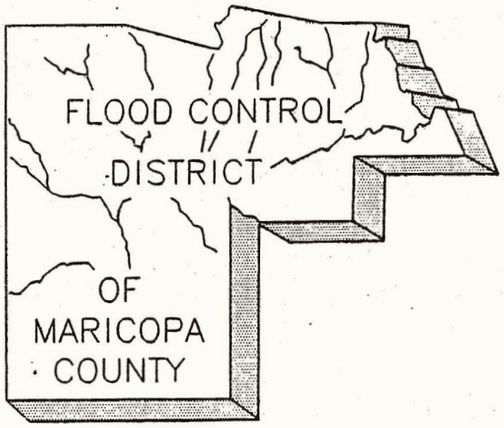
VOLUME 2 OF 4

AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY

Between the Gila River Confluence and the New Waddell Dam



HYDRAULIC ANALYSIS TECHNICAL DATA NOTEBOOK

SECTION 4

Part 1 of 2

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AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY

Between the Gila River Confluence and the New Waddell Dam

FCDMC CONTRACT #95-05

TECHNICAL DATA NOTEBOOK
SECTION 4
HYDRAULIC ANALYSIS

October 31, 1996

Prepared for:

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AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY TDN SECTION 4 HYDRAULIC ANALYSIS

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Agua Fria River Floodplain
Delineation Re-Study
TDN Section 4
Hydraulic Analysis

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4.0 Introduction

4.0.1 Scope of Study

Coe & Van Loo Consultants, Inc., (CVL) has contracted with the Flood Control District of Maricopa County (FCDMC) to perform a Floodplain Delineation Re-Study (FDR) of the Agua Fria River. The specific scope of this Floodplain Delineation Re-Study is to evaluate the existence and severity of flood hazards for the Agua Fria River within Maricopa County, Arizona. The study reach crosses unincorporated areas of Maricopa County and numerous communities within Maricopa County. The communities include Peoria, Surprise, El Mirage, Youngtown, Glendale, Phoenix, Avondale, and Goodyear.

The project consists of floodplain and floodway delineation of approximately 34 river miles of the Agua Fria River from the Gila River Confluence to the outlet of the New Waddell Dam. The U.S. Army Corps of Engineers (CORPS) has developed the hydrology for the Agua Fria River within the study area using the CORPS HEC-1 computer model. The hydrology has been revised, from the currently effective Flood Insurance Study (FIS), by the CORPS to model the effect of the recently constructed New Waddell Dam. The hydrologic analysis for this study reach was documented in a report, *Hydrologic Evaluation of Impacts of New Waddell Dam on Downstream Peak Discharges in the Agua Fria River*, (Ref. 21). This analysis indicates that the 100-year peak flows have substantially reduced due to the construction of the New Waddell Dam. In addition, new topographic mapping has been provided by the FCDMC for much of the study reach.

The project has been divided into three distinct reaches for conducting the study. Reach 1 extends from the Gila River upstream to Indian School Road. Much of this reach has been channelized, therefore, it is expected that the floodplain boundaries will remain unchanged with

the exception of the first few miles. Topographic mapping used for this reach is from the 1989 study by Jerry R. Jones & Associates (Ref. 8).

Reach 2 extends from Indian School Road to Jomax Road. It is expected that this reach will experience the most change in the floodplain resulting from the reduced flows from Lake Pleasant, the gravel mining operations, new development and from the bridge construction. This reach utilizes new topographic mapping due primarily to extensive gravel mining operations and new developments. This 200 scale, 2' contour interval mapping was prepared for the FCDMC by Arial Mapping, Inc. using photographs taken in February of 1995 (Ref. 1).

Reach 3 covers the area between Jomax Road and New Waddell Dam. This reach is relatively undisturbed and minimal changes have occurred. Therefore, the topographic mapping from the Jerry R. Jones 1989 study is to be used for this reach.

4.0.2 Description of Study Area

This FDR covers the reach of the Agua Fria River between the Gila River Floodplain and the outlet of the New Waddell Dam. This is essentially the entire Agua Fria River within Maricopa County. The study area and reach designations are illustrated on the Study Area Location Map (Page 3).

The Agua Fria River, with a total drainage area of 2.340 square miles, begins in the Prescott National Forest within Yavapai County and flows southward to its confluence with the Gila River. The New Waddell Dam impounds the water of the Agua Fria River to form Lake Pleasant. Immediately downstream of the New Waddell Dam is an irrigation diversion dam. The spillway to this irrigation dam is the upstream limits of the study. The 100-year floodplain downstream of this spillway is contained within relatively narrow banks in an area which is largely undeveloped.

The river spreads out over a wider area from approximately Jomax Road to Indian School road. There are numerous gravel mining operations in the floodplain. These operations have altered the main channel and overbanks, often creating pockets of ineffective flow. In many instances, dikes or levees have been built by the gravel miners to direct the flow in the river and protect the gravel mines. These structures typically have not been engineered, compacted, or maintained, and they are often overtopped by the 100-year event. Therefore, they were not considered on effective barrier to inundation of the low area.

Beginning just upstream of Indian School Road the river is confined between two soil-cement levees approximately 1,300 feet wide. This levee system was constructed by the U.S. Army Corps of Engineers (CORPS) in cooperation with the FCDMC and is maintained by the FCDMC. The east bank of the levee ends at Buckeye Road while the west bank continues to a point downstream of Lower Buckeye Road.

Development along the river begins north of Beardsley Road and continues to Southern Avenue. This development consists of residential, commercial and industrial uses. Most of the land between Buckeye Road and the confluence with the Gila River is agricultural, consisting mostly of alfalfa and cotton crops.

4.0.3 Mapping

Topographic mapping for the Reach 1 and Reach 3 hydraulic analysis was supplied by the Flood Control District. This mapping is from the 1989 floodplain study for the Agua Fria River by Jerry R. Jones & Associates (Refs. 8 and 12). The mapping scale is 1"=400' with a 4' contour interval. The vertical control was based on 1929 NGVD and the horizontal control was based on 1927 NAD. This mapping has been converted to a digital format and to the 1983 NAD horizontal coordinate system.

Topographic mapping for the Reach 2 hydraulic analysis was prepared specifically for this FDR by Aerial Mapping Company, Inc. (Ref. 1). The mapping is 1"=200' aerial topography with 2' contour intervals and was based on photographs taken in February of 1995. The horizontal datum for this project is NAD 83, Arizona State Plane Coordinate System, Central Zone. Vertical elevations are based on the mean sea level datum of 1929 as monumented by the United States National Geodetic Survey. Horizontal and vertical control tabulation has been supplied to the FCDMC by AMC.

4.0.4 Other Studies

Other published flood studies have been performed on the Agua Fria River within the study area. A floodplain information report published in 1968 studied the river between Camelback Road and the Beardsley Canal flume (Ref. 20). In 1984 the Corps of Engineers studied the portion of the Agua Fria River between the confluence with the Gila River and Jomax Road. In 1980 a study was made of the February 1980 flood along the Agua Fria River. This study was used to check modeling parameters, especially those relating to the 10-year flow (Ref. 24). Two studies were prepared (one in 1984 and the other in 1985) to evaluate ponding adjacent to the levees and also to design outlets through these levees to discharge this ponding (Refs. 14 and 15).

There have been two previous FEMA studies for the Agua Fria River within the study areas. The first was a Flood Insurance Study for the unincorporated areas of Maricopa County, published in 1979 which studied a 24 mile reach from the confluence with the Gila River and Pinnacle Peak Road (Ref. 25). The second was a Flood Insurance Study for the Agua Fria River, Maricopa County, Arizona, published in 1989, which studied the Agua Fria River from the confluence with the Gila River to the Waddell Dam (Ref. 12). The primary differences between

this current study and these previous studies are the changes in the hydrology, construction of a bridge, and changes to the topography due to the gravel mine operations and new development.

Other published studies that have been performed for the FCDMC on some of the major tributaries to the Agua Fria River are as follows:

1. *New River Floodplain Delineation*, October 1987 (Ref. 7).
2. *White Tanks/Agua Fria Area Drainage Master Study (Lower El Mirage Wash, Wash 13)*, October 1992 (Ref. 18).
3. *White Tanks/Agua Fria Area Drainage Master Study, (AT&SF Railroad Channel, Wash 12)*, October 1992 (Ref. 17).
4. *Wittman ADMS (McMicken Dam Outlet Wash)*, (Ref. 19)
5. *CAP Overchutes FCD 90-09, Agua Fria Floodplain Delineation (Caterpillar Tank Wash)*, June 1991 (Ref. 2).
6. *CAP Overchutes FCD 90-09, Agua Fria Floodplain Delineation (Twin Buttes Wash)*, June 1991 (Ref. 3).
7. *Floodplain Delineation Study of Morgan City Wash*, August 1990 (Ref. 13).

4.0.5 Coordination and Acknowledgments

CVL and the FCDMC have been in close coordination throughout the project. This coordination was typically meetings or telephone conversations to discuss the aspects of the FDR. The methodology used in preparing this FDR have been agreed upon by the FCDMC and CVL.

The Flood Control District of Maricopa County was represented at the Manning's n value field investigation and they provided guidance in the determination of n values for the entire study area. See the N Value Determination Report (Ref. 6) in the appendix Section IV.

4.0.6 Location of Data

Survey, hydrologic, N value, and other pertinent data used in this study may be obtained from the Flood Control District of Maricopa County, 2801 West Durango Street, Phoenix, AZ 85009.

4.1 Engineering Methods

4.1.1 Hydrologic Analysis

The hydrologic analysis was not a part of this study. The peak flows used for this study were evaluated by the U.S. Army Corps of Engineers, Los Angeles District, in the report *Hydrologic Evaluation of Impacts of New Waddell Dam on Downstream Peak Discharges in the Agua Fria River*, July 1995 (Ref. 21).

The 100-year peak flows have been prorated between concentration points to represent a gradually changing peak flow within the hydraulic model. The peak discharges used in the hydraulic model are tabulated on the following page.

Table 1 Peak Discharges Used for Floodplain Delineation		
Wash Name	**Location Section-Section**	**Peak Flow 100-yr**
Agua Fria River	0.16-3.77	50,900
	3.78-5.305	52,000
	5.317-9.696	54,440
	9.79-11.428	30,000
	11.460-16.385	34,500
	16.471-17.548	36,000
	17.638-20.769	37,500
	20.864-22.273	35,000
	22.368-23.692	33,000
	23.790-25.098	31,000
	25.192-26.37	29,000
	26.47-27.77	27,000
	27.86-29.04	25,000
	29.14-30.46	23,000
	30.55-31.86	21,000
	31.96-33.41	19,000
	33.46-33.82	9,000

4.1.2 Hydraulic Analysis

The existing condition 100-year frequency flood was analyzed for the hydraulics of the entire study reach. Subsequently, the floodway was modeled for the entire study reach. The resultant 100-year floodplain and floodway limits were delineated for FEMA regulatory purposes. Refer to the floodplain delineation maps in the Appendix Section X for the location of the floodplain and floodway boundaries.

The National Flood Insurance Program was established to encourage state and local governments to adopt sound floodplain management programs to reduce future flood losses. Flood insurance has been made available to communities meeting the standards of this program. This study, therefore, has been performed to meet these standards and

includes a flood boundary map designed to assist the FCDMC and the local communities in developing sound floodplain management measures.

The 100-year flood has been adopted by the Federal Emergency Management Agency (FEMA) as the base flood for purposes of floodplain management measures. The boundary of the 100-year flood (shown in Appendix X) has been delineated from flood elevations computed at each cross section. The boundaries were then interpolated between each cross section using topographic maps at scales of 1"=200' with a contour interval of 2 feet for Reach 2 and 1"=400' with a contour interval of 4 feet for Reaches 1 and 3.

The floodway is defined as the channel of a river or water course and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface by more than one foot. The floodway is to include the stream channel and is the major conveyance corridor of the water course.

The CORPS HEC-2 Water Surface Profiles computer program was used to model the study reaches. The May 1991 HEC-2 version 4.6.2 (as supplied by NTIS) was used in the study. The study reaches were modeled as sub-critical profiles. The computer run was started based on the slope area method. The water surface from the Gila River was not used due to the difference in the time of peak flow. In some areas, encroachment cards (ET) were used to model dead or noneffective flow areas. Consequently "SSTA" in "ENDST" do not represent the actual flooding limits, and the delineation was established based on the cross-section point elevations and the topography. In some cases "TOPWID" does not represent the full width of the floodplain due to ineffective flow areas or low islands within the floodplain. These considerations were accounted for in the modeling and the delineation process.

4.2 Parameter Estimation

4.2.1 Manning's n Value

The roughness factors (n values) for the Agua Fria River were established based on field investigations, topographic mapping, and photographs of the area. These values were coordinated with the FCDMC. For complete description of assumptions made regarding n value determination, refer to the N Value Determination Report (Ref. 6) in the appendix Section IV.

Table 2
N Values Used for the Agua Fria River

n value for the channel =	0.030 to 0.050
n value for the overbanks =	0.035 to 0.150

4.2.2 Expansion and Contraction Coefficients

Expansion and contraction coefficients were used to model the energy losses within a reach due to the changes in shape of river cross-sections (or effective flow areas). The contraction and expansion coefficients used for the Agua Fria River are 0.1 and 0.3 respectively (for gradual transitions). In the vicinity of the bridges or severe transitions due to gravel mines, a contraction coefficient of 0.3 and an expansion coefficient of 0.5 were used.

4.2.3 Hydraulic Jump/Drop Analysis

There are no significant hydraulic jumps or drops that occur in the Agua Fria River within the study area. Therefore, a hydraulic jump or drop analysis was not performed.

4.3 Cross Section Description

4.3.1 Channel and Overbank

All cross-sections are stationed from left to right looking downstream with the control line set at station 10,000. Cross-section numbers for the Agua Fria River are stationed in river miles upstream from the confluence with the Gila River.

Cross-sections are located at intervals along the river to define the flow carrying capability of the wash and its adjacent floodplain. The cross sections are generally situated perpendicular to the direction of flow and typically extend over the banks across the entire floodplain. Cross sections are spaced approximately 500 feet apart or they are located where changes in discharge occur, or where there are changes in slope, shape, or roughness.

Bank stations at each cross section were offset from the channel control line based on aerial photographs, topographic maps, and field investigation. The location of these bank stations on the cross sections affect the HEC 2 model computations due to differing Manning's n values and the location of encroachments with respect to these bank stations.

4.3.2 Bridge and Constriction

Cross sections are located near the various bridges along the Agua Fria River in the manner described in the Corps of Engineers' HEC-2 manual (Ref. 22). To represent the contraction of flow entering the bridges, a cross section is located upstream a distance approximately equal to the width of the flow contraction or at the end of spur dikes. Cross sections are also located adjacent to the upstream and downstream ends of the bridges. Another cross section is located downstream of the bridges approximately four times the width of the expansion to model the flow as it leaves the bridges or at the end of spur dikes. Where additional cross sections are located within this contraction or expansion area, these were encroached at a

1:1 upstream and a 4:1 downstream of the bridge construction. The bridges were modeled using the special bridge and normal bridge methods. The bridge modeling techniques were coordinated with the FCDMC.

4.3.3 Grade Control

Grade control structures exist in the Agua Fria River south of Indian School Road. These structures were designed as buried cutoff walls with no elevation drop in the stream bed and therefore, do not affect the modeling.

4.4 Calibration

Calibration was not performed for the Agua Fria River Floodplain Delination Re-Study.

4.5 Special Problems

4.5.1 Gravel Mine Operations

Along the Agua Fria River from Indian School Road to Jomax Road there are numerous gravel mining operations. These operations typically consist of large deep open pits, numerous stock piles, and protective dikes, presenting significant challenges to the HEC-2 modeling. At many locations the open pits are within the channel of the river or in an effective conveyance area of the overbank. At these locations the elevation of the bottom of the gravel mines was usually much lower than the effective flow area. If the cross sections were unaltered in the HEC-2 runs, this would cause the water surfaces to be artificially low by utilizing an area that was non-effective for flow conveyance.

Encroachment cards were used to remove non-effective flow areas in the overbanks from the conveyance area of the HEC-2 model. Where the gravel mine is in the channel or a portion

of the mine is effective, it was necessary to artificially raise the bottom of the HEC-2 cross section by modifying the GR points. This raised bottom surface simulates the hole being filled with ponded water allowing the river to flow over the top. These modified cross sections occur at the following locations:

Between sections	8.534 to 8.875
Between sections	10.343 to 10.538
Between sections	11.460 to 12.529
Between sections	13.007 to 13.296
Between sections	17.548 to 18.653
At section	20.864
Between sections	21.245 to 21.621
Between sections	22.177 to 22.462

The gravel mine operations are typically protected from constant inundation by an earthen non-engineered dike. These dikes usually created a non-effective flow area, but were often overtopped or breached by the base flood. These areas were typically modeled to be non-effective outside the dike. However, in most cases, the larger flows (the base flood) will erode and breach these dikes inundating the gravel mines and other low areas. Therefore, the 100-year floodplain was delineated assuming these dikes do not contain the flow.

4.5.2 Numerous Bridges

The numerous bridges along the Agua Fria River caused some challenges to the HEC-2 model. The majority of the bridges have been modeled with the special bridge routine which simulates a combined pier width, a low chord, a road surface, and a river bottom. Other bridges were modeled using a normal bridge routine. Additional cross sections were needed to properly

model effective flow areas upstream and downstream of the bridges including spur dikes. In all cases, the bridges acted in low flow, without any conditions of pressure flow or weir flow. Bridges are located at the following cross sections:

Buckeye Road	3.734
Southern Pacific Railroad	3.767
Van Buren	4.754
I-10 East Bound	5.290
I-10 West Bound	5.317
McDowell Road	5.689
Indian School Road	8.000
Camelback Road	9.177
Glendale Road	11.410
Olive Avenue	13.450
Grand Avenue	16.482
Santa Fe Railroad	16.514
Bell Road	18.962
Beardsley Canal Flume	29.611
State Route 74	32.984

4.5.3 Numerous Engineered and Non-Engineered Levees

Along the Agua Fria River alignment from the confluence with the Gila River to Happy Valley Road there are numerous engineered and non-engineered levees. Some of the non-engineered levees were constructed to protect the gravel mine operations and were discussed previously in Section 4.5.1. It was generally assumed that the non-engineered levees would be breached and ultimately fail from the larger flows (the base flood). Therefore, it was assumed

that areas intended to be protected by non-engineered levees would be inundated by the 100-year floodplain.

There are locations where engineered levees were designed and constructed to withstand the flow velocities generated in the Agua Fria River. At these locations only the flow contained within these levees was considered to be effective and areas outside the levees were considered to be protected from the base flood.

4.5.4 Tributaries

There are seven major tributaries that were considered when analyzing the 100-year floodplain and floodway. The flood insurance studies for these tributaries were listed in Section 4.0.4. These tributaries were evaluated for flood insurance studies for the FCDMC at various times over the past ten years.

As part of the Agua Fria contract CVL tied together the floodplains and floodways from these tributaries and the Agua Fria River. In the vicinity of Morgan City Wash the Agua Fria River floodplain and floodway receded beyond the limit of the tributary study. Therefore, extra cross sections were added to the Morgan City Wash HEC-2 to more accurately delineate and tie together the floodplains and floodways from the two water courses. A separate HEC-2 run was prepared and included in this report in Section V.

The New River Floodplain near the confluence with the Agua Fria River was superseded by the previous Agua Fria River Floodplain. However, due to the lower flow in the Agua Fria River, the New River Floodplain was redelineated to reflect the water surfaces due to New River. Refer to Section VI for excerpts from the New River Flood Insurance Study.

4.5.5 Non-Effective Flow Areas

Many non-effective flow areas exist throughout the study reach. These are due to the gravel mining operations, bridge constrictions, levees, dikes, and natural constrictions. The non-effective flow areas were modeled using various encroachment methods.

4.5.6 Split Flow Condition at Grand Avenue

At Grand Avenue the majority of the Agua Fria River is conveyed under the Santa Fe Railroad Bridge and the Grand Avenue Bridge. However, there is a flow breakout to the west upstream of these bridges. Once this flow breaks out it will pond behind the railroad and Grand Avenue. The majority of this breakout flow is conveyed south across Grand Avenue through 3-8'x4' box culverts. This flow will continue to drain south remaining west of the landfill until it combines with the main flow.

The culverts were modeled using the HDS-5 charts to determine their flow capacity. Downstream of the culverts and west of the landfill the river was delineated using this flow .

4.6 Flood Hazard Zones

The National Flood Insurance Program provides for the delineation of different flood hazard zones. These zones can be used as a tool to assist local communities in providing good floodplain management.

The majority of the floodplain is designated as Zone "AE" with floodway and base flood elevations shown. Ponding areas have been designated as Zone "AH", and other areas have been designated as Zone "A" on the floodplain delineation maps.

100-year floodplains have been determined for the Agua Fria River as described previously in this report. A copy of the current regulatory Flood Insurance Rate Map is included in the Appendix Section IX. The proposed 100-year floodplain boundaries have been superimposed on the FIRM and are also included in the Appendix Section IX.

4.7 Final Results

4.7.1 Computer Runs

The HEC-2 computer program was used to compute the 100-year floodplain and floodway boundaries for the Agua Fria River. The results of this computer run were used to complete the Floodplain Maps as previously described. Water surface elevations, top widths, etc. have been taken directly from the output of the runs, which are included in the appendix of this report.

4.7.2 Insurance Applications

For flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. These zones are as follows:

Zone A: Zone A is the flood insurance rate zone that corresponds to 100-year floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or depths are shown within this zone.

Zone AE Zone AE is the flood insurance rate zone that corresponds to the 100-year floodplains that are determined in the FIS by detailed methods. In most instances, BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AH Zone AH is the flood insurance rate zone that corresponds to the areas of 100-year shallow flooding with a constant water-surface elevation (usually areas of ponding) where average depths are between 1 and 3 feet. The BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AO Zone AO is the flood insurance rate zone that corresponds to the areas of 100-year shallow flooding (usually sheet flow on sloping terrain) where average depths are between 1 and 3 feet. The depth should be averaged along the cross-section and then along the direction of flow to determine the extent of the zone. Average depths derived from the detailed hydraulic analyses are shown within this zone.

Zone A99 Zone A99 is the flood insurance rate zone that corresponds to areas of the 100-year floodplain that will be protected by a Federal flood protection system where construction has reached specified statutory milestones. No BFEs or depths are shown within this zone.

Zone V Zone V is the flood insurance rate zone that corresponds to the 100-year coastal floodplains that have additional hazards associated with storm waves. Because approximate hydraulic analyses are performed for such areas, no BFEs are shown within this zone.

Zone VE Zone VE is the flood insurance rate zone that corresponds to the 100-year coastal floodplains that have additional hazards associated with storm waves. BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone X Zone X is the flood insurance rate zone that corresponds to areas outside the 100-year floodplain, and areas of 100-year sheet flow flooding where average depths are less than 1 foot, areas of 100-year stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 100-year flood by levees. No BFEs or depths are shown within this zone.

Zone D Zone D is the flood insurance rate zone that corresponds to unstudied areas where flood hazards are undetermined, but possible.

4.8 Diskettes of Runs

The enclosed floppy diskette contains the floodplain/floodway runs and are named as follows:

Wash Name	Input File Name	Output File Name
Agua Fria River	AGUAFRIA	AGUAFRIA.0
Morgan City Wash	MORGAN	MORGAN.0
Grand Ave. Split Flow	GRAND	GRAND.0

4.9 References

1. Aerial Mapping Company, Inc. topographic mapping prepared for the Agua Fria River under contract with the FCDMC, photographs taken in February 1995.

2. AGK Engineers, Inc. *CAP Overchutes FCD 90-09, Agua Fria Floodplain Delineation (Caterpillar Tank Wash),* June 1991.

3. AGK Engineers, Inc. *CAP Overchutes FCD 90-09, Agua Fria Floodplain Delineation (Twin Buttes Wash)*, June 1991.

4. Canon & Associates, Inc. Consulting Engineers, *Preliminary Bridge Scour Assessment Report for Eight Maricopa County Bridges, Group 1,* July 1995.

5. Civil Engineering Department Arizona State University, *Agua Fria River Sediment Transport Study Training Material No. 1,* December 1991.

6. Coe & Van Loo Consultants, Inc. *Agua Fria River Floodplain Delineation Re-Study, N Value Determination Report*, August 1996.

7. Coe & Van Loo Consultants, Inc. *New River Floodplain Delineation*, October 1987.

8. Cooper Aerial Survey Company, 400 scale, 4' contour interval Topographic Maps Prepared for Jerry R. Jones & Associates, photographs taken in 1987 and 1988.

9. Federal Emergency Management Agency, Federal Insurance Administration, *Flood Insurance Study Guidelines and Specifications for Study Contractors FEMA 37,* January 1995.

10. Federal Emergency Management Agency, *Flood Insurance Study, Maps, Maricopa County, Arizona*, Washington, D.C., April 15, 1988.

11. Federal Emergency Management Agency, *Flood Insurance Study, Maricopa County, Arizona, and Incorporated Area, Volumes 1 through 12,* revised September 30, 1995.

12. Jerry R. Jones & Associates, *Flood Insurance Study, Agua Fria River*, Maricopa County, Arizona, September 1989.

13. Michael Baker, Jr., Inc. *Floodplain Delineation Study of Morgan City Wash*, August 1990.

14. Simons, Li & Associates, *Agua Fria River Channelization Side Drainage Analysis*, Tucson, Arizona, November 1984.

15. Simons, Li & Associates, *Agua Fria River Control Project, Analysis of Side Drainage Requirements, Buckeye Road to 1,500 Feet South of Interstate 10*, Tucson, Arizona, January 30, 1985.

16. State of Arizona, Department of Water Resources, Engineering Division, *Instructions for Organizing and Submitting Technical Documentation for Flood Studies*, revised September 1991.

17. The WLB Group, Inc., *White Tanks/ Agua Fria Area Drainage Master Study (AT&SF Railroad Channel, Wash 12)*, October 1992.

18. The WLB Group, Inc., *White Tanks/ Agua Fria Area Drainage Master Study (Lower El Mirage Wash, Wash 13)*, October 1992.

19. The WLB Group, Inc., *Wittman ADMS (McMicken Dam Outlet Wash)*.

20. U.S. Army Corps of Engineers, Los Angeles District, *Flood Plain Information Study, Agua Fria River*, Maricopa County, Arizona, Los Angeles, California, March 1968.

21. U.S. Army Corps of Engineers, Los Angeles District, *Hydrologic Evaluation of Impacts of New Waddell Dam on Downstream Peak Discharges in the Agua Fria River*, July 1995.

22. U.S. Army Corps of Engineers, The Hydrologic Engineering Center, *HEC-2 Water Surface Profiles Users Manual*, September 1982.

23. U.S. Department of Commerce, Bureau of Public Roads, *Hydraulic Charts for the Selection of Highway Culverts*, Hydraulic Engineering Circular No. 5, Washington, D.C., December 1965.

24. U.S. Department of the Interior, Geological Survey, Water-Resources Investigations, Open-File Report 80-767, *Flood of February 1980 Along The Agua Fria River, Maricopa County, Arizona*, Tucson, Arizona, June 1980.

25. U.S. Department of Housing and Urban Development, Federal Insurance Administration, *Flood Insurance Study, Maricopa County, Arizona*, Washington, D.C., May 1979.

26. U.S. Geological Survey, Water Resources Division, *Estimated Manning's Roughness Coefficients for Stream Channels and Floodplains in Maricopa County, Arizona*, April 1991.

Morgan City Wash

Morgan City Wash is a tributary to the Agua Fria River. Its floodplain and floodway have been delineated in an FIS prepared by Michael Baker, Jr., Inc. (Ref. 13). The floodplain and floodway for the Agua Fria River have been revised with this FDR to account for the reduced flows which are a result of the New Waddell Dam. The Agua Fria River floodplain and floodway are narrower than the previous delineation. Consequently, the Morgan City Wash floodplain and floodway delineation do not tie into the new Agua Fria River Delineation.

As a part of this FDR the portion of the Morgan City Wash HEC-2 model was revised to extend the model downstream to tie into the Agua Fria River. Two new cross-sections and the immediate downstream cross-section from the Agua Fria River HEC-2 model were added to the downstream end of the Morgan City Wash HEC-2 model. The starting water surface for this new model was taken from the water surface for the common section in the Agua Fria River HEC-2 model. The model extends upstream until the upstream water surfaces of the new model match those of the Morgan City Wash FIS.

The revised floodplain and floodway for Morgan City Wash has been delineated and is shown on the Floodplain delineation maps. Backwater from the Lake Pleasant Access Road culvert overflows the road to ultimately sheet flow to the Agua Fria River floodplain. This sheet flow has been delineated as a flood Zone "A" on the floodplain delineation maps. Refer to excerpts from the Morgan City Wash FIS HEC-2 and Floodplain delineation maps in this section.

New River

The confluence of New River and the Agua Fria River occurs near the Bethany Home Road alignment. The New River floodplain and Floodway have been delineated in an FIS prepared by Coe & Van Loo Consultants, Inc. (Ref. 7). When the New River FIS was prepared, the Agua Fria River water surface inundated the New River near the confluence. The lower flows in the Agua Fria River due to the New Waddell Dam have lowered the water surfaces, and consequently the influence on New River is less. The New River FIS HEC-2 was started by slope area method due to hydrograph timing differences. Therefore, the New River FIS HEC-2 is still applicable, however, the water surfaces are lower and must be redelineated. Refer to excerpts from the New River FIS HEC-2 and floodplain delineation maps in this section.

Split Flow Condition at Grand Avenue

At Grand Avenue the majority of the Agua Fria River is conveyed under the Santa Fe Railroad Bridge and the Grand Avenue Bridge. However, there is a flow breakout to the west upstream of these bridges. Once this flow breaks out it will pond behind the railroad and Grand Avenue. The majority of this breakout flow is conveyed south across Grand Avenue through 3-8'x4' box culverts. This flow will continue to drain south remaining west of the landfill until it combines with the main flow.

The culverts were modeled using the HDS-5 charts to determine their flow capacity. Downstream of the culverts and west of the landfill the river was delineated using this flow.

SECTION I

FLOODPLAIN/FLOODWAY HEC-2 OUTPUT

```
*********************************************
*  HEC-2 WATER SURFACE PROFILES             *
*                                           *
*  Version   4.6.0;  February 1991          *
*                                           *
*  RUN DATE    29OCT96    TIME   07:51:46   *
*********************************************
```

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****************************************
*  U.S. ARMY CORPS OF ENGINEERS        *
*  HYDROLOGIC ENGINEERING CENTER       *
*  609 SECOND STREET, SUITE D          *
*  DAVIS, CALIFORNIA 95616-4687        *
*          (916) 756-1104              *
****************************************
```

```
X     X  XXXXXXX   XXXXX              XXXXX
X     X  X        X     X            X     X
X     X  X        X                        X
XXXXXXX  XXXX     X          XXXXX    XXXXX
X     X  X        X                  X
X     X  X        X     X            X
X     X  XXXXXXX   XXXXX             XXXXXXX
```

THIS RUN EXECUTED 29OCT96 07:51:46

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************************************
 HEC-2 WATER SURFACE PROFILES

 Version   4.6.0;  February 1991
************************************


T1 AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY
T1 PREPARED FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY (FCDMC #95-05)
T1 PREPARED BY COE & VAN LOO CONSULTANTS, INC. (CVL #95-0067-01)
T2 AGUA FRIA RIVER, GILA RIVER TO THE NEW WADDELL DAM
T3 100-YEAR EVENT    EXISTING CONDITION            FILE NAME - AGUAFRIA

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ

      0        2        0        0      0.003       0        0        0    916.39      0

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE

      1        0       -1        0        0        0       -1        0        0        15


J3  VARIABLE CODES FOR SUMMARY PRINTOUT

     38       43        1        8        3        2       26        5       39       53
      4       54       37                200
   NON-STRUCTURAL DIKES BETWEEN SECTIONS 0.16 AND 1.33 AT RIGHT OVERBANK
   ARE ASSUMED NON-EFFECTIVE.

NC                                   .1       .3
ET    0.16              7.1                                9300     11600
NH       5      .10     9030     .045     9720     .035    10184      .06     11500      .10
NH   15459
QT       2    50900    50900
         AGUA FRIA DETAILED FDR PREPARED FOR THE FLOOD CONTROL DISTRICT OF
         MARICOPA COUNTY BY COE & VAN LOO CONSULTANTS, INC., 1996.
         THE CONTROL LINE ON THE MAIN CHANNEL OF THE AGUA FRIA RIVER IS
         STATION 10,000. ALL SECTIONS ARE STATIONED IN RIVER MILES FROM THE
         CONFLUENCE WITH THE GILA RIVER. ENCROACHMENT CARDS (ET) WERE USED
         IN SOME CASES TO BETTER MODEL DEAD OR NON-EFFECTIVE FLOW AREAS.
         CONSEQUENTLY, "SSTA" AND "ENDST" DO NOT REPRESENT THE ACTUAL FLOODING
         LIMITS, AND THE DELINEATION WAS ESTABLISHED BASED ON THE CROSS SECTION
         POINT ELEVATIONS AND THE TOPOGRAPHY. IN SOME CASES "TOPWID" DOES NOT
         REPRESENT THE FULL WIDTH OF THE FLOODPLAIN DUE TO NON-EFFECTIVE FLOW
         AREAS OR LOW ISLANDS WITHIN THE FLOODPLAIN. THE RUN WAS STARTED BASED
         SLOPE-AREA METHOD. THE HIGH WATER IN THE GILA RIVER WAS NOT USED TO
         START THE RUN, DUE TO THE DIFFERENCE IN THE TIME TO PEAK.
```

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ENCROACHMENTS ARE PLACED ON THE UPSTREAM SECTION OF THE BRIDGES TO
REPRESENT THE 1:1 CONTRACTION OF FLOW. IN ADDITION, ENCROACHMENTS ARE
PLACED ON THE DOWNSTREAM SECTION OF THE BRIDGES TO REPRESENT THE 4:1
EXPANSION OF FLOW.
**************************************
***** BEGIN NONSTRUCTURAL DIKES ******
*****  CONSIDERED NONEFFECTIVE  ******
**************************************
X1    0.16      52     9720    10184        0        0        0
GR   924.4  4925.0    924.2   5199.0    921.8   5600.0    919.5   5760.0    919.4   5959.0
GR   920.9  6245.0    920.8   6516.0    919.3   6554.0    919.8   6850.0    919.6   7271.0
GR   920.5  7535.0    919.6   8000.0    917.6   8136.0    917.4   8339.0    912.3   8356.0
GR   917.2  8376.0    916.4   8991.0    916.0   9030.0    914.0   9212.0    911.6   9231.0
GR   913.2  9494.0    911.2   9620.0    911.8   9720.0    910.7  10000.0    909.7  10120.0
GR   909.6 10136.     921.6  10167.0    923.0  10184.0    913.7  10213.0    913.7  10477.0
GR   917.1 10590.     916.6  10873.0    910.5  10909.0    910.5  11042.0    915.2  11068.0
GR   912.1 11265.     911.5  11500.0    911.5  11516.0    908.3  11664.0    910.4  11830.0
GR   916.1 11911.     914.1  12098.0    914.9  12628.0    922.1  12652.0    922.7  12725.0
GR   916.5 12758.     916.8  13671.0    916.2  14363.0    917.2  14971.0    917.8  15391.0
GR   913.5 15403.     920.3  15459.0

ET    0.25              7.1                             9250     11600
NH       5     .10     8960      .045     9958      .035    10230       .06    10650       .10
NH   15692
X1    0.25     34.0     9958     10230      505       480      495
GR   922.0  5566.0    922.0   6553.0    918.5   7867.0    919.0   8256.0    912.7   8264.0
GR   912.7  8284.0    917.8   8296.0    916.9   8960.0    916.8   9040.0    913.2   9109.0
GR   913.5  9486.0    913.5   9620.0    913.5   9958.0    911.1   9972.0    911.1  10000.0
GR   910.9 10130.0    910.9  10151.0    922.5  10230.0    916.6  10298.0    916.6  10396.0
GR   914.0 10454.0    915.1  10650.0    915.4  10701.0    912.8  10725.0    915.1  11054.0
GR   915.5 12126.0    915.7  12846.0    920.7  12871.0    920.7  12921.0    917.2  12948.0
GR   917.5 13769.0    918.6  14680.0    918.1  15619.0    920.7  15692.0

ET    0.35              7.1                             9130     11690
NH       4     .10     8850      .045     9965      .035    10223       .10    17880
X1    0.35     35.0     9965     10223      485       485      485
GR   926.3  3975.0    925.0   4440.0    924.4   4533.0    924.4   5087.0    923.2   5581.0
GR   920.8  7250.0    918.6   7964.0    919.2   8280.0    913.2   8291.0    913.2   8307.0
GR   918.8  8317.0    916.9   8850.0    916.1   9069.0    913.9   9084.0    915.3   9474.0
GR   915.2  9640.0    915.1   9965.0    911.8   9991.0    911.8  10000.0    911.4  10140.0
GR   911.4 10156.     923.3  10223.0    916.4  10256.0    917.2  11060.0    915.5  11078.0
GR   916.2 12132.     916.6  12355.0    918.8  12420.0    918.9  13457.0    918.8  14308.0
GR   919.2  15650     921.2   16350     921.8   16820     922.4   17200     922.7   17880

ET    0.44              7.1                             8970     11640
NH       4     .10     8300      .045     9798      .035    10420       .10    17640
X1    0.44     44.0     9798     10420      520       500      505
GR   927.5  3107.0    925.0   4575.0    922.8   5984.0    921.8   6974.0    920.3   7816.0
GR   923.1  7847.0    923.3   7915.0    919.1   7942.0    919.1   7995.0    923.7   8029.0
GR   919.5  8152.0    918.5   8300.0    916.2   8640.0    915.1   8999.0    916.8   9023.0
GR   916.7  9710.0    916.7   9798.0    913.9   9815.0    913.5   9842.0    912.8  10000.0
GR   917.6 10016.0    916.8  10120.0    916.2  10201.0    917.0  10263.0    917.7  10313.0
GR   917.7 10385.0    925.2  10420.0    917.7  10455.0    917.8  11076.0    920.3  11103.0
GR   916.9 11133.0    916.4  11365.0    919.1  11391.0    918.7  12229.0    918.8  12650.0
```

GR	920.6	12691.0	919.8	12785.0	919.6	13644.0	920.2	14200.0	920.4	14355.0
GR	921.0	16110	921.8	16630	922.9	17240	924.0	17640		
ET	0.54		7.1				8920	11540		
NH	5	.10	8490	.045	9904	.035	10199	.05	10549	.10
NH	16800									
X1	0.54	36.0	9904	10199	530	495	505			
GR	928.1	3050.0	927.2	4613.0	926.1	5092.0	927.1	5206.0	924.6	6382.0
GR	922.3	6916.0	924.4	6951.0	918.5	6971.0	918.5	6993.0	925.0	7013.0
GR	921.6	7072.0	921.2	8124.0	920.0	8490.0	919.5	8647.0	916.2	8667.0
GR	918.0	8997.0	917.8	9446.0	917.4	9720.0	917.2	9904.0	913.7	9926.0
GR	914.0	10000.0	914.4	10070.0	914.5	10097.0	927.5	10199.0	917.5	10248.0
GR	919.3	10515.0	925.8	10549.0	918.7	10598.0	918.6	11525.0	920.7	12024.0
GR	921.0	13063.0	921.1	14220.0	921.2	15038.0	921.8	15800.0	923.0	16350.0
GR	924.0	16800.0								
ET	0.63	9.1	7.1				8970	11440	6600	16199
NH	5	.10	8670	.045	9888	.035	10209	.05	10644	.10
NH	16200									
X1	0.63	36.0	9888	10209	525	490	505			
GR	927.8	3220.0	928.7	4462.0	927.0	5328.0	924.8	6127.0	923.4	6520.0
GR	925.1	6530.0	925.1	6553.0	917.7	6571.0	926.5	6600.0	923.7	6645.0
GR	923.1	7426.0	922.5	8068.0	921.2	8670.0	921.1	8772.0	917.5	8831.0
GR	920.1	9149.0	920.4	9522.0	919.9	9740.0	919.6	9888.0	915.7	9908.0
	916.1	10000.0	916.0	10095.0	929.0	10209.0	917.1	10273.0	916.6	10424.0
	919.7	10448.0	920.7	10644.0	926.6	10667.0	919.1	10704.0	921.3	11646.0
GR	921.5	12511.0	921.7	13595.0	921.7	14582.0	923.3	15500	923.8	15950
GR	925.0	16200								
ET	0.73		7.1				8980	11280		
NH	5	.10	8800	.045	9917	.035	10162	.05	10655	.10
NH	15560									
X1	0.73	39.0	9917	10162	510	490	500			
GR	926.5	3285.0	926.3	3986.0	925.6	4737.0	925.2	5415.0	925.6	5760.0
GR	925.6	5797.0	925.7	5889.0	925.7	5945.0	924.5	6306.0	924.5	7206.0
GR	924.3	8340.0	921.6	8530.0	921.3	8800.0	921.1	8982.0	919.1	8999.0
GR	918.6	9126.0	921.0	9195.0	920.8	9760.0	920.0	9917.0	917.8	9927.0
GR	917.9	10000.0	916.9	10087.0	919.0	10100.0	928.8	10162.0	919.2	10205.0
GR	917.0	10479.0	919.8	10521.0	918.9	10591.0	928.7	10655.0	919.2	10697.0
GR	919.2	10771.0	922.2	10794.0	921.6	11725.0	922.6	11783.0	924.5	12394.0
GR	924.5	13563.0	924.0	14000	924.3	15050	926.0	15560		
ET	0.83		7.1				8983	11150		
NH	5	.10	8920	.045	9925	.035	10128	.05	10717	.10
NH	14828									
X1	0.83	29.0	9925	10128	495	495	495			
GR	928.3	3800.0	925.2	5150.0	925.1	6300.0	925.2	8028.0	922.1	8616.0
GR	921.7	8920.0	921.7	8934.0	920.2	8952.0	921.1	9120.0	921.8	9540.0
GR	921.7	9770.0	920.9	9925.0	918.3	9940.0	918.5	10000.0	917.6	10060.0
	917.3	10080.0	925.9	10128.0	918.7	10150.0	918.8	10277.0	922.5	10302.0
	923.1	10717.0	929.2	10742.0	922.6	10778.0	924.3	11882.0	924.4	12871.0
GR	925.2	14360	928.0	14650	932.0	14700	932.0	14828		

```
ET    0.92              7.1                                  9100     11130
NH       5      .10     8330     .045     9614     .035     10222      .05     10944      .10
NH   14280
X1    0.92     32.0     9614    10222      445      440       440
GR   928.0   5200.0    925.6   5350.0    925.9   6388.0     928.2   6415.0     925.9   7213.0
GR   926.8   8231.0    926.4   8330.0    925.3   8450.0     924.2   8611.0     924.2   9039.0
GR   925.2   9078.0    920.8   9108.0    921.1   9200.0     922.3   9239.0     923.3   9614.0
GR   922.5   9720.0    920.9   9922.0    919.3  10000.0     919.8  10150.0     919.9  10172.0
GR   930.7  10222.0    920.6  10256.     924.9  10397.0     923.9  10903.0     929.9  10922.0
GR   930.0  10944.0    923.0  10982.     924.5  12062.0     924.5   12500      926.3   13900
GR   928.0   14100     931.8   14280

ET    1.01              7.1                                  9300     11250
NH       5      .10     8490     .045     9682     .035     10471      .05     11284      .10
NH   14000
X1    1.01     35.0     9682    10471      440      440       440
GR   928.9   4205.0    928.5   5661.0    929.2   6721.0     928.4   7602.0     928.7   8490.0
GR   928.7   8566.0    928.2   8695.0    928.3   8740.0     928.5   9048.0     928.6   9151.0
GR   928.8   9185.0    922.0   9235.0    921.8   9300.0     921.4   9400.0     924.5   9437.0
GR   924.9   9682.0    921.5  10000.0    921.2  10380.0     921.2  10405.0     931.4  10471.0
GR   924.0  10505.     924.0  10677.0    924.0  10694.0     924.0  10715.0     922.9  10733.0
GR   923.6  10830.     929.5  10849.0    924.2  10867.0     925.3  11259.0     930.4  11284.0
GR   930.4  11298.     924.4  11319.0    924.6  12194.0     929.7   13800      932.0   14000

ET    1.10              7.1                                  9450     11220
NH       5      .10     8600     .045     9719     .035     10678      .05     11128      .10
NH   13600
X1    1.10     37.0     9719    10678      500      470       490
GR   929.3   6000.0    930.4   6858.0    929.4   7741.0     929.3   8585.0     929.3   8600.0
GR   929.6   8801.0    928.2   9000.0    931.4   9071.0     919.5   9267.0     920.8   9325.0
GR   923.6   9368.0    924.3   9660.0    923.6   9700.0     923.2   9719.0     922.5  10000.0
GR   923.1  10141.0    923.0  10171.0    923.0  10387.0     923.0  10419.0     923.0  10556.0
GR   923.0  10595.0    934.3  10678.0    925.5  10729.0     924.0  10913.0     924.0  10941.0
GR   924.0  10966.0    924.7  11005.0    927.9  11017.0     927.9  11033.0     924.6  11128.0
GR   929.4  11150.0    925.5  11188.0    925.5  11400.0     925.6  11660.0     926.3  12105.0
GR   928.0   13150     930.3   13600

ET    1.17              7.1                                  9400     11020
NH       5      .10     8500     .045     9917     .035     10654      .05     11220      .10
NH   13150
X1    1.17     25.0     9917    10654      560      490       540
GR   932.2   6215.0    929.9   7229.0    929.9   7805.0     929.7   8500.0     929.7   8639.0
GR   926.5   8784.0    927.1   9032.0    928.5   9439.0     926.8   9778.0     927.2   9917.0
GR   923.7   9929.0    923.6   9940.0    924.3  10000.0     923.6  10113.0     924.3  10142.0
GR   924.3  10608.0    926.6  10620.0    933.0  10654.0     924.0  10704.0     927.0  11220.0
GR   927.3  11266.0    926.6  11765.0    926.8  12280.0     930.3   13060      934.0   13150

ET    1.25              7.1                                  9200     10700
NH       5      .10     8340     .045     9974     .035     10571      .05     11240      .10
NH   13000
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X1    1.25      24.0      9974      10571      480       490       485
GR    933.2     6235.0    931.2     6887.0     932.2     8114.0    932.2     8340.0    932.2     8429.0
GR    927.9     8531.0    930.3     8831.0     927.5     9204.0    930.3     9306.0    929.1     9974.0
GR    926.2     9990.0    924.4     10000.0    924.4     10533.0   933.6     10571.0   924.4     10594.0
GR    924.4     10702.0   929.8     10742.0    930.1     11083.0   929.4     11240.0   928.7     11410.0
GR    928.5     12013.0   930.4     12109.0    936.0     12500     940.0     13000

ET    1.33                7.1                                      8853      10470
NH    5         .10       8120      .045       9911      .035      10456     .05       11200     .10
NH    12490
        ****************************************
        ***** END NONSTRUCTURAL DIKES ********
        ****************************************
X1    1.33      32.0      9911      10456      485       500       495
GR    934.6     6000.0    933.3     6025.0     932.9     6490.0    931.0     6748.0    931.3     7154.0
GR    931.8     7239.0    933.2     7837.0     934.0     8038.0    931.1     8083.0    930.0     8120.0
GR    929.8     8339.0    931.4     8777.0     929.3     8916.0    931.1     8945.0    929.8     9282.0
GR    929.1     9911.0    927.0     9920.0     927.0     10000.0   925.9     10122.0   925.5     10364.0
GR    932.0     10456.0   925.5     10490.0    931.1     10701.0   931.6     11006.0   930.6     11200.0
GR    930.4     11242.0   934.9     11261.0    931.9     11306.0   933.2     11377.0   934.8     11409.0
GR    936.3     12061.0   941.3     12490.0
   NON-STRUCTURAL DIKES BETWEEN SECTIONS 1.40 AND 2.10 IN LEFT OVERBANK
   ARE ASSUMED NON-EFFECTIVE.

      1.40                7.1                                      8550      10306
      .045      .05       .035
X1    1.40      26.0      9748      10305      430       485       475
GR    935.7     5935.0    932.0     6523.0     934.9     7105.0    934.4     7578.0    935.1     7675.0
GR    938.3     7684.0    938.3     7694.0     932.6     7717.0    934.2     8141.0    932.3     8517.0
GR    932.0     8913.0    931.6     9748.0     929.1     9770.0    929.0     9876.0    928.8     9957.0
GR    927.6     10000.0   927.1     10285.0    935.2     10305.0   927.9     10330.0   931.0     10380.0
GR    931.7     10500.0   932.0     10717.0    935.2     10937.0   936.6     11245.0   938.0     11327.0
GR    940.0     11836.0

ET    1.48                7.1                                      8370      10280
X1    1.48      23.0      9441      10279      450       520       505
GR    939.0     6000.0    934.8     6383.0     932.5     6699.0    933.5     7062.0    936.6     7336.0
GR    939.9     7347.0    939.9     7360.0     932.9     7434.0    934.1     7639.0    933.9     8044.0
GR    932.9     8368.0    933.5     8794.0     933.2     9118.0    932.9     9441.0    929.4     9799.0
GR    927.3     9816.0    927.5     10000.0    926.7     10206.0   932.5     10237.0   933.3     10279.0
GR    934.5     10343.    945.5     10436.0    946.7     10552.0

ET    1.56                7.1                                      8330      10173
X1    1.56      32        9493.5    10172      370       515       495
GR    940.0     6400.0    935.8     6507.0     932.7     6583.7    933.0     6879.4    934.8     7130.2
GR    940.4     7141.1    940.4     7158.6     934.3     7172.1    932.3     7320.7    933.7     7714.5
GR    932.0     7797.1    933.1     7911.0     933.5     8292.1    933.5     8654.4    933.2     8792.3
GR    932.8     9081.8    930.4     9135.4     929.8     9202.0    932.2     9220.0    932.1     9238.3
GR    930.8     9250.5    930.8     9268.2     932.2     9278.3    932.2     9493.5    926.5     9504.2
GR    926.6     9651.5    926.3     10000.0    926.1     10145.1   939.0     10172.0   943.2     10582.1
GR    943.8     10849.4   948.4     11118.0
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ET    1.64              7.1                                   8360     10312
X1    1.64       30    9224.4   10311.3      380       540    510
GR   942.5   5971.0    942.5    6431.1    938.5    6466.5   935.9    6871.7    942.5    6885.4
GR   942.5   6899.0    934.6    6916.1    933.6    7307.5   934.6    7599.0    932.1    7650.5
GR   934.5   7769.0    934.5    7989.3    932.9    8037.6   934.8    8150.0    934.6    8543.2
GR   934.5   8779.8    934.2    8987.7    931.8    9030.6   934.2    9056.7    934.0    9213.9
GR   931.3   9224.4    931.3    9368.2    928.0    9380.9   928.0    9560.3    927.9   10000.0
GR   928.4  10286.6    935.2   10311.3    938.5   10541.3   950.8   10987.3    952.7   11328.0

ET    1.71              7.1                                   8350     10285
X1    1.71       44    9091    10284.4      370       525    495
GR   940.9   5684.9    943.3    5808.0    945.3    6004.6   945.1    6078.9    947.4    6100.1
GR   947.4   6117.9    939.1    6148.7    948.7    6187.8   948.6    6226.4    934.0    6296.9
GR   936.8   6795.4    942.6    6807.8    942.6    6816.3   935.2    6833.2    933.6    7016.1
GR   935.7   7029.0    935.7    7052.6    932.4    7065.5   932.0    7135.0    934.3    7164.7
GR   934.3   7198.3    931.9    7209.5    934.6    7333.9   933.3    7541.5    933.4    7601.4
GR   936.1   7704.9    936.0    8010.3    935.3    8305.9   935.8    8591.1    935.4    8888.0
GR   935.8   9091.0    933.0    9104.6    933.1    9230.9   931.1    9247.7    929.7    9534.8
GR   928.2   9542.9    928.2    9966.4    928.2   10000.0   930.4   10058.7    930.5   10277.8
GR   935.9  10284.4    941.2   10511.3    951.5   11351.7   952.3   11442.6

ET    1.79              7.1                                   8260     10253
X1    1.79       40    8982.8   10252.2      270       540    500
GR   945.4   5859.7    948.0    6020.8    951.5    6030.4   940.6    6171.9    937.6    6183.7
GR   938.7   6195.5    938.4    6217.5    935.8    6244.4   936.4    6656.1    941.8    6670.9
GR   941.8   6684.7    935.8    6696.9    936.3    6796.0   944.5    6807.6    944.5    6816.2
GR   936.1   6836.1    937.4    7002.1    935.9    7226.7   934.4    7523.2    936.2    7537.5
GR   937.1   7837.2    936.9    8019.2    935.7    8203.0   936.5    8507.4    936.8    8749.1
GR   936.4   8982.8    933.6    8991.6    932.4    9293.8   930.3    9388.0    932.2    9425.8
GR   932.4   9540.5    929.7    9571.1    929.2    9685.9   929.2    9831.1    930.7   10000.0
GR   929.2  10224.9    936.3   10252.2    943.2   10542.3   948.2   10996.3    952.7   11389.3

ET    1.87       9.1       7.1                                   8190     10051     6000     10051
         ****************************************
         ***** BEGIN WEST BANK LEVEE **********
         ****************************************
X1    1.87       35    8841.4   10050.0      200       510    475
GR   945.0   5635.3    949.8    5891.6    951.8    5966.3   949.9    6124.7    938.3    6184.0
GR   936.7   6867.9    943.5    6888.1    943.6    6903.7   937.3    6922.7    934.8    6963.8
GR   936.8   6986.5    938.0    7150.6    936.9    7313.3   935.6    7357.9    934.8    7508.3
GR   938.0   7648.7    937.8    7959.1    936.4    8126.1   937.4    8428.2    938.1    8746.2
GR   934.4   8841.4    932.4    9098.4    932.1    9275.0   932.9    9528.1    931.4    9544.2
GR   931.4   9822.4    931.1   10000.0    931.2   10050.0   930.8   10250.6    938.7   10268.5
GR   944.2  10663.4    948.3   10701.7    947.3   10902.9   951.2   11290.4    953.2   11505.5
   BEGIN LEVEE RIGHT BANK SECTION 1.94

ET    1.94              7.1                                   8210     10063.3
X1    1.94       30    8654.9   10063.3      200       540    520
GR   950.2   5544.2    945.9    5742.0    949.8    5887.9   953.0    6033.9    943.4    6166.0
GR   940.8   6245.9    938.2    6256.8    936.8    6547.8   937.4    6963.8    944.3    6982.4
GR   944.3   6999.6    937.0    7022.3    935.9    7064.7   938.0    7095.2    938.7    7342.6
GR   938.4   7430.6    936.1    7462.5    936.5    7591.9   938.8    7667.5    938.7    7987.0
GR   936.9   8041.7    937.8    8375.2    938.2    8654.9   933.9    8673.3    934.3    9158.5
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GR	934.2	9446.2	932.3	9835.8	932.6	10000.0	934.0	10054.1	944.5	10063.3
ET	2.02		7.1				8410	10078		
X1	2.02	31	8839.4	10077.3	220	475	470			
GR	950.0	5981.1	948.6	6066.6	951.6	6121.6	954.7	6293.7	955.1	6434.3
GR	940.7	6514.7	939.9	6533.9	937.1	6557.3	936.4	6934.6	937.1	7244.1
GR	944.6	7260.1	944.6	7278.4	937.0	7304.1	936.3	7340.1	938.6	7388.3
GR	938.4	7687.8	936.3	7711.0	938.5	7824.6	938.8	7961.0	937.2	8390.4
GR	938.4	8544.9	938.1	8839.4	935.2	8854.5	935.2	9121.5	935.4	9418.2
GR	934.2	9860.0	932.7	9918.6	933.3	10000.0	934.5	10062.4	944.8	10077.3
GR	944.8	10079.1								
ET	2.10		7.1				8640	10166		
X1	2.10	28	8997.7	10165.4	280	450	440			
GR	954.3	6270.6	954.6	6362.7	952.8	6418.8	951.0	6489.6	954.2	6636.6
GR	951.4	6705.4	945.5	6741.6	940.3	6947.5	938.4	7284.2	937.8	7594.7
GR	944.1	7608.1	944.1	7625.3	938.3	7638.4	936.3	7695.9	939.4	7783.5
GR	940.7	7910.0	938.4	8141.9	938.5	8570.4	939.6	8855.2	938.7	8997.7
GR	937.1	9019.7	935.8	9320.1	937.1	9621.2	934.3	9638.9	934.3	10000.0
GR	935.2	10152.0	946.7	10165.4	946.7	10172.6				
ET	2.18		7.1				8920	10405.1		
X1	2.18	19	9390.6	10405.1	280	420	400			
GR	952.1	6729.9	952.2	6849.9	950.0	6882.9	950.4	6998.0	955.5	7118.0
	940.2	7376.3	939.4	7878.5	939.9	8327.0	938.5	8469.2	939.7	8768.5
	939.3	9030.0	938.3	9390.6	938.1	9626.3	936.5	9650.4	934.5	9836.0
GR	934.4	10000.0	935.3	10117.5	935.3	10391.1	947.1	10405.1		
ET	2.25		7.1				9000	10365.7		
X1	2.25	23	9684.2	10365.7	260	510	490			
GR	954.6	6973.8	953.6	7063.0	957.3	7084.1	945.1	7408.7	953.4	7513.4
GR	951.1	7578.6	940.4	7676.3	940.6	8186.8	940.0	8478.1	941.4	8489.6
GR	940.9	8645.7	938.5	8690.0	940.7	8962.5	940.0	9279.9	938.3	9684.2
GR	936.0	9696.4	937.2	9756.3	935.8	9964.0	935.3	10000.0	935.0	10117.0
GR	936.7	10131.4	936.9	10351.5	949.3	10365.7				
ET	2.33		7.1				8980	10339.4		
X1	2.33	20	9548.8	10339.4	380	490	490			
GR	955.8	7045.3	958.5	7085.4	954.0	7227.0	942.3	7809.4	943.1	7838.7
GR	941.1	7934.6	940.7	8401.7	939.5	8650.4	941.2	8697.6	941.3	8936.8
GR	940.0	8954.8	940.1	9280.5	940.3	9548.8	938.3	9698.8	937.7	9922.9
GR	936.4	9938.9	936.2	10000.0	936.2	10087.5	938.9	10316.6	949.6	10339.4
ET	2.41		7.1				9180	10790		
X1	2.41	20	9735.9	10550.0	350	500	500			
GR	962.0	7263	959.3	7518.0	954.9	7587.2	952.7	7738.2	952.5	7876.7
GR	951.3	8043.5	941.5	8423.9	941.8	8908.1	941.5	9149.3	942.2	9516.6
GR	941.6	9735.9	937.9	9829.9	937.4	10000.0	940.4	10258.0	940.4	10367.9
GR	938.5	10449.1	940.6	10550	942.4	10632.6	941.6	10800.0	951.1	10810.0

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ET     2.51                7.1                                    9320      10840
X1     2.51         25    9609.3    10760.0       510       345     495
GR    962.2       7481    961.4     7587.5     966.2    7682.9   960.1    7980.9     964.0    8029.4
GR    955.2     8101.8    958.1     8206.7     952.8    8303.6   954.2    8345.7     952.1    8457.0
GR    947.9     8509.0    952.2     8540.8     943.2    8651.5   942.6    9047.3     941.3    9179.8
GR    942.9     9211.8    943.9     9609.3     938.8    9636.7   938.7   10000.0     940.3   10091.8
GR    940.4    10330.9    941.0    10598.6     943.7   10760.0   944.5   10809.0     952.8      10860

ET     2.60                7.1                                    9300      11160
NC      .04        .04     .035
X1     2.60         26     9437     10850       640       230     505
GR    967.1       7292    967.4     7442.4     961.7    7739.8   957.5    7927.3     953.0    8217.8
GR    947.7     8560.5    944.7     8730.1     944.9    9057.3   944.8    9437.0     940.5    9449.9
GR    941.9     9684.7    939.6     9951.4     939.6   10000.0   939.6   10090.3     941.7   10102.7
GR    943.1    10322.7    940.5    10500.3     946.6   10580.6   946.6   10625.8     945.8   10652.9
GR    942.2    10671.4    943.4    10811.0     943.6   10850.0   944.8   11140.9     954.6   11152.0
GR    954.6      11164

ET     2.70                7.1                                    9180      11238
X1     2.70         23    9268.0     11238       790       265     500
GR    973.3       7118    972.6     7364.3     965.5    7682.7   953.1    8465.4     945.5    8596.8
GR    946.0     9106.8    945.2     9268.0     941.9    9286.7   943.0    9517.5     943.0    9639.8
GR    941.3     9672.5    940.4     9879.6     942.1   10000.0   942.1   10084.8     945.5   10132.0
GR    942.2    10207.1    942.2    10369.3     944.8   10394.7   944.8   10466.1     942.8   10486.0
GR    944.4    10745.5    945.8    11226.7     955.5     11238

ET     2.80                7.1                                    9160      11222
         ****************************************
         *****      EAST BANK LEVEE        *****
         ***** CROSS SECTIONS 2.80 & 2.89 *****
         ****************************************
X1     2.80         19     9200     11222       460       390     500
GR    956.4     8817.0    952.8     8856.3     944.9    9060.9   943.4     9200     943.2    9214.4
GR    943.5     9447.6    942.0    10000.0     943.9   10091.2   943.9   10170.9     942.8   10185.3
GR    943.0    10439.2    945.6    10464.6     945.8   10582.0   943.7   10628.0     945.8   10774.1
GR    945.7    10820.4    942.3    10890.9     945.9   11203.4   956.6     11222

ET     2.89                7.1                                    9200    11261.2
         ****************************************
         *****      EAST BANK LEVEE        *****
         ***** CROSS SECTIONS 2.80 & 2.89 *****
         ****************************************
X1     2.89         14    9672.7    11261.2       485       415     485
GR    956.3     9036.4    945.7     9072.8     942.8    9142.7   942.8    9349.2     943.8    9383.0
GR    943.8     9672.7    943.0     9691.4     942.9    9950.5   942.9   10000.0     944.2   10381.7
GR    945.3    10624.7    945.8    10895.8     947.6   11244.6   958.0   11261.2

ET     2.99                7.1                                    9323    11260.5
X1     2.99       25.0    9323.3    11260.5       510       430     510
GR    962.6     7939.8    960.0     8267.7     951.0    8367.2   950.9    8599.5     950.0    8850.0
GR    949.2     9079.5    945.0     9220.0     948.6    9297.9   948.6    9323.3     942.4    9360.9
GR    942.3     9406.1    944.0     9444.6     944.3    9603.0   943.2    9617.2     943.0    9673.1
GR    943.0     9950.0    943.0    10000.0     943.1   10383.7   944.9   10446.9     948.5   10615.0
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GR	946.6	10883.2	942.8	10924.1	945.4	11084.4	947.0	11240.7	959.0	11260.5
ET	3.08		7.1				9393	11278.2		
X1	3.08	20	9394.2	11278.2	550	380	500			
GR	963.8	7362.4	958.2	8042.5	959.4	8129.2	956.3	8659.2	951.4	8684.6
GR	949.5	9339.0	951.4	9394.2	946.4	9411.6	945.4	9444.8	943.5	9456.0
GR	943.1	10000.0	942.8	10466.0	946.6	10482.8	949.0	10575.0	947.7	10691.4
GR	945.7	10743.6	945.3	10903.2	942.5	10939.8	948.1	11258.6	960.0	11278.2
ET	3.18		7.1				9545	11211.1		
X1	3.18	20.0	9545.9	11211.1	680	350	500			
GR	963.9	7657.9	956.6	8228.7	958.0	8311.2	955.3	8840.9	950.7	8878.1
GR	951.3	9207.9	951.3	9514.4	952.2	9545.9	945.1	9575.3	944.2	9620.0
GR	943.5	9653.8	943.4	10000.0	943.9	10376.0	951.8	10390.0	950.2	10431.2
GR	947.9	10455.7	947.2	10723.6	944.7	10958.7	948.3	11195.1	959.2	11211.1
ET	3.27		7.1				9692	11130.5		
X1	3.27	17	9692.6	11130.5	575	420	510			
GR	961.5	7808.3	958.3	8137.4	956.3	8362.4	953.4	9316.6	950.7	9692.6
GR	945.5	9724.1	944.5	9770.5	944.8	10000.0	944.8	10158.6	951.4	10188.1
GR	947.8	10278.9	948.5	10405.5	944.5	10606.9	944.5	10822.2	945.7	10915.2
GR	948.5	11116.0	960.5	11130.5						
ET	3.37		7.1				9750	10970.3		
	3.37	17	9716.5	10970.3	585	460	510			
	961.6	7874.4	957.2	8296.6	954.5	8930.2	950.8	9667.0	950.9	9716.5
GR	945.1	9738.3	945.1	10000.0	945.5	10237.8	948.9	10256.9	946.7	10280.2
GR	945.1	10477.2	945.1	10515.3	945.6	10619.0	943.4	10669.0	950.7	10741.4
GR	949.3	10945.1	961.9	10970.3						
ET	3.40		7.1				9730	10928.5		

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DIVIDED FLOW AT TRANSMISSION TOWER

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X1	3.40	23	9760.9	10928.5	175	175	175			
GR	961.9	7939.2	957.7	8317.0	955.0	9117.3	952.3	9683.9	952.0	9760.9
GR	945.4	9784.1	945.4	10000.0	945.4	10039.4	950.7	10054.0	951.3	10107.8
GR	953.0	10116.4	953.1	10158.4	951.2	10170.2	951.1	10228.2	945.2	10238.1
GR	945.1	10277.1	950.5	10294.4	948.9	10485.8	946.0	10546.7	949.6	10607.8
GR	950.1	10703.8	952.3	10913.8	963.2	10928.5				
ET	3.43		7.1				9700	10873.4		
X1	3.43	12	9758.5	10873.4	165	160	165			
GR	961.5	7958.9	957.8	8287.1	956.3	8796.5	955.8	9654.5	953.0	9684.2
GR	952.8	9758.5	946.2	9788.6	946.0	10000.0	946.0	10271.7	951.1	10293.1
GR	951.1	10849.9	963.7	10873.4						
ET	3.47		7.1				9650	10811.2		
X1	3.47	12	9779.1	10811.2	200	200	200			
GR	960.8	7985.2	957.0	8505.9	955.5	9212.5	953.7	9694.6	953.2	9779.1
	946.1	9811.1	946.1	10000.0	946.1	10293.1	951.0	10316.8	951.5	10589.1
GR	952.6	10793.4	965.1	10811.2						

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ET    3.55              7.1                                  9540    10684.5
X1    3.55        12    9813.5    10684.5     395      395    395
GR    962.5    7987.2   957.8     8515.4     957.3    8953.5  953.0   9750.6    952.3    9813.5
GR    948.0    9824.3   948.0    10000.0     948.2   10330.9  951.2  10339.8    952.4   10461.9
GR    953.9   10669.0   964.0    10684.5

ET    3.64              7.1                                  9430    10593
X1    3.64        22    9574.7    10593.9     480      480    480
GR    964.1    8083.6   959.1     8247.8     959.4    8668.0  959.3   9544.2    963.1    9559.3
GR    963.2    9574.7   959.3     9594.4     958.4    9762.8  952.7   9785.9    952.3    9829.7
GR    949.9    9837.5   949.9     9867.7     951.2    9881.8  951.7  10004.4    951.1   10170.0
GR    949.5   10358.3   948.8    10389.3     951.1   10405.1  952.3  10560.9    954.8   10570.4
GR    954.9   10580.1   965.2    10593.9

ET    3.69              7.1                                  9430    10575
X1    3.69        10    9510      10575     240      240    240
GR     959      9330     960       9510     964      9520    959     9530      956      9685
GR     952     10170     951      10340     952     10470    954    10550      966     10575

ET   3.729              7.1                                  9419    10604
X1   3.729       6.0    9420      10603     260      270    265
GR   972.0      9405     968       9420    952.2     9425   952.2   10588    967.2     10603
GR   967.2     10613

NC                                  0.3       0.5
          ******************************
          *****    BUCKEYE ROAD    *****
          ***** LOW CHORD = 967.4 *****
          ******************************
X1   3.734      63.0   9400.9    10599.3      25       25     25
BT      61    9400.8    972.4     972.4   9400.9     974.9  967.5   9422.1    974.9     967.5
BT  9474.5     974.8    967.4    9474.6    974.8     952.3 9481.6    974.8    952.3    9481.7
BT   974.8     967.4   9554.7     974.8    967.4    9554.8  974.8    952.3   9561.8     974.8
BT   952.3    9561.9    974.8     967.4   9634.6     974.7  967.3   9634.7    974.7     952.3
BT  9641.7     974.7    952.3    9641.8    974.7     967.3 9714.5    974.6    967.2    9714.6
BT   974.6     952.3   9721.6     974.6    952.3    9721.7  974.6    967.2   9794.7     974.5
BT   967.1    9794.8    974.5     952.3   9801.8     974.5  952.3   9801.9    974.5     967.1
BT  9874.9     974.4    967.0    9875.0    974.4     952.3 9882.0    974.4    952.3    9882.1
BT   974.4     967.0   9955.1     974.4    967.0    9955.2  974.4    952.3   9962.2     974.4
BT   952.3    9962.3    974.4     967.0  10034.9     974.3  966.9  10035.0    974.3     952.3
BT  10042      974.3    952.3   10042.1    974.3     966.9 10115.1    974.2    966.8   10115.2
BT   974.2     952.3  10122.2     974.2    952.3   10122.3  974.2    966.8  10194.8     974.1
BT   966.7   10194.9    974.1     952.3  10201.9     974.1  952.3  10202.0    974.1     966.7
BT  10275      974.0    966.6   10275.1    974.0     952.3 10282.1    974.0    952.3   10282.2
BT   974.0     966.6  10355.2     974.0    966.6   10355.3  974.0    952.3  10362.3     974.0
BT   952.3   10362.4    974.0     966.6  10434.9     973.9  966.5  10435.0    973.9     952.3
BT  10442      973.9    952.3   10442.1    973.9     966.5 10515.1    973.8    966.4   10515.2
BT   973.8     952.3  10522.2     973.8    952.3   10522.3  973.8    966.4  10599.3     973.8
BT   967.6   10599.4    971.1     971.1
GR   972.4    9400.8    967.5    9400.9    952.3    9416.0  952.3    9422.1    952.3    9474.5
GR   952.3    9474.6    952.3    9481.6    952.3    9481.7  952.3    9554.7    952.3    9554.8
GR   952.3    9561.8    952.3    9561.9    952.3    9634.6  952.3    9634.7    952.3    9641.7
GR   952.3    9641.8    952.3    9714.5    952.3    9714.6  952.3    9721.6    952.3    9721.7
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GR    952.3    9794.7    952.3    9794.8    952.3    9801.8    952.3    9801.9    952.3    9874.9
GR    952.3    9875.0    952.3    9882.0    952.3    9882.1    952.3    9955.1    952.3    9955.2
GR    952.3    9962.2    952.3    9962.3    952.3   10034.9    952.3   10035.0    952.3   10042.0
GR    952.3   10042.1    952.3   10115.1    952.3   10115.2    952.3   10122.2    952.3   10122.3
GR    952.3   10194.8    952.3   10194.9    952.3   10201.9    952.3   10202.0    952.3   10275.0
GR    952.3   10275.1    952.3   10282.1    952.3   10282.2    952.3   10355.2    952.3   10355.3
GR    952.3   10362.3    952.3   10362.4    952.3   10434.9    952.3   10435.0    952.3   10442.0
GR    952.3   10442.1    952.3   10515.1    952.3   10515.2    952.3   10522.2    952.3   10522.3
GR    952.3   10585.2    967.6   10599.3    971.1   10599.4

X1    3.747                                   70        70        70
X2                                                                  1

X1    3.757       7.0     9425    10555       50        50        50
GR    968.3    9400.0    966.5    9425.0    952.3    9454.0    952.4    9708.0    952.1   10000.0
GR    952.1   10538.0    967.7   10555.0

            ******************************
            ***** SO. PACIFIC R.R.  *****
            ***** LOW CHORD = 966.1 *****
            ******************************
X1    3.767        92    9428.1   10572.0       50        50        50
BT       76    9428.0    970.9    970.9    9428.1    970.9    966.9    9457.5    970.9    966.9
BT   9457.6     970.9    952.9   9460.6     970.9    952.9   9460.7     970.9    966.9   9492.4
     970.9     966.9   9492.5     970.9    952.9   9498.5     970.9    952.9   9498.6    970.9
     966.9    9510.4    970.9    966.9    9510.5    970.9    952.9    9513.5    970.9    952.9
BT   9513.6    970.9    966.9   9525.5     970.9    966.9   9525.6     970.9    952.9   9528.6
BT    970.9    952.9   9528.7     970.9    966.9   9540.4     970.9    966.9   9540.5    970.9
BT    952.9   9543.5    970.9    952.9    9543.6    970.9    966.9    9555.4    970.9    966.9
BT   9555.5    970.9    952.9   9558.5     970.9    952.9   9558.6     970.9    966.9   9570.4
BT    970.9    966.9   9570.5     970.9    952.9   9573.5     970.9    952.9   9573.6    970.9
BT    966.9   9585.4    970.9    966.9    9585.5    970.9    952.9    9588.5    970.9    952.9
BT   9588.6    970.9    966.9   9600.4     970.9    966.9   9600.5     970.9    952.9   9625.0
BT    970.9    952.9   9625.1     970.9    966.1  10374.9     970.9    966.1     10375    970.9
BT    952.9  10400.2    970.9    952.9   10400.3    970.9    966.9   10410.9    970.9    966.9
BT    10411    970.9    952.9  10414.9     970.9    952.9    10415    970.9    966.9  10426.9
BT    970.9    966.9  10427.0    970.9    952.9  10430.0    970.9    952.9  10430.1    970.9
BT    966.9  10441.8    970.9    966.9   10441.9    970.9    952.9   10444.9    970.9    952.9
BT    10445    970.9    966.9  10456.9     970.9    966.9    10457    970.9    952.9  10460.0
BT    970.9    952.9  10460.1    970.9    966.9  10472.0    970.9    966.9  10472.1    970.9
BT    952.9  10475.1    970.9    952.9   10475.2    970.9    966.9   10486.9    970.9    966.9
BT    10487    970.9    952.9  10490.0     970.9    952.9  10490.1    970.9    966.9  10501.9
BT    970.9    966.9  10502.0    970.9    952.9  10508.9    970.9    952.9  10509.0    970.9
BT    966.9  10540.8    970.9    966.9   10540.9    970.9    952.9   10543.9    970.9    952.9
BT    10544    970.9    966.9  10571.9     970.9    966.9    10572    970.9    970.9
GR    970.9    9428.0   966.9    9428.1    952.9    9457.5   952.9    9457.6   952.9    9460.6
GR    952.9    9460.7   952.9    9492.4    952.9    9492.5   952.9    9498.5   952.9    9498.6
GR    952.9    9510.4   952.9    9510.5    952.9    9513.5   952.9    9513.6   952.9    9525.5
GR    952.9    9525.6   952.9    9528.6    952.9    9528.7   952.9    9540.4   952.9    9540.5
GR    952.9    9543.5   952.9    9543.6    952.9    9555.4   952.9    9555.5   952.9    9558.5
GR    952.9    9558.6   952.9    9570.4    952.9    9570.5   952.9    9573.5   952.9    9573.6
GR    952.9    9585.4   952.9    9585.5    952.9    9588.5   952.9    9588.6   952.9    9600.4
GR    952.9    9600.5   952.9    9625.0    952.9    9625.1   952.9    9761.9   966.1    9762.0
GR    966.1    9778.0   952.9    9778.1    952.9    9915.0   966.1    9915.1   966.1    9931.1
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GR    952.9    9931.2    952.9   10068.9    966.1   10069.0    966.1   10085.0    952.9   10085.1
GR    952.9   10220.9    966.1   10221.0    966.1   10237.0    952.9   10237.1    952.9   10374.9
GR    952.9   10375.0    952.9   10400.2    952.9   10400.3    952.9   10410.9    952.9   10411.0
GR    952.9   10414.9    952.9   10415.0    952.9   10426.9    952.9   10427.0    952.9   10430.0
GR    952.9   10430.1    952.9   10441.8    952.9   10441.9    952.9   10444.9    952.9   10445.0
GR    952.9   10456.9    952.9   10457.0    952.9   10460.0    952.9   10460.1    952.9   10472.0
GR    952.9   10472.1    952.9   10475.1    952.9   10475.2    952.9   10486.9    952.9   10487.0
GR    952.9   10490.0    952.9   10490.1    952.9   10501.9    952.9   10502.0    952.9   10508.9
GR    952.9   10509.0    952.9   10540.8    952.9   10540.9    952.9   10543.9    952.9   10544.0
GR    967.2   10571.9    970.9   10572.0

X1    3.770                          20         20         20
X2                                                         1
   BEGIN LEVEE LEFT BANK SECTION 3.78

NC     .04      .04      .03       0.1       0.3
QT       2    52000    52000
X1    3.78      7.0   9444.0   10572.0        35         35         35
GR   968.0   9444.0    953.4    9464.0     952.9    10000.0     952.9    10388.0     953.2    10554.0
GR   968.0  10572.0    968.1   10586.0

X1    3.80      8.0     9439    10590       125        125        125
GR   967.5   9439.0    953.9    9463.0     953.2     9699.0     953.1     9904.0     953.1    10000.0
GR   953.2  10302.0    953.2   10555.0     968.2    10590.0

X1    3.81     15.0     9447    10596        85         75         80
GR   967.5   9425.0    967.5    9447.0     953.4     9467.0     953.7     9800.0     963.9     9816.0
GR   961.7   9824.0    961.7    9882.0     964.9     9890.0     953.3     9911.0     953.3    10000.0
GR   953.3  10311.0    953.3   10559.0     962.7    10568.0     962.8    10582.0     968.5    10596.0

X1    3.83     11.0     9429    10577       105        105        105
GR   968.0   9420.0    968.0    9429.0     958.5     9437.0     958.4     9449.0     953.4     9459.0
GR   954.0   9777.0    952.8   10000.0     952.8    10286.0     954.2    10562.0     968.2    10577.0
GR   968.2  10589.0

X1    3.93      8.0     9445    10577       500        500        500
GR   969.1   9430.0    969.1    9445.0     955.3     9461.0     954.7     9732.0     953.5    10000.0
GR   953.5  10323.0    954.4   10556.0     970.6    10577.0

X1    4.02      8.0     9440    10577       500        500        500
GR   971.5   9440.0    954.4    9464.0     954.5     9725.0     953.9    10000.0     953.9    10340.0
GR   955.0  10554.0    970.6   10577.0     970.7    10592.0

X1    4.04     15.0     9450    10582       100        100        100
GR   972.2   9450.0    954.5    9470.0     954.6     9798.0     966.6     9814.0     966.6     9823.0
GR   963.0   9829.0    963.4    9885.0     966.8     9892.0     966.8     9900.0     954.7     9916.0
GR   954.7  10000.0    954.7   10100.0     954.7    10564.0     971.1    10582.0     971.2    10594.0

X1    4.06      7.0     9440    10578       120        120        120
GR   973.4   9440.0    955.1    9465.0     955.0     9757.0     954.9    10000.0     955.0    10558.0
GR   971.6  10578.0    971.6   10582.0
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X1	4.092	7.0	9440	10578	170	170	170			
GR	973.3	9440.0	955.2	9465.0	955.2	9757.0	955.2	10000.0	955.2	10558.0
GR	973.0	10578.0	973.0	10582.0						
X1	4.094	7.0	9440	10578	10	10	10			
GR	973.3	9440.0	958.5	9465.0	958.5	9757.0	958.5	10000.0	958.5	10558.0
GR	973.0	10578.0	973.0	10582.0						
X1	4.16	7.0	9448	10600	330	330	330			
GR	970.1	9430.0	973.6	9448.0	958.9	9471.0	958.6	9717.0	957.2	10000.0
GR	958.7	10569.0	974.3	10600.0						
X1	4.26	7.0	9410	10556	495	495	495			
GR	975.7	9410.0	960.5	9436.0	959.5	9709.0	957.0	10000.0	958.5	10294.0
GR	961.4	10532.0	974.4	10556.0						
X1	4.27	15.0	9449	10588	100	100	100			
GR	975.0	9440.0	974.9	9449.0	959.5	9466.0	958.0	9791.0	970.4	9807.0
GR	970.6	9818.0	968.3	9822.0	967.9	9877.0	971.5	9883.0	971.5	9891.0
GR	958.0	9910.0	957.1	10000.0	958.9	10317.0	959.7	10563.0	974.4	10588.0
X1	4.30	7.0	9458	10594	115	115	115			
GR	974.8	9458.0	959.6	9475.0	958.7	9760.0	957.6	10000.0	958.6	10293.0
	961.1	10573.0	974.9	10594.0						
X1	4.39	6.0	9440	10590	515	445	480			
GR	976.1	9440.0	959.6	9462.0	958.9	9801.0	957.6	10000.0	961.4	10561.0
GR	976.2	10590.0								
X1	4.48	8.0	9435	10586	535	465	500			
GR	978.3	9435.0	961.5	9461.0	959.8	9734.0	957.8	9864.0	957.8	10000.0
GR	959.2	10310.0	960.5	10557.0	975.7	10586.0				
X1	4.50	15.0	9440	10576	110	110	110			
GR	978.4	9440.0	960.8	9462.0	959.5	9740.0	973.9	9758.0	973.9	9769.0
GR	971.1	9772.0	970.9	9830.0	973.8	9834.0	973.8	9844.0	957.8	9863.0
GR	957.8	10000.0	958.0	10262.0	960.4	10557.0	975.9	10576.0	976.5	10592.0
X1	4.52	8.0	9440	10567	115	125	120			
GR	976.5	9440.0	961.4	9457.0	959.1	9772.0	958.0	10000.0	959.2	10301.0
GR	961.7	10550.0	976.0	10567.0	976.0	10578.0				
X1	4.60	8.0	9445	10581	430	420	425			
GR	978.9	9445.0	961.8	9468.0	959.2	9772.0	958.1	10000.0	960.2	10346.0
GR	961.7	10564.0	976.9	10581.0	976.9	10594.0				
X1	4.70	9.0	9451	10579	500	500	500			
GR	978.4	9440.0	978.4	9451.0	961.5	9467.0	960.2	9774.0	959.1	10000.0
	961.1	10353.0	962.8	10562.0	978.8	10579.0	978.9	10595.0		

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                    ******************************
                    *****      VAN BUREN      *****
                    ***** LOW CHORD = 980.6 *****
                    ******************************
X1    4.754      53.0     9402.5   10572.3      150      310      225
X3       10
BT       44    9402.5      988.1     988.1   9427.7    988.1    988.1   9427.8    988.1    980.6
BT   9445.8     988.1      980.6   9525.5     989.4    981.9   9525.6     989.4    960.3   9537.6
BT    989.4     960.3     9537.7    989.4     981.9   9641.5    990.8     983.3   9641.6    990.8
BT    960.3    9653.6      990.8    960.3    9653.7    990.8    983.3    9757.4    991.8    984.3
BT   9757.5     991.8      960.3   9769.5     991.8    960.3   9769.6     991.8    984.3   9873.4
BT    992.3     984.8     9873.5    992.3     960.3   9885.5    992.3     960.3   9885.6    992.3
BT    984.8    9997.8      992.8    985.3    9997.9    992.8    960.3    10009.9    992.8    960.3
BT    10010     992.8      985.3  10105.8       993    985.5  10105.9       993    960.3  10117.9
BT      993     960.3      10118      993     985.5  10221.3    992.8     985.3  10221.4    992.8
BT    960.3   10233.4      992.8    960.3   10233.5    992.8    985.3   10337.9    991.9    984.4
BT    10338     991.9      960.3    10349     991.9    960.3  10349.1     991.9    984.4  10453.5
BT    990.4     982.9    10453.6    990.4     960.3  10465.6    990.4     960.3  10465.7    990.4
BT    982.9   10555.9      988.7    981.2   10572.3    988.7    981.2   10572.4    988.7    988.7
BT    10597     988.7      988.7
GR    973.0    7150.0      972.7   8115.0     973.6   8831.0    984.3    9296.0    988.1   9402.5
GR    988.1    9427.7      980.6   9427.8     960.3   9445.8    960.3    9525.5    960.3   9525.6
GR    960.3    9537.6      960.3   9537.7     960.3   9641.5    960.3    9641.6    960.3   9653.6
GR    960.3    9653.7      960.3   9757.4     960.3   9757.5    960.3    9769.5    960.3   9769.6
GR    960.3    9873.4      960.3   9873.5     960.3   9885.5    960.3    9885.6    960.3   9997.8
GR    960.3    9997.9      960.3  10009.9     960.3    10010    960.3   10105.8    960.3  10105.9
GR    960.3   10117.9      960.3  10118.0     960.3  10221.3    960.3   10221.4    960.3  10233.4
GR    960.3   10233.5      960.3  10337.9     960.3  10338.0    960.3   10349.0    960.3  10349.1
GR    960.3   10453.5      960.3  10453.6     960.3  10465.6    960.3   10465.7    960.3  10555.9
GR    981.2   10572.3      988.7  10572.4     988.7  10597.0    987.2   10612.0    978.1  11023.0
GR    978.7   11497.0      980.6  12014.0     982.4  12466.0

X1    4.759                                     77       77       77
X2                                                                 1
X3       10

X1     4.79       6.0      9440    10590     280      110      200
GR    980.2    9440.0      964.0   9466.0    961.1  10000.0    964.6   10568.0    980.8  10590.0
GR    980.8   10600.0

X1     4.89       9.0      9385    10582     455      510      485
GR    982.3    9375.0      982.3   9385.0    965.4   9400.0    963.9    9607.0    961.8  10000.0
GR    964.2   10311.0      965.5  10560.0    982.0  10582.0    982.0   10593.0

X1     4.98       9.0      9348    10630     515      520      515
GR    983.5    9340.0      983.5   9348.0    966.6   9368.0    965.2    9515.0    962.8  10000.0
GR    964.3   10382.0      965.9  10608.0    985.3  10630.0    985.3   10643.0
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X1    5.00      16.0      9344      10638      90       85       88
GR    983.3     9335.0    983.3     9344.0     966.7    9363.0   966.7    9393.0   979.7    9407.0
GR    979.7     9414.0    975.7     9421.0     975.7    9470.0   979.5    9476.0   979.5    9482.0
GR    963.8     9500.0    963.4     10000.0    964.0    10283.0  965.3    10616.0  985.7    10638.0
GR    985.7     10648.0

X1    5.02      9.0       9343      10657      100      100      100
GR    983.2     9330.0    983.2     9343.0     966.3    9361.0   965.7    9634.0   964.1    10000.0
GR    964.2     10348.0   965.5     10630.0    985.0    10657.0  985.0    10661.0

X1    5.10      8.0       9300      10682      405      415      410
GR    985.3     9300.0    968.0     9329.0     967.4    9687.0   965.2    10000.0  966.3    10375.0
GR    967.3     10663.0   985.9     10682.0    985.9    10694.0

X1    5.15      9.0       9291      10713      215      330      275
GR    986.0     9275.0    986.0     9291.0     969.9    9310.0   968.1    9678.0   967.4    10000.0
GR    968.7     10469.0   968.9     10691.0    986.0    10713.0  986.0    10720.0

X1    5.201     9.0       9291      10713      180      360      270
GR    987.0     9275.0    987.0     9291.0     969.1    9310.0   969.1    9678.0   969.1    10000.0
GR    969.1     10469.0   969.1     10691.0    987.0    10713.0  987.0    10720.0

X1    5.203     9.0       9291      10713      10       10       10
      987.0     9275.0    987.0     9291.0     970.0    9310.0   970.0    9678.0   970.0    10000.0
      970.0     10469.0   970.0     10691.0    987.0    10713.0  987.0    10720.0

X1    5.250     21.0      9268.0    10735.0    265      220      245
GR    987.9     9268.0    971.9     9321.0     971.5    9344.0   970.2    9350.0   970.2    9429.0
GR    970.4     9530.0    970.6     9636.0     970.7    9731.0   970.8    9838.0   970.8    10000.0
GR    970.4     10030.0   970.4     10101.0    970.5    10200.0  972.0    10225.0  972.2    10319.0
GR    972.2     10473.0   972.2     10609.0    972.2    10682.0  987.9    10703.0  987.9    10719.0
GR    996.1     10735.0

X1    5.270     23.0      9317.0    10676.0    125      125      125
GR    987.2     9317.0    970.8     9336.0     970.8    9391.0   979.1    9408.0   979.7    9459.0
GR    971.0     9473.0    971.0     9558.0     971.2    9675.0   971.2    9819.0   971.2    9940.0
GR    971.2     9987.0    970.7     10000.0    970.7    10085.0  970.7    10184.0  972.2    10207.0
GR    972.2     10316.0   972.2     10453.0    972.2    10573.0  972.2    10655.0  989.0    10676.0
GR    989.0     10686.0   996.3     10708.0    996.3    10721.0

            ******************************
            *****  I-10 EAST BOUND  *****
            ***** LOW CHORD = 986.4 *****
            ******************************
X1    5.290     82        9250.8    10672.4    115      150      125
BT    82        9250.7    994.5     994.5      9250.8   996.3    986.4    9277.5   996.3    986.4
BT    9318.7    996.3     986.4     9318.8     996.3    971.5    9323.4   996.3    971.5    9323.5
BT    996.3     986.4     9389.9    996.5      986.6    9390.0   996.5    971.5    9394.5   996.5
BT    971.5     9394.6    996.5     986.6      9460.9   996.6    986.7    9461.0   996.6    971.5
      9465.6    996.6     971.5     9465.7     996.6    986.7    9532.1   996.8    986.9    9532.2
BT    996.8     971.5     9536.8    996.8      971.5    9536.9   996.8    986.9    9603.3   996.9
BT    987.0     9603.4    996.9     971.5      9608.0   996.9    971.5    9608.1   996.9    987.0
BT    9674.5    997.1     987.2     9674.6     997.1    971.5    9679.2   997.1    971.5    9679.3
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BT    997.1     987.2    9745.7    997.3     987.4    9745.8    997.3     971.5    9750.4    997.3
BT    971.5    9750.5     997.3    987.4    9816.9     997.4    987.5    9817.0     997.4    971.5
BT   9821.6     997.4     971.5   9821.7     997.4     987.5   9888.1     997.6     987.7   9888.2
BT    997.6     971.5    9892.8    997.6     971.5    9892.9    997.6     987.7    9959.3    997.7
BT    987.8    9959.4     997.7    971.5    9964.0     997.7    971.5    9964.1     997.7    987.8
BT   10030.     997.9     988.0  10030.1     997.9     971.5  10034.7     997.9     971.5  10034.8
BT    997.9     988.0   10101.2    998.0     988.1   10101.3    998.0     971.5   10105.9    998.0
BT    971.5   10106.0     998.0    988.1   10172.3     998.2    988.3   10172.4     998.2    971.5
BT   10177.     998.2     971.5  10177.1     998.2     988.3  10243.7     998.4     988.5  10243.8
BT    998.4     971.5   10248.4    998.4     971.5   10248.5    998.4     988.5   10314.9    998.5
BT    988.6   10315.0     998.5    971.5   10319.6     998.5    971.5   10319.7     998.5    988.6
BT   10386.     998.7     988.8  10386.1     998.7     971.5  10390.7     998.7     971.5  10390.8
BT    998.7     988.8   10457.2    998.9     989.0   10457.3    998.9     971.5   10461.9    998.9
BT    971.5   10462.0     998.9    989.0   10528.4     999.1    989.1   10528.5     999.1    971.5
BT   10533.     999.1     971.5  10533.1     999.1     989.1  10599.5     999.3     989.2  10599.6
BT    999.3     971.5   10604.2    999.3     971.5   10604.3    999.3     989.2   10645.5    999.3
BT    989.2   10672.3     999.5    989.4   10672.4     997.7    997.7
GR    994.5    9250.7     986.4   9250.8     971.5    9277.5    971.5    9318.7     971.5   9318.8
GR    971.5    9323.4     971.5   9323.5     971.5    9389.9    971.5    9390.0     971.5   9394.5
GR    971.5    9394.6     971.5   9460.9     971.5    9461.0    971.5    9465.6     971.5   9465.7
GR    971.5    9532.1     971.5   9532.2     971.5    9536.8    971.5    9536.9     971.5   9603.3
GR    971.5    9603.4     971.5   9608.0     971.5    9608.1    971.5    9674.5     971.5   9674.6
GR    971.5    9679.2     971.5   9679.3     971.5    9745.7    971.5    9745.8     971.5   9750.4
GR    971.5    9750.5     971.5   9816.9     971.5    9817.0    971.5    9821.6     971.5   9821.7
GR    971.5    9888.1     971.5   9888.2     971.5    9892.8    971.5    9892.9     971.5   9959.3
GR    971.5    9959.4     971.5   9964.0     971.5    9964.1    971.5   10030.0     971.5  10030.1
GR    971.5   10034.7     971.5  10034.8     971.5   10101.2    971.5   10101.3     971.5  10105.9
GR    971.5   10106.0     971.5  10172.3     971.5   10172.4    971.5   10177.0     971.5  10177.1
GR    971.5   10243.7     971.5  10243.8     971.5   10248.4    971.5   10248.5     971.5  10314.9
GR    971.5   10315.0     971.5  10319.6     971.5   10319.7    971.5   10386.0     971.5  10386.1
GR    971.5   10390.7     971.5  10390.8     971.5   10457.2    971.5   10457.3     971.5  10461.9
GR    971.5   10462.0     971.5  10528.4     971.5   10528.5    971.5   10533.0     971.5  10533.1
GR    971.5   10599.5     971.5  10599.6     971.5   10604.2    971.5   10604.3     971.5  10645.5
GR    989.4   10672.3     997.7  10672.4

X1    5.305                                   60        60        60
X2                                                        1

QT        2     54400     54400
            ******************************
            *****  I-10 WEST BOUND  *****
            ***** LOW CHORD = 986.4 *****
            ******************************
X1    5.317        82    9250.8  10672.4      65        65        65
BT       82    9250.7     994.5    994.5    9250.8     996.3    986.4    9277.5     996.3    986.4
BT   9318.7     996.3     986.4   9318.8     996.3     971.7   9323.4     996.3     971.7   9323.5
BT    996.3     986.4    9389.9    996.5     986.6    9390.0    996.5     971.7    9394.5    996.5
BT    971.7    9394.6     996.5    986.6    9460.9     996.6    986.7    9461.0     996.6    971.7
BT   9465.6     996.6     971.7   9465.7     996.6     986.7   9532.1     996.8     986.9   9532.2
BT    996.8     971.7    9536.8    996.8     971.7    9536.9    996.8     986.9    9603.3    996.9
BT    987.0    9603.4     996.9    971.7    9608.0     996.9    971.7    9608.1     996.9    987.0
BT   9674.5     997.1     987.2   9674.6     997.1     971.7   9679.2     997.1     971.7   9679.3
BT    997.1     987.2    9745.7    997.3     987.4    9745.8    997.3     971.7    9750.4    997.3
BT    971.7    9750.5     997.3    987.4    9816.9     997.4    987.5    9817.0     997.4    971.7
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BT	9821.6	997.4	971.7	9821.7	997.4	987.5	9888.1	997.6	987.7	9888.2
BT	997.6	971.7	9892.8	997.6	971.7	9892.9	997.6	987.7	9959.3	997.7
BT	987.8	9959.4	997.7	971.7	9964.0	997.7	971.7	9964.1	997.7	987.8
BT	10030.	997.9	988.0	10030.1	997.9	971.7	10034.7	997.9	971.7	10034.8
BT	997.9	988.0	10101.2	998.0	988.1	10101.3	998.0	971.7	10105.9	998.0
BT	971.7	10106.0	998.0	988.1	10172.3	998.2	988.3	10172.4	998.2	971.7
BT	10177.	998.2	971.7	10177.1	998.2	988.3	10243.7	998.4	988.5	10243.8
BT	998.4	971.7	10248.4	998.4	971.7	10248.5	998.4	988.5	10314.9	998.5
BT	988.6	10315.0	998.5	971.7	10319.6	998.5	971.7	10319.7	998.5	988.6
BT	10386.	998.7	988.8	10386.1	998.7	971.7	10390.7	998.7	971.7	10390.8
BT	998.7	988.8	10457.2	998.9	989.0	10457.3	998.9	971.7	10461.9	998.9
BT	971.7	10462.0	998.9	989.0	10528.4	999.1	989.1	10528.5	999.1	971.7
BT	10533.	999.1	971.7	10533.1	999.1	989.1	10599.5	999.3	989.2	10599.6
BT	999.3	971.7	10604.2	999.3	971.7	10604.3	999.3	989.2	10645.5	999.3
BT	989.2	10672.3	999.5	989.4	10672.4	997.7	997.7			
GR	994.5	9250.7	986.4	9250.8	971.7	9277.5	971.7	9318.7	971.7	9318.8
GR	971.7	9323.4	971.7	9323.5	971.7	9389.9	971.7	9390.0	971.7	9394.5
GR	971.7	9394.6	971.7	9460.9	971.7	9461.0	971.7	9465.6	971.7	9465.7
GR	971.7	9532.1	971.7	9532.2	971.7	9536.8	971.7	9536.9	971.7	9603.3
GR	971.7	9603.4	971.7	9608.0	971.7	9608.1	971.7	9674.5	971.7	9674.6
GR	971.7	9679.2	971.7	9679.3	971.7	9745.7	971.7	9745.8	971.7	9750.4
GR	971.7	9750.5	971.7	9816.9	971.7	9817.0	971.7	9821.6	971.7	9821.7
GR	971.7	9888.1	971.7	9888.2	971.7	9892.8	971.7	9892.9	971.7	9959.3
GR	971.7	9959.4	971.7	9964.0	971.7	9964.1	971.7	10030.0	971.7	10030.1
	971.7	10034.7	971.7	10034.8	971.7	10101.2	971.7	10101.3	971.7	10105.9
	971.7	10106.0	971.7	10172.3	971.7	10172.4	971.7	10177.0	971.7	10177.1
GR	971.7	10243.7	971.7	10243.8	971.7	10248.4	971.7	10248.5	971.7	10314.9
GR	971.7	10315.0	971.7	10319.6	971.7	10319.7	971.7	10386.0	971.7	10386.1
GR	971.7	10390.7	971.7	10390.8	971.7	10457.2	971.7	10457.3	971.7	10461.9
GR	971.7	10462.0	971.7	10528.4	971.7	10528.5	971.7	10533.0	971.7	10533.1
GR	971.7	10599.5	971.7	10599.6	971.7	10604.2	971.7	10604.3	971.7	10645.5
GR	989.4	10672.3	997.7	10672.4						
X1	5.328				60	60	60			
X2							1			
X1	5.380	20.0	9266.0	10656.0	120	460	280			
GR	993.0	9214.0	987.7	9266.0	985.7	9342.0	972.8	9358.0	972.3	9413.0
GR	972.2	9565.0	972.2	9734.0	972.2	9889.0	972.2	9994.0	971.4	10000.0
GR	971.4	10062.0	971.4	10195.0	974.3	10208.0	974.2	10263.0	974.2	10420.0
GR	974.2	10582.0	974.2	10639.0	988.4	10656.0	988.6	10671.0	982.3	10702.0
ET	5.480	9.1	9.1						9310	10594
X1	5.480	17.0	9320.0	10579.0	250	700	540			
GR	980.0	9140	973.3	9160	973.2	9320.0	973.0	9500.0	973.4	9624.0
GR	973.5	9753.0	973.0	9866.0	972.7	9947.0	972.8	10000.0	972.8	10082.0
GR	972.9	10155.	973.9	10179.	974.4	10305.0	974.4	10507.0	974.4	10559.0
GR	988.8	10579.	989.0	10594.	0					

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ET    5.510      9.1      9.1                                                  9320     10584
X1    5.510     24.0   9325.0   10567.0     150      100      150
GR    980.0   8930.0    973.3    8950.0   973.4   9325.0    974.0   9512.0   974.2    9629.0
GR    973.9   9728.0    973.9    9794.0   982.8   9804.0    982.8   9818.0   980.6    9822.0
GR    980.5   9873.0    983.8    9881.0   983.8   9892.0    973.9   9904.0   973.9    9937.0
GR    972.7   9972.0    972.7    10000.   973.1  10158.0    974.9  10185.0   974.9   10308.0
GR    974.9   10468.    974.9    10549.   990.1  10567.0    990.1  10584.0

ET    5.540      9.1      9.1                                                  9330     10562
X1    5.540     18.0   9340.0   10550.0     130      150      140
GR    980.0   8730.0    973.3    8750.0   972.6   9340.0    973.3   9412.0   974.1    9523.0
GR    974.2   9631.0    974.7    9753.0   975.1   9921.0    974.1   9943.0   974.1   10000.0
GR    974.1   10060.    974.1    10173.   975.7  10189.0    975.7  10293.0   975.7   10430.0
GR    975.7   10533.    988.4    10550.   988.6  10562.0

X1    5.650     17.0   9409.0   10577.0     580      580      580
GR    987.4   9409.0    975.0    9431.0   975.0   9495.0    975.0   9613.0   975.0    9747.0
GR    975.2   9863.0    975.3    9940.0   972.9   9966.0    973.0  10000.0   973.0   10101.0
GR    973.0  10191.0    974.9   10218.0   974.9  10338.0    974.9  10528.0   993.2   10577.0
GR    995.0  10597.0    995.5   10626.0

            ******************************
            *****   MCDOWELL ROAD   *****
            ***** LOW CHORD = 990.8 *****
            ******************************
X1    5.689       42   9371.3   10552.8     210      210      210
BT       40   9371.2    996.9    996.9  9371.3  1000.3    990.8   9488.7  1002.4     992.9
BT   9488.8   1002.4   973.85   9496.2  1002.4   973.85   9496.3   1002.4   992.9    9606.6
BT   1004.1    994.6   9606.7   1004.1   973.85  9614.1   1004.1   973.85  9614.2    1004.1
BT    994.6   9725.8   1005.3    995.8  9725.9  1005.3   973.85   9733.3  1005.3    973.85
BT   9733.4   1005.3    995.8   9843.3  1006.0   996.5   9843.4   1006.0  973.85    9850.8
BT   1006.0   973.85   9850.9   1006.0   996.5  9961.3   1006.3    996.8  9961.4    1006.3
BT   973.85   9968.8   1006.3   973.85  9968.9  1006.3    996.8  10078.9  1006.0     996.5
BT   10079.   1006.0   973.85  10086.4  1006.0   973.85  10086.5   1006.0   996.5   10196.2
BT   1005.3    995.8  10196.3   1005.3   973.85 10203.7   1005.3   973.85 10203.8    1005.3
BT    995.8  10314.4   1004.1    994.6 10314.5  1004.1   973.85  10321.9  1004.1    973.85
BT   10322.   1004.1    994.6  10432.1  1002.4   992.9  10432.2   1002.4  973.85   10439.6
BT   1002.4   973.85  10439.7   1002.4   992.9 10552.8   1000.3    990.8 10552.9     996.9
BT    996.9
GR    996.9   9371.2    990.8   9371.3   973.85  9399.5   973.85   9488.7  973.85    9488.8
GR   973.85   9496.2   973.85   9496.3   973.85  9606.6   973.85   9606.7  973.85    9614.1
GR   973.85   9614.2   973.85   9725.8   973.85  9725.9   973.85   9733.3  973.85    9733.4
GR   973.85   9843.3   973.85   9843.4   973.85  9850.8   973.85   9850.9  973.85    9961.3
GR   973.85   9961.4   973.85   9968.8   973.85  9968.9   973.85  10078.9  973.85   10079.0
GR   973.85  10086.4   973.85  10086.5   973.85 10196.2   973.85  10196.3  973.85   10203.7
GR   973.85  10203.8   973.85  10314.4   973.85 10314.5   973.85  10321.9  973.85   10322.0
GR   973.85  10432.1   973.85  10432.2   973.85 10439.6   973.85  10439.7  973.85   10524.6
GR    990.8  10552.8    996.9  10552.9
```

X1	5.700				60	60	60			
X2							1			
X1	5.750	22.0	9426.0	10579.0	310	310	310			
GR	990.7	9287.0	990.7	9295.0	985.9	9330.0	983.9	9362.0	985.6	9388.0
GR	990.1	9416.0	990.3	9426.0	975.3	9477.0	975.3	9595.0	975.5	9715.0
GR	975.5	9864.0	975.5	9981.0	974.0	9994.0	973.7	10030.0	973.7	10095.0
GR	973.7	10244.0	975.6	10259.0	975.6	10349.0	975.7	10474.0	975.7	10565.0
GR	989.2	10579.0	989.6	10596.0						
X1	5.770	16.0	9416.0	10568.0	140.0	150.0	145.0			
GR	989.4	9416.0	976.8	9452.0	976.2	9519.0	975.7	9613.0	975.7	9744.0
GR	975.7	9874.0	975.7	9965.0	973.5	9980.0	973.5	10040.0	973.5	10120.0
GR	973.5	10216.0	975.6	10237.0	976.0	10304.0	976.0	10461.0	976.0	10552.0
GR	991.1	10568.0								
X1	5.790	24.0	9425.0	10567.0	150.0	160.0	155.0	0.0	0.0	0.0
GR	992.3	9409.0	992.3	9425.0	978.2	9452.0	978.2	9515.0	976.4	9593.0
GR	976.1	9728.0	987.2	9740.0	987.2	9749.0	983.4	9758.0	983.5	9807.0
GR	987.7	9814.0	987.8	9828.0	976.8	9839.0	976.7	9964.0	974.7	9975.0
GR	974.6	10020.0	974.6	10105.0	974.6	10222.0	976.1	10242.0	976.1	10324.0
GR	976.1	10452.0	976.6	10550.0	990.2	10567.0	990.3	10581.0		
	5.810	17.0	9442.0	10570.0	160.0	140.0	150.0	0.0	0.0	0.0
	990.8	9432.0	990.8	9442.0	975.3	9458.0	975.3	9552.0	976.6	9641.0
GR	976.6	9731.0	976.6	9845.0	976.6	9969.0	974.6	9977.0	974.6	10020.0
GR	974.6	10099.0	974.6	10229.0	977.1	10250.0	976.8	10331.0	976.5	10448.0
GR	976.5	10552.0	991.0	10570.0						
X1	5.900	17.0	9429.0	10561.0	495.0	500.0	500.0			
GR	993.0	9414.0	993.0	9429.0	977.5	9447.0	977.5	9506.0	977.5	9598.0
GR	977.5	9714.0	977.6	9829.0	977.4	9946.0	975.4	9958.0	975.5	10040.0
GR	975.5	10099.0	975.5	10230.0	977.4	10257.0	977.6	10344.0	977.6	10459.0
GR	977.6	10544.0	991.1	10561.0						
X1	5.990	16.0	9429.0	10561.0	515	485	500			
GR	992.5	9418.0	992.5	9429.0	979.0	9447.0	978.7	9527.0	978.7	9618.0
GR	979.0	9688.0	979.0	9801.0	978.0	9930.0	975.5	9947.0	975.5	10000.0
GR	975.5	10090.0	975.5	10240.0	978.4	10257.0	978.4	10338.0	978.4	10540.0
GR	993.2	10561.0								
X1	6.070	15.0	9416.0	10545.0	400	420	410			
GR	992.7	9416.0	979.3	9431.0	979.3	9490.0	979.2	9585.0	979.2	9712.0
GR	979.0	9831.0	978.7	9925.0	976.7	9971.0	976.7	10000.0	976.7	10114.0
GR	976.7	10208.0	977.8	10260.0	978.4	10376.0	978.6	10528.0	992.4	10545.0
X1	6.160	13.0	9420.0	10553.0	500	500	500			
GR	994.0	9420.0	979.1	9437.0	979.1	9527.0	979.1	9638.0	979.1	9781.0
GR	979.3	9906.0	979.3	10000.0	979.3	10063.0	979.3	10215.0	979.3	10397.0
	979.3	10535.0	993.2	10553.0	993.1	10566.0				

X1	6.260	16.0	9425.0	10559.0	510	495	500			
GR	993.8	9409.0	994.1	9425.0	981.3	9443.0	981.3	9522.0	981.4	9639.0
GR	981.2	9768.0	981.1	9888.0	980.2	9966.0	980.2	10000.0	980.2	10056.0
GR	980.3	10165.0	980.5	10289.0	980.5	10412.0	980.9	10543.0	993.3	10559.0
GR	993.3	10572.0								
X1	6.350	15.0	9446.0	10560.0	525	475	500			
GR	996.1	9421.0	996.3	9446.0	980.7	9464.0	981.8	9576.0	982.6	9667.0
GR	982.6	9792.0	982.4	9959.0	980.5	9974.0	980.5	10000.0	980.5	10085.0
GR	980.5	10205.0	981.7	10326.0	981.8	10459.0	981.8	10543.0	996.3	10560.0
X1	6.430	20.0	9452.0	10537.0	510	380	445			
GR	996.1	9390.0	991.8	9409.0	991.6	9433.0	996.5	9443.0	996.5	9452.0
GR	984.1	9467.0	984.0	9528.0	984.3	9631.0	984.3	9768.0	984.1	9894.0
GR	983.2	9980.0	981.0	10000.0	981.0	10057.0	981.3	10156.0	981.9	10213.0
GR	983.2	10232.0	983.2	10359.0	982.5	10519.0	996.1	10537.0	996.1	10550.0
X1	6.520	18.0	9459.0	10571.0	510	370	440			
GR	997.6	9431.0	997.6	9459.0	984.0	9479.0	983.6	9542.0	983.6	9640.0
GR	983.6	9770.0	983.6	9903.0	983.4	10000.0	983.4	10058.0	981.6	10077.0
GR	981.5	10167.0	981.6	10283.0	982.4	10298.0	982.4	10393.0	982.2	10512.0
GR	982.3	10558.0	997.6	10571.0	997.6	10589.0				
X1	6.540	25.0	9462.0	10583.0	100	75	90			
GR	997.9	9436.0	997.9	9462.0	984.9	9481.0	984.9	9553.0	992.8	9564.0
GR	992.8	9574.0	990.9	9580.0	990.9	9631.0	993.7	9641.0	993.8	9653.0
GR	984.3	9670.0	984.3	9746.0	984.1	9830.0	984.1	9939.0	984.1	10000.0
GR	983.9	10063.0	982.4	10082.0	982.4	10163.0	982.4	10292.0	983.4	10306.0
GR	983.1	10364.0	983.1	10506.0	983.1	10563.0	997.5	10583.0	997.5	10595.0
X1	6.560	17.0	9462.0	10591.0	115	85	100			
GR	998.1	9440.0	998.1	9462.0	985.1	9482.0	985.0	9547.0	985.0	9657.0
GR	984.5	9764.0	983.6	9848.0	983.6	9941.0	983.6	10000.0	983.6	10073.0
GR	982.6	10089.0	982.6	10171.0	982.1	10300.0	983.0	10319.0	983.0	10433.0
GR	983.0	10570.0	997.7	10591.0						
X1	6.590	18.0	9454.0	10584.0	165	155	150			
GR	998.5	9441.0	998.5	9454.0	984.0	9471.0	983.7	9532.0	983.8	9661.0
GR	984.2	9769.0	983.9	9852.0	983.6	9964.0	983.6	10000.0	983.6	10058.0
GR	981.8	10078.0	981.8	10175.0	981.8	10288.0	983.0	10304.0	983.0	10405.0
GR	983.2	10564.0	998.0	10584.0	998.0	10596.0				
X1	6.610	24.0	9439.0	10570.0	115	85	100			
GR	998.8	9428.0	998.8	9439.0	985.3	9456.0	985.3	9540.0	985.3	9654.0
GR	985.1	9784.0	984.0	9858.0	994.7	9870.0	994.7	9883.0	990.1	9890.0
GR	990.1	9939.0	995.4	9950.0	995.4	9959.0	984.3	9976.0	984.3	10000.0
GR	984.0	10049.0	981.9	10063.0	981.8	10154.0	981.8	10279.0	983.7	10291.0
GR	983.8	10364.0	983.8	10555.0	998.2	10570.0	998.2	10584.0		

X1	6.640	16.0	9445.0	10575.0	165	135	150			
GR	999.3	9435.0	999.3	9445.0	985.5	9462.0	985.5	9574.0	984.5	9697.0
GR	984.3	9837.0	984.3	10000.0	984.2	10036.0	982.4	10053.0	982.4	10128.0
GR	982.4	10266.0	984.2	10280.0	984.2	10397.0	984.2	10558.0	998.4	10575.0
GR	998.4	10591.0								
X1	6.660	21.0	9466.0	10599.0	150	120	135			
GR	999.6	9455.0	999.6	9466.0	985.7	9484.0	985.7	9553.0	985.7	9682.0
GR	985.7	9830.0	985.3	9951.0	985.0	10000.0	985.0	10041.0	982.2	10057.0
GR	982.2	10126.0	982.2	10238.0	982.2	10265.0	984.6	10282.0	984.7	10388.0
GR	988.7	10400.0	989.9	10445.0	984.7	10459.0	984.7	10579.0	999.0	10599.0
GR	999.0	10608.0								
X1	6.690	17.0	9451.0	10585.0	145	100	125			
GR	1000.0	9442.0	1000.0	9451.0	985.4	9472.0	985.4	9554.0	985.4	9692.0
GR	985.3	9832.0	985.3	9934.0	984.9	10000.0	982.6	10017.0	982.6	10102.0
GR	982.2	10235.0	983.9	10255.0	984.0	10345.0	984.0	10490.0	984.3	10564.0
GR	998.8	10585.0	998.8	10598.0						
X1	6.710	24.0	9452.0	10585.0	130	115	125			
GR	1000.3	9441.0	1000.3	9452.0	984.3	9474.0	984.3	9574.0	984.5	9690.0
GR	984.5	9833.0	993.8	9846.0	994.6	9862.0	992.7	9868.0	992.9	9918.0
GR	995.5	9928.0	995.5	9936.0	985.7	9951.0	985.2	9979.0	981.5	9997.0
	981.5	10000.0	981.5	10111.0	981.5	10201.0	983.6	10225.0	983.7	10320.0
	984.2	10462.0	984.3	10562.0	999.1	10585.0	999.1	10594.0		
X1	6.730	18.0	9452.0	10584.0	110	110	110			
GR	1000.5	9442.0	1000.5	9452.0	985.1	9470.0	985.0	9536.0	985.0	9650.0
GR	985.0	9792.0	984.8	9898.0	984.8	9943.0	982.4	9962.0	982.4	10000.0
GR	982.4	10073.0	982.4	10180.0	984.0	10202.0	984.3	10322.0	984.7	10491.0
GR	984.7	10563.0	999.3	10584.0	999.3	10596.0				
X1	6.770	18.0	9443.0	10574.0	215	245	230			
GR	1002.1	9430.0	1002.1	9443.0	987.9	9463.0	988.1	9523.0	988.6	9649.0
GR	988.6	9757.0	985.6	9777.0	985.5	9916.0	985.2	9978.0	985.1	10000.0
GR	985.1	10034.0	987.4	10086.0	987.6	10180.0	987.8	10289.0	988.0	10428.0
GR	988.2	10555.0	1001.4	10574.0	1001.7	10590.0				
X1	6.790	23.0	9444.0	10573.0	110	110	110			
GR	1002.9	9429.0	1002.9	9444.0	988.8	9462.0	988.8	9545.0	987.7	9672.0
GR	985.3	9696.0	985.5	9796.0	984.7	9969.0	984.3	10000.0	987.2	10061.0
GR	987.5	10091.0	998.1	10103.0	998.1	10117.0	996.1	10126.0	996.2	10178.0
GR	998.5	10184.0	998.5	10191.0	987.8	10209.0	987.8	10320.0	987.8	10455.0
GR	988.1	10555.0	1002.2	10573.0	1002.2	10585.0				
X1	6.820	17.0	9444.0	10573.0	115	115	115			
GR	1002.7	9434.0	1002.7	9444.0	989.2	9465.0	987.3	9582.0	985.9	9607.0
GR	985.7	9745.0	985.9	9860.0	984.8	9990.0	984.8	10000.0	985.9	10065.0
	988.4	10076.0	988.4	10157.0	988.0	10268.0	988.0	10400.0	988.0	10557.0
	1001.0	10573.0	1001.0	10591.0						

X1	6.890	16.0	9439.0	10577.0	365	365	365			
GR	1004.2	9428.0	1004.2	9439.0	989.9	9461.0	989.9	9574.0	989.9	9700.0
GR	989.8	9818.0	989.4	9954.0	989.4	9973.0	989.4	10000.0	989.4	10039.0
GR	989.4	10132.0	989.4	10266.0	989.4	10427.0	989.4	10558.0	1002.7	10577.0
GR	1002.7	10588.0								
X1	6.910	17.0	9430.0	10579.0	105	115	110			
GR	1002.8	9417.0	1002.8	9430.0	989.5	9452.0	989.9	9524.0	989.9	9677.0
GR	989.9	9807.0	989.5	9970.0	989.5	10000.0	989.5	10018.0	1000.2	10037.0
GR	1000.2	10125.0	989.8	10142.0	989.8	10236.0	989.8	10390.0	989.8	10561.0
GR	1002.7	10579.0	1002.7	10589.0						
X1	6.930	17.0	9413.0	10573.0	105	105	105			
GR	1004.8	9405.0	1004.8	9413.0	999.9	9417.0	999.9	9426.0	989.9	9442.0
GR	989.9	9572.0	989.9	9706.0	990.0	9833.0	990.1	9955.0	989.9	10000.0
GR	989.9	10053.0	989.9	10201.0	989.9	10359.0	990.1	10545.0	990.9	10558.0
GR	1003.9	10573.0	1003.9	10582.0						
X1	6.970	15.0	9405.0	10570.0	220	240	230			
GR	1004.1	9395.0	1004.2	9405.0	991.7	9423.0	991.3	9444.0	990.4	9703.0
GR	990.4	9859.0	990.4	10000.0	990.4	10050.0	990.4	10156.0	990.4	10291.0
GR	990.4	10417.0	990.4	10542.0	991.7	10552.0	1004.6	10570.0	1004.6	10583.0
X1	6.990	19.0	9400.0	10559.0	95	115	105			
GR	1003.3	9393.0	1003.4	9400.0	997.4	9411.0	997.3	9418.0	991.4	9429.0
GR	991.4	9534.0	991.1	9695.0	991.1	9871.0	991.1	10000.0	991.1	10072.0
GR	991.2	10186.0	991.3	10300.0	998.4	10313.0	998.4	10323.0	998.4	10404.0
GR	990.2	10418.0	990.2	10540.0	1003.5	10559.0	1004.0	10574.0		
X1	7.020	16.0	9433.0	10570.0	120	130	125			
GR	1004.3	9421.0	1004.5	9433.0	991.5	9455.0	991.5	9560.0	991.5	9711.0
GR	991.1	9854.0	989.1	9913.0	990.1	9991.0	990.1	10000.0	990.1	10068.0
GR	990.7	10175.0	991.3	10301.0	990.6	10427.0	990.5	10549.0	1004.0	10570.0
GR	1004.0	10583.0								
X1	7.060	15.0	9442.0	10559.0	210	235	225			
GR	1005.0	9419.0	1006.0	9442.0	993.3	9467.0	992.3	9545.0	992.1	9691.0
GR	990.7	9877.0	989.6	9894.0	990.1	10000.0	990.1	10124.0	991.5	10151.0
GR	991.9	10259.0	991.8	10389.0	991.8	10543.0	1004.8	10559.0	1004.8	10571.0
X1	7.080	18.0	9440.0	10563.0	110	110	110			
GR	1006.6	9440.0	1006.5	9456.0	991.7	9475.0	991.7	9583.0	991.7	9730.0
GR	991.7	9878.0	990.5	9895.0	990.5	9985.0	990.5	10000.0	990.5	10133.0
GR	992.2	10156.0	992.1	10278.0	1000.4	10293.0	1000.4	10375.0	991.7	10388.0
GR	991.7	10548.0	1005.6	10563.0	1005.6	10578.0				
X1	7.100	15.0	9440.0	10543.0	125	125	125			
GR	1006.2	9427.0	1006.3	9440.0	993.4	9459.0	993.4	9562.0	993.2	9687.0
GR	992.4	9860.0	990.9	9879.0	990.9	10000.0	991.0	10115.0	993.1	10133.0
GR	993.4	10239.0	993.0	10375.0	992.2	10527.0	1006.1	10543.0	1006.1	10555.0

X1	7.200	16.0	9474.0	10558.0	515	490	500			
GR	1006.9	9461.0	1006.9	9474.0	991.9	9491.0	991.9	9591.0	992.5	9703.0
GR	992.5	9866.0	990.7	9888.0	991.7	9994.0	991.7	10000.0	991.7	10121.0
GR	993.0	10133.0	993.2	10236.0	993.2	10374.0	993.2	10534.0	1007.2	10558.0
GR	1007.5	10578.0								
X1	7.290	15.0	9456.0	10529.0	490	510	500			
GR	1008.9	9456.0	1008.9	9473.0	994.9	9490.0	994.7	9578.0	994.6	9691.0
GR	994.5	9806.0	993.4	9889.0	993.2	10000.0	993.2	10077.0	993.9	10117.0
GR	994.0	10230.0	994.0	10371.0	994.0	10488.0	1009.1	10529.0	1009.1	10546.0
X1	7.390	16.0	9499.0	10536.0	500	495	495			
GR	1008.8	9484.0	1008.8	9499.0	994.4	9516.0	993.9	9614.0	993.8	9735.0
GR	994.2	9841.0	994.8	9894.0	994.4	9985.0	994.2	10000.0	994.2	10064.0
GR	994.8	10155.0	994.8	10289.0	995.3	10433.0	995.4	10489.0	1009.9	10536.0
GR	1009.9	10556.0								
X1	7.490	13.0	9509.0	10525.0	575	515	515			
GR	1009.5	9493.0	1009.5	9509.0	995.2	9526.0	995.4	9612.0	995.6	9736.0
GR	995.5	9871.0	995.3	10000.0	995.3	10064.0	995.4	10173.0	995.7	10289.0
GR	995.7	10474.0	1010.9	10525.0	1010.9	10541.0				
X1	7.580	14.0	9499.0	10529.0	540	405	480			
	1010.3	9499.0	996.5	9536.0	995.9	9644.0	995.4	9797.0	995.4	9949.0
	995.4	10000.0	995.4	10048.0	995.4	10190.0	995.4	10311.0	995.4	10387.0
GR	996.7	10447.0	1006.7	10499.0	1010.9	10529.0	1011.0	10544.0		
X1	7.670	10.0	9515.0	10552.0	480	530	510			
X3	10									
GR	1009.9	9462.0	1009.9	9515.0	994.3	9533.0	994.4	9708.0	994.7	9960.0
GR	994.7	10000.0	995.0	10281.0	994.6	10496.0	1010.1	10552.0	1010.1	10575.0
X1	7.770	10.0	9490.0	10556.0	510	500	500			
X3	10									
GR	1010.5	9478.0	1010.5	9490.0	997.6	9510.0	996.8	9677.0	996.5	9878.0
GR	996.4	10000.0	996.4	10242.0	996.1	10496.0	1010.9	10556.0	1010.9	10577.0
X1	7.870	32.0	9450.0	10589.0	650	410	500			
X3	10									
GR	1015.4	8030.0	1016.3	8034.0	1016.3	8046.0	1008.8	8067.0	1009.2	8153.0
GR	1015.2	8187.0	1015.8	8254.0	1017.4	8372.0	1016.5	8511.0	1011.9	8561.0
GR	1009.6	8688.0	1010.7	8717.0	1008.3	8736.0	1007.3	8930.0	1004.2	9048.0
GR	1001.2	9145.0	997.2	9215.0	994.3	9277.0	1006.5	9342.0	1010.8	9374.0
GR	1010.5	9450.0	997.4	9476.0	997.5	9620.0	997.7	9849.0	997.8	9992.0
GR	997.8	10000.0	997.8	10178.0	998.1	10433.0	998.1	10560.0	1013.1	10589.0
GR	1013.1	10609.0	1011.2	10614.0						
X1	7.960	30.0	9337.0	10669.0	460	470	470			
	10									
	1018.5	8029.0	1009.6	8067.0	1009.8	8223.0	1009.8	8419.0	1009.8	8501.0
GR	1011.1	8512.0	1011.4	8546.0	1007.8	8561.0	1007.8	8722.0	1010.5	8735.0
GR	1009.9	8878.0	1008.2	9077.0	1006.3	9178.0	1002.1	9195.0	1013.4	9249.0
GR	1013.0	9337.0	1003.4	9350.0	1003.2	9364.0	999.3	9372.0	998.8	9604.0

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GR    998.8    9927.0     998.7   10000.0     998.7   10211.0     998.6   10526.0     998.6   10636.0
GR   1000.3   10640.0    1000.3   10655.0    1012.4   10669.0    1011.8   10711.0    1014.8   10765.0

X1    7.990      37.0    9293.0   10732.0       175       175       175
X3       10
GR   1012.2    8010.0    1013.2    8065.0    1014.0    8150.0    1012.5    8436.0    1010.7    8709.0
GR   1010.4    8948.0    1017.0    9058.0    1017.0    9110.0    1009.4    9176.0    1015.2    9236.0
GR   1014.9    9293.0     999.2    9338.0     999.2    9550.0     999.1    9925.0     999.1    9990.0
GR    999.1   10000.0     999.1   10303.0     999.3   10681.0    1014.8   10732.0    1017.3   10907.0
GR   1010.5   10932.0    1010.0   11152.0    1015.2   11167.0    1015.2   11213.0    1007.3   11242.0
GR   1007.1   11529.0    1007.2   11773.0    1006.9   11957.0    1007.1   12138.0    1007.1   12341.0
GR   1006.9   12504.0    1009.2   12604.0    1009.9   12677.0    1014.2   12703.0    1015.0   12810.0
GR   1016.3   12943.0    1016.3   12959.0

NC                              .3       .5
          ******************************
          ***** INDIAN SCHOOL ROAD ****
          ***** LOW CHORD = 1013.3 ****
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X1    8.000       85    9235.5   10725.       50       50       50
BT       68   9235.4    1021.3    1021.3   9235.5   1021.3    1013.3    9271.2    1021.3    1013.3
BT   9271.3   1021.3    1013.3    9285.3   1021.3   1013.3    9285.4    1021.3    1013.3    9362.9
BT   1021.3   1013.3    9363.0    1021.3    999.2   9377.0    1021.3     999.2    9377.1    1021.3
BT   1013.3   9452.9    1021.3    1013.3   9453.0   1021.3     999.2    9467.0    1021.3     999.2
BT   9467.1   1021.3    1013.3    9542.9   1021.3   1013.3    9543.0    1021.3     999.2    9557.0
BT   1021.3    999.2    9557.1    1021.3   1013.3   9632.9    1021.3    1013.3    9633.0    1021.3
BT    999.2   9647.0    1021.3     999.2   9647.1   1021.3    1013.3    9722.9    1021.3    1013.3
BT   9723.0   1021.3     999.2    9737.0   1021.3    999.2    9737.1    1021.3    1013.3    9812.9
BT   1021.3   1013.3    9813.0    1021.3    999.2   9827.0    1021.3     999.2    9827.1    1021.3
BT   1013.3   9902.9    1021.3    1013.3   9903.0   1021.3     999.2    9917.0    1021.3     999.2
BT   9917.1   1021.3    1013.3    9992.9   1021.3   1013.3    9993.0    1021.3     999.2   10007.0
BT   1021.3    999.2   10007.1    1021.3   1013.3  10082.9    1021.3    1013.3   10083.0    1021.3
BT    999.2  10097.0    1021.3     999.2  10097.1   1021.3    1013.3   10172.9    1021.3    1013.3
BT   10173.   1021.3     999.2   10187.0   1021.3    999.2   10187.1    1021.3    1013.3   10262.9
BT   1021.3   1013.3   10263.0    1021.3    999.2  10277.0    1021.3     999.2   10277.1    1021.3
BT   1013.3  10352.8    1021.3    1013.3  10352.9   1021.3     999.2   10366.9    1021.3     999.2
BT   10367.   1021.3    1013.3   10442.9   1021.3   1013.3   10443.0    1021.3     999.2   10457.0
BT   1021.3    999.2   10457.1    1021.3   1013.3  10532.9    1021.3    1013.3   10533.0    1021.3
BT    999.2  10547.0    1021.3     999.2  10547.1   1021.3    1013.3   10622.9    1021.3    1013.3
BT   10623.   1021.3     999.2   10637.0   1021.3    999.2   10637.1    1021.3    1013.3   10725.0
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GR   1014.4   7828.0    1015.5    8173.0   1016.3   8411.0    1017.9    8735.0    1018.7    9144.0
GR   1018.6   9235.4    1013.3    9235.5    999.2   9263.1     999.2    9271.2     999.2    9271.3
GR    999.2   9285.3     999.2    9285.4    999.2   9362.9     999.2    9363.0     999.2    9377.0
GR    999.2   9377.1     999.2    9452.9    999.2   9453.0     999.2    9467.0     999.2    9467.1
GR    999.2   9542.9     999.2    9543.0    999.2   9557.0     999.2    9557.1     999.2    9632.9
GR    999.2   9633.0     999.2    9647.0    999.2   9647.1     999.2    9722.9     999.2    9723.0
GR    999.2   9737.0     999.2    9737.1    999.2   9812.9     999.2    9813.0     999.2    9827.0
GR    999.2   9827.1     999.2    9902.9    999.2   9903.0     999.2    9917.0     999.2    9917.1
GR    999.2   9992.9     999.2    9993.0    999.2  10007.0     999.2   10007.1     999.2   10082.9
GR    999.2  10083.0     999.2   10097.0    999.2  10097.1     999.2   10172.9     999.2   10173.0
GR    999.2  10187.0     999.2   10187.1    999.2  10262.9     999.2   10263.0     999.2   10277.0
GR    999.2  10277.1     999.2   10352.8    999.2  10352.9     999.2   10366.9     999.2   10367.0
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GR    999.2   10637.0    999.2   10637.1    999.2   10697.5   1013.3   10725.0   1021.3   10725.1
GR   1018.6   10725.2   1016.4   10735.0   1017.3   10914.0   1016.9   11234.0   1012.8   11759.0
GR   1013.2   12195.0   1013.8   12510.0   1014.9   12742.0   1016.1   13028.0   1018.6   13458.0

X1    8.010       0                          75       75       75
X2                                                        1

NC     .040     .040     .030      .1      .3
ET    8.030     9.1      9.1                                                    9440    10904
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GR   1011.7   8710.5   1012.8    8718.2   1013.7   8732.5   1013.6   8744.9   1016.9   8752.5
GR   1016.5   8856.3   1014.7    8904.7   1011.3   8954.7   1010.4   9004.7   1009.5   9099.6
GR   1009.4   9154.7   1011.8    9200.0   1011.6   9204.3   1018.9   9237.5   1014.1   9397.9
GR   1015.3   9413.3   1012.7    9430.3   1009.8   9441.4   1004.9   9455.1   1001.6   9461.7
GR   1000.9   9490.5   1000.4    9495.2   1000.5   9505.4   1001.2   9512.6   1001.1   9554.9
GR   1002.2   9591.9   1004.8    9620.1   1001.7   9628.2    999.2   9638.0   1000.1   9699.2
GR   1005.0   9715.3   1003.6    9733.5   1003.6   9744.0   1002.6   9761.5   1001.4   9804.9
GR   1001.7   9853.5   1002.3    9862.5   1001.8   9871.1   1002.3   9882.1   1001.3   9889.3
GR    999.6  10018.0   1000.4   10058.4   1001.9  10071.8   1002.1  10133.7   1001.2  10162.3
GR   1002.5  10182.5   1000.9   10355.1   1001.5  10362.3   1000.8  10682.3   1000.3  10855.3
GR    999.9  10860.2   1000.6   10875.4   1013.0  10903.2   1013.1  10905.8   1015.5  10910.0
GR   1014.9  10917.6   1015.0   10957.1   1015.6  10985.7   1021.7  10997.8   1019.0  11007.8
GR   1016.2  11028.0   1019.4   11045.0   1018.5  11058.5   1020.0  11111.7   1021.3  11134.3
     1021.4  11247.1   1020.8   11271.9   1021.0  11291.7   1020.1  11305.4   1020.8  11315.4
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GR   1018.0  11445.1   1018.8   11456.4   1012.3  11470.5   1008.8  11479.6   1007.7  11555.5
GR   1008.3  11805.6   1008.9   11810.7   1008.1  11905.6   1008.5  12103.4   1009.9  12109.8
GR   1009.1  12115.7   1008.1   12368.4   1008.7  12390.2   1011.4  12395.9   1012.5  12409.6
GR   1013.7  12413.9   1014.6   12465.5   1013.6  12563.0   1014.3  12651.6
   END LEFT LEVEE SECTION 8.105

ET    8.105      9.1      7.1                                   9470    10980     9381    10980
X1    8.105       91    9493.9   10978.6    280      620     397.59
GR   1015.2   8211.4   1015.3    8277.1   1010.8   8330.6   1009.3   8341.9   1009.3   8372.5
GR   1011.2   8392.0   1011.2    8467.9   1009.9   8559.8   1009.8   8618.0   1009.3   8629.1
GR   1008.8   8657.4   1008.1    8664.5   1006.7   8671.1   1005.9   8676.7   1005.3   8685.7
GR   1008.0   8694.0   1007.4    8712.9   1007.2   8759.6   1007.6   8767.4   1007.3   8945.8
GR   1007.7   8986.4   1007.0    9027.6   1006.6   9098.5   1006.1   9130.7   1007.5   9189.4
GR   1011.7   9241.0   1013.1    9281.5   1014.3   9352.7   1015.1   9381.7   1004.4   9401.0
GR   1002.0   9404.5   1002.1    9413.6   1000.7   9416.1   1000.8   9423.2   1002.3   9432.7
GR   1001.8   9493.9   1001.9    9540.9   1001.0   9545.5   1000.9   9563.5   1001.1   9565.1
GR   1001.5   9581.8   1002.2    9583.6   1002.9   9587.6   1002.8   9594.1   1003.1   9599.5
GR   1004.8   9613.8   1002.9    9623.8   1001.5   9649.6   1002.2   9701.5   1001.6   9791.9
GR   1002.5   9801.8   1002.6    9835.3   1001.6   9840.4   1001.1   9856.5   1003.0   9863.7
GR   1001.8   9909.1   1002.1    9961.6   1002.0   9995.6   1001.0  10012.9   1000.7  10057.2
GR   1000.8  10168.4   1000.5   10169.9   1002.7  10181.4   1003.2  10220.5   1002.5  10428.1
GR   1001.9  10536.6   1002.1   10732.3   1001.6  10813.5   1001.7  10895.2   1000.8  10949.7
GR   1001.5  10964.0   1014.4   10978.6   1014.9  10997.9   1001.1  11037.6   1000.5  11077.1
     1001.9  11081.4   1003.0   11094.1   1002.0  11108.9   1001.7  11110.1   1005.8  11120.6
     1010.4  11129.8   1008.8   11140.0   1008.9  11273.0   1008.4  11417.4   1009.5  11426.7
GR   1008.8  11471.3   1010.6   11534.8   1011.0  11604.6   1010.7  11613.6   1009.8  11618.7
GR   1009.6  11624.4
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ET    8.198      9.1      9.1                                                  9458.6   10971.1
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GR   1013.7   7538.8   1013.7   7659.7   1013.0   7679.9   1012.1   7681.9   1012.2   7702.4
GR   1009.4   7704.2   1009.4   7707.5   1011.7   7718.2   1011.0   7757.7   1010.6   7818.7
GR   1009.9   7842.6   1009.7   7956.3   1010.5   8028.5   1010.8   8229.1   1011.2   8250.2
GR   1011.0   8283.7   1011.2   8445.3   1011.6   8447.8   1011.8   8453.3   1011.5   8465.8
GR   1010.7   8469.4   1010.2   8484.3   1010.7   8495.1   1011.0   8542.9   1009.4   8558.4
GR   1007.8   8568.0   1007.4   8575.1   1007.6   8611.0   1006.2   8674.1   1006.4   8788.0
GR   1005.6   8837.3   1005.5   8883.8   1004.3   8938.3   1004.6   9047.4   1003.7   9102.0
GR   1003.1   9193.7   1003.0   9320.6   1003.2   9389.6   1016.4   9413.0   1016.7   9455.0
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GR   1002.2   9512.1   1002.6   9529.9   1004.0   9536.6   1003.7   9541.4   1003.4   9592.1
GR   1004.0   9620.4   1004.1   9647.5   1003.4   9715.0   1002.5   9730.9   1002.0   9756.6
GR   1003.0   9851.4   1002.2   9972.1   1002.5   9983.7   1002.0  10053.3   1001.5  10071.8
GR   1002.5  10093.2   1003.1  10143.0   1002.7  10193.2   1003.7  10230.0   1002.2  10240.8
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GR   1010.7  11051.4   1010.2  11065.9   1010.6  11074.9   1010.2  11120.5   1010.3  11154.3
GR   1009.3  11167.8   1009.5  11177.5   1007.9  11194.6   1007.4  11229.6   1007.8  11253.3
GR   1011.7  11279.9   1012.3  11327.5   1011.2  11391.5   1012.2  11447.8   1012.1  11502.4
GR   1012.9  11568.6   1013.0  11705.6
   END RIGHT LEVEE SECTION 8.325

NC     .040      .040     .035
ET    8.325      9.1      7.1                                     9480     10990   9479.9  11053.1
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GR   1015.3   6600.1   1014.6   6655.8   1015.0   6663.3   1014.8   6675.4   1013.7   6675.8
GR   1009.9   6684.3   1010.0   6694.9   1011.6   6701.8   1014.5   6711.0   1012.5   6725.0
GR   1012.8   6732.9   1009.6   6773.6   1009.5   6837.0   1012.4   6859.8   1012.3   6903.7
GR   1014.8   6917.9   1011.7   6948.6   1011.9   6977.1   1010.9   7004.1   1011.1   7222.0
GR   1011.2   7261.3   1012.3   7279.9   1011.6   7284.0   1012.0   7300.9   1012.9   7308.7
GR   1011.7   7393.0   1014.3   7409.1   1012.7   7419.8   1011.4   7424.2   1011.0   7555.9
GR   1011.5   7664.8   1011.0   7705.5   1010.4   7715.3   1010.7   7825.2   1011.6   7831.9
GR   1010.8   7850.5   1011.2   7898.1   1012.1   7902.3   1011.7   7910.0   1010.1   7919.9
GR   1012.2   8164.7   1012.3   8353.8   1011.4   8392.6   1011.1   8615.5   1006.9   8835.6
GR   1006.2   8914.6   1006.2   8962.5   1004.6   9026.8   1004.1   9113.8   1004.7   9148.5
GR   1004.0   9225.0   1005.3   9336.3   1005.6   9423.4   1020.7   9444.8   1020.9   9468.5
GR   1017.9   9472.2   1013.1   9480.0   1010.0   9483.5   1006.6   9491.1   1005.7   9507.2
GR   1006.8   9513.0   1005.9   9517.6   1005.3   9553.1   1007.0   9558.9   1005.5   9572.4
GR   1004.8   9589.2   1002.1   9603.3   1002.6   9761.4   1003.7   9776.2   1004.9   9804.7
GR   1004.2   9892.7   1004.9   9969.2   1005.8  10170.9   1005.7  10393.5   1005.5  10562.5
GR   1005.0  10746.6   1005.6  10896.0   1005.3  10922.7   1004.4  10932.4   1005.1  10947.0
GR   1004.7  10949.9   1005.2  11032.4   1018.0  11053.0   1016.5  11129.1   1017.1  11139.7
GR   1016.3  11344.8   1015.9  11561.9   1015.1  11611.0   1015.6  11784.5   1015.1  12056.0
GR   1014.1  12074.7   1015.4  12203.0   1015.0  12332.0

ET    8.433      9.1      7.1                                     9250     10975   9009.5  11000
X1    8.433       87   9583.1  10597.5      510      660   572.54
GR   1016.6   5737.3   1015.2   5913.0   1011.2   5923.1   1011.2   5929.8   1015.2   5938.3
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GR   1011.3   6918.9   1013.3   6929.4   1014.0   6941.7   1012.7   6944.3   1011.1   6952.1
GR   1011.1   6957.5   1012.4   6964.4   1010.1   6973.7   1011.4   7022.6   1011.2   7053.6
GR   1010.3   7053.9   1010.3   7111.1   1011.8   7151.3   1011.0   7155.6   1012.0   7391.8
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GR	1011.6	7613.9	1012.1	7874.2	1013.4	8117.3	1013.0	8158.4	1014.3	8163.4
GR	1014.4	8173.5	1012.8	8179.0	1013.0	8214.2	1014.4	8284.9	1013.6	8286.3
GR	1012.9	8294.9	1014.2	8304.5	1012.9	8390.4	1013.0	8565.3	1008.1	8767.6
GR	1006.0	8952.1	1020.6	8973.4	1020.7	9009.5	1006.2	9025.2	1006.9	9130.7
GR	1005.9	9153.1	1007.9	9194.9	1009.0	9401.2	1008.8	9516.9	1009.7	9523.9
GR	1008.5	9529.4	1008.8	9564.7	1010.0	9583.1	1005.0	9600.1	1005.0	9755.8
GR	1006.4	9786.9	1006.6	9828.4	1005.7	9854.9	1007.7	9870.6	1008.1	10010.8
GR	1008.3	10123.7	1006.4	10265.7	1006.8	10307.4	1006.3	10480.7	1009.6	10507.5
GR	1012.5	10519.8	1013.8	10597.5	1013.5	10766.3	1012.5	10795.4	1013.5	10816.7
GR	1011.6	10827.2	1010.6	10883.1	1011.5	10884.0	1011.7	10991.4	1013.3	10999.4
GR	1011.9	11154.1	1013.8	11176.2	1014.1	11233.5	1013.1	11268.3	1013.7	11274.5
GR	1013.2	11293.3	1012.3	11294.1	1017.5	11322.2	1018.2	11337.1	1017.0	11359.4
GR	1015.0	11376.3	1014.8	11586.0						

GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-EFFECTIVE FLOW AREA BETWEEN SECTIONS 8.534 TO 8.875.

ET	8.534	9.1	7.1				9010	10965	8509.0	11252
X1	8.534	73	9067.4	10611.9	540	525	531.32			
GR	1016.7	5726.8	1016.6	5763.5	1015.5	5775.8	1014.8	5877.7	1017.3	5885.8
GR	1014.2	5891.2	1016.4	5898	1014.5	5927.2	1013.0	6247	1012.6	6548.9
GR	1012.5	6732.2	1011.3	6733.8	1011.3	6901.4	1012.5	6958.1	1010.0	6988.5
GR	1012.0	6999.2	1012.0	7004.3	1013.9	7010.6	1012.0	7019.3	1011.8	7027.3
GR	1013.3	7032.5	1011.6	7034.8	1011.6	7197.8	1014.5	7209.2	1013.3	7225
GR	1011.1	7233.8	1011.1	7239.7	1014.1	7245.5	1012.0	7302.1	1012.5	7610.4
	1013.1	7931	1014.4	8236.4	1014.9	8390.2	1016.3	8399	1015.2	8406.3
	1014.2	8464	1016.0	8470	1017.7	8509	1013.9	8513.3	1009.9	8638.3
GR	1009.6	8679.7	1007.8	8697.3	1008.1	8905.8	1010.6	8914.7	1011.7	8983.8
GR	1010.4	9053.5	1013.0	9067.4	1011.8	9146.7	1010	9160.5	1010	9490.1
GR	1010	9495.3	1010	9500.2	1010	9618.6	1010	9636.3	1010	9685.9
GR	1010	10072.1	1011.2	10082.5	1012.0	10395	1012.2	10611.9	1010.2	10765.5
GR	1010.9	10786.3	1010.0	10789.7	1008.5	11095.7	1014.8	11122	1016.1	11251.5
GR	1015.0	11309.6	1014.9	11425.9	1013.8	11604.2	1020.3	11624	1020.1	11649
GR	1011.6	11672.2	1014.1	11684	1013.2	11761.9				

ET	8.646	9.1	7.1				9050	10990	8692.3	11500
X1	8.646	70	9268.7	10600.8	575	600	591.78			
GR	1020.3	6340.6	1011.7	6380.5	1011.0	6388.0	1011.7	6396.1	1015.7	6417.6
GR	1015.9	6445.0	1015.3	6449.8	1017.2	6457.9	1015.1	6463.3	1016.2	6469.7
GR	1014.9	6474.9	1014.3	6777.0	1013.6	7077.1	1013.7	7402.3	1013.4	7653.5
GR	1015.4	7683.2	1012.5	7688.5	1013.1	7694.1	1015.0	7700.3	1014.1	7761.6
GR	1015.5	8095.2	1016.1	8423.2	1016.6	8671.3	1016.0	8681.1	1017.4	8692.3
GR	1015.9	8700.1	1015.8	8713.0	1016.3	8715.4	1016.8	8736.5	1014.3	8822.4
GR	1010.8	8836.4	1007.8	8844.4	1008.8	8896.3	1009.9	9024.4	1011.0	9071.9
GR	1011.0	9123.5	1011.9	9132.4	1012.2	9190.9	1013.4	9215.9	1013.6	9250.3
GR	1013.0	9268.7	1010.6	9280.0	1010.6	9560.7	1010.6	10458.1	1012.2	10460.3
GR	1013.3	10476.8	1014.6	10600.8	1013.3	10889.3	1011.1	11061.5	1010.4	11076.0
GR	1011.0	11142.3	1010.2	11288.1	1017.1	11330.1	1017.1	11397.0	1017.8	11413.4
GR	1017.0	11472.0	1017.2	11500.8	1016.4	11515.0	1016.6	11562.3	1017.5	11591.2
GR	1015.8	11630.0	1015.2	11660.5	1015.4	11680.8	1020.0	11722.9	1015.9	11831.0
	1016.0	11907.6	1017.1	11944.5	1015.6	12002.5	1022.8	12022.2	1022.7	12031.8

ET	8.768	9.1	7.1				9275	11105	8182.6	11500
X1	8.768	73	9584.7	10102.8	620	640	641.67			
GR	1021.5	6820.4	1020.9	6871.9	1018.3	6891.7	1019.6	6913.5	1019.1	6923.6
GR	1016.2	6931.0	1019.3	6940.2	1017.2	7099.1	1014.8	7135.2	1015.0	7168.0
GR	1016.7	7199.0	1014.7	7325.5	1015.5	7354.6	1015.1	7667.5	1015.3	8018.9
GR	1016.3	8177.8	1017.4	8182.6	1016.2	8185.7	1014.8	8221.7	1016.6	8233.2
GR	1016.4	8609.8	1017.3	8912.1	1018.3	8921.6	1017.4	8929.1	1016.3	9053.3
GR	1018.5	9082.6	1017.0	9103.2	1016.2	9147.4	1014.6	9168.7	1011.9	9186.9
GR	1010.1	9230.0	1010.6	9376.9	1014.4	9399.6	1015.0	9575.4	1014.3	9584.7
GR	1011.7	9596.2	1011.9	9616.7	1014.9	9627.9	1014.2	9882.6	1008.4	9901.1
GR	1008.4	10075.9	1015.8	10102.8	1015.6	10460.9	1014.6	10627.3	1013.9	10650.0
GR	1013.9	11250.5	1017.1	11275.3	1018.8	11523.5	1017.7	11656.2	1018.3	11826.0
GR	1017.7	11888.7	1019.3	11923.5	1018.0	11936.7	1017.8	12001.1	1017.8	12505.3
GR	1018.9	12523.0	1018.1	12551.7	1017.8	12561.4	1017.8	12885.4	1027.8	12901.0
GR	1028.2	12921.5	1023.3	12934.8	1022.6	12954.5	1017.8	12997.1	1017.8	13068.9
GR	1021.4	13136.0	1022.6	13179.3	1028.0	13212.5	1028.2	13251.1	1022.8	13271.3
GR	1022.5	13295.0	1026.9	13348.6	1027.0	13388.5				
ET	8.875	9.1	7.1				9525	11295	8600	11500
X1	8.875	79	9641.5	10398.6	570	530	565.21			
GR	1020.4	6492.6	1019.2	6725.0	1018.5	6925.4	1018.1	7145.0	1017.6	7326.2
GR	1017.0	7408.2	1016.1	7412.1	1016.7	7419.3	1016.1	7477.7	1016.4	7711.3
GR	1016.7	7927.3	1017.6	8127.7	1017.2	8328.0	1017.8	8528.4	1017.3	8617.9
GR	1017.5	8633.8	1018.4	8637.8	1017.7	8642.2	1017.0	8705.4	1017.6	8778.9
GR	1017.5	8979.3	1018.2	9179.7	1018.7	9231.7	1020.4	9250.6	1018.9	9256.7
GR	1018.6	9277.2	1019.1	9283.7	1018.6	9287.1	1016.6	9336.7	1015.8	9416.6
GR	1017.8	9446.4	1017.2	9470.6	1018.1	9540.1	1013.8	9559.1	1012.8	9585.9
GR	1013.8	9616.3	1016.3	9641.5	1014.5	9679.2	1014.5	9718.3	1012.6	9729.1
GR	1012.2	9760.2	1013.1	9769.7	1013.1	9792.9	1009.1	9811.5	1009.5	9856.2
GR	1009.1	10014.4	1015.2	10033.8	1016.0	10148.6	1016.8	10177.4	1017.3	10398.6
GR	1017.2	10606.5	1017.2	11316.1	1018.6	11371.3	1020.2	11508.6	1017.3	11625.4
GR	1017.9	11724.1	1019.3	11820.7	1019.4	11859.1	1019.0	11881.1	1019.3	11975.9
GR	1018.8	12034.4	1018.3	12056.7	1019.3	12092.8	1019.6	12151.2	1020.8	12281.6
GR	1019.8	12354.5	1020.0	12384.9	1018.3	12409.3	1018.7	12439.9	1023.9	12473.2
GR	1020.6	12496.3	1020.3	12529.8	1022.5	12562.1	1021.8	12579.5	1022.7	12601.1
GR	1025.6	12635.2	1026.8	12660.7	1027.8	12709.1	1027.6	12721.7		
ET	8.992	9.1	7.1				9770	11465	9300	11545
X1	8.992	95	9819.1	11458.9	660	470	619.79			
GR	1019.7	6650.5	1019.9	6869.8	1019.3	7088.8	1018.3	7308.1	1018.1	7357.4
GR	1018.4	7405.7	1018.1	7504.7	1018.5	7653.7	1018.2	7853.7	1018.0	8053.8
GR	1018.1	8264.5	1018.4	8468.0	1018.5	8703.9	1018.7	8903.9	1019.0	9027.4
GR	1019.5	9087.0	1021.0	9090.7	1020.7	9100.0	1019.3	9109.2	1020.1	9296.8
GR	1021.5	9328.8	1020.5	9349.7	1020.0	9438.9	1020.1	9504.0	1019.5	9556.4
GR	1017.3	9599.3	1018.2	9666.3	1018.3	9706.1	1019.2	9732.7	1017.7	9759.7
GR	1018.5	9768.4	1017.8	9819.1	1009.1	9833.6	1009.0	9846.9	1008.1	9861.1
GR	1010.3	9909.7	1010.7	9990.4	1008.9	10005.9	1008.8	10022.3	1016.4	10042.0
GR	1016.9	10052.9	1015.9	10160.6	1016.0	10270.5	1016.5	10316.7	1016.2	10350.3
GR	1018.0	10379.5	1019.3	10546.0	1017.0	10601.9	1014.8	10621.9	1014.4	10655.5
GR	1015.3	10874.6	1016.7	10991.6	1015.2	11039.4	1015.3	11125.6	1017.1	11151.2
GR	1016.3	11204.2	1016.4	11261.7	1018.9	11299.8	1017.9	11310.6	1018.5	11319.2
GR	1018.0	11328.3	1016.3	11336.4	1017.5	11339.8	1018.8	11349.2	1016.2	11362.2
GR	1017.6	11368.0	1017.7	11375.3	1016.4	11385.1	1021.2	11407.1	1019.8	11426.3

GR	1019.0	11458.9	1017.6	11474.7	1016.3	11480.5	1015.1	11493.3	1021.9	11515.7
GR	1023.5	11522.7	1024.3	11529.3	1026.1	11539.3	1026.6	11545.6	1025.5	11561.6
GR	1016.2	11587.4	1016.1	11604.1	1022.6	11633.5	1023.3	11713.8	1021.5	11863.3
GR	1022.4	11891.7	1022.0	11904.7	1020.8	11918.2	1020.0	11940.3	1020.6	12044.9
GR	1022.2	12097.0	1025.2	12129.3	1025.1	12132.3	1028.6	12182.4	1028.4	12234.4
ET	9.098	9.1	7.1				9820	11560	9707.9	11720.1
X1	9.098	94	9821	11545.5	630	235	561.62			
GR	1021.9	6807.8	1021.3	6864.6	1021.4	7066.3	1021.4	7114.7	1020.6	7164.9
GR	1020.8	7264.7	1020.2	7464.7	1019.6	7614.7	1020.3	7814.7	1020.2	8014.7
GR	1020.4	8114.8	1019.8	8314.8	1020.0	8514.8	1020.1	8714.8	1020.1	8964.8
GR	1020.3	9171.9	1020.6	9291.9	1021.1	9325.4	1022.0	9334.4	1022.1	9363.7
GR	1020.5	9369.4	1020.2	9374.6	1019.9	9455.5	1020.7	9471.3	1021.3	9498.9
GR	1021.8	9509	1021.8	9528.1	1021.3	9549.4	1021.3	9566.9	1021.6	9575.1
GR	1020.3	9619.8	1020.8	9653.5	1021.4	9666.6	1022.8	9720.5	1022.7	9727.9
GR	1021.7	9738.3	1021.4	9749.5	1020.6	9760.4	1020.5	9773.2	1019.1	9795.7
GR	1018.2	9816.6	1015.8	9821	1011.5	9833.6	1012.2	9869.4	1012.1	9886.2
GR	1011.4	9898.2	1011.2	9921.7	1009.9	9955.1	1011.1	9974.7	1011.9	10000.4
GR	1014.3	10024.5	1015.0	10112.5	1016.2	10171	1016.4	10207.6	1016.8	10229.8
GR	1017.1	10301.4	1016.7	10331	1016.6	10494.3	1017.2	10533.4	1017.0	10584
GR	1016.4	10616.2	1015.6	10633.7	1015.6	10685.2	1016.6	10716.6	1016.1	10739.1
GR	1016.0	10826.7	1017.0	10878.7	1016.9	10887.6	1018.2	10938.2	1019.4	10994.9
GR	1018.9	11045.5	1019.7	11129.1	1019.6	11141.2	1016.5	11168.1	1016.2	11174.1
GR	1017.3	11246	1016.2	11292.5	1016.6	11337.4	1017.7	11350.3	1017.6	11362.9
	1016.6	11393.7	1017.4	11477.6	1016.6	11483.7	1016.3	11494.9	1016.3	11509.2
	1015.2	11534.2	1017.9	11545.5	1028.0	11575.1	1026.8	11593.1	1026.1	11598.7
GR	1025.4	11622.1	1024.2	11652.9	1023.9	11699.1	1024.3	11740.1		
NC				0.3	0.5					
ET	9.177	9.11	9.11						9836	11608

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***** CAMELBACK ROAD ********
***** LOW CHORD = 1027.5 ****
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X1	9.177	96	9881.1	11585.5	460	220	415.85			
GR	1022.2	7340.9	1021.8	7440.5	1022.0	7483.4	1022.5	7500.0	1022.4	7527.2
GR	1023.6	7799.5	1023.7	7951.3	1023.2	8104.6	1023.6	8218.2	1023.9	8224.3
GR	1023.5	8230.9	1024.6	8558.6	1024.6	8768.3	1025.3	8924.8	1025.1	9007.6
GR	1026.3	9168.4	1026.9	9387.9	1027.9	9417.0	1027.0	9426.1	1027.2	9431.5
GR	1027.8	9434.5	1027.9	9438.0	1028.5	9440.8	1027.8	9455.7	1027.4	9499.0
GR	1027.8	9565.0	1027.6	9567.1	1027.5	9582.7	1028.7	9601.7	1029.1	9632.8
GR	1030.5	9694.1	1030.2	9695.0	1030.6	9704.7	1031.0	9759.9	1030.9	9784.3
GR	1032.0	9813.0	1032.7	9816.8	1032.9	9820.1	1031.9	9823.4	1032.8	9827.4
GR	1033.1	9836.8	1032.8	9851.7	1032.5	9856.2	1027.5	9866.6	1023.7	9881.1
GR	1018.1	9912.0	1017.7	9923.7	1015.8	9930.3	1015.5	9935.3	1012.4	9944.5
GR	1010.5	9950.9	1010.4	9968.7	1012.5	9981.2	1012.8	9985.0	1012.4	10002.2
GR	1014.8	10040.1	1015.2	10051.5	1013.9	10066.8	1011.9	10101.8	1013.2	10123.1
GR	1013.8	10151.5	1016.3	10183.9	1017.3	10200.8	1017.8	10326.0	1017.2	10584.0
GR	1017.4	10636.5	1017.2	10750.2	1017.5	10835.2	1018.2	10935.4	1018.3	11133.6
	1018.0	11144.4	1018.2	11184.1	1018.2	11284.1	1017.2	11392.1	1017.6	11450.5
	1017.9	11525.0	1017.4	11536.8	1017.0	11539.9	1017.1	11558.3	1024.7	11585.5
GR	1027.6	11598.0	1030.9	11605.7	1031.1	11608.1	1030.4	11612.9	1030.0	11620.3
GR	1031.2	11638.6	1030.4	11642.8	1030.7	11651.3	1030.2	11682.9	1030.0	11717.2
GR	1030.2	11723.4	1030.0	11724.9	1029.4	11807.5	1029.5	11836.6	1028.6	11873.6

GR	1028.8	11888.0								
ET	9.191	9.11	9.11						9850	11610
SB	1.05	1.56	2.70	0	1650	84.00	18351.47	3	1016	1016
X1	9.191	90	9854.5	11606.9	60	60	60			
X2	0	0	1	1031.80	1034.20	0	0	1.33	0	0
BT	9	9870.4	1034.2	1034.2	9870.5	1037.0	1027.5	10215.2	1039.8	1030.3
BT	10445	1040.8	1031.3	10733.0	1041.3	1031.8	11020.0	1040.8	1031.3	11250.0
BT	1039.8	1030.3	11593.0	1037.0	1027.5	11593.1	1034.2	1034.2		
GR	1033.3	6999.8	1033.2	7319.4	1032.8	7624.1	1032.7	8051.3	1031.8	8358.6
GR	1031.6	8501.5	1031.6	8665.0	1031.2	8725.8	1031.1	8856.7	1030.1	9059.7
GR	1030.2	9127.5	1029.9	9182.0	1030.3	9186.0	1030.0	9239.0	1030.4	9249.4
GR	1029.2	9395.3	1029.6	9413.7	1029.4	9419.5	1030.1	9480.1	1029.9	9565.1
GR	1029.1	9623.4	1030.2	9653.0	1032.0	9822.5	1032.4	9823.8	1032.5	9854.5
GR	1029.0	9868.0	1027.8	9870.5	1018.1	9905.4	1017.7	9915.3	1015.9	9927.8
GR	1015.7	9938.6	1013.6	9945.9	1010.7	9970.2	1012.8	9998.2	1015.7	10071.3
GR	1014.0	10099.2	1013.1	10139.0	1012.8	10170.8	1013.3	10213.5	1013.2	10228.3
GR	1018.0	10288.2	1017.3	10530.4	1017.5	10835.0	1018.0	11007.0	1018.7	11075.1
GR	1018.8	11128.3	1017.5	11181.0	1017.4	11230.5	1018.1	11279.2	1017.6	11430.5
GR	1018.2	11472.8	1020.1	11493.0	1020.2	11499.3	1018.0	11518.6	1017.8	11554.5
GR	1024.7	11581.1	1024.9	11583.0	1028.8	11594.1	1032.3	11606.9	1032.2	11634.1
GR	1032.5	11637.5	1031.8	11641.8	1031.9	11649.6	1031.6	11652.4	1030.4	11765.3
GR	1030.0	11851.2	1030.4	11885.7	1028.4	12200.0	1027.7	12508.0	1026.9	12840.4
GR	1025.9	13086.5	1026.2	13099.1	1025.6	13298.1	1025.9	13302.6	1026.1	13610.1
GR	1025.4	13729.3	1025.6	13962.8	1025.2	14019.7	1024.9	14324.8	1025.3	14457.7
GR	1025.7	14481.6	1025.6	14555.3	1024.8	14666.7	1025.3	15020.4	1025.3	15336.7
GR	1025.2	15450.6	1025.4	15458.1	1025.1	15575.6	1025.2	15660.3	1024.8	15703.7
NC	.05	.05	.035							
ET	9.198	9.1	9.1						9862.4	11582.2
X1	9.198	93	9885.6	11582.1	34	34	34.15			
GR	1026.6	7836.5	1025.5	8138.3	1025.2	8448.0	1024.0	8777.4	1024.5	8879.8
GR	1023.9	8901.2	1024.0	9145.3	1023.6	9224.5	1025.0	9257.4	1024.6	9318.5
GR	1025.3	9373.2	1025.1	9389.6	1025.7	9394.3	1024.4	9400.5	1023.1	9414.1
GR	1023.4	9420.3	1025.1	9433.7	1026.0	9437.9	1026.1	9478.8	1024.3	9510.9
GR	1024.4	9534.6	1025.5	9572.6	1024.1	9584.3	1023.6	9595.7	1023.5	9636.3
GR	1022.9	9645.1	1031.1	9691.6	1031.0	9710.9	1030.2	9729.1	1029.9	9777.9
GR	1031.0	9862.4	1022.5	9885.6	1017.9	9902.0	1016.2	9922.4	1016.0	9934.4
GR	1013.6	9944.1	1011.1	9964.8	1011.4	9979.3	1012.9	10000.4	1016.0	10088.6
GR	1014.2	10118.3	1014.6	10129.7	1013.2	10281.2	1017.9	10328.8	1017.3	10528.1
GR	1017.5	10789.5	1019.2	10836.2	1019.6	11137.8	1019.4	11277.6	1017.7	11294.1
GR	1017.2	11428.1	1017.9	11468.2	1021.3	11496.3	1017.7	11518.9	1018.4	11557.4
GR	1024.1	11582.1	1027.7	11594.3	1026.6	11607.2	1024.1	11621.9	1023.4	11631.1
GR	1021.6	11836.6	1022.0	11878.1	1023.5	11902.4	1021.6	11968.3	1021.1	12187.7
GR	1021.6	12430.8	1020.8	12483.9	1021.2	12515.9	1020.4	12530.4	1021.2	12548.8
GR	1021.4	12628.9	1020.9	12659.6	1020.3	12668.0	1021.9	12677.0	1020.7	12693.6
GR	1019.1	12706.7	1019.4	12775.6	1020.4	12798.3	1020.7	12909.0	1018.4	12988.9
GR	1017.9	13095.3	1018.6	13128.6	1018.3	13204.2	1018.6	13231.1	1023.2	13240.2
GR	1023.6	13246.0	1023.0	13269.5	1024.5	13273.6	1018.9	13290.3	1018.3	13348.5
GR	1016.6	13365.6	1017.7	13419.1	1017.6	13538.1				

ET	9.266	9.1	7.1				9725	11620	9439.6	11700
X1	9.266	93	9725.9	11607.3	355	340	359			
GR	1024.3	7822.4	1024.5	8138.1	1024.7	8447.1	1024.9	8756.0	1024.2	9091.8
GR	1023.4	9402.0	1023.3	9418.1	1024.2	9423.6	1021.6	9432.7	1024.2	9439.6
GR	1022.9	9444.9	1022.4	9529.5	1020.2	9575.9	1022.3	9661.6	1022.1	9725.9
GR	1013.9	9852.8	1017.2	10006.0	1013.9	10058.2	1013.7	10086.7	1017.3	10103.7
GR	1016.8	10209.4	1015.7	10230.4	1016.6	10257.2	1014.7	10308.2	1014.3	10344.1
GR	1018.0	10369.8	1017.8	10486.5	1019.5	10508.4	1021.4	10604.4	1021.3	10654.4
GR	1019.6	10685.0	1019.7	10704.5	1016.3	10751.4	1017.9	10770.7	1021.4	10905.8
GR	1020.8	11021.8	1021.6	11204.6	1020.8	11252.1	1017.1	11283.4	1018.2	11404.6
GR	1017.7	11468.4	1021.5	11607.3	1018.7	11635.1	1017.1	11660.6	1023.1	11704.5
GR	1022.8	11728.9	1017.3	11752.5	1017.5	11789.2	1023.8	11815.8	1024.4	11854.6
GR	1022.1	11954.6	1023.1	12278.8	1021.6	12459.7	1020.1	12472.3	1021.7	12489.4
GR	1020.8	12507.6	1022.4	12660.6	1019.8	12672.3	1019.0	12686.2	1021.1	12714.1
GR	1020.8	12727.1	1022.4	12754.6	1021.7	13004.7	1020.1	13039.2	1022.2	13104.7
GR	1021.4	13173.2	1018.6	13185.1	1018.2	13192.5	1022.7	13202.6	1018.5	13212.1
GR	1019.0	13244.7	1023.0	13254.3	1018.1	13265.2	1019.3	13347.4	1020.2	13359.6
GR	1020.5	13394.8	1018.9	13405.5	1020.6	13454.7	1020.8	13490.7	1022.7	13501.3
GR	1023.2	13532.9	1022.0	13542.7	1022.7	13554.9	1023.2	13887.5	1023.1	14188.9
GR	1023.3	14504.7	1023.0	14515.6	1024.2	14522.5	1023.3	14526.3	1023.2	14854.7
GR	1023.8	15204.7	1024.1	15254.7	1024.1	15454.2				
NC				0.1	0.3					
	9.343	9.1	7.1				9618	11470	9408.8	12100
	9.343	95	9618.7	11377.4	400	420	407.20			
GR	1024.9	7587.8	1024.9	7926.9	1025.2	8234.9	1024.9	8577.0	1025.0	8877.0
GR	1025.1	9206.1	1024.5	9368.1	1025.6	9377.1	1024.8	9387.6	1025.6	9394.5
GR	1023.2	9401.8	1026.1	9408.8	1025.1	9413.1	1025.4	9477.1	1024.3	9498.4
GR	1025.4	9523.7	1024.0	9615.6	1022.6	9618.7	1018.1	9653.8	1018.9	9877.1
GR	1017.8	9902.5	1015.5	9910.9	1014.4	9944.6	1015.3	10010.6	1014.7	10059.6
GR	1017.2	10073.7	1016.7	10177.2	1015.4	10217.0	1018.8	10234.4	1019.8	10363.0
GR	1018.7	10378.3	1018.8	10424.4	1019.9	10440.5	1021.2	10627.2	1020.9	10650.2
GR	1021.9	10696.3	1018.5	10731.0	1020.0	10782.7	1019.5	10844.3	1021.8	10927.2
GR	1022.9	11083.8	1022.0	11126.4	1021.2	11128.4	1019.5	11173.0	1020.3	11179.4
GR	1018.2	11194.8	1017.9	11304.7	1020.3	11326.9	1020.1	11354.6	1023.7	11377.4
GR	1024.1	11427.7	1022.8	11453.9	1024.7	11477.3	1022.8	11516.1	1024.4	11527.3
GR	1023.1	11577.3	1022.4	11728.2	1021.6	11734.2	1024.2	11777.2	1023.7	12081.9
GR	1024.4	12170.3	1021.8	12239.3	1021.5	12285.2	1017.9	12350.6	1018.3	12655.5
GR	1019.0	12919.1	1022.5	13026.2	1019.4	13073.5	1019.5	13113.7	1022.8	13131.2
GR	1024.2	13161.2	1021.4	13172.5	1021.5	13210.4	1024.9	13220.0	1019.4	13231.2
GR	1020.6	13297.8	1019.8	13316.4	1019.8	13337.3	1021.0	13348.0	1021.0	13441.1
GR	1023.7	13473.5	1021.3	13588.7	1023.6	13727.5	1023.7	14041.5	1023.5	14377.5
GR	1023.6	14491.9	1025.1	14496.9	1023.2	14502.0	1023.9	14827.6	1024.3	15128.2
GR	1024.6	15432.3	1024.8	15759.3	1027.2	15809.2	1026.1	15839.4	1026.7	15864.0
ET	9.435	9.1	7.1				9548	11200	8158.2	11839.2
X1	9.435	83	9548.8	11146.3	475	495	482.24			
GR	1026.4	8158.2	1026.9	8488.2	1026.6	8820.8	1026.6	9153.1	1027.0	9359.2
	1024.3	9366.6	1026.9	9375.9	1025.8	9380.2	1024.1	9489.5	1025.0	9548.8
	1019.4	9576.8	1019.2	9849.0	1018.4	9908.7	1019.6	9922.6	1015.2	9933.9
GR	1015.4	9996.3	1018.3	10046.3	1018.6	10097.9	1017.2	10118.4	1017.3	10146.3
GR	1016.2	10155.8	1016.5	10181.7	1020.3	10199.6	1021.2	10546.3	1020.0	10889.1
GR	1020.7	11048.3	1019.4	11060.7	1023.5	11095.3	1023.2	11111.6	1025.8	11146.3

GR	1025.1	11318.4	1022.3	11346.7	1023.9	11346.8	1025.4	11396.3	1023.4	11715.2
GR	1024.4	11799.5	1023.5	11816.9	1031.5	11839.2	1024.4	11854.6	1023.6	12095.2
GR	1026.5	12103.4	1023.3	12111.2	1023.4	12173.1	1021.8	12180.1	1025.3	12196.4
GR	1026.7	12210.6	1024.4	12279.4	1024.9	12296.3	1023.9	12317.6	1024.1	12372.9
GR	1025.8	12381.3	1024.7	12389.2	1026.0	12412.9	1025.1	12426.1	1022.6	12436.7
GR	1024.1	12462.4	1023.1	12467.5	1023.5	12488.3	1027.8	12501.1	1023.6	12514.8
GR	1024.8	12652.4	1024.8	12948.7	1025.7	13145.7	1023.8	13152.6	1024.7	13198.4
GR	1028.4	13207.9	1028.1	13222.0	1024.3	13232.5	1023.0	13249.0	1023.7	13452.5
GR	1028.8	13477.7	1028.7	13513.8	1024.3	13534.0	1023.4	13714.2	1020.2	13778.8
GR	1020.1	14098.7	1020.7	14275.7	1025.3	14461.9	1025.7	14778.3	1024.9	15117.5
GR	1025.7	15440.3	1028.8	15731.5	1030.3	15743.1				
ET	9.519	9.1	7.1				9500	11160	9353.8	11803.0
X1	9.519	74	9530.0	11038.2	450	445	445.93			
GR	1028.1	8418.7	1026.8	8455.6	1028.1	8480.0	1027.4	8880.0	1026.4	9183.8
GR	1026.6	9339.0	1024.6	9346.8	1027.1	9353.8	1026.0	9360.1	1024.3	9467.6
GR	1026.2	9481.6	1024.8	9499.6	1025.3	9530.0	1020.4	9568.8	1021.3	9580.0
GR	1019.8	9671.8	1021.8	9680.4	1020.4	9936.5	1017.4	9979.7	1019.0	9997.1
GR	1016.3	10080.9	1018.3	10100.5	1017.0	10182.7	1021.0	10206.2	1022.5	10535.4
GR	1022.7	10730.0	1020.9	10786.3	1022.2	10830.0	1020.0	10940.9	1020.5	10995.1
GR	1024.8	11038.2	1023.8	11093.5	1026.2	11173.8	1025.2	11479.7	1023.5	11509.9
GR	1025.0	11530.0	1025.3	11792.0	1030.1	11803.0	1026.0	11807.1	1026.0	12588.1
GR	1026.9	12590.0	1024.3	12605.5	1027.6	12686.2	1025.5	12692.0	1025.5	12804.6
GR	1029.5	12813.4	1029.4	12829.0	1030.1	12840.4	1025.4	12852.4	1027.0	12976.6
GR	1023.0	13084.8	1023.6	13128.6	1025.7	13157.2	1030.6	13170.4	1025.6	13186.4
GR	1026.3	13207.1	1035.7	13281.9	1037.3	13313.1	1033.3	13560.9	1028.0	13585.0
GR	1027.9	13597.0	1027.0	13597.8	1026.0	13930.0	1025.0	14270.0	1025.5	14580.0
GR	1025.4	14890.8	1026.5	15191.1	1027.2	15401.2	1028.4	15667.7	1032.4	15680.4
GR	1032.4	15692.0	1028.8	15700.0	1028.5	15707.9	1030.7	15740.9		
ET	9.605	9.1	7.1				9510	11140	9333	11778.8
X1	9.605	65	9528.1	11013.4	450	455	453.02			
GR	1026.9	8906.2	1026.7	9213.4	1027.2	9312.6	1028.5	9317.9	1026.2	9325.5
GR	1028.3	9333.1	1026.8	9341.6	1026.9	9449.8	1029.5	9466.0	1025.9	9513.6
GR	1026.2	9528.1	1021.3	9552.7	1021.7	9613.6	1020.3	9626.6	1021.4	9691.9
GR	1019.1	9885.5	1021.7	9899.7	1019.8	9963.2	1023.8	10013.4	1023.7	10113.7
GR	1025.2	10165.4	1018.7	10197.8	1019.1	10296.8	1022.1	10305.6	1023.9	10514.0
GR	1022.5	10541.1	1023.4	10563.4	1022.3	10601.0	1021.6	10869.6	1022.5	10977.3
GR	1026.7	11013.4	1025.6	11082.0	1027.9	11163.4	1027.7	11233.8	1026.7	11244.8
GR	1028.1	11365.2	1026.5	11508.4	1027.7	11513.7	1026.1	11663.4	1027.1	11769.3
GR	1030.1	11778.8	1027.1	11785.4	1027.1	12761.9	1027.7	12776.9	1026.2	13095.4
GR	1027.1	13134.9	1032.3	13148.8	1026.6	13163.1	1026.8	13386.9	1025.2	13413.4
GR	1027.7	13464.6	1026.9	13813.4	1026.9	14115.7	1027.0	14408.4	1028.1	14425.0
GR	1026.7	14608.7	1027.7	14613.4	1026.1	14618.2	1027.8	14625.6	1026.4	14628.3
GR	1027.6	14632.2	1026.7	14964.5	1027.3	15314.4	1028.3	15663.4	1029.0	15673.3

CONFLUENCE WITH NEW RIVER

ET	9.696	9.1	7.1				9570	11080	9015	11702.1
X1	9.696	91	9602.6	10996.2	530	430	484.29			
GR	1029.9	7599.1	1029.2	7912.4	1029.7	8257.2	1030.5	8619.8	1029.9	8831.5
GR	1028.9	8845.5	1028.1	8992.0	1029.5	9015.3	1026.3	9041.5	1020.9	9075.8
GR	1019.3	9100.8	1019.0	9317.2	1023.7	9420.4	1023.3	9442.7	1024.3	9588.4
GR	1026.2	9602.6	1026.1	9618.1	1027.9	9632.9	1026.0	9655.6	1027.2	9668.0
GR	1027.6	9692.2	1028.3	9696.5	1026.7	9753.2	1027.0	9818.1	1022.2	9845.3

GR	1020.6	9885.0	1022.9	9958.5	1022.2	9970.0	1022.9	9987.3	1022.2	10010.3
GR	1024.7	10030.2	1025.6	10107.8	1025.2	10146.5	1024.5	10147.3	1024.7	10232.4
GR	1018.7	10247.8	1018.7	10339.8	1020.3	10349.2	1022.2	10433.3	1021.8	10446.8
GR	1023.6	10545.7	1023.9	10724.6	1024.9	10739.3	1024.4	10971.5	1026.9	10996.2
GR	1028.4	11103.5	1026.2	11181.0	1027.7	11201.0	1027.4	11533.9	1028.1	11659.0
GR	1027.1	11690.8	1029.1	11702.1	1024.2	11713.9	1023.4	11748.9	1024.0	11775.8
GR	1023.2	12099.7	1024.0	12265.9	1024.8	12280.0	1025.1	12425.6	1022.1	12449.5
GR	1021.3	12467.7	1022.9	12487.3	1025.4	12493.6	1025.4	12539.0	1023.3	12552.1
GR	1025.5	12557.5	1024.9	12601.6	1025.9	12902.3	1027.4	13067.7	1030.4	13077.2
GR	1027.9	13089.0	1026.4	13183.5	1025.5	13215.4	1027.3	13280.3	1028.4	13555.0
GR	1027.3	13906.4	1027.2	14209.6	1027.1	14347.5	1028.2	14354.0	1028.0	14669.0
GR	1027.3	14730.2	1027.7	15048.9	1028.6	15362.0	1028.8	15462.4	1028.7	15548.9
GR	1030.4	15610.3	1034.4	15621.3	1034.8	15633.1	1030.2	15641.5	1029.5	15651.1
GR	1030.2	15663.0								
QT	2	30000	30000							
ET	9.790	9.1	7.1				9525	10924	9136.2	11950
X1	9.790	90	9555.3	10923.6	570	365	492.77			
GR	1033.4	7051.4	1033.3	7056.7	1035.0	7064.0	1034.8	7075.2	1034.0	7078.0
GR	1032.1	7149.3	1031.7	7458.3	1030.8	7493.6	1031.4	7524.7	1028.3	7657.8
GR	1025.9	7681.4	1026.6	7705.8	1022.0	7986.7	1023.2	8099.4	1024.3	8119.6
GR	1023.5	8159.1	1024.2	8159.2	1024.8	8466.1	1023.4	8634.1	1024.7	8670.4
GR	1024.8	8724.6	1027.5	8780.5	1027.7	9035.8	1027.0	9088.0	1030.0	9113.4
GR	1029.8	9131.3	1030.6	9136.2	1028.0	9147.7	1029.0	9301.9	1028.1	9331.0
	1028.6	9383.7	1027.9	9385.7	1027.5	9514.1	1029.1	9555.3	1026.1	9588.2
	1028.0	9790.4	1026.5	9806.2	1028.5	9821.7	1029.1	9892.3	1023.9	9916.5
GR	1021.9	10053.9	1023.8	10065.9	1023.4	10107.6	1020.8	10160.4	1019.6	10166.7
GR	1019.5	10222.2	1023.6	10235.1	1023.1	10261.5	1024.5	10277.4	1024.1	10299.7
GR	1022.8	10309.0	1022.5	10353.4	1023.6	10369.6	1022.8	10396.5	1025.0	10526.2
GR	1025.5	10666.4	1024.6	10799.2	1029.4	10923.6	1029.3	11267.1	1026.9	11558.6
GR	1025.9	11569.6	1027.7	11617.1	1027.3	11796.4	1024.9	11817.8	1027.7	11841.5
GR	1027.3	11873.4	1025.9	11886.9	1027.0	11916.7	1027.2	12071.6	1029.3	12091.5
GR	1030.6	12410.5	1030.2	12717.1	1030.4	12823.6	1028.3	12889.8	1029.1	12917.1
GR	1028.0	13014.7	1026.5	13027.1	1028.8	13042.6	1029.8	13067.3	1029.4	13317.1
GR	1028.6	13328.2	1029.6	13398.4	1028.5	13404.5	1028.8	13723.6	1029.1	14060.6
GR	1028.1	14367.1	1028.2	14717.1	1029.2	15019.0	1030.2	15331.2	1030.5	15407.2
ET	9.885	9.1	7.1				9325	10725	9327.8	12100
X1	9.885	91	9327.8	10706.6	520	460	503.63			
GR	1039.2	7565.7	1040.2	7662.3	1034.6	7685.9	1030.3	7700.2	1031.3	7867.8
GR	1029.7	7916.4	1027.5	7931.4	1026.9	7950.4	1030.6	7976.2	1031.5	7997.4
GR	1036.9	8022.8	1038.7	8074.4	1037.7	8126.1	1038.6	8229.3	1030.0	8275.0
GR	1029.1	8298.7	1024.4	8321.0	1023.7	8351.4	1031.1	8385.8	1031.2	8512.7
GR	1033.1	8528.7	1031.2	8560.8	1030.8	8895.1	1030.9	8906.2	1029.6	8919.4
GR	1029.8	9072.1	1029.1	9082.1	1030.3	9093.1	1029.6	9210.6	1032.3	9290.7
GR	1030.8	9299.0	1031.3	9327.8	1026.1	9346.9	1027.3	9423.2	1028.4	9430.8
GR	1029.2	9506.5	1028.0	9575.4	1029.3	9589.9	1028.9	9891.7	1028.8	9906.9
GR	1023.8	9943.1	1021.1	10038.7	1023.4	10078.6	1026.8	10380.8	1027.1	10669.0
GR	1029.9	10706.6	1028.7	11026.7	1028.5	11086.3	1027.3	11098.7	1028.9	11111.9
	1028.5	11220.7	1028.4	11325.3	1027.6	11358.6	1028.7	11372.0	1025.8	11398.6
	1029.1	11415.3	1028.9	11748.4	1028.5	11808.8	1030.7	11828.7	1031.0	12156.6
GR	1030.4	12166.2	1030.1	12236.2	1031.4	12257.8	1031.2	12452.6	1028.4	12472.0
GR	1031.1	12656.6	1030.8	12906.6	1029.6	12946.3	1031.2	13006.6	1030.2	13048.4
GR	1031.1	13078.7	1029.6	13093.9	1029.3	13107.9	1031.3	13116.8	1030.8	13158.5

GR	1028.0	13195.5	1028.6	13366.4	1029.6	13556.6	1029.4	13659.0	1030.3	13959.7
GR	1030.6	14219.8	1031.3	14232.5	1030.5	14237.0	1030.7	14250.8	1029.1	14263.3
GR	1030.4	14606.6	1030.6	14909.8	1032.2	15157.1	1031.1	15164.5	1035.3	15172.3
GR	1035.2	15177.3								
ET	9.981	9.1	7.1				9288	10610	9288	12300
X1	9.981	94	9288.6	10529.4	620	380	504.23			
GR	1028.8	7985.5	1027.3	7992.5	1027.4	7998.6	1032.5	8033.4	1033.1	8101.7
GR	1031.9	8112.7	1032.2	8131.4	1037.6	8178.1	1038.2	8213.2	1037.3	8220.9
GR	1032.6	8240.3	1032.0	8257.9	1033.4	8264.7	1033.1	8586.5	1033.0	8909.7
GR	1032.0	8984.7	1030.9	8994.9	1032.0	9003.4	1031.0	9027.0	1032.1	9096.5
GR	1031.1	9106.3	1032.8	9124.2	1032.4	9150.5	1030.9	9161.7	1033.5	9288.6
GR	1030.9	9317.4	1029.0	9365.9	1029.5	9435.9	1031.0	9448.2	1029.2	9520.4
GR	1030.5	9652.6	1031.6	9714.0	1030.4	9816.3	1022.8	9874.0	1025.6	10071.1
GR	1023.9	10094.9	1026.5	10310.3	1028.2	10343.2	1027.6	10373.8	1029.0	10418.0
GR	1028.2	10494.2	1029.7	10529.4	1030.2	10678.9	1029.0	10690.6	1030.0	10718.8
GR	1030.3	10834.8	1029.3	10845.2	1030.2	10856.8	1030.0	11179.6	1029.2	11244.4
GR	1026.3	11262.4	1029.2	11279.5	1030.4	11499.2	1030.0	11717.1	1031.2	11733.8
GR	1030.9	11764.4	1032.4	11794.0	1033.1	12111.9	1032.8	12234.1	1030.9	12254.0
GR	1031.1	12375.2	1030.1	12403.4	1032.2	12472.1	1030.9	12495.7	1031.6	12528.2
GR	1030.6	12574.3	1033.0	12629.6	1032.0	12670.6	1032.4	12845.3	1029.6	13000.6
GR	1029.2	13074.2	1029.2	13136.4	1028.2	13148.1	1031.5	13279.6	1030.8	13579.6
GR	1030.1	13583.7	1032.3	13643.0	1032.7	13879.6	1031.9	13915.8	1032.9	13931.6
GR	1031.8	13936.5	1031.0	13959.3	1029.2	13980.9	1030.9	14079.6	1029.6	14113.5
GR	1031.1	14118.8	1031.7	14429.6	1032.0	14779.6	1031.3	14933.3	1035.8	14941.6
GR	1036.2	14956.7	1031.7	14964.7	1031.0	14972.7	1032.0	14986.6		
ET	10.071	9.1	7.1				9289	10520	9170	12311.1
X1	10.071	91	9289.6	10511.4	625	355	474.54			
GR	1042.8	7501.6	1042.9	7530.3	1038.5	7548.7	1037.8	7578.6	1030.4	7612.9
GR	1035.3	7648.5	1037.9	7660.3	1035.4	7749.7	1036.1	7818.4	1035.0	7866.0
GR	1035.0	8082.1	1033.5	8219.9	1035.0	8254.6	1034.6	8292.0	1032.2	8311.0
GR	1032.4	8347.0	1034.5	8360.9	1032.7	8394.8	1033.9	8418.4	1035.3	8718.9
GR	1033.9	8784.2	1034.9	8790.9	1032.9	8964.3	1035.7	8986.2	1033.7	9067.0
GR	1033.9	9112.6	1033.0	9139.5	1034.1	9213.8	1031.4	9251.6	1031.4	9273.1
GR	1032.6	9289.6	1029.7	9332.3	1032.8	9450.2	1029.6	9714.0	1027.9	9724.5
GR	1028.8	9745.6	1028.4	9820.1	1026.3	9829.3	1025.1	10105.6	1025.7	10120.0
GR	1024.9	10190.0	1028.8	10242.7	1031.5	10511.4	1030.8	10529.2	1031.8	10852.8
GR	1031.5	11186.9	1031.2	11469.9	1029.9	11502.5	1033.6	11529.2	1030.8	11574.1
GR	1032.6	11593.6	1032.8	11633.6	1031.8	11741.6	1032.1	12052.9	1031.9	12143.8
GR	1033.1	12189.0	1032.2	12270.0	1034.0	12294.4	1033.7	12302.4	1035.9	12311.1
GR	1032.7	12324.8	1033.0	12336.2	1032.1	12339.7	1033.2	12358.8	1032.5	12368.3
GR	1033.5	12459.6	1032.7	12786.8	1033.0	12816.1	1031.0	12838.0	1029.8	12886.4
GR	1029.1	13009.0	1030.5	13032.1	1029.1	13093.4	1031.5	13117.5	1030.8	13156.5
GR	1031.7	13394.1	1030.1	13454.5	1033.3	13505.0	1032.6	13607.0	1031.6	13617.1
GR	1033.4	13747.1	1035.1	13760.6	1033.1	13767.5	1030.0	13826.1	1031.5	13872.6
GR	1032.1	14246.5	1031.4	14550.6	1032.1	14701.1	1037.2	14713.9	1037.3	14726.4
GR	1032.2	14735.7								

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ET   10.167     9.1     7.1                                  9390    10380     9380   11989.1
X1   10.167      96  9412.5  10272.2     575      400   512.35
GR   1042.3  6815.8  1043.6   6874.3  1036.4   6906.1   1037.1   6911.8  1036.0   6917.8
GR   1036.2  7129.0  1037.7   7194.5  1035.7   7205.8   1037.3   7277.2  1037.1   7420.3
GR   1039.4  7453.6  1037.1   7485.2  1038.7   7507.3   1037.7   7579.8  1038.3   7590.5
GR   1037.3  7594.2  1037.3   7713.7  1036.2   7723.0   1036.4   7888.6  1038.2   7925.2
GR   1037.1  7939.2  1035.1   8120.7  1036.1   8128.4   1036.5   8429.0  1035.2   8480.7
GR   1037.0  8786.9  1035.9   8921.4  1037.0   8943.4   1036.8   8974.4  1031.8   9018.5
GR   1039.2  9040.9  1034.5   9055.3  1033.7   9126.3   1036.7   9148.2  1033.3   9165.5
GR   1033.8  9220.1  1033.4   9233.3  1034.7   9240.3   1038.4   9252.7  1035.6   9256.7
GR   1033.3  9272.8  1033.5   9412.5  1030.1   9441.5   1028.9   9508.9  1029.9   9773.1
GR   1023.3 10025.7  1023.7  10040.0  1025.8  10051.5   1026.7  10190.6  1028.9  10206.1
GR   1028.6 10254.0  1031.0  10272.2  1033.1  10498.3   1032.9  10848.3  1033.0  11148.3
GR   1032.2 11453.2  1030.3  11467.7  1032.9  11483.3   1032.3  11523.7  1030.0  11546.4
GR   1034.0 11563.1  1032.4  11603.2  1032.6  11807.8   1033.8  11846.8  1032.4  11877.0
GR   1034.1 11898.4  1033.1  11953.6  1033.7  11977.0   1036.3  11989.1  1031.3  12008.1
GR   1033.4 12031.2  1033.2  12088.4  1031.7  12103.8   1033.5  12114.2  1032.3  12117.7
GR   1034.5 12198.3  1033.1  12499.2  1032.6  12530.4   1034.2  12592.6  1032.8  12620.5
GR   1032.5 12695.9  1030.5  12748.7  1033.1  12905.5   1030.4  13006.4  1032.1  13048.1
GR   1033.2 13355.8  1033.5  13581.8  1034.8  13585.3   1031.2  13629.7  1033.4  13936.1
GR   1032.9 14248.3  1033.1  14395.7  1037.8  14406.5   1038.1  14419.7  1033.2  14430.0
GR   1033.1 14443.1

     10.265     9.1     7.1                                  9620    10360     9550   11664.3
     10.265      93  9737.0  10270.5     515      400   512.41
GR   1042.7  6182.3  1039.6   6281.8  1038.1   6306.3   1036.8   6556.4  1037.5   6667.8
GR   1036.8  6706.5  1037.1   6812.6  1037.6   7060.0   1038.5   7106.8  1036.6   7215.8
GR   1038.3  7522.5  1038.4   7845.2  1038.6   8157.4   1038.7   8464.0  1038.9   8563.9
GR   1035.3  8585.1  1045.6   8610.3  1037.7   8630.1   1036.2   8844.9  1041.2   8863.0
GR   1036.6  8886.5  1034.8   8960.3  1036.3   9020.4   1035.0   9102.0  1040.8   9117.3
GR   1031.5  9140.9  1030.2   9155.5  1031.9   9162.8   1031.6   9222.5  1040.3   9238.9
GR   1029.8  9260.4  1031.5   9281.8  1033.6   9629.0   1032.9   9737.0  1029.3   9753.5
GR   1028.8  9974.1  1027.3  10026.3  1028.3  10034.3   1026.4  10062.5  1026.4  10099.9
GR   1027.7 10113.4  1028.4  10244.9  1033.7  10270.5   1034.4  10599.6  1034.5  10932.3
GR   1034.3 11132.3  1032.5  11177.2  1034.1  11188.2   1033.8  11204.8  1032.2  11212.9
GR   1033.8 11262.6  1032.0  11271.1  1031.4  11288.2   1033.8  11302.6  1034.3  11332.3
GR   1032.2 11360.1  1036.5  11412.3  1032.8  11426.5   1035.5  11438.9  1033.7  11626.1
GR   1032.6 11636.2  1033.5  11649.8  1037.9  11664.3   1034.0  11682.2  1033.1  11715.4
GR   1034.7 11734.5  1034.9  11782.3  1033.9  11820.3   1032.9  11824.8  1034.2  11844.0
GR   1033.6 12033.4  1035.5  12132.3  1035.3  12421.8   1032.0  12538.6  1034.3  12632.3
GR   1032.8 12671.6  1034.3  12782.3  1033.7  12800.6   1034.4  12842.0  1034.1  13173.7
GR   1034.0 13330.9  1035.1  13335.7  1032.6  13351.9   1033.2  13370.0  1031.9  13443.8
GR   1033.8 13482.3  1033.9  13832.3  1034.2  14077.4   1039.0  14088.5  1039.1  14101.2
GR   1034.5 14111.5  1033.9  14119.2  1034.4  14126.8
   GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-
   EFFECTIVE FLOW AREA BETWEEN SECTIONS 10.343 TO 10.538.

NC    .050     .050    .045
ET  10.343     9.1     7.1                                  9750    10340     9750   11416
```

X1	10.343	78	9782.1	10288.8	395	295	411.16			
GR	1043.6	5749.1	1044.2	5780.6	1038.7	5851.9	1039.0	6019.2	1039.2	6332.0
GR	1039.2	6402.4	1036.8	6515.4	1039.7	6852.7	1039.1	7156.0	1038.6	7398.1
GR	1040.0	7472.0	1039.8	7821.6	1039.2	8124.2	1040.1	8426.7	1038.4	8626.1
GR	1035.8	8870.7	1039.2	8882.3	1030.0	8906.1	1030.0	9429.5	1031.6	9432.5
GR	1033.6	9465.9	1034.3	9531.5	1031.4	9573.0	1031.9	9592.8	1036.7	9615.6
GR	1031.8	9659.5	1031.4	9770.7	1032.9	9782.1	1029.4	9854.5	1031.9	9869.3
GR	1029.4	9924.3	1030.7	10065.3	1026.7	10247.0	1035.2	10288.8	1036.1	10312.9
GR	1035.6	10620.5	1034.8	10841.9	1034.0	10847.5	1034.8	10947.5	1033.8	10988.6
GR	1034.1	11072.8	1033.2	11092.4	1035.7	11109.8	1035.9	11151.3	1037.1	11164.0
GR	1035.8	11184.6	1036.7	11198.0	1035.1	11214.8	1036.3	11231.4	1034.8	11244.9
GR	1035.6	11279.1	1034.4	11296.8	1035.7	11345.3	1033.4	11353.5	1033.1	11388.4
GR	1035.0	11390.4	1037.4	11416.6	1035.1	11427.0	1033.9	11612.9	1035.2	11918.3
GR	1033.7	12029.0	1035.4	12049.5	1035.0	12282.6	1033.3	12306.7	1034.1	12609.1
GR	1035.1	12942.0	1034.8	13067.5	1036.1	13073.7	1034.5	13086.5	1035.2	13108.0
GR	1033.0	13133.3	1032.5	13203.6	1034.5	13221.6	1035.3	13542.0	1036.5	13836.8
GR	1039.9	13845.1	1040.0	13859.8	1035.3	13871.1				
ET	10.442	9.1	7.1				9625	10380	9625.7	11448
X1	10.442	88	9625.8	10334.1	465	455	528.25			
GR	1042.3	5468.7	1039.3	5491.4	1039.3	5808.0	1039.1	6138.5	1040.6	6438.9
GR	1038.1	6739.3	1040.2	7039.7	1039.0	7351.4	1039.2	7534.1	1041.2	7607.2
GR	1040.7	7936.2	1039.3	8251.6	1037.5	8557.5	1036.0	8599.2	1031.3	8658.3
GR	1031.3	9546.2	1033.4	9549.4	1030.1	9585.6	1031.4	9602.2	1041.9	9625.8
GR	1030.1	9648.9	1030.9	9659.7	1033.8	9672.3	1032.7	9989.3	1029.4	10112.8
GR	1031.4	10126.5	1030.5	10160.2	1032.4	10184.0	1030.1	10296.8	1037.3	10334.1
GR	1035.8	10505.2	1037.3	10535.6	1035.3	10581.7	1035.3	10633.6	1036.6	10645.8
GR	1036.3	10732.6	1035.1	10793.1	1037.3	10814.5	1035.0	10837.9	1037.6	10872.9
GR	1038.3	10917.6	1036.7	10936.9	1038.1	10972.9	1036.9	11019.0	1034.1	11034.0
GR	1036.8	11062.7	1035.3	11067.5	1036.6	11137.8	1035.5	11163.7	1037.1	11174.2
GR	1035.4	11339.0	1037.2	11371.8	1037.7	11436.7	1041.0	11448.8	1036.4	11467.4
GR	1035.3	11500.2	1037.0	11540.9	1037.1	11590.4	1035.8	11597.9	1036.1	11610.8
GR	1037.8	11618.4	1034.4	11726.1	1034.9	11793.6	1037.8	11821.3	1037.6	12122.9
GR	1035.2	12185.5	1036.9	12206.0	1036.5	12285.4	1035.6	12292.7	1036.9	12300.0
GR	1036.6	12622.9	1035.7	12762.1	1037.4	12768.1	1035.7	12779.8	1033.0	12856.5
GR	1036.3	12972.9	1035.8	13036.9	1037.5	13058.2	1036.5	13073.0	1035.5	13073.1
GR	1037.0	13122.9	1036.5	13469.3	1037.5	13564.5	1041.7	13576.0	1042.0	13590.2
GR	1036.5	13599.8	1035.8	13604.8	1036.9	13629.1				
ET	10.538	9.1	7.1				9540	10480	9514.9	11058
X1	10.538	87	9573.5	10478.1	460	530	504.98			
GR	1044.3	5184.9	1041.9	5231.3	1040.7	5346.6	1042.0	5381.6	1039.6	5682.2
GR	1040.9	5982.8	1040.5	6283.3	1041.2	6595.7	1041.2	6884.5	1041.0	7201.5
GR	1041.2	7536.3	1043.3	7856.8	1042.5	7964.9	1043.8	7979.7	1040.8	8090.9
GR	1038.3	8289.3	1041.4	8383.5	1047.4	8433.6	1045.1	8442.7	1042.2	8474.3
GR	1036.6	8494.1	1039.0	8523.1	1039.3	8623.9	1039.5	8689.3	1037.5	8721.0
GR	1032.6	8730.1	1032.6	9358.6	1030.7	9369.0	1031.1	9393.1	1032.6	9397.3
GR	1034.7	9485.0	1044.0	9515.0	1032.4	9550.4	1035.0	9573.5	1032.3	9735.6
GR	1033.1	9803.1	1031.7	9852.9	1033.8	9961.2	1034.1	10074.0	1033.2	10146.3
GR	1034.8	10204.0	1032.3	10314.7	1031.2	10415.1	1033.6	10426.6	1035.0	10466.3
GR	1037.9	10478.1	1037.0	10517.7	1038.0	10546.0	1036.8	10585.9	1037.3	10707.3
GR	1038.3	10796.1	1039.2	10804.0	1036.6	10849.8	1038.0	10898.1	1036.0	10910.1
GR	1037.4	10922.0	1039.0	11058.2	1038.2	11357.2	1035.9	11378.0	1036.5	11469.0
GR	1035.7	11506.5	1038.3	11558.5	1039.7	11652.5	1041.5	11661.6	1037.8	11677.8

GR	1039.3	11777.4	1037.9	11782.6	1039.3	11801.3	1038.9	11978.3	1036.8	12039.8
GR	1038.1	12076.2	1037.0	12092.7	1038.3	12115.4	1037.3	12121.4	1037.7	12452.6
GR	1037.2	12566.3	1038.0	12577.1	1035.0	12729.0	1036.0	12746.9	1034.0	12773.6
GR	1038.3	12884.7	1038.0	13202.7	1037.9	13388.3	1042.7	13400.0	1042.9	13414.2
GR	1037.2	13424.5	1036.8	13435.8						
ET	10.632	9.1	7.1				9445	10430	9414.6	10612
X1	10.632	93	9514.2	10402.3	465	510	496.32			
GR	1046.8	5031.2	1045.8	5041.9	1042.1	5047.3	1042.5	5093.6	1040.7	5097.4
GR	1042.5	5105.0	1040.6	5110.0	1042.7	5115.6	1041.7	5120.1	1041.7	5209.0
GR	1042.3	5457.6	1043.4	5501.6	1042.3	5511.0	1043.6	5531.9	1040.3	5657.9
GR	1040.5	5944.9	1042.7	5990.0	1041.4	6002.2	1041.9	6105.6	1042.7	6429.0
GR	1042.2	6737.6	1042.6	7050.6	1041.3	7216.0	1042.6	7264.7	1042.7	7569.7
GR	1043.8	7806.3	1045.2	7817.4	1043.9	7823.8	1044.8	7832.2	1048.8	7843.2
GR	1043.5	7855.8	1043.5	7939.2	1048.8	7950.5	1042.5	7969.8	1041.2	8065.8
GR	1039.1	8072.3	1039.6	8095.7	1041.0	8104.0	1039.8	8110.2	1041.5	8125.3
GR	1046.3	8144.4	1041.9	8162.5	1040.1	8176.7	1040.1	8542.6	1039.3	8861.3
GR	1039.3	9170.4	1037.8	9231.7	1037.9	9336.4	1039.2	9401.4	1043.6	9414.6
GR	1035.7	9434.4	1038.8	9458.6	1038.2	9514.2	1035.9	9556.1	1033.6	9757.4
GR	1031.7	9772.8	1034.0	9794.5	1032.7	9807.2	1032.7	9834.7	1035.3	9842.4
GR	1033.9	9851.1	1033.8	10153.8	1032.5	10365.3	1039.3	10402.3	1038.2	10435.4
GR	1040.4	10612.0	1038.4	10623.9	1039.7	10692.8	1038.7	10702.4	1037.7	11007.7
GR	1038.7	11174.1	1040.1	11393.3	1039.4	11407.7	1040.4	11432.1	1038.8	11710.8
GR	1040.3	11817.9	1038.8	11830.9	1040.0	11845.8	1038.7	11915.1	1039.5	11934.4
	1038.0	11937.1	1037.5	12006.1	1040.9	12036.8	1037.7	12074.0	1039.5	12082.6
	1037.7	12107.3	1037.5	12422.8	1036.6	12552.9	1038.5	12570.3	1036.4	12831.5
GR	1038.9	12957.9	1039.0	13257.9	1040.0	13273.6				
ET	10.752	9.1	7.1				9480	10329.9	9335	10329.9
X1	10.752	90	9651.8	10329.8	605	630	628.61			
GR	1048.3	4553.6	1042.4	4584.0	1043.1	4589.6	1041.1	4596.6	1043.2	4602.7
GR	1041.0	4611.6	1043.0	4932.6	1042.0	4953.3	1043.8	5038.2	1043.0	5364.3
GR	1043.0	5568.7	1040.6	5581.1	1040.8	5666.5	1043.3	5817.5	1042.3	6064.3
GR	1043.7	6114.4	1041.7	6202.8	1041.3	6326.6	1043.9	6339.8	1043.0	6471.4
GR	1044.3	6633.7	1043.6	6950.9	1044.4	7078.8	1042.6	7100.9	1044.6	7164.5
GR	1043.0	7246.6	1044.8	7272.1	1043.2	7333.1	1043.6	7635.3	1048.5	7656.2
GR	1044.1	7668.1	1044.0	7762.8	1047.4	7775.5	1044.2	7789.3	1041.2	8106.8
GR	1041.3	8424.9	1040.7	8502.3	1042.7	8522.6	1040.8	8716.0	1042.7	8801.5
GR	1040.7	8984.9	1041.3	9206.3	1038.2	9231.8	1038.2	9254.6	1042.6	9273.2
GR	1042.7	9292.9	1045.3	9295.8	1047.0	9301.0	1044.9	9309.8	1046.2	9321.9
GR	1038.5	9341.6	1038.6	9354.0	1040.3	9360.6	1041.0	9651.8	1038.4	9739.9
GR	1037.1	9743.8	1031.3	9930.8	1036.5	10237.9	1033.2	10271.5	1033.7	10296.1
GR	1042.8	10329.8	1040.5	10347.4	1042.1	10360.7	1041.9	10521.1	1041.1	10809.6
GR	1039.3	10813.4	1041.9	10829.9	1040.2	10882.0	1041.2	10904.0	1039.9	10912.1
GR	1040.7	11232.0	1041.0	11281.3	1039.6	11292.4	1041.3	11304.8	1041.8	11416.8
GR	1040.6	11424.2	1041.6	11431.8	1039.4	11582.0	1040.9	11706.0	1039.1	11724.7
GR	1041.6	11812.4	1038.4	11831.6	1041.1	11983.8	1038.8	12046.3	1040.4	12097.7
GR	1036.6	12134.1	1036.8	12148.4	1041.2	12171.6	1039.9	12482.5	1042.7	12661.3

ET	10.846	9.1	7.1				9580	10310	8855	10402.4
X1	10.846	96	9756.4	10308.2	510	480	500.68			
GR	1050.7	4212.6	1049.2	4237.7	1047.3	4242.4	1049.3	4249.8	1047.8	4255.9
GR	1046.7	4455.3	1042.9	4484.7	1043.7	4812.2	1043.8	5129.0	1043.8	5433.6
GR	1044.1	5530.4	1046.4	5558.5	1041.5	5602.2	1045.1	5927.4	1044.9	6130.9
GR	1043.3	6192.7	1044.4	6233.7	1043.6	6291.3	1045.2	6592.3	1045.2	6865.7
GR	1043.5	6881.1	1046.0	6943.5	1044.7	7051.7	1046.2	7081.4	1044.9	7091.1
GR	1046.9	7101.3	1043.9	7119.5	1046.3	7147.0	1045.8	7462.6	1049.2	7474.5
GR	1044.0	7487.9	1046.2	7572.9	1048.6	7583.4	1046.3	7599.4	1045.6	7653.5
GR	1043.4	7674.3	1043.0	7985.4	1041.5	8301.1	1042.5	8319.7	1042.0	8459.6
GR	1043.9	8485.0	1042.8	8530.2	1044.1	8547.8	1044.3	8770.3	1042.4	8787.3
GR	1042.1	8963.4	1043.0	9125.3	1041.7	9155.7	1042.6	9496.4	1041.8	9621.3
GR	1040.7	9636.3	1039.3	9713.9	1039.0	9756.4	1034.8	9829.0	1033.3	9916.9
GR	1031.6	9937.5	1035.3	10030.4	1037.4	10223.5	1033.7	10237.0	1033.6	10267.9
GR	1038.8	10283.4	1042.9	10308.2	1040.5	10341.8	1042.0	10384.0	1041.2	10394.2
GR	1044.4	10402.4	1042.7	10409.7	1044.3	10419.7	1042.4	10496.4	1043.7	10522.5
GR	1042.7	10830.5	1043.1	10840.5	1040.9	10848.8	1040.5	10856.7	1043.7	10865.5
GR	1042.8	10994.0	1040.8	11003.6	1043.6	11155.2	1042.4	11164.5	1042.9	11173.3
GR	1041.7	11176.7	1043.5	11316.2	1042.3	11568.9	1041.2	11574.0	1044.0	11627.0
GR	1040.0	11674.8	1040.2	11730.9	1042.9	11769.5	1041.4	11804.3	1038.8	11820.9
GR	1038.2	11875.5	1043.1	11899.9	1042.7	11965.1	1043.9	11981.0	1041.9	12286.9
GR	1042.2	12373.3								
NC	.050	.095	.045							
ET	10.942	9.1	7.1				9570	10380	9130	10627.0
X1	10.942	91	9702.2	10379.3	550	450	503.71			
GR	1052.3	3826.4	1050.3	3960.5	1048.7	3967.0	1050.2	3973.5	1048.5	3980.7
GR	1046.4	4046.8	1046.4	4151.1	1043.3	4229.4	1044.1	4240.3	1043.2	4260.4
GR	1045.0	4531.5	1044.1	4538.0	1045.0	4547.0	1044.9	4671.0	1044.1	4684.2
GR	1044.6	5010.4	1045.0	5327.2	1045.4	5610.0	1044.0	5620.6	1046.3	5737.2
GR	1045.4	5745.2	1046.2	5798.0	1046.3	5863.7	1043.5	5912.2	1045.4	5960.4
GR	1046.4	6260.4	1046.5	6571.7	1046.5	6689.7	1046.1	6730.0	1047.0	7060.2
GR	1045.8	7082.5	1047.8	7106.2	1048.1	7179.4	1051.0	7188.8	1044.5	7204.9
GR	1045.7	7254.5	1043.6	7268.0	1043.8	7279.1	1049.6	7293.2	1045.8	7309.2
GR	1046.6	7563.9	1045.2	7577.5	1043.6	7883.5	1044.7	7918.3	1044.4	8229.5
GR	1044.1	8575.6	1044.7	8890.0	1043.1	9209.9	1042.3	9382.9	1043.9	9498.3
GR	1042.4	9677.7	1041.0	9702.2	1035.9	9761.5	1034.7	9844.3	1034.7	9923.2
GR	1034.2	9954.0	1035.9	9976.0	1035.1	10025.1	1036.7	10054.1	1036.4	10325.4
GR	1037.7	10363.9	1042.1	10379.3	1043.7	10410.0	1043.3	10420.7	1041.8	10428.8
GR	1040.4	10467.9	1042.6	10485.6	1041.0	10497.1	1044.6	10517.2	1043.7	10540.5
GR	1045.4	10579.6	1050.9	10627.0	1048.5	10654.8	1043.9	10682.4	1042.7	10704.1
GR	1044.1	10733.7	1042.9	10750.3	1044.5	10762.4	1043.7	10764.7	1045.2	11086.1
GR	1044.4	11404.6	1042.9	11456.7	1040.2	11513.6	1042.3	11587.1	1045.5	11610.8
GR	1045.0	11943.7	1045.5	12062.2	1044.0	12068.7	1045.5	12072.7	1045.0	12185.7
GR	1045.7	12219.8								
ET	11.029	9.1	7.1				9480	10410	9240	10467.9
X1	11.029	95	9513.1	10404.2	485	415	459.59			
GR	1055.5	3356.7	1053.0	3607.3	1053.9	3617.6	1051.2	3623.8	1050.3	3635.8
GR	1051.3	3641.5	1049.4	3661.8	1047.1	3741.2	1046.4	3861.8	1044.0	3889.2
GR	1045.3	3899.9	1045.1	4187.0	1046.2	4194.5	1045.9	4514.8	1044.5	4858.6
GR	1044.0	4890.1	1046.3	5011.7	1046.5	5170.4	1047.9	5180.1	1045.6	5308.8
GR	1047.0	5332.6	1047.1	5634.9	1048.1	5911.6	1047.2	5921.0	1048.0	6085.4

GR	1047.2	6101.4	1049.2	6153.3	1050.8	6165.5	1048.2	6173.3	1048.1	6334.7
GR	1049.8	6357.8	1048.8	6434.9	1048.0	6707.0	1046.9	6725.3	1048.8	6762.4
GR	1048.9	6825.3	1053.4	6836.7	1045.6	6854.7	1045.3	6863.6	1047.4	6874.8
GR	1047.9	6903.9	1046.3	6930.1	1053.0	6943.7	1046.6	6962.1	1047.4	7135.8
GR	1046.0	7161.8	1045.7	7357.5	1047.9	7387.4	1048.1	7711.8	1048.2	7900.9
GR	1046.2	7927.7	1046.5	8279.3	1045.2	8637.4	1043.4	8986.4	1044.2	9100.0
GR	1042.4	9115.1	1042.9	9152.3	1045.8	9188.3	1046.5	9353.7	1045.1	9513.1
GR	1041.5	9524.5	1042.0	9546.7	1040.2	9557.3	1039.7	9592.4	1035.5	9671.5
GR	1036.6	9715.5	1034.7	9802.0	1036.2	9811.0	1040.6	9884.3	1037.7	10099.7
GR	1039.2	10225.5	1036.1	10263.7	1036.1	10322.4	1037.2	10344.9	1036.4	10379.6
GR	1042.3	10404.2	1042.2	10423.3	1043.5	10450.3	1046.4	10467.9	1046.3	10864.9
GR	1044.9	10971.0	1042.5	11028.3	1043.2	11075.1	1041.2	11108.6	1042.3	11164.9
GR	1045.9	11215.0	1045.1	11460.7	1046.9	11477.3	1046.5	11492.9	1043.5	11499.2
GR	1045.7	11513.6	1047.7	11765.0	1046.2	11797.1	1047.8	11809.8	1048.6	11874.4
ET	11.128	9.1	7.1				9430	10325	9340	10398.5
X1	11.128	96	9514.9	10324.6	535	500	525.10			
GR	1058.1	2987.5	1053.9	3300.9	1054.1	3315.4	1051.7	3320.5	1053.8	3326.9
GR	1051.6	3333.3	1052.7	3340.5	1050.7	3413.9	1052.7	3511.0	1049.4	3544.7
GR	1046.5	3566.1	1045.6	3866.8	1045.1	3875.1	1046.0	3882.5	1046.6	4192.4
GR	1046.6	4238.5	1047.7	4249.7	1046.1	4556.7	1046.9	4864.0	1045.8	4911.8
GR	1047.6	4923.3	1048.6	5257.1	1048.8	5603.3	1049.5	5656.9	1047.3	5666.3
GR	1048.8	5702.3	1049.0	5873.8	1048.4	6192.8	1049.6	6282.8	1047.2	6410.0
GR	1049.3	6450.8	1049.0	6517.7	1052.6	6527.2	1047.1	6543.5	1047.2	6555.0
	1048.6	6562.5	1046.6	6630.6	1052.1	6643.0	1048.7	6653.1	1048.0	6773.5
	1046.3	6801.4	1046.1	6914.0	1048.1	6939.2	1049.3	7253.0	1047.5	7449.3
GR	1048.2	7551.5	1049.6	7583.8	1048.9	7627.3	1047.2	7650.6	1047.4	7816.2
GR	1045.9	7833.2	1047.9	7852.1	1047.7	7987.6	1046.6	8003.0	1046.6	8329.6
GR	1047.8	8488.2	1049.5	8543.1	1048.5	8605.4	1054.6	8639.5	1044.8	8781.1
GR	1045.9	8943.7	1036.7	9002.5	1035.4	9176.4	1037.5	9194.4	1039.0	9341.0
GR	1037.9	9366.1	1039.6	9388.2	1038.7	9514.9	1036.6	9640.2	1038.1	9648.6
GR	1041.4	9774.2	1040.3	9997.2	1039.1	10004.7	1040.2	10141.7	1036.1	10257.7
GR	1036.1	10288.2	1045.4	10324.6	1043.8	10366.9	1047.6	10398.5	1045.7	10485.5
GR	1047.0	10509.1	1045.9	10551.3	1046.9	10611.5	1045.3	10635.0	1046.9	10656.1
GR	1044.6	10691.5	1046.9	10751.8	1044.4	10803.0	1042.5	10816.1	1041.9	10838.3
GR	1045.8	10867.0	1048.0	10921.0	1044.7	10938.2	1047.5	10950.9	1047.8	11251.8
GR	1049.3	11369.3								
ET	11.224	9.1	7.1				9450	10262	9450	10350
X1	11.224	95	9640.3	10261.5	470	535	506.70			
GR	1060.8	2692.0	1056.0	3019.2	1055.4	3106.4	1053.7	3112.1	1055.3	3118.4
GR	1053.2	3124.8	1054.7	3130.6	1051.5	3165.1	1053.2	3174.1	1051.9	3215.8
GR	1049.9	3225.7	1052.4	3266.2	1050.3	3319.2	1046.8	3362.6	1046.4	3670.4
GR	1047.1	3997.9	1046.2	4305.0	1047.5	4606.3	1047.8	4919.2	1048.2	5184.4
GR	1049.3	5217.7	1049.3	5519.2	1049.8	5869.2	1049.8	5894.0	1048.7	5905.6
GR	1048.8	6214.8	1050.0	6285.3	1053.7	6297.6	1047.1	6309.6	1047.2	6318.9
GR	1049.1	6332.2	1047.3	6383.2	1053.6	6401.5	1048.6	6410.2	1048.7	6440.0
GR	1046.6	6470.6	1049.1	6786.0	1049.1	7119.2	1049.3	7341.5	1047.6	7419.2
GR	1047.4	7570.6	1046.4	7595.9	1048.0	7619.2	1047.8	7769.2	1047.3	8070.7
	1048.6	8259.3	1049.8	8274.5	1048.6	8323.4	1049.0	8418.7	1046.9	8528.8
	1052.9	8561.7	1051.9	8639.0	1054.1	8693.1	1050.7	8752.3	1050.6	8925.6
GR	1051.7	8942.0	1050.2	8948.9	1049.5	9025.4	1052.2	9042.1	1055.6	9080.7
GR	1048.0	9156.3	1047.4	9184.6	1042.4	9204.3	1041.6	9239.4	1039.4	9262.4
GR	1039.2	9336.2	1044.1	9369.2	1044.4	9399.3	1039.8	9448.0	1041.9	9640.3

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GR   1039.9    9647.7    1040.6    9914.7    1038.1    9995.2    1040.5   10023.3    1038.2   10193.6
GR   1043.7   10223.3    1046.5   10261.5    1046.1   10288.9    1043.4   10299.8    1047.1   10313.3
GR   1046.9   10321.7    1049.8   10363.4    1048.2   10384.7    1047.9   10504.3    1049.5   10519.6
GR   1046.1   10548.4    1048.0   10557.0    1046.7   10588.4    1049.3   10888.7    1050.3   10989.4
GR   1052.1   11009.1    1050.7   11019.7    1052.4   11029.1    1052.4   11049.8    1054.6   11070.1

ET   11.325       9.1       7.1                                   9570      10190       9570   10784.1
X1   11.325        91    9747.7   10184.4     480       575   531.86
GR   1046.2    3382.4    1046.3    3427.5    1047.6    3443.2    1049.4    3580.9    1048.0    3686.9
GR   1049.8    3896.3    1048.7    3939.9    1047.6    4223.7    1048.9    4261.9    1048.7    4528.3
GR   1050.2    4565.0    1048.5    4580.7    1050.0    4592.5    1048.6    4635.5    1048.7    4735.7
GR   1049.4    4740.1    1048.8    4786.1    1049.4    4794.7    1048.5    4935.7    1051.1    4944.0
GR   1051.2    4966.3    1049.5    4985.7    1051.5    5003.3    1050.0    5035.8    1049.6    5180.5
GR   1052.1    5256.7    1050.0    5305.7    1051.1    5559.6    1051.7    5570.0    1051.0    5580.3
GR   1051.9    5597.8    1050.3    5859.9    1051.1    5939.1    1049.6    6109.4    1048.4    6153.2
GR   1051.2    6164.7    1051.8    6171.7    1050.0    6177.8    1050.7    6219.4    1048.4    6285.1
GR   1048.8    6595.0    1049.3    6945.5    1048.6    7249.3    1048.7    7555.9    1050.3    7609.3
GR   1048.1    7658.2    1048.7    7891.4    1046.9    8023.9    1048.4    8080.3    1049.5    8360.8
GR   1048.2    8479.4    1049.2    8804.9    1049.5    8987.3    1056.8    9018.8    1057.1    9060.6
GR   1055.8    9070.6    1049.0    9095.7    1049.7    9201.7    1054.3    9260.0    1052.4    9346.1
GR   1044.1    9384.8    1042.5    9397.0    1042.1    9410.5    1042.7    9434.8    1041.1    9480.2
GR   1041.2    9525.0    1044.7    9585.3    1049.1    9602.1    1050.2    9655.1    1047.0    9656.1
GR   1046.8    9721.8    1048.2    9747.7    1046.3    9779.5    1044.9    9840.6    1039.8    9874.3
GR   1040.9    9908.3    1039.4    9961.9    1040.9    9979.3    1040.0   10148.4    1046.2   10184.4
GR   1044.4   10195.6    1047.6   10208.0    1047.3   10223.3    1050.6   10292.9    1050.7   10476.2
GR   1049.9   10483.4    1051.0   10496.2    1052.4   10732.5    1053.4   10761.6    1052.3   10771.6
GR   1053.2   10784.1

NC                                    0.3       0.5
ET   11.410      9.11      9.11                                                        9640   10253.1
          ****************************
          ***** GLENDALE ROAD *********
          ***** LOW CHORD = 1057.5 ****
          ****************************
X1   11.410        95    9641.6   10214.3     330       580   451.31
GR   1053.6    6114.3    1053.3    6169.3    1053.7    6283.1    1053.9    6430.8    1054.3    6602.3
GR   1054.5    6763.6    1054.3    6956.7    1054.3    6972.7    1054.1    6984.5    1054.3    7000.9
GR   1054.1    7159.0    1053.9    7194.6    1053.8    7365.0    1053.6    7533.4    1053.6    7687.3
GR   1053.7    7841.3    1053.5    7856.8    1053.8    7871.7    1053.7    7899.7    1053.9    8024.7
GR   1053.7    8041.0    1054.2    8077.1    1054.3    8302.3    1054.1    8348.6    1054.3    8422.4
GR   1054.8    8478.0    1055.0    8639.5    1055.0    8682.0    1054.8    8703.8    1055.4    8855.5
GR   1055.4    8859.8    1055.9    8874.6    1055.8    8882.4    1056.3    8896.5    1056.9    8898.2
GR   1057.3    8904.0    1056.4    8911.3    1056.6    8966.5    1055.0    8977.0    1055.1    8992.0
GR   1056.6    9087.2    1056.4    9099.5    1057.5    9199.7    1057.5    9226.1    1057.3    9233.4
GR   1057.2    9281.4    1058.7    9552.5    1058.7    9568.7    1059.0    9584.6    1058.8    9600.2
GR   1059.4    9621.1    1059.3    9624.0    1057.2    9638.1    1056.6    9639.4    1056.6    9641.6
GR   1053.6    9646.1    1050.0    9654.8    1048.5    9658.8      1048    9683.9      1048    9723.6
GR     1048    9730.8      1048    9740.1      1048    9761.7      1048    9806.1    1047.5    9830.0
GR   1043.3    9845.7    1043.1    9858.1    1043.2    9872.0    1042.7    9889.1    1043.3    9892.2
GR   1043.2    9901.8    1043.6    9914.4    1042.1    9939.5    1042.4    9944.2    1042.2    9955.6
GR   1042.3    9968.4    1043.2    9979.9    1042.2   10055.1    1042.3   10088.0    1042.0   10124.7
GR   1041.8   10201.1    1045.5   10214.3    1047.7   10218.9    1049.4   10222.1    1050.8   10225.9
GR   1054.0   10233.1    1055.9   10238.4    1058.2   10241.9    1059.5   10246.5    1059.1   10249.7
GR   1059.6   10251.0    1060.1   10254.6    1060.6   10283.0    1060.6   10294.1    1060.8   10298.7
```

ET	11.428	9.11	9.11						9600	10253.1
SB	1.05	1.56	2.70	0	535	15	7069	1.5	1044.4	1044.4
X1	11.428	94	9814.2	10227.2	145	145	145			
X2	0	0	1	1057.5	1065.4	0	0	1.33	0	0
BT	21	6000	1054.7		6226	1055		6414	1054.9	
BT	6745	1054.9		6897	1054.7		7069	1054.3		7223
BT	1053.8		7393	1053.9		7565	1054.1		7735	1054.4
BT		7891	1054.9		8178	1055.4		8265	1055.4	
BT	8423	1055.7		8601	1055.8		8771	1056.6		8941
BT	1059.1		9600.9	1062.7	1062.7	9601	1065.4	1057.5	10200.	1065.4
BT	1057.5	10201.0	1062.7	1062.7						
GR	1053.9	6112.3	1053.8	6146.3	1053.1	6190.4	1052.6	6205.4	1053.1	6261.9
GR	1053.5	6420.4	1054.0	6584.1	1053.8	6696.9	1054.0	6739.9	1054.9	6743.7
GR	1055.7	6751.3	1056.1	6785.1	1054.7	6802.7	1053.8	6851.1	1053.3	6955.0
GR	1053.6	7084.9	1053.3	7307.9	1053.3	7364.2	1053.8	7369.9	1054.2	7435.4
GR	1053.4	7516.6	1052.9	7610.6	1054.4	7621.3	1056.7	7630.6	1057.7	7643.1
GR	1053.8	7652.2	1052.9	7716.2	1052.6	7792.8	1052.9	7815.9	1052.3	7822.9
GR	1054.1	7846.5	1054.2	7872.5	1053.6	7883.0	1053.0	7921.1	1053.9	8007.5
GR	1054.0	8166.3	1053.7	8198.4	1054.1	8224.5	1053.9	8254.5	1053.9	8299.6
GR	1053.6	8314.2	1054.1	8483.6	1053.9	8536.8	1054.7	8651.9	1055.0	8808.0
GR	1055.4	8840.7	1055.5	8882.6	1056.2	8968.2	1056.1	8995.0	1056.7	9025.9
GR	1057.0	9076.1	1055.8	9081.4	1057.8	9120.0	1059.0	9222.0	1057.1	9241.3
GR	1058.6	9270.3	1059.7	9320.2	1058.2	9361.0	1060.2	9374.9	1061.5	9379.8
	1062.2	9431.7	1058.7	9446.3	1058.1	9460.4	1061.1	9473.0	1060.3	9587.0
	1058.2	9587.8	1058.3	9604.0	1058.6	9607.0	1056.6	9613.1	1053.6	9620.2
GR	1051.9	9625.0	1050	9632.2	1050	9640.6	1050	9714.2	1050	9725.0
GR	1050	9750.0	1050	9763.8	1050	9786.9	1050	9794.8	1049.8	9814.2
GR	1048.4	9820.3	1045.1	9831.8	1044.5	9880.4	1044.2	9937.0	1043.7	9966.4
GR	1042.2	9986.0	1042.6	10059.1	1041.8	10166.5	1050.7	10188.8	1056.7	10205.7
GR	1057.7	10207.0	1059.3	10210.4	1060.1	10227.2	1060.7	10253.1		

GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-
EFFECTIVE FLOW AREA BETWEEN SECTIONS 11.460 TO 12.529.

NC	0.15	0.055	0.035							
QT	2	34500	34500							
ET	11.460	9.1	7.1				9530	10194	9515	10610
X1	11.460	96	9829.2	10193.7	165	165	166.83			
GR	1048.7	3331.8	1050.6	3427.5	1051.5	3449.8	1050.7	3451.6	1051.4	3457.3
GR	1047.5	3475.5	1047.8	3787.8	1047.7	4087.8	1047.7	4400.0	1049.2	4727.8
GR	1049.3	5045.8	1050.7	5387.8	1049.6	5687.8	1048.7	5737.8	1049.1	5784.3
GR	1055.8	5826.6	1054.9	5953.7	1053.2	5972.8	1050.3	5989.9	1051.3	6007.3
GR	1046.1	6051.2	1047.7	6088.8	1051.6	6106.6	1051.2	6115.8	1045.9	6133.4
GR	1043.8	6185.1	1044.8	6204.8	1050.4	6231.6	1051.0	6251.9	1049.7	6263.2
GR	1048.8	6341.8	1047.7	6356.9	1049.7	6370.8	1050.8	6685.0	1049.9	6906.9
GR	1046.6	6933.3	1046.5	6941.5	1051.7	6976.3	1052.4	6995.7	1051.5	7009.8
GR	1049.3	7016.2	1048.9	7336.7	1051.1	7392.1	1051.6	7434.1	1053.8	7444.7
GR	1050.7	7460.5	1048.7	7594.5	1050.3	7926.5	1050.9	8005.2	1052.8	8015.8
GR	1050.0	8025.2	1049.3	8297.7	1050.3	8351.7	1049.9	8387.9	1051.5	8439.7
GR	1050.6	8526.3	1049.4	8558.8	1051.0	8584.4	1049.5	8886.8	1049.2	9051.9
	1038.5	9080.3	1032.5	9093.3	1027.2	9157.5	1027.6	9186.2	1041.9	9228.5
GR	1043.4	9238.8	1048.0	9247.9	1052.5	9272.9	1049.3	9280.5	1046.6	9300.4
GR	1045.4	9360.4	1061.5	9405.4	1061.0	9439.8	1046.6	9474.4	1047.1	9491.2
GR	1051.8	9501.9	1054.1	9509.6	1054.5	9517.3	1050.9	9533.8	1050	9543.0

GR	1050	9569.7	1050	9687.9	1050	9811.5	1052.0	9829.2	1045.8	9844.2
GR	1043.8	9975.9	1042.4	9999.1	1042.2	10044.5	1044.8	10061.6	1043.3	10146.0
GR	1041.3	10161.4	1046.8	10193.7	1048.9	10197.1	1053.1	10216.9	1054.2	10228.7
GR	1058	10610								
ET	11.557	9.1	7.1				9200	10101	8970	10122.1
X1	11.557	95	9881.6	10100.9	510	510	510.85			
GR	1049.8	5996.1	1049.4	6005.2	1050.0	6052.1	1051.1	6070.8	1057.1	6085.5
GR	1049.3	6107.5	1050.7	6151.4	1051.3	6203.3	1051.5	6352.2	1051.1	6402.8
GR	1051.2	6502.5	1050.4	6552.2	1051.6	6710.5	1051.5	6753.3	1050.9	6760.4
GR	1051.5	6802.2	1051.7	6971.8	1049.9	6995.6	1050.4	7260.8	1050.8	7302.2
GR	1050.1	7352.2	1050.0	7472.8	1049.1	7482.4	1049.0	7502.2	1050.4	7591.0
GR	1051.9	7595.5	1052.2	7607.9	1050.4	7618.5	1050.2	7664.5	1051.2	7715.0
GR	1051.2	7802.2	1052.4	7855.1	1052.8	7902.2	1052.2	7957.7	1051.8	7962.9
GR	1052.4	7973.1	1056.4	7982.2	1023.7	8030.9	1023.9	8118.8	1022.8	8202.2
GR	1026.1	8452.2	1026.3	8492.9	1038.0	8514.0	1041.3	8520.6	1044.5	8525.6
GR	1051.8	8540.7	1051.9	8602.3	1052.7	8617.6	1046.2	8630.3	1036.0	8651.4
GR	1035.2	8702.3	1037.2	8852.3	1037.2	8928.2	1050	8970.0	1050	9126.4
GR	1050	9259.7	1050	9271.6	1050	9282.5	1050	9301.2	1050	9317.2
GR	1050	9332.6	1050	9347.1	1050	9367.0	1050	9390.9	1050	9410.4
GR	1050	9433.5	1050	9440.9	1050	9463.7	1050	9490.9	1050	9521.8
GR	1050	9550.3	1050	9585.2	1050	9602.3	1050	9632.9	1050	9701.6
GR	1050	9717.3	1050	9742.1	1050	9774.0	1050	9782.9	1050	9799.3
GR	1050	9845.0	1050	9865.4	1050	9872.3	1051.2	9881.6	1044.5	9900.1
GR	1043.9	9927.3	1042.7	9944.6	1041.8	9978.7	1041.7	9995.0	1045.5	10011.0
GR	1042.9	10052.3	1043.4	10070.4	1058.9	10100.9	1062.0	10119.6	1062.0	10122.1
ET	11.653	9.1	7.1				8800	10123	8420	10245
X1	11.653	96	9908.3	10122.7	510	510	508.97			
GR	1050.9	5993.5	1051.1	6010.5	1053.5	6039.1	1058.4	6055.9	1052.5	6069.4
GR	1022.3	6097.8	1022.1	6350.9	1023.6	6352.3	1033.6	6376.4	1032.4	6378.9
GR	1032.6	6382.9	1054.0	6400.7	1053.2	6577.2	1052.3	6627.2	1052.3	6827.2
GR	1052.2	6888.9	1051.0	6940.7	1050.8	6971.3	1049.6	6985.6	1047.6	6998.8
GR	1050.6	7039.3	1050.4	7077.2	1051.4	7127.2	1050.5	7209.1	1051.7	7298.5
GR	1051.3	7377.2	1052.1	7435.2	1053.8	7445.0	1051.2	7455.8	1051.2	7577.2
GR	1052.0	7627.2	1052.2	7677.2	1052.7	7687.9	1052.4	7725.2	1054.8	7781.2
GR	1055.7	7827.2	1054.5	7850.9	1054.3	7877.2	1052.7	7927.2	1054.6	7946.9
GR	1058.1	7959.7	1031.6	7987.9	1029.5	7990.7	1026.0	7993.9	1025.1	8027.2
GR	1052	8153.5	1052	8439.3	1052	8472.1	1052	8496.3	1052	8500.9
GR	1052	8598.9	1055.4	8610.0	1052	8621.6	1052	8640.8	1052	8677.2
GR	1052	8745.8	1052	8840.7	1052	8944.1	1052	9077.3	1052	9177.3
GR	1052	9222.7	1052	9274.2	1052	9287.7	1052	9302.9	1052	9317.3
GR	1052	9325.1	1052	9329.2	1052	9377.3	1052	9427.3	1052	9528.9
GR	1052	9547.5	1054.8	9572.1	1055.4	9582.0	1052.0	9595.0	1053.8	9659.3
GR	1055.3	9666.5	1055.7	9684.0	1052.7	9700.4	1053.0	9705.9	1052.7	9710.0
GR	1054.4	9733.4	1058.7	9766.6	1058.0	9772.8	1055.8	9782.8	1052	9827.2
GR	1052	9835.0	1054.4	9856.8	1052.8	9871.3	1053.5	9894.6	1057.3	9908.3
GR	1052.0	9920.3	1047.5	9935.0	1043.1	9959.2	1044.7	10077.3	1058.0	10122.7
GR	1062	10245								

ET	11.750	9.1	7.1				8400	10170	7870	10170
X1	11.750	95	9901.0	10107.0	510	510	510.54			
GR	1054.1	5963.9	1054.4	5986.6	1060.3	6008.2	1054.5	6034.3	1052.8	6039.1
GR	1021.9	6080.6	1022.3	6298.0	1025.0	6532.5	1024.0	6582.5	1026.6	6701.8
GR	1026.1	6802.8	1027.0	6853.3	1026.7	6983.6	1053.0	7017.3	1053.8	7044.6
GR	1052.9	7107.3	1051.1	7134.3	1051.9	7163.2	1057.9	7178.1	1055.1	7186.3
GR	1052.8	7191.0	1052.9	7410.4	1053.8	7416.5	1051.7	7424.7	1052.6	7521.1
GR	1053.7	7532.5	1058.8	7555.5	1058.0	7588.7	1056.0	7592.3	1053.9	7692.3
GR	1055.8	7827.0	1058.1	7846.8	1057.9	7885.5	1054	7899.1	1055.2	7905.7
GR	1057.9	7913.3	1054	7949.4	1054	8013.4	1054	8049.1	1054	8069.1
GR	1054	8129.0	1054	8149.2	1054	8159.4	1059.4	8188.5	1059.3	8223.3
GR	1057.1	8231.3	1059.7	8243.2	1058.0	8279.5	1058.8	8291.3	1058.7	8301.5
GR	1058.0	8304.4	1057.0	8339.5	1056.9	8382.6	1056.0	8432.6	1056.1	8464.0
GR	1055.5	8475.9	1055.8	8487.5	1057.0	8496.8	1056.1	8501.6	1054	8508.1
GR	1054	8512.0	1054	8542.6	1054	8560.9	1054	8605.3	1054	8659.0
GR	1054	8796.7	1054	8832.6	1054	8842.6	1054	8875.1	1054	8889.6
GR	1054	8926.4	1054	8982.6	1054	9032.6	1054.9	9123.3	1054.7	9137.1
GR	1062.1	9159.1	1063.1	9163.8	1059.7	9185.0	1058.0	9232.6	1057.6	9282.6
GR	1058.1	9338.1	1057.1	9432.6	1057.8	9532.6	1056.5	9783.6	1055.0	9885.1
GR	1057.1	9892.6	1061.0	9901.0	1047.5	9947.4	1046.4	9991.8	1043.2	10000.3
GR	1043.8	10067.0	1048.4	10085.8	1056.1	10107.0	1056.1	10109.0	1062	10170
ET	11.847	9.1	7.1				8000	10173	7310	10173
	11.847	95	9914.3	10113.4	510	510	512.16			
	1061.0	5959.4	1023.2	6001.3	1024.8	6150.7	1020.3	6166.8	1020.8	6222.1
GR	1020.5	6241.4	1022.6	6391.4	1022.3	6441.4	1023.9	6541.4	1023.0	6666.3
GR	1024.4	6841.4	1025.6	7020.0	1025.3	7091.4	1027.0	7172.7	1055.3	7215.7
GR	1056	7373.1	1056	7376.2	1056	7382.1	1056	7557.1	1056	7591.4
GR	1056	7626.5	1056	7656.1	1056	7691.4	1056	7741.4	1057.3	7778.0
GR	1056.6	7819.6	1056	7856.7	1056	7874.0	1056	7885.8	1056	7916.5
GR	1056	7938.7	1056	7942.0	1056	7963.4	1056	7982.2	1058.9	7990.0
GR	1059.3	7995.7	1056	8032.9	1056	8063.4	1058.2	8084.5	1060.8	8095.1
GR	1058.8	8138.1	1058.8	8148.7	1060.5	8161.8	1059.4	8184.6	1057.4	8213.7
GR	1057.6	8232.2	1056.1	8245.2	1057.5	8252.7	1057.9	8260.3	1057.6	8270.7
GR	1056	8284.7	1056	8301.9	1056	8333.1	1056	8356.2	1056	8408.0
GR	1056	8592.2	1056	8641.5	1056	8744.8	1056	8791.5	1056	8823.3
GR	1056	8852.4	1056	8880.5	1056	8892.9	1056	8902.5	1056	8917.3
GR	1056	8939.8	1056	8964.7	1056	8993.3	1056	9009.1	1055.5	9091.8
GR	1057.3	9243.1	1058.7	9293.9	1059.9	9395.0	1057.4	9591.8	1058.5	9751.4
GR	1056.6	9803.6	1056.2	9841.5	1057.1	9897.5	1063.4	9914.3	1055.7	9929.5
GR	1048.3	9947.2	1047.8	9950.9	1048.1	9956.8	1047.6	9972.9	1045.0	9986.9
GR	1044.6	9996.6	1045.0	10045.8	1046.9	10059.5	1047.3	10080.1	1050.8	10087.3
GR	1050.4	10088.2	1050.5	10097.7	1052.1	10113.4	1056.2	10124.4	1066	10173
ET	11.90	9.1	7.1				7750	10198.5	6880	10198.5
X1	11.90	94	9890	10093.1	340	275	273			
GR	1065.0	5822.0	1056.8	5835.3	1056.7	5856.5	1054.9	5866	1057.4	5894.9
GR	1058.9	5946.1	1058	5955	1058	5996.4	1058.4	6002	1059.9	6003.8
GR	1058.3	6113.9	1059	6147.2	1058.8	6256	1058	6365.8	1058	6442.1
	1058	6571.5	1058	6682.2	1058	6806.8	1058	6932.9	1058	7062.5
GR	1058	7198.2	1058	7304.4	1058	7343.6	1058	7364.2	1059.7	7375
GR	1061.2	7381.3	1059.7	7387.6	1058	7406.7	1058	7511	1062.5	7524.6
GR	1061.1	7529.8	1059.2	7581	1059.3	7629	1058	7685.9	1058	7831.8

GR	1058	7920.6	1063.8	7941.2	1064.5	7945.8	1063.7	7960.4	1064.4	7990.1
GR	1063.2	8048.6	1058	8068.6	1062.8	8082.3	1061.5	8086.2	1059.8	8122.9
GR	1065.1	8136.7	1065.6	8191.5	1064	8204.9	1064.1	8211	1065.7	8214.6
GR	1067.8	8232.1	1062.6	8244.5	1058	8282.3	1058	8328.3	1058	8351.7
GR	1058	8385.9	1058	8401.5	1058	8426.2	1058	8538.4	1058	8653.7
GR	1058	8698.6	1058	8720.8	1058	8792	1058	8798.2	1058	8853.4
GR	1058	8972.8	1058.4	9027.2	1059.6	9126.8	1059.3	9178.1	1061.2	9242.5
GR	1060.1	9288.5	1061.3	9411	1060.4	9485.6	1060.8	9534.5	1059.4	9541.4
GR	1060.6	9596.9	1063.2	9609.9	1063.9	9638.7	1062.7	9677.2	1062.9	9750.9
GR	1059.2	9861.6	1060.5	9874.7	1064.4	9890	1047	9922.7	1045.2	9943.3
GR	1048.7	9962.9	1047	9975.4	1046.8	10010.4	1048.5	10036.8	1047.8	10038.6
GR	1048.8	10072.3	1058.5	10093.1	1058.2	10137.1	1067.4	10198.5		
ET	11.943	9.1	7.1				7650	10182	6800	10182
X1	11.943	96	9886	10084.8	150	235	235.61			
GR	1068.2	6060.0	1060.2	6075.8	1051.8	6095.8	1044.8	6120.9	1039.8	6143.7
GR	1036.9	6169.7	1036.4	6182.4	1029.5	6237.4	1029.4	6282.3	1038.0	6358.8
GR	1043.2	6380.4	1047.1	6403.9	1052.8	6410.1	1038.6	6431.2	1036.4	6467.9
GR	1038.1	6473.1	1040.0	6483.6	1039.8	6490.5	1041.2	6498.6	1041.1	6507.6
GR	1051.3	6549.8	1049.3	6562.6	1050.0	6568.7	1055.8	6597.8	1054.4	6616.7
GR	1051.8	6635.6	1054.6	6666.9	1055.8	6697.1	1058	6847.1	1058	6880.5
GR	1058	6900.6	1058	6924.3	1058	7034.9	1058	7058.3	1058	7066.9
GR	1058	7156.0	1058	7198.5	1058	7202.3	1058	7216.0	1058	7353.9
GR	1058	7397.1	1058.8	7497.1	1060.1	7603.1	1058	7641.5	1058	7677.5
GR	1058	7754.9	1058	7853.2	1058	7901.8	1058	7996.6	1058	8097.2
GR	1058	8195.4	1058	8232.1	1058	8297.2	1058	8347.0	1058	8364.3
GR	1058	8380.5	1058	8390.4	1058	8397.3	1058	8404.0	1058	8411.1
GR	1058	8595.1	1058	8647.2	1058	8676.1	1058	8690.9	1058	8711.2
GR	1058	8721.5	1058	8747.0	1058	8788.8	1058	8905.0	1058	9043.7
GR	1058	9079.0	1058	9081.2	1058.5	9136.1	1060.8	9243.1	1060.3	9347.3
GR	1061.0	9413.8	1059.8	9496.5	1062.5	9544.9	1060.0	9588.2	1060.0	9670.5
GR	1065.2	9720.9	1067.1	9770.5	1062.0	9867.0	1064.0	9875.8	1067.5	9886.0
GR	1050.0	9923.3	1049.5	9938.4	1048.2	9953.1	1048.3	9983.1	1046.7	9991.1
GR	1046.8	10011.1	1049.2	10028.4	1048.7	10056.8	1054.6	10084.8	1061.1	10106.2
GR	1070	10182								
ET	12.042	9.1	7.1				7400	10165	6350	10165
X1	12.042	62	9903.4	10070	500	540	520			
GR	1066	5900	1058	5930	1058	6005	1059	6024.1	1059.2	6048.5
GR	1060	6057.8	1058.2	6082.7	1058.2	6096.6	1058.2	6138.2	1058.2	6154.2
GR	1058.2	6173.8	1058.2	6190.9	1058.2	6201.8	1058.2	8555.6	1058.2	8631.6
GR	1058.2	8641.8	1061.8	8660.4	1058.2	8806	1058.2	8910.3	1058.2	8998.8
GR	1058.2	9007.9	1058.2	9078.3	1058.2	9101.9	1058.2	9111.5	1058.2	9145.2
GR	1058.2	9148.5	1058.2	9164.4	1058.2	9181.1	1058.2	9201.8	1058.2	9211.2
GR	1058.2	9267.4	1058.2	9290.8	1058.2	9298.9	1059.3	9367.2	1062.4	9377.5
GR	1062.9	9390.5	1059.5	9402	1058.5	9412.2	1058.2	9418.8	1058.2	9447.6
GR	1061.2	9485.4	1061	9536.3	1058.2	9574.9	1058.2	9588	1058.2	9609.8
GR	1058.2	9615.8	1058.2	9622.9	1058.2	9667.5	1058.2	9802.1	1058.2	9840.1
GR	1058.2	9853.8	1062.1	9867.5	1060.9	9871.4	1061.8	9900.2	1063	9903.4
GR	1050.5	9940	1049.3	9955.3	1049.7	9979.1	1048.5	9992.6	1049.8	10044
GR	1062	10070	1068	10165						

ET	12.141		7.1				7200	10080		
X1	12.141	60	9923.3	10075.5	510	535	526.38			
GR	1066.5	6189.1	1058.4	6216.3	1058.4	6242.6	1058.4	6252.9	1058.4	6260.4
GR	1058.4	8718.0	1058.4	8771.0	1058.4	8824.7	1058.4	8849.8	1058.4	8894.4
GR	1063.9	8951.4	1066.2	8960.3	1067.7	8970.2	1065.5	8987.1	1065.5	9009.4
GR	1060.3	9028.3	1059.2	9097.0	1059.9	9111.0	1058.4	9132.4	1058.4	9152.0
GR	1058.4	9163.9	1058.4	9176.0	1058.4	9186.1	1058.4	9203.6	1058.4	9261.8
GR	1058.4	9291.3	1062.2	9313.4	1058.4	9332.2	1058.4	9360.6	1058.4	9394.5
GR	1058.4	9399.9	1058.4	9427.8	1058.4	9450.6	1058.4	9479.5	1058.4	9504.7
GR	1058.4	9518.8	1058.4	9535.5	1058.4	9543.5	1058.4	9597.5	1058.4	9611.3
GR	1058.4	9651.5	1058.4	9711.5	1059.4	9724.2	1061.3	9727.9	1058.4	9749.8
GR	1058.6	9756.7	1058.6	9783.4	1064.4	9797.3	1058.4	9822.8	1058.4	9863.2
GR	1058.4	9875.3	1061.0	9885.9	1061.1	9917.1	1062.9	9923.3	1052.2	9960.4
GR	1049.3	10020.0	1050.0	10055.4	1051.9	10058.0	1066.0	10075.5	1068	10165
ET	12.247		7.1				7300	10086		
X1	12.247	40	9898.6	10085.8	510	565	560.46			
GR	1068.9	6348.1	1062.1	6370.1	1058.6	6375.9	1058.6	6395.6	1058.6	6398.0
GR	1058.4	6411.5	1058.6	6441.6	1058.6	6488.5	1058.6	6587.2	1058.6	6727.5
GR	1058.6	6777.5	1058.6	6873.5	1058.6	6881.5	1061.2	6933.5	1061.8	6941.9
GR	1058.6	6966.0	1058.6	6980.6	1058.6	6989.1	1058.6	7017.6	1058.6	7027.6
GR	1058.6	9627.7	1058.6	9671.6	1058.6	9687.4	1058.6	9741.8	1059.6	9770.6
GR	1058.8	9796.4	1059.4	9802.5	1061.9	9813.4	1058.6	9826.4	1060.4	9850.5
	1061.2	9894.5	1062.6	9898.6	1057.1	9919.5	1052.6	9946.6	1052.6	9977.4
	1050.7	9988.8	1050.8	10013.0	1052.1	10024.6	1066.0	10085.8	1070	10180
ET	12.359		7.1				7600	10100		
X1	12.359	73	9691.6	10061.0	500	580	586.15			
GR	1072.1	6582.4	1071.7	6589.2	1068.7	6615.2	1063.8	6638.2	1062.9	6640.3
GR	1058.8	6683.5	1058.8	6693.3	1058.8	6743.3	1058.8	6784.1	1058.8	6786.4
GR	1058.8	6798.0	1058.8	6805.8	1058.8	6856.6	1058.8	6876.8	1058.8	6887.6
GR	1058.8	6916.6	1058.8	7003.6	1058.8	7043.4	1058.8	7092.0	1061.7	7133.0
GR	1060.7	7161.1	1058.8	7186.6	1058.8	7193.4	1058.8	7243.4	1058.8	7342.0
GR	1058.8	8874.6	1058.8	8883.8	1063.7	8902.0	1063.6	8943.6	1062.3	9001.3
GR	1060.3	9003.5	1062.7	9011.5	1063.0	9014.6	1058.8	9033.5	1058.8	9047.4
GR	1058.8	9057.0	1058.8	9178.7	1058.8	9192.4	1058.8	9203.0	1058.8	9217.6
GR	1058.8	9232.5	1058.8	9258.5	1058.8	9260.9	1058.8	9340.5	1058.8	9357.9
GR	1058.8	9379.0	1058.8	9416.1	1058.8	9443.7	1058.8	9519.0	1058.8	9540.8
GR	1058.8	9563.4	1058.8	9581.8	1058.8	9594.7	1059.0	9613.1	1060.0	9670.0
GR	1065.3	9691.6	1062.3	9701.0	1057.6	9724.4	1054.6	9741.9	1052.8	9749.1
GR	1052.6	9781.4	1051.7	9793.1	1053.7	9873.9	1056.6	9885.0	1056.9	9922.2
GR	1058.5	9932.6	1053.3	9954.7	1053.2	10049.9	1054.7	10061.0	1056.0	10070.1
GR	1066	10095	1068	10250	1070.1	10395.0				
ET	12.42	9.1	7.1				7850	10200	7000	10782.8
X1	12.42	90	9014.1	10111.3	380	270	302.47			
GR	1066.5	6488.3	1067.3	6516.9	1066.9	6538.8	1065.6	6544.1	1065.2	6555.4
GR	1063	6566.1	1063	6635.3	1064	6639.2	1064.4	6677.3	1066.7	6684.3
	1062.8	6700	1064.1	6824.3	1065.4	6940.9	1065.8	7074.3	1065.5	7208.6
	1065.1	7246.4	1061.2	7255.4	1059.8	7299.4	1062.1	7306.5	1062	7326.9
GR	1060	7334.7	1060	7337.3	1060	7452.7	1060	7563.2	1060	7606.2
GR	1060	7611.8	1060	7724.4	1060	7751.7	1061.5	7790.8	1060	7802.3
GR	1060	7889.3	1060	7899	1062	7929.1	1062.3	7952.3	1063	7958.2

GR	1060	7993.2	1060	8021.8	1065.2	8037.7	1060	8056.6	1060	8147.7
GR	1063.7	8165	1063.1	8180.5	1060	8205.4	1060	8219.3	1060	8236.9
GR	1060	8289.4	1060	8387.8	1060	8438.5	1062.8	8461.2	1064.7	8478.4
GR	1065.5	8502.4	1065.2	8610.1	1065.1	8710.9	1064.7	8824.7	1066	8893.4
GR	1066.8	8915.4	1065	8931.2	1065.3	8957.3	1063.9	9002.6	1065.1	9014.1
GR	1063.6	9124.6	1062.8	9159.9	1061.9	9172.6	1061	9175.8	1059.8	9224.7
GR	1060.6	9260	1054	9283.3	1056.1	9324.5	1055	9423.2	1055.9	9446.7
GR	1055	9553.3	1055.4	9600.5	1054.8	9624.7	1055.6	9731.3	1056.7	9834.5
GR	1057.4	9930.4	1054.5	9953.6	1054.3	10052.7	1065.2	10111.3	1066.3	10121
GR	1061.6	10137.4	1063	10155.7	1061.7	10166.7	1065.6	10224.7	1067.9	10342.7
GR	1069.3	10405.9	1070	10524.7	1071	10651.2	1071.3	10747.9	1072.1	10782.8
NC	.045	.040	.035	0.1	0.3					
ET	12.47	9.1	7.1				8000	10300	7298.5	11052.3
X1	12.47	89	9382.2	10296.2	230	240	255			
GR	1064.5	4763.1	1062.7	4887.7	1063.3	5104.7	1063.3	5320.6	1063.5	5506.2
GR	1063.6	5669	1063.7	5828.2	1064.1	5991.4	1064.1	6208.4	1064.2	6360.9
GR	1064.7	6513.5	1065	6673.9	1065.1	6727.4	1065.1	7169.1	1064.7	7284.6
GR	1070	7298.5	1066.7	7309.6	1065	7420.7	1065.6	7496	1061	7510.2
GR	1061	7523.9	1061	7653	1061	7733.2	1064.2	7779.6	1064	7830.3
GR	1063	7841.4	1063.8	7920.8	1063.6	8025.7	1060.9	8058	1061	8135.2
GR	1063.8	8147.9	1062.7	8155.3	1062.9	8177	1061	8187.9	1061.6	8220.1
GR	1061	8243.8	1061	8256	1061	8437.2	1061	8555.4	1061.5	8588.2
GR	1065.1	8611.2	1065.9	8770.9	1066.2	8936.5	1066.3	9022.8	1068.5	9054
GR	1066.9	9078	1066.2	9160.8	1067.7	9182.8	1066.7	9241	1065.2	9255
GR	1067.1	9268.4	1064	9284.4	1063.2	9312.2	1062	9323.8	1062.3	9332.3
GR	1064.2	9344.3	1064	9382.2	1054.9	9402.5	1055.7	9424.8	1056.6	9429.8
GR	1062.3	9503.1	1057.5	9517.8	1055.6	9552.9	1063.1	9571.1	1057.9	9589.1
GR	1057.7	9655.3	1059	9681.4	1062	9712.2	1062.6	9848.4	1058.3	9882.7
GR	1054.9	9899.5	1056.2	9971.8	1055.1	10061.7	1059.4	10091.5	1059	10103.1
GR	1062.3	10176.7	1056.2	10192	1057.4	10274.1	1064	10296.2	1065.6	10311.1
GR	1065.2	10376.4	1069.1	10395.2	1069.1	10414.7	1068.1	10420.1	1069.3	10571.1
GR	1071.1	10771.2	1072.9	10960.5	1074	11033.9	1073.3	11052.3		
ET	12.529	9.1	7.1				8200	10393.3	7465.8	10393.3
X1	12.529	93	9552.2	10362.3	210	390	345			
GR	1063.3	5058.0	1063.5	5224.9	1063.8	5374.8	1063.8	5484.7	1063.9	5627.9
GR	1064.0	5769.7	1064.3	5927.6	1064.5	6074.9	1064.6	6227.2	1064.8	6379.7
GR	1065.0	6532.2	1065.2	6665.7	1065.7	6825.0	1065.7	6975.1	1065.8	7091.4
GR	1065.8	7225.1	1066.2	7396.4	1066.8	7454.8	1068.7	7465.8	1066.8	7471.4
GR	1066.4	7525.1	1065.0	7599.7	1065.3	7659.9	1061.5	7674.9	1061.5	7748.7
GR	1061.5	7775.2	1061.5	7866.1	1061.5	7877.1	1063.0	7885.7	1064.4	7929.9
GR	1064.2	7950.3	1065.1	8043.4	1064.2	8125.2	1063.8	8144.6	1064.5	8158.5
GR	1064.0	8175.8	1062.7	8196.8	1064.4	8204.9	1064.1	8244.3	1062.9	8270.0
GR	1062.0	8299.0	1062.1	8325.3	1061.5	8375.2	1061.5	8390.3	1061.5	8413.2
GR	1061.5	8423.3	1061.5	8475.3	1061.5	8535.5	1061.5	8625.3	1061.5	8651.7
GR	1061.9	8675.3	1063.4	8708.9	1065.1	8724.9	1064.7	8726.4	1066.0	8775.3
GR	1066.5	8875.3	1066.2	8925.3	1067.0	8975.3	1067.2	9125.9	1067.2	9225.4
GR	1068.1	9260.4	1067.1	9277.4	1067.7	9301.4	1069.8	9330.8	1067.4	9356.0
GR	1066.3	9377.2	1066.4	9387.9	1065.5	9414.2	1066.0	9457.2	1067.2	9470.2
GR	1066.1	9487.6	1063.9	9542.4	1062.1	9552.2	1058.8	9566.4	1057.9	9572.7
GR	1058.0	9613.2	1059.1	9629.5	1058.3	9703.0	1057.0	9731.3	1057.2	9785.1
GR	1056.1	9826.0	1056.8	9888.2	1057.7	9940.8	1057.5	10013.8	1058.5	10025.0
GR	1057.7	10100.7	1058.8	10172.6	1058.7	10193.9	1059.7	10227.0	1058.0	10267.6

GR	1060.3	10341.8	1060.5	10362.3	1067.1	10393.3				
ET	12.630	9.1	7.1				9080	10500	8085.7	10770.0
X1	12.630	95	9640.3	10396.9	520	550	532.95			
GR	1064.3	5332.2	1064.6	5578.3	1064.7	5778.3	1065.1	5978.4	1065.3	6178.4
GR	1065.9	6428.4	1066.7	6678.5	1066.8	6878.5	1067.3	7148.7	1067.5	7443.2
GR	1067.5	7508.1	1069.0	7518.2	1069.3	7529.1	1066.8	7540.6	1067.6	7728.7
GR	1068.1	7744.9	1070.2	7762.1	1071.3	7763.5	1072.1	7768.2	1071.8	7784.3
GR	1070.7	7791.6	1067.7	7828.7	1066.8	7920.0	1066.0	7930.0	1066.2	7939.6
GR	1069.6	7949.9	1068.2	7953.2	1068.2	7958.1	1070.8	7966.0	1065.0	7973.4
GR	1058.2	7979.6	1058.9	7981.6	1058.6	7993.5	1057.3	8000.2	1055.9	8016.0
GR	1058.0	8020.4	1060.1	8027.8	1063.0	8032.8	1065.7	8035.6	1065.0	8041.8
GR	1067.2	8045.1	1067.1	8071.7	1068.3	8080.6	1069.7	8085.7	1062.2	8102.2
GR	1062.4	8128.7	1061.7	8189.5	1064.8	8208.2	1064.8	8229.1	1063.2	8258.3
GR	1063.1	8299.7	1065.1	8328.8	1066.6	8428.8	1065.2	8478.4	1065.7	8481.6
GR	1063.5	8495.8	1062.9	8583.4	1061.4	8591.6	1062.4	8629.3	1062.6	8684.1
GR	1063.8	8705.0	1062.9	8725.5	1063.6	8800.4	1061.7	8829.0	1061.7	8850.0
GR	1065.2	8873.8	1066.7	8942.2	1067.5	9078.9	1067.1	9210.6	1068.7	9378.9
GR	1067.2	9530.2	1068.3	9554.6	1067.1	9558.4	1065.6	9631.4	1061.3	9640.3
GR	1056.2	9674.9	1057.7	9734.1	1057.2	9785.1	1058.2	9859.0	1060.3	9894.0
GR	1059.4	10040.0	1058.6	10142.0	1057.6	10181.8	1059.0	10196.1	1060.5	10310.5
GR	1061.4	10329.7	1061.1	10359.3	1061.9	10396.9	1061.9	10581.9	1060.8	10602.7
GR	1062.4	10612.0	1060.4	10634.9	1061.7	10648.4	1062.0	10732.1	1069.1	10770.0
	12.725	9.1	7.1				9550	10530	8342.9	10654
	12.725	93	9682.0	10403.6	530	470	499.53			
GR	1067.6	5471.4	1067.3	5676.1	1067.6	5901.9	1067.6	6145.6	1068.1	6345.7
GR	1068.3	6552.7	1068.5	6756.1	1068.5	7022.3	1069.2	7046.1	1070.0	7050.9
GR	1069.7	7061.8	1072.2	7074.8	1068.4	7086.3	1068.5	7167.9	1061.8	7186.6
GR	1061.7	7207.0	1068.6	7225.8	1067.4	7246.8	1063.9	7258.2	1062.2	7268.7
GR	1062.8	7282.2	1068.2	7300.9	1069.3	7395.8	1068.2	7595.8	1068.6	7661.6
GR	1071.1	7672.3	1068.6	7680.6	1069.2	7791.0	1052.4	7819.2	1051.7	7835.0
GR	1052.1	7842.1	1053.6	7849.2	1051.0	7885.3	1051.7	7909.3	1052.8	7918.5
GR	1052.3	7921.1	1059.3	7950.7	1056.0	7961.0	1055.8	8017.7	1052.1	8025.0
GR	1051.7	8047.3	1047.8	8053.1	1047.8	8074.6	1052.2	8086.1	1050.5	8127.1
GR	1046.8	8138.7	1048.2	8172.3	1047.8	8245.9	1048.5	8282.7	1050.1	8304.1
GR	1076.9	8342.9	1073.4	8352.2	1072.8	8387.6	1067.4	8403.1	1070.7	8436.6
GR	1070.4	8462.2	1068.9	8494.4	1063.9	8517.9	1064.1	8564.4	1065.7	8581.1
GR	1066.1	8793.8	1066.2	8814.8	1064.5	8833.3	1064.3	8862.7	1066.2	8883.3
GR	1066.5	8896.0	1065.3	8917.0	1066.6	8961.7	1064.9	9000.7	1067.3	9048.6
GR	1068.5	9194.7	1067.7	9296.0	1068.6	9496.1	1067.9	9646.8	1065.4	9682.0
GR	1056.6	9703.1	1058.0	9834.3	1061.5	9847.2	1061.5	9867.4	1059.0	9945.2
GR	1060.2	9981.2	1061.6	9999.4	1061.5	10039.9	1060.1	10054.7	1061.8	10082.4
GR	1060.7	10149.7	1058.5	10163.8	1058.9	10209.1	1060.2	10224.1	1063.3	10403.6
GR	1064.2	10622.7	1070.8	10654.1	1071.4	10654.4				
ET	12.816	9.1	7.1				9750	10488	8483.3	10488
X1	12.816	94	9781.2	10376.3	520	440	481.56			
GR	1075.1	5376.4	1073.8	5383.0	1073.3	5407.1	1069.7	5426.0	1068.2	5450.3
	1063.2	5475.1	1063.8	5505.8	1063.0	5525.5	1063.8	5574.3	1068.4	5600.9
	1068.7	5669.0	1068.1	5684.2	1068.7	5925.6	1068.8	6158.0	1068.9	6375.7
GR	1069.0	6575.7	1069.3	6775.7	1069.4	7089.9	1069.3	7128.3	1071.2	7134.7
GR	1070.9	7141.6	1069.6	7147.9	1069.7	7160.0	1076.1	7174.5	1072.4	7181.4
GR	1070.3	7187.9	1070.5	7204.1	1067.6	7294.7	1069.6	7366.1	1069.0	7425.9

GR	1059.2	7505.0	1043.3	7519.3	1044.0	7557.8	1047.1	7574.2	1047.6	7580.6
GR	1042.5	7607.2	1043.7	7626.5	1046.7	7845.4	1048.3	7875.9	1047.7	7976.4
GR	1048.7	8001.8	1048.6	8034.0	1044.0	8176.0	1042.7	8325.6	1041.6	8348.3
GR	1047.3	8362.1	1051.2	8369.7	1050.8	8385.9	1051.5	8406.9	1055.8	8419.1
GR	1057.4	8426.0	1063.4	8440.8	1072.0	8474.4	1075.6	8483.3	1070.8	8492.7
GR	1070.9	8528.7	1071.6	8531.0	1067.5	8544.5	1067.0	8570.2	1068.4	8582.8
GR	1067.0	8591.3	1069.7	8655.9	1069.8	8698.9	1068.4	8714.3	1066.3	8926.1
GR	1067.7	9026.1	1068.6	9199.1	1069.7	9276.2	1068.3	9457.4	1071.6	9464.5
GR	1078.4	9483.4	1081.3	9496.1	1082.5	9506.6	1081.6	9523.5	1085.0	9568.3
GR	1083.9	9577.9	1082.0	9585.3	1080.6	9605.0	1079.2	9666.0	1079.3	9714.8
GR	1080.6	9730.0	1081.6	9733.9	1079.3	9751.5	1063.6	9781.2	1057.5	9795.1
GR	1057.4	9833.2	1060.7	9976.3	1060.7	10113.1	1061.7	10130.5	1060.7	10176.3
GR	1064.1	10376.3	1064.0	10426.4	1064.8	10464.1	1072.3	10488.4		
ET	12.913	9.1	7.1				9704	10318	8680	10318
X1	12.913	95	9704.4	10285.7	510	535	513.23			
GR	1078.8	5540.7	1077.7	5612.8	1075.6	5633.0	1074.2	5687.9	1067.3	5715.1
GR	1067.4	5746.7	1071.2	5755.3	1071.2	5773.4	1070.5	5792.7	1070.9	5973.7
GR	1071.0	6173.7	1071.1	6273.7	1071.2	6532.5	1071.3	6729.2	1071.3	6923.8
GR	1071.5	7125.2	1071.5	7177.4	1072.7	7185.8	1071.1	7200.1	1071.5	7237.6
GR	1074.3	7247.6	1071.1	7256.5	1071.4	7373.9	1070.7	7423.9	1068.8	7466.0
GR	1069.8	7485.0	1070.0	7498.5	1065.4	7510.8	1063.6	7517.0	1064.4	7575.4
GR	1071.0	7593.8	1073.4	7599.1	1067.8	7606.4	1045.7	7639.2	1045.8	7723.9
GR	1046.7	7786.6	1047.1	7880.3	1046.2	7932.6	1046.9	8027.0	1045.6	8059.1
GR	1043.4	8078.4	1043.3	8110.4	1045.0	8129.9	1045.6	8147.9	1046.3	8198.8
GR	1048.7	8202.0	1050.6	8206.1	1050.7	8211.6	1045.9	8225.9	1039.9	8407.3
GR	1039.7	8444.0	1064.0	8469.3	1079.1	8486.5	1075.2	8494.9	1075.1	8513.1
GR	1073.1	8530.9	1072.2	8550.0	1073.6	8557.4	1069.6	8575.6	1068.7	8612.5
GR	1069.6	8618.2	1070.1	8668.0	1071.2	8692.6	1069.3	8711.7	1069.8	8724.1
GR	1070.1	8774.1	1071.2	8816.8	1071.8	8827.5	1070.6	8840.6	1071.0	8892.7
GR	1067.9	8915.2	1068.7	8974.1	1068.3	9036.5	1069.0	9224.2	1069.2	9295.1
GR	1068.6	9326.8	1071.1	9516.4	1071.3	9580.9	1070.7	9630.1	1071.2	9704.4
GR	1066.3	9724.2	1064.8	9739.8	1062.3	9829.5	1060.1	9841.8	1062.0	9926.2
GR	1063.6	9974.4	1063.3	9991.5	1062.2	10004.5	1061.7	10086.4	1058.6	10100.5
GR	1058.8	10125.4	1061.1	10175.6	1062.0	10185.6	1063.7	10285.7	1075.0	10318.7

GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-EFFECTIVE FLOW AREA BETWEEN SECTIONS 13.007 TO 13.296.

ET	13.007	9.1	7.1				9767	10239	8750	10239
X1	13.007	94	9767.1	10186.1	490	495	493.53			
GR	1074.1	6020.7	1073.2	6026.4	1073.0	6105.1	1073.0	6158.5	1073.0	6258.1
GR	1073.0	6339.2	1073.1	6437.1	1073.1	6511.2	1073.1	6737.2	1073.2	6903.6
GR	1073.2	6987.2	1073.2	7099.9	1073.2	7187.3	1072.9	7191.3	1074.4	7200.7
GR	1074.2	7208.7	1073.2	7215.8	1073.3	7237.3	1073.3	7296.1	1073.3	7688.9
GR	1073.3	7749.3	1073.4	7787.4	1073.2	7839.1	1073.1	7890.1	1072.8	7987.4
GR	1072.8	8037.4	1072.8	8087.4	1073.1	8137.4	1073.1	8209.3	1071.8	8231.0
GR	1070.5	8239.8	1070.1	8251.0	1071.6	8263.1	1073.4	8286.0	1075.8	8297.9
GR	1076.9	8306.4	1077.1	8311.4	1074.6	8319.0	1074.8	8367.4	1072.2	8383.8
GR	1072.3	8396.5	1070.5	8428.2	1071.5	8435.7	1072.6	8449.4	1072.5	8452.0
GR	1070.7	8466.3	1071.6	8483.7	1072.0	8503.9	1071.7	8513.9	1072.3	8541.8
GR	1072.5	8577.6	1072.4	8637.5	1073.3	8704.4	1073.5	8727.4	1074.8	8755.7
GR	1074.2	8768.6	1073.1	8779.0	1072.6	8787.6	1071.3	8837.7	1070.1	8849.8
GR	1071.8	8887.6	1073.2	8955.5	1073.6	8987.6	1073.2	9037.6	1071.8	9087.6
GR	1072.2	9094.6	1073.3	9137.6	1072.9	9187.6	1073.3	9210.2	1070.3	9235.2

GR	1070.4	9287.7	1070.6	9337.7	1070.6	9405.5	1070.9	9487.7	1071.4	9587.7
GR	1071.1	9637.7	1070.9	9688.4	1072.3	9713.5	1072.3	9767.1	1066.3	9792.0
GR	1064.8	9823.9	1064.1	9832.2	1063.4	9836.6	1063.0	9887.8	1062.6	9914.5
GR	1062	9937.8	1062	9987.8	1062	10043.2	1062	10087.8	1062	10137.9
GR	1062	10160.9	1062	10186.1	1076.9	10237.7	1076.7	10239.1		
ET	13.103	9.1	7.1				9830	10342	8600	10342
X1	13.103	92	9830.4	10318.4	505	515	505.18			
GR	1075.1	6491.1	1074.8	6492.6	1074.8	6568.0	1074.7	6578.0	1074.8	6659.3
GR	1074.7	6676.4	1074.8	6862.8	1074.8	6873.0	1074.8	7020.5	1075.0	7118.9
GR	1075.0	7219.0	1075.0	7269.9	1075.0	7320.7	1075.0	7422.5	1075.0	7524.2
GR	1075.0	7659.7	1075.0	7718.1	1075.0	7868.2	1075.0	8033.0	1074.8	8102.2
GR	1075.0	8142.2	1076.0	8148.7	1075.3	8174.5	1074.4	8193.9	1076.4	8199.3
GR	1077.4	8203.8	1076.7	8206.0	1074.5	8210.7	1073.0	8268.2	1073.2	8305.4
GR	1073.0	8321.5	1073.6	8336.7	1074.5	8389.6	1076.3	8427.7	1076.6	8448.8
GR	1074.2	8485.2	1074.3	8518.2	1074.1	8550.6	1074.2	8607.9	1074.0	8618.3
GR	1074.5	8668.3	1074.3	8724.3	1074.3	8727.8	1072.6	8754.0	1072	8768.3
GR	1072	8793.4	1072	8801.7	1072	8812.7	1072	8830.8	1072	8888.9
GR	1072	8938.0	1072	8968.3	1072	9014.3	1072	9032.8	1072	9067.5
GR	1072	9118.5	1072	9186.2	1072	9263.5	1072	9318.4	1072	9368.4
GR	1072	9404.1	1072	9415.8	1072	9443.8	1072	9461.8	1072	9467.8
GR	1072	9502.8	1072	9521.9	1072	9588.9	1072	9630.9	1072	9634.4
GR	1072	9669.8	1072	9679.1	1072	9713.6	1070.1	9751.2	1070.4	9773.0
GR	1071.8	9823.2	1071.6	9830.4	1067.0	9841.8	1067.8	9862.8	1067.1	9867.2
	1062.5	9918.5	1062.5	9968.5	1062.5	10018.5	1062.5	10070.8	1062.5	10096.0
	1062.5	10118.5	1062.5	10168.5	1062.5	10218.5	1062.5	10254.5	1062.5	10268.5
GR	1070.8	10318.4	1078.3	10342.6						
NC	.045	.045	.035							
ET	13.200	9.1	7.1				9805	10419	9150	10419
X1	13.200	94	9805.5	10314.7	510	515	512.50			
GR	1080.4	6710.0	1081.1	6712.7	1079.7	6719.5	1079.3	6750.7	1080.4	6762.9
GR	1077.5	6785.8	1077.3	6843.7	1077.2	6864.4	1077.7	6914.4	1077.4	6981.9
GR	1077.6	7042.0	1077.5	7112.5	1077.5	7114.4	1077.5	7190.2	1077.5	7253.0
GR	1077.3	7308.0	1077.5	7365.2	1077.3	7457.3	1077.4	7593.8	1077.7	7659.7
GR	1077.3	7719.5	1077.3	7792.7	1077.4	7862.0	1077.1	7926.3	1077.0	8013.2
GR	1076.8	8059.2	1076.2	8092.7	1076.5	8118.4	1076.1	8139.8	1078.3	8150.2
GR	1075.6	8161.7	1074.6	8214.5	1074.6	8232.1	1075.0	8253.3	1075.8	8267.5
GR	1073.5	8292.2	1075.2	8318.3	1076.0	8323.7	1076.4	8362.8	1076.0	8413.2
GR	1076.0	8416.8	1077.8	8422.5	1075.2	8438.7	1075.0	8451.1	1075.6	8504.6
GR	1075.7	8514.5	1075.1	8547.7	1076.7	8561.0	1076.4	8564.9	1076.5	8623.1
GR	1075.5	8707.0	1074.6	8757.6	1074.0	8814.6	1075.0	8870.1	1076.1	8914.5
GR	1076.3	8964.5	1075.9	9014.6	1075.4	9064.6	1076.1	9095.7	1075.1	9113.6
GR	1076.5	9160.1	1076.5	9201.1	1076.9	9218.2	1073.3	9248.6	1072.4	9264.6
GR	1072.2	9315.4	1070.9	9343.2	1071.7	9365.6	1072.7	9380.2	1072.4	9414.6
GR	1073.2	9512.4	1074.1	9567.4	1074.6	9614.5	1073.3	9664.6	1073.1	9719.3
GR	1073.1	9776.5	1073.1	9798.4	1071.7	9805.5	1067.4	9820.6	1063.4	9830.5
GR	1063	9846.7	1063	9883.2	1063.0	9921.7	1063	9986.9	1063	10035.5
GR	1063	10114.6	1063	10164.7	1063	10214.7	1063	10300.0	1063	10303.0
	1063	10314.7	1075.9	10364.6	1079.2	10377.8	1079.5	10419.2		

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ET   13.296      9.1      7.1                                  9590     10380      9000     10380
X1   13.296       93   9701.9   10320.7      500       500   509.87
GR   1078.2   6985.7   1077.4    7027.1   1077.3    7117.2   1077.3    7186.5    1077.3    7277.1
GR   1077.2   7327.1   1077.2    7385.2   1077.2    7683.1   1077.1    7782.4    1077.1    7881.7
GR   1077.0   8077.1   1078.1    8112.2   1077.5    8117.2   1077.4    8141.2    1075.9    8177.1
GR   1075.5   8201.3   1075.5    8231.6   1075.9    8243.8   1076.0    8278.3    1077.0    8327.5
GR   1076.8   8398.4   1077.2    8410.1   1076.2    8415.1   1075.8    8428.4    1075.6    8462.6
GR   1077.4   8476.9   1077.0    8480.8   1075.8    8517.4   1076.8    8530.5    1077.1    8577.2
GR   1076.7   8583.4   1076.5    8628.6   1076.8    8666.6   1082.2    8676.9    1090.1    8695.0
GR   1089.2   8719.8   1089.1    8777.1   1086.4    8869.2   1085.9    8877.0    1086.2    8882.5
GR   1084.8   8896.0   1084.3    8923.8   1084.6    8974.1   1087.1    9007.1    1087.0    9010.6
GR   1084.6   9015.9   1076.7    9029.7   1076.5    9036.5   1075.9    9095.5    1074.6    9126.6
GR   1076.3   9171.5   1076.6    9173.0   1076.8    9177.1   1074.2    9229.8    1071.6    9256.5
GR   1072.8   9318.3   1072.3    9326.5   1073.3    9380.1   1073.9    9470.6    1074.8    9527.2
GR   1074.8   9577.1   1073.4    9646.0   1072.7    9686.5   1073.5    9701.9    1063.5    9721.6
GR   1063.5   9728.3   1063.5    9757.8   1063.5    9782.8   1064.2    9793.2    1064.4    9867.9
GR   1064.8   9927.2   1064.7    9950.7   1063.5    9961.7   1063.9   10016.8    1064.2   10027.2
GR   1064.2  10077.2   1063.7   10115.1   1063.5   10125.1   1063.5   10127.9    1063.5   10139.3
GR   1063.5  10157.5   1063.5   10166.4   1063.5   10180.2   1063.5   10227.2    1063.5   10254.6
GR   1063.5  10272.1   1063.5   10274.8   1063.5   10295.4   1065.6   10320.7    1067.7   10327.2
GR   1072.1  10337.1   1080.7   10360.2   1081.0   10380.2

ET   13.395              7.1                                  9210     10352
X1   13.395       92   9303.0   10323.4      505       515   521.75
GR   1078.7   6969.6   1078.4    7004.1   1078.4    7205.7   1078.3    7353.8    1078.9    7483.1
GR   1079.5   7489.5   1079.4    7499.6   1078.7    7509.5   1078.5    7655.7    1078.7    7806.6
GR   1078.2   7957.5   1077.9    8102.9   1078.7    8145.4   1076.5    8158.4    1076.5    8173.2
GR   1078.7   8185.3   1078.3    8254.3   1078.7    8259.8   1080.0    8265.5    1078.7    8270.5
GR   1079.0   8290.1   1078.3    8301.2   1078.6    8359.9   1077.6    8410.2    1077.8    8452.9
GR   1077.1   8491.4   1077.8    8506.2   1077.2    8533.7   1078.7    8556.1    1078.9    8579.0
GR   1079.7   8591.4   1078.8    8600.4   1077.9    8644.0   1078.1    8651.6    1079.6    8665.3
GR   1079.3   8690.2   1077.6    8697.3   1076.4    8708.5   1076.4    8715.0    1083.6    8732.3
GR   1084.3   8734.9   1084.3    8751.5   1081.5    8760.9   1080.2    8771.5    1075.7    8788.8
GR   1076.4   8814.5   1076.9    8815.8   1077.5    8829.2   1076.9    8884.6    1077.0    8902.8
GR   1076.4   8916.5   1075.6    9003.0   1076.2    9069.6   1074.9    9102.5    1075.7    9136.5
GR   1075.6   9195.2   1076.0    9209.5   1075.6    9217.5   1074.4    9233.4    1073.6    9241.0
GR   1076.6   9269.3   1075.6    9286.8   1075.2    9303.0   1070.6    9350.5    1069.6    9373.2
GR   1065.7   9386.0   1065.5    9407.9   1065.8    9453.0   1065.6    9501.7    1064.9    9518.0
GR   1071.6   9531.5   1070.2    9602.9   1071.0    9703.0   1070.4    9775.2    1067.2    9788.7
GR   1064.6   9795.7   1066.0    9845.3   1066.2    9882.4   1064.0    9889.3    1064.2    9988.1
GR   1065.8   9991.3   1073.1   10009.0   1072.8   10053.0   1070.1   10098.5    1071.1   10198.2
GR   1074.9  10229.0   1075.3   10240.9   1073.7   10254.0   1074.0   10259.9    1073.6   10295.0
GR   1073.8  10323.4   1084.7   10352.8

NC                                  0.3       0.5
ET   13.450              7.1                                  8830     10253
          ******************************
          ***** OLIVE AVENUE **********
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***** LOW CHORD = 1086.4 ****
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X1	13.450	94	8990.3	10252.0	290.4	290.4	290.4			
GR	1088.4	6838.2	1088.5	6861.9	1087.5	6877.3	1086.9	6913.9	1085.7	6953.5
GR	1084.6	7013.3	1083.5	7063.1	1083.1	7102.5	1082.7	7184.8	1082	7255.3
GR	1081.8	7326.3	1081.9	7374.4	1083	7379.2	1083.1	7415.2	1082.3	7423
GR	1082.2	7450.9	1081.7	7502.5	1082	7532.2	1082.2	7577.2	1081.8	7605.3
GR	1081.7	7695.5	1081.9	7785.8	1082.3	7841.8	1082.5	7941.2	1082.7	8015.6
GR	1082.9	8027.8	1082.8	8051.8	1083.4	8104.6	1083.9	8159.8	1084.1	8174.8
GR	1085.2	8250.9	1085.4	8273.8	1086	8352.4	1086.1	8361.5	1087.4	8470
GR	1087.4	8480.1	1088.2	8550.7	1089	8631.3	1089.3	8682.4	1090.5	8721.8
GR	1090.8	8740.4	1086.5	8759	1076.5	8795.4	1075.3	8851.8	1074.9	8869.3
GR	1074.4	8879.1	1073.6	8917.3	1071.4	8990.3	1066.3	9022.8	1066.2	9032.9
GR	1066.6	9065.1	1068.5	9134	1068	9208.3	1068	9217.3	1067.8	9225.8
GR	1069.5	9238.2	1070.5	9250.2	1070.7	9309.2	1070.8	9364.4	1071	9443.6
GR	1071.1	9553.7	1071.1	9589.9	1070.5	9678.2	1071.1	9727.4	1070.6	9736.5
GR	1070.6	9771.8	1070	9819.2	1070.1	9826.5	1069.2	9864	1069.2	9875.6
GR	1066.1	9952.6	1066.2	9992.1	1064.3	10006.5	1064.3	10009.7	1063.9	10064.8
GR	1063.8	10067	1065.2	10097.1	1065.4	10106	1071.5	10126.6	1071.7	10133.8
GR	1071.5	10181.5	1071.6	10191.5	1070.9	10198.2	1070.4	10205.4	1084.5	10252
GR	1084.5	10257.9	1088.7	10276.1	1089.5	10280.3	1089.5	10305.8	1089.1	10337.6
GR	1089.2	10343.3	1089	10371.3	1088.3	10400.7	1088.2	10414.4		
SB	1.05	1.56	2.7	0	1400	99.0	21608.27	3.0	1070	1070
	13.467	89	8693.6	10286.7	90	90	90			
	0	0	1	1090.30	1092.80	0	0	1	0	0
BT	11	8710.0	1092.8	1092.8	8733.0	1093.0	1093.0	8733.1	1098.2	1086.4
BT	9110.0	1101.1	1089.3	9360.0	1102.0	1090.2	9482.0	1102.1	1090.3	9603.8
BT	1102.0	1090.2	9863.0	1101.1	1089.3	10240.5	1098.2	1086.4	10240.6	1093.0
BT	1093.0	10266.0	1092.8	1092.8						
GR	1090.1	6814.7	1089.3	6829.6	1088.5	6862.5	1087.9	6880.3	1086.6	6944.5
GR	1085.6	6980.7	1084.8	7020.5	1083.9	7051	1083.6	7107.9	1082.9	7170.4
GR	1082.9	7221.9	1083.5	7345.9	1083.6	7461.7	1083.4	7619.7	1082.9	7695.5
GR	1082.9	7781.8	1082.6	7838.7	1083.3	7953.6	1084.4	8056.2	1085.1	8153.8
GR	1085.9	8175.2	1085.7	8190.4	1085.8	8226.6	1086.2	8237.2	1087.5	8382
GR	1088	8436	1089.3	8524.4	1090	8586.4	1090.6	8617.3	1090.9	8693.6
GR	1090.7	8714.3	1089.7	8721.2	1089	8723.9	1083.7	8748.6	1075.9	8771.6
GR	1074.3	8844.3	1072.6	8880.1	1072.1	8900.4	1068.8	8915	1067.8	8921.2
GR	1067.7	8960.9	1067	8997.9	1067	9004.9	1068.1	9022.7	1068.6	9039.2
GR	1069.3	9080.3	1069.2	9095.9	1070.5	9122.1	1071	9176.2	1070.8	9207.1
GR	1071.2	9212.7	1071	9260.5	1071.2	9335.2	1071.7	9473.8	1071.7	9501.1
GR	1070.6	9664.3	1070.6	9679.2	1071.3	9719.1	1069.8	9747.5	1069.7	9757.2
GR	1070.5	9801.5	1070.3	9808.3	1070.7	9843.8	1071.4	9884	1070.3	9924.4
GR	1070.1	9949.1	1069.2	9970	1068.2	9979.4	1065.5	9992.8	1065.5	9999.6
GR	1065.1	10002.4	1064.5	10012.7	1064.5	10041.8	1064.1	10056.8	1065.5	10089.1
GR	1066.5	10127.4	1066.7	10153.5	1067.9	10157.6	1068.2	10166.2	1069.2	10180.4
GR	1069.1	10183.6	1082.4	10223.7	1088.6	10246.1	1090.3	10253	1090.6	10286.7
GR	1090.5	10313	1089.4	10369.3	1089.6	10370.6	1090.4	10389.2		

ET	13.518	9.1	7.1				8740	10214	8560	10214
X1	13.518	93	8800.2	10189.6	260	260	270			
GR	1079.3	6842.0	1079.0	6867.8	1078.7	6871.8	1078.9	6921.8	1080.2	6939.9
GR	1079.9	6974.7	1079.4	6995.2	1080.6	7071.4	1080.6	7122.3	1080.1	7221.0
GR	1080.9	7237.1	1080.0	7244.9	1080.5	7249.5	1080.9	7321.4	1080.6	7373.9
GR	1081.0	7421.4	1080.4	7471.4	1080.7	7521.4	1080.5	7621.4	1080.2	7671.4
GR	1080.1	7721.5	1079.8	7813.1	1079.8	7871.5	1078.5	7918.9	1079.2	7971.5
GR	1081.1	8041.5	1081.4	8070.2	1079.3	8106.1	1079.0	8118.1	1080.2	8134.4
GR	1078.0	8144.8	1080.6	8156.6	1079.4	8171.3	1079.5	8183.3	1076.9	8221.5
GR	1075.9	8286.2	1075.1	8338.5	1074.9	8367.7	1075.7	8381.0	1074.9	8394.8
GR	1074.5	8442.9	1075.3	8465.3	1074.6	8489.8	1073.7	8501.6	1073.8	8523.6
GR	1074.6	8531.6	1083.5	8552.1	1084.5	8557.1	1084.0	8571.3	1076.2	8613.2
GR	1074.7	8617.6	1073.0	8671.5	1072.4	8701.2	1073.1	8771.5	1073.0	8800.2
GR	1069.4	8817.0	1069.0	8884.9	1068.4	8900.1	1070.2	8923.4	1070.7	8934.3
GR	1070.4	8972.9	1071.4	8982.0	1073.0	9021.5	1073.7	9071.6	1073.6	9117.6
GR	1073.1	9129.8	1071.4	9142.4	1071.6	9173.4	1073.8	9185.1	1074.9	9243.9
GR	1075.1	9321.6	1076.1	9371.6	1075.4	9421.6	1075.8	9471.6	1076.1	9539.9
GR	1075.9	9604.1	1075.3	9660.5	1072.8	9680.2	1072.1	9699.2	1073.2	9757.7
GR	1073.1	9821.6	1072.5	9869.2	1071.0	9894.3	1073.2	9917.1	1073.1	9971.6
GR	1072.2	10019.3	1072.2	10039.7	1064.3	10058.8	1064.2	10074.4	1065.2	10086.6
GR	1067.3	10161.7	1067.2	10189.6	1087.8	10214.8				
NC				0.1	0.3					
ET	13.565		7.1				8800	10247.7		
X1	13.565	94	8886.9	10247.7	245	255	252.49			
GR	1081.3	6845.3	1079.5	6855.5	1080.8	6874.1	1080.7	6968.3	1081.2	7021.5
GR	1080.4	7035.8	1081.1	7068.3	1080.8	7118.3	1081.6	7168.3	1081.3	7218.8
GR	1081.7	7268.4	1081.5	7369.7	1081.2	7419.7	1081.7	7468.3	1081.4	7568.3
GR	1081.3	7673.6	1080.7	7774.0	1080.1	7816.7	1079.7	7817.3	1080.8	7828.8
GR	1080.4	7864.9	1080.5	7886.4	1081.3	7913.3	1080.4	7915.1	1078.3	7926.0
GR	1077.1	7936.5	1076.3	7955.1	1075.1	8015.1	1075.5	8043.1	1078.0	8058.5
GR	1077.3	8080.5	1077.1	8105.2	1074.8	8116.0	1074.7	8128.4	1075.4	8145.8
GR	1077.8	8155.3	1079.1	8199.1	1079.6	8268.4	1079.7	8318.4	1080.3	8330.7
GR	1080.3	8359.3	1079.7	8368.4	1079.3	8461.3	1078.8	8492.0	1075.1	8503.7
GR	1077.7	8521.4	1076.7	8534.8	1079.6	8550.4	1078.5	8560.7	1078.6	8567.5
GR	1077.8	8582.6	1079.5	8621.5	1079.8	8622.5	1075.2	8651.0	1074.3	8655.5
GR	1074.2	8658.2	1074.6	8660.6	1074.4	8663.0	1074.6	8684.0	1073.9	8718.4
GR	1074.6	8787.8	1074.2	8886.9	1069.0	8901.1	1069.7	8959.2	1069.3	8968.9
GR	1072.5	9004.1	1072.5	9034.4	1073.7	9068.4	1075.1	9168.5	1076.4	9318.5
GR	1076.6	9368.5	1076.4	9418.5	1077.1	9518.5	1076.9	9568.5	1075.9	9618.5
GR	1076.0	9668.5	1075.8	9682.7	1075.3	9689.5	1074.3	9726.3	1073.7	9811.9
GR	1073.3	9819.0	1073.3	9901.6	1074.4	9913.0	1074.0	9976.7	1072.9	10013.6
GR	1071.4	10036.8	1070.5	10045.7	1071.5	10065.0	1070.4	10076.4	1068.0	10085.3
GR	1067.4	10113.3	1065.8	10130.9	1067.0	10216.7	1088.9	10247.7		
ET	13.663		7.1				9020	10354		
X1	13.663	94	9227.8	10329.6	505	535	514.87			
GR	1081.6	6801.6	1081.9	6855.8	1081.0	6865.6	1082.0	6885.0	1080.0	6894.8
GR	1080.9	6900.6	1082.6	6907.6	1082.7	7062.8	1082.5	7164.1	1083.3	7214.8
GR	1082.9	7265.4	1083.4	7305.8	1082.2	7376.5	1083.0	7402.2	1082.2	7413.3
GR	1082.4	7455.3	1081.4	7497.4	1077.2	7531.8	1077.4	7599.3	1078.4	7613.2
GR	1076.3	7648.0	1076.2	7656.2	1078.4	7672.5	1078.2	7705.9	1079.7	7766.8
GR	1080.6	7855.9	1080.0	7879.6	1080.7	7905.9	1081.6	8055.9	1081.1	8184.3

GR	1080.0	8255.9	1080.2	8305.9	1080.9	8381.7	1080.9	8431.0	1081.3	8455.9
GR	1080.7	8555.9	1079.9	8616.7	1081.2	8677.8	1081.4	8706.0	1080.5	8756.0
GR	1081.3	8794.1	1080.3	8799.3	1079.2	8813.3	1077.1	8828.8	1076.1	8855.9
GR	1075.3	8937.5	1076.1	9038.8	1075.8	9207.0	1075.7	9227.8	1073.4	9245.3
GR	1073.0	9289.3	1071.9	9311.4	1071.9	9352.8	1071.2	9380.1	1075.2	9398.0
GR	1076.7	9401.5	1076.8	9435.8	1078.5	9471.1	1078.7	9540.9	1078.3	9554.9
GR	1076.9	9570.0	1075.4	9615.2	1075.6	9656.0	1075.3	9679.0	1077.2	9694.1
GR	1079.0	9758.1	1079.6	9767.4	1079.8	9789.3	1078.5	9801.8	1078.4	9831.3
GR	1078.8	9850.4	1077.0	9876.6	1076.2	9927.5	1074.6	9939.6	1074.6	10006.1
GR	1073.9	10042.1	1075.1	10057.9	1074.8	10082.9	1077.1	10106.1	1075.5	10136.1
GR	1076.0	10160.6	1076.0	10199.6	1075.2	10210.0	1069.8	10224.4	1068.6	10254.2
GR	1068.3	10274.4	1065.7	10310.7	1074.4	10329.6	1075.1	10341.6	1079.8	10356.5
GR	1088.0	10397.1	1089.9	10503.3	1090.6	10506.9	1092.0	10528.4		
ET	13.760		7.1				9220	10427		
X1	13.760	93	9522.0	10175.0	505	515	511.31			
GR	1083.9	6755.1	1082.8	6795.7	1083.3	6905.1	1082.0	6955.2	1083.3	7006.7
GR	1082.6	7030.9	1079.0	7054.3	1078.6	7085.2	1081.6	7118.2	1082.1	7155.2
GR	1082.5	7216.4	1083.5	7255.2	1082.1	7276.0	1079.3	7306.2	1081.4	7349.8
GR	1083.0	7501.2	1082.7	7512.3	1079.5	7534.3	1081.3	7580.5	1081.6	7596.7
GR	1081.3	7625.5	1078.4	7692.2	1079.9	7724.8	1083.0	7774.0	1083.2	7791.2
GR	1082.4	7834.0	1082.2	7905.3	1083.0	7955.3	1082.7	8005.3	1083.5	8105.3
GR	1083.3	8255.3	1082.9	8375.3	1082.4	8405.3	1083.4	8455.3	1082.4	8505.4
GR	1082.8	8555.4	1082.3	8633.2	1082.4	8654.6	1080.5	8665.1	1082.1	8705.4
	1081.8	8765.3	1079.8	8784.8	1082.4	8805.9	1083.7	8863.8	1083.0	8894.7
	1080.7	8905.4	1077.8	8930.9	1078.3	9097.2	1078.2	9158.8	1076.9	9203.8
GR	1077.7	9253.3	1078.3	9264.3	1078.1	9305.4	1077.2	9355.5	1077.9	9402.2
GR	1077.5	9474.8	1078.2	9504.9	1077.5	9522.0	1074.8	9544.9	1075.2	9605.5
GR	1074.4	9637.5	1078.6	9655.3	1078.8	9664.4	1077.7	9681.9	1078.7	9758.0
GR	1078.1	9805.5	1077.2	9830.4	1080.6	9846.2	1080.7	9865.6	1079.6	9881.0
GR	1080.6	9904.0	1079.8	9957.4	1080.0	9971.4	1078.5	9985.0	1079.7	10016.9
GR	1078.7	10026.3	1075.8	10041.9	1075.5	10063.3	1076.4	10103.3	1067.9	10120.0
GR	1068.5	10152.3	1068.3	10159.1	1071.2	10175.0	1071.7	10206.8	1074.8	10222.9
GR	1075.8	10255.6	1076.1	10305.6	1075.4	10342.9	1074.3	10355.3	1073.5	10379.3
GR	1073.3	10405.8	1084.0	10436.3	1084.3	10441.1				
ET	13.856	9.1	7.1				9380	10419.9	6800	10448
X1	13.856	92	9608.8	10107.9	505	510	509.71			
GR	1082.6	6532.4	1081.5	6561.6	1081.2	6611.1	1081.6	6663.4	1083.2	6678.4
GR	1085.2	6758.9	1085.1	6866.0	1083.8	6921.9	1080.5	6944.2	1080.6	6966.8
GR	1083.3	6991.8	1083.7	7086.7	1085.7	7114.3	1083.4	7158.3	1083.8	7166.9
GR	1082.1	7197.7	1082.1	7210.5	1083.2	7228.5	1084.0	7259.0	1083.1	7314.5
GR	1084.3	7359.0	1084.5	7427.3	1084.1	7492.6	1082.6	7512.6	1082.6	7537.8
GR	1084.4	7564.2	1083.6	7732.7	1082.9	7834.6	1080.4	7890.3	1082.0	7910.3
GR	1082.6	7946.5	1083.7	8061.5	1085.0	8109.1	1085.3	8209.2	1086.0	8219.6
GR	1084.8	8306.7	1085.3	8359.2	1084.2	8390.7	1085.6	8416.0	1084.8	8521.8
GR	1085.0	8567.0	1084.6	8591.3	1083.2	8604.5	1084.8	8650.0	1085.1	8672.9
GR	1083.3	8695.7	1083.9	8711.8	1083.1	8721.3	1085.3	8758.8	1085.4	8859.3
GR	1084.9	8916.5	1085.1	8960.6	1084.5	8997.3	1080.9	9010.9	1080.6	9017.5
	1080.4	9059.3	1080.9	9209.9	1080.5	9259.3	1081.1	9359.3	1080.5	9383.1
	1079.0	9399.4	1078.8	9409.4	1080.1	9439.2	1079.3	9551.5	1079.8	9602.8
GR	1078.2	9608.8	1074.7	9634.4	1075.6	9708.0	1075.5	9728.7	1077.3	9764.8
GR	1077.0	9890.5	1074.4	9898.9	1075.3	9914.6	1075.3	9925.6	1076.6	9959.2
GR	1075.7	10010.9	1075.0	10020.5	1071.2	10033.2	1072.5	10059.4	1072.3	10093.4

GR	1075.7	10107.9	1075.1	10146.4	1077.6	10209.5	1077.2	10244.6	1078.2	10264.9
GR	1078.2	10309.5	1077.7	10352.6	1076.8	10373.2	1079.5	10385.2	1078.2	10399.8
GR	1084.4	10430.9	1087.1	10448.6						
ET	13.952	9.1	7.1				9400	10384	6900	10583
X1	13.952	93	9432.8	10076.3	505	510	507.98			
GR	1090.0	6174.7	1087.4	6221.0	1085.0	6300.2	1084.1	6304.8	1084.5	6323.2
GR	1084.2	6340.3	1086.5	6357.6	1084.2	6376.8	1083.8	6479.7	1084.8	6505.0
GR	1083.1	6515.2	1085.2	6531.5	1084.4	6610.9	1083.8	6618.1	1084.3	6632.0
GR	1082.8	6659.3	1083.0	6675.2	1084.9	6693.0	1085.6	6705.5	1085.9	6770.3
GR	1084.5	6780.2	1086.2	6788.5	1087.5	6971.2	1086.1	7001.4	1083.7	7023.8
GR	1084.8	7071.2	1083.8	7104.2	1085.3	7133.2	1081.0	7159.3	1086.4	7186.0
GR	1086.4	7221.2	1085.4	7302.8	1085.2	7442.2	1086.3	7597.5	1086.3	7696.8
GR	1085.7	7771.3	1085.8	7921.3	1085.1	8071.3	1085.1	8128.3	1083.8	8138.4
GR	1083.8	8155.0	1084.6	8171.4	1084.1	8236.0	1083.7	8328.1	1085.8	8369.0
GR	1087.3	8384.9	1087.2	8432.5	1086.3	8471.4	1085.8	8603.7	1084.8	8622.2
GR	1082.3	8642.8	1085.3	8666.1	1087.3	8688.0	1087.5	8721.5	1086.6	8771.5
GR	1086.5	8800.8	1087.3	8811.2	1086.7	8827.4	1086.7	8921.5	1086.3	8971.5
GR	1087.3	9121.5	1086.6	9135.9	1082.9	9154.2	1082.3	9171.5	1083.0	9321.5
GR	1083.0	9432.8	1077.1	9472.0	1076.6	9506.3	1078.1	9514.2	1077.9	9581.3
GR	1078.4	9631.0	1077.9	9690.8	1081.2	9701.6	1078.6	9717.4	1078.6	9772.8
GR	1080.6	9814.5	1079.6	9914.8	1076.7	9931.7	1075.5	9952.9	1073.3	10019.8
GR	1076.2	10053.7	1081.4	10076.3	1080.8	10144.3	1081.0	10212.5	1080.1	10271.7
GR	1080.2	10320.6	1082.3	10377.6	1085.9	10398.8	1085.6	10456.2	1086.6	10506.3
GR	1086.5	10521.7	1088.3	10562.9	1090.1	10583.1				
ET	14.049	9.1	7.1				9280	10310	7100	10644
X1	14.049	92	9288.0	10114.9	500	505	512.16			
GR	1087.7	6131.0	1087.5	6229.4	1087.7	6285.1	1086.9	6433.4	1086.1	6484.6
GR	1085.3	6629.1	1084.3	6683.4	1083.9	6733.4	1084.5	6760.2	1087.4	6767.5
GR	1091.4	6775.0	1090.8	6780.7	1089.2	6787.1	1087.0	6800.3	1088.0	6933.4
GR	1088.5	7033.4	1088.5	7083.4	1088.9	7183.5	1088.4	7225.5	1086.3	7251.6
GR	1086.2	7283.5	1085.8	7310.9	1083.7	7328.3	1085.0	7358.9	1084.2	7399.3
GR	1085.8	7414.8	1086.3	7533.5	1086.6	7556.6	1086.5	7583.6	1085.6	7633.8
GR	1086.9	7693.7	1087.5	7733.6	1087.2	7833.6	1086.8	7933.6	1087.5	8033.6
GR	1087.1	8067.1	1087.4	8133.7	1086.5	8183.7	1086.6	8233.7	1085.8	8283.7
GR	1085.2	8383.7	1085.4	8433.7	1084.5	8510.5	1085.0	8536.0	1085.8	8551.6
GR	1085.3	8582.3	1086.6	8638.7	1088.0	8653.7	1088.7	8733.8	1088.6	8833.8
GR	1088.9	8933.8	1089.0	8983.8	1088.5	9033.8	1088.6	9087.0	1089.3	9132.6
GR	1088.0	9165.0	1089.0	9186.4	1088.9	9228.7	1085.1	9255.2	1084.7	9288.0
GR	1081.6	9308.5	1081.9	9333.9	1079.4	9372.9	1079.7	9396.9	1078.5	9502.3
GR	1078.5	9536.1	1082.2	9549.5	1082.4	9598.5	1081.9	9649.6	1082.6	9700.6
GR	1082.6	9734.0	1083.4	9784.0	1083.5	9834.0	1083.0	9884.0	1079.7	9961.8
GR	1076.3	9967.9	1076.7	10006.3	1078.9	10019.3	1077.1	10045.6	1074.5	10063.0
GR	1075.0	10078.7	1083.2	10114.9	1083.5	10134.1	1083.2	10184.1	1082.4	10211.1
GR	1081.8	10275.0	1081.3	10290.9	1087.9	10319.5	1087.2	10384.1	1087.7	10484.1
GR	1088.0	10619.5	1088.3	10644.9						
ET	14.145	9.1	7.1				9160	10350	7300	10478
X1	14.145	95	9170.0	10280.2	500	500	509.68			
GR	1095.1	5963.3	1089.8	5977.7	1089.0	6009.9	1088.1	6109.9	1088.5	6159.9
GR	1088.5	6241.8	1086.9	6253.2	1089.0	6283.1	1088.7	6312.4	1088.0	6319.5
GR	1089.0	6329.0	1088.6	6360.0	1088.4	6560.0	1088.3	6660.0	1086.8	6753.3
GR	1085.0	6764.0	1087.3	6774.8	1086.9	6852.1	1085.2	6860.3	1086.7	6884.9

GR	1087.7	6910.1	1089.3	7026.3	1089.3	7110.1	1089.9	7160.1	1089.9	7310.2
GR	1089.5	7383.7	1089.8	7434.7	1088.8	7560.2	1088.4	7571.5	1088.7	7584.1
GR	1087.5	7610.1	1087.4	7686.5	1087.1	7705.2	1085.7	7735.2	1086.6	7809.0
GR	1086.2	7863.1	1085.8	7876.4	1087.0	7914.8	1086.8	7928.0	1088.3	7957.2
GR	1089.0	8110.3	1088.7	8260.4	1088.0	8318.0	1088.9	8410.4	1088.1	8460.4
GR	1086.5	8514.0	1086.6	8608.8	1085.9	8655.2	1085.5	8718.9	1085.0	8728.8
GR	1088.2	8757.9	1087.9	8760.5	1088.1	8810.5	1087.4	8856.9	1089.3	8877.8
GR	1089.0	8960.5	1090.5	8996.1	1090.5	9032.4	1089.9	9066.8	1091.0	9110.5
GR	1090.5	9160.5	1090.7	9170.0	1079.8	9204.5	1080.0	9229.8	1080.8	9272.9
GR	1080.5	9351.7	1083.3	9374.8	1083.5	9430.9	1083.0	9475.1	1081.7	9495.1
GR	1081.8	9560.6	1080.8	9601.3	1080.8	9615.5	1083.5	9623.2	1084.5	9782.7
GR	1083.8	9935.8	1083.1	10060.7	1082.2	10092.9	1077.1	10121.3	1076.9	10132.4
GR	1078.9	10151.1	1080.3	10218.9	1078.7	10241.9	1081.3	10252.9	1082.5	10265.9
GR	1085.0	10280.2	1085.3	10310.8	1084.7	10341.7	1083.7	10360.5	1084.1	10412.8
GR	1084.6	10417.6	1088.8	10437.3	1087.6	10454.1	1088.9	10466.2	1088.8	10478.0
ET	14.240	9.1	7.1				9120	10400	7500	10710
X1	14.240	93	9130.0	10391.2	365	550	500.12			
GR	1092.8	6127.2	1090.1	6144.1	1089.3	6169.4	1088.8	6234.5	1089.6	6389.3
GR	1088.3	6396.6	1089.7	6405.2	1089.6	6415.6	1091.7	6423.1	1091.5	6435.7
GR	1089.9	6442.3	1089.6	6478.8	1087.3	6494.9	1089.9	6513.1	1089.7	6653.1
GR	1089.2	6675.8	1089.5	6693.5	1087.9	6775.7	1088.9	6841.5	1088.5	6855.9
GR	1087.4	6863.1	1087.5	6870.8	1088.3	6871.4	1088.2	6916.6	1091.2	6967.8
GR	1092.0	6972.7	1091.7	6981.8	1089.2	6997.6	1088.1	7022.7	1089.1	7042.8
	1088.7	7119.7	1089.9	7219.7	1090.2	7328.8	1091.2	7429.8	1090.8	7478.8
	1090.7	7719.8	1090.0	7894.3	1089.3	7907.0	1089.6	7919.9	1088.0	7938.7
GR	1086.7	7947.9	1086.5	7978.8	1088.3	8021.6	1086.5	8035.5	1087.3	8069.9
GR	1086.6	8124.1	1090.6	8319.9	1089.2	8419.9	1090.0	8470.0	1089.5	8546.1
GR	1088.9	8670.0	1087.9	8810.7	1086.8	8856.0	1088.3	8877.5	1085.5	8913.3
GR	1088.9	8936.4	1090.4	9101.6	1089.9	9130.0	1081.4	9155.4	1081.6	9201.5
GR	1082.7	9221.9	1082.1	9267.4	1085.3	9278.1	1086.4	9483.4	1085.2	9526.6
GR	1086.5	9548.2	1086.1	9626.2	1086.0	9727.2	1085.6	9754.8	1083.5	9767.6
GR	1082.6	9836.8	1084.5	9851.1	1085.0	10018.6	1083.8	10049.3	1085.0	10082.2
GR	1083.9	10181.6	1082.1	10217.5	1080.3	10243.1	1081.5	10310.9	1080.8	10369.5
GR	1087.5	10391.2	1086.6	10417.7	1085.4	10430.8	1087.0	10446.3	1086.3	10475.0
GR	1087.5	10498.8	1084.2	10515.0	1085.4	10535.1	1084.1	10627.2	1086.0	10636.9
GR	1084.4	10652.8	1086.0	10688.2	1091.4	10710.5				
ET	14.335	9.1	7.1				9110	10460	7700	10875
X1	14.335	92	9119.2	10358.0	400	530	498.73			
GR	1096.5	6405.1	1096.6	6414.4	1093.8	6426.0	1091.0	6645.7	1090.6	6668.9
GR	1090.8	6808.8	1089.7	6821.8	1090.9	6832.8	1091.3	7069.0	1091.7	7119.0
GR	1091.4	7169.2	1090.4	7182.9	1091.9	7193.0	1090.6	7369.1	1091.6	7519.1
GR	1092.4	7569.1	1091.9	7672.5	1092.8	7719.2	1092.0	7819.2	1092.2	7969.2
GR	1091.5	7997.9	1089.7	8026.8	1091.4	8072.1	1091.4	8119.2	1090.4	8169.2
GR	1088.8	8205.4	1087.1	8218.0	1087.4	8269.3	1086.5	8295.2	1088.3	8313.6
GR	1088.1	8331.3	1087.4	8348.0	1090.0	8368.3	1091.2	8428.6	1091.0	8469.3
GR	1091.4	8519.3	1091.3	8719.4	1091.2	8819.4	1090.6	8869.4	1090.8	8890.0
GR	1090.5	8919.4	1088.3	8969.4	1087.7	9015.7	1091.2	9093.7	1089.5	9119.2
	1084.7	9140.5	1083.8	9173.5	1083.6	9207.8	1083.0	9224.7	1083.1	9266.1
	1086.4	9283.0	1087.4	9378.1	1087.1	9422.3	1085.1	9431.4	1087.3	9480.4
GR	1086.8	9583.0	1088.0	9642.1	1088.2	9736.2	1087.1	9787.3	1087.8	9838.7
GR	1087.3	9940.8	1085.9	9985.5	1086.0	10021.4	1083.0	10027.3	1083.3	10044.8
GR	1085.3	10070.2	1084.8	10094.2	1086.1	10196.5	1085.0	10245.6	1080.4	10271.0

GR	1079.8	10300.6	1082.2	10309.3	1081.8	10328.5	1086.9	10352.2	1088.4	10358.0
GR	1088.5	10401.1	1089.0	10428.1	1088.2	10467.3	1089.0	10503.4	1088.8	10578.2
GR	1085.4	10601.4	1085.7	10603.4	1085.5	10616.0	1085.9	10656.8	1087.1	10708.0
GR	1087.0	10758.8	1088.4	10777.4	1089.2	10811.8	1090.4	10816.5	1087.3	10837.4
GR	1087.4	10868.0	1089.9	10875.5						
ET	14.430	9.1	7.1				9160	10520	7800	10984
X1	14.430	95	9171.4	10301.1	410	540	502.88			
GR	1093.1	6835.1	1092.2	6860.3	1091.7	6910.4	1092.2	6957.4	1091.9	7059.0
GR	1092.3	7116.1	1092.3	7152.4	1090.9	7160.9	1090.8	7169.2	1092.8	7174.9
GR	1092.5	7260.4	1093.8	7374.4	1092.6	7386.9	1093.8	7410.4	1093.5	7460.4
GR	1093.9	7560.4	1093.3	7610.4	1093.7	7668.1	1093.0	7731.7	1093.5	7769.7
GR	1094.7	7824.0	1093.7	7871.2	1093.1	7953.2	1093.2	7972.8	1092.9	8030.2
GR	1092.3	8062.0	1092.5	8076.9	1090.8	8088.0	1089.8	8098.1	1091.5	8116.9
GR	1092.0	8194.9	1091.5	8233.1	1092.1	8266.0	1092.1	8279.7	1088.9	8296.7
GR	1087.9	8349.4	1088.0	8356.7	1090.6	8393.8	1090.6	8428.0	1092.7	8449.0
GR	1092.3	8510.5	1091.7	8551.5	1089.9	8570.9	1091.7	8660.6	1092.0	8710.6
GR	1091.9	8760.6	1091.0	8810.6	1090.8	8860.6	1089.9	8937.3	1089.9	8990.6
GR	1089.4	9009.0	1089.1	9040.5	1090.1	9061.5	1091.7	9112.8	1092.1	9171.4
GR	1089.0	9184.9	1085.7	9213.3	1086.2	9236.5	1083.2	9251.1	1083.8	9327.2
GR	1086.3	9348.5	1085.7	9383.3	1087.2	9425.3	1088.3	9477.5	1088.7	9561.3
GR	1088.5	9633.6	1088.1	9691.5	1088.6	9737.7	1088.8	9773.2	1089.2	9789.8
GR	1089.6	9843.8	1089.5	9884.1	1088.4	9985.5	1084.9	10126.0	1084.5	10166.4
GR	1084.4	10207.6	1084.1	10261.8	1090.1	10301.1	1091.0	10347.0	1088.8	10352.7
GR	1090.6	10361.5	1090.4	10414.8	1090.5	10466.9	1090.0	10556.3	1089.5	10568.8
GR	1086.2	10593.2	1087.8	10622.9	1088.1	10675.2	1088.9	10720.5	1087.9	10808.1
GR	1090.5	10831.2	1091.5	10847.9	1092.2	10912.7	1093.2	10940.6	1093.8	10984.2
ET	14.525	9.1	7.1				9230	10600	7800	10815.3
X1	14.525	94	9232.1	10233.0	425	545	504.32			
GR	1096.8	7234.2	1095.6	7243.6	1095.6	7245.7	1095.1	7248.3	1093.9	7250.5
GR	1094.0	7255.8	1092.1	7338.6	1093.4	7385.4	1093.7	7436.4	1089.0	7503.6
GR	1091.8	7558.0	1092.5	7562.7	1092.8	7577.9	1094.1	7597.1	1094.6	7831.0
GR	1095.3	7931.0	1094.2	8034.5	1092.8	8078.6	1094.2	8119.5	1093.8	8153.9
GR	1093.0	8164.2	1094.4	8185.6	1094.5	8196.9	1093.0	8288.2	1094.1	8300.2
GR	1093.1	8327.7	1090.3	8342.9	1090.0	8381.8	1090.2	8418.4	1093.0	8465.0
GR	1092.4	8480.5	1093.0	8517.4	1092.0	8531.3	1093.8	8555.6	1093.8	8702.0
GR	1093.6	8736.6	1093.8	8766.7	1093.4	8777.2	1092.6	8786.4	1092.8	8838.3
GR	1091.5	8854.5	1091.8	8881.4	1090.7	8891.3	1090.6	8924.5	1091.3	8949.3
GR	1091.2	8981.0	1092.4	9081.0	1092.6	9131.5	1093.6	9183.1	1093.9	9232.1
GR	1089.7	9255.4	1087.5	9333.2	1088.5	9346.7	1089.3	9349.3	1088.8	9404.6
GR	1089.7	9431.4	1089.4	9505.9	1088.5	9590.1	1087.3	9596.1	1086.1	9621.0
GR	1084.7	9662.0	1088.2	9685.2	1089.4	9846.8	1089.3	9885.5	1087.9	9984.5
GR	1084.0	10000.7	1083.5	10040.7	1083.9	10046.2	1085.1	10076.8	1083.2	10093.8
GR	1085.8	10120.9	1085.4	10150.6	1085.9	10158.0	1086.3	10177.4	1086.1	10196.1
GR	1092.3	10233.0	1091.5	10254.5	1091.1	10301.0	1095.3	10340.0	1095.3	10352.5
GR	1094.5	10376.0	1089.8	10399.1	1086.6	10465.1	1087.6	10468.2	1086.8	10490.2
GR	1087.2	10583.4	1086.2	10636.8	1088.8	10661.4	1089.4	10670.2	1090.3	10717.7
GR	1093.7	10778.0	1096.5	10797.1	1097.2	10804.3	1097.2	10815.3		

ET	14.619	9.1	7.1				9305	10785	8100	10802.2
X1	14.619	92	9305.5	10198.4	410	540	494.31			
GR	1096.1	7381.0	1090.4	7395.9	1089.5	7402.9	1087.9	7454.5	1093.6	7478.2
GR	1095.7	7488.3	1096.8	7496.9	1095.3	7511.9	1093.7	7522.3	1092.9	7539.2
GR	1092.9	7580.7	1092.3	7595.9	1092.8	7611.0	1092.5	7643.7	1095.2	7663.3
GR	1095.3	7694.8	1095.6	7695.5	1094.1	7713.0	1094.5	7787.9	1093.8	7798.6
GR	1095.3	7816.1	1095.6	7864.0	1092.5	7883.4	1095.6	7892.3	1094.9	7996.8
GR	1095.4	8044.8	1095.1	8194.8	1095.7	8283.3	1094.7	8297.5	1094.3	8314.5
GR	1095.4	8400.7	1094.3	8437.5	1093.2	8448.1	1094.2	8503.0	1091.7	8514.9
GR	1093.5	8526.5	1092.6	8534.2	1092.7	8594.8	1092.4	8624.7	1094.9	8641.2
GR	1095.1	8689.8	1094.3	8729.7	1095.9	8844.8	1095.9	8895.4	1095.3	8916.0
GR	1091.4	8957.3	1091.5	8976.9	1093.0	9000.9	1091.4	9033.7	1092.5	9047.1
GR	1091.7	9076.2	1091.5	9104.0	1093.1	9144.8	1095.2	9305.5	1091.3	9327.3
GR	1090.7	9392.3	1090.1	9619.3	1090.3	9696.9	1089.2	9746.7	1087.4	9776.0
GR	1087.8	9808.3	1087.3	9833.0	1089.8	9864.0	1089.8	9919.7	1088.8	9955.2
GR	1086.8	9967.5	1086.3	9992.2	1087.0	10001.3	1088.1	10031.1	1088.9	10087.0
GR	1088.3	10118.0	1087.7	10125.9	1087.5	10177.5	1092.1	10198.4	1092.6	10203.6
GR	1091.1	10222.2	1093.3	10241.7	1092.3	10258.7	1093.9	10273.4	1093.3	10381.2
GR	1092.1	10421.0	1092.4	10456.0	1091.8	10506.6	1092.5	10536.1	1093.9	10565.8
GR	1094.3	10588.1	1092.7	10643.2	1090.0	10708.5	1088.4	10737.8	1088.1	10755.0
GR	1092.3	10775.3	1096.3	10802.2						

ET	14.708	9.1	7.1				9410	11140	8350	11257.9
	14.708	92	9428.4	10186.7	425	500	470.75			
	1103.9	8036.0	1096.2	8049.8	1095.6	8117.2	1096.3	8139.9	1095.7	8172.4
GR	1096.7	8228.8	1094.7	8242.0	1095.0	8272.9	1096.5	8285.2	1097.0	8422.3
GR	1096.3	8492.6	1095.4	8519.0	1096.1	8522.0	1094.3	8533.4	1092.7	8541.1
GR	1092.7	8568.6	1093.4	8590.6	1094.0	8625.2	1093.2	8660.6	1093.1	8722.3
GR	1092.8	8753.9	1091.2	8779.9	1092.9	8796.2	1095.6	8815.0	1095.4	8872.3
GR	1094.3	8972.3	1094.0	9035.9	1094.3	9122.3	1093.8	9223.4	1093.4	9249.4
GR	1096.2	9296.7	1097.1	9307.5	1096.2	9337.0	1095.8	9394.5	1095.1	9428.4
GR	1092.0	9452.1	1093.2	9468.6	1092.1	9566.9	1092.0	9615.2	1091.3	9633.0
GR	1090.5	9681.8	1089.9	9782.6	1089.7	9796.8	1089.2	9802.6	1088.8	9813.4
GR	1089.8	9861.5	1090.2	9919.6	1089.4	10002.7	1089.7	10034.5	1089.4	10057.4
GR	1088.4	10082.1	1089.8	10101.4	1089.7	10149.5	1092.6	10186.7	1094.0	10222.8
GR	1094.3	10261.0	1095.9	10287.2	1095.5	10325.7	1094.2	10343.9	1095.2	10365.6
GR	1095.0	10378.4	1093.8	10393.4	1094.3	10400.2	1094.1	10441.0	1093.4	10459.3
GR	1094.5	10503.2	1094.4	10643.5	1094.7	10693.4	1095.1	10705.5	1095.0	10715.9
GR	1095.6	10752.5	1094.1	10779.6	1094.6	10795.2	1094.5	10841.3	1093.6	10860.1
GR	1093.8	10869.7	1093.5	10887.4	1093.8	10902.7	1093.8	10928.2	1094.3	10946.4
GR	1094.3	10975.6	1093.4	11005.3	1093.8	11020.8	1093.8	11068.6	1094.7	11094.9
GR	1094.6	11106.3	1093.5	11120.3	1097.0	11166.8	1096.1	11177.0	1096.6	11213.0
GR	1102.4	11242.2	1102.2	11257.9						

CONFLUENCE WITH LOWER EL MIRAGE WASH TRIBUTARY

ET	14.809	9.1	7.1				9455	10235	8474	10252.8
X1	14.809	92	9536.7	10195.8	510	540	530.81			
GR	1107.8	8473.6	1099.5	8511.7	1098.9	8543.9	1097.1	8562.5	1095.9	8639.3
	1097.9	8666.5	1097.8	8669.6	1094.7	8679.3	1094.5	8727.9	1094.7	8736.6
	1095.5	8745.5	1096.0	8827.2	1097.1	8869.6	1096.1	8916.6	1096.8	8969.6
GR	1097.1	9069.6	1097.1	9179.4	1097.0	9229.7	1096.4	9306.2	1096.7	9403.0
GR	1096.2	9435.8	1095.0	9450.4	1096.3	9491.5	1095.9	9536.7	1093.9	9548.6
GR	1093.6	9569.1	1091.6	9598.8	1093.0	9617.1	1091.8	9651.0	1091.1	9733.9

GR	1091.4	9775.3	1092.6	9787.6	1092.2	9792.2	1091.4	9860.6	1087.1	9878.1
GR	1087.3	9909.0	1089.5	10031.8	1091.1	10059.0	1090.8	10085.7	1091.1	10096.4
GR	1087.3	10106.9	1087.7	10128.6	1088.1	10129.3	1089.1	10143.7	1095.2	10195.8
GR	1096.8	10234.3	1097.4	10236.9	1097.3	10238.6	1099.0	10252.8	1098.0	10259.2
GR	1098.4	10264.4	1098.2	10275.0	1097.7	10279.4	1098.3	10328.7	1098.1	10376.1
GR	1097.3	10454.3	1098.0	10561.8	1096.5	10719.7	1096.4	10767.1	1097.6	10894.4
GR	1095.7	10912.2	1094.0	10923.3	1093.2	10934.8	1092.4	10965.5	1092.9	11008.3
GR	1093.6	11026.2	1096.8	11053.8	1096.8	11073.2	1097.9	11087.4	1096.9	11119.8
GR	1097.7	11151.4	1102.0	11173.5	1101.0	11203.4	1095.6	11229.8	1094.9	11279.5
GR	1095.7	11315.3	1093.6	11361.3	1093.4	11377.5	1095.1	11421.8	1092.7	11430.2
GR	1092.7	11500.9	1095.4	11524.6	1095.0	11539.4	1095.3	11607.8	1095.8	11612.3
GR	1097.0	11633.9	1096.6	11645.6	1096.9	11662.1	1098.1	11673.3	1099.3	11678.3
GR	1100.2	11702.2	1100.6	11723.2						
ET	14.905	9.1	7.1				9330	10160	8974.3	10303
X1	14.905	95	9392.3	10079.9	500	510	508.67			
GR	1103.6	8974.3	1096.9	8989.1	1095.6	9018.0	1094.7	9068.2	1094.9	9118.0
GR	1097.3	9149.3	1097.5	9218.0	1096.5	9268.0	1095.6	9354.9	1094.8	9379.8
GR	1095.0	9392.3	1092.6	9417.6	1094.5	9446.4	1094.8	9482.2	1094.0	9505.7
GR	1092.4	9532.5	1093.8	9589.4	1091.4	9646.8	1091.8	9669.3	1090.7	9697.2
GR	1090.9	9721.2	1090.3	9751.7	1091.9	9785.7	1091.8	9820.9	1090.6	9850.7
GR	1091.8	9862.5	1091.2	9887.2	1088.6	9903.9	1089.1	9954.5	1089.5	9992.3
GR	1091.7	10006.8	1092.7	10054.0	1092.8	10079.9	1091.3	10149.4	1090.9	10196.9
GR	1092.7	10249.2	1092.4	10252.7	1094.3	10282.4	1099.7	10302.9	1098.8	10373.3
GR	1099.2	10396.5	1098.8	10469.6	1100.3	10478.2	1099.1	10652.5	1100.0	10755.7
GR	1099.4	10807.2	1100.0	10858.6	1098.2	10960.5	1099.4	11037.9	1100.4	11048.3
GR	1099.5	11058.9	1099.5	11118.8	1099.9	11167.3	1099.9	11218.8	1098.4	11286.9
GR	1099.3	11313.8	1098.9	11315.6	1099.5	11318.6	1100.0	11325.2	1098.7	11372.2
GR	1096.6	11384.4	1095.8	11443.0	1098.4	11534.6	1097.0	11578.2	1097.0	11620.7
GR	1098.0	11641.1	1095.9	11725.4	1100.0	11752.2	1099.5	11763.6	1098.1	11772.1
GR	1098.6	11783.8	1096.4	11815.3	1095.6	11835.9	1095.5	11866.5	1095.0	11887.6
GR	1095.3	11924.7	1095.9	11939.0	1099.1	11969.7	1104.4	11994.5	1101.9	12016.1
GR	1101.8	12037.2	1102.9	12079.5	1101.0	12093.6	1101.7	12129.0	1102.5	12140.8
GR	1102.7	12247.4	1103.5	12279.8	1103.8	12313.9	1102.5	12327.5	1104.1	12448.9
GR	1104.8	12474.6	1100.8	12519.9	1100.8	12554.0	1104.4	12608.8	1104.0	12655.5
ET	15.000	9.1	7.1				9290	10130	9175.6	10600
X1	15.000	93	9346.3	10081.6	500	495	500.84			
GR	1104.8	9175.6	1096.6	9188.0	1095.7	9234.8	1098.2	9245.7	1098.1	9269.8
GR	1098.5	9309.1	1098.0	9346.3	1094.9	9360.3	1093.9	9370.2	1092.0	9405.3
GR	1093.4	9484.6	1095.2	9558.7	1095.7	9601.6	1095.6	9621.8	1096.0	9660.1
GR	1094.7	9835.6	1093.9	9875.1	1091.8	9911.5	1091.4	9946.6	1092.3	9974.0
GR	1090.7	9998.3	1088.8	10005.6	1089.2	10038.0	1089.1	10059.8	1097.0	10081.6
GR	1096.3	10186.6	1095.3	10240.5	1094.7	10362.1	1093.4	10456.6	1093.5	10476.4
GR	1094.0	10495.3	1100.0	10526.1	1100.6	10561.4	1101.1	10679.6	1101.4	10895.6
GR	1101.2	10958.4	1101.8	11017.3	1101.4	11192.8	1101.3	11274.2	1100.7	11355.6
GR	1099.3	11392.9	1098.1	11400.2	1096.6	11405.2	1096.5	11410.1	1097.8	11419.6
GR	1098.0	11427.6	1099.3	11434.3	1100.2	11446.3	1100.3	11453.6	1100.0	11457.0
GR	1100.2	11466.1	1097.6	11479.7	1097.3	11498.8	1099.1	11540.6	1099.9	11574.4
GR	1099.9	11593.7	1101.2	11685.2	1101.1	11736.6	1101.7	11756.7	1101.5	11782.1
GR	1102.6	11787.3	1102.1	11802.9	1100.2	11815.5	1100.5	11836.4	1098.5	11890.8
GR	1098.1	11942.1	1096.6	11993.5	1098.5	12029.4	1099.0	12044.9	1099.3	12096.3
GR	1100.7	12125.7	1102.8	12147.6	1103.6	12163.7	1103.8	12179.4	1101.5	12212.6
GR	1100.5	12250.4	1102.4	12357.6	1102.9	12367.0	1102.9	12400.4	1104.8	12422.9

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GR   1104.1   12475.6   1103.5   12492.4   1103.6   12504.2   1104.5   12515.0   1105.2   12558.7
GR   1104.4   12624.8   1102.9   12637.3   1102.6   12663.8   1104.8   12712.9   1104.1   12745.6
GR   1104.2   12758.9   1103.7   12782.7   1104.1   12821.1

ET   15.094      9.1       7.1                                9330     10190    9293.4   11152.4
X1   15.094       93    9336.0   10125.1       495       495   496.49
GR   1102.3   9230.9   1100.7    9234.4   1099.6    9253.3   1099.4    9273.1   1101.4    9293.4
GR   1098.7   9317.6   1099.1    9336.0   1093.7    9355.8   1092.1    9366.0   1093.0    9426.0
GR   1097.1   9590.7   1099.4    9609.4   1099.0    9653.4   1096.8    9670.4   1096.3    9694.4
GR   1096.0   9881.3   1095.6    9930.6   1093.7    9945.8   1094.7    9959.7   1091.2    9976.5
GR   1091.8  10019.8   1091.3   10056.5   1090.0   10076.6   1089.9   10097.2   1093.0   10112.9
GR   1094.7  10125.1   1095.1   10135.1   1094.8   10150.0   1096.1   10160.0   1096.9   10171.4
GR   1096.6  10189.8   1097.4   10207.6   1096.2   10234.1   1097.3   10263.0   1097.4   10348.5
GR   1097.8  10420.4   1096.0   10524.2   1096.2   10548.3   1099.1   10566.9   1098.0   10582.9
GR   1096.7  10640.5   1096.6   10663.0   1099.1   10693.7   1098.7   10706.9   1099.1   10769.4
GR   1100.1  10779.4   1100.1   10782.7   1098.1   10796.7   1097.2   10800.0   1096.8   10811.3
GR   1095.5  10828.1   1099.2   10841.3   1099.7   10841.7   1098.3   10856.1   1097.2   10861.7
GR   1096.4  10911.4   1097.7   10930.8   1100.9   10959.2   1100.7   10987.0   1102.5   11002.3
GR   1102.3  11152.4   1101.1   11308.7   1100.6   11317.7   1099.8   11395.4   1100.0   11416.9
GR   1098.4  11464.5   1099.1   11568.4   1102.2   11721.5   1103.2   11770.3   1102.9   11927.4
GR   1102.6  12022.7   1102.6   12073.5   1099.0   12224.6   1098.4   12273.7   1099.4   12426.5
GR   1100.1  12527.4   1100.9   12565.4   1103.1   12583.4   1103.4   12600.3   1102.8   12615.4
GR   1104.7  12634.5   1103.3   12708.4   1104.2   12732.9   1104.9   12768.7   1103.0   12777.2
GR   1102.2  12792.8   1103.9   12819.1   1100.5   12842.5   1100.6   12850.8   1098.7   12868.4
     1098.7  13008.3   1100.2   13018.1   1102.3   13066.3
ENCROACHED DUE TO NON-EFFECTIVE FLOW 4:1 DOWNSTREAM OF LANDFILL,
 SECTION 15.188 TO 15.719.

ET   15.188      9.1       7.1                                9485     10280   9360.1    11050
X1   15.188       93    9504.7   10076.1       550       435   495.48
GR   1106.4   9360.1   1103.4    9378.8   1102.5    9452.7   1101.6    9475.6   1102.2    9494.0
GR   1097.3   9504.7   1094.3    9579.5   1094.8    9593.8   1095.3    9643.1   1094.3    9694.4
GR   1097.4   9851.0   1096.8    9910.1   1097.2    9923.3   1094.9    9974.6   1089.0    9999.8
GR   1089.0  10036.2   1089.7   10045.4   1100.4   10076.1   1100.9   10093.4   1100.8   10134.4
GR   1098.4  10315.5   1097.5   10342.4   1098.4   10371.5   1097.5   10423.9   1099.1   10519.9
GR   1099.8  10539.6   1100.5   10631.5   1101.5   10643.5   1102.1   10655.6   1102.2   10711.3
GR   1102.8  10719.2   1101.8   10730.9   1100.3   10887.2   1098.9   10994.1   1099.1   11029.8
GR   1100.0  11074.5   1097.5   11098.2   1097.1   11119.5   1100.9   11144.2   1100.7   11160.3
GR   1099.5  11182.2   1098.9   11210.8   1103.4   11245.7   1103.4   11261.5   1103.0   11267.1
GR   1103.6  11272.4   1102.8   11387.4   1102.1   11433.8   1100.4   11499.1   1102.0   11533.1
GR   1099.8  11633.7   1099.5   11683.9   1099.1   11697.0   1101.2   11756.0   1101.8   11784.2
GR   1101.8  11830.5   1102.2   11834.4   1101.8   11838.1   1101.8   11880.7   1102.9   11904.7
GR   1104.4  12085.2   1104.1   12235.7   1104.6   12304.0   1104.3   12339.8   1103.1   12355.1
GR   1101.7  12382.3   1103.0   12398.6   1103.2   12442.1   1103.9   12460.1   1103.4   12469.0
GR   1103.5  12476.2   1105.2   12496.6   1100.0   12536.7   1099.1   12575.4   1097.3   12579.2
GR   1097.3  12724.2   1107.4   12778.9   1107.3   12813.8   1105.1   12823.1   1104.6   12830.8
GR   1105.2  12882.9   1104.0   12909.6   1105.1   12933.1   1105.5   12973.0   1103.8   12985.7
GR   1103.7  12998.7   1104.7   13019.4   1098.7   13046.9   1098.7   13140.6   1100.6   13162.4
GR   1100.8  13195.0   1101.7   13239.1   1104.6   13310.8
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ET	15.281	9.1	7.1				9660	10370	9602.8	10950
X1	15.281	94	9742.9	10078.0	560	425	491.34			
GR	1110.2	9602.8	1107.8	9607.8	1108.8	9619.3	1108.1	9621.5	1108.6	9634.1
GR	1109.2	9640.4	1099.4	9664.0	1098.3	9688.6	1098.1	9742.9	1095.4	9851.4
GR	1095.2	9929.7	1095.6	9934.3	1094.9	9941.2	1093.9	9973.5	1092.6	10001.2
GR	1094.5	10015.4	1094.4	10060.9	1101.4	10078.0	1101.3	10171.7	1100.1	10231.0
GR	1099.4	10294.8	1100.0	10419.7	1098.8	10453.1	1099.9	10477.8	1100.4	10502.1
GR	1100.3	10602.6	1102.9	10622.4	1101.5	10632.0	1102.1	10643.8	1100.2	10651.0
GR	1099.8	10661.9	1099.4	10717.0	1100.7	10881.8	1101.1	10945.5	1102.6	10956.1
GR	1101.5	10963.7	1100.2	11043.0	1101.4	11089.7	1100.2	11141.3	1100.0	11252.7
GR	1098.7	11279.3	1100.2	11298.5	1097.7	11313.7	1100.5	11338.0	1100.8	11392.1
GR	1100.5	11406.1	1101.1	11424.6	1100.1	11445.0	1103.6	11458.9	1104.3	11488.9
GR	1104.7	11493.7	1101.8	11503.9	1101.8	11590.6	1103.1	11601.7	1102.4	11743.3
GR	1103.3	11769.1	1103.1	11793.0	1103.9	11943.3	1104.6	12108.7	1105.4	12184.0
GR	1105.9	12345.2	1105.8	12513.6	1106.4	12525.4	1106.5	12545.8	1107.2	12568.9
GR	1108.9	12584.8	1108.1	12597.6	1108.9	12619.9	1110.2	12631.5	1105.2	12664.4
GR	1102.9	12689.8	1103.3	12694.8	1103.4	12741.6	1100.7	12753.6	1097.3	12759.0
GR	1096.9	12921.1	1098.7	12934.5	1101.0	12968.6	1102.7	13003.6	1104.6	13024.0
GR	1107.5	13045.2	1105.7	13082.9	1105.3	13086.1	1105.4	13094.4	1105.8	13096.5
GR	1107.1	13146.1	1106.8	13231.8	1105.8	13246.5	1106.9	13296.4	1107.1	13348.3
GR	1105.7	13365.0	1105.7	13381.0	1106.6	13411.0	1105.3	13422.9		
NC	.040	.045	.035							
ET	15.374	9.1	7.1				9832	10390	9822	10770
X1	15.374	92	9832.4	10085.5	540	400	491.44			
GR	1109.9	9821.4	1108.7	9824.0	1101.3	9832.4	1101.3	9833.3	1099.8	9834.5
GR	1095.1	9843.1	1095.6	9879.3	1094.8	9894.1	1094.0	9928.3	1093.8	10008.7
GR	1096.2	10025.3	1098.6	10044.5	1101.9	10085.5	1103.7	10130.8	1100.9	10141.2
GR	1101.2	10190.2	1101.1	10222.8	1100.0	10232.8	1100.4	10239.1	1100.6	10263.2
GR	1101.1	10270.2	1102.0	10295.0	1101.4	10351.6	1103.1	10379.5	1103.6	10390.8
GR	1103.1	10399.7	1102.6	10462.4	1100.8	10473.6	1100.6	10504.5	1101.1	10560.8
GR	1101.0	10594.4	1104.7	10617.7	1101.7	10628.9	1101.6	10756.7	1102.1	10871.3
GR	1101.8	10976.0	1102.9	11028.1	1102.6	11089.9	1100.6	11101.7	1100.7	11127.9
GR	1101.0	11129.8	1100.9	11177.9	1102.1	11228.6	1101.8	11278.7	1102.1	11328.8
GR	1102.9	11370.9	1100.3	11386.4	1103.0	11442.1	1102.9	11446.9	1099.0	11480.4
GR	1099.7	11492.2	1101.4	11509.6	1104.0	11532.1	1101.0	11548.0	1101.0	11581.2
GR	1103.5	11613.3	1104.1	11633.1	1104.6	11679.6	1104.4	11729.7	1104.3	11830.0
GR	1104.7	11930.2	1105.1	12030.4	1105.1	12130.7	1105.8	12230.9	1106.4	12331.1
GR	1106.7	12431.4	1107.1	12481.5	1107.2	12586.9	1107.4	12631.8	1106.9	12646.8
GR	1107.6	12665.1	1105.3	12712.8	1104.0	12730.7	1104.7	12791.0	1104.2	12832.3
GR	1104.6	12916.3	1106.3	12931.1	1107.6	12952.5	1107.7	12961.5	1107.2	12982.6
GR	1106.1	13004.6	1106.2	13024.9	1105.7	13035.9	1105.2	13041.7	1105.2	13082.9
GR	1104.4	13133.0	1104.2	13183.1	1104.8	13233.2	1105.2	13333.5	1107.1	13385.1
GR	1107.3	13394.5	1111.0	13422.7						
ET	15.469	9.1	7.1				9701	10330	9701	10500
X1	15.469	93	9848.4	10077.4	515	440	502.35			
GR	1115.8	9700.0	1106.3	9710.4	1107.1	9724.4	1100.7	9730.4	1098.6	9732.7
GR	1098.6	9778.2	1098.3	9804.2	1097.6	9829.9	1097.5	9848.4	1095.9	9859.7
GR	1095.4	9878.0	1095.7	9907.8	1097.3	9931.3	1097.4	9962.3	1095.3	9970.1
GR	1095.2	9993.4	1099.5	10024.6	1099.7	10035.6	1099.2	10050.8	1099.2	10064.7
GR	1100.4	10077.4	1100.4	10090.4	1099.4	10097.9	1099.7	10101.4	1100.9	10128.5
GR	1101.9	10143.3	1102.5	10170.9	1102.9	10199.4	1102.7	10212.7	1101.7	10226.0

GR	1102.6	10245.2	1103.1	10298.1	1102.8	10339.1	1101.6	10355.5	1101.4	10388.6
GR	1102.2	10399.3	1101.8	10446.1	1101.4	10450.1	1101.0	10475.2	1101.1	10484.9
GR	1102.7	10496.4	1103.0	10500.3	1102.8	10514.1	1103.9	10517.8	1103.8	10525.2
GR	1105.3	10534.5	1104.2	10540.8	1104.5	10553.6	1104.3	10605.3	1104.6	10715.0
GR	1104.4	10786.9	1104.2	10827.8	1104.1	10914.7	1104.4	10964.8	1105.0	11014.9
GR	1104.5	11065.0	1104.2	11172.3	1102.7	11186.3	1101.5	11215.4	1100.8	11254.1
GR	1103.7	11302.5	1103.4	11337.3	1104.5	11365.3	1105.5	11411.7	1104.3	11472.0
GR	1102.2	11519.7	1100.5	11572.6	1100.9	11578.1	1102.2	11611.8	1101.9	11616.7
GR	1102.3	11617.9	1103.9	11640.4	1104.0	11695.2	1104.8	11711.9	1105.3	11714.1
GR	1104.9	11738.9	1105.2	11805.6	1105.1	11852.6	1105.5	11967.0	1106.0	12040.6
GR	1105.9	12181.7	1106.2	12312.2	1106.6	12419.5	1107.2	12526.8	1107.5	12651.7
GR	1108.1	12740.6	1108.6	12768.7	1107.5	12869.0	1106.8	12919.1	1107.6	12969.2
GR	1107.8	13025.5	1107.5	13121.7	1107.6	13245.7				
ET	15.564	9.1	7.1				9539	10220	9539	10300
X1	15.564	95	9935.8	10047.2	520	435	502.28			
GR	1122.2	9538.2	1106.6	9561.9	1102.2	9577.1	1100.7	9582.8	1099.2	9613.0
GR	1099.9	9664.1	1098.8	9765.0	1098.5	9773.9	1097.8	9784.1	1098.7	9794.8
GR	1098.7	9801.0	1099.7	9810.3	1100.2	9816.3	1099.6	9819.3	1100.1	9825.9
GR	1099.9	9861.8	1100.5	9868.6	1100.6	9878.5	1100.3	9892.9	1100.9	9919.7
GR	1101.8	9935.8	1100.8	9946.1	1098.1	9963.2	1096.2	9992.4	1096.7	10018.2
GR	1097.6	10025.9	1103.6	10047.2	1103.3	10059.0	1103.3	10070.9	1105.2	10124.2
GR	1105.2	10165.4	1105.0	10175.3	1103.1	10217.8	1103.5	10229.1	1103.7	10257.2
GR	1104.7	10307.0	1104.2	10342.6	1101.9	10362.8	1101.1	10373.6	1104.0	10384.2
	1104.5	10386.9	1104.0	10412.6	1103.5	10459.2	1108.9	10489.2	1106.1	10500.0
	1105.3	10533.2	1106.0	10645.3	1106.8	10686.5	1106.8	10737.2	1107.6	10837.4
GR	1107.8	10887.5	1107.8	10937.6	1107.3	10979.8	1107.1	11037.9	1107.3	11188.2
GR	1107.1	11218.8	1102.1	11238.3	1101.0	11279.5	1103.8	11304.2	1103.8	11322.3
GR	1104.2	11338.6	1104.7	11370.0	1104.7	11388.7	1103.5	11425.1	1105.5	11448.5
GR	1104.1	11487.6	1103.2	11496.6	1103.7	11539.0	1103.1	11560.7	1103.3	11566.2
GR	1103.8	11571.7	1105.6	11602.4	1106.1	11618.7	1106.5	11625.4	1105.8	11639.6
GR	1105.4	11672.0	1106.0	11688.6	1106.8	11730.5	1107.1	11739.5	1107.4	11906.2
GR	1107.7	12144.2	1107.6	12158.4	1107.7	12160.1	1107.9	12194.2	1107.8	12227.6
GR	1108.3	12284.2	1109.4	12428.6	1109.4	12474.1	1109.6	12486.5	1109.6	12563.6
GR	1109.8	12597.3	1109.7	12609.3	1108.3	12628.3	1108.9	12691.7	1109.1	12764.2
NC	.040	.040	.035							
ET	15.658	9.1	7.1				9446.5	10120	9447	10150
X1	15.658	94	9920.1	10083.7	520	450	496.88			
GR	1112.0	9446.5	1102.9	9461.8	1100.4	9465.5	1099.9	9483.7	1099.2	9525.8
GR	1099.0	9567.9	1099.2	9593.1	1099.1	9623.6	1098.3	9661.4	1099.0	9692.6
GR	1099.6	9731.7	1105.5	9771.5	1104.8	9821.5	1106.7	9842.5	1108.3	9871.1
GR	1107.7	9920.1	1105.9	9948.6	1104.8	9955.5	1100.0	9980.4	1097.1	10019.8
GR	1098.5	10032.1	1099.1	10035.6	1099.1	10047.6	1102.0	10063.9	1103.1	10083.7
GR	1105.1	10102.2	1105.6	10123.1	1105.3	10172.7	1105.7	10224.6	1104.9	10285.3
GR	1108.5	10297.1	1102.3	10314.8	1103.6	10344.9	1104.6	10376.8	1104.1	10404.4
GR	1108.7	10421.4	1109.0	10424.8	1109.1	10479.6	1108.9	10529.0	1109.2	10579.4
GR	1109.3	10629.5	1109.3	10659.2	1109.7	10706.2	1109.4	10729.7	1109.8	10756.5
GR	1109.9	10810.1	1109.9	10847.3	1109.7	10894.4	1110.3	10980.2	1109.8	11030.4
GR	1109.8	11078.1	1109.9	11130.6	1109.1	11168.2	1108.6	11181.1	1108.3	11181.6
	1107.5	11220.8	1104.3	11235.1	1102.8	11283.3	1103.7	11301.1	1104.5	11331.3
GR	1106.5	11371.9	1107.8	11386.7	1106.8	11396.5	1106.2	11416.0	1104.7	11430.3
GR	1104.6	11481.3	1103.0	11511.9	1112.2	11553.9	1110.1	11576.5	1107.0	11618.7
GR	1107.8	11631.6	1108.1	11663.4	1108.7	11681.8	1108.9	11731.8	1108.8	11788.1

GR	1108.7	11832.1	1108.8	11882.2	1108.9	11932.3	1108.9	11982.4	1108.9	12070.3
GR	1109.2	12164.3	1109.4	12232.9	1109.4	12283.0	1109.3	12305.5	1109.4	12333.1
GR	1109.1	12352.5	1108.5	12418.3	1108.4	12483.5	1108.6	12587.7	1108.6	12683.9
GR	1108.6	12734.0	1108.5	12784.1	1109.0	12815.2	1109.8	12846.4		
ET	15.719	9.1	9.1						9385.2	10150
X1	15.719	95	9885.3	10059.7	350	310	322.50			
GR	1111.0	9385.2	1102.4	9398.9	1098.3	9405.4	1099.7	9508.2	1099.8	9558.7
GR	1100.2	9593.1	1101.5	9631.5	1101.6	9640.0	1106.0	9674.1	1106.8	9713.1
GR	1106.8	9755.4	1106.4	9770.7	1105.6	9781.8	1107.9	9798.9	1108.1	9802.8
GR	1108.2	9818.3	1107.6	9843.6	1108.7	9852.4	1109.4	9885.3	1106.4	9899.1
GR	1105.4	9942.2	1094.1	9965.8	1093.7	10015.7	1098.6	10029.2	1098.8	10039.4
GR	1114.5	10059.7	1117.7	10065.0	1119.6	10075.2	1118.7	10102.4	1123.6	10109.0
GR	1128.1	10116.8	1128.5	10122.8	1132.0	10150.4	1132.9	10155.3	1133.7	10161.2
GR	1126.3	10172.4	1105.8	10205.0	1106.5	10225.8	1106.5	10232.4	1106.7	10237.1
GR	1106.7	10249.4	1106.5	10256.5	1105.8	10268.0	1106.1	10274.7	1105.4	10291.1
GR	1105.4	10315.9	1104.6	10354.3	1104.2	10382.4	1104.6	10419.6	1104.4	10422.2
GR	1109.6	10439.6	1110.1	10467.3	1110.1	10568.3	1110.6	10669.0	1111.3	10769.1
GR	1110.6	10858.6	1110.6	10878.9	1111.2	10919.4	1110.7	10964.7	1111.5	11019.5
GR	1111.8	11069.6	1110.7	11128.0	1111.0	11170.1	1109.5	11178.2	1104.8	11207.6
GR	1105.4	11219.8	1105.5	11230.8	1104.0	11261.0	1103.7	11271.4	1105.0	11297.5
GR	1105.2	11318.8	1103.9	11330.4	1104.5	11370.1	1104.3	11412.5	1106.1	11429.7
GR	1108.0	11445.6	1108.6	11487.5	1109.3	11520.3	1109.4	11670.6	1109.4	11779.9
GR	1109.3	11920.9	1109.5	11971.0	1109.6	12071.2	1109.8	12171.3	1109.6	12271.5
GR	1109.7	12321.6	1110.1	12348.9	1110.1	12397.0	1109.1	12471.8	1109.1	12572.0
GR	1109.0	12672.1	1108.7	12822.3	1109.9	12859.5	1110.5	12884.5	1110.3	12907.4
ET	15.814	9.1	9.1						9375	10150
X1	15.814	94	9850.0	10048.8	505	505	502.36			
GR	1117.3	9374.6	1110.9	9384.0	1103.5	9401.9	1100.2	9407.4	1099.5	9412.1
GR	1097.5	9430.4	1098.7	9446.8	1101.3	9473.1	1102.9	9498.5	1103.4	9516.2
GR	1103.1	9522.3	1103.6	9550.0	1105.7	9579.7	1108.1	9598.4	1108.2	9619.8
GR	1108.8	9624.4	1108.2	9630.4	1107.9	9644.3	1107.7	9674.8	1108.2	9740.7
GR	1108.8	9752.5	1108.5	9767.7	1109.1	9784.7	1109.5	9816.0	1109.5	9842.0
GR	1108.9	9850.0	1104.3	9885.7	1103.0	9909.3	1094.9	9926.1	1094.4	9978.0
GR	1099.6	9995.3	1100.3	10014.7	1103.9	10023.6	1115.9	10048.8	1121.6	10060.5
GR	1122.0	10076.5	1121.5	10093.9	1136.0	10122.8	1139.2	10128.8	1145.6	10146.8
GR	1145.1	10156.5	1143.7	10173.9	1143.6	10179.4	1143.2	10180.4	1143.8	10190.4
GR	1136.0	10215.6	1131.3	10229.6	1105.7	10286.7	1103.9	10306.1	1103.5	10324.1
GR	1106.1	10358.1	1106.2	10381.0	1105.5	10402.6	1105.2	10424.2	1105.8	10456.9
GR	1111.8	10476.5	1112.2	10481.8	1111.6	10523.6	1112.2	10582.7	1112.3	10657.2
GR	1112.8	10703.8	1113.0	10834.2	1113.4	10934.3	1109.6	10979.0	1110.1	10985.4
GR	1109.3	11036.9	1109.5	11084.4	1109.0	11134.4	1106.8	11235.0	1105.4	11250.3
GR	1104.4	11331.3	1104.0	11347.4	1103.4	11357.9	1105.3	11364.2	1111.4	11390.3
GR	1111.4	11392.2	1109.7	11410.6	1110.8	11434.7	1111.0	11584.8	1111.1	11684.9
GR	1111.2	11785.0	1111.1	11885.1	1110.7	11985.2	1110.7	12085.3	1111.0	12189.2
GR	1111.3	12285.5	1111.6	12335.5	1112.1	12435.6	1111.0	12485.6	1111.2	12599.3
GR	1111.2	12717.4	1111.2	12836.0	1111.4	12950.2	1111.4	12954.6		

ET	15.909	9.1	9.1						9330	10200
X1	15.909	95	9831.5	10060.0	495	505	499.15			
GR	1125.4	9329.6	1112.7	9346.7	1099.9	9365.8	1100.4	9386.2	1100.9	9439.3
GR	1101.5	9449.8	1105.1	9485.0	1104.7	9533.0	1104.3	9554.2	1106.7	9565.0
GR	1108.5	9575.0	1108.8	9588.8	1107.7	9647.0	1107.0	9651.4	1106.2	9665.7
GR	1108.6	9673.3	1107.0	9682.0	1107.3	9683.9	1108.0	9717.3	1108.7	9739.6
GR	1110.9	9790.9	1110.0	9801.3	1105.9	9813.1	1109.9	9826.2	1108.7	9831.5
GR	1104.9	9854.0	1102.3	9871.8	1099.5	9882.0	1099.7	9900.6	1098.3	9909.9
GR	1099.2	9964.2	1099.4	9991.9	1097.8	10029.6	1100.4	10034.2	1114.1	10060.0
GR	1120.0	10070.1	1121.0	10094.3	1143.5	10143.4	1155.8	10179.6	1159.1	10188.4
GR	1157.9	10200.1	1159.6	10213.4	1153.6	10233.8	1152.7	10241.9	1152.9	10242.7
GR	1153.0	10250.4	1138.1	10294.8	1128.3	10318.9	1118.2	10345.3	1109.4	10371.0
GR	1108.1	10394.0	1107.8	10407.1	1109.4	10461.8	1111.2	10493.9	1111.1	10497.9
GR	1110.4	10501.5	1110.6	10510.7	1111.2	10528.4	1111.5	10547.2	1110.7	10559.4
GR	1110.4	10597.6	1110.6	10629.4	1109.5	10749.1	1108.9	10766.4	1108.7	10782.2
GR	1106.7	10806.8	1108.7	10850.0	1108.9	10899.4	1107.9	10951.5	1106.9	10964.3
GR	1107.0	10993.8	1107.2	10998.3	1106.6	11041.0	1108.2	11075.0	1109.6	11100.1
GR	1110.5	11150.1	1109.8	11166.0	1107.8	11229.1	1108.4	11237.1	1111.1	11252.8
GR	1111.9	11278.9	1111.4	11325.7	1111.4	11347.0	1112.3	11400.1	1112.2	11631.5
GR	1112.2	11824.1	1112.1	12118.8	1112.4	12235.1	1112.7	12350.5	1112.6	12400.5
GR	1112.0	12450.5	1112.6	12703.6	1112.6	12902.9	1112.2	12950.7	1112.4	13044.9
ET	16.004	9.1	9.1						9257	10250
	16.004	94	9830.9	10077.2	505	500	500.65			
	1115.9	9256.5	1110.4	9264.0	1106.5	9270.7	1105.9	9300.2	1104.8	9329.7
GR	1106.0	9344.4	1106.8	9366.4	1107.4	9402.6	1106.9	9417.7	1103.6	9432.1
GR	1103.4	9503.7	1100.7	9518.4	1102.5	9588.5	1102.1	9600.1	1107.9	9645.5
GR	1109.2	9657.7	1109.5	9681.3	1110.0	9697.9	1110.7	9702.9	1110.0	9714.8
GR	1108.9	9727.2	1109.2	9736.4	1108.8	9752.5	1109.2	9807.5	1110.0	9826.9
GR	1108.9	9830.9	1099.7	9845.5	1100.2	9855.2	1100.3	9932.9	1102.2	9941.3
GR	1102.4	9957.6	1100.0	9963.1	1100.8	10006.6	1100.6	10040.6	1104.0	10047.5
GR	1114.9	10066.4	1122.8	10077.2	1123.1	10103.9	1123.6	10107.8	1143.3	10158.0
GR	1163.5	10208.5	1167.5	10241.5	1167.2	10242.6	1166.8	10255.4	1161.9	10277.7
GR	1159.2	10285.6	1158.6	10304.9	1155.4	10314.0	1137.1	10359.9	1115.3	10410.3
GR	1110.9	10425.4	1107.8	10464.2	1107.0	10501.8	1106.5	10516.2	1111.3	10562.4
GR	1111.1	10612.2	1109.7	10680.6	1109.9	10715.0	1109.5	10740.9	1109.4	10759.3
GR	1111.2	10779.8	1111.8	10824.0	1111.1	10864.5	1111.0	10920.0	1110.7	10931.7
GR	1110.2	10938.3	1110.0	10948.3	1109.2	10962.1	1109.7	10965.2	1111.0	10988.5
GR	1113.7	11014.7	1113.5	11015.5	1114.1	11064.6	1114.1	11114.6	1113.3	11264.7
GR	1113.0	11364.7	1112.2	11417.5	1111.3	11445.8	1110.1	11464.7	1110.3	11514.1
GR	1112.5	11528.8	1111.9	11564.7	1111.8	11749.5	1112.0	11964.8	1112.3	12114.8
GR	1112.2	12264.9	1112.5	12364.5	1112.4	12414.9	1112.9	12564.9	1112.9	12631.2
GR	1113.8	12765.0	1113.7	12915.0	1113.4	13015.0	1113.7	13165.1		
ET	16.099	9.1	7.1				9400	10082	9192	10300
X1	16.099	92	9804.0	10081.1	505	495	499.97			
GR	1132.1	9191.9	1126.8	9200.4	1111.0	9233.0	1104.9	9259.9	1105.0	9274.3
GR	1104.8	9282.4	1106.9	9313.0	1108.3	9366.1	1109.2	9418.0	1109.2	9466.8
	1110.2	9517.2	1109.5	9549.3	1109.5	9567.6	1108.4	9606.1	1105.8	9624.0
	1106.1	9629.4	1106.4	9668.4	1106.2	9694.8	1106.5	9705.3	1107.2	9716.8
GR	1106.8	9725.8	1106.6	9752.8	1106.8	9768.3	1106.4	9769.3	1105.5	9804.0
GR	1102.0	9815.8	1100.9	9929.6	1102.0	9942.0	1101.6	10021.2	1100.8	10043.9
GR	1120.7	10081.1	1121.5	10083.0	1122.9	10120.9	1160.4	10222.8	1176.1	10273.2

GR	1177.9	10295.5	1172.6	10323.6	1162.9	10344.4	1159.3	10352.7	1160.0	10368.4
GR	1156.1	10377.4	1137.3	10424.4	1115.3	10474.8	1112.0	10486.0	1110.0	10491.9
GR	1107.4	10518.8	1106.8	10547.6	1106.8	10562.5	1108.2	10573.5	1111.5	10624.5
GR	1114.6	10670.3	1115.2	10686.0	1115.7	10720.9	1115.7	10798.4	1115.3	10820.9
GR	1114.5	10834.1	1113.1	10879.9	1113.3	10936.2	1113.1	10978.8	1111.9	11028.4
GR	1109.9	11050.0	1113.4	11069.5	1113.7	11079.3	1115.5	11104.9	1115.1	11109.6
GR	1115.2	11134.0	1114.9	11177.8	1115.1	11219.4	1114.8	11370.9	1114.1	11429.1
GR	1113.5	11456.5	1111.4	11479.4	1111.7	11481.5	1113.2	11504.1	1113.1	11516.6
GR	1112.4	11531.3	1112.5	11549.4	1113.1	11567.8	1113.4	11729.2	1113.2	11911.4
GR	1113.5	12079.2	1113.9	12179.2	1114.1	12304.0	1114.4	12329.3	1114.1	12501.3
GR	1113.9	12675.5	1114.0	12727.4	1114.2	12746.8	1114.1	12929.3	1114.6	13041.6
GR	1115.1	13090.7	1115.1	13122.1						
ET	16.195	9.1	7.1				9650	10091	9252	10350
X1	16.195	94	9728.6	10090.0	510	505	507.17			
GR	1138.8	9251.5	1115.9	9297.2	1115.9	9317.4	1115.6	9335.3	1115.1	9341.9
GR	1111.9	9350.9	1115.6	9363.0	1115.8	9386.3	1115.5	9465.2	1115.7	9482.3
GR	1115.6	9521.2	1110.6	9534.2	1109.4	9567.0	1110.9	9582.2	1113.3	9615.0
GR	1113.4	9643.8	1109.8	9661.9	1108.3	9690.9	1107.2	9720.8	1105.4	9728.6
GR	1103.0	9740.9	1102.5	9744.3	1104.3	9835.1	1104.6	9885.5	1104.6	9935.9
GR	1103.9	9975.1	1100.8	9984.2	1101.0	10056.9	1111.0	10072.9	1122.5	10090.0
GR	1125.4	10095.8	1126.3	10123.1	1127.3	10126.8	1130.8	10137.5	1149.2	10187.9
GR	1164.2	10238.3	1174.7	10276.1	1181.9	10305.4	1183.9	10336.5	1183.2	10351.6
GR	1183.7	10370.5	1183.2	10384.7	1181.5	10392.1	1172.3	10408.2	1158.7	10429.8
GR	1151.8	10450.2	1152.4	10474.7	1149.8	10481.8	1146.9	10490.4	1142.4	10499.6
GR	1124.1	10540.8	1113.9	10568.2	1112.4	10585.5	1111.6	10591.7	1111.1	10592.4
GR	1109.3	10641.6	1108.9	10649.4	1108.0	10656.2	1112.1	10694.1	1112.5	10708.1
GR	1113.1	10713.7	1114.0	10733.3	1114.3	10767.2	1114.3	10812.6	1114.7	10902.0
GR	1114.1	10944.0	1113.9	10994.4	1114.5	11044.8	1114.8	11106.6	1114.8	11123.1
GR	1114.0	11149.1	1111.1	11158.8	1115.5	11182.8	1116.2	11197.0	1115.6	11222.6
GR	1115.9	11233.6	1116.3	11324.7	1116.3	11395.3	1115.9	11495.4	1114.9	11620.5
GR	1114.6	11645.4	1114.8	11745.4	1115.2	11795.4	1115.2	11945.4	1115.2	12145.4
GR	1115.3	12295.4	1115.3	12345.4	1115.8	12395.4	1116.1	12545.5	1115.6	12695.5
GR	1115.5	12803.9	1115.2	12853.2	1115.3	13045.5	1115.8	13127.4		
ET	16.289	9.1	7.1				9680	10090	9353	10350
X1	16.289	93	9684.2	10089.7	510	500	500.20			
GR	1132.1	9352.4	1130.8	9355.0	1125.6	9369.0	1122.3	9376.4	1117.7	9386.0
GR	1117.0	9446.4	1116.9	9507.7	1117.0	9606.0	1114.4	9625.6	1112.7	9648.1
GR	1111.7	9684.2	1105.8	9698.3	1104.3	9708.5	1104.0	9715.6	1105.3	9799.3
GR	1104.4	9900.1	1105.1	9950.5	1104.5	10000.9	1102.9	10029.6	1100.8	10053.5
GR	1103.3	10058.7	1108.9	10069.3	1121.8	10089.7	1125.8	10097.1	1126.1	10120.6
GR	1126.7	10133.4	1133.6	10158.4	1163.9	10253.0	1164.6	10259.8	1177.0	10303.4
GR	1176.2	10317.7	1176.5	10353.8	1174.4	10381.7	1172.2	10404.2	1168.3	10454.6
GR	1160.4	10471.1	1151.5	10505.1	1145.6	10518.7	1138.7	10539.1	1139.1	10546.2
GR	1139.1	10557.6	1138.1	10562.6	1122.4	10602.5	1119.0	10612.0	1114.6	10625.3
GR	1114.1	10647.8	1113.6	10653.3	1113.3	10697.0	1113.8	10722.5	1115.2	10744.8
GR	1116.1	10857.9	1115.8	11010.5	1115.9	11069.9	1115.6	11110.0	1115.7	11210.4
GR	1115.3	11223.7	1112.9	11252.2	1112.7	11285.0	1116.9	11310.4	1117.3	11334.4
GR	1118.3	11360.4	1118.2	11385.2	1119.2	11460.4	1119.3	11510.4	1118.3	11560.4
GR	1117.4	11582.5	1116.6	11610.4	1116.0	11660.4	1115.4	11810.5	1115.8	11910.5
GR	1115.6	11915.9	1115.9	11925.3	1116.0	11943.6	1117.0	12010.5	1117.4	12110.5
GR	1117.2	12210.5	1116.7	12260.5	1116.8	12310.5	1117.4	12360.5	1117.5	12410.5
GR	1118.0	12452.5	1118.0	12517.6	1117.5	12560.6	1117.6	12655.8	1117.0	12760.6

GR	1117.3	12809.1	1116.8	12810.1	1116.9	12960.6	1116.9	13010.8	1117.4	13018.7
GR	1117.3	13060.0	1117.5	13069.7	1116.7	13106.1				
ET	16.385	9.1	7.1				9690	10107	9392.8	10250
X1	16.385	94	9713.4	10106.4	505	505	506.9			
GR	1132.5	9392.8	1125.5	9412.7	1121.3	9431.2	1121.6	9461.4	1119.4	9518.1
GR	1120.6	9562.2	1119.7	9595.0	1117.6	9611.7	1114.2	9621.4	1113.6	9663.0
GR	1114.5	9713.4	1111.0	9864.7	1105.7	9959.8	1104.7	9966.0	1105.1	10015.9
GR	1103.7	10068.3	1127.1	10106.4	1127.8	10112.1	1128.5	10138.4	1128.6	10158.1
GR	1129.1	10160.7	1149.7	10217.8	1152.8	10227.2	1151.7	10240.3	1151.1	10254.5
GR	1151.6	10272.2	1151.6	10325.1	1152.1	10332.9	1152.3	10370.1	1149.0	10380.2
GR	1148.2	10381.9	1131.7	10410.7	1121.5	10435.4	1121.0	10451.9	1119.5	10466.3
GR	1119.4	10500.9	1119.7	10509.0	1120.7	10520.0	1119.6	10564.4	1119.9	10620.8
GR	1121.6	10647.0	1121.8	10660.4	1120.0	10666.6	1119.5	10667.4	1117.1	10685.5
GR	1116.2	10707.4	1116.5	10738.8	1117.6	10764.8	1117.6	10795.7	1117.4	10800.6
GR	1117.0	10877.7	1117.5	10889.7	1117.3	10910.1	1118.5	10938.8	1118.3	10954.6
GR	1114.3	10969.0	1108.7	10987.1	1108.8	11016.0	1114.0	11048.3	1116.1	11074.5
GR	1116.4	11095.5	1117.4	11128.5	1116.5	11175.3	1116.0	11225.7	1116.4	11246.8
GR	1119.1	11294.9	1120.5	11325.8	1119.4	11335.2	1119.7	11360.0	1121.1	11375.9
GR	1120.8	11381.6	1120.2	11416.5	1120.4	11425.9	1120.1	11441.3	1120.2	11475.9
GR	1119.8	11512.3	1119.1	11575.9	1116.4	11676.0	1116.4	11782.8	1116.8	11831.5
GR	1117.9	11880.3	1118.5	11976.1	1117.9	12000.3	1119.5	12076.1	1119.5	12176.1
GR	1119.2	12226.1	1119.3	12276.1	1119.1	12384.6	1119.5	12476.2	1120.1	12589.9
GR	1119.9	12628.5	1119.2	12658.2	1119.8	12676.3	1119.9	12726.3		
	2	36000	36000							
ET	16.471	9.1	7.1				9720	10180	9307	10263.5
X1	16.471	93	9807.4	10163.0	410	580	453.88			
GR	1137.5	9306.9	1137.5	9316.4	1136.9	9333.2	1136.8	9360.6	1138.1	9406.1
GR	1137.2	9416.4	1136.3	9460.2	1135.2	9484.2	1135.2	9514.1	1134.9	9527.2
GR	1133.5	9541.6	1133.6	9550.8	1133.1	9560.7	1131.5	9569.1	1131.0	9578.7
GR	1127.2	9624.1	1125.2	9662.1	1126.0	9676.4	1124.6	9680.1	1123.5	9685.0
GR	1121.6	9719.4	1116.8	9761.4	1116.8	9765.4	1115.1	9771.1	1113.0	9802.4
GR	1112.0	9807.4	1110.8	9818.8	1109.9	9863.3	1109.4	9872.7	1109.4	9881.8
GR	1108.8	9891.3	1108.4	9921.3	1105.9	9955.5	1105.4	9987.0	1107.7	10024.6
GR	1108.4	10100.4	1110.3	10124.9	1111.9	10153.6	1113.6	10163.0	1114.4	10169.9
GR	1119.3	10179.8	1123.1	10188.3	1133.7	10217.5	1135.2	10263.4	1135.1	10276.2
GR	1132.9	10285.8	1120.3	10319.6	1120.1	10322.9	1120.4	10337.0	1119.1	10392.8
GR	1120.1	10409.2	1120.7	10435.5	1124.5	10493.0	1124.3	10516.1	1124.5	10537.3
GR	1124.4	10550.3	1122.6	10571.9	1121.7	10590.1	1119.0	10624.7	1119.2	10641.3
GR	1119.9	10648.9	1119.2	10656.2	1119.0	10694.7	1122.1	10710.2	1122.9	10720.9
GR	1120.9	10732.1	1119.5	10743.3	1118.9	10856.8	1118.8	10973.3	1118.2	11012.7
GR	1119.5	11116.7	1119.1	11174.7	1119.7	11220.6	1118.3	11293.6	1118.7	11322.3
GR	1119.1	11324.2	1120.1	11374.6	1120.3	11425.0	1119.8	11475.4	1120.4	11519.4
GR	1120.4	11564.1	1121.3	11608.8	1121.1	11727.4	1120.2	11777.8	1121.5	11832.4
GR	1121.1	11878.6	1121.9	11938.3	1120.7	12053.7	1121.0	12145.4	1121.7	12190.1
GR	1121.8	12284.7	1122.3	12342.4	1122.7	12483.4				
NC				0.3	0.5					
	16.482	9.11	9.11						9750	10290

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                    ******************************
                    ***** GRAND AVENUE ***********
                    ***** LOW CHORD = 1126.6 ****
                    ******************************
X1   16.482      95    9781.9   10219.8      45      70    58.08
GR   1140.7   9305.3   1139.9    9363.5  1139.9  9370.4   1138.7   9446.0   1138.7   9449.5
GR   1139.3   9451.2   1138.5    9456.3  1137.2  9528.1   1136.8   9537.1   1137.1   9563.8
GR   1136.6   9616.0   1135.9    9622.7  1134.7  9645.4   1133.3   9704.0   1131.9   9731.2
GR   1130.9   9750.4   1130.6    9765.2  1126.1  9774.7   1122.1   9781.9   1117.0   9795.4
GR   1114.2   9802.5   1111.1    9816.2  1109.7  9859.8   1108.9   9880.3   1108.6   9915.4
GR   1107.7   9931.8   1105.6    9947.6  1105.8  9985.2   1108.0  10015.1   1109.8  10086.8
GR   1108.8  10140.7   1109.1   10210.9  1117.6 10219.8   1119.6  10222.0   1120.1  10266.0
GR   1121.6  10270.4   1126.9   10287.0  1127.5 10289.6   1127.6  10293.3   1127.6  10326.1
GR   1127.6  10334.5   1126.1   10443.1  1125.8 10450.5   1125.8  10455.8   1126.2  10510.5
GR   1124.9  10570.5   1124.9   10577.4  1124.2 10651.5   1124.5  10662.8   1124.1  10687.3
GR   1123.9  10696.8   1123.4   10708.0  1123.0 10739.0   1122.7  10753.8   1122.2  10775.4
GR   1121.9  10780.7   1121.5   10782.6  1119.5 10822.5   1119.4  10838.0   1119.6  10875.6
GR   1118.8  10994.6   1118.6   11064.6  1118.2 11105.9   1117.3  11151.7   1116.3  11206.3
GR   1116.2  11210.6   1117.1   11245.1  1116.8 11253.8   1117.1  11286.7   1118.3  11329.8
GR   1118.3  11349.3   1118.5   11378.5  1118.7 11406.2   1119.3  11448.7   1119.7  11562.0
GR   1120.2  11569.8   1120.5   11673.4  1120.6 11689.2   1120.7  11754.4   1121.0  11817.9
GR   1121.1  11822.8   1122.0   11961.4  1122.4 11986.6   1122.8  12071.0   1123.0  12098.0
GR   1123.1  12149.2   1123.1   12151.2  1123.2 12191.5   1124.0  12254.5   1124.0  12264.5
GR   1124.5  12306.8   1124.8   12337.8  1124.4 12368.0   1124.5  12379.8   1124.1  12402.2

ET   16.506     9.11      9.11                                                 9730    10265
SB    1.05     1.56      2.70       0     400      27   8080.2       3.5     1109     1109
X1   16.506       72    9768.0   10245.4     125     125   126.72
X2        0        0         1    1129.7  1130.6       0       0      1.33        0        0
BT        6     9265    1142.5    1142.5    9745  1136.7  1136.7    9745.1   1136.7   1129.7
BT    10250   1130.6    1123.6   10250.1  1130.6  1130.6 10384.0    1129.2   1129.2
GR   1143.1   9053.0   1142.5    9098.2  1142.5  9101.6   1141.4   9219.0   1139.9   9328.3
GR   1140.0   9334.9   1139.6    9379.4  1139.0  9386.3   1138.3   9448.3   1138.4   9482.6
GR   1138.0   9525.0   1137.9    9526.8  1136.5  9625.1   1135.2   9710.2   1135.3   9731.2
GR   1126.2   9750.8   1124.5    9756.7  1122.2  9768.0   1113.9   9802.5   1112.2   9807.7
GR   1110.1   9853.7   1109.1    9878.2  1107.6  9903.9   1106.7   9917.3   1105.4   9933.8
GR   1105.6   9939.1   1105.9    9960.5  1105.8  9970.9   1106.6   9982.4   1108.1  10007.8
GR   1109.2  10031.5   1110.0   10081.1  1110.5 10104.0   1110.0  10129.9   1110.1  10176.4
GR   1110.7  10177.1   1113.8   10221.4  1122.4 10245.4   1122.5  10247.4   1123.5  10250.2
GR   1128.1  10263.0   1128.4   10265.0  1128.4 10281.1   1128.5  10281.8   1127.8  10351.1
GR   1126.6  10446.0   1125.5   10564.8  1124.7 10654.0   1124.1  10726.7   1123.8  10775.9
GR   1123.5  10814.3   1123.6   10816.6  1123.3 10856.9   1123.3  10871.9   1123.0  10903.5
GR   1122.9  10905.5   1122.6   10987.6  1122.4 11107.4   1122.0  11206.5   1118.3  11230.6
GR   1117.6  11244.9   1118.5   11289.8  1118.6 11315.8   1119.5  11330.5   1119.6  11345.0
GR   1120.1  11374.6   1120.1   11411.2  1122.2 11426.3   1121.8  11440.2   1121.8  11474.4
GR   1121.9  11475.7   1121.8   11575.0

ET   16.514     9.11      9.11                                                 9780    10251
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***** SANTA FE R.R. *********
***** LOW CHORD = 1129.9 ****
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X1   16.514     90   9800.5  10162.5     42     42   42.24
GR   1141.8  9135.6  1141.7   9151.5 1141.8 9221.4  1141.0  9339.9  1140.9  9364.9
GR   1140.4  9449.3  1139.6   9568.0 1139.4 9605.3  1139.3  9630.2  1138.4  9727.1
GR   1137.9  9738.9  1136.7   9784.4 1130.3 9790.7  1117.1  9800.5  1112.1  9813.4
GR   1110.5  9851.3  1109.2   9886.8 1109.1 9893.7  1108.3  9904.4  1107.0  9924.4
GR   1106.1  9936.5  1105.7   9968.6 1107.7 10004.4 1108.3  10008.8 1109.5  10036.3
GR   1110.2  10056.6 1110.9   10097.7 1111.0 10105.8 1110.5  10121.9 1110.6  10124.4
GR   1115.6  10162.5 1115.6   10176.1 1117.4 10197.3 1118.0  10207.7 1119.3  10220.1
GR   1120.6  10233.6 1123.6   10238.6 1130.3 10250.8 1131.0  10257.0 1130.7  10281.2
GR   1131.4  10290.6 1132.8   10317.9 1132.7 10324.3 1129.9  10371.2 1129.7  10373.3
GR   1129.6  10392.4 1128.9   10416.9 1127.8 10434.3 1129.3  10471.9 1129.3  10483.1
GR   1127.5  10530.1 1128.3   10616.3 1128.1 10640.5 1126.6  10649.7 1126.4  10694.2
GR   1126.2  10764.8 1125.7   10775.1 1125.7 10789.6 1125.4  10807.8 1124.6  10867.7
GR   1124.9  10883.9 1124.6   10916.5 1125.3 10941.7 1125.2  10958.5 1124.6  11000.9
GR   1124.7  11042.5 1124.7   11081.1 1124.2 11103.5 1125.2  11109.7 1123.8  11138.6
GR   1123.9  11181.3 1123.3   11190.3 1123.1 11200.6 1123.5  11208.5 1120.7  11219.1
GR   1120.5  11220.7 1117.9   11231.3 1117.0 11238.2 1116.9  11270.8 1117.0  11308.8
GR   1117.2  11329.9 1119.0   11373.0 1120.0 11384.8 1121.0  11395.1 1121.6  11409.5
GR   1122.9  11418.5 1122.7   11463.9 1123.0 11523.3 1123.6  11537.8 1123.4  11564.6

NC    .050     .050    .040
     16.518     9.11    9.11                                          9775    10260
      1.05     1.56     2.6       0     390      72    7100       2  1110.0   1110.0
X1   16.518       81  9817.4  10174.0      40      40      40
X2        0        0       1   1129.9  1132.0       0       0    1.67       0
BT       51     9766    1139          9768.4    1139            9787.4  1139.8
BT   9871.4   1140.9          9888.4  1140.9            9888.5  1140.9          9894.3
BT   1140.9           9984.4  1140.1            9996.5  1140.1          10080.5  1139.2
BT          10092.5  1139.1          10092.6  1139.1           10100.9    1139
BT   10101.     1139          10103.7    1139            10104.1    1139          10116.9
BT   1138.9           10117   1138.8           10119.4  1138.8          10119.5  1138.8
BT          10132.3  1138.7          10132.4  1138.7           10134.9  1138.7
BT   10135.  1138.7          10147.4  1138.6            10147.5  1138.6          10149.9
BT   1138.6           10150   1138.6           10162.8  1138.4          10162.9  1138.4
BT          10165.3  1138.4          10165.4  1138.4           10177.9  1138.3
BT   10178.  1138.3          10180.7  1138.3            10180.8  1138.3          10193.9
BT   1138.1           10194   1138.1           10196.4  1138.1          10196.5  1138.1
BT          10209.3  1138            10209.4  1138             10211.9  1138
BT   10212     1138          10225.2  1137.9            10225.3  1137.9          10227.9
BT   1137.9           10228   1137.8           10241    1137.7          10241.1  1134.7
BT          10330    1132
GR   1140.1  9136.9  1139.9   9146.1 1139.8 9184.2  1139.8  9207.1  1139.7  9277.3
GR   1140.0  9300.3  1140.0   9324.1 1139.7 9330.5  1139.6  9398.9  1138.7  9462.7
GR   1138.3  9466.9  1138.8   9475.7 1138.8 9497.6  1137.0  9593.4  1135.6  9600.7
GR   1135.7  9606.7  1138.0   9637.1 1135.0 9711.2  1134.9  9720.9  1135.3  9729.9
GR   1134.9  9771.3  1134.5   9779.7 1123.4 9791.3  1122.5  9792.0  1119.7  9796.3
     1117.5  9802.4  1113.3   9817.4 1111.9 9821.0  1111.2  9839.2  1110.0  9878.2
     1109.3  9899.0  1109.2   9902.5 1107.3 9925.6  1105.9  9941.2  1105.7  9974.2
GR   1107.6  10000.1 1108.4   10009.3 1110.4 10060.6 1110.7  10079.1 1111.1  10111.2
GR   1111.0  10114.7 1111.9   10121.6 1114.0 10148.6 1115.2  10166.4 1115.2  10174.0
GR   1116.2  10185.5 1118.1   10217.1 1118.1 10225.1 1126.4  10239.4 1131.6  10250.0
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GR	1133.0	10257.8	1132.9	10284.4	1132.9	10314.1	1133.3	10319.4	1132.8	10367.6
GR	1132.8	10378.3	1132.3	10395.9	1131.9	10456.1	1131.6	10473.4	1131.9	10498.8
GR	1131.7	10553.9	1131.5	10569.0	1130.9	10588.0	1131.0	10622.6	1130.6	10641.3
GR	1130.7	10657.4	1130.4	10708.7	1129.9	10712.9	1130.0	10718.0	1129.9	10723.9
GR	1130.0	10726.3	1130.0	10779.2	1129.5	10862.8	1129.0	10871.0	1129.1	10875.8
GR	1129.4	10894.4	1129.4	11004.2	1129.6	11014.1	1129.5	11023.5	1129.2	11153.8
GR	1129.4	11171.4								
NC				0.1	0.3					
ET	16.612	9.1	9.1						9793.5	10286.5
X1	16.612	84	9808.2	10161.2	545	260	499.42			
GR	1127.9	9793.5	1112.1	9808.2	1108.8	9916.8	1109.3	9920.2	1109.8	9926.5
GR	1108.3	9944.2	1108.7	9949.8	1108.9	9958.7	1110.3	9983.6	1109.9	10016.8
GR	1111.6	10034.3	1111.7	10055.6	1112.1	10084.9	1111.7	10105.4	1109.1	10113.2
GR	1109.0	10136.8	1115.6	10161.2	1117.3	10167.6	1122.9	10189.9	1122.9	10198.4
GR	1123.1	10219.0	1123.9	10236.5	1124.5	10279.3	1124.5	10286.5	1124.1	10293.7
GR	1123.5	10310.0	1120.1	10319.6	1117.6	10325.9	1118.3	10331.4	1118.6	10336.5
GR	1117.7	10377.7	1117.6	10386.5	1116.6	10426.9	1116.5	10436.5	1116.9	10486.5
GR	1116.6	10525.2	1116.5	10536.5	1116.4	10574.4	1116.2	10586.5	1115.6	10623.6
GR	1115.7	10636.5	1115.6	10677.3	1122.1	10695.6	1121.1	10702.1	1121.4	10723.8
GR	1121.7	10738.6	1121.7	10748.4	1121.8	10788.7	1125.6	10806.5	1125.6	10818.0
GR	1121.5	10827.9	1122.7	10837.7	1120.9	10840.1	1121.4	10886.5	1121.6	10918.7
GR	1121.7	10936.6	1121.3	10986.6	1121.4	11017.0	1121.0	11036.6	1120.3	11066.2
GR	1119.8	11086.6	1120.5	11115.4	1119.7	11136.6	1119.7	11158.5	1119.2	11186.6
GR	1119.4	11198.8	1118.5	11225.0	1118.2	11247.2	1117.9	11273.5	1118.1	11275.0
GR	1118.5	11296.7	1118.3	11304.3	1118.4	11316.1	1118.5	11334.1	1118.7	11352.2
GR	1118.5	11355.6	1116.1	11376.8	1117.1	11399.9	1117.9	11407.7	1120.2	11421.8
GR	1120.6	11423.7	1122.6	11446.9	1125.2	11472.1	1126.3	11481.4		
ET	16.707	9.1	9.1						9790.4	10276.3
X1	16.707	96	9805.5	10185.4	500	510	500.01			
GR	1127.7	9790.3	1112.6	9805.5	1110.0	9820.3	1110.8	9869.6	1109.9	9920.5
GR	1109.7	9971.3	1111.0	9992.0	1111.4	10009.5	1112.1	10021.2	1113.4	10048.9
GR	1112.0	10054.8	1112.8	10073.1	1112.0	10096.2	1110.7	10099.8	1109.7	10111.5
GR	1109.8	10114.8	1112.1	10129.7	1124.6	10185.4	1123.7	10224.4	1123.8	10261.7
GR	1124.3	10267.4	1124.7	10270.6	1126.5	10276.3	1126.4	10280.1	1123.2	10301.1
GR	1123.2	10304.6	1119.8	10311.0	1112.8	10325.7	1111.1	10334.1	1108.9	10343.6
GR	1109.3	10375.3	1109.3	10525.7	1109.6	10675.7	1109.1	10771.1	1109.6	10815.1
GR	1112.2	10821.4	1119.3	10834.5	1124.5	10842.7	1125.2	10846.3	1123.5	10852.4
GR	1123.8	10872.0	1123.7	10893.4	1124.3	10911.0	1124.2	10926.9	1122.8	10937.1
GR	1123.0	10958.4	1126.1	10963.0	1123.6	10969.6	1122.2	10974.0	1123.8	10981.3
GR	1123.0	11029.8	1122.6	11081.9	1122.4	11186.1	1122.3	11266.8	1122.5	11394.5
GR	1122.4	11498.6	1122.4	11550.7	1122.2	11607.6	1122.0	11612.0	1122.8	11648.8
GR	1122.5	11654.9	1122.3	11657.3	1119.5	11666.6	1118.3	11672.4	1118.3	11687.6
GR	1117.3	11702.5	1116.6	11714.1	1117.0	11738.1	1116.2	11740.9	1116.2	11749.7
GR	1115.3	11754.1	1114.7	11772.4	1113.3	11789.6	1112.0	11801.7	1112.5	11811.3
GR	1109.7	11829.9	1107.7	11859.4	1109.2	11865.4	1110.6	11879.9	1110.5	11898.8
GR	1110.3	11904.9	1113.1	11918.7	1123.4	11958.5	1124.1	11970.0	1123.4	11982.6
GR	1123.4	11997.7	1122.9	12015.2	1122.8	12016.7	1121.8	12047.1	1119.6	12083.8
GR	1123.7	12108.9	1127.9	12130.3	1128.3	12135.7	1128.3	12149.5	1127.7	12159.3
GR	1129.4	12167.8								

ET	16.801	9.1	7.1				9800	10200	9711.5	10200
X1	16.801	92	9810.5	10182.3	495	495	498.39			
GR	1128.4	9711.5	1112.7	9810.5	1113.3	9820.9	1113.5	9826.8	1112.0	9870.5
GR	1112.2	9921.5	1110.7	9972.7	1110.1	10023.8	1108.9	10041.2	1111.0	10053.7
GR	1110.2	10074.9	1111.1	10120.7	1128.1	10182.3	1126.3	10227.9	1127.6	10277.9
GR	1127.6	10327.8	1126.0	10354.0	1124.4	10360.8	1122.2	10367.3	1123.6	10375.9
GR	1130.2	10403.1	1127.0	10429.4	1126.0	10462.9	1126.8	10519.3	1126.7	10633.4
GR	1126.0	10640.2	1125.7	10669.9	1125.5	10801.5	1123.5	10868.3	1124.0	10873.4
GR	1125.6	10875.9	1125.0	10877.2	1125.3	10908.2	1124.1	10926.5	1124.8	10946.3
GR	1122.3	10951.3	1124.0	10960.1	1124.0	10995.9	1124.9	11013.7	1124.2	11021.6
GR	1125.3	11027.4	1123.7	11034.4	1123.7	11053.3	1125.3	11064.1	1124.9	11065.5
GR	1123.6	11083.5	1123.5	11255.7	1123.4	11411.4	1123.1	11613.6	1123.3	11798.9
GR	1122.6	11910.1	1124.2	11924.6	1124.3	11938.8	1121.0	11964.2	1120.9	11972.8
GR	1119.5	11990.9	1118.5	12018.6	1117.0	12040.1	1121.9	12066.5	1121.3	12069.7
GR	1115.3	12085.5	1115.0	12104.9	1113.3	12146.6	1112.8	12307.4	1112.1	12329.9
GR	1113.9	12347.0	1113.7	12367.5	1114.6	12426.9	1107.9	12447.2	1102.7	12461.4
GR	1104.1	12519.7	1106.1	12553.5	1109.8	12566.1	1110.8	12588.3	1116.3	12606.4
GR	1120.0	12622.2	1124.8	12634.5	1123.8	12674.2	1121.3	12702.3	1121.3	12706.7
GR	1129.2	12729.1	1129.9	12737.1	1129.7	12743.5	1127.9	12751.1	1129.6	12755.7
GR	1129.3	12766.7	1127.5	12777.0	1123.3	12792.8	1127.5	12821.0	1130.4	12903.8
GR	1131.6	12913.0	1132.2	12927.3						
ET	16.895	9.1	9.1						9810.8	10200
	16.895	93	9829.7	10177.6	500	505	494.89			
	1128.9	9810.8	1113.2	9829.7	1112.8	9851.0	1113.8	9923.2	1112.9	9957.7
GR	1111.1	9970.4	1109.8	10008.7	1112.0	10023.7	1111.0	10038.4	1109.9	10048.4
GR	1110.3	10071.1	1113.1	10084.6	1114.7	10126.3	1111.4	10142.4	1120.9	10177.6
GR	1129.4	10200.9	1128.5	10225.5	1128.3	10279.6	1127.6	10330.6	1127.6	10405.7
GR	1126.2	10488.7	1125.7	10531.2	1125.9	10578.2	1127.0	10597.1	1125.3	10714.9
GR	1125.5	10732.4	1126.0	10738.6	1125.3	10797.5	1124.7	10889.7	1125.3	10981.3
GR	1124.6	11072.6	1125.4	11096.6	1126.7	11118.7	1125.0	11135.3	1124.1	11139.0
GR	1125.2	11158.3	1125.1	11228.0	1124.9	11242.4	1124.6	11245.4	1125.8	11249.0
GR	1127.1	11259.1	1124.6	11268.8	1124.6	11343.2	1124.8	11359.5	1124.5	11405.2
GR	1126.1	11467.8	1130.0	11490.5	1131.6	11504.3	1133.2	11512.1	1134.7	11517.2
GR	1133.1	11521.4	1130.5	11532.6	1127.4	11552.3	1126.1	11558.9	1125.7	11653.5
GR	1125.4	11661.0	1125.7	11667.2	1125.6	11820.7	1125.3	12003.3	1125.2	12192.1
GR	1125.0	12416.8	1124.4	12457.8	1125.1	12515.2	1124.3	12526.1	1126.2	12539.4
GR	1125.6	12563.5	1125.9	12600.5	1115.5	12645.2	1115.0	12660.2	1115.0	12685.6
GR	1115.3	12689.7	1117.3	12699.4	1117.6	12706.3	1116.6	12710.7	1116.0	12716.7
GR	1115.5	12775.7	1114.2	12827.8	1114.7	12850.1	1114.8	12867.9	1117.6	12900.4
GR	1121.2	12934.0	1124.4	12958.5	1125.7	12972.6	1126.9	12990.6	1128.2	13003.4
GR	1129.6	13033.3	1130.5	13099.0	1130.0	13173.2	1130.4	13200.3	1129.9	13214.7
GR	1128.2	13236.0	1129.0	13242.3	1130.1	13283.3				
ET	16.990	9.1	9.1						9725.4	10150
X1	16.990	94	9810.0	10135.4	495	475	500.20			
GR	1157.3	9725.4	1157.1	9748.5	1113.3	9810.0	1112.4	9829.0	1115.1	9867.1
GR	1112.0	9880.5	1110.9	9928.1	1111.5	9994.8	1115.0	10039.8	1114.4	10097.1
	1118.5	10108.0	1118.5	10118.8	1121.6	10128.1	1125.6	10135.4	1132.6	10146.3
	1130.4	10170.5	1130.8	10182.4	1124.6	10201.0	1122.2	10231.9	1122.1	10282.5
GR	1123.2	10329.7	1129.1	10340.5	1124.0	10350.5	1124.0	10382.8	1132.1	10397.2
GR	1128.4	10411.7	1126.7	10420.9	1126.1	10573.0	1127.9	10648.2	1127.9	10866.8
GR	1128.0	11032.5	1127.6	11073.1	1128.1	11082.5	1127.8	11137.2	1126.4	11140.9

GR	1128.0	11189.2	1127.6	11250.5	1126.3	11293.3	1127.0	11338.2	1126.5	11403.1
GR	1127.4	11410.4	1126.6	11445.7	1127.3	11465.2	1127.6	11519.1	1128.1	11532.8
GR	1127.6	11586.4	1126.8	11609.9	1126.7	11843.9	1126.8	11988.7	1129.0	12041.8
GR	1125.8	12048.3	1128.5	12056.1	1127.1	12097.2	1127.8	12170.8	1124.8	12180.6
GR	1119.2	12188.4	1116.2	12191.6	1111.2	12195.4	1090.6	12206.1	1092.1	12285.4
GR	1093.9	12332.8	1101.0	12334.5	1112.0	12337.1	1125.2	12341.0	1125.1	12367.4
GR	1125.8	12393.1	1124.4	12431.4	1123.9	12507.9	1123.2	12529.8	1123.6	12585.8
GR	1127.2	12630.0	1136.9	12660.9	1128.6	12676.3	1127.0	12692.1	1125.9	12746.2
GR	1127.9	12795.1	1130.4	12813.6	1130.5	12826.3	1128.3	12904.8	1129.2	12916.6
GR	1127.6	12934.8	1125.7	12966.4	1126.6	12979.5	1125.4	13179.1	1126.4	13287.4
GR	1124.9	13341.6	1125.6	13503.0	1125.2	13561.0	1120.4	13574.0	1121.1	13632.4
GR	1128.6	13654.8	1128.6	13664.2	1130.6	13675.3	1130.2	13709.1		
ET	17.085	9.1	9.1						9678.3	10150
X1	17.085	94	9735.7	10112.8	570	430	500.75			
GR	1154.5	9678.3	1153.4	9687.0	1152.5	9687.8	1153.4	9692.1	1121.8	9735.7
GR	1119.1	9786.4	1116.9	9880.2	1112.2	9896.4	1111.5	9936.4	1111.9	9973.1
GR	1114.8	9994.6	1114.6	10009.2	1113.6	10018.0	1115.9	10099.0	1122.4	10112.8
GR	1120.8	10117.6	1120.9	10126.5	1133.5	10150.6	1132.7	10261.5	1131.2	10286.5
GR	1131.9	10293.3	1131.9	10303.3	1129.6	10333.1	1129.4	10341.4	1127.1	10353.4
GR	1128.6	10362.6	1128.0	10381.3	1129.5	10398.7	1126.9	10412.9	1127.1	10430.8
GR	1130.9	10472.3	1130.2	10489.1	1129.0	10605.7	1129.8	10636.5	1130.6	10819.2
GR	1131.5	10856.6	1129.9	10902.4	1130.4	10936.6	1132.7	10973.6	1129.2	11106.7
GR	1131.6	11122.5	1129.9	11129.6	1130.2	11233.1	1128.1	11394.9	1130.3	11456.2
GR	1128.6	11513.4	1129.7	11668.0	1128.7	11725.6	1129.3	11741.5	1127.1	11748.6
GR	1126.6	11772.7	1129.9	11783.4	1129.8	11795.7	1127.5	11800.8	1122.8	11814.8
GR	1121.8	11820.9	1120.9	11839.5	1113.8	11873.1	1104.9	11883.9	1097.2	11913.5
GR	1094.5	11946.1	1093.3	12056.3	1093.2	12174.4	1091.0	12298.3	1090.4	12412.9
GR	1088.9	12445.5	1091.5	12520.3	1092.5	12579.5	1103.1	12601.4	1118.0	12621.3
GR	1125.1	12629.8	1126.8	12675.5	1127.8	12689.0	1139.4	12733.1	1128.4	12757.2
GR	1127.7	12828.0	1128.2	12867.1	1127.4	12902.6	1128.3	12936.4	1127.4	12988.1
GR	1125.9	12994.4	1124.8	13043.2	1127.7	13053.4	1126.9	13103.6	1127.1	13335.6
GR	1126.0	13555.0	1127.2	13654.8	1125.9	13875.3	1125.9	13910.8	1122.1	13926.4
GR	1124.4	13982.2	1129.1	14001.2	1130.6	14004.5	1130.5	14037.8		
ET	17.180	9.1	7.1				9630	10150	9468.1	10150
X1	17.180	93	9711.4	10113.3	645	350	501.73			
GR	1157.1	9468.1	1153.8	9481.2	1151.2	9505.3	1145.1	9539.1	1125.4	9573.9
GR	1126.9	9615.3	1124.6	9655.2	1125.6	9668.2	1124.8	9711.4	1115.4	9813.1
GR	1112.2	9825.6	1114.3	9881.2	1123.1	9900.8	1120.0	9914.3	1115.0	9927.8
GR	1113.5	9941.2	1115.6	10035.3	1121.0	10080.9	1124.8	10096.6	1130.9	10113.3
GR	1132.8	10150.1	1139.9	10170.3	1146.4	10181.3	1144.4	10193.2	1142.6	10196.2
GR	1150.8	10223.9	1144.5	10238.5	1142.2	10250.9	1140.8	10252.2	1140.0	10265.1
GR	1141.0	10270.7	1139.5	10288.1	1142.5	10297.4	1154.3	10327.3	1159.6	10347.7
GR	1155.0	10356.6	1156.6	10364.6	1156.1	10369.2	1149.7	10383.0	1136.3	10403.2
GR	1135.8	10410.5	1133.4	10419.5	1133.3	10428.8	1130.3	10443.1	1131.7	10568.3
GR	1139.4	10588.4	1136.6	10592.6	1137.7	10612.5	1137.5	10646.2	1134.2	10651.8
GR	1133.3	10693.3	1132.0	10701.0	1130.7	10992.1	1131.1	11183.3	1129.8	11278.8
GR	1130.7	11327.6	1127.9	11430.2	1127.6	11466.3	1123.7	11542.6	1128.5	11554.2
GR	1127.1	11779.9	1096.6	11809.7	1093.7	11928.0	1093.7	12096.5	1092.0	12208.9
GR	1093.0	12235.6	1089.7	12341.7	1091.4	12349.6	1090.3	12374.0	1087.7	12388.3
GR	1088.0	12397.0	1089.5	12400.7	1122.6	12434.9	1127.4	12438.7	1127.9	12591.4
GR	1137.0	12652.0	1143.7	12680.5	1132.5	12701.2	1128.7	12750.2	1128.4	12822.4
GR	1129.6	12835.7	1128.0	12917.8	1129.2	12933.9	1127.3	13191.5	1127.5	13501.1

GR	1127.1	13782.0	1127.4	14055.4	1127.7	14065.6	1124.3	14076.4	1125.3	14141.8
GR	1126.6	14148.2	1131.2	14157.8	1131.0	14190.4				
ET	17.277	9.1	7.1				9525	10230	9081.6	10370
X1	17.277	92	9799.9	10208.3	700	305	512.16			
GR	1151.0	9081.6	1151.7	9103.7	1141.6	9165.0	1129.9	9180.0	1129.9	9227.7
GR	1128.7	9236.5	1128.5	9251.0	1130.3	9270.6	1127.7	9290.2	1129.8	9306.4
GR	1125.5	9320.9	1122.1	9339.3	1121.9	9397.5	1116.9	9556.3	1117.6	9624.0
GR	1120.8	9638.5	1120.8	9799.9	1122.4	9833.3	1115.1	9848.2	1119.0	9886.4
GR	1118.3	9987.5	1119.0	10008.3	1115.8	10026.1	1113.7	10074.8	1115.3	10091.2
GR	1119.2	10102.5	1116.7	10126.2	1119.7	10131.9	1119.9	10173.1	1121.5	10193.8
GR	1126.2	10208.3	1125.8	10223.3	1121.6	10232.5	1121.3	10260.0	1123.5	10311.7
GR	1127.2	10334.1	1127.7	10361.7	1128.6	10367.6	1125.2	10387.4	1123.6	10412.9
GR	1128.8	10448.5	1128.8	10527.3	1129.8	10538.0	1129.2	10567.7	1132.7	10820.8
GR	1130.8	11078.5	1130.4	11245.8	1129.3	11270.5	1133.8	11280.3	1129.6	11297.1
GR	1106.3	11342.5	1107.9	11478.6	1126.0	11555.1	1128.1	11599.8	1131.0	11614.1
GR	1129.0	11628.8	1128.9	11703.5	1115.6	11717.2	1090.0	11749.9	1091.9	11775.6
GR	1094.4	12031.7	1088.7	12294.0	1087.6	12320.9	1109.3	12339.8	1133.0	12358.3
GR	1130.8	12364.6	1133.9	12399.5	1138.4	12425.8	1141.3	12434.2	1131.9	12455.6
GR	1130.0	12490.0	1129.3	12646.1	1131.5	12666.9	1129.1	12740.9	1130.0	12754.4
GR	1128.5	13010.6	1128.2	13270.8	1128.0	13530.9	1128.4	13829.0	1128.0	13932.6
GR	1125.4	13941.2	1125.4	13966.4	1128.7	13976.8	1128.2	13987.5	1124.8	14006.3
GR	1123.3	14124.7	1128.6	14156.4	1128.5	14163.0	1130.1	14168.9	1127.9	14179.7
GR	1132.0	14191.6	1131.9	14233.7						
	17.370	9.1	7.1				9350	10208.5	8536.2	10208.5
X1	17.370	92	9740.4	10160.5	635	270	487.12			
GR	1166.2	8536.2	1167.8	8566.8	1166.4	8583.8	1147.3	8683.5	1143.3	8720.1
GR	1140.3	8730.7	1138.9	8820.3	1136.7	8830.6	1142.4	8851.2	1139.9	8861.9
GR	1136.4	8925.1	1132.0	8939.1	1132.0	8948.3	1133.2	8952.8	1133.8	8979.9
GR	1123.9	8996.6	1121.6	9052.0	1120.9	9169.4	1122.9	9185.3	1124.0	9256.2
GR	1125.2	9430.6	1117.9	9464.5	1119.1	9554.7	1122.9	9574.2	1121.9	9579.1
GR	1124.2	9724.4	1120.5	9740.4	1117.4	9856.0	1118.3	9871.9	1116.0	9894.1
GR	1115.2	9924.2	1116.2	9948.2	1115.6	9969.7	1118.0	9996.7	1120.1	10009.8
GR	1121.3	10033.3	1118.8	10037.0	1118.4	10063.5	1124.4	10160.5	1131.3	10177.8
GR	1130.7	10179.7	1132.8	10196.0	1138.0	10208.5	1133.5	10277.0	1133.2	10463.3
GR	1130.2	10479.0	1130.3	10514.9	1133.0	10566.8	1131.5	10838.7	1130.5	10910.4
GR	1133.9	10918.2	1126.0	10949.4	1107.1	10994.7	1106.6	11234.0	1110.7	11310.0
GR	1111.9	11501.0	1101.2	11521.3	1102.3	11612.0	1111.6	11637.0	1091.3	11668.4
GR	1090.3	11681.8	1090.7	11738.0	1086.7	11884.0	1089.2	11893.0	1086.6	11897.7
GR	1092.8	11962.9	1091.8	11981.2	1092.8	11985.0	1129.3	12013.9	1129.3	12034.1
GR	1140.8	12093.5	1147.4	12123.9	1147.8	12136.9	1131.0	12187.9	1129.9	12468.7
GR	1129.9	12552.3	1131.0	12574.3	1129.4	12866.8	1129.0	13199.4	1128.5	13311.6
GR	1126.6	13341.2	1126.3	13408.0	1128.4	13429.9	1128.4	13462.6	1124.0	13538.8
GR	1124.3	13795.3	1125.0	14054.1	1126.5	14076.9	1130.4	14106.8	1128.6	14115.6
GR	1132.6	14129.9	1132.4	14168.9						
ET	17.458	9.1	7.1				9280	10250	8689.6	10450
X1	17.458	92	9370.6	10225.3	485	350	466.91			
	1137.5	8689.6	1134.6	8719.5	1138.8	8738.2	1138.3	8746.5	1132.8	8765.0
	1132.5	8786.3	1136.5	8797.0	1135.7	8812.4	1132.6	8846.8	1146.8	8948.8
GR	1137.6	8976.0	1137.4	9003.3	1130.1	9014.1	1126.1	9023.7	1121.7	9049.0
GR	1121.4	9062.9	1123.1	9069.1	1123.0	9091.0	1121.4	9095.5	1125.3	9174.2
GR	1123.9	9242.4	1126.0	9291.7	1125.2	9300.9	1126.4	9370.6	1119.7	9388.4

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GR   1118.6    9489.5    1122.0    9525.5    1119.9    9829.2    1120.4    9840.3    1116.5    9847.2
GR   1118.6    9925.1    1121.7    9935.7    1119.6    9939.4    1120.4    9962.7    1124.5    9978.6
GR   1128.1   10094.0    1125.2   10109.8    1128.1   10171.2    1127.7   10217.9    1129.3   10225.3
GR   1125.1   10246.2    1125.2   10254.6    1130.8   10271.4    1128.7   10284.2    1129.0   10345.0
GR   1131.8   10357.4    1134.6   10442.8    1133.4   10459.5    1136.5   10467.5    1132.9   10480.5
GR   1123.2   10589.7    1119.1   10603.6    1117.6   10659.7    1118.4   10675.0    1113.7   10691.1
GR   1113.3   10706.4    1117.4   10722.8    1113.5   10786.6    1110.8   10803.4    1107.4   10929.4
GR   1112.4   11229.4    1111.8   11307.7    1095.5   11325.7    1094.8   11383.2    1096.6   11445.3
GR   1091.5   11460.7    1091.2   11474.0    1092.6   11478.9    1091.4   11483.8    1092.6   11484.8
GR   1095.0   11527.9    1092.8   11590.0    1134.9   11640.7    1147.3   11704.2    1131.9   11737.5
GR   1130.9   12038.7    1131.0   12346.0    1131.0   12565.0    1130.1   12892.2    1130.7   13055.7
GR   1127.3   13066.0    1127.5   13084.7    1131.6   13098.9    1128.5   13100.4    1126.8   13108.6
GR   1129.6   13120.3    1131.2   13453.4    1131.0   13777.2    1130.4   14088.7    1129.6   14116.9
GR   1133.3   14132.7    1133.3   14165.7
   GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-
   EFFECTIVE FLOW AREA BETWEEN SECTIONS 17.548 TO 18.653.

ET   17.548       9.1       7.1                                 9246.6     10310    8808.5   10334.4
X1   17.548        92    9246.7   10256.0       465       445   472.50
GR   1137.7    8808.5    1138.3    8854.7    1137.7    8864.7    1133.7    8890.2    1133.5    8982.2
GR   1126.6    9001.3    1124.3    9032.9    1127.1    9050.5    1125.2    9062.5    1127.1    9094.0
GR   1125.3    9119.1    1124.6    9147.3    1120.4    9154.7    1121.9    9182.8    1129.0    9203.0
GR   1125.2    9217.0    1126.8    9246.7    1127.7    9251.1    1122.0    9277.8    1122.0    9284.7
GR   1122.0    9321.0    1122.0    9326.5    1122.0    9361.3    1122.0    9373.9    1122.0    9393.2
GR   1122.0    9430.1    1122.0    9444.3    1122.0    9460.8    1122.0    9528.5    1122.0    9637.3
GR   1122.0    9775.7    1122.0    9798.4    1122.0    9818.3    1128.0    9831.6    1130.8    9843.9
GR   1126.2    9866.7    1127.0    9929.9    1126.6    9940.0    1132.4    9960.0    1129.9    9970.3
GR   1128.8   10120.9    1127.2   10152.8    1128.0   10204.1    1130.3   10232.8    1136.2   10256.0
GR   1135.4   10267.4    1136.2   10271.2    1136.1   10316.0    1134.7   10323.7    1137.9   10334.4
GR   1134.7   10346.3    1110.9   10406.9    1110.6   10467.5    1112.4   10553.7    1111.3   10565.7
GR   1109.2   10715.0    1109.7   10736.4    1107.4   10807.1    1105.0   10849.8    1105.4   10873.1
GR   1106.6   10889.1    1105.9   10925.1    1108.5   11020.0    1108.6   11047.4    1107.4   11133.5
GR   1108.9   11204.5    1111.2   11269.0    1113.3   11349.1    1128.8   11391.7    1130.1   11454.0
GR   1131.4   11488.8    1132.7   11560.6    1132.2   11814.2    1132.1   12081.6    1132.9   12368.9
GR   1132.9   12640.5    1133.3   12792.3    1132.6   12824.7    1133.0   13005.5    1132.2   13041.9
GR   1132.7   13067.5    1128.7   13077.8    1128.4   13098.0    1131.5   13108.3    1129.9   13112.6
GR   1132.1   13373.9    1133.6   13629.5    1132.4   13969.5    1131.3   14112.7    1130.2   14121.2
GR   1134.6   14137.9    1134.6   14168.6

QT       2     37500     37500
ET   17.638       9.1       7.1                                    9285     10360    8744.2   10386.4
X1   17.638        95    9774.7   10288.4       490       450   476.45
GR   1139.1    8744.2    1138.7    8811.6    1135.9    8827.7    1135.6    8945.5    1136.7    8959.6
GR   1137.0    9056.9    1139.6    9082.2    1137.1    9098.5    1132.9    9176.5    1132.9    9197.8
GR   1130.0    9207.3    1130.0    9242.4    1130.0    9258.8    1130.3    9270.5    1130.0    9293.0
GR   1130.0    9313.8    1130.0    9348.6    1130.0    9445.5    1130.0    9464.8    1133.5    9483.8
GR   1130.0    9498.2    1130.0    9545.3    1130.0    9556.0    1130.0    9566.8    1130.0    9589.7
GR   1130.0    9610.2    1130.0    9612.2    1130.0    9695.5    1130.0    9750.6    1130.0    9768.6
GR   1130.8    9774.7    1130.0    9798.8    1130.0    9831.0    1130.0    9911.6    1131.0    9927.0
GR   1130.0    9938.1    1130.0    9966.8    1131.7    9977.6    1130.0   10002.0    1130.0   10049.6
GR   1130.0   10100.5    1132.1   10124.7    1130.1   10136.8    1132.3   10166.7    1133.3   10195.3
GR   1133.7   10274.7    1134.6   10288.4    1133.2   10316.0    1134.7   10324.9    1136.3   10359.3
GR   1135.6   10373.5    1139.6   10386.4    1134.4   10413.9    1126.8   10420.6    1111.3   10442.5
GR   1110.6   10451.1    1108.6   10458.0    1106.8   10460.6    1107.9   10551.4    1110.5   10612.2
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GR	1108.3	10646.4	1107.1	10711.3	1107.3	10794.1	1106.4	10810.0	1108.4	11000.6
GR	1123.6	11024.4	1136.5	11040.6	1134.4	11063.6	1138.3	11074.3	1132.3	11096.7
GR	1133.8	11110.6	1133.4	11218.3	1134.9	11254.8	1134.2	11502.9	1134.1	11714.3
GR	1133.7	11962.3	1134.9	12189.4	1135.0	12393.4	1135.0	12643.3	1134.4	12877.2
GR	1134.2	13094.3	1134.1	13099.2	1129.9	13109.2	1130.4	13128.3	1133.2	13138.4
GR	1131.3	13142.8	1132.2	13161.0	1134.1	13405.8	1135.7	13615.4	1137.5	13723.0
GR	1134.9	13943.6	1132.8	14141.9	1131.9	14149.9	1136.0	14166.5	1136.1	14187.2
ET	17.730	9.1	7.1				9330	10360	8355	10373.1
X1	17.730	94	9727.0	10246.8	475	490	486.34			
GR	1140.1	8354.5	1137.5	8392.6	1136.5	8588.9	1133.1	8598.6	1133.5	8619.0
GR	1137.2	8631.3	1138.0	8762.1	1139.8	8834.8	1137.9	8871.8	1136	8888.3
GR	1136	8944.8	1136	8965.8	1136	8987.4	1136	9015.0	1136	9067.5
GR	1136	9082.1	1136	9138.1	1136	9150.3	1136	9174.6	1136	9186.5
GR	1136	9198.1	1136	9208.6	1136	9228.6	1136	9241.9	1136	9279.0
GR	1136	9324.9	1136	9375.0	1136	9468.9	1136	9542.5	1136	9566.8
GR	1136	9586.6	1136	9611.2	1136	9617.5	1136	9640.2	1136	9660.6
GR	1136	9699.5	1136.7	9719.3	1136.4	9727.0	1130.0	9748.6	1130.0	9794.8
GR	1130.0	9803.0	1130.1	9851.1	1130.0	9887.4	1130.0	9924.6	1130.0	9951.1
GR	1130.7	9961.2	1130.0	9968.7	1130.0	9994.6	1130.0	10014.1	1130.0	10093.7
GR	1134.6	10135.4	1134.4	10246.8	1135.8	10298.8	1137.6	10309.3	1137.5	10342.5
GR	1136.2	10354.8	1141.5	10373.1	1114.5	10402.1	1101.6	10414.2	1100.5	10445.3
GR	1101.3	10516.9	1099.8	10614.2	1137.4	10651.8	1136.3	10666.4	1135.8	10784.7
GR	1136.8	10811.2	1117.8	10830.8	1118.7	10946.9	1117.6	11110.5	1115.9	11130.2
	1119.5	11143.9	1129.7	11173.3	1130.4	11201.8	1135.8	11220.8	1135.7	11473.3
	1136.2	11531.5	1139.4	11540.5	1136.0	11553.7	1136.8	11804.4	1136.5	12068.6
GR	1136.6	12356.2	1136.4	12629.4	1135.8	12911.9	1135.8	13152.8	1132.3	13161.7
GR	1131.8	13184.8	1134.4	13193.2	1133.6	13199.0	1135.9	13473.6	1138.3	13727.4
GR	1136.3	14011.6	1134.1	14214.3	1137.8	14229.4	1138.4	14262.0		
NC	.045	.050	.035							
ET	17.821	9.1	7.1				9385	10270	8350	10270
X1	17.821	92	9764.8	10227.7	475	480	478.24			
GR	1142.2	8181.7	1138.9	8323.3	1139.0	8357.4	1140.1	8379.7	1138.9	8433.5
GR	1133.6	8448.4	1133.8	8481.3	1138.1	8495.5	1139.6	8524.0	1139.8	8553.7
GR	1137	8680.0	1137	8706.9	1137	8728.5	1137	8806.5	1137	8864.8
GR	1137	8885.8	1137	8935.3	1137	8954.3	1137	8999.6	1137	9015.8
GR	1137	9029.4	1137	9041.5	1137	9061.5	1137	9075.0	1137	9101.1
GR	1137	9121.6	1137	9152.6	1137	9190.6	1137	9205.7	1137	9239.3
GR	1137	9292.3	1137	9302.1	1137	9314.9	1137	9374.8	1137	9394.9
GR	1137	9478.4	1137	9520.7	1137	9615.2	1137	9666.0	1137	9703.0
GR	1137	9750.4	1137	9764.8	1130.0	9788.3	1130.0	9908.4	1133.2	9922.3
GR	1130.0	9938.1	1130.0	10013.2	1130.0	10026.1	1130.0	10055.6	1130.0	10120.9
GR	1130.9	10131.5	1131.9	10156.1	1136.0	10173.4	1137.0	10180.8	1130.4	10207.4
GR	1138.7	10227.7	1137.2	10236.0	1136.3	10321.5	1134.1	10334.8	1133.3	10358.4
GR	1132.5	10362.9	1132.2	10403.1	1133.6	10425.1	1133.8	10683.3	1133.9	10747.7
GR	1132.3	10790.0	1138.8	10814.3	1137.7	10865.9	1137.8	11062.6	1148.0	11086.7
GR	1138.6	11108.9	1138.1	11397.3	1138.1	11667.3	1138.6	11927.3	1138.9	12352.4
GR	1138.2	12639.4	1137.5	12965.5	1137.1	13225.2	1137.0	13271.7	1134.3	13279.9
	1134.1	13307.6	1137.0	13316.7	1135.6	13320.9	1136.5	13346.2	1138.0	13614.0
	1141.1	13886.5	1140.1	14151.7	1139.5	14364.5	1142.8	14390.0	1143.4	14431.5
GR	1146.2	14445.9	1146.2	14449.6						

ET	17.910	9.1	7.1				9430	10475	8380	10930
X1	17.910	92	9739.8	10288.0	445	400	474.74			
GR	1142.7	8090.5	1141.3	8143.0	1138	8190.1	1138	8218.5	1138	8252.1
GR	1138	8259.4	1138	8271.3	1138	8281.3	1138	8321.3	1138	8383.4
GR	1138	8397.8	1138	8434.1	1138	8447.6	1138	8505.5	1138	8531.2
GR	1138	8627.3	1138	8633.8	1138	8695.9	1138	8706.9	1138	8725.7
GR	1138	8757.5	1138	8794.2	1138	8817.6	1138	8834.7	1138	8881.8
GR	1138	8934.2	1138	8971.7	1138	9019.6	1138	9126.3	1138	9138.6
GR	1138	9178.2	1138	9200.4	1138	9215.0	1138	9236.3	1138	9251.8
GR	1138	9303.6	1138	9335.4	1138	9459.5	1138	9506.9	1138	9563.0
GR	1138	9588.8	1138	9613.9	1138	9651.2	1138	9669.2	1138	9675.6
GR	1138	9697.5	1138	9721.9	1138	9730.0	1138	9737.0	1138	9739.8
GR	1132.1	9756.6	1130.0	9767.5	1130.0	9813.6	1130.0	9851.0	1130.0	9877.6
GR	1130.0	9890.7	1130.0	9925.5	1130.0	9947.0	1132.0	9960.9	1134.9	10054.9
GR	1130.0	10115.0	1130.0	10125.5	1130.0	10148.0	1130.0	10213.1	1130.0	10218.1
GR	1130.0	10274.1	1133.3	10288.0	1136.7	10514.9	1135.5	10529.0	1136.3	10702.0
GR	1138.2	10713.3	1140.1	10989.1	1139.9	11272.4	1139.5	11528.3	1140.7	11787.1
GR	1140.3	12052.0	1139.8	12327.9	1139.3	12619.3	1139.6	12889.8	1140.0	13151.6
GR	1140.9	13414.7	1137.0	13427.3	1137.4	13451.0	1140.2	13465.2	1139.5	13519.3
GR	1141.0	13784.2	1144.7	14041.7	1146.5	14111.6	1148.2	14118.5	1148.3	14128.2
GR	1146.4	14136.5	1146.7	14146.7						
ET	18.000	9.1	7.1				9485	10555	8450	10900
X1	18.000	93	9655.5	10205.6	435	500	474.83			
GR	1145.8	7808.1	1145.8	7843.1	1148.9	7858.8	1145.3	7871.4	1144.0	7965.6
GR	1144.8	8144.5	1151.0	8159.2	1152.3	8165.0	1146.4	8179.5	1143.3	8193.5
GR	1144.7	8220.3	1146.2	8231.3	1139	8253.1	1139	8269.8	1139	8329.9
GR	1139	8336.8	1139	8350.4	1139	8355.0	1139	8497.9	1139	8542.8
GR	1139	8700.3	1139	8782.9	1139	8960.2	1139	8970.8	1139	9085.3
GR	1139	9120.4	1139	9345.3	1139	9370.9	1139	9510.2	1139	9566.9
GR	1139	9572.4	1139	9601.0	1141.2	9627.9	1142.3	9640.2	1135.2	9655.5
GR	1133.1	9680.5	1131.9	9724.3	1132.3	9743.5	1130.0	9756.5	1130.1	9857.7
GR	1130.0	9926.8	1130.0	9962.5	1134.1	9981.6	1136.7	10205.6	1135.4	10380.5
GR	1131.1	10404.2	1130.0	10434.8	1130.0	10476.4	1135.8	10493.9	1136.5	10688.5
GR	1137.4	10730.0	1139.3	10750.3	1138.0	10829.2	1139.6	10841.2	1142.4	10848.1
GR	1143.1	10867.5	1151.0	10886.7	1151.2	10904.3	1141.0	10945.2	1139.9	10993.3
GR	1140.7	11196.5	1140.3	11289.4	1141.5	11322.4	1145.1	11350.0	1148.6	11369.6
GR	1145.0	11398.2	1139.8	11420.0	1137.9	11423.4	1138.4	11424.3	1136.0	11429.9
GR	1134.1	11439.7	1135.3	11441.9	1136.4	11451.8	1134.7	11456.0	1137.4	11473.2
GR	1137.4	11477.6	1142.2	11499.2	1142.3	11711.7	1142.0	11958.5	1141.8	12161.7
GR	1141.3	12364.9	1141.9	12406.6	1141.2	12415.7	1142.0	12451.9	1141.4	12466.5
GR	1142.0	12500.3	1141.2	12517.3	1142.3	12564.7	1141.6	12788.1	1142.3	13012.0
GR	1143.7	13228.5	1144.6	13431.7	1146.8	13563.2				
ET	18.093	9.1	7.1				9565	10590	8520	10855
X1	18.093	94	9691.9	10231.6	430	525	491			
GR	1148.8	7690.1	1149.8	7697.6	1147.4	7707.5	1145.2	7724.9	1145.8	7760.0
GR	1144.8	7774.6	1146.7	7782.6	1144.7	7789.8	1144.7	7824.6	1146.7	7836.0
GR	1144.3	7843.0	1145.2	7921.4	1147.0	7952.3	1147.0	7967.7	1148.4	7976.7
GR	1142.0	7988.3	1140	8005.8	1140	8046.2	1140	8099.2	1140	8231.2
GR	1140	8243.8	1140	8263.4	1140	8296.6	1140	8351.5	1140	8534.6
GR	1140	8675.9	1140	8702.3	1140	8711.8	1140	8739.8	1140	8745.0
GR	1140	8761.4	1140	8831.5	1140	8846.8	1140	8872.4	1140	8909.2

GR	1140	8918.9	1140	8930.5	1140	8971.2	1140	8987.7	1140	8997.2
GR	1140	9145.1	1140	9226.3	1140	9251.1	1140	9267.2	1140	9450.4
GR	1140	9511.4	1140	9550.1	1141.3	9581.7	1143.2	9616.5	1145.1	9624.4
GR	1144.7	9630.2	1142.6	9638.4	1141.6	9652.5	1141.6	9673.9	1138.2	9691.9
GR	1136.6	9729.2	1130.7	9740.8	1130.1	9860.2	1132.9	9901.2	1135.8	9909.0
GR	1133.8	9956.3	1134.4	10003.7	1136.5	10020.1	1135.2	10077.8	1137.8	10231.6
GR	1136.5	10252.3	1136.5	10428.2	1135.9	10458.4	1129.9	10498.6	1132.0	10541.7
GR	1136.6	10565.2	1138.2	10652.9	1144.2	10675.9	1143.9	10714.2	1142.6	10729.3
GR	1143.3	10740.6	1142.9	10782.2	1144.2	10889.1	1143.6	10971.9	1142.2	11030.5
GR	1139.0	11068.2	1139.1	11080.5	1144.5	11129.0	1143.7	11234.4	1143.7	11462.3
GR	1144.0	11688.6	1143.3	11987.1	1143.4	12240.9	1144.1	12443.9	1144.2	12646.9
GR	1144.7	12857.1	1146.0	13105.7	1147.3	13152.9	1150.8	13199.9		
ET	18.182	9.1	7.1				9600	10620	8640	10730
X1	18.182	92	9738.9	10175.8	410	500	466.97			
GR	1146.9	8030.7	1146.3	8064.4	1144.9	8084.5	1144.3	8086.9	1142.3	8135.6
GR	1147.6	8153.6	1148.1	8157.7	1144.5	8173.3	1144.2	8207.9	1141	8227.6
GR	1141	8239.3	1141	8270.0	1141	8303.7	1141	8365.1	1141	8401.4
GR	1141	8422.3	1141	8460.5	1141	8560.1	1141	8585.2	1141	8608.4
GR	1141	8649.8	1141	8750.8	1141	8813.6	1141	8824.1	1141	8833.3
GR	1141	8892.4	1141	8977.7	1141	8987.4	1141	9044.3	1141	9052.1
GR	1141	9058.3	1141	9178.9	1141	9192.6	1141	9198.7	1141	9209.7
GR	1141	9227.8	1141	9275.9	1141	9320.5	1141	9528.8	1141	9580.3
GR	1141	9588.1	1141	9602.3	1142.5	9609.7	1142.5	9652.9	1140.4	9676.1
	1142.4	9696.3	1140.7	9714.5	1137.8	9728.6	1137.1	9738.9	1129.8	9760.5
	1129.9	9787.3	1132.4	9842.3	1135.4	9866.6	1133.6	10007.7	1137.2	10021.0
GR	1137.4	10114.6	1136.9	10138.5	1138.3	10175.8	1138.1	10391.0	1138.2	10427.3
GR	1136.9	10469.9	1133.9	10515.6	1134.0	10548.4	1136.2	10588.3	1144.9	10637.5
GR	1145.6	10738.0	1144.0	10865.3	1145.7	10906.7	1140.7	10932.9	1142.7	10966.1
GR	1142.9	10982.5	1144.9	10999.6	1145.5	11041.1	1141.3	11063.9	1145.9	11090.6
GR	1145.6	11134.2	1149.2	11141.9	1144.2	11168.0	1142.5	11172.3	1143.8	11182.2
GR	1143.9	11189.4	1143.1	11215.6	1145.2	11258.6	1145.9	11319.4	1145.3	11577.6
GR	1146.0	11826.5	1145.2	11935.3	1145.3	12183.1	1146.1	12398.0	1146.7	12537.2
GR	1151.5	12597.1	1151.8	12636.1						
ET	18.275	9.1	7.1				9570	10670	8740	10715
X1	18.275	92	9752.1	10210.5	450	515	491.28			
GR	1143.5	8008.5	1138.7	8023.5	1140.7	8037.9	1138.5	8046.9	1138.0	8261.2
GR	1137.8	8312.7	1136.6	8325.4	1137.3	8372.6	1137.4	8512.4	1139.6	8516.3
GR	1139.8	8520.2	1138.5	8524.5	1139.6	8555.1	1140.4	8562.2	1137.8	8568.8
GR	1138.0	8602.0	1142.3	8636.5	1143.8	8662.1	1149.7	8694.9	1150.4	8704.1
GR	1148.8	8717.2	1149.0	8724.0	1151.0	8737.9	1149.3	8749.1	1142	8787.2
GR	1142	8803.8	1142	8809.4	1142	8848.8	1142	8871.5	1142	8880.5
GR	1142	8891.0	1142	8999.9	1142	9010.1	1142	9015.7	1142	9188.4
GR	1142	9235.9	1142	9293.2	1142	9329.0	1142	9407.9	1142	9476.4
GR	1142	9483.7	1142	9502.0	1142	9506.1	1142	9515.3	1142.6	9521.5
GR	1139.8	9534.5	1139.3	9579.9	1140.1	9637.4	1141.2	9662.8	1141.7	9699.4
GR	1139.5	9752.1	1130.1	9787.5	1134.1	9819.9	1134.1	9834.1	1138.9	9863.8
GR	1137.4	9948.0	1135.1	9965.1	1134.3	10061.6	1136.5	10084.7	1137.3	10108.8
	1136.1	10140.2	1138.4	10151.1	1140.1	10210.5	1139.6	10414.7	1138.8	10516.9
	1137.7	10554.5	1137.1	10611.8	1137.6	10622.8	1139.7	10635.4	1140.1	10643.9
GR	1146.7	10661.8	1146.0	10695.0	1143.3	10731.8	1144.1	10758.2	1146.7	10782.6
GR	1146.7	10889.1	1146.2	10898.5	1146.9	10915.6	1145.4	10956.8	1145.8	10994.8
GR	1143.8	11004.1	1142.2	11023.1	1144.1	11057.2	1143.6	11063.0	1146.8	11096.6

GR	1146.3	11118.3	1147.3	11366.8	1148.0	11580.8	1148.3	11795.4	1148.6	11993.8
GR	1149.5	12044.0	1149.4	12073.0						
ET	18.369	9.1	7.1				9550	10640	8820	10759.0
X1	18.369	94	9783.5	10147.9	435	540	498.93			
GR	1149.0	7942.0	1149.3	7944.0	1139.8	7980.6	1140.8	7988.6	1143.4	7998.3
GR	1139.0	8014.0	1139.2	8103.9	1138.8	8120.9	1140.2	8130.5	1140.2	8162.0
GR	1139.9	8164.1	1139.6	8210.7	1139.2	8223.3	1140.0	8307.6	1139.8	8313.7
GR	1138.5	8323.6	1138.5	8375.8	1139.8	8382.1	1139.9	8400.2	1139.3	8412.6
GR	1139.7	8458.9	1139.5	8462.8	1140.8	8470.3	1140.2	8473.5	1137.9	8478.7
GR	1135.7	8482.0	1135.6	8486.5	1139.4	8496.2	1142.6	8505.1	1147.7	8518.1
GR	1144.8	8573.7	1146.4	8599.3	1148.1	8605.4	1124.1	8618.3	1124.8	8633.9
GR	1143	8651.5	1143	8692.8	1143	8702.4	1143	8707.0	1143	8717.8
GR	1143	8721.7	1143	8726.6	1143	8751.0	1143	8795.0	1143	8822.0
GR	1143	8869.4	1143	8918.2	1143	8930.6	1143	8941.2	1143	9006.7
GR	1143	9050.7	1143	9098.3	1143	9132.5	1143	9170.1	1143	9319.3
GR	1143	9395.6	1143	9429.8	1143	9466.8	1143	9512.5	1143	9527.1
GR	1143	9545.1	1143	9565.0	1143.0	9596.8	1144.0	9650.7	1144.4	9732.9
GR	1144.9	9761.2	1144.7	9783.5	1139.1	9802.6	1138.7	9814.1	1134.7	9833.2
GR	1134.4	9859.0	1138.0	9886.7	1140.1	9941.3	1141.0	9982.2	1141.7	10147.9
GR	1141.9	10184.8	1141.7	10260.0	1140.9	10327.7	1139.5	10338.1	1139.2	10348.8
GR	1136.5	10361.4	1137.8	10368.6	1138.7	10378.9	1139.6	10394.4	1141.0	10534.6
GR	1140.5	10560.7	1139.5	10589.9	1139.1	10613.8	1140.9	10623.0	1146.9	10648.3
GR	1148.5	10652.3	1148.1	10676.8	1148.3	10746.1	1148.6	10759.0		
ET	18.464	9.1	7.1				9550	10530	8900	10590.4
X1	18.464	93	9755.6	10168.0	435	555	499.78			
GR	1149.7	7867.9	1149.9	7876.9	1148.3	7881.4	1137.2	7919.1	1137.1	8063.3
GR	1137.5	8118.2	1138.8	8127.8	1138.7	8134.8	1137.7	8140.3	1137.3	8169.1
GR	1137.1	8233.7	1139.8	8243.6	1139.5	8245.7	1138.9	8271.9	1138.2	8284.5
GR	1137.0	8295.0	1137.5	8332.9	1139.4	8338.9	1140.6	8345.8	1141.0	8352.2
GR	1143.6	8365.9	1146.8	8380.5	1145.7	8387.1	1145.4	8400.5	1144.2	8426.8
GR	1143.5	8437.5	1149.7	8454.6	1144	8468.9	1144	8483.2	1144	8486.7
GR	1144	8499.8	1144	8533.7	1144	8544.3	1144	8551.8	1144	8561.7
GR	1144	8569.4	1144	8583.3	1144	8593.6	1144	8713.6	1144	8760.1
GR	1144	8853.3	1144	8906.4	1144	8914.0	1144	8915.9	1144	8953.7
GR	1144	8974.5	1144	9028.1	1144	9094.7	1144	9160.8	1144	9188.9
GR	1144	9212.4	1144	9248.1	1144	9296.0	1144	9372.3	1144	9394.6
GR	1144	9433.3	1144	9491.5	1144	9506.9	1144	9530.6	1144	9552.7
GR	1144	9577.5	1144	9596.5	1145.1	9638.3	1146.1	9671.2	1146.4	9742.0
GR	1146.2	9755.6	1143.6	9765.9	1143.3	9788.8	1143.9	9830.2	1144.2	9836.3
GR	1143.3	9876.4	1141.2	9888.6	1140.7	9924.3	1138.5	9939.8	1140.7	9974.1
GR	1141.2	9995.4	1141.0	10006.6	1141.8	10046.4	1141.9	10092.3	1143.4	10168.0
GR	1142.8	10314.4	1141.6	10355.5	1139.6	10361.3	1140.2	10421.2	1139.6	10440.8
GR	1141.8	10455.6	1143.6	10509.8	1145.5	10528.7	1152.2	10554.1	1153.1	10562.8
GR	1154.5	10572.8	1154.5	10582.9	1155.1	10590.4				
ET	18.558	9.1	7.1				9520	10465	9000	10466.5
X1	18.558	76	9750.3	10300.8	450	525	500.28			
GR	1150.8	7814.7	1150	7823.8	1146.4	7831.8	1140	7861	1137.1	7878
GR	1137.5	7956.9	1136.5	7990	1137.2	8067.2	1137.8	8076.5	1137.6	8103.3
GR	1138.2	8137.5	1137.6	8201.5	1137.9	8209.8	1147.4	8242.7	1147.4	8257.2
GR	1148.2	8268	1148	8289.9	1146.3	8302.9	1146	8312.1	1146	8321.4
GR	1146	8324.1	1146	8329.4	1146	8337.6	1146	8383.8	1146	8392.5

GR	1146	8407.9	1146	8418.3	1146	8430.4	1146	8431.6	1146	8439.9
GR	1146	8473	1146	8489.5	1146	8495.2	1146	8508.2	1146	8518.8
GR	1146	8620.3	1146	8677.5	1146	8777.8	1146	8806.1	1146	8820.2
GR	1146	8830.4	1146	8935.5	1146	8988	1146	9040.5	1146	9093
GR	1146	9145.6	1146	9264.5	1146	9302.4	1146	9361.1	1146	9408.2
GR	1146	9472.1	1146	9513.3	1146	9540.6	1146	9553.5	1146	9571
GR	1146	9595.1	1146	9622.4	1146.1	9637.5	1146.2	9671	1147.1	9723.4
GR	1146.9	9750.3	1145.9	9790	1145	9909.2	1143.6	9986	1143.3	10038.5
GR	1144.2	10110.3	1142.5	10124	1142.1	10143.6	1142.7	10248.7	1144.1	10300.8
GR	1143.8	10322.4	1142.1	10332.4	1141.4	10353.7	1141.3	10406.3	1140.6	10441.1
GR	1157.8	10466.5								
ET	18.653	9.1	7.1				9470	10440	9090	10468.3
X1	18.653	92	9754.6	10362.3	445	535	502.17			
GR	1152.7	7788.1	1142.5	7821.1	1136.7	7843.2	1138.1	7925.6	1139.4	7934
GR	1139.3	7940.8	1138.2	7949.5	1138.6	7953.2	1137.4	8018.4	1139.5	8110.1
GR	1152.7	8131.9	1150.9	8141.6	1150	8205.8	1165.8	8224.5	1156.7	8239.6
GR	1157.4	8240.1	1145.8	8248	1134.5	8257.3	1119.3	8268.7	1119.1	8298.1
GR	1124.4	8316.1	1124.6	8349.2	1120.2	8358	1118.1	8363.8	1117.5	8377.4
GR	1118	8474.7	1117.6	8517.7	1120.6	8560.2	1121.8	8569.2	1123.6	8612.5
GR	1123.7	8630.8	1121	8646.2	1121.4	8665.3	1121.1	8677.7	1119.3	8683.2
GR	1116.8	8687.6	1113.6	8723.9	1114	8741.6	1109.8	8749.7	1106.3	8754.7
GR	1108.2	8788.6	1111.2	8799	1114.1	8845.5	1114.6	8871.4	1120.9	8920.8
GR	1121.4	8938.3	1123.7	8982	1148	9003.7	1148	9032.6	1148	9085.3
	1148	9097.6	1148	9104.7	1148	9134.9	1148	9138.8	1150.2	9239.2
	1152.7	9263.3	1154.1	9284.4	1155.8	9297	1148	9344.9	1148	9350.6
GR	1148	9368	1148	9424	1148	9440.5	1148	9483.1	1148	9490.4
GR	1148	9502.1	1148	9509.5	1148	9515.6	1148	9520.7	1148	9526.5
GR	1148	9531.1	1148	9535.5	1148	9551.6	1148	9556.7	1148	9566.2
GR	1148	9569.8	1148.7	9576.4	1152.5	9586.6	1145.2	9602.8	1144.9	9626.6
GR	1147	9652.5	1147.5	9754.6	1146.6	9857.6	1146.4	9960.7	1145.9	10063.8
GR	1143	10142.8	1143.5	10166.9	1143.1	10270	1144	10362.3	1142.7	10379.1
GR	1142.8	10422.7	1164.2	10468.3						
ET	18.748	9.1	7.1				9400	10350	9150	10362.5
X1	18.748	93	9818.6	10349.3	440	530	501.11			
GR	1153.2	8076.4	1154.2	8080.7	1152.8	8089.6	1152.6	8099.1	1149.9	8141.3
GR	1152.5	8149.0	1117.2	8173.6	1117.1	8195.2	1117.6	8246.0	1119.2	8296.7
GR	1122.0	8310.0	1121.3	8321.7	1121.5	8335.8	1121.2	8347.4	1117.7	8397.9
GR	1118.0	8451.7	1118.6	8461.2	1119.2	8488.2	1118.9	8503.3	1119.6	8529.2
GR	1119.3	8544.5	1117.4	8553.4	1117.6	8560.1	1121.7	8574.3	1122.6	8578.7
GR	1122.5	8582.7	1124.0	8595.0	1123.3	8600.3	1120.5	8611.7	1091.5	8627.7
GR	1091.7	8629.5	1091.9	8649.0	1092.1	8652.4	1092.6	8698.3	1092.8	8702.5
GR	1096.7	8743.7	1097.7	8753.3	1099.3	8804.0	1098.1	8834.2	1097.7	8854.6
GR	1104.7	8871.0	1105.3	8891.4	1105.3	8905.5	1103.2	8961.3	1100.5	9003.5
GR	1100.4	9006.9	1103.7	9020.8	1102.9	9021.4	1118.9	9030.6	1128.4	9036.5
GR	1150.6	9049.9	1150.1	9091.2	1150.1	9128.7	1150.3	9135.1	1150.6	9195.5
GR	1150.8	9209.8	1150.9	9279.0	1150.2	9330.2	1155.2	9348.4	1149.6	9361.0
GR	1148.6	9388.8	1150.6	9397.0	1149.9	9419.8	1150.9	9425.1	1151.5	9441.2
	1149.5	9451.0	1150.1	9463.5	1149.3	9514.1	1149.7	9521.4	1150.4	9564.9
	1150.3	9615.7	1149.1	9666.4	1148.3	9717.1	1148.1	9746.4	1147.8	9768.0
GR	1148.0	9818.6	1147.3	9870.4	1147.4	9920.0	1147.7	9970.8	1147.4	10021.5
GR	1146.3	10072.2	1146.0	10106.2	1145.4	10125.3	1145.9	10129.2	1144.0	10150.8
GR	1143.7	10154.8	1144.4	10236.5	1144.4	10275.2	1143.9	10297.8	1143.5	10325.9

GR	1143.5	10337.7	1153.9	10349.3	1165.9	10362.5				
ET	18.839	9.1	7.1				9350	10350	9250	10375.0
X1	18.839	94	9787.8	10337.0	430	500	480.48			
GR	1159.3	8035.3	1160.1	8038.6	1154.0	8081.5	1152.0	8142.0	1151.8	8165.7
GR	1145.2	8172.5	1142.4	8175.7	1135.6	8182.7	1126.5	8192.5	1119.8	8199.1
GR	1119.8	8265.6	1136.1	8284.0	1141.6	8289.5	1151.1	8298.1	1150.6	8339.2
GR	1152.4	8343.3	1147.4	8393.6	1149.7	8415.2	1150.8	8439.6	1151.2	8443.4
GR	1149.9	8483.6	1144.3	8492.4	1143.1	8504.6	1142.9	8518.4	1143.5	8526.7
GR	1143.5	8539.0	1141.4	8542.8	1138.4	8549.1	1139.2	8560.7	1139.1	8569.3
GR	1143.3	8578.2	1146.8	8592.3	1149.9	8594.8	1150.7	8597.1	1150.7	8600.4
GR	1148.7	8619.6	1148.7	8627.7	1149.8	8634.1	1151.3	8649.9	1151.6	8695.7
GR	1150.9	8746.0	1150.6	8796.3	1149.1	8837.3	1149.4	8854.9	1151.4	8869.2
GR	1152.3	8960.5	1152.0	8966.7	1148.3	9004.8	1150.0	9017.9	1151.0	9023.1
GR	1147.6	9041.7	1147.0	9087.8	1149.7	9104.9	1149.5	9108.5	1149.7	9149.0
GR	1150.7	9199.0	1151.4	9285.5	1151.8	9359.0	1154.0	9367.0	1154.7	9374.4
GR	1151.2	9388.1	1151.3	9420.2	1150.0	9435.1	1149.5	9446.3	1151.6	9476.4
GR	1150.9	9511.1	1150.8	9556.2	1151.8	9665.4	1152.1	9705.2	1152.8	9716.6
GR	1148.6	9747.1	1147.5	9774.5	1149.2	9787.8	1147.8	9825.0	1145.3	9845.2
GR	1145.1	9901.6	1147.0	9913.2	1146.0	9962.2	1145.0	10056.4	1144.6	10160.9
GR	1145.3	10164.0	1146.7	10168.0	1146.8	10189.4	1146.1	10196.0	1145.1	10199.7
GR	1144.9	10310.7	1146.1	10321.9	1147.1	10325.1	1147.5	10331.4	1150.1	10337.0
GR	1152.2	10340.5	1159.1	10354.4	1164.3	10361.8	1164.4	10375.0		
ET	18.937	9.1	9.1						9364.7	10482.5
X1	18.937	95	9815.5	10231.0	430	555	512.97			
GR	1161.8	8024.7	1161.2	8026.3	1160.4	8032.1	1159.5	8047.9	1155.6	8082.9
GR	1155.9	8118.4	1155.0	8186.4	1155.1	8192.1	1156.0	8205.6	1156.0	8219.6
GR	1156.8	8243.0	1156.6	8261.0	1157.1	8268.7	1157.6	8271.4	1155.1	8284.1
GR	1156.2	8298.0	1155.4	8325.2	1154.3	8337.3	1153.3	8365.5	1152.9	8370.4
GR	1152.7	8380.7	1150.5	8395.2	1149.1	8406.5	1149.1	8418.8	1154.0	8427.7
GR	1151.9	8431.7	1148.0	8441.5	1146.8	8451.9	1148.7	8463.0	1148.9	8475.9
GR	1148.6	8482.2	1149.4	8487.4	1149.1	8533.5	1149.9	8583.3	1151.7	8686.4
GR	1152.3	8707.2	1152.0	8738.4	1152.5	8758.9	1152.4	8789.2	1152.6	8808.0
GR	1152.3	8841.4	1152.5	8860.1	1152.5	8895.6	1153.3	8980.6	1154.9	8989.9
GR	1159.9	9012.6	1160.9	9036.5	1161.9	9057.0	1160.6	9062.3	1155.8	9085.2
GR	1153.4	9101.1	1153.2	9147.2	1153.5	9182.3	1153.2	9198.4	1153.2	9235.3
GR	1152.2	9254.1	1151.6	9294.7	1151.3	9304.0	1151.3	9322.0	1150.5	9331.3
GR	1153.7	9348.4	1155.3	9354.2	1155.6	9364.7	1152.1	9388.2	1149.5	9396.1
GR	1148.9	9420.0	1149.3	9445.4	1149.3	9472.0	1148.2	9479.5	1148.5	9558.4
GR	1148.8	9582.4	1148.7	9607.6	1149.0	9709.9	1148.7	9782.5	1149.2	9815.5
GR	1147.7	9819.0	1146.8	9822.7	1147.0	9869.6	1148.6	9884.1	1148.9	9932.5
GR	1148.3	9978.5	1147.9	9982.5	1147.1	10063.2	1148.0	10070.6	1147.9	10086.8
GR	1148.9	10108.0	1148.7	10182.6	1149.7	10231.0	1148.7	10259.5	1147.4	10277.4
GR	1146.3	10284.7	1147.2	10329.5	1145.7	10418.6	1147.1	10445.9	1164.7	10482.5
NC				0.3	0.5					
ET	18.962	9.11	9.11						9391.2	10535.6

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***** BELL ROAD **************
***** LOW CHORD = 1160.5 ****
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X1   18.962      74     9840   10223.7     110     145     132
GR   1162.0   7916.7   1162.2    7934.1   1162.0  7947.4  1162.3   7963.7   1162.3   8037.4
GR   1162.5   8045.6   1162.1    8054.3   1162.2  8112.7  1162.3   8118.1   1162.7   8160.7
GR   1162.6   8162.2   1162.8    8185.1   1163.0  8206.7  1163.0   8235.2   1163.4   8289.8
GR   1163.4   8330.1   1163.8    8411.9   1163.8  8427.7  1163.5   8463.4   1156.6   8465.2
GR   1147.5   8466.9   1147.8    8479.5   1147.5  8495.9  1158.1   8497.9   1163.6   8500.4
GR   1163.5   8506.8   1163.7    8550.6   1163.7  8564.1  1163.4   8612.3   1163.2   8634.6
GR   1163.1   8674.2   1162.7    8708.9   1163.1  8730.2  1162.7     8753   1162.3   8791.3
GR   1162.1   8805.5   1162.3    8856.6   1162.1  8905.9  1161.9   8938.3   1162.0   8955.7
GR   1162.2   8966.6   1162.3    9034.1   1162.0  9067.5  1162.5   9102.2   1162.6   9121.3
GR   1162.9   9141.9   1165.0    9241.5   1165.6  9276.3  1165.9   9301.3   1165.8   9317.4
GR   1165.8   9320.2   1168.2    9391.2   1160.1  9405.6  1149.0     9435   1150.4     9840
GR   1147.3   9848.8   1147.4    9882.3   1149.1    9948  1148.1  10060.6   1149.8    10071
GR   1150.1  10072.1   1149.1   10223.7   1148.5 10226.4  1146.2  10251.3   1146.8   10260.2
GR   1148.4  10281.3   1148.5   10286.7   1147.0 10415.8  1148.2  10465.7   1170.7   10522.1
GR   1170.9  10523.2   1170.1   10524.3   1169.5 10531.5  1169.5  10535.6

ET   18.978     9.11      9.11                                            9397.3   10543.5
SB    1.05     1.56       2.7        0     1050      60   16107      2.5   1149.5    1149.5
X1   18.978       53    9870.6   10257.7       90      90   86.29
X2        0        0         1    1166.2   1168.4       0       0     1.33        0         0
          14   9390.0    1168.4    1168.4   9402.5  1168.8  1168.8   9402.6   1171.3    1160.5
   9525.0     1173.2    1162.4    9650.0   1174.7  1163.9  9777.0   1175.9   1165.1    9903.0
BT   1176.6   1165.8   10029.0    1177.0   1166.2 10155.0  1177.0   1166.2  10280.0    1176.6
BT   1165.8  10406.0    1175.9    1165.1  10531.9  1174.7  1163.9  10532.0   1172.0    1172.0
BT    10545   1171.9    1171.9
GR   1162.4   7920.9   1162.3    7952.9   1162.3  8003.4  1162.5   8018.9   1162.6   8070.1
GR   1162.9   8114.9   1162.9    8133.8   1162.9  8169.5  1163.0   8201.4   1163.1     8247
GR   1163.3   8281.4   1163.8    8310.2   1163.8    8378  1160.6   8416.4   1160.8   8469.8
GR   1148.7   8472.5   1148.5    8485.4   1148.5  8502.6  1163.6   8504.7   1163.6   8517.3
GR   1163.6   8610.6   1163.6    8635.3   1163.4    8755  1162.7   8939.3   1162.7   8975.5
GR   1163.3   9112.9   1165.1    9251.4   1166.2    9338  1169.5   9397.3   1164.0   9402.3
GR   1162.2   9407.2   1149.8    9439.6   1149.8    9450  1151.2   9862.7   1151.2   9870.6
GR   1147.6   9884.8   1147.8    9913.2   1150.0  9933.9  1150.0   9936.2   1149.1  10034.2
GR   1149.0  10035.9   1150.2   10046.1   1150.3 10050.4  1149.5  10180.4   1147.8  10250.4
GR   1147.8  10257.7   1147.5   10439.1   1147.5 10447.1  1148.6  10476.7   1148.9  10477.8
GR   1169.5  10525.1   1170.5   10527.8   1170.0 10543.5

NC    .045     .045      .035
ET   19.066      9.1       7.1                                     9350    10778   9302.8   10778.8
X1   19.066       93    9885.7   10349.1     395     490     465
GR   1163.5   8083.9   1164.7    8087.8   1162.4  8094.0  1156.1   8106.9   1156.7   8154.1
GR   1156.9   8196.9   1157.7    8246.2   1158.0  8347.1  1159.1   8361.4   1159.7   8398.1
GR   1161.6   8466.8   1162.4    8504.6   1162.6  8548.1  1163.1   8598.3   1162.9   8698.6
GR   1163.1   8799.0   1162.5    8899.3   1161.5  9007.9  1159.8   9077.7   1159.1   9094.7
GR   1159.3   9118.3   1159.0    9128.2   1156.9  9150.2  1153.4   9222.0   1153.9   9233.7
GR   1157.2   9242.5   1163.1    9259.9   1165.5  9268.0  1167.6   9277.0   1166.7   9289.7
GR   1166.5   9297.0   1167.0    9302.8   1166.8  9310.8  1167.3   9320.5   1160.4   9342.3
GR   1157.9   9349.5   1154.8    9366.9   1151.2  9379.2  1150.8   9401.6   1150.6   9451.2
GR   1151.3   9476.5   1153.8    9520.5   1152.9  9546.9  1152.3   9554.2   1152.0   9579.5
GR   1152.2   9649.0   1153.4    9673.0   1153.7  9700.5  1153.2   9744.0   1153.5   9777.6
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GR	1154.7	9817.4	1154.3	9830.0	1155.5	9870.1	1155.0	9885.7	1149.8	9901.2
GR	1150.3	9953.8	1150.8	9978.4	1150.6	9989.3	1151.4	10002.8	1151.6	10058.7
GR	1151.3	10080.0	1149.7	10105.8	1149.9	10115.9	1151.6	10129.9	1151.5	10161.9
GR	1150.7	10188.8	1150.6	10203.9	1150.8	10206.7	1151.3	10246.3	1149.4	10261.9
GR	1151.5	10282.4	1149.8	10327.8	1154.3	10349.1	1154.6	10379.5	1155.9	10398.0
GR	1156.1	10456.1	1154.5	10497.0	1154.0	10504.9	1153.0	10536.3	1152.0	10555.2
GR	1152.2	10557.5	1149.4	10595.4	1149.5	10626.8	1152.2	10633.3	1154.3	10637.1
GR	1151.6	10657.6	1150.2	10684.7	1153.5	10704.5	1156.5	10711.0	1168.4	10729.4
GR	1168.3	10747.9	1169.2	10755.7	1169.4	10778.8				
NC				0.1	0.3					
ET	19.162	9.1	7.1				9240	10956	9000	10956
X1	19.162	94	9804.0	10261.9	480	500	505.28			
GR	1166.1	8211.4	1165.8	8213.8	1163.7	8218.0	1158.4	8231.9	1158.9	8320.7
GR	1160.2	8421.2	1160.1	8467.0	1156.5	8485.3	1156.1	8521.7	1155.1	8571.2
GR	1155.4	8574.4	1155.1	8641.5	1157.1	8652.8	1156.7	8722.8	1157.1	8773.0
GR	1156.8	8823.3	1157.0	8881.6	1157.3	8891.5	1158.6	8910.6	1158.9	8946.0
GR	1158.3	8991.7	1158.5	9064.0	1158.0	9070.5	1155.8	9089.4	1155.3	9128.3
GR	1154.4	9174.9	1154.8	9176.1	1157.4	9196.0	1157.0	9231.8	1157.3	9275.5
GR	1157.0	9336.3	1154.5	9390.2	1153.9	9425.6	1153.8	9468.0	1156.0	9495.2
GR	1155.9	9505.3	1156.8	9535.3	1156.0	9573.9	1157.2	9627.3	1157.9	9735.0
GR	1157.9	9777.8	1158.3	9804.0	1152.1	9818.9	1152.5	9859.0	1152.6	9902.6
GR	1152.9	9928.8	1153.4	9942.5	1151.7	9957.5	1151.3	9986.8	1154.1	10009.4
GR	1153.9	10017.1	1152.3	10038.7	1152.8	10048.3	1153.9	10059.7	1154.6	10079.5
GR	1154.1	10129.9	1150.9	10161.3	1151.0	10181.7	1152.6	10227.1	1152.5	10245.3
GR	1155.1	10261.9	1156.7	10274.6	1156.9	10315.4	1155.3	10329.7	1154.6	10344.2
GR	1153.3	10356.1	1151.3	10387.4	1151.9	10401.5	1152.8	10417.7	1153.7	10452.5
GR	1153.8	10467.7	1154.2	10476.7	1155.1	10516.7	1157.1	10547.7	1157.6	10570.0
GR	1154.7	10604.6	1155.8	10622.6	1156.1	10630.7	1156.0	10657.9	1155.3	10680.3
GR	1154.3	10703.3	1153.4	10732.9	1152.8	10779.1	1152.1	10797.1	1151.2	10806.2
GR	1154.6	10825.1	1154.9	10837.3	1154.9	10862.8	1153.9	10877.2	1172.0	10904.8
GR	1172.1	10912.5	1172.9	10937.3	1173.9	10948.4	1174.1	10956.0		
ET	19.256	9.1	7.1				9175	11047	8680	11047
X1	19.256	94	9786.3	10081.6	470	480	496.96			
GR	1166.7	8382.4	1166.8	8388.5	1167.4	8392.2	1161.6	8407.6	1161.4	8513.9
GR	1161.3	8527.8	1159.0	8552.1	1157.2	8576.2	1157.9	8603.2	1157.5	8642.7
GR	1157.9	8646.2	1158.4	8655.2	1158.4	8661.0	1158.0	8671.4	1158.3	8704.3
GR	1158.1	8707.2	1159.3	8720.8	1157.7	8742.1	1156.8	8786.5	1158.2	8792.6
GR	1158.5	8852.6	1158.5	8870.4	1159.7	8902.9	1159.9	8974.4	1161.3	8989.8
GR	1159.0	9008.6	1159.7	9053.8	1159.5	9104.0	1159.0	9137.0	1159.8	9145.1
GR	1160.1	9162.8	1159.5	9176.2	1156.8	9204.6	1156.6	9241.4	1160.4	9267.4
GR	1160.2	9355.4	1159.8	9375.3	1158.1	9394.5	1156.8	9454.4	1157.5	9490.0
GR	1155.7	9514.0	1154.9	9539.7	1158.0	9556.6	1158.9	9564.0	1158.1	9592.7
GR	1157.8	9606.8	1158.1	9636.5	1158.7	9657.1	1158.3	9786.3	1154.2	9796.2
GR	1154.9	9820.5	1155.0	9858.2	1154.7	9902.3	1154.5	9913.0	1154.0	9918.2
GR	1154.1	9949.5	1153.8	10005.9	1153.6	10013.1	1155.1	10025.9	1155.0	10047.5
GR	1154.7	10054.8	1155.6	10059.4	1161.0	10081.6	1162.4	10114.0	1162.2	10122.4
GR	1160.6	10159.9	1160.5	10193.0	1159.8	10216.9	1159.6	10245.1	1160.4	10260.5
GR	1160.2	10310.7	1159.6	10361.0	1160.3	10416.0	1159.7	10512.3	1160.2	10562.1
GR	1159.2	10630.0	1160.5	10661.0	1160.6	10679.5	1159.6	10701.6	1158.2	10712.5
GR	1159.1	10729.5	1157.3	10759.5	1158.6	10778.7	1158.1	10794.0	1155.3	10811.1
GR	1155.6	10819.6	1155.6	10845.4	1155.3	10859.0	1155.7	10914.1	1154.6	10964.4
GR	1155.0	10999.9	1156.6	11012.9	1158.1	11019.1	1169.2	11047.2		

ET	19.352		7.1				9150	11292		
X1	19.352	96	9743.4	10064.3	495	480	509.58			
GR	1168.4	8581.6	1168.5	8586.6	1169.3	8589.5	1168.6	8590.8	1166.3	8597.0
GR	1162.9	8605.5	1162.2	8642.1	1162.1	8697.5	1163.0	8716.2	1159.9	8734.1
GR	1158.7	8747.1	1159.1	8760.0	1158.8	8796.4	1159.7	8838.5	1159.7	8846.7
GR	1158.9	8878.9	1159.8	8896.9	1159.2	8947.1	1159.7	8987.5	1159.7	8997.4
GR	1159.0	9002.1	1158.8	9029.5	1159.9	9036.3	1160.1	9049.9	1160.8	9097.8
GR	1160.9	9113.6	1161.4	9148.0	1161.1	9195.5	1160.2	9248.5	1160.4	9255.1
GR	1159.3	9264.2	1159.2	9281.2	1158.2	9293.3	1161.3	9347.8	1160.0	9399.1
GR	1159.7	9449.4	1158.8	9499.6	1158.9	9549.8	1159.7	9584.8	1161.3	9608.5
GR	1161.4	9650.3	1161.0	9700.5	1160.2	9743.4	1157.3	9755.0	1154.6	9786.1
GR	1154.8	9806.8	1155.1	9851.2	1155.2	9895.0	1155.3	9951.8	1157.1	9979.7
GR	1157.4	10001.9	1156.9	10037.2	1162.1	10064.3	1162.2	10102.3	1161.8	10152.5
GR	1162.1	10202.8	1162.4	10218.4	1162.0	10234.4	1161.0	10247.2	1161.0	10250.6
GR	1161.1	10303.2	1159.9	10353.6	1160.5	10397.9	1161.5	10455.2	1161.5	10475.9
GR	1160.7	10515.7	1162.0	10541.7	1160.9	10581.0	1161.4	10604.6	1162.0	10654.8
GR	1162.3	10672.7	1162.4	10705.0	1161.0	10731.3	1162.6	10761.3	1162.7	10767.9
GR	1161.9	10794.6	1161.5	10804.1	1160.5	10837.5	1160.4	10849.0	1159.3	10857.5
GR	1158.7	10865.2	1159.0	10905.9	1158.5	10956.5	1158.9	10963.0	1159.0	11005.4
GR	1159.1	11010.7	1158.8	11053.5	1156.5	11066.6	1156.4	11106.8	1155.1	11158.0
GR	1154.8	11166.1	1161.9	11182.2	1162.7	11205.8	1162.9	11227.2	1159.8	11262.0
GR	1166.0	11320.5								

	19.446	9.1	7.1				9170	11361	8878.7	11361.8
	19.446	91	9592.8	10078.6	525	450	496.07			
GR	1169.9	8715.4	1169.9	8718.3	1171.0	8722.0	1169.3	8727.7	1164.2	8740.0
GR	1163.7	8777.7	1164.7	8830.3	1165.4	8878.7	1164.8	8894.2	1159.3	8920.9
GR	1159.0	8926.5	1159.4	8963.4	1159.6	8989.2	1160.9	9002.5	1161.2	9027.9
GR	1162.1	9078.0	1162.2	9117.5	1162.2	9157.2	1160.1	9174.8	1159.7	9206.1
GR	1161.0	9215.2	1160.7	9244.8	1160.8	9258.0	1161.2	9278.1	1161.2	9328.2
GR	1161.1	9378.2	1160.9	9407.9	1161.7	9419.9	1160.6	9446.9	1160.0	9482.0
GR	1160.5	9527.6	1161.3	9539.0	1162.7	9566.6	1162.8	9571.4	1161.1	9578.3
GR	1160.3	9587.4	1159.0	9592.8	1155.9	9603.1	1156.0	9643.3	1156.2	9691.2
GR	1157.5	9712.8	1158.0	9725.2	1157.8	9765.9	1157.9	9790.0	1158.4	9878.6
GR	1158.7	9911.1	1159.4	9930.4	1158.7	9978.7	1159.4	10028.7	1159.0	10056.2
GR	1162.8	10078.6	1163.7	10128.8	1164.2	10178.9	1164.0	10222.3	1163.9	10228.9
GR	1163.8	10279.0	1163.8	10318.4	1163.8	10329.0	1163.3	10356.3	1161.4	10383.8
GR	1163.0	10429.1	1162.8	10479.2	1162.5	10529.2	1163.1	10579.3	1163.2	10629.3
GR	1163.6	10702.6	1163.1	10750.7	1163.2	10829.5	1163.3	10879.5	1163.0	10915.1
GR	1162.7	10959.3	1162.4	10982.8	1159.7	11003.4	1159.3	11029.6	1159.3	11036.6
GR	1159.7	11075.7	1159.2	11115.4	1156.7	11130.8	1156.9	11158.2	1159.1	11173.3
GR	1159.4	11179.5	1158.2	11202.1	1157.6	11233.6	1157.2	11242.5	1157.9	11279.9
GR	1157.7	11282.7	1155.7	11323.5	1157.1	11328.7	1175.6	11349.4	1179.6	11355.8
GR	1180.1	11361.8								

ET	19.542		7.1				9235	11478		
X1	19.542	95	9804.5	10136.3	520	480	506.41			
GR	1171.9	8788.6	1172.7	8792.4	1166.8	8806.0	1167.0	8857.3	1167.7	8871.3
GR	1162.4	8896.7	1162.7	8923.0	1160.8	8934.2	1160.8	8956.3	1162.0	8967.4
	1162.8	9002.9	1163.2	9010.1	1163.0	9017.5	1162.6	9041.8	1163.5	9109.3
GR	1164.3	9128.5	1163.2	9160.9	1162.9	9188.7	1163.0	9200.2	1162.6	9247.7
GR	1162.3	9255.6	1163.5	9281.5	1161.6	9292.4	1161.5	9309.4	1162.4	9391.6
GR	1163.6	9419.0	1162.8	9467.1	1162.1	9488.5	1160.1	9512.2	1159.6	9538.6

GR	1164.2	9551.7	1163.3	9591.7	1160.9	9642.5	1161.1	9643.3	1162.1	9688.2
GR	1162.3	9691.2	1161.3	9707.2	1159.0	9718.7	1160.3	9731.5	1157.5	9739.3
GR	1157.5	9745.5	1160.8	9761.0	1160.2	9776.5	1160.0	9787.5	1160.1	9804.5
GR	1157.0	9821.4	1157.8	9841.7	1157.6	9889.4	1157.8	9949.4	1158.1	9975.3
GR	1158.8	9993.2	1160.6	10010.2	1161.0	10100.2	1160.6	10116.7	1164.7	10136.3
GR	1164.8	10141.0	1163.5	10201.4	1163.7	10222.1	1165.0	10240.9	1165.4	10242.0
GR	1165.1	10264.9	1165.1	10284.8	1164.8	10297.9	1165.4	10341.8	1164.0	10441.8
GR	1164.2	10500.7	1165.0	10541.8	1164.9	10630.4	1164.3	10718.0	1164.4	10745.2
GR	1164.1	10752.7	1164.3	10806.3	1163.7	10841.9	1162.2	10883.7	1165.2	10899.5
GR	1165.2	10941.9	1164.1	10987.3	1165.2	11025.1	1164.6	11066.0	1163.9	11091.7
GR	1164.2	11119.6	1160.8	11141.7	1159.4	11181.6	1158.6	11228.9	1159.9	11248.9
GR	1160.0	11292.0	1159.0	11366.5	1160.0	11386.7	1160.1	11411.1	1159.2	11414.2
GR	1157.9	11433.4	1158.4	11438.1	1158.0	11455.4	1158.1	11469.1	1180.3	11499.6
ET	19.635		7.1				9310	11548		
X1	19.635	94	9886.5	10373.6	495	490	492.64			
GR	1171.5	8844.5	1168.6	8851.4	1168.9	8887.3	1168.3	8944.6	1160.3	8993.3
GR	1159.6	9031.9	1162.1	9063.9	1165.1	9096.2	1165.9	9137.3	1165.5	9155.3
GR	1165.3	9187.3	1163.8	9230.2	1164.2	9287.3	1164.2	9308.2	1163.1	9333.9
GR	1162.7	9336.3	1162.9	9354.5	1162.1	9373.4	1161.9	9382.0	1162.7	9437.3
GR	1164.2	9493.2	1164.6	9587.3	1164.2	9608.7	1164.1	9658.4	1164.3	9687.3
GR	1163.9	9749.5	1164.0	9787.4	1163.4	9803.6	1162.4	9816.2	1160.3	9846.9
GR	1162.8	9873.9	1163.2	9886.5	1163.1	9916.0	1162.8	9937.4	1162.4	9997.1
GR	1161.5	10037.4	1160.3	10075.0	1163.4	10089.0	1163.4	10098.9	1162.7	10106.9
GR	1161.2	10130.5	1162.2	10146.2	1162.1	10178.8	1162.8	10190.5	1163.1	10199.7
GR	1162.9	10222.7	1161.4	10229.5	1161.6	10251.8	1160.9	10270.9	1159.1	10283.4
GR	1159.2	10332.8	1160.2	10341.4	1160.2	10351.7	1165.8	10373.6	1166.6	10387.4
GR	1167.2	10431.8	1166.4	10483.5	1165.9	10494.5	1166.1	10520.6	1166.6	10537.4
GR	1166.8	10587.4	1166.7	10637.4	1166.4	10665.4	1165.2	10693.4	1164.5	10706.0
GR	1165.1	10737.4	1164.4	10755.3	1165.2	10764.6	1165.1	10779.4	1166.2	10793.1
GR	1165.5	10815.7	1166.0	10837.4	1165.3	10875.5	1166.8	10905.4	1167.3	10937.3
GR	1166.5	10987.4	1166.4	11066.8	1166.8	11088.2	1167.1	11137.4	1166.2	11173.0
GR	1163.4	11184.9	1160.3	11203.8	1160.9	11237.4	1160.2	11306.7	1160.4	11308.8
GR	1161.1	11331.1	1160.3	11373.4	1161.1	11387.4	1161.4	11437.4	1161.2	11490.7
GR	1160.8	11508.6	1164.9	11525.1	1165.6	11547.0	1174.0	11562.2		
ET	19.732		7.1				9370	11690		
X1	19.732	92	9814.6	10230.7	510	490	508.23			
GR	1175.5	8868.3	1166.5	8887.2	1167.1	8918.3	1166.9	8968.3	1166.3	8975.6
GR	1166.3	8989.6	1164.8	9004.2	1164.5	9028.0	1166.1	9046.0	1166.3	9051.8
GR	1163.9	9063.8	1164.2	9099.1	1166.0	9119.1	1165.8	9161.8	1166.0	9168.3
GR	1165.3	9218.3	1164.0	9233.7	1163.4	9267.7	1164.3	9334.3	1167.0	9343.5
GR	1167.7	9353.8	1163.5	9366.0	1163.8	9380.2	1164.0	9418.3	1163.7	9464.3
GR	1165.2	9475.2	1165.5	9522.5	1166.1	9568.3	1165.7	9672.0	1165.1	9718.3
GR	1164.4	9738.6	1165.8	9768.3	1165.9	9814.6	1164.9	9817.3	1164.3	9824.3
GR	1163.6	9837.2	1163.7	9868.3	1164.6	9920.1	1163.4	10018.3	1164.0	10029.6
GR	1162.9	10068.3	1160.9	10168.3	1160.9	10215.6	1161.4	10218.3	1166.4	10230.7
GR	1167.7	10234.2	1167.4	10269.8	1167.5	10319.7	1168.3	10368.3	1167.7	10423.8
GR	1166.9	10462.9	1167.3	10474.2	1167.6	10500.5	1167.5	10518.9	1168.1	10568.8
GR	1167.5	10669.2	1166.5	10705.6	1167.5	10718.7	1167.9	10730.6	1166.9	10772.0
GR	1167.2	10796.9	1168.5	10812.7	1168.4	10870.5	1167.5	10903.8	1168.4	10919.1
GR	1169.2	10969.5	1169.1	11019.0	1168.3	11048.0	1168.0	11049.8	1163.4	11067.7
GR	1161.3	11082.6	1161.2	11119.4	1161.9	11170.0	1162.1	11220.2	1162.5	11268.3
GR	1161.7	11352.5	1163.5	11367.7	1164.4	11397.8	1167.9	11411.8	1167.6	11420.9

GR	1167.3	11518.3	1168.3	11568.3	1168.0	11614.6	1167.6	11617.0	1163.1	11633.5
GR	1163.2	11648.1	1166.2	11662.5	1166.5	11665.8	1166.8	11679.0	1167.9	11690.2
GR	1172.3	11710.0	1175.5	11718.7						
ET	19.827		7.1				9520	11727		
X1	19.827	95	9767.3	10149.0	500	500	501.12			
GR	1178.0	8900.5	1170.0	8912.8	1168.2	8969.2	1167.7	9001.5	1167.9	9005.5
GR	1165.4	9014.9	1166.3	9049.0	1165.4	9100.4	1165.5	9103.4	1165.6	9143.6
GR	1164.5	9199.0	1164.3	9230.1	1167.4	9242.0	1167.8	9248.0	1169.3	9299.0
GR	1169.3	9354.0	1169.0	9399.0	1167.1	9461.0	1168.2	9494.2	1168.2	9507.6
GR	1167.7	9549.8	1167.1	9560.5	1164.2	9580.6	1164.4	9627.4	1167.0	9635.5
GR	1166.4	9697.8	1166.7	9703.9	1166.7	9749.0	1167.1	9767.3	1164.6	9781.4
GR	1164.3	9788.9	1163.2	9800.0	1163.9	9849.0	1163.2	9888.5	1165.4	9918.7
GR	1165.9	9949.0	1165.0	9999.0	1164.4	10065.3	1166.9	10096.7	1168.3	10106.3
GR	1168.4	10149.0	1167.1	10201.0	1166.5	10211.5	1165.3	10219.7	1165.0	10233.6
GR	1167.7	10253.6	1169.2	10263.2	1169.3	10299.0	1168.9	10351.4	1169.3	10399.0
GR	1168.5	10499.0	1168.2	10549.1	1168.5	10599.0	1167.8	10609.1	1169.0	10622.5
GR	1168.8	10662.7	1167.1	10680.1	1168.8	10712.2	1168.6	10733.0	1168.3	10739.4
GR	1166.8	10749.0	1166.5	10799.9	1165.1	10853.4	1163.8	10898.8	1163.9	10904.9
GR	1165.1	10922.3	1164.1	10948.0	1163.8	10980.6	1163.1	10990.8	1162.4	10996.8
GR	1162.4	11007.9	1162.9	11050.9	1162.9	11103.1	1162.6	11130.8	1164.1	11149.0
GR	1164.0	11160.8	1164.2	11180.7	1167.2	11200.9	1169.8	11211.3	1169.9	11252.0
GR	1169.5	11348.0	1169.1	11399.0	1169.1	11452.8	1168.8	11503.0	1168.4	11594.7
GR	1168.4	11603.4	1169.5	11649.1	1168.9	11665.1	1168.0	11682.1	1164.7	11699.9
	1164.7	11717.7	1184.9	11756.7	1185.2	11760.4	1185.5	11775.5	1185.5	11785.4
ET	19.920		7.1				9660	11778		
X1	19.920	92	9744.6	10129.1	485	490	490.63			
GR	1178.8	8936.2	1171.6	8955.1	1171.3	8971.0	1171.5	8979.1	1170.6	9010.6
GR	1166.2	9025.5	1165.5	9076.6	1165.2	9081.9	1164.0	9087.0	1164.6	9106.2
GR	1165.7	9113.5	1166.0	9136.5	1167.7	9149.8	1167.2	9187.5	1169.4	9202.4
GR	1169.9	9229.1	1169.5	9379.1	1170.5	9429.1	1170.2	9479.1	1170.7	9529.1
GR	1170.3	9615.1	1169.1	9744.6	1164.4	9765.4	1164.0	9770.7	1164.4	9779.1
GR	1166.0	9979.1	1166.0	9992.3	1168.1	10020.8	1168.4	10037.3	1168.1	10100.3
GR	1168.3	10129.1	1167.2	10203.9	1169.4	10261.7	1171.0	10283.1	1169.9	10298.8
GR	1169.5	10326.3	1168.8	10347.5	1169.2	10396.8	1167.9	10408.8	1166.6	10448.3
GR	1166.5	10520.7	1168.2	10582.4	1168.0	10634.0	1167.0	10669.2	1167.2	10680.6
GR	1165.8	10699.5	1167.0	10718.9	1167.8	10722.3	1165.2	10737.5	1166.9	10752.3
GR	1166.4	10766.8	1164.3	10783.8	1164.0	10789.8	1165.0	10802.0	1165.1	10823.2
GR	1163.8	10843.8	1164.3	10871.0	1163.9	10886.4	1163.1	10895.5	1162.6	10925.7
GR	1163.9	10934.7	1164.0	10946.7	1165.5	10956.8	1168.4	10991.5	1166.2	11000.3
GR	1164.6	11008.2	1163.7	11016.1	1165.2	11030.7	1165.2	11074.7	1166.8	11106.6
GR	1172.2	11130.2	1172.1	11229.1	1171.1	11429.1	1171.0	11579.1	1170.6	11642.1
GR	1166.0	11658.7	1167.9	11676.5	1168.3	11683.2	1167.3	11706.3	1167.8	11716.6
GR	1168.9	11723.1	1168.6	11738.0	1167.8	11743.5	1168.4	11755.8	1169.8	11771.2
GR	1171.2	11779.0	1172.8	11784.1	1172.7	11786.2	1176.5	11794.7	1177.7	11801.3
GR	1187.7	11829.2	1188.1	11831.7						
ET	20.015		7.1				9700	11518		
	20.015	94	9722.6	10149.2	505	495	503.14			
	1179.3	8952.8	1167.1	8978.0	1167.6	9049.3	1167.6	9076.1	1167.9	9095.1
GR	1168.2	9099.3	1171.4	9132.8	1171.5	9156.9	1172.2	9199.2	1172.3	9207.0
GR	1172.8	9249.2	1172.5	9291.2	1172.4	9299.2	1172.0	9349.3	1172.1	9398.9
GR	1172.1	9440.9	1172.4	9493.3	1172.2	9549.3	1171.9	9561.2	1170.3	9595.5

GR	1170.2	9599.5	1170.0	9649.2	1170.6	9691.1	1170.3	9722.6	1166.5	9742.9
GR	1166.9	9799.2	1167.1	9839.7	1167.0	9858.9	1166.6	9899.3	1166.4	9939.4
GR	1166.3	9949.2	1166.3	9998.0	1166.1	10004.0	1169.8	10027.0	1169.2	10089.0
GR	1169.0	10099.3	1169.4	10149.2	1168.9	10188.7	1169.0	10199.2	1168.3	10219.8
GR	1167.7	10245.3	1168.0	10282.1	1169.0	10288.0	1169.0	10298.9	1169.5	10349.2
GR	1170.2	10399.3	1170.1	10410.5	1170.3	10449.3	1171.0	10499.3	1170.6	10537.7
GR	1170.7	10560.8	1170.3	10611.0	1170.4	10649.3	1170.3	10685.4	1170.0	10700.8
GR	1164.7	10731.7	1164.0	10754.1	1166.3	10768.6	1166.0	10805.8	1166.9	10820.8
GR	1165.7	10856.8	1168.7	10876.2	1170.0	10904.5	1169.6	10935.6	1169.1	10949.3
GR	1169.6	10999.3	1169.3	11007.1	1170.1	11050.5	1170.4	11057.6	1170.9	11088.5
GR	1170.8	11118.3	1170.0	11143.6	1166.9	11156.7	1166.9	11187.1	1169.0	11195.1
GR	1169.2	11213.6	1172.6	11223.2	1173.2	11227.3	1173.2	11230.5	1172.0	11244.7
GR	1173.6	11260.5	1173.2	11299.3	1173.5	11335.4	1172.8	11385.3	1172.8	11435.6
GR	1172.8	11439.8	1168.5	11453.0	1170.3	11468.9	1171.6	11479.2	1169.2	11506.8
GR	1170.6	11513.2	1179.2	11538.1	1182.3	11547.9	1184.8	11558.9		
ET	20.111		7.1				9732.7	11308		
X1	20.111	92	9732.8	10159.6	540	470	510.07			
GR	1180.7	8906.1	1170.0	8927.8	1167.7	8932.9	1167.9	8985.7	1168.1	9004.3
GR	1167.7	9015.7	1169.3	9023.9	1172.8	9036.4	1170.5	9059.5	1171.7	9109.4
GR	1172.4	9158.4	1172.5	9195.6	1172.3	9273.5	1172.3	9276.3	1174.7	9299.3
GR	1174.1	9341.9	1172.9	9356.8	1172.6	9408.7	1173.6	9458.8	1173.7	9490.5
GR	1173.9	9508.8	1173.7	9558.9	1174.0	9608.9	1174.0	9643.5	1173.6	9709.1
GR	1173.5	9724.6	1174.1	9732.8	1166.9	9749.6	1166.8	9757.5	1167.5	9809.2
GR	1167.6	9864.0	1167.7	9909.3	1166.9	9946.4	1167.4	9960.0	1167.7	9996.5
GR	1168.1	10005.9	1167.9	10014.0	1169.4	10051.4	1170.6	10075.8	1171.3	10159.6
GR	1171.2	10209.6	1170.3	10239.3	1169.7	10264.0	1169.9	10280.4	1170.9	10309.8
GR	1171.6	10341.4	1171.5	10359.8	1170.4	10409.9	1170.8	10432.8	1170.6	10459.9
GR	1172.0	10500.4	1172.0	10560.1	1172.2	10593.9	1174.4	10618.4	1174.5	10660.2
GR	1174.0	10710.2	1174.7	10760.3	1174.5	10775.1	1174.3	10779.8	1168.6	10812.4
GR	1167.9	10837.9	1165.5	10856.9	1165.3	10865.2	1166.4	10881.8	1167.7	10913.0
GR	1167.7	10951.4	1167.5	10959.4	1169.6	10974.2	1170.6	11011.5	1171.9	11105.2
GR	1171.9	11110.7	1169.8	11159.3	1171.2	11165.9	1169.0	11182.9	1168.9	11198.8
GR	1173.4	11226.5	1172.2	11253.6	1172.4	11258.7	1172.3	11272.3	1171.4	11281.3
GR	1170.1	11291.4	1170.3	11301.8	1172.7	11305.8	1186.5	11331.9	1191.9	11343.1
GR	1190.3	11353.5	1188.8	11376.7	1187.4	11391.8	1188.3	11399.8	1191.6	11420.0
GR	1193.1	11430.5	1194.6	11439.3						
ET	20.207		7.1				9760	11080		
X1	20.207	94	9827.4	10206.3	540	460	504.21			
GR	1180.3	8798.0	1170.5	8820.9	1170.7	8850.9	1170.6	8902.7	1170.6	8912.1
GR	1172.0	8927.7	1170.0	8934.5	1170.0	8960.3	1171.6	8984.1	1172.2	8989.2
GR	1173.6	8997.1	1173.5	8999.6	1174.8	9027.5	1175.2	9031.3	1175.5	9041.5
GR	1176.0	9050.1	1176.1	9085.7	1176.0	9131.3	1175.8	9150.7	1176.4	9196.1
GR	1176.4	9198.7	1174.1	9220.7	1174.5	9267.9	1174.6	9313.5	1175.2	9351.8
GR	1175.2	9359.0	1175.0	9402.0	1175.3	9455.0	1175.2	9502.5	1175.3	9541.2
GR	1175.2	9552.8	1175.5	9603.1	1175.4	9653.4	1174.7	9670.0	1174.4	9682.7
GR	1170.0	9699.4	1170.2	9718.5	1173.4	9730.4	1173.8	9777.7	1173.8	9785.8
GR	1172.9	9827.4	1167.2	9845.4	1167.2	9854.4	1167.3	9903.1	1167.3	9910.4
GR	1168.3	9947.5	1168.2	9965.0	1167.8	9994.8	1169.6	10015.7	1170.6	10032.0
GR	1169.4	10084.7	1168.6	10109.9	1170.6	10126.9	1169.8	10166.9	1172.0	10206.3
GR	1172.7	10240.2	1173.5	10256.6	1174.2	10296.3	1174.4	10306.8	1174.3	10313.7
GR	1171.9	10340.3	1171.8	10356.7	1172.6	10407.4	1171.9	10452.1	1171.9	10464.5
GR	1172.2	10507.9	1172.5	10554.9	1176.4	10594.0	1175.6	10636.6	1176.1	10658.7

GR	1175.1	10680.1	1174.7	10699.5	1174.3	10712.4	1172.7	10723.5	1172.8	10747.9
GR	1173.3	10763.9	1173.0	10768.2	1169.6	10786.5	1169.9	10793.8	1170.2	10814.5
GR	1169.5	10828.8	1170.5	10849.8	1171.3	10865.6	1172.5	10881.8	1172.1	10912.0
GR	1171.4	10952.6	1171.5	10966.0	1171.3	10970.0	1168.4	10990.2	1170.3	11012.0
GR	1170.0	11027.0	1169.5	11064.7	1180.4	11080.3	1184.1	11086.0		
ET	20.294		7.1				9740	10900		
X1	20.294	91	9840.3	10156.1	480	425	459.65			
GR	1183.1	8631.8	1183.3	8634.9	1174.5	8657.0	1174.7	8737.2	1173.9	8794.3
GR	1177.6	8816.0	1177.9	8832.2	1178.0	8858.2	1177.8	8894.5	1177.5	8921.8
GR	1177.7	8945.1	1178.3	8974.4	1178.4	8987.4	1176.7	9015.4	1175.0	9040.1
GR	1176.2	9074.2	1177.0	9096.5	1177.2	9147.1	1176.7	9197.6	1176.2	9231.4
GR	1176.1	9248.1	1176.1	9270.2	1175.9	9298.6	1175.5	9319.9	1175.1	9349.1
GR	1174.6	9388.0	1174.6	9399.6	1174.8	9435.3	1174.8	9439.2	1173.9	9450.1
GR	1174.1	9456.6	1174.1	9480.6	1174.9	9495.9	1174.9	9520.8	1174.4	9536.5
GR	1174.6	9543.3	1174.7	9551.1	1174.4	9576.3	1174.3	9579.6	1175.8	9592.7
GR	1175.9	9599.1	1176.0	9622.6	1176.2	9652.1	1175.4	9684.2	1175.0	9704.8
GR	1171.1	9742.7	1171.3	9781.5	1171.8	9804.7	1171.5	9806.9	1174.2	9840.3
GR	1169.6	9855.2	1169.3	9859.1	1169.2	9875.8	1168.9	9904.6	1167.8	9926.9
GR	1166.7	9955.9	1167.9	9973.8	1169.6	9999.9	1169.7	10002.3	1169.9	10022.5
GR	1170.3	10056.1	1170.4	10094.3	1170.5	10106.6	1171.3	10127.3	1171.9	10139.0
GR	1172.1	10156.1	1172.0	10180.7	1171.8	10209.8	1171.4	10253.1	1171.2	10258.1
GR	1171.3	10308.6	1170.7	10352.1	1172.2	10386.1	1172.9	10425.4	1173.1	10469.6
GR	1173.4	10513.8	1173.4	10558.1	1172.8	10611.6	1173.2	10662.1	1172.7	10705.6
	1172.7	10722.2	1174.0	10763.1	1173.4	10786.6	1169.8	10803.5	1170.6	10825.9
	1171.1	10835.2	1169.0	10851.6	1170.6	10866.0	1170.3	10874.0	1170.4	10890.2
GR	1185.8	10909.1								
ET	20.343	9.1	7.1				9720	10970	8518.4	10970
X1	20.343	92	9833.4	10157.0	250	255	261.59			
GR	1183.7	8518.4	1184.3	8527.2	1177.5	8542.0	1174.6	8549.0	1174.4	8627.7
GR	1175.1	8665.9	1178.5	8687.3	1178.3	8691.2	1179.2	8736.0	1179.0	8786.5
GR	1177.1	8845.0	1177.3	8857.9	1178.0	8887.4	1178.1	8927.5	1177.9	8988.4
GR	1176.6	9089.3	1176.1	9161.7	1175.3	9220.3	1175.5	9240.7	1176.3	9291.2
GR	1177.1	9392.2	1177.1	9442.6	1176.5	9478.0	1176.2	9522.4	1175.7	9543.6
GR	1175.5	9570.2	1175.8	9595.9	1175.5	9599.2	1174.3	9622.0	1173.8	9640.3
GR	1172.4	9656.8	1172.2	9662.9	1172.7	9681.1	1173.9	9690.9	1173.7	9708.3
GR	1172.0	9720.0	1173.0	9772.8	1174.3	9796.0	1174.7	9817.4	1175.5	9827.9
GR	1175.5	9833.4	1174.3	9864.1	1169.2	9880.4	1168.7	9896.9	1168.8	9948.1
GR	1170.1	9997.9	1169.4	10048.4	1173.2	10070.6	1173.6	10100.8	1173.7	10157.0
GR	1173.1	10208.7	1172.4	10233.8	1172.6	10300.7	1170.9	10352.6	1172.3	10374.0
GR	1173.2	10508.3	1173.4	10603.5	1172.3	10681.6	1170.9	10738.2	1173.9	10753.6
GR	1175.2	10761.2	1175.3	10806.7	1175.8	10855.9	1175.9	10906.4	1175.6	10933.4
GR	1175.3	10944.7	1173.6	10962.7	1175.2	10979.9	1175.5	10986.3	1174.9	10995.0
GR	1174.1	11000.8	1175.1	11037.9	1175.6	11044.8	1175.6	11080.8	1174.6	11102.7
GR	1174.6	11107.5	1175.4	11121.0	1176.3	11129.2	1176.1	11133.7	1176.7	11156.7
GR	1177.0	11158.7	1177.1	11198.7	1176.9	11211.4	1176.0	11226.6	1177.7	11247.1
GR	1177.3	11263.8	1175.4	11285.2	1179.7	11293.7	1187.1	11310.2	1193.5	11328.7
GR	1196.3	11336.3	1196.5	11348.3						

ET	20.388	9.1	7.1				9700	10820	8425.3	10820
X1	20.388	94	9863.1	10226.4	220	220	232.89			
GR	1185.2	8425.3	1182.6	8431.0	1182.4	8432.3	1175.7	8446.9	1176.3	8454.4
GR	1177.0	8516.0	1177.1	8532.1	1179.7	8548.7	1180.1	8583.6	1179.7	8633.4
GR	1178.9	8667.4	1179.5	8735.1	1178.8	8785.6	1178.1	8836.0	1177.2	8886.5
GR	1176.4	8936.9	1176.9	8987.4	1177.3	9048.1	1177.8	9138.8	1178.0	9211.3
GR	1177.9	9239.7	1177.5	9290.1	1177.2	9340.6	1176.4	9386.2	1175.3	9393.7
GR	1175.1	9410.9	1176.6	9423.2	1177.1	9441.4	1176.6	9491.9	1176.3	9542.4
GR	1176.0	9585.5	1173.9	9628.1	1174.1	9633.3	1173.6	9678.1	1173.8	9693.8
GR	1173.0	9722.0	1177.1	9750.7	1177.9	9759.3	1178.1	9795.2	1178.1	9845.8
GR	1177.2	9863.1	1169.2	9883.0	1169.1	9951.8	1168.9	9969.4	1171.5	10028.5
GR	1172.3	10047.0	1172.4	10072.9	1173.7	10088.2	1174.3	10147.9	1174.5	10226.4
GR	1174.4	10248.8	1172.5	10294.5	1171.7	10301.7	1171.7	10336.7	1173.1	10342.4
GR	1172.8	10388.8	1173.3	10396.8	1173.6	10450.6	1173.6	10501.1	1173.9	10551.6
GR	1174.3	10602.0	1173.6	10648.0	1173.7	10685.9	1176.1	10712.0	1176.3	10745.5
GR	1174.5	10767.4	1176.2	10781.9	1175.5	10801.2	1176.8	10853.9	1174.2	10871.8
GR	1174.1	10877.3	1175.2	10891.8	1176.2	10895.9	1177.0	10903.9	1176.1	10906.0
GR	1176.7	10908.5	1176.6	10928.3	1176.2	10941.8	1174.8	10960.0	1173.7	10969.3
GR	1173.7	10989.9	1174.7	10997.7	1174.4	11009.5	1175.5	11024.7	1176.1	11042.0
GR	1177.2	11052.9	1179.3	11067.1	1176.3	11108.0	1176.1	11120.0	1177.0	11136.0
GR	1177.8	11165.7	1178.2	11201.4	1177.8	11234.0	1185.1	11255.5		
ET	20.435	9.1	7.1				9670	10650	8338	10650
X1	20.435	91	9851.4	10253.1	210	270	248.16			
GR	1184.0	8319.7	1185.2	8324.2	1186.1	8337.9	1183.1	8345.3	1176.6	8359.5
GR	1178.1	8374.5	1178.2	8396.4	1179.4	8424.4	1179.4	8441.8	1180.1	8458.0
GR	1180.8	8467.6	1181.8	8500.4	1179.8	8546.1	1178.8	8646.5	1177.9	8699.4
GR	1177.4	8713.3	1178.3	8797.1	1178.5	8847.4	1178.3	8897.6	1178.6	8948.3
GR	1178.4	9058.1	1178.6	9098.4	1177.5	9230.4	1176.5	9260.7	1177.7	9299.2
GR	1177.4	9359.3	1177.8	9408.2	1177.5	9449.8	1176.4	9537.5	1176.1	9547.1
GR	1174.8	9563.7	1173.1	9580.4	1173.8	9600.4	1173.9	9637.7	1176.7	9664.4
GR	1179.3	9701.7	1179.5	9751.1	1178.5	9801.2	1178.5	9822.5	1178.0	9851.4
GR	1178.6	9901.2	1178.0	9906.1	1177.3	9914.4	1169.2	9937.3	1169.5	9952.3
GR	1169.5	10002.1	1168.8	10040.0	1169.9	10052.4	1171.7	10095.9	1171.8	10135.5
GR	1174.3	10173.4	1174.7	10202.9	1175.0	10253.1	1174.4	10274.5	1172.5	10299.7
GR	1171.8	10325.7	1174.0	10341.3	1174.6	10351.3	1175.4	10403.7	1175.9	10510.3
GR	1175.9	10552.6	1175.2	10610.7	1174.3	10653.3	1173.9	10656.4	1178.0	10670.4
GR	1178.5	10704.9	1178.3	10755.2	1178.9	10805.4	1179.0	10855.6	1178.0	10865.5
GR	1177.1	10913.1	1179.6	10939.4	1180.1	10946.5	1180.2	10961.4	1179.7	10978.1
GR	1179.2	11030.9	1180.5	11053.2	1180.8	11065.3	1181.1	11107.6	1180.2	11156.8
GR	1180.1	11169.5	1178.2	11181.0	1177.7	11186.3	1177.8	11194.5	1178.6	11207.1
GR	1178.0	11210.8	1182.1	11220.8	1180.9	11320.0	1181.1	11333.8	1182.2	11357.6
GR	1182.2	11362.7								
ET	20.483		7.1				9670	10540		
X1	20.483	93	9924.8	10441.0	220	265	252.75			
GR	1186.8	8263.7	1179.7	8280.2	1180.0	8322.1	1180.3	8329.5	1181.4	8372.2
GR	1181.8	8419.8	1181.9	8426.0	1180.1	8444.4	1178.2	8471.9	1179.1	8483.9
GR	1179.2	8522.5	1179.4	8572.6	1179.2	8599.6	1179.3	8622.6	1179.1	8648.5
GR	1179.1	8672.7	1179.4	8701.7	1179.5	8722.8	1179.3	8754.9	1179.2	8772.9
GR	1179.0	8808.1	1178.8	8823.0	1178.7	8861.2	1178.8	8923.1	1179.0	8967.6
GR	1179.5	9023.3	1179.6	9073.9	1179.2	9120.3	1177.6	9174.7	1178.0	9188.8
GR	1178.6	9223.7	1178.1	9262.6	1178.2	9269.2	1178.5	9273.8	1178.5	9286.6

GR	1178.8	9323.8	1178.6	9356.9	1178.2	9393.0	1177.7	9442.8	1176.9	9467.8
GR	1176.3	9494.6	1175.1	9518.0	1174.9	9524.2	1174.6	9548.7	1174.6	9568.6
GR	1173.9	9585.8	1175.4	9604.3	1176.3	9623.3	1176.3	9630.5	1175.8	9644.6
GR	1175.7	9662.5	1180.0	9677.0	1180.2	9679.5	1179.9	9714.4	1179.5	9765.2
GR	1179.5	9782.9	1179.4	9824.7	1179.4	9828.6	1179.2	9874.1	1179.1	9883.1
GR	1178.4	9904.4	1177.2	9916.7	1178.2	9924.8	1175.3	9975.1	1170.8	9990.8
GR	1170.8	10003.0	1170.5	10028.5	1170.1	10033.8	1173.5	10053.7	1174.0	10070.3
GR	1169.8	10095.7	1170.0	10137.2	1171.6	10174.3	1171.7	10202.8	1173.0	10231.2
GR	1173.4	10258.1	1173.0	10275.4	1172.9	10319.3	1174.2	10338.7	1174.2	10342.3
GR	1175.2	10363.1	1174.9	10375.3	1175.0	10397.1	1174.5	10413.3	1173.9	10422.8
GR	1176.3	10441.0	1176.4	10463.8	1176.3	10472.3	1176.4	10475.8	1176.2	10495.4
GR	1175.5	10525.7	1180.2	10541.1	1194.5	10574.4				
ET	20.579		7.1				9660	10345.6		
X1	20.579	90	9825.6	10324.2	455	540	509.77			
GR	1187.1	8154.9	1187.7	8167.0	1186.3	8171.3	1181.5	8181.2	1180.5	8183.9
GR	1181.5	8211.3	1182.1	8225.6	1180.3	8267.5	1180.0	8285.3	1180.1	8291.4
GR	1181.6	8304.5	1180.1	8325.6	1180.2	8333.6	1181.1	8375.6	1180.9	8475.6
GR	1180.8	8525.6	1180.8	8533.2	1180.7	8575.6	1180.6	8616.2	1180.7	8639.9
GR	1179.3	8655.2	1180.4	8665.9	1180.7	8676.6	1180.9	8725.6	1181.0	8732.8
GR	1181.0	8775.6	1180.9	8782.8	1180.8	8825.6	1181.2	8868.7	1181.2	8882.5
GR	1180.2	8925.6	1179.0	8975.6	1178.6	8985.4	1180.8	9024.9	1181.1	9067.4
GR	1181.2	9082.0	1182.2	9125.3	1182.1	9132.1	1180.2	9175.6	1179.4	9207.4
GR	1179.4	9223.9	1179.0	9275.6	1178.1	9306.4	1177.8	9314.2	1178.8	9325.0
	1179.0	9331.8	1178.4	9366.8	1178.6	9375.6	1178.1	9387.0	1178.3	9409.4
	1178.2	9419.5	1178.3	9425.2	1177.9	9429.4	1176.8	9470.7	1177.2	9504.7
GR	1179.5	9516.6	1180.9	9522.3	1181.2	9526.6	1181.0	9570.8	1181.3	9593.3
GR	1181.6	9605.0	1181.1	9633.2	1180.5	9675.1	1180.8	9698.9	1180.9	9705.1
GR	1179.3	9722.0	1179.4	9728.3	1178.3	9740.1	1177.1	9774.3	1178.1	9796.9
GR	1178.8	9823.3	1179.0	9825.6	1177.7	9860.0	1176.0	9920.5	1175.8	9925.6
GR	1175.8	9930.5	1176.0	9975.6	1174.7	10003.0	1174.8	10030.3	1175.0	10078.6
GR	1174.6	10130.3	1174.1	10161.8	1172.7	10174.0	1172.6	10202.0	1172.4	10229.9
GR	1171.9	10275.6	1172.4	10309.2	1176.7	10322.2	1177.8	10324.2	1194.8	10345.6
ET	20.675	9.1	7.1				9630	10226.6	8290.2	10226.6
X1	20.675	86	9893.4	10206.8	500	505	502.63			
GR	1187.2	8102.8	1180.9	8117.2	1178.1	8123.8	1179.2	8150.2	1180.2	8195.0
GR	1180.6	8207.9	1181.4	8222.1	1182.5	8243.0	1182.9	8257.2	1183.4	8272.8
GR	1183.8	8281.0	1185.6	8290.2	1182.9	8303.1	1183.0	8309.7	1183.5	8319.5
GR	1183.5	8355.9	1183.3	8403.0	1183.4	8406.4	1182.9	8451.4	1182.4	8455.1
GR	1183.3	8498.6	1183.3	8502.9	1182.5	8553.0	1182.6	8567.0	1183.2	8589.7
GR	1182.8	8607.9	1182.8	8615.6	1183.6	8634.3	1183.5	8655.9	1183.1	8703.0
GR	1183.2	8705.9	1183.8	8753.0	1183.8	8755.9	1183.3	8802.9	1183.3	8805.9
GR	1182.6	8853.0	1181.8	8903.0	1181.1	8952.9	1180.7	8988.8	1180.6	9003.4
GR	1180.4	9019.7	1180.5	9036.3	1180.0	9045.7	1180.1	9046.3	1178.6	9064.4
GR	1178.3	9104.2	1178.1	9119.3	1179.5	9127.2	1179.9	9148.8	1180.6	9158.4
GR	1181.2	9164.0	1181.5	9203.3	1180.1	9218.5	1181.3	9253.0	1180.8	9306.0
GR	1180.4	9353.0	1180.7	9403.0	1180.7	9406.0	1179.8	9453.0	1180.0	9471.2
GR	1180.4	9476.2	1181.4	9503.2	1180.5	9549.9	1180.4	9582.1	1180.7	9604.9
	1180.6	9653.8	1180.6	9701.5	1180.6	9706.0	1178.3	9756.0	1177.6	9803.0
	1176.5	9840.8	1177.8	9852.9	1177.7	9853.9	1177.4	9893.4	1175.9	9901.2
GR	1174.1	9914.2	1174.7	9956.1	1174.9	10006.1	1174.4	10056.1	1174.1	10103.0
GR	1173.4	10134.7	1171.7	10147.6	1171.3	10152.8	1172.3	10193.6	1172.7	10206.8
GR	1185.4	10226.6								

ET	20.769	9.1	7.1				9500	10280	8349.4	10280
X1	20.769	95	9822.3	10243.0	465	500	497.97			
GR	1187.2	7959.7	1185.7	7966.3	1184.0	8001.8	1183.2	8030.1	1182.9	8031.8
GR	1182.4	8053.4	1182.2	8081.3	1182.5	8103.4	1181.3	8129.6	1179.9	8153.5
GR	1179.2	8171.1	1179.6	8207.2	1179.7	8232.9	1181.7	8253.6	1182.8	8274.4
GR	1184.3	8313.3	1184.8	8336.1	1187.0	8346.4	1187.4	8349.4	1185.0	8359.0
GR	1185.1	8403.6	1185.4	8453.6	1185.3	8503.7	1185.3	8542.6	1185.3	8553.7
GR	1185.2	8594.5	1185.1	8612.4	1184.6	8653.8	1184.4	8698.3	1184.4	8703.8
GR	1184.3	8750.2	1183.8	8802.2	1183.7	8805.5	1183.1	8854.7	1182.7	8870.4
GR	1179.6	8891.8	1180.4	8911.9	1181.0	8942.2	1181.9	8953.4	1179.5	8973.2
GR	1182.0	8987.4	1182.5	9004.0	1183.3	9046.9	1183.2	9061.7	1183.0	9104.1
GR	1182.6	9143.5	1182.6	9156.5	1182.2	9204.6	1182.2	9208.4	1183.6	9221.6
GR	1182.0	9254.2	1181.3	9293.0	1181.0	9311.6	1181.7	9331.7	1182.4	9343.6
GR	1179.6	9391.7	1179.2	9398.0	1179.3	9399.9	1178.3	9413.5	1178.4	9453.7
GR	1178.5	9471.2	1180.1	9489.8	1181.2	9554.4	1181.3	9604.4	1181.2	9642.1
GR	1179.5	9656.0	1179.4	9698.0	1179.6	9707.7	1179.3	9715.9	1179.3	9754.5
GR	1179.3	9771.1	1178.5	9804.5	1177.9	9822.3	1175.5	9838.8	1173.2	9852.6
GR	1173.1	9865.1	1174.5	9886.2	1175.4	9907.6	1176.5	9946.4	1177.2	9992.3
GR	1177.1	10007.2	1178.3	10020.8	1178.5	10045.0	1178.5	10059.6	1177.2	10104.8
GR	1177.1	10109.1	1176.7	10154.8	1175.7	10170.6	1173.2	10185.2	1174.0	10193.7
GR	1174.5	10204.4	1175.0	10209.3	1176.1	10243.0	1178.0	10265.1	1186.5	10280.8

GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-EFFECTIVE FLOW AREA BETWEEN SECTIONS 20.864 TO 8.875.

QT	2	35000	35000							
ET	20.864	9.1	7.1				9340	10310	8413.1	10533.4
X1	20.864	78	9780.3	10262.5	460	505	502.57			
GR	1192.1	8048.2	1193.3	8058.7	1184.3	8078.9	1184.4	8117.8	1182.1	8154.4
GR	1179.9	8175.6	1179.8	8182.8	1179.2	8225.7	1179.8	8277.1	1180.6	8309.6
GR	1183.4	8325.9	1184.2	8376.1	1183.6	8407.5	1186.8	8413.1	1185.0	8422.0
GR	1185.0	8464.0	1185.1	8466.4	1184.1	8491.3	1184.3	8500.7	1184.0	8518.0
GR	1184.0	8750.2	1185.2	8777.2	1185.0	8789.4	1185.4	8839.5	1185.4	8879.7
GR	1184.7	8928.4	1184.4	8977.8	1183.9	9033.9	1183.4	9078.0	1182.9	9142.2
GR	1182.7	9178.3	1181.9	9223.5	1181.4	9243.9	1179.9	9280.7	1179.8	9302.2
GR	1180.0	9334.7	1179.6	9378.9	1180.1	9408.1	1182.7	9436.8	1183.9	9480.7
GR	1184.6	9494.7	1186.1	9509.8	1185.7	9525.0	1185.6	9540.4	1184.2	9550.0
GR	1184.3	9582.7	1184.5	9629.6	1184.1	9679.7	1183.3	9724.5	1180.8	9739.2
GR	1181.6	9780.3	1177.9	9794.7	1176.4	9839.2	1176.0	9855.0	1177.7	9872.2
GR	1179.0	9922.1	1179.2	9933.9	1178.2	9948.4	1178.4	9980.5	1178.1	10009.1
GR	1177.9	10074.3	1177.1	10131.0	1176.7	10181.1	1176.9	10231.2	1177.6	10239.2
GR	1182.0	10262.5	1182.9	10281.4	1182.9	10329.3	1182.9	10331.5	1181.4	10376.0
GR	1181.2	10381.7	1180.5	10422.6	1180.4	10431.8	1180.6	10471.3	1179.5	10486.7
GR	1186.6	10504.1	1197.0	10532.3	1198.1	10533.4				

ET	20.958	9.1	7.1				9250	10383.9	8780	10760
X1	20.958	95	9787.3	10383.8	390	530	496.89			
GR	1188.2	8125.7	1182.5	8139.8	1182.5	8144.8	1181.8	8169.4	1178.3	8186.1
GR	1176.6	8194.6	1171.4	8234.1	1170.3	8245.5	1169.9	8289.9	1170.3	8302.9
GR	1178.6	8350.6	1178.9	8364.3	1180.0	8398.1	1180.3	8401.0	1181.7	8450.2
GR	1182.2	8482.2	1186.0	8500.0	1185.8	8522.0	1185.9	8550.7	1187.0	8601.5
GR	1187.1	8619.9	1186.5	8666.9	1186.0	8727.2	1185.5	8758.0	1188.4	8768.6
GR	1190.7	8779.0	1190.0	8792.4	1188.7	8797.4	1187.1	8806.2	1185.4	8840.8
GR	1184.5	8854.0	1183.3	8880.1	1182.2	8898.2	1181.9	8914.9	1181.9	8958.1

GR	1182.8	9008.4	1182.7	9012.1	1182.5	9059.2	1182.5	9073.3	1182.2	9129.6
GR	1182.4	9137.1	1184.0	9146.5	1185.8	9160.2	1185.7	9165.1	1185.9	9206.8
GR	1186.6	9262.7	1186.0	9306.7	1186.3	9348.8	1186.5	9364.4	1186.5	9413.0
GR	1185.2	9429.8	1185.6	9446.7	1187.5	9458.7	1187.4	9462.9	1187.8	9482.2
GR	1187.8	9489.3	1185.8	9500.6	1186.7	9505.2	1187.2	9516.8	1186.7	9567.8
GR	1186.5	9606.1	1186.4	9649.0	1186.1	9693.3	1186.0	9707.0	1186.1	9716.3
GR	1186.0	9754.4	1182.9	9766.6	1183.3	9775.2	1183.3	9787.3	1182.8	9819.2
GR	1182.8	9830.2	1178.3	9844.3	1179.2	9873.0	1178.5	9923.9	1178.9	9977.2
GR	1180.5	9987.5	1180.5	10018.6	1180.3	10034.9	1180.5	10076.4	1180.9	10127.3
GR	1180.9	10135.8	1180.7	10177.0	1179.8	10229.0	1178.5	10262.0	1177.5	10292.1
GR	1176.6	10363.7	1181.5	10383.8	1183.9	10392.4	1183.9	10432.5	1184.6	10483.3
GR	1184.6	10534.2	1184.4	10605.2	1182.1	10732.8	1182.1	10742.4	1194.0	10760.0
ET	21.061	9.1	7.1				9250	10350	9030.0	11069.0
X1	21.061	91	9850.0	10325.4	340	655	542.53			
GR	1192.3	8187.5	1193.6	8199.8	1189.5	8209.0	1183.9	8222.8	1181.3	8275.7
GR	1180.7	8281.3	1176.2	8309.6	1172.9	8328.7	1170.6	8354.0	1169.6	8374.3
GR	1170.2	8419.5	1173.2	8441.0	1178.8	8476.8	1179.2	8546.0	1181.2	8600.3
GR	1182.7	8641.1	1183.9	8654.5	1184.0	8682.4	1183.3	8698.6	1186.2	8709.3
GR	1184.9	8751.7	1184.6	8793.6	1184.6	8825.8	1183.8	8864.9	1181.9	8896.9
GR	1181.2	8905.0	1182.6	8920.7	1181.9	8936.5	1184.6	8966.0	1186.2	9012.8
GR	1186.5	9066.3	1186.8	9089.3	1186.6	9135.6	1187.9	9174.9	1187.5	9248.1
GR	1187.1	9253.5	1186.3	9257.6	1188.6	9298.0	1188.2	9312.4	1188.6	9375.9
GR	1188.2	9464.9	1188.1	9524.0	1187.6	9578.3	1187.4	9633.7	1187.6	9687.0
	1187.0	9708.5	1187.3	9759.1	1188.0	9819.5	1186.6	9833.7	1184.5	9850.0
	1180.3	9895.6	1178.2	9905.8	1176.5	9918.9	1177.1	9938.7	1178.4	9958.7
GR	1177.4	10008.7	1177.7	10013.0	1177.6	10034.7	1179.6	10051.0	1180.8	10057.9
GR	1180.9	10075.4	1180.8	10114.7	1180.4	10128.6	1177.3	10169.8	1179.1	10230.4
GR	1179.5	10284.2	1179.6	10293.5	1183.4	10312.3	1186.3	10325.4	1185.8	10390.7
GR	1185.5	10447.7	1184.9	10502.0	1183.2	10563.5	1184.4	10574.9	1186.2	10597.2
GR	1185.0	10613.0	1186.9	10632.0	1186.2	10655.8	1186.2	10687.3	1184.2	10703.6
GR	1186.2	10721.5	1187.1	10781.1	1186.9	10862.9	1186.7	10908.8	1186.4	10926.9
GR	1186.7	10936.8	1187.1	10987.6	1186.1	11012.0	1185.1	11025.4	1187.9	11045.4
GR	1201.2	11069.0								
NC	.055	.055	.050							
ET	21.157	9.1	7.1				9266.8	10400	9266.8	11150
X1	21.157	94	9377.3	10376.3	340	630	509.07			
GR	1196.0	8182.2	1196.1	8184.4	1192.4	8197.1	1193.5	8208.0	1190.1	8223.3
GR	1192.3	8246.0	1191.3	8258.3	1191.4	8264.6	1185.1	8308.7	1183.7	8336.5
GR	1178.7	8387.1	1178.6	8397.0	1176.3	8432.1	1178.3	8441.8	1178.4	8451.5
GR	1174.2	8500.1	1177.8	8540.9	1176.3	8561.5	1178.2	8580.0	1178.9	8639.9
GR	1178.2	8716.7	1179.2	8747.3	1183.6	8782.5	1186.2	8836.0	1186.5	8874.3
GR	1190.0	8897.8	1188.6	8906.8	1183.1	8932.9	1180.4	8972.1	1185.7	8984.7
GR	1186.8	9024.0	1187.7	9034.5	1188.7	9146.7	1188.2	9196.4	1192.8	9211.2
GR	1190.5	9217.8	1188.1	9230.5	1188.8	9257.6	1192.1	9266.8	1189.1	9277.5
GR	1189.4	9367.8	1185.9	9377.3	1182.5	9384.7	1181.9	9399.5	1182.3	9456.5
GR	1182.5	9511.2	1184.9	9522.6	1180.2	9540.1	1180.6	9541.0	1177.1	9550.4
GR	1176.6	9577.6	1178.1	9602.3	1183.1	9638.6	1183.9	9649.3	1183.1	9683.8
	1184.0	9765.7	1183.5	9878.7	1182.8	9910.1	1182.8	9964.5	1184.0	10008.6
	1182.8	10105.5	1181.2	10118.2	1179.8	10219.2	1180.3	10232.0	1181.5	10240.1
GR	1180.0	10253.7	1178.3	10263.7	1179.9	10279.0	1181.6	10309.5	1181.9	10376.3
GR	1182.8	10398.0	1180.6	10404.6	1181.2	10411.2	1189.3	10440.4	1192.8	10455.2
GR	1190.9	10477.1	1189.6	10532.3	1189.2	10587.0	1187.0	10615.5	1188.7	10633.4

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GR   1187.8   10655.0   1189.5   10676.2   1189.4   10771.4   1187.0   10831.3   1189.3   10874.0
GR   1189.6   10891.0   1189.2   10950.8   1189.8   10981.9   1189.6   11039.8   1190.2   11134.4
GR   1189.9   11240.1   1188.9   11348.5   1189.6   11427.1   1197.9   11459.8
   GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-
   EFFECTIVE FLOW AREA BETWEEN SECTIONS 21.245 TO 21.621.

ET   21.245      9.1      7.1                                 9250    10320     9250    10700
X1   21.245       83   9830.3   10274.8       365       530  464.18
GR   1189.8   8059.3   1182.0    8098.8   1180.6    8259.4   1179.6    8277.2   1181.8    8354.9
GR   1179.6   8508.9   1180.1    8520.4   1180.4    8594.3   1181.9    8612.9   1184.4    8674.1
GR   1186.3   8695.9   1188.1    8708.5   1188.0    8778.1   1191.5    8792.1   1187.5    8814.0
GR   1180.6   8827.9   1166.1    8849.4   1162.8    8855.2   1155.2    8874.7   1153.4    8881.1
GR   1156.5   8986.8   1155.0    9016.0   1153.3    9033.0   1152.1    9074.9   1152.6    9084.2
GR   1155.6   9101.6   1156.7    9127.2   1165.9    9143.3   1166.5    9172.0   1170.4    9186.5
GR   1171.5   9205.4   1174.3    9224.6   1185.3    9251.8   1185.4    9277.5   1178.0    9296.4
GR   1178.0   9417.8   1182.2    9424.6   1186.7    9464.7   1185.4    9495.4   1186.2    9538.0
GR   1190.3   9559.9   1186.7    9576.3   1187.4    9655.7   1186.9    9762.4   1185.8    9815.0
GR   1189.6   9830.3   1188.4    9868.8   1188.2    9917.2   1187.3    9946.4   1184.0    9957.5
GR   1184.0  10259.1   1187.3   10274.8   1191.3   10280.2   1192.0   10343.4   1194.8   10353.8
GR   1193.2  10361.0   1190.5   10380.9   1191.6   10445.1   1191.0   10586.7   1187.8   10629.2
GR   1187.5  10645.3   1192.0   10690.1   1191.2   10765.9   1191.7   10829.0   1190.1   10882.1
GR   1191.2  10907.9   1191.3   10988.3   1188.8   11005.8   1190.8   11025.9   1190.8   11052.0
GR   1190.2  11059.2   1191.3   11115.0   1191.5   11256.0   1190.8   11433.8   1191.5   11600.1
GR   1191.5  11664.2   1193.4   11728.3   1194.9   11740.7   1193.0   11749.4   1197.7   11800.2
GR   1199.0  11807.0   1202.1   11817.5   1204.7   11830.9

ET   21.337      9.1      7.1                                 9294    10260     9230    11100
X1   21.337       53   9295.0   10151.3       375       530  483.32
GR   1194.0   7780.0   1188.1    7798.0   1186.3    7798.5   1186.9    7850.9   1194.2     7877
GR   1188.5   7898.8   1188.5    8011.8   1191.9    8028.8   1191.2    8030.2   1191.8    8048.6
GR   1188.8     8083   1190.4    8214.8   1191.4    8241.5   1186.3    8289.9   1184.4    8373.3
GR   1185.7     8418     1190    8453.9   1191.2    8486.4   1190.5      8547   1194.6      8563
GR   1192.0     8572   1192.0    9178.0   1189.5    9220.3   1186.2    9225.8   1185.8      9237
GR     1190   9242.9   1181.3    9263.3   1180.0    9295.0   1180.0   10151.3   1188.5   10161.6
GR   1182.8  10181.8   1185.1   10219.6   1186.5   10229.9   1185.3   10335.4   1194.1   10351.5
GR   1190.7  10410.9     1193   10592.7     1192   10714.5   1190.2   10759.9   1190.6   10824.7
GR   1194.3  10834.7   1190.2   10849.7   1192.5   10865.6   1193.2   11035.2   1193.6   11182.8
GR   1192.7    11374   1192.4   11530.2   1192.7   11698.9   1192.8   11850.1     1194   12038.7
GR   1195.2  12051.6   1195.2   12071.1     1198   12092.1

ET   21.431      9.1      7.1                                 9400   10343.6     9350   10343.6
X1   21.431       75   9467.9   10343.5       465       430  495.67
GR   1195.9   7596.7   1191.5    7612.7   1191.4    7644.6   1196.1    7665.8   1189.9    7681.7
GR   1191.3   7876.2   1193.0    7887.7   1192.5    8007.9   1185.7    8031.5   1185.9    8041.4
GR   1192.9   8065.9   1190.8    8089.6   1191.6    8356.5   1193.7    8627.3   1195.3    8703.6
GR   1196.7   8717.0   1195.1    8733.0   1205.5    8755.9   1205.1    8780.9   1199.7    8795.6
GR   1196.6   8800.4   1196.9    8892.0   1202.5    8926.6   1201.4    8930.6   1203.4    8949.5
GR   1199.5   8989.0   1195.1    9005.1   1191.3    9141.2   1193.3    9161.8   1194.7    9167.9
GR   1193.7   9177.6   1190.6    9190.7   1190.4    9217.3   1191.3    9222.0   1189.3    9238.6
GR   1190.4   9361.8   1187.8    9437.8   1191.1    9467.9   1181.0    9503.2   1181.0    9799.0
GR   1189.0   9800.0   1189.0    9908.9   1189.0   10297.8   1193.9   10343.5   1192.1   10360.2
GR   1187.6  10374.6   1186.6   10495.9   1187.6   10526.0   1191.0   10541.7   1193.0   10600.4
GR   1189.2  10648.7   1190.5   10725.7   1189.2   10747.4   1192.0   10769.6   1193.8   10884.0
GR   1191.3  10913.5   1192.6   10942.3   1193.3   10978.9   1191.6   11001.4   1193.8   11018.7
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GR	1194.8	11074.7	1193.2	11110.2	1193.9	11147.9	1192.9	11175.9	1194.9	11305.7
GR	1193.2	11532.5	1194.0	11644.1	1192.2	11705.1	1194.0	12017.4	1193.5	12215.3
GR	1194.4	12220.4	1195.6	12414.0	1197.2	12438.2	1206.9	12475.0	1211.6	12485.0
ET	21.524	9.1	7.1				9603.9	10541	9603.9	10572.6
X1	21.524	69	9604.0	10540.4	485	425	491.44			
GR	1194.5	8096.9	1197.9	8136.1	1196	8210.6	1196.7	8238.8	1199.2	8260.9
GR	1199.3	8280.5	1195.9	8294.2	1196.9	8382.3	1200.4	8392.6	1205.2	8422.5
GR	1198.2	8542.8	1194.6	8581.5	1193.7	8640.5	1196.6	8647.3	1190.7	8665
GR	1190.6	8702.8	1194.8	8715.7	1194.5	8741.5	1196.3	8754.3	1196.1	8855
GR	1191.5	8876.7	1191.5	8929.1	1197.6	8948.6	1197	8990.2	1193.8	9012.5
GR	1195.3	9021.3	1194.1	9027.6	1194.1	9058.8	1197.3	9064.9	1195.8	9185.3
GR	1198.5	9215.4	1196.8	9254	1195.4	9259.8	1194.9	9275.9	1190.0	9280.0
GR	1190.0	9545.8	1194.1	9561.9	1190.6	9573.8	1190	9594.8	1193.6	9604
GR	1182	9632.4	1182	10061	1189	10062.2	1189	10486.8	1191.2	10540.4
GR	1192.9	10559.8	1196.7	10572.6	1192.4	10584.3	1193.8	10677.5	1187.2	10691.3
GR	1187.5	10744.6	1194.8	10763.8	1194.7	10840.4	1193	10861.3	1194.8	10882.8
GR	1194.9	11070.1	1192.5	11095.7	1190.8	11198.3	1193.8	11243	1195.2	11594.2
GR	1193.9	11639.9	1195.3	11794.6	1195	12097.6	1195.5	12409.6	1196.4	12718.2
GR	1198.3	12802.6	1222.7	12877.5	1223.1	12907.4	1228.1	12917.1		
ET	21.621	9.1	7.1				9670	10530	9607.6	10560.1
X1	21.621	67	9833.1	10412.0	545	370	511.28			
GR	1202.3	8823.8	1199.1	8874.1	1199.1	9025.5	1198.1	9043.9	1197.8	9224.8
	1197.4	9324.9	1200.0	9338.7	1201.0	9353.8	1196	9395.4	1196	9596.4
	1200.9	9607.6	1189.7	9627.5	1186.7	9662.5	1185.7	9667.8	1187.1	9695.0
GR	1182.5	9709.3	1182.5	9815.9	1184.6	9828.7	1186.4	9833.1	1182.5	9862.0
GR	1182.5	10403.7	1182.7	10412.0	1182.6	10431.5	1189	10440	1189	10509.0
GR	1196.8	10560.1	1198.3	10579.3	1194.0	10589.6	1193.9	10605.8	1193.4	10607.1
GR	1195.0	10643.6	1196.2	10652.5	1196.3	10703.4	1188.1	10723.3	1186.8	10761.1
GR	1192.4	10769.9	1194.9	10778.5	1194.5	10787.3	1195.9	10962.8	1195.7	11082.7
GR	1194.7	11117.1	1196.6	11288.4	1196.5	11330.7	1195.6	11365.3	1192.6	11384.3
GR	1192.7	11403.5	1194.9	11434.2	1194.1	11474.7	1195.3	11509.5	1194.5	11541.6
GR	1196.1	11611.9	1196.5	11779.1	1196.3	11953.2	1195.7	12125.2	1195.8	12301.4
GR	1195.9	12470.1	1196.6	12672.7	1196.8	12847.5	1196.5	12957.5	1197.0	12997.9
GR	1199.3	13041.7	1197.6	13052.0	1198.7	13089.7	1201.7	13113.4	1207.9	13147.4
GR	1208.1	13168.6	1214.1	13198.1						
ET	21.716	9.1	7.1				9670	10500	9316.5	10900
X1	21.716	93	9918.5	10440.7	560	350	502.06			
GR	1203.5	9316.5	1202.4	9351.4	1200.0	9370.0	1199.6	9375.6	1198.5	9384.2
GR	1199.2	9393.9	1199.1	9411.5	1200.3	9464.2	1199.6	9509.8	1200.0	9520.8
GR	1196.2	9541.3	1196.8	9572.5	1194.2	9626.9	1193.6	9660.0	1192.3	9667.7
GR	1192.2	9677.1	1192.5	9692.1	1191.8	9714.8	1191.6	9761.0	1191.0	9799.0
GR	1191.9	9873.4	1193.1	9886.0	1192.9	9918.5	1185.5	9936.2	1186.7	9983.1
GR	1188.1	10058.0	1187.7	10083.2	1187.0	10102.2	1186.4	10110.5	1183.3	10122.4
GR	1184.9	10146.5	1185.1	10165.1	1188.1	10178.4	1188.0	10233.0	1183.1	10265.3
GR	1184.3	10307.1	1184.8	10311.7	1184.5	10364.1	1186.8	10379.6	1187.7	10427.6
GR	1188.1	10432.3	1191.0	10440.7	1190.8	10476.4	1188.7	10488.6	1189.9	10524.4
	1187.9	10561.8	1186.1	10568.8	1185.7	10592.5	1187.8	10611.9	1188.1	10617.1
	1197.9	10646.3	1197.6	10710.5	1196.2	10796.0	1197.0	10881.6	1197.4	11013.1
GR	1196.8	11105.5	1196.5	11240.2	1197.4	11344.5	1197.9	11404.7	1197.8	11451.8
GR	1196.8	11471.4	1196.9	11488.5	1195.2	11502.2	1194.7	11515.8	1194.4	11548.9
GR	1195.5	11571.3	1196.2	11606.1	1196.4	11636.9	1195.3	11732.2	1197.8	11748.1

GR	1198.1	11776.7	1197.5	11791.1	1197.8	11860.0	1197.5	11908.2	1197.7	12022.3
GR	1196.7	12136.4	1196.3	12250.4	1196.7	12396.7	1197.1	12509.7	1196.9	12649.7
GR	1197.5	12763.7	1197.7	12820.8	1197.5	12934.8	1197.8	13048.9	1198.0	13148.9
GR	1199.0	13225.8	1198.8	13231.9	1198.0	13236.7	1198.7	13250.9	1204.3	13267.7
GR	1206.7	13276.4	1213.4	13296.9	1214.4	13320.7				
NC	.045	.055	.035							
ET	21.798	9.1	7.1				9640	10600	9632.5	10775.5
X1	21.798	95	9649.8	10299.7	450	410	436.18			
GR	1198.9	9632.5	1196.2	9649.8	1194.3	9660.7	1194.3	9664.9	1193.4	9685.3
GR	1193.1	9727.9	1193.2	9748.2	1192.6	9778.0	1191.9	9797.0	1191.9	9806.7
GR	1192.7	9824.1	1192.2	9854.7	1190.9	9882.6	1190.9	9890.3	1188.7	9956.7
GR	1188.0	10020.5	1188.3	10051.9	1189.3	10073.8	1189.5	10085.4	1189.8	10091.5
GR	1189.9	10102.3	1190.6	10118.1	1190.0	10136.8	1193.5	10148.8	1193.4	10157.2
GR	1192.6	10175.8	1192.9	10187.3	1195.5	10254.7	1195.8	10281.9	1195.4	10299.7
GR	1195.9	10322.5	1194.7	10331.7	1192.9	10340.7	1193.1	10347.9	1193.4	10398.8
GR	1193.3	10401.1	1192.5	10404.9	1190.2	10422.2	1190.2	10437.9	1189.0	10506.9
GR	1188.8	10510.4	1185.9	10540.4	1186.5	10568.3	1186.4	10598.8	1192.4	10618.3
GR	1193.4	10681.2	1192.6	10693.8	1192.0	10697.7	1196.5	10737.7	1199.2	10775.5
GR	1199.1	10841.7	1198.7	10913.9	1198.8	10997.8	1199.2	11076.4	1199.9	11132.9
GR	1198.9	11151.6	1199.8	11189.3	1199.7	11249.1	1199.2	11323.2	1198.6	11358.7
GR	1199.4	11415.2	1199.0	11439.7	1195.6	11452.4	1195.1	11482.6	1196.6	11503.9
GR	1196.4	11535.1	1198.4	11553.1	1198.8	11584.6	1198.7	11641.0	1197.7	11702.6
GR	1197.0	11734.0	1198.1	11768.0	1198.7	11801.3	1198.9	11979.8	1198.6	12116.6
GR	1198.7	12249.0	1198.6	12360.2	1198.8	12487.9	1199.1	12600.9	1199.2	12657.3
GR	1199.0	12693.5	1199.2	12826.7	1199.4	12915.7	1199.2	13016.3	1199.5	13137.9
GR	1199.9	13249.0	1199.7	13281.6	1200.2	13300.7	1201.3	13328.2	1201.0	13335.3
GR	1200.8	13374.7	1212.8	13397.7	1215.3	13403.0	1216.0	13407.6	1216.6	13409.1
ET	21.893	9.1	7.1				9558.7	10680	9546.7	11050
X1	21.893	93	9558.8	10146.5	485	515	501.19			
GR	1200.4	9546.7	1199.5	9548.9	1201.2	9558.8	1194.2	9576.0	1195.0	9660.8
GR	1193.5	9708.0	1193.3	9788.3	1192.3	9798.3	1193.8	9857.6	1193.6	9914.6
GR	1189.8	10013.5	1187.4	10023.1	1187.6	10040.6	1191.5	10070.2	1191.0	10096.6
GR	1195.0	10112.4	1196.7	10146.5	1197.2	10313.7	1197.6	10374.9	1194.0	10402.2
GR	1196.6	10443.8	1195.8	10529.3	1192.0	10545.6	1192.0	10653.2	1193.6	10674.7
GR	1194.4	10681.1	1193.8	10686.8	1195.3	10710.7	1195.3	10729.1	1201.1	10751.6
GR	1200.1	10758.1	1202.1	10912.2	1202.4	11070.0	1202.6	11098.0	1197.7	11126.5
GR	1198.0	11174.4	1197.1	11182.9	1199.7	11204.9	1201.2	11232.0	1201.0	11256.9
GR	1198.2	11281.1	1199.3	11293.4	1198.7	11313.6	1200.8	11397.0	1200.5	11454.0
GR	1198.7	11486.0	1200.7	11625.1	1200.4	11796.9	1200.9	11913.0	1199.9	12012.6
GR	1200.7	12055.2	1205.4	12105.2	1207.4	12120.2	1208.8	12124.9	1207.4	12130.3
GR	1203.7	12134.7	1180.2	12172.8	1176.8	12177.0	1173.5	12223.1	1173.5	12236.4
GR	1169.3	12248.6	1167.7	12263.0	1171.1	12283.8	1169.8	12295.3	1165.9	12311.2
GR	1161.5	12326.4	1161.2	12423.3	1163.6	12524.8	1194.5	12550.3	1195.6	12574.7
GR	1203.6	12589.8	1201.3	12595.1	1201.5	12701.2	1199.1	12771.4	1201.4	12782.6
GR	1206.6	12820.3	1201.8	12861.9	1202.0	12938.0	1202.9	12958.4	1205.5	12964.5
GR	1205.6	12967.9	1203.2	12974.5	1203.6	12980.5	1209.1	12994.1	1209.3	13024.5
GR	1205.0	13043.5	1206.6	13126.4	1203.6	13135.0	1204.0	13306.5	1205.1	13378.9
GR	1204.2	13388.4	1202.5	13397.1	1219.7	13455.6				

ET	21.986	9.1	7.1				9250.4	10665	9250.4	10915
X1	21.986	92	9806.9	10149.8	450	505	490.74			
GR	1204.8	9250.4	1205.6	9253.3	1194.7	9286.4	1195.5	9448.9	1197.0	9471.1
GR	1197.9	9643.8	1195.0	9659.0	1197.7	9806.9	1196.5	9904.0	1194.2	9917.8
GR	1193.2	10090.7	1191.8	10117.0	1199.2	10149.8	1199.7	10243.4	1198.4	10265.9
GR	1197.4	10380.0	1192.9	10394.0	1191.9	10467.0	1196.8	10492.0	1196.5	10527.0
GR	1194.6	10544.0	1199.8	10749.0	1201.4	10915.6	1199.2	10960.2	1200.0	11042.0
GR	1199.0	11130.3	1201.7	11147.5	1203.4	11248.7	1202.1	11290.5	1202.8	11396.2
GR	1209.8	11411.3	1201.8	11417.7	1173.5	11433.4	1171.8	11465.6	1169.4	11489.0
GR	1167.2	11498.5	1166.5	11511.3	1164.3	11522.7	1164.5	11725.5	1164.7	11775.8
GR	1169.1	11790.5	1172.7	11813.8	1168.6	11829.1	1165.4	11833.4	1168.1	11884.2
GR	1179.5	11900.4	1188.2	11911.3	1187.8	11917.9	1183.1	11941.7	1184.0	11943.0
GR	1179.9	11966.9	1169.2	12000.2	1168.0	12054.8	1184.6	12115.2	1185.1	12124.2
GR	1187.2	12131.9	1186.7	12133.7	1182.8	12135.7	1177.9	12150.1	1176.1	12187.8
GR	1177.6	12208.2	1177.4	12226.9	1173.0	12237.9	1167.2	12266.6	1166.1	12268.3
GR	1163.0	12308.0	1161.3	12525.1	1161.9	12620.0	1174.2	12641.1	1172.8	12649.6
GR	1160.1	12680.3	1176.7	12704.8	1192.9	12726.0	1187.6	12736.2	1190.5	12761.7
GR	1194.7	12767.8	1198.2	12770.6	1202.8	12776.8	1207.0	12780.9	1208.4	12784.7
GR	1206.2	12789.3	1204.4	12790.7	1205.2	12948.3	1213.9	12974.4	1214.4	13001.7
GR	1206.1	13027.1	1207.1	13240.4	1208.3	13253.1	1206.9	13268.5	1213.0	13283.6
GR	1221.6	13325.1	1221.7	13331.6						

ET	22.082	9.1	7.1				9010.7	10605	9010.7	11059
	22.082	93	9931.7	10230.6	465	525	503.20			
	1201.9	9010.7	1199.9	9052.0	1195.8	9063.9	1197.9	9156.3	1197.6	9320.5
GR	1202.1	9382.2	1202.7	9399.4	1201.7	9429.3	1199.1	9442.8	1199.6	9676.3
GR	1198.7	9833.5	1198.2	9931.7	1194.9	9973.5	1196.1	10099.0	1195.5	10107.4
GR	1197.9	10127.6	1199.9	10230.6	1198.4	10290.4	1197.6	10292.8	1193.5	10342.8
GR	1196.2	10409.7	1196.0	10435.2	1194.6	10459.7	1187.4	10483.8	1188.8	10625.2
GR	1188.2	10686.2	1193.3	10702.8	1197.8	10725.7	1196.8	10727.2	1196.8	10729.6
GR	1195.1	10735.0	1193.3	10736.6	1190.3	10753.5	1193.7	10870.8	1193.0	10899.1
GR	1198.8	10922.0	1199.9	10947.3	1199.6	11047.4	1204.6	11059.2	1200.9	11066.2
GR	1202.2	11104.6	1204.0	11112.2	1204.7	11119.1	1204.5	11323.7	1205.2	11478.9
GR	1206.0	11555.5	1211.7	11574.8	1212.4	11585.4	1210.8	11592.3	1208.2	11618.5
GR	1206.1	11629.3	1206.8	11783.4	1207.1	11801.2	1209.4	11815.5	1208.7	11820.9
GR	1205.8	11827.8	1201.1	11844.6	1202.9	11923.6	1205.2	11962.4	1206.8	11971.3
GR	1207.3	11993.4	1221.3	12023.6	1221.4	12027.4	1210.6	12057.9	1213.3	12082.1
GR	1206.7	12096.6	1206.4	12111.8	1207.6	12119.8	1201.8	12147.3	1198.5	12210.2
GR	1197.7	12305.9	1207.3	12326.9	1202.9	12334.9	1204.7	12387.6	1204.4	12559.9
GR	1205.0	12577.9	1209.5	12597.9	1211.0	12634.5	1210.6	12652.5	1212.6	12673.6
GR	1216.5	12682.2	1216.9	12688.5	1214.6	12713.5	1212.6	12721.8	1204.2	12743.4
GR	1206.0	12800.1	1205.3	12859.6	1209.5	12885.4	1206.9	12945.5	1208.5	12961.5
GR	1208.0	13005.6	1219.1	13038.7	1221.7	13051.8				

GR POINTS MODIFIED - BOTTOM OF GRAVEL MINE RAISED TO ELIMINATE NON-EFFECTIVE FLOW AREA BETWEEN SECTIONS 22.177 TO 22.462.

ET	22.177	9.1	7.1				8765.7	10533.7	8765.7	10650
X1	22.177	89	9909.7	10533.6	510	490	506.29			
	1207.0	8765.7	1207.1	8786.8	1204.9	8844.5	1203.0	8855.1	1199.5	8865.5
	1199.8	8878.3	1197.7	9076.9	1201.5	9111.1	1201.8	9131.3	1203.9	9160.3
GR	1204.1	9366.4	1203.1	9432.5	1200.7	9451.7	1202.2	9529.3	1201.7	9586.2
GR	1202.1	9705.0	1200.6	9773.2	1199.6	9909.7	1197.1	10001.3	1196.9	10057.0
GR	1196.2	10078.7	1201.5	10089.5	1196.9	10231.7	1196.0	10350.6	1196.0	10510.5

GR	1200.7	10533.6	1197.5	10557.0	1194.4	10565.7	1197.7	10653.0	1196.0	10668.4
GR	1193.8	10790.9	1194.5	10950.2	1197.8	10965.9	1202.7	10979.9	1202.4	11012.5
GR	1201.0	11024.0	1201.8	11036.9	1212.9	11068.5	1203.3	11092.5	1202.5	11126.9
GR	1202.8	11163.1	1207.3	11173.2	1206.9	11197.3	1205.9	11206.1	1207.0	11344.6
GR	1210.4	11352.1	1213.2	11360.4	1207.1	11376.6	1207.1	11600.9	1208.7	11813.7
GR	1213.6	11826.7	1214.6	11832.4	1212.5	11856.3	1214.4	11897.1	1212.8	11966.7
GR	1214.0	12077.6	1211.0	12191.7	1212.2	12252.6	1211.1	12304.1	1211.6	12311.6
GR	1210.8	12326.4	1213.5	12334.0	1206.8	12349.9	1206.8	12409.5	1212.7	12439.6
GR	1212.4	12476.5	1206.8	12489.2	1206.8	12564.8	1211.1	12576.8	1209.7	12583.4
GR	1207.7	12667.9	1213.9	12678.3	1214.7	12678.9	1214.2	12696.7	1210.2	12709.6
GR	1208.5	12713.4	1208.1	12737.7	1220.1	12763.9	1219.5	12790.0	1216.3	12811.3
GR	1219.0	12823.9	1216.4	12834.3	1212.8	12843.9	1213.0	12857.8	1211.9	12881.8
GR	1209.2	12892.3	1208.1	12903.1	1220.1	12936.6	1220.4	12953.7		
ET	22.273	9.1	7.1				8965.3	10635.9	8965.3	10635.9
X1	22.273	94	9923.2	10635.8	505	485	504.12			
GR	1216.5	8965.3	1200.0	8982.4	1199.8	9015.1	1199.7	9021.0	1199.8	9030.0
GR	1200.0	9052.1	1202.0	9138.8	1204.0	9201.5	1204.8	9255.9	1206.1	9298.0
GR	1206.3	9317.7	1205.7	9354.0	1204.5	9390.3	1204.6	9439.9	1202.8	9499.4
GR	1203.1	9524.0	1204.8	9539.1	1205.0	9627.7	1204.1	9638.1	1205.0	9680.9
GR	1204.0	9792.7	1204.0	9923.2	1199.5	9935.3	1197.6	9969.1	1199.0	10007.8
GR	1199.0	10507.8	1200.4	10556.8	1198.0	10615.3	1209.0	10635.8	1208.0	10645.9
GR	1208.4	10662.1	1208.0	10698.5	1208.0	10733.4	1207.2	10770.6	1207.2	10815.5
GR	1207.8	10851.0	1209.1	10881.2	1210.1	10924.5	1210.7	10966.2	1214.0	10975.8
GR	1187.6	11024.3	1188.4	11028.5	1191.5	11086.2	1194.5	11132.1	1194.9	11169.2
GR	1193.4	11262.6	1193.4	11294.0	1203.8	11320.8	1212.0	11335.7	1208.7	11349.1
GR	1208.5	11380.8	1207.7	11389.2	1207.1	11399.1	1207.3	11412.6	1209.5	11427.7
GR	1209.2	11439.0	1209.5	11497.8	1210.5	11533.4	1210.8	11615.4	1209.3	11733.2
GR	1209.6	11748.7	1209.4	11791.8	1210.4	11909.4	1210.0	11943.9	1210.3	11957.2
GR	1209.8	11969.4	1210.8	12001.9	1213.0	12027.0	1211.9	12041.4	1210.5	12052.0
GR	1208.8	12059.2	1209.0	12075.3	1208.5	12114.5	1208.8	12187.2	1208.5	12256.0
GR	1209.1	12284.0	1211.1	12321.0	1210.8	12351.0	1209.0	12408.3	1209.7	12446.0
GR	1209.1	12497.4	1208.9	12592.2	1209.3	12636.1	1208.9	12719.4	1209.3	12732.8
GR	1208.9	12742.0	1208.8	12763.6	1209.5	12833.2	1216.5	12853.8	1209.4	12871.7
GR	1208.9	12885.1	1215.7	12919.6	1218.3	12936.6	1218.8	12947.5		
QT	2	33000	33000							
ET	22.368	9.1	7.1				9008.1	11110	9008.1	11110
X1	22.368	75	9703.7	10529.3	510	465	504.65			
GR	1214.5	9008.1	1205.2	9017.0	1200.3	9020.4	1200.9	9089.9	1202.6	9110.2
GR	1202.7	9214.9	1205.0	9236.2	1205.5	9249.1	1204.8	9282.0	1206.4	9294.5
GR	1207.0	9335.0	1205.5	9350.4	1206.4	9423.4	1206.8	9654.3	1206.8	9703.7
GR	1204.5	9730.2	1204.5	9855.8	1204.0	9885.1	1203.1	9896.4	1200.8	9906.6
GR	1201.7	9934.0	1199.6	9985.9	1201.9	10016.8	1200.9	10066.8	1202.8	10116.0
GR	1201.4	10205.3	1199.6	10254.2	1198.8	10262.0	1198.6	10311.6	1200.2	10393.7
GR	1199.9	10407.0	1198.5	10419.3	1198.6	10428.3	1202.7	10456.2	1203.4	10465.0
GR	1204.8	10471.5	1205.9	10498.1	1207.1	10510.5	1212.9	10529.3	1201.0	10567.3
GR	1203.0	10990.7	1201.0	11217.7	1215.0	11252.0	1211.8	11262.8	1212.0	11278.9
GR	1219.8	11306.6	1230.1	11333.1	1241.3	11359.2	1239.2	11399.9	1229.4	11420.1
GR	1227.8	11450.2	1224.1	11481.0	1211.3	11502.8	1205.9	11519.5	1209.4	11563.1
GR	1211.4	11778.9	1210.3	11978.9	1208.3	12003.0	1208.2	12012.5	1209.4	12025.6
GR	1210.3	12028.0	1210.4	12251.3	1210.6	12455.0	1210.8	12713.0	1210.8	12793.2
GR	1208.3	12801.5	1208.2	12809.5	1213.1	12817.3	1211.4	12866.3	1218.0	12880.8
GR	1209.9	12900.1	1212.2	12939.9	1210.1	12950.5	1220.9	12988.8	1220.9	12994.1

NC	.045	.045	.035							
ET	22.462	9.1	7.1				9040.3	11760	9040.3	11760
X1	22.462	77	9887.4	10318.9	515	450	496.37			
GR	1214.1	9040.3	1204.2	9050.4	1200.9	9054.7	1201.9	9096.6	1203.8	9113.8
GR	1203.8	9121.3	1202.8	9131.0	1202.7	9157.9	1205.0	9180.8	1203.4	9243.2
GR	1205.9	9269.8	1205.1	9286.9	1206.8	9364.8	1206.9	9426.2	1208.3	9443.7
GR	1208.8	9457.7	1208.0	9482.3	1206.3	9500.7	1206.7	9569.8	1208.1	9670.4
GR	1208.0	9753.1	1206.3	9887.4	1203.2	9904.4	1200.3	9916.7	1202.4	9965.0
GR	1202.2	9995.7	1203.8	10034.6	1204.6	10185.7	1204.1	10207.9	1202.3	10213.2
GR	1203.0	10277.6	1202.5	10298.1	1208.7	10318.9	1209.5	10430.6	1208.5	10528.4
GR	1207.3	10553.7	1206.1	10567.0	1203.7	10578.9	1203.5	10588.1	1206.1	10597.7
GR	1205.5	10693.6	1206.9	10714.4	1206.8	10754.0	1205.9	10778.0	1210.3	10789.3
GR	1203.0	10806.5	1203.0	11063.7	1203.1	11084.2	1203.5	11091.6	1203.0	11108.3
GR	1205.2	11122.0	1205.4	11127.3	1204.6	11132.0	1205.1	11135.9	1203.0	11141.3
GR	1203.0	11143.1	1203.0	11674.7	1203.1	11712.6	1203.2	11750.2	1205.2	11762.2
GR	1205.6	11785.7	1205.5	11850.5	1210.5	11868.3	1210.3	11895.4	1211.2	12107.3
GR	1211.4	12348.4	1212.1	12564.8	1212.3	12672.9	1213.1	12727.6	1213.3	12937.8
GR	1213.2	12969.2	1214.0	12976.0	1214.8	13009.5	1218.7	13078.4	1218.7	13121.7
GR	1217.8	13132.1	1225.6	13192.8						
ET	22.558		7.1				9065.5	12000		
X1	22.558	90	9613.8	10050.2	535	420	502.91			
GR	1221.9	9065.5	1202.4	9088.0	1202.5	9111.8	1206.1	9137.5	1206.5	9180.6
	1205.8	9235.0	1206.8	9327.2	1208.1	9398.2	1207.5	9446.0	1206.7	9458.9
	1208.8	9494.5	1207.1	9513.3	1208.8	9555.4	1208.5	9613.8	1206.7	9646.4
GR	1207.1	9669.4	1206.6	9678.8	1203.8	9690.1	1204.4	9708.0	1203.5	9742.4
GR	1203.4	9833.5	1203.9	9882.1	1206.3	9911.4	1206.3	9942.4	1205.7	9991.1
GR	1203.4	9997.9	1204.3	10025.9	1207.7	10050.2	1208.5	10084.6	1210.9	10100.6
GR	1211.3	10214.4	1210.9	10268.9	1209.7	10312.2	1210.3	10323.3	1211.1	10353.0
GR	1210.3	10432.4	1211.0	10486.5	1210.7	10505.3	1209.2	10540.9	1210.4	10563.4
GR	1207.5	10576.0	1206.6	10596.1	1206.4	10610.6	1207.4	10649.7	1208.0	10704.2
GR	1207.2	10739.7	1207.1	10770.3	1208.1	10813.0	1208.8	10886.0	1210.1	10921.8
GR	1209.2	10954.6	1208.7	10993.6	1209.7	11056.1	1209.9	11152.5	1208.4	11193.7
GR	1207.7	11197.1	1207.5	11248.3	1206.5	11290.1	1207.9	11309.4	1209.3	11347.3
GR	1209.0	11375.8	1211.7	11397.6	1211.8	11418.4	1209.2	11465.1	1210.4	11532.2
GR	1210.6	11574.8	1209.8	11613.7	1206.0	11624.5	1203.6	11632.3	1205.1	11683.6
GR	1204.6	11723.6	1204.6	11761.6	1204.3	11792.4	1204.4	11813.2	1207.4	11822.6
GR	1207.6	11846.8	1206.6	11900.2	1206.7	11955.7	1207.5	11996.2	1212.0	12013.8
GR	1212.2	12118.9	1212.5	12220.3	1212.9	12346.2	1213.3	12499.8	1214.2	12608.6
GR	1215.0	12732.4	1215.2	12766.8	1221.8	12826.3	1224.0	12854.5	1223.8	12866.6
ET	22.651		7.1				9016.1	12095		
X1	22.651	92	9735.3	10132.5	490	450	492.10			
GR	1220.0	9016.1	1209.8	9027.7	1205.5	9032.9	1207.9	9109.5	1207.9	9217.3
GR	1208.0	9234.7	1206.0	9294.9	1204.9	9377.7	1204.8	9397.2	1207.4	9421.5
GR	1207.6	9445.7	1206.3	9480.0	1206.4	9486.0	1209.9	9521.2	1210.4	9546.9
GR	1208.9	9616.7	1208.7	9653.7	1207.7	9689.9	1208.5	9735.3	1208.4	9756.0
GR	1208.8	9795.5	1207.8	9810.0	1207.9	9863.7	1207.5	9926.9	1206.3	10004.4
GR	1205.4	10042.2	1205.3	10083.1	1204.9	10110.4	1205.8	10120.0	1208.6	10132.5
	1212.1	10152.5	1212.7	10186.9	1212.1	10234.5	1212.5	10311.4	1212.6	10348.5
GR	1212.3	10376.9	1212.4	10406.9	1210.6	10415.2	1211.3	10430.2	1212.7	10505.6
GR	1209.1	10520.2	1207.4	10593.8	1210.1	10605.3	1209.6	10639.6	1210.5	10725.6
GR	1211.0	10833.3	1210.0	10941.0	1208.7	10979.5	1210.2	10994.9	1211.1	11064.6

GR	1211.4	11157.2	1210.8	11210.3	1211.6	11264.2	1210.0	11320.2	1212.3	11341.0
GR	1210.1	11398.6	1211.1	11428.3	1211.8	11479.7	1212.6	11508.1	1212.4	11530.8
GR	1211.7	11541.1	1208.4	11561.7	1208.5	11591.1	1207.5	11601.7	1205.5	11616.8
GR	1205.8	11641.3	1205.4	11695.2	1205.4	11741.9	1207.7	11767.3	1208.0	11794.4
GR	1206.8	11805.5	1207.1	11834.7	1208.1	11844.2	1209.9	11965.6	1209.8	12019.5
GR	1208.6	12073.3	1208.9	12088.6	1212.9	12099.2	1213.6	12195.6	1214.0	12272.5
GR	1214.9	12395.5	1215.5	12426.3	1216.0	12503.5	1217.1	12540.9	1218.9	12568.6
GR	1219.1	12611.3	1218.4	12624.9	1222.6	12651.3	1223.5	12666.5	1227.7	12705.8
GR	1226.9	12718.7	1226.9	12727.8						
ET	22.745		7.1				8903.1	12094		
X1	22.745	92	9797.7	10147.8	495	400	496.32			
GR	1225.1	8903.1	1207.9	8919.7	1208.2	8963.5	1207.5	9060.1	1207.7	9092.9
GR	1206.4	9114.7	1206.1	9143.1	1208.9	9172.4	1211.8	9209.3	1212.0	9328.1
GR	1211.9	9402.0	1212.9	9418.9	1212.4	9534.3	1211.5	9563.3	1211.0	9595.9
GR	1211.2	9640.5	1210.6	9677.3	1210.8	9692.3	1209.6	9711.3	1209.4	9723.7
GR	1211.0	9745.9	1211.9	9797.7	1211.1	9835.1	1208.8	9954.1	1207.1	9981.3
GR	1207.0	10008.3	1206.3	10036.6	1207.2	10049.9	1207.2	10119.2	1210.2	10147.8
GR	1210.8	10219.0	1210.4	10251.5	1211.9	10260.4	1211.3	10309.2	1211.7	10324.5
GR	1212.5	10377.1	1211.5	10388.9	1212.2	10429.8	1212.2	10482.5	1211.9	10494.4
GR	1210.2	10515.1	1210.5	10539.3	1212.7	10587.8	1212.6	10693.2	1212.4	10746.0
GR	1212.9	10851.1	1210.4	10874.3	1210.1	10904.0	1212.0	10941.3	1212.2	10956.6
GR	1211.7	11009.3	1211.2	11028.1	1212.9	11064.9	1212.4	11099.8	1210.7	11127.4
GR	1212.4	11180.0	1212.7	11259.2	1212.5	11272.7	1212.8	11327.7	1209.3	11351.0
GR	1208.3	11378.9	1207.9	11394.3	1206.2	11399.0	1207.0	11430.8	1206.0	11521.2
GR	1209.3	11533.2	1209.6	11536.1	1210.0	11641.5	1210.0	11668.6	1208.1	11687.0
GR	1210.0	11694.4	1209.8	11721.1	1210.6	11746.8	1211.1	11799.5	1210.6	11904.9
GR	1210.8	11957.6	1210.1	12011.8	1209.3	12027.9	1209.6	12051.8	1211.3	12062.3
GR	1211.9	12081.2	1212.6	12088.4	1213.4	12113.3	1214.8	12123.8	1214.9	12168.3
GR	1215.3	12220.9	1215.3	12248.1	1215.9	12273.6	1216.2	12326.3	1217.0	12371.3
GR	1222.8	12402.3	1222.5	12409.2						
ET	22.839		7.1				8721.1	11833		
X1	22.839	94	9701.8	10072.6	495	415	497.66			
GR	1219.4	8721.1	1208.0	8736.0	1208.8	8773.5	1208.3	8903.0	1208.0	8931.6
GR	1208.3	8938.1	1210.5	8956.6	1211.0	9035.9	1210.6	9064.3	1212.6	9085.2
GR	1212.5	9125.5	1214.5	9219.4	1214.8	9241.2	1213.2	9260.8	1214.7	9279.7
GR	1213.4	9298.8	1213.6	9307.1	1212.9	9396.4	1212.4	9406.7	1213.3	9449.0
GR	1213.6	9552.9	1213.6	9612.1	1214.5	9656.9	1214.3	9701.8	1211.2	9723.6
GR	1211.4	9741.1	1210.1	9772.6	1210.2	9812.7	1208.7	9905.9	1209.6	9968.6
GR	1209.1	10004.4	1209.6	10009.2	1209.9	10021.1	1211.5	10029.7	1213.1	10072.6
GR	1212.4	10176.5	1211.6	10200.8	1211.4	10256.0	1211.9	10289.5	1211.6	10330.5
GR	1212.9	10436.3	1213.7	10540.2	1213.7	10592.2	1214.3	10654.0	1213.8	10696.1
GR	1212.9	10714.8	1211.6	10735.7	1212.3	10741.2	1213.8	10767.0	1215.3	10801.9
GR	1215.2	10805.8	1211.5	10842.5	1212.3	10852.3	1213.2	10903.9	1213.1	10927.4
GR	1213.9	11007.9	1214.1	11099.6	1213.2	11146.4	1209.2	11157.3	1207.3	11179.1
GR	1207.5	11222.5	1208.5	11258.6	1207.9	11290.0	1210.8	11302.1	1211.6	11371.6
GR	1210.4	11423.6	1211.3	11443.8	1211.7	11475.5	1211.1	11528.0	1212.7	11579.4
GR	1212.9	11626.0	1212.5	11666.6	1212.7	11683.4	1212.1	11735.3	1212.3	11777.6
GR	1210.5	11785.9	1210.6	11812.1	1214.2	11827.9	1214.8	11858.3	1215.1	11891.2
GR	1216.5	11940.8	1215.4	11952.0	1216.7	11960.2	1217.5	12047.1	1216.5	12067.3
GR	1216.3	12076.8	1217.5	12083.2	1217.5	12095.0	1218.4	12117.4	1218.5	12128.2
GR	1218.1	12152.5	1218.4	12159.4	1224.1	12195.7	1225.2	12219.9		

ET	22.935		7.1				8478.1	11640		
X1	22.935	94	9530.2	10351.6	465	440	501.48			
GR	1220.0	8478.1	1216.5	8483.9	1209.0	8492.7	1209.0	8541.4	1209.8	8593.0
GR	1209.5	8623.7	1211.8	8638.1	1212.2	8644.8	1211.3	8746.3	1212.4	8772.4
GR	1212.5	8782.3	1210.6	8800.5	1210.0	8839.6	1211.6	8869.5	1213.5	8894.6
GR	1214.2	8936.6	1212.6	8962.1	1212.4	8974.7	1214.6	8991.9	1213.7	9001.1
GR	1213.4	9012.1	1215.7	9027.2	1216.0	9058.6	1214.9	9162.0	1214.4	9213.7
GR	1215.0	9265.5	1215.1	9317.2	1215.4	9331.4	1214.8	9372.3	1216.3	9413.3
GR	1216.3	9472.4	1214.8	9530.2	1210.6	9542.3	1212.1	9575.8	1211.3	9622.6
GR	1211.4	9679.2	1211.9	9699.5	1212.1	9730.9	1213.2	9773.4	1212.1	9822.2
GR	1213.0	9886.1	1213.3	9937.8	1211.6	10017.5	1211.9	10118.3	1211.9	10145.4
GR	1212.2	10156.3	1209.5	10173.6	1210.0	10241.7	1211.4	10250.1	1214.0	10262.0
GR	1214.4	10351.6	1214.2	10403.3	1215.4	10454.7	1215.2	10558.7	1215.2	10662.0
GR	1215.1	10721.9	1215.5	10762.8	1214.4	10819.8	1215.1	10857.4	1214.7	10865.3
GR	1215.6	10897.6	1209.0	10913.6	1209.1	10955.1	1211.9	10967.7	1211.9	10984.9
GR	1209.7	11072.3	1209.9	11083.9	1213.0	11096.7	1213.5	11191.9	1212.7	11282.6
GR	1213.0	11356.1	1214.2	11458.1	1214.1	11547.1	1213.0	11596.6	1213.2	11605.7
GR	1212.0	11613.2	1211.7	11626.3	1214.6	11638.0	1213.8	11653.6	1216.3	11683.4
GR	1213.8	11741.8	1214.3	11745.7	1214.6	11761.9	1215.8	11785.2	1216.8	11831.6
GR	1217.0	11855.2	1217.7	11866.3	1217.2	11872.6	1218.8	11915.0	1223.5	11955.0
GR	1225.3	11975.5	1225.9	12008.2	1227.6	12033.7	1228.2	12069.7		
ET	23.029	9.1	7.1				8450	11460	8450	11893.6
	23.029	94	9859.0	10307.0	450	435	500.75			
	1225.0	8171.1	1211.1	8185.5	1210.3	8186.5	1210.1	8287.1	1210.9	8331.4
GR	1210.1	8363.9	1211.4	8391.9	1212.5	8404.8	1213.1	8434.8	1212.4	8488.8
GR	1213.9	8502.6	1215.0	8538.0	1214.6	8589.7	1215.3	8641.3	1214.5	8716.9
GR	1214.5	8741.2	1213.9	8759.4	1213.6	8799.3	1217.0	8825.8	1217.5	8847.8
GR	1217.1	8899.4	1216.2	8951.0	1216.4	8999.7	1216.2	9054.3	1216.4	9127.6
GR	1215.7	9209.2	1214.8	9267.9	1211.8	9278.5	1212.1	9312.4	1214.0	9363.0
GR	1213.3	9436.4	1215.2	9460.0	1215.6	9502.1	1217.6	9528.7	1217.7	9579.4
GR	1217.2	9702.6	1216.9	9725.4	1218.2	9777.0	1217.0	9828.8	1217.5	9859.0
GR	1213.8	9873.5	1212.5	9931.8	1212.8	9953.5	1213.2	9961.9	1213.7	9966.2
GR	1214.0	9972.7	1214.0	10024.8	1213.3	10040.6	1213.8	10057.1	1214.3	10090.0
GR	1214.6	10138.4	1214.1	10190.0	1213.3	10241.6	1211.8	10258.5	1212.3	10291.1
GR	1217.0	10307.0	1217.2	10344.9	1216.7	10396.5	1216.4	10499.8	1216.3	10617.9
GR	1216.4	10645.2	1211.5	10656.9	1210.8	10706.3	1212.1	10757.9	1211.8	10812.2
GR	1212.8	10850.2	1212.7	10864.0	1213.7	10876.0	1214.8	11021.7	1214.5	11063.7
GR	1216.0	11085.1	1214.4	11096.4	1214.2	11207.1	1215.1	11223.8	1215.2	11240.8
GR	1214.5	11252.0	1215.1	11274.1	1214.4	11325.8	1214.5	11338.3	1216.0	11357.7
GR	1214.9	11429.4	1214.9	11445.3	1216.5	11459.5	1216.6	11550.8	1217.3	11604.6
GR	1217.4	11628.7	1218.4	11633.5	1220.0	11648.0	1219.9	11738.8	1220.7	11790.4
GR	1222.2	11852.2	1221.5	11856.6	1222.2	11871.7	1224.8	11893.6		
ET	23.124	9.1	7.1				8580	11160	8580	11903
X1	23.124	95	9822.6	10216.3	485	450	499.39			
GR	1232.0	8110.2	1216.0	8128.6	1213.4	8140.2	1213.8	8179.8	1213.8	8229.6
GR	1213.5	8243.9	1213.7	8278.2	1214.2	8308.9	1213.7	8332.4	1212.0	8362.9
GR	1211.9	8370.7	1214.3	8401.9	1213.5	8415.5	1213.5	8454.6	1214.6	8478.9
	1216.5	8506.3	1216.8	8539.0	1215.9	8547.5	1215.7	8580.9	1215.2	8617.1
GR	1218.0	8634.7	1219.4	8692.1	1219.2	8743.5	1218.4	8783.9	1217.0	8945.1
GR	1215.4	8971.0	1215.6	9025.2	1216.8	9051.8	1216.5	9103.2	1216.6	9153.4
GR	1214.8	9160.6	1215.6	9205.9	1215.6	9229.5	1214.6	9275.9	1212.8	9288.8

GR	1214.5	9308.7	1215.5	9338.4	1216.0	9381.1	1215.3	9444.3	1216.0	9460.6
GR	1215.8	9522.5	1215.5	9548.8	1214.5	9572.6	1219.4	9592.6	1218.7	9616.4
GR	1219.3	9650.9	1219.1	9668.4	1219.7	9770.0	1220.3	9822.6	1219.7	9953.6
GR	1215.3	9963.5	1215.1	10013.8	1217.2	10029.3	1217.5	10064.2	1217.2	10084.2
GR	1214.4	10132.9	1213.9	10163.3	1213.9	10201.9	1217.9	10216.3	1218.0	10387.9
GR	1217.3	10490.6	1217.7	10569.2	1217.4	10603.1	1211.9	10617.9	1212.3	10693.9
GR	1212.8	10712.9	1214.9	10751.6	1215.0	10798.9	1214.1	10842.9	1215.1	10870.3
GR	1215.8	10904.7	1216.1	10953.1	1215.4	11017.4	1216.0	11055.7	1214.9	11140.4
GR	1219.2	11155.6	1218.8	11210.0	1218.9	11261.4	1219.4	11312.8	1218.7	11364.2
GR	1218.7	11467.0	1218.9	11493.0	1221.7	11518.1	1222.3	11573.6	1223.8	11612.9
GR	1221.6	11639.9	1221.2	11672.5	1221.5	11724.1	1222.6	11758.0	1222.4	11765.7
GR	1231.7	11831.5	1232.3	11867.4	1231.9	11878.3	1233.0	11900.5	1232.8	11903.0
ET	23.219	9.1	7.1				8860	11070	8860	11681.3
X1	23.219	93	9549.2	10113.9	490	500	500.52			
GR	1225.0	8130.5	1214.0	8151.1	1219.0	8161.0	1218.6	8162.3	1217.0	8173.5
GR	1214.7	8186.7	1214.5	8253.3	1217.3	8269.6	1217.9	8314.0	1217.2	8365.5
GR	1217.4	8416.9	1216.9	8446.4	1216.9	8465.7	1216.5	8479.8	1215.7	8488.0
GR	1215.6	8611.5	1217.2	8625.4	1220.1	8662.5	1220.1	8737.8	1218.9	8850.5
GR	1217.9	8879.7	1218.2	8964.0	1219.0	8984.1	1218.8	9023.8	1216.3	9081.6
GR	1217.5	9112.0	1217.3	9193.9	1217.8	9205.1	1215.5	9219.5	1215.8	9268.3
GR	1219.3	9293.9	1220.4	9394.0	1219.2	9547.6	1219.2	9549.2	1215.1	9560.8
GR	1217.4	9605.0	1216.8	9625.9	1217.4	9651.1	1216.7	9699.4	1215.9	9717.7
GR	1217.6	9729.7	1218.4	9750.1	1217.7	9780.1	1219.0	9804.8	1220.0	9857.9
GR	1220.4	9908.3	1217.7	9959.7	1217.3	9981.7	1214.7	10002.4	1215.1	10010.5
GR	1215.5	10085.9	1218.7	10113.9	1218.2	10156.9	1219.5	10177.0	1219.6	10216.8
GR	1219.2	10262.7	1219.4	10282.1	1221.1	10293.7	1222.0	10306.1	1219.9	10318.3
GR	1219.6	10371.1	1220.3	10422.5	1219.3	10478.9	1219.0	10558.8	1217.2	10578.3
GR	1217.4	10628.2	1216.8	10710.4	1217.4	10731.1	1216.9	10802.1	1215.4	10819.3
GR	1216.1	10893.4	1215.9	10976.3	1214.8	11047.7	1221.2	11061.1	1221.4	11100.7
GR	1220.9	11142.9	1220.8	11296.8	1221.3	11346.7	1221.8	11350.5	1220.8	11396.7
GR	1219.1	11423.2	1220.9	11443.1	1221.8	11502.5	1221.8	11605.3	1222.3	11674.7
GR	1221.2	11681.3	1222.5	11684.9	1222.0	11708.2	1223.8	11814.1	1224.4	11823.5
GR	1223.9	11829.5	1224.8	11835.4	1227.3	11846.9				
ET	23.314	9.1	7.1				9220	11090	9220	11953.4
X1	23.314	93	9787.2	10063.4	510	490	504.26			
GR	1232.7	7788.5	1222.4	7806.5	1221.4	7935.2	1222.3	7947.3	1216.5	7974.1
GR	1216.4	8110.6	1218.6	8144.7	1219.5	8150.5	1221.2	8191.9	1221.1	8344.5
GR	1220.6	8366.0	1217.7	8384.7	1217.7	8448.3	1218.5	8483.7	1218.8	8616.8
GR	1218.3	8656.2	1216.6	8663.5	1216.9	8751.3	1221.5	8767.8	1221.8	8807.4
GR	1220.7	8859.8	1219.6	8878.7	1219.6	8924.5	1220.9	9025.9	1220.4	9166.6
GR	1219.9	9199.5	1217.8	9218.7	1217.2	9270.4	1217.7	9272.6	1217.5	9300.1
GR	1218.8	9318.2	1221.0	9336.0	1221.0	9423.1	1220.4	9461.6	1221.2	9474.5
GR	1220.2	9579.4	1221.7	9628.4	1222.4	9679.7	1220.6	9739.1	1221.1	9744.8
GR	1220.6	9750.2	1221.7	9775.3	1221.4	9787.2	1217.9	9809.6	1219.0	9833.6
GR	1218.3	9867.1	1219.6	9901.7	1220.0	9936.2	1218.6	9974.6	1216.9	9985.4
GR	1216.1	10040.0	1222.7	10063.4	1222.2	10132.4	1225.7	10154.9	1222.0	10192.7
GR	1223.2	10220.2	1220.5	10244.0	1221.4	10346.6	1221.1	10449.3	1220.2	10496.6
GR	1220.6	10551.9	1220.1	10600.5	1219.2	10616.0	1220.7	10654.5	1221.0	10705.8
GR	1220.3	10757.1	1220.4	10798.7	1219.4	10808.1	1218.8	10881.2	1217.8	10911.0
GR	1216.7	11063.1	1218.5	11091.1	1221.8	11107.3	1222.4	11218.9	1221.9	11314.8
GR	1222.8	11337.6	1222.9	11415.6	1222.3	11430.4	1223.7	11448.7	1224.2	11476.0
GR	1222.3	11492.7	1225.3	11508.2	1223.4	11627.6	1224.1	11745.9	1223.2	11766.1

GR	1224.2	11787.9	1224.1	11834.0	1225.6	11876.0	1227.3	11895.4	1229.4	11905.2
GR	1230.6	11928.4	1231.5	11932.8	1233.7	11953.4				
ET	23.409	9.1	7.1				9550	10970	9550	12265.5
X1	23.409	95	9675.2	10060.2	515	485	500.34			
GR	1256.3	7735.9	1256.2	7750.9	1230.4	7791.4	1231	7799.5	1230.7	7813.6
GR	1228.9	7829.9	1228.9	7848	1227.5	7854.5	1225.7	7858.5	1225.8	7874.5
GR	1224.7	7925.3	1224.9	8004.6	1224.3	8121.4	1222.9	8128.6	1222.9	8137.8
GR	1224.3	8143.3	1224.4	8147	1218.3	8173.3	1218.8	8283.2	1218.5	8305.9
GR	1221.1	8338.7	1221.5	8349.7	1221.2	8385.4	1222	8419.6	1221.6	8441.4
GR	1221.8	8470.7	1220	8485.1	1220.9	8589.8	1219.3	8692.6	1218.8	8702.3
GR	1218.6	8794.3	1218.2	8808.7	1223	8830.7	1223.6	8845.4	1222.8	8907
GR	1223	8947.6	1222	8977.9	1222	9031.1	1222.9	9049.9	1222.2	9101
GR	1221	9152.2	1221.5	9197.7	1222.5	9217	1223.4	9354.4	1223.7	9356.6
GR	1223	9522.1	1223.7	9561.1	1223.6	9675.2	1220.5	9686.2	1219.3	9713.7
GR	1221.7	9811.5	1222.1	9867.8	1220.9	9918.9	1218.8	9939.5	1222.2	10021.2
GR	1222	10030.4	1225.4	10060.2	1225.1	10154.4	1225.6	10174.6	1221.8	10379
GR	1221.9	10407.3	1222.8	10449.5	1222.4	10582.3	1221.4	10615.1	1222.4	10660.2
GR	1222	10702.4	1221.1	10736.8	1221.1	10769	1217.6	10787.7	1216.7	10796
GR	1218.5	10890.2	1217.9	10919.7	1224	10945.4	1224.1	11043.5	1223.4	11145.8
GR	1222.1	11192.4	1223.1	11350.2	1222.8	11395.3	1220	11409.7	1220.7	11440.1
GR	1218.9	11453.4	1219.4	11481	1223.9	11496.7	1225.8	11510.2	1225.6	11629.8
GR	1226.2	11671.9	1225.8	11708.1	1226	11811.1	1226.4	11983.3	1225.7	11990.8
GR	1227	11995.5	1226.6	12052.6	1229	12177	1234.4	12219.3	1238	12265.5
	.055	.045	.035							
ET	23.504	9.1	7.1				9680	10880	9680	12068.7
X1	23.504	92	9706.7	10220.0	505	490	501.26			
GR	1243.0	7885.3	1233.5	7905.3	1233.0	7913.7	1234.9	7921.2	1234.8	7958.2
GR	1230.7	8017.3	1230.5	8105.5	1227.2	8147.9	1227.8	8173.2	1228.9	8176.3
GR	1229.1	8192.1	1226.2	8214.5	1226.4	8225.5	1234.0	8244.4	1234.0	8259.5
GR	1217.6	8304.9	1218.9	8344.9	1227.2	8363.5	1221.0	8376.0	1219.8	8435.3
GR	1210.7	8450.1	1211.8	8459.5	1216.0	8472.3	1220.8	8481.4	1220.5	8506.5
GR	1224.8	8519.1	1223.1	8523.7	1222.8	8533.3	1224.5	8547.0	1205.4	8568.9
GR	1204.1	8591.0	1205.4	8596.8	1195.0	8611.0	1191.8	8617.5	1190.2	8656.9
GR	1189.1	8660.7	1189.7	8674.3	1198.3	8689.5	1201.0	8704.2	1203.4	8709.0
GR	1200.3	8726.4	1202.1	8734.0	1201.0	8756.2	1203.6	8764.0	1202.6	8806.8
GR	1204.7	8811.9	1205.5	8830.8	1192.3	8841.3	1191.8	8858.8	1197.4	8867.9
GR	1195.4	8875.3	1204.4	8892.8	1223.9	8945.6	1225.1	9023.4	1224.1	9044.5
GR	1221.7	9051.0	1224.3	9060.1	1225.6	9227.4	1225.8	9482.4	1225.5	9530.7
GR	1227.5	9538.4	1224.1	9561.5	1223.9	9632.0	1225.9	9648.6	1226.2	9706.7
GR	1220.8	9721.7	1221.9	9813.3	1224.4	9849.7	1224.1	9992.3	1222.5	10045.3
GR	1224.4	10091.7	1225.6	10098.4	1226.7	10220.0	1223.5	10234.3	1224.5	10469.4
GR	1220.1	10487.3	1219.9	10508.9	1222.3	10535.7	1220.7	10604.3	1218.0	10650.0
GR	1219.6	10695.6	1222.7	10709.0	1222.9	10923.0	1225.4	11063.3	1225.1	11318.3
GR	1223.9	11557.7	1220.7	11567.9	1221.2	11625.5	1227.0	11649.3	1227.9	11919.1
GR	1229.6	12048.1	1232.0	12068.7						
ET	23.598	9.1	7.1				9680	10770	9680	11700.5
X1	23.598	94	9700.2	10260.3	480	490	497.60			
	1243.5	8020.4	1234.7	8035.2	1235.1	8047.0	1226.5	8062.4	1226.7	8076.5
GR	1225.6	8097.2	1226.3	8099.3	1225.3	8107.5	1226.6	8134.5	1238.9	8173.5
GR	1238.6	8195.6	1236.0	8207.5	1235.5	8240.7	1235.5	8418.8	1238.0	8431.0
GR	1238.5	8449.3	1197.6	8511.1	1196.4	8545.0	1189.8	8565.2	1187.6	8769.8

GR	1188.4	8798.9	1185.2	8940.0	1184.6	9041.7	1183.9	9058.5	1178.4	9085.4
GR	1177.0	9108.1	1179.6	9146.3	1181.0	9156.6	1181.3	9168.6	1183.0	9185.2
GR	1184.4	9189.2	1185.8	9199.4	1190.3	9217.8	1190.4	9220.2	1186.2	9236.3
GR	1187.7	9298.3	1188.0	9461.3	1188.1	9499.3	1195.4	9509.6	1195.9	9511.4
GR	1199.7	9516.2	1200.8	9518.7	1211.8	9534.9	1224.5	9558.2	1224.4	9593.6
GR	1225.3	9615.1	1226.7	9619.8	1226.3	9625.3	1226.8	9626.4	1224.5	9631.3
GR	1223.8	9638.4	1224.8	9660.3	1227.2	9668.1	1230.9	9676.9	1227.9	9685.2
GR	1228.0	9700.2	1224.7	9715.3	1225.2	9738.5	1222.7	9765.5	1222.1	9806.4
GR	1223.6	9897.6	1225.3	9952.6	1226.0	10018.1	1225.2	10102.8	1223.9	10141.1
GR	1221.4	10165.0	1223.3	10237.0	1226.4	10260.3	1225.0	10362.6	1223.3	10385.1
GR	1221.5	10460.9	1220.2	10484.6	1224.1	10509.9	1224.9	10561.7	1223.5	10580.0
GR	1223.2	10667.2	1225.5	10681.8	1225.4	10742.0	1226.5	10766.6	1226.6	10891.9
GR	1224.8	10918.6	1226.7	10971.8	1227.1	11124.9	1227.8	11176.0	1227.2	11373.2
GR	1226.2	11431.2	1225.7	11523.7	1222.8	11533.1	1222.9	11579.0	1224.8	11586.6
GR	1226.7	11598.4	1229.5	11628.6	1241.3	11693.7	1241.0	11700.5		
ET	23.692	9.1	7.1				9650	10675	9650	11533.8
X1	23.692	92	9869.5	10339.2	475	475	494.02			
GR	1263	7983.5	1249.2	8010.6	1232	8040.7	1217	8064.8	1206.1	8092.9
GR	1206	8096.9	1201.9	8135.1	1201.4	8210.8	1202.5	8214.5	1212.3	8236.5
GR	1219.1	8249	1223.8	8259	1223.6	8273.3	1208.2	8305.9	1207.7	8359.5
GR	1199.7	8383.2	1198.6	8394.4	1197.8	8409	1198	8412.1	1195.3	8460.9
GR	1194.7	8478.5	1195	8488.3	1193.4	8524.5	1192.8	8550.6	1192.9	8601.8
GR	1192.3	8644.7	1191	8850.7	1190.7	8940.5	1191.1	8982.8	1190.8	9001.7
GR	1191.4	9051	1191	9241	1190.3	9294.9	1190.5	9312.2	1188.8	9461.1
GR	1187.9	9512.2	1187.1	9533.1	1186.7	9600.8	1194	9614.7	1195.8	9616.7
GR	1229.7	9648.2	1229.5	9660.7	1229	9668.2	1229.3	9671.3	1226.8	9681.7
GR	1226.3	9720.8	1229.5	9733.8	1229.9	9767.4	1229.5	9787.1	1229.5	9869.5
GR	1223.9	9897.3	1223.8	9971.6	1224.3	10044.9	1225.7	10077	1227	10124.7
GR	1227	10187.8	1227.5	10194.4	1225.6	10203.5	1226.4	10319.8	1227.4	10339.2
GR	1226.9	10382.2	1226.4	10393.6	1227.6	10444.7	1228.2	10514.5	1228.2	10549.6
GR	1226.1	10559.9	1226	10583	1227.6	10607.5	1227.9	10621.6	1224.3	10637.9
GR	1224.5	10675.4	1228.1	10690.3	1228.8	10839.5	1228.3	10890.4	1228.9	10941.6
GR	1228.3	10992.6	1229	11043.6	1228.1	11095.7	1229.6	11162.5	1229.7	11186.1
GR	1228.9	11247.8	1228.8	11285.6	1227.1	11315.5	1225.5	11324.7	1225.3	11356.5
GR	1226.3	11384.6	1227.1	11396.5	1227.2	11429.5	1225.4	11433.6	1240.7	11468.5
GR	1238	11521.1	1237.8	11533.8						
NC	.055	.055	.035							
QT	2	31000	31000							
ET	23.790	9.1	7.1				9630	10635	9630	11371.5
X1	23.790	94	9641.3	10143.6	500	500	519.17			
GR	1269.4	7697.5	1265.5	7751.3	1265.8	7792.2	1263.7	7829.4	1258.8	7845.4
GR	1257.2	7852.7	1250.2	7900.0	1247.8	7957.1	1248.9	7968.3	1248.3	7971.6
GR	1246.6	7975.7	1242.2	8006.5	1238.2	8026.0	1236.7	8038.2	1232.3	8058.9
GR	1227.8	8118.0	1230.2	8203.5	1223.9	8229.5	1222.6	8263.9	1218.5	8278.3
GR	1214.5	8316.5	1207.4	8347.2	1205.8	8360.1	1205.8	8366.1	1211.1	8377.8
GR	1206.4	8406.3	1196.1	8422.8	1196.0	8453.9	1181.8	8483.6	1179.4	8578.5
GR	1181.9	8591.2	1197.2	8644.4	1199.3	8686.6	1199.7	8771.5	1198.4	8830.3
GR	1196.6	8836.5	1196.3	8842.6	1200.6	8851.9	1202.5	8862.6	1192.5	8889.7
GR	1192.2	8899.3	1194.1	8981.5	1213.5	9007.1	1221.3	9016.3	1220.8	9056.1
GR	1219.9	9076.0	1224.9	9094.7	1225.2	9169.5	1227.1	9208.5	1228.0	9271.2
GR	1230.4	9288.9	1233.0	9355.1	1232.1	9364.3	1232.5	9376.9	1235.1	9394.4
GR	1230.6	9451.0	1226.8	9485.2	1228.9	9609.2	1231.3	9624.8	1231.1	9641.3

GR	1229.3	9650.9	1229.9	9818.5	1230.9	9833.0	1230.7	9842.4	1228.2	9863.6
GR	1225.8	9990.2	1224.2	10016.7	1225.2	10127.2	1229.8	10143.6	1230.9	10192.5
GR	1229.6	10222.2	1227.9	10283.8	1231.1	10300.2	1231.2	10421.1	1227.8	10440.7
GR	1226.7	10502.7	1229.9	10525.0	1229.9	10631.7	1227.8	10661.4	1228.8	10705.8
GR	1226.6	10719.0	1226.5	10762.1	1228.0	10804.3	1227.9	10823.4	1230.0	10860.3
GR	1230.9	10909.1	1229.2	11054.5	1227.5	11061.2	1227.1	11136.2	1229.7	11153.9
GR	1230.4	11215.4	1228.3	11295.7	1244.0	11336.7	1244.4	11371.5		
ET	23.881	9.1	7.1				9630	10665	9630	11328.4
X1	23.881	91	9682.7	10181.6	460	470	477.96			
GR	1247.1	7671.5	1242.8	7678.8	1240.0	7685.5	1236.6	7722.1	1231.1	7750.1
GR	1229.7	7785.5	1229.4	7834.7	1234.5	7850.8	1230.1	7864.7	1229.9	8052.6
GR	1230.1	8186.6	1229.7	8247.3	1228.8	8255.9	1229.7	8270.7	1229.7	8304.0
GR	1221.8	8322.6	1221.8	8330.2	1225.1	8362.3	1225.0	8400.1	1229.6	8413.1
GR	1230.4	8454.2	1230.0	8463.7	1227.4	8475.0	1215.6	8504.1	1213.9	8531.8
GR	1213.4	8562.6	1211.1	8617.0	1211.2	8665.9	1207.2	8716.9	1224.1	8738.8
GR	1222.5	8747.0	1221.8	8796.0	1225.5	8921.2	1226.7	9074.5	1227.9	9175.9
GR	1225.8	9276.9	1228.4	9301.3	1231.3	9435.3	1230.9	9585.4	1230.9	9612.3
GR	1232.7	9625.6	1232.7	9644.5	1230.5	9650.0	1230.7	9673.5	1233.3	9682.7
GR	1229.5	9694.0	1228.8	9702.0	1230.3	9720.5	1229.9	9760.4	1228.5	9766.2
GR	1230.0	9787.1	1229.8	9924.8	1227.1	9943.8	1226.0	10026.6	1226.7	10042.9
GR	1225.1	10107.0	1225.2	10142.6	1232.8	10181.6	1232.5	10227.6	1233.1	10249.6
GR	1232.2	10289.8	1233.2	10314.5	1233.1	10402.9	1231.8	10482.3	1233.5	10500.5
GR	1232.9	10520.0	1228.2	10531.0	1227.6	10539.4	1229.6	10555.6	1230.7	10709.4
	1230.4	10745.1	1230.0	10765.5	1230.6	10788.0	1230.0	10811.6	1231.3	10858.6
	1230.2	10954.1	1229.0	10983.3	1230.3	11021.0	1230.2	11044.6	1231.9	11055.1
GR	1231.4	11098.5	1232.5	11108.6	1231.7	11118.5	1231.8	11201.1	1231.1	11212.1
GR	1233.5	11230.7	1233.2	11253.5	1235.7	11265.0	1236.5	11282.0	1246.4	11317.7
GR	1247.1	11328.4								
NC	.055	.055	.050							
ET	23.974	9.1	7.1				9716	10825	9716	11204.9
X1	23.974	94	9716.2	10115.2	460	500	492.24			
GR	1269.8	7466.3	1269.5	7473.5	1273.0	7482.1	1266.9	7509.6	1265.6	7558.6
GR	1264.4	7562.0	1264.2	7576.0	1262.7	7576.8	1263.1	7578.2	1257.8	7586.6
GR	1254.6	7593.3	1249.1	7602.5	1231.9	7627.3	1231.1	7774.9	1230.1	7821.5
GR	1231.4	7829.1	1230.4	7941.6	1231.4	8024.4	1231.6	8198.2	1235.4	8254.0
GR	1235.5	8318.5	1232.8	8351.1	1234.8	8370.8	1235.9	8403.1	1234.6	8420.3
GR	1229.9	8445.4	1228.7	8464.9	1229.5	8485.0	1234.3	8506.0	1234.8	8543.1
GR	1234.1	8546.0	1234.5	8550.1	1229.2	8565.6	1230.7	8648.0	1230.9	8814.3
GR	1232.0	8898.5	1229.8	9001.5	1229.1	9008.3	1227.9	9102.9	1226.9	9118.2
GR	1222.9	9132.2	1223.3	9177.1	1222.3	9200.2	1226.6	9218.9	1226.0	9358.3
GR	1225.0	9399.9	1226.0	9433.7	1225.4	9465.1	1230.3	9506.7	1230.8	9563.1
GR	1236.6	9583.0	1235.2	9586.4	1228.1	9595.9	1231.8	9621.4	1234.4	9693.0
GR	1238.6	9716.2	1229.1	9729.9	1227.8	9772.7	1227.5	9833.4	1231.8	9891.3
GR	1230.5	9916.5	1230.4	9964.1	1232.0	9977.2	1236.5	9992.0	1232.6	10005.8
GR	1231.9	10010.7	1232.5	10019.0	1234.9	10030.1	1231.9	10036.8	1230.0	10073.5
GR	1230.7	10110.9	1233.1	10115.2	1234.8	10128.6	1232.8	10151.6	1232.2	10212.3
GR	1229.6	10239.8	1230.2	10354.5	1229.1	10371.5	1232.4	10388.9	1232.5	10439.1
	1233.5	10490.5	1231.8	10554.8	1233.5	10644.6	1232.4	10714.7	1232.8	10747.3
	1231.6	10828.7	1233.7	10842.9	1231.4	10994.6	1230.5	11034.8	1235.7	11058.4
GR	1236.3	11109.1	1237.7	11139.4	1254.2	11185.4	1253.5	11204.9		

ET	24.067	9.1	7.1				9380	11020	9230	11167.5
X1	24.067	91	9569.2	10188.6	465	505	493.30			
GR	1258	7357.6	1258	7360.4	1262.3	7373.4	1235.2	7415.6	1233	7419.6
GR	1232.8	7441.5	1234.5	7451.6	1232.4	7477.2	1232.1	7504	1233.6	7523.2
GR	1234.5	7659.1	1233.9	7672	1232.1	7687.6	1232.2	7761.5	1230.5	7779.1
GR	1232.6	7794.3	1231.3	7829.8	1232.9	7859	1233.5	7863.6	1231.9	8037.3
GR	1232.2	8130.7	1231.1	8184	1232.5	8227	1231.9	8278.2	1234.5	8330.2
GR	1235.6	8464.1	1235.2	8476	1235.4	8536.7	1234.7	8639.9	1234.9	8682.4
GR	1233.3	8691.6	1233.7	8696.1	1233.4	8802.1	1231.8	8809.5	1230.5	8900.7
GR	1230.8	8925	1232.2	8964.4	1232.8	9001.3	1232.4	9052.9	1233	9104.5
GR	1231.3	9151.4	1232.1	9237.2	1230.6	9311	1231.2	9379.2	1232.6	9414.3
GR	1233	9465.9	1232.8	9517.5	1232.1	9554.3	1232.9	9569.2	1231.9	9599.3
GR	1232	9669.1	1229.9	9677.7	1229.3	9724	1230.6	9795.8	1230	9860
GR	1231.3	9878.9	1234	9907.3	1234.2	9937	1235.1	9962.5	1233.6	9977.6
GR	1232.1	10014.1	1235.6	10026.7	1233.4	10087.2	1233.2	10115.1	1234.4	10145.2
GR	1235.2	10188.6	1235.3	10314.2	1235.7	10343.5	1234.8	10387.8	1235.2	10419.7
GR	1234.3	10464.1	1234.9	10500.7	1233.9	10577.3	1234.4	10600.6	1230.7	10623.3
GR	1230.7	10641.6	1232.6	10700.9	1231.5	10745.2	1233.9	10761.4	1234.4	10788.5
GR	1233.1	10834.7	1235.4	10920.5	1233.8	10936.7	1232.5	10967.9	1233.8	11004.5
GR	1231.8	11021.5	1233.6	11052.2	1241.1	11075.2	1242	11085.3	1258.1	11157.3
GR	1258.1	11167.5								
NC	.045	.045	.035							
ET	24.165	9.1	7.1				9310	11185	8750	11568.4
X1	24.165	91	9558.3	10173.1	495	520	513.78			
GR	1251.4	7314.9	1252.8	7322.0	1252.2	7339.6	1249.0	7345.2	1237.9	7368.9
GR	1237.2	7372.2	1236.4	7399.7	1239.5	7416.4	1237.6	7424.4	1237.2	7429.1
GR	1237.0	7521.7	1236.1	7573.6	1235.7	7729.0	1234.4	7762.9	1233.6	7890.1
GR	1233.0	7930.3	1234.5	7959.7	1234.8	7989.6	1233.9	8042.8	1235.2	8092.0
GR	1234.2	8108.1	1235.3	8195.4	1235.1	8247.2	1233.7	8290.6	1234.3	8350.9
GR	1232.9	8396.7	1234.0	8417.8	1233.0	8434.2	1235.3	8446.3	1234.1	8461.2
GR	1235.8	8558.1	1236.7	8713.6	1236.4	8781.6	1236.4	8830.5	1234.9	8840.0
GR	1237.1	8850.2	1236.7	8920.8	1237.1	8972.7	1236.2	8994.5	1233.7	9006.0
GR	1233.0	9021.2	1234.3	9119.3	1236.4	9131.6	1237.1	9143.9	1236.7	9157.0
GR	1235.0	9174.9	1233.2	9187.2	1233.1	9211.2	1234.3	9226.1	1233.2	9335.5
GR	1234.0	9392.0	1236.3	9421.0	1236.1	9558.3	1232.0	9573.1	1231.4	9588.2
GR	1232.7	9620.6	1234.1	9750.0	1234.0	9865.1	1233.6	9875.5	1233.8	9884.4
GR	1232.3	10009.8	1232.8	10024.4	1233.5	10059.6	1233.2	10098.5	1234.1	10173.1
GR	1234.0	10330.1	1233.1	10371.8	1233.3	10411.0	1231.9	10468.5	1235.1	10510.4
GR	1236.2	10549.1	1236.8	10727.7	1235.3	10749.0	1236.1	10769.8	1234.1	10784.5
GR	1234.4	10843.0	1235.7	10872.0	1236.4	10967.1	1235.4	10983.1	1236.2	10995.7
GR	1237.1	11103.2	1236.7	11159.2	1235.9	11175.3	1241.8	11199.1	1243.4	11221.8
GR	1244.9	11252.8	1246.8	11315.1	1248.0	11420.9	1247.0	11430.8	1245.7	11464.9
GR	1246.1	11568.4								
ET	24.212	9.1	7.1				9300	11250	8520	11250
X1	24.212	91	9668.7	10099.7	240	250	248.42			
GR	1243.2	7362.8	1240.7	7366.4	1239.7	7392.7	1238.2	7412.5	1237.9	7449.8
GR	1238.6	7553.6	1237.3	7657.4	1236.8	7761.3	1237.6	7813.2	1236.9	7840.8
GR	1235.1	7858.6	1234.7	7917.0	1234.7	8019.2	1234.0	8054.5	1235.4	8090.2
GR	1235.4	8103.3	1236.3	8117.6	1236.4	8153.1	1236.1	8187.7	1236.2	8228.5
GR	1234.4	8280.2	1235.1	8332.3	1234.9	8373.3	1233.6	8416.6	1235.4	8432.8
GR	1236.6	8488.1	1236.8	8533.3	1234.7	8548.5	1235.0	8567.5	1236.4	8591.9

GR	1237.2	8643.8	1237.5	8797.2	1237.7	8962.3	1237.8	8997.2	1237.2	9006.5
GR	1236.2	9042.0	1235.6	9050.2	1234.5	9058.3	1234.2	9090.4	1235.0	9235.4
GR	1234.1	9382.3	1234.9	9422.6	1233.9	9488.9	1237.0	9515.3	1237.8	9578.4
GR	1236.6	9625.0	1237.4	9644.2	1237.4	9668.7	1234.8	9678.4	1232.8	9764.6
GR	1234.0	9786.0	1235.4	9889.9	1234.3	9983.5	1231.8	9996.8	1232.6	10011.5
GR	1231.3	10063.7	1235.7	10076.8	1236.2	10099.7	1235.1	10195.0	1233.8	10219.6
GR	1233.8	10262.0	1235.1	10355.3	1235.3	10416.5	1234.6	10460.9	1234.9	10564.8
GR	1233.2	10638.2	1234.0	10668.6	1234.1	10720.8	1233.9	10734.6	1237.7	10823.0
GR	1237.5	10830.9	1234.8	10875.1	1236.4	10980.1	1237.0	11100.4	1236.9	11187.8
GR	1237.5	11214.4	1237.4	11287.5	1236.9	11311.8	1237.1	11334.2	1236.3	11350.7
GR	1236.3	11369.5	1238.8	11376.7	1240.4	11382.6	1242.5	11395.4	1242.6	11404.6
GR	1243.8	11422.9	1244.2	11440.9	1243.9	11459.4	1243.1	11464.2	1243.9	11473.8
GR	1244.4	11494.3								
ET	24.260	9.1	7.1				9280	11261	8290	11487.9
X1	24.260	92	9616.4	10224.2	245	255	254.64			
GR	1262.1	7306.7	1252.3	7325.9	1245.1	7343.4	1241.6	7354.1	1239.4	7389.7
GR	1238.7	7396.3	1239.2	7475.7	1239.5	7495.6	1238.6	7682.8	1238.0	7848.4
GR	1237.1	7942.6	1236.0	7969.1	1235.7	8080.9	1235.4	8125.7	1235.7	8170.2
GR	1237.0	8216.7	1237.9	8234.1	1238.4	8256.8	1236.4	8321.7	1234.9	8395.5
GR	1234.8	8419.9	1237.1	8497.4	1236.8	8575.6	1237.8	8629.0	1236.7	8680.4
GR	1238.5	8784.4	1238.6	8836.4	1238.2	8877.6	1236.2	8896.3	1238.3	8949.3
GR	1238.2	9041.9	1235.5	9053.3	1234.0	9106.4	1234.5	9148.4	1234.4	9175.3
GR	1235.7	9191.7	1235.6	9304.4	1235.9	9321.9	1234.6	9336.5	1234.4	9354.6
	1234.9	9356.7	1235.3	9448.2	1235.8	9460.4	1234.9	9568.6	1234.6	9574.1
	1238.4	9595.7	1238.2	9603.2	1238.5	9616.4	1238.0	9658.6	1235.4	9667.2
GR	1236.4	9720.9	1236.5	9772.4	1236.1	9811.6	1233.8	9819.9	1233.7	9831.8
GR	1234.6	9848.3	1234.6	9881.5	1236.1	9928.4	1236.0	9979.1	1234.1	10023.3
GR	1231.7	10037.0	1232.1	10038.9	1232.4	10106.1	1235.3	10125.4	1236.3	10162.3
GR	1236.3	10197.0	1237.0	10224.2	1235.3	10292.4	1234.5	10342.6	1235.2	10396.4
GR	1234.7	10532.3	1234.1	10550.8	1235.5	10629.5	1235.2	10773.6	1234.2	10834.8
GR	1234.5	10862.3	1235.5	10879.9	1235.5	10933.6	1236.5	11072.4	1236.6	11109.4
GR	1237.0	11124.4	1237.2	11236.6	1237.7	11251.0	1242.7	11283.1	1244.5	11319.5
GR	1247.1	11335.2	1248.3	11357.8	1249.1	11385.5	1249.3	11414.2	1250.0	11436.4
GR	1249.9	11466.8	1250.4	11487.9						
ET	24.353	9.1	7.1				9244	11272	7860	11307.9
X1	24.353	93	9244.8	10209.4	475	505	493.87			
GR	1262.7	7378.6	1247.9	7415.9	1243.1	7427.3	1242.2	7445.6	1241.4	7478.3
GR	1240.6	7486.5	1240.3	7514.7	1240.9	7523.9	1240.5	7559.9	1239.6	7597.3
GR	1239.5	7614.5	1240.9	7625.3	1240.5	7702.2	1239.4	7806.7	1239.6	7858.9
GR	1239.5	7885.5	1238.0	7909.3	1237.7	7966.3	1238.6	8015.6	1238.4	8067.9
GR	1237.4	8116.0	1238.0	8276.8	1237.6	8329.0	1237.9	8381.2	1237.5	8440.1
GR	1236.9	8447.8	1237.9	8487.2	1238.4	8496.1	1239.0	8603.6	1237.9	8695.6
GR	1239.1	8714.3	1239.2	8764.1	1239.9	8844.3	1239.8	8884.4	1240.0	8903.6
GR	1239.1	9012.5	1239.6	9020.7	1239.3	9032.1	1239.7	9060.3	1239.7	9164.7
GR	1238.8	9187.2	1239.4	9201.4	1239.4	9217.0	1238.3	9244.8	1237.9	9287.7
GR	1235.3	9296.5	1235.6	9427.1	1236.6	9447.5	1237.1	9492.4	1237.0	9530.4
GR	1236.2	9566.3	1236.4	9613.0	1237.7	9687.1	1236.7	9726.8	1236.7	9739.3
	1237.1	9746.0	1237.6	9896.0	1236.8	9940.1	1233.6	9953.7	1233.9	10016.3
	1233.8	10027.2	1235.9	10048.4	1236.2	10069.9	1235.4	10123.5	1236.7	10131.6
GR	1237.6	10148.2	1238.1	10209.4	1236.4	10366.1	1236.8	10417.1	1235.4	10442.2
GR	1235.0	10481.1	1236.4	10522.8	1236.7	10551.4	1236.0	10560.7	1236.1	10572.7
GR	1237.8	10584.2	1238.5	10596.8	1236.5	10613.4	1236.9	10658.6	1238.3	10668.5

GR	1237.9	10677.3	1238.4	10731.7	1237.6	10769.7	1238.1	10809.8	1237.4	10862.1
GR	1237.3	10940.9	1235.2	10998.1	1235.3	11045.1	1235.8	11085.2	1235.7	11097.4
GR	1236.8	11258.3	1236.8	11265.7	1256.6	11307.9				
ET	24.449		7.1				9320	11319		
X1	24.449	92	9496.2	10169.3	460	525	502.64			
GR	1263.1	7480.4	1261.5	7489.1	1250.1	7529.5	1249.2	7543.3	1248.2	7549.9
GR	1245.9	7555.7	1247.2	7582.8	1248.9	7594.4	1246.2	7645.6	1245.2	7718.8
GR	1247.2	7752.2	1248.1	7786.1	1247.8	7811.3	1245.8	7857.9	1245.7	7875.1
GR	1245.3	7884.4	1244.3	7893.4	1244.1	7898.5	1240.3	7915.9	1239.3	8016.4
GR	1239.1	8069.2	1239.5	8122.0	1240.1	8156.4	1239.5	8235.2	1239.5	8280.5
GR	1238.4	8322.6	1239.6	8343.5	1239.5	8355.6	1240.2	8439.1	1240.2	8510.9
GR	1239.5	8550.3	1239.9	8597.6	1239.9	8650.4	1239.3	8695.0	1240.0	8709.4
GR	1240.9	8750.2	1240.5	8756.1	1242.0	8876.0	1242.1	9030.7	1241.9	9090.1
GR	1240.3	9161.6	1241.1	9181.1	1241.1	9192.2	1242.2	9231.6	1241.9	9337.3
GR	1240.9	9390.1	1240.2	9496.2	1239.0	9538.6	1237.6	9557.0	1236.8	9573.9
GR	1236.9	9602.7	1238.3	9656.4	1238.3	9678.3	1239.9	9694.6	1238.4	9856.2
GR	1237.8	9864.3	1238.2	9890.0	1236.9	9916.2	1235.0	9982.5	1236.4	10034.9
GR	1238.0	10047.2	1238.4	10084.9	1237.6	10101.9	1236.8	10111.0	1237.1	10131.9
GR	1242.7	10169.3	1243.4	10182.6	1243.3	10247.2	1242.7	10272.2	1239.6	10285.3
GR	1240.2	10341.1	1240.2	10392.7	1239.0	10423.1	1237.8	10552.5	1238.2	10627.8
GR	1238.7	10658.1	1238.7	10763.8	1240.1	10846.9	1239.6	10873.0	1240.3	10904.3
GR	1240.2	10920.1	1240.7	10924.8	1239.7	10968.5	1239.8	10975.1	1237.8	11100.8
GR	1236.8	11143.3	1236.9	11292.1	1236.6	11313.1	1256.8	11340.0	1262.3	11347.9
GR	1266.4	11355.0	1266.2	11372.5						
ET	24.543		7.1				9340	11419		
X1	24.543	91	9646.7	10243.6	495	495	500.50			
GR	1263.5	7211.0	1252.7	7236.5	1251.5	7278.4	1251.6	7286.8	1254.4	7313.5
GR	1253.6	7369.3	1252.4	7377.4	1251.9	7386.5	1249.9	7404.2	1248.7	7467.2
GR	1249.7	7472.7	1252.9	7484.9	1255.5	7497.4	1254.7	7502.0	1254.6	7528.3
GR	1256.3	7533.7	1254.5	7542.2	1252.6	7637.5	1252.0	7691.0	1250.6	7746.3
GR	1249.7	7812.2	1247.4	7826.0	1243.4	7844.8	1242.1	8008.2	1241.3	8113.9
GR	1241.9	8182.1	1241.8	8219.6	1242.3	8252.1	1239.4	8262.4	1242.2	8277.0
GR	1241.9	8339.5	1242.2	8490.8	1242.5	8589.6	1241.9	8649.4	1243.0	8695.3
GR	1243.0	8853.8	1244.5	9012.4	1243.7	9118.1	1244.1	9223.8	1243.7	9281.4
GR	1242.1	9297.8	1242.1	9329.5	1243.0	9358.2	1240.9	9382.8	1240.8	9435.3
GR	1236.3	9582.1	1235.6	9594.4	1243.3	9622.9	1243.5	9646.7	1241.9	9709.0
GR	1242.3	9742.6	1244.0	9751.8	1245.4	9766.1	1244.5	9793.5	1243.5	9796.0
GR	1242.9	9806.8	1240.2	9821.0	1239.6	9874.8	1240.3	9923.3	1239.0	9952.8
GR	1240.5	9966.8	1240.8	10077.7	1237.6	10212.4	1237.8	10229.1	1243.2	10243.6
GR	1243.4	10280.9	1242.6	10333.8	1242.5	10386.8	1243.4	10439.4	1241.6	10550.6
GR	1239.4	10565.8	1239.2	10598.0	1238.6	10619.5	1240.4	10703.7	1240.8	10780.2
GR	1239.9	10859.1	1240.9	10869.5	1240.8	10915.2	1241.7	11080.7	1239.4	11105.3
GR	1241.4	11119.9	1239.4	11166.5	1239.8	11241.2	1239.5	11244.2	1238.3	11247.1
GR	1238.7	11285.1	1238.3	11331.3	1238.6	11360.1	1236.8	11366.3	1237.7	11413.5
GR	1259.5	11435.6								
NC	.050	.050	.035							
ET	24.631		7.1				9420	11595		

X1	24.631	93	9445.2	10225.0	450	460	462.47			
GR	1256.3	7653.4	1246.8	7681.4	1246.8	7694.7	1245.6	7709.5	1245.4	7735.3
GR	1246.1	7759.3	1244.9	7923.7	1244.7	7971.1	1243.6	8011.2	1244.4	8020.2
GR	1244.1	8076.9	1244.6	8116.0	1244.5	8129.9	1242.9	8160.0	1244.6	8182.8
GR	1244.3	8288.7	1244.0	8312.3	1244.1	8390.9	1243.8	8432.5	1244.3	8447.5
GR	1243.9	8469.4	1244.5	8553.4	1244.1	8607.0	1243.6	8616.7	1244.3	8659.2
GR	1244.7	8818.1	1245.1	8871.0	1245.0	8993.0	1246.5	9005.4	1246.5	9019.3
GR	1246.0	9032.6	1245.5	9135.7	1246.4	9188.6	1245.9	9295.9	1245.2	9345.9
GR	1243.9	9372.4	1245.1	9445.2	1244.2	9458.1	1243.4	9506.2	1242.9	9515.8
GR	1243.2	9612.1	1241.7	9634.6	1244.1	9652.8	1243.9	9703.9	1244.1	9726.3
GR	1243.6	9823.8	1243.0	9876.8	1242.2	9922.7	1242.7	9982.7	1242.4	10013.0
GR	1240.8	10024.3	1241.4	10058.2	1241.4	10088.5	1240.6	10141.5	1240.1	10194.4
GR	1239.8	10206.2	1240.0	10210.4	1241.4	10215.2	1245.1	10225.0	1244.0	10269.8
GR	1244.1	10303.0	1245.5	10353.2	1245.2	10406.2	1245.3	10433.3	1244.3	10468.3
GR	1244.5	10511.2	1243.9	10551.2	1244.1	10565.0	1243.8	10606.3	1241.7	10613.0
GR	1242.9	10674.7	1242.7	10747.6	1241.4	10894.3	1243.0	10903.4	1243.7	10988.5
GR	1242.6	11030.5	1243.7	11051.6	1241.9	11200.2	1241.4	11221.1	1241.3	11246.9
GR	1239.9	11288.8	1240.7	11359.0	1238.8	11501.9	1239.7	11528.6	1241.9	11571.4
GR	1242.2	11605.1	1242.6	11621.6	1242.6	11672.4	1243.3	11705.0	1238.5	11728.8
GR	1238.2	11739.4	1238.5	11764.0	1248.4	11780.7				
ET	24.721		7.1				9515	11765		
X1	24.721	91	9515.7	10326.1	455	465	474.09			
GR	1261.8	7508.1	1254.9	7540.7	1245.0	7581.6	1243.6	7628.6	1246.0	7647.7
	1246.3	7740.8	1245.4	7819.2	1245.8	7923.7	1246.6	7966.6	1246.2	7986.7
	1247.0	8029.8	1246.2	8082.9	1246.1	8242.0	1246.2	8390.6	1245.2	8424.5
GR	1246.4	8454.3	1246.3	8510.3	1245.2	8528.8	1245.9	8613.5	1245.6	8636.7
GR	1246.5	8649.8	1246.3	8836.9	1246.6	8887.6	1248.0	8899.0	1247.1	8914.5
GR	1247.5	9091.1	1246.7	9178.7	1248.0	9226.8	1247.4	9323.6	1246.8	9346.6
GR	1245.4	9366.7	1247.2	9383.3	1246.1	9400.5	1247.7	9413.1	1247.9	9462.6
GR	1246.8	9490.0	1247.7	9515.7	1246.8	9587.5	1244.3	9601.4	1244.9	9621.8
GR	1245.7	9727.9	1244.5	9858.3	1243.2	9890.5	1244.7	9940.2	1244.6	9975.5
GR	1241.7	10012.2	1241.1	10093.8	1245.3	10118.8	1246.3	10152.5	1246.1	10205.6
GR	1244.7	10227.0	1245.9	10314.0	1247.4	10326.1	1247.6	10339.1	1247.0	10364.8
GR	1247.3	10417.8	1246.7	10524.0	1245.4	10559.4	1245.9	10674.7	1244.1	10688.3
GR	1244.7	10842.4	1244.6	11001.6	1243.8	11185.7	1243.0	11283.3	1241.2	11292.5
GR	1241.1	11426.8	1245.5	11443.5	1243.7	11458.2	1242.7	11489.2	1243.1	11543.1
GR	1244.4	11571.7	1244.1	11580.0	1242.1	11591.3	1242.0	11622.0	1243.4	11639.3
GR	1244.0	11684.9	1243.8	11727.2	1245.0	11744.2	1245.7	11777.1	1245.5	11885.8
GR	1244.3	11934.3	1244.7	11991.0	1246.2	12005.9	1244.7	12027.6	1245.5	12045.0
GR	1242.9	12107.6	1243.6	12121.8	1243.4	12140.1	1240.6	12155.5	1240.7	12187.2
GR	1272.2	12238.0								
ET	24.816		7.1				9680	12025		
X1	24.816	91	9702.2	10291.0	495	480	500.52			
GR	1260.5	7478.0	1259.3	7480.7	1263.8	7498.9	1248.5	7539.7	1247.4	7692.3
GR	1248.3	7711.0	1246.9	7720.6	1248.1	7731.1	1247.8	7768.6	1246.7	7774.4
GR	1248.0	7798.1	1247.1	7950.3	1248.8	8009.6	1247.6	8059.2	1249.1	8108.6
GR	1248.9	8258.9	1247.6	8282.8	1248.9	8326.8	1247.9	8402.6	1248.1	8449.1
	1247.0	8475.7	1248.1	8538.3	1248.1	8623.0	1246.7	8683.0	1247.5	8695.0
	1247.8	8857.7	1250.8	8928.0	1249.5	8957.6	1249.8	9110.8	1250.3	9268.2
GR	1250.0	9437.2	1249.5	9504.2	1250.0	9543.0	1248.3	9702.2	1245.7	9743.1
GR	1245.2	9772.3	1247.7	9781.6	1247.9	9785.3	1247.3	9787.7	1248.2	9813.1
GR	1247.4	9814.6	1247.4	9836.5	1241.8	9860.4	1242.0	9903.9	1244.1	9914.8

GR	1245.4	9967.6	1245.3	10025.7	1247.1	10041.0	1248.3	10133.7	1248.8	10291.0
GR	1248.4	10467.4	1247.8	10536.2	1245.1	10553.7	1245.5	10599.9	1246.4	10626.9
GR	1248.2	10641.7	1247.2	10812.0	1245.9	10970.6	1245.0	11034.0	1243.2	11060.0
GR	1242.4	11235.9	1241.4	11298.6	1246.8	11359.6	1245.5	11457.3	1248.3	11487.7
GR	1248.0	11538.6	1248.7	11616.3	1246.5	11794.4	1245.2	11858.9	1243.4	11863.7
GR	1243.2	11874.1	1244.9	11913.1	1246.0	11956.8	1245.4	11982.9	1247.1	12043.2
GR	1245.3	12069.4	1245.6	12163.7	1247.6	12183.7	1245.9	12366.4	1245.3	12380.4
GR	1242.7	12402.5	1242.8	12428.0	1247.1	12453.6	1247.7	12466.7	1248.2	12517.5
GR	1246.9	12576.8	1243.6	12602.0	1245.9	12615.5	1246.1	12660.3	1245.3	12676.1
GR	1263.5	12713.0								
ET	24.910		7.1				9627	12200		
X1	24.910	92	9627.9	10254.4	485	485	497.86			
GR	1258.8	7560.2	1256.8	7563.9	1265.3	7583.1	1250.8	7617.8	1248.9	7633.4
GR	1250.4	7637.9	1251.2	7647.2	1248.0	7675.5	1249.1	7830.0	1247.5	7940.7
GR	1250.3	7967.8	1249.9	8139.1	1248.8	8174.4	1250.1	8347.8	1251.0	8509.3
GR	1249.2	8536.0	1249.9	8570.8	1251.3	8584.1	1251.5	8761.4	1249.9	8880.8
GR	1250.4	9038.1	1249.5	9091.6	1246.4	9105.5	1246.2	9130.4	1249.1	9148.0
GR	1248.8	9215.2	1250.9	9230.3	1250.0	9277.7	1250.9	9443.4	1251.5	9597.6
GR	1251.1	9627.9	1247.7	9639.1	1248.8	9715.5	1244.7	9736.3	1249.2	9896.5
GR	1248.7	9923.0	1246.5	9935.6	1247.0	9952.2	1250.1	9962.7	1249.6	10095.8
GR	1251.0	10254.4	1249.5	10415.9	1248.2	10531.8	1246.6	10571.7	1244.7	10723.3
GR	1245.0	10755.1	1247.5	10777.4	1246.9	10964.5	1245.6	11034.9	1243.9	11051.4
GR	1245.0	11153.4	1251.3	11176.2	1250.1	11234.3	1247.1	11263.6	1248.8	11277.2
GR	1248.5	11298.2	1250.2	11324.7	1245.3	11354.7	1249.5	11376.9	1248.6	11435.1
GR	1250.3	11451.1	1250.0	11591.9	1246.2	11675.7	1248.6	11707.1	1250.2	11778.7
GR	1251.1	11788.4	1249.0	11884.2	1250.7	11902.3	1250.5	11989.4	1245.5	12013.2
GR	1245.8	12060.2	1247.9	12096.4	1247.9	12198.2	1247.2	12213.2	1247.9	12350.9
GR	1246.4	12395.9	1244.2	12408.3	1244.1	12427.4	1248.0	12448.8	1248.0	12461.9
GR	1245.8	12473.9	1247.0	12490.3	1247.2	12513.5	1250.1	12532.1	1249.5	12707.2
GR	1249.5	12829.3	1250.5	12862.0	1248.7	12890.4	1248.4	12951.7	1246.7	12964.3
GR	1246.5	12975.7	1259.6	12997.3						
ET	24.996		7.1				9773	12290		
X1	24.996	96	9774.0	10632.3	435	440	453.24			
GR	1254.4	7668.6	1255.6	7682.4	1253.3	7774.4	1252.5	7785.0	1252.9	7828.8
GR	1250.8	7840.2	1249.6	7995.9	1250.5	8047.8	1250.3	8099.7	1248.3	8201.7
GR	1251.3	8255.4	1250.9	8411.0	1250.4	8444.6	1251.5	8463.0	1253.0	8566.7
GR	1250.8	8652.6	1252.5	8696.2	1251.2	8717.9	1252.0	8746.9	1253.0	8753.4
GR	1253.3	8948.2	1252.1	9141.0	1251.8	9301.7	1249.0	9319.2	1250.0	9345.0
GR	1249.7	9404.1	1251.9	9428.2	1253.9	9461.8	1251.9	9472.2	1253.0	9564.4
GR	1252.2	9619.0	1251.5	9625.6	1253.1	9632.6	1253.1	9774.0	1249.9	9791.3
GR	1251.3	9888.4	1248.8	9906.8	1246.5	9913.9	1246.3	9992.8	1251.7	10012.2
GR	1251.9	10171.5	1251.6	10198.7	1250.5	10222.4	1251.0	10358.3	1249.9	10397.4
GR	1247.8	10423.0	1247.9	10562.7	1251.0	10632.3	1251.3	10742.4	1250.8	10781.7
GR	1248.5	10834.6	1246.8	10901.3	1246.9	10937.6	1249.6	10961.7	1249.1	11048.3
GR	1246.4	11064.6	1246.4	11141.1	1250.7	11165.4	1250.6	11205.1	1251.4	11268.0
GR	1248.9	11363.8	1250.7	11381.9	1251.5	11417.3	1250.3	11433.5	1252.5	11592.2
GR	1252.6	11754.2	1251.3	11837.5	1252.5	11924.5	1247.9	11950.2	1249.3	12001.8
GR	1251.6	12125.4	1248.6	12142.4	1248.2	12162.5	1249.1	12171.5	1248.7	12200.8
GR	1248.0	12211.3	1249.8	12369.4	1250.4	12415.7	1248.6	12477.3	1248.6	12557.6
GR	1247.9	12565.5	1251.2	12585.7	1252.4	12638.3	1251.9	12653.4	1252.8	12687.0
GR	1251.6	12800.2	1253.2	12843.0	1252.7	12865.4	1251.6	12881.9	1252.7	12938.1
GR	1250.9	12975.2	1250.9	13009.4	1248.8	13019.0	1250.7	13059.6	1254.0	13074.1

GR	1270.0	13110.8								
ET	25.098		7.1				9859	12250		
X1	25.098	91	9859.6	10546.5	535	520	539.62			
GR	1263.1	7925.6	1262.8	7930.1	1265.1	7951.6	1260.3	7968.4	1264.8	7995.4
GR	1259.5	8009.4	1258.1	8021.7	1257.3	8046.6	1254.3	8060.4	1253.2	8124.7
GR	1254.0	8215.3	1253.4	8247.2	1251.8	8267.1	1250.8	8316.4	1250.6	8451.7
GR	1251.4	8455.6	1254.7	8496.2	1254.2	8678.5	1253.8	8781.4	1254.8	8911.4
GR	1252.7	8928.9	1253.0	8956.9	1254.9	8967.5	1254.9	9141.7	1254.7	9296.6
GR	1254.0	9455.1	1254.7	9508.0	1254.3	9560.9	1254.9	9648.2	1251.7	9661.4
GR	1250.9	9699.0	1253.7	9845.4	1255.2	9859.6	1252.9	10042.7	1252.9	10047.9
GR	1249.7	10076.5	1250.9	10121.4	1250.2	10248.8	1251.9	10300.9	1251.8	10459.5
GR	1252.8	10546.5	1252.0	10565.2	1252.7	10619.1	1251.8	10643.8	1251.9	10723.8
GR	1250.6	10757.8	1252.5	10784.3	1251.4	10938.4	1251.0	11029.3	1248.9	11041.4
GR	1248.6	11131.0	1253.4	11145.7	1252.4	11217.0	1253.7	11329.6	1252.8	11416.3
GR	1253.9	11569.4	1255.1	11622.4	1254.8	11783.3	1253.0	11885.9	1251.7	11898.4
GR	1252.9	11925.1	1250.7	11938.6	1251.3	12032.1	1250.8	12046.4	1249.0	12071.6
GR	1249.2	12111.2	1251.3	12128.1	1251.6	12138.9	1254.2	12171.0	1254.6	12323.1
GR	1255.1	12353.5	1250.5	12370.6	1251.4	12408.3	1251.0	12451.5	1252.8	12467.5
GR	1252.6	12534.1	1251.9	12546.2	1253.5	12564.8	1253.2	12611.7	1252.4	12627.7
GR	1253.5	12657.6	1252.4	12684.0	1253.1	12696.6	1253.0	12739.9	1251.0	12814.5
GR	1253.6	12841.9	1255.3	12943.2	1257.2	12959.3	1257.1	12967.1	1256.1	12972.0
GR	1259.5	12985.5								
	.050	.050	.030							
	2	29000	29000							
ET	25.192	9.1	7.1				9850	12000	8282.6	12674.3
X1	25.192	95	9851.9	10463.2	540	495	498.98			
GR	1260.8	8057.2	1259.8	8070.1	1260.2	8075.7	1264.4	8105.0	1260.5	8124.2
GR	1261.4	8130.8	1265.2	8150.7	1256.9	8184.9	1255.9	8212.1	1257.8	8225.3
GR	1257.5	8282.6	1254.4	8303.3	1255.6	8329.0	1256.7	8339.2	1256.2	8342.1
GR	1254.8	8400.4	1253.0	8415.6	1252.8	8537.0	1253.4	8561.9	1253.1	8587.9
GR	1253.9	8638.7	1254.1	8782.1	1255.6	8841.9	1255.9	8999.2	1256.2	9116.9
GR	1254.4	9127.7	1255.0	9143.5	1255.0	9156.4	1256.4	9164.4	1255.9	9197.5
GR	1256.1	9378.4	1255.9	9421.4	1256.6	9464.5	1256.8	9618.6	1256.4	9722.8
GR	1257.2	9813.1	1257.1	9851.9	1254.7	9860.0	1253.1	9867.0	1253.5	9929.4
GR	1253.0	9972.0	1254.1	10013.5	1253.0	10025.8	1252.1	10049.3	1250.4	10071.7
GR	1250.0	10110.2	1251.3	10185.5	1253.3	10215.0	1254.2	10243.6	1251.4	10290.0
GR	1252.9	10343.6	1254.2	10463.2	1253.9	10554.9	1254.3	10607.9	1253.5	10777.0
GR	1253.2	10862.6	1252.3	10888.7	1250.5	10904.0	1250.7	10963.8	1256.0	11005.7
GR	1256.2	11025.3	1253.7	11137.8	1254.3	11190.8	1254.0	11307.0	1254.9	11410.0
GR	1254.9	11483.1	1255.4	11620.7	1253.8	11691.0	1251.2	11756.7	1253.4	11780.4
GR	1253.6	11787.1	1252.6	11819.6	1250.9	11841.8	1250.7	11883.2	1256.0	11905.0
GR	1256.9	12002.6	1256.8	12028.3	1254.1	12072.1	1255.9	12119.8	1255.9	12130.0
GR	1254.2	12139.8	1254.8	12183.4	1253.8	12237.6	1256.4	12258.0	1256.4	12279.7
GR	1255.2	12318.3	1256.2	12333.7	1256.7	12350.8	1256.4	12443.4	1255.1	12497.5
GR	1255.6	12549.5	1255.6	12602.7	1254.4	12630.7	1253.5	12644.3	1264.2	12674.3
ET	25.288		7.1				9800	11825		
	25.288	93	9806.4	10365.7	550	500	504.04			
	1259.7	8627.7	1265.4	8674.1	1260.9	8701.1	1265.6	8729.3	1260.3	8762.5
GR	1258.1	8818.3	1257.7	8869.0	1256.2	8902.4	1256.3	8978.5	1255.7	8987.7
GR	1255.4	9004.8	1255.6	9041.3	1256.6	9055.8	1256.3	9068.6	1256.5	9118.7
GR	1256.3	9168.8	1257.3	9201.1	1256.1	9220.7	1257.3	9268.9	1257.3	9297.8

GR	1256.7	9307.8	1257.2	9323.0	1257.3	9334.0	1257.7	9343.7	1258.1	9474.1
GR	1257.3	9521.8	1258.5	9569.6	1257.9	9619.3	1259.7	9719.4	1259.1	9806.4
GR	1256.5	9817.9	1255.0	9841.1	1253.7	9854.6	1254.4	9876.5	1253.2	9929.5
GR	1251.9	9956.7	1251.4	9982.5	1251.3	10020.7	1252.2	10036.7	1253.5	10088.5
GR	1254.0	10141.4	1255.0	10201.6	1255.3	10242.4	1252.9	10300.4	1252.9	10322.5
GR	1253.4	10343.7	1254.9	10365.7	1254.8	10375.1	1255.2	10386.6	1255.9	10393.3
GR	1256.7	10459.3	1256.1	10618.2	1256.0	10632.1	1254.4	10676.7	1254.9	10707.7
GR	1254.5	10727.1	1256.1	10735.8	1257.1	10778.7	1257.7	10830.1	1257.8	10871.3
GR	1258.3	10907.8	1256.6	10938.0	1255.9	10958.1	1256.7	11086.1	1256.6	11099.8
GR	1255.2	11148.0	1256.4	11262.8	1257.2	11361.9	1256.8	11377.2	1254.6	11423.3
GR	1254.9	11445.2	1254.6	11515.2	1253.7	11562.6	1252.4	11610.0	1255.3	11639.4
GR	1255.8	11655.2	1256.7	11665.0	1257.9	11705.5	1258.0	11725.2	1257.6	11758.3
GR	1258.1	11795.1	1257.9	11854.5	1255.9	11907.2	1256.7	11921.9	1256.5	11972.5
GR	1258.0	11995.4	1258.6	12145.0	1258.4	12170.6	1257.3	12205.8	1257.3	12277.3
GR	1256.4	12316.5	1258.0	12352.3	1260.8	12365.4				
ET	25.382		7.1				9740	11690		
X1	25.382	94	9742.2	10312.4	440	495	497.55			
GR	1263.0	9110.4	1262.0	9141.4	1261.0	9161.4	1260.7	9172.7	1260.9	9176.1
GR	1264.2	9190.8	1267.1	9208.8	1263.7	9218.2	1262.6	9230.0	1262.0	9233.4
GR	1260.9	9263.3	1259.0	9276.5	1258.6	9285.5	1258.1	9291.5	1257.4	9304.2
GR	1257.1	9330.9	1258.7	9343.2	1258.2	9373.3	1258.8	9410.4	1258.5	9415.0
GR	1258.1	9426.6	1258.4	9449.0	1259.3	9474.3	1259.2	9575.3	1259.6	9628.2
GR	1259.0	9683.2	1259.3	9695.9	1259.5	9738.6	1259.4	9742.2	1253.8	9762.6
GR	1255.2	9840.1	1255.1	9946.0	1255.2	9998.9	1253.8	10051.9	1253.7	10109.3
GR	1255.3	10210.7	1255.2	10226.6	1255.5	10268.0	1255.0	10282.6	1256.7	10312.4
GR	1257.6	10369.6	1258.2	10422.9	1256.0	10530.6	1257.9	10546.8	1258.4	10581.5
GR	1257.7	10634.4	1257.6	10740.4	1258.5	10792.6	1258.8	10846.3	1258.4	10952.2
GR	1258.8	11005.1	1258.5	11051.0	1258.5	11090.3	1257.0	11233.3	1256.4	11278.9
GR	1256.9	11309.5	1257.2	11316.9	1257.5	11341.0	1257.3	11359.7	1256.8	11375.8
GR	1257.4	11426.0	1257.2	11452.8	1257.4	11457.7	1259.5	11485.1	1259.1	11503.3
GR	1257.5	11520.3	1257.3	11542.5	1259.5	11562.4	1259.3	11584.1	1260.1	11637.2
GR	1259.9	11692.7	1260.1	11708.0	1258.1	11725.5	1257.6	11747.1	1257.9	11781.6
GR	1257.8	11821.4	1260.1	11848.5	1259.6	11856.9	1259.4	11873.3	1258.8	11888.3
GR	1258.6	11898.8	1259.5	11911.1	1259.5	11919.4	1258.5	11932.5	1258.0	11943.7
GR	1257.6	11962.7	1259.3	11984.4	1259.6	11994.2	1259.4	12014.8	1259.1	12018.3
GR	1259.7	12026.4	1258.3	12062.1	1263.0	12087.9	1265.9	12099.8		
ET	25.478		7.1				9750	11715		
X1	25.478	93	9750.7	10127.1	535	475	506.15			
GR	1266.4	9454.8	1266.3	9462.5	1266.6	9467.0	1264.1	9480.2	1262.3	9493.0
GR	1267.1	9518.7	1262.5	9537.0	1262.0	9559.9	1262.1	9574.0	1258.4	9603.5
GR	1258.9	9613.7	1260.9	9630.3	1261.6	9638.5	1261.9	9668.7	1262.0	9731.0
GR	1261.9	9750.7	1256.0	9783.0	1254.8	9809.7	1255.0	9818.3	1254.8	9843.9
GR	1257.0	9867.9	1256.9	9871.4	1256.5	9925.9	1256.2	9967.1	1256.2	9978.3
GR	1255.4	10002.9	1254.7	10024.1	1254.5	10043.4	1254.3	10083.1	1253.9	10104.4
GR	1253.9	10108.1	1257.7	10127.1	1257.7	10134.0	1258.0	10169.9	1258.2	10187.9
GR	1258.4	10223.6	1258.5	10240.3	1258.5	10263.4	1258.3	10292.7	1257.0	10332.0
GR	1257.6	10345.1	1257.5	10395.5	1257.1	10411.4	1258.2	10417.9	1258.1	10431.7
GR	1257.6	10450.0	1257.5	10504.6	1257.4	10539.4	1257.1	10566.7	1260.3	10593.4
GR	1260.2	10598.2	1261.0	10622.4	1261.1	10659.6	1261.4	10711.1	1261.4	10711.9
GR	1261.0	10764.3	1260.7	10821.9	1260.8	10869.1	1260.7	10883.2	1260.8	10921.5
GR	1260.5	10959.6	1260.3	10981.5	1260.2	11026.3	1260.0	11078.8	1259.8	11101.1
GR	1259.5	11131.2	1259.5	11141.0	1259.8	11183.6	1259.6	11234.0	1260.8	11248.0

GR	1260.6	11288.4	1260.1	11313.0	1259.7	11329.7	1260.3	11340.8	1260.1	11369.5
GR	1260.0	11382.3	1260.0	11422.5	1260.8	11433.9	1260.5	11477.6	1259.8	11498.0
GR	1260.0	11506.6	1260.8	11539.1	1260.8	11551.3	1260.5	11589.5	1260.4	11591.7
GR	1261.0	11612.2	1259.6	11628.8	1258.8	11665.3	1258.9	11666.4	1259.7	11701.5
GR	1260.5	11739.0	1260.7	11748.7	1270.5	11764.3				
ET	25.526	9.1	7.1				9779	11805	9639.4	11600
X1	25.526	95	9779.3	10104.4	255	255	253.16			
GR	1267.1	9542.2	1262.9	9577.3	1266.7	9597.2	1263.5	9616.8	1263.7	9639.4
GR	1263.5	9661.4	1262.4	9668.4	1262.7	9671.0	1262.7	9696.8	1262.5	9712.4
GR	1262.7	9773.0	1262.5	9779.3	1254.8	9812.3	1254.6	9828.4	1255.5	9842.9
GR	1257.0	9870.7	1257.0	9906.3	1256.7	9922.2	1256.3	9959.7	1256.1	9974.6
GR	1255.5	10027.1	1254.7	10054.4	1253.9	10086.4	1253.7	10090.4	1257.1	10104.4
GR	1257.6	10141.6	1257.8	10184.4	1258.3	10221.3	1258.5	10236.9	1258.8	10266.8
GR	1259.0	10289.3	1258.4	10328.2	1258.2	10342.0	1258.6	10393.6	1259.6	10412.1
GR	1259.7	10446.7	1259.5	10460.3	1259.3	10499.1	1258.5	10551.5	1258.1	10574.0
GR	1257.8	10604.0	1257.9	10636.4	1258.0	10651.3	1258.4	10658.5	1260.6	10670.8
GR	1260.9	10700.5	1262.0	10715.8	1260.9	10758.3	1260.5	10806.2	1260.8	10813.8
GR	1261.1	10834.3	1261.4	10859.6	1261.3	10866.3	1261.2	10898.4	1261.4	10938.2
GR	1261.5	10971.2	1261.3	10999.8	1261.2	11023.6	1261.5	11057.7	1261.3	11097.5
GR	1261.1	11137.4	1260.8	11165.3	1260.9	11193.3	1261.8	11228.0	1261.8	11256.5
GR	1262.0	11285.8	1262.0	11296.2	1261.3	11355.7	1260.6	11388.5	1259.5	11416.0
GR	1261.3	11433.1	1261.3	11435.7	1259.9	11469.9	1259.5	11476.3	1259.4	11483.9
GR	1257.4	11495.7	1257.9	11522.5	1259.0	11562.2	1259.2	11574.1	1259.9	11599.5
	1260.1	11606.8	1259.9	11626.7	1261.2	11652.2	1259.6	11677.4	1261.5	11691.2
	1261.9	11696.0	1262.2	11720.6	1260.9	11730.3	1261.0	11767.0	1261.1	11778.8
GR	1259.4	11786.2	1259.3	11801.8	1266.3	11813.0	1267.2	11816.6	1269.8	11833.1
ET	25.572	9.1	7.1				9840	11210	9671.0	11498.9
X1	25.572	75	9849.9	10115.3	255	240	245.34			
GR	1265.5	9602.5	1266.5	9616.5	1262.8	9641.1	1268.5	9671.0	1267.5	9677.5
GR	1264.7	9690.9	1264.5	9714.1	1264.1	9729.4	1263.8	9739.2	1263.0	9795.2
GR	1263.4	9803.7	1263.8	9809.2	1262.2	9818.8	1259.6	9830.1	1258.4	9846.0
GR	1257.7	9849.9	1255.8	9858.6	1254.7	9862.5	1255.2	9876.1	1255.3	9881.1
GR	1256.0	9900.3	1256.2	9902.5	1255.9	9913.5	1255.9	9918.4	1255.7	9958.7
GR	1255.4	10011.1	1255.0	10056.4	1255.2	10098.7	1257.7	10115.3	1258.1	10168.3
GR	1258.2	10198.5	1258.3	10220.8	1258.4	10277.5	1259.4	10325.6	1259.4	10335.1
GR	1260.2	10386.3	1260.3	10412.0	1260.3	10430.4	1260.0	10482.8	1259.3	10535.2
GR	1258.9	10574.3	1258.7	10587.6	1258.4	10613.1	1258.1	10640.1	1258.1	10650.1
GR	1260.7	10664.8	1261.9	10687.0	1261.1	10705.0	1261.2	10710.8	1262.1	10744.9
GR	1262.5	10773.7	1262.3	10813.6	1262.2	10865.4	1262.2	10902.1	1262.1	10918.8
GR	1262.0	10954.4	1261.5	10995.4	1261.0	11045.9	1261.2	11071.8	1261.7	11111.7
GR	1262.3	11148.2	1262.5	11164.1	1262.5	11198.9	1262.1	11258.4	1261.9	11269.4
GR	1260.8	11298.6	1260.0	11321.4	1259.6	11332.0	1258.6	11422.1	1258.6	11428.1
GR	1263.9	11443.4	1269.1	11458.3	1274.7	11471.9	1276.1	11483.8	1276.5	11498.9
ET	25.666	9.1	7.1				9830	10810	9765.6	11195.3
X1	25.666	66	9842.4	10115.1	525	480	496.68			
GR	1275.1	9731.1	1266.5	9742.2	1262.3	9747.3	1268.1	9765.6	1265.6	9789.2
	1263.2	9809.0	1261.8	9820.4	1259.6	9837.2	1259.8	9842.4	1255.4	9854.2
	1255.5	9869.6	1256.6	9907.7	1256.6	9916.6	1257.0	9929.5	1256.6	9945.6
GR	1256.5	9949.5	1256.5	9960.5	1256.4	9998.6	1256.7	10050.9	1256.2	10095.0
GR	1258.3	10115.1	1259.3	10155.5	1259.4	10170.1	1259.4	10210.2	1259.6	10250.2
GR	1259.6	10260.2	1259.8	10279.0	1260.0	10312.4	1260.4	10354.5	1260.6	10364.7

GR	1260.6	10388.0	1260.6	10430.0	1260.6	10469.4	1260.5	10490.3	1260.6	10521.7
GR	1261.1	10577.4	1261.3	10588.1	1264.4	10607.2	1264.4	10610.8	1263.8	10643.8
GR	1263.5	10654.2	1264.6	10672.1	1264.3	10700.6	1263.5	10714.3	1263.1	10727.6
GR	1263.3	10732.9	1263.9	10738.0	1264.3	10744.6	1264.1	10757.9	1263.9	10783.2
GR	1263.4	10835.5	1262.7	10890.4	1261.4	10940.1	1260.7	10986.7	1260.2	11013.2
GR	1259.9	11020.1	1260.3	11048.1	1260.3	11069.2	1260.8	11097.6	1260.9	11102.2
GR	1262.5	11108.2	1269.9	11136.7	1272.2	11149.3	1277.0	11186.8	1277.3	11190.7
GR	1278.3	11195.3								
ET	25.691		7.1				9521	10500		
X1	25.691	49	9521.3	10196.0	470	460	460			
GR	1288.0	9103.6	1288.0	9125.2	1287.5	9136.0	1286.0	9156.2	1284.0	9168.9
GR	1282.0	9180.9	1280.8	9183.5	1280.0	9186.4	1274.0	9196.3	1264.0	9213.0
GR	1264.0	9373.5	1263.4	9400.1	1262.5	9485.0	1262.0	9498.9	1262.0	9511.0
GR	1263.6	9521.3	1263.3	9522.6	1262.0	9568.4	1262.0	9659.5	1261.6	9714.1
GR	1260.0	9921.4	1260.0	9938.7	1258.0	9949.6	1258.0	10121.7	1260.0	10129.1
GR	1260.0	10187.9	1262.0	10196.0	1262.0	10287.1	1263.8	10303.5	1264.0	10307.4
GR	1264.0	10370.7	1263.6	10376.4	1263.1	10389.2	1262.0	10401.9	1262.0	10445.4
GR	1262.3	10497.6	1262.0	10555.0	1262.0	10623.2	1263.4	10636.5	1264.0	10644.5
GR	1264.0	10787.1	1264.7	10808.9	1266.0	10847.3	1267.8	10862.2	1268.3	10864.2
GR	1272.0	10873.3	1282.0	10899.4	1284.0	10905.7	1286.9	10913.0		
ET	25.72		7.1				9370	10300		
X1	25.72	19	9925	10075	355	355	375			
GR	1300	8680	1280	8775	1272	8800	1268	8870	1264	9275
GR	1265	9370	1264	9475	1263.6	9635	1264	9785	1265.2	9835
GR	1264	9925	1257.8	10000	1260	10075	1264	10380	1265.2	10500
GR	1264	10630	1264	10665	1280	10715	1282	10770		
ET	25.79		7.1				9300	10250		
X1	25.79	18	9930	10060	350	350	350			
GR	1300	8320	1280	8370	1272	8390	1268	8690	1264	9405
GR	1264	9465	1267	9720	1264	9835	1264	9930	1260	9950
GR	1258.8	10000	1260	10060	1264	10325	1265.5	10400	1264	10480
GR	1264	10500	1276	10530	1280	10620				
ET	25.86		7.1				9150	10201		
X1	25.86	25	9940	10200	400	400	400			
GR	1300	7650	1280	7740	1276	7750	1272	8220	1268	8300
GR	1267.5	8340	1268	8395	1270.8	8500	1268	8615	1267.6	8690
GR	1268	8795	1268	8960	1269	9060	1268	9190	1265.6	9335
GR	1266	9600	1268	9740	1268	9820	1264	9940	1260	9950
GR	1260	10055	1264	10200	1280	10215	1280	10300	1284	10340
NC	0.060	0.065	.035							
ET	25.94		7.1				9080	10280		
X1	25.94	21.0	9945	10117	450	420	430			
GR	1276.1	7527	1273	7678	1273.9	7868	1272.1	8087.0	1270.3	8382.0
GR	1270.3	8578.0	1268.1	8600.0	1271.4	8631.0	1271.2	8762.0	1270.1	9101.0
GR	1267.2	9241.0	1271.2	9532.0	1269.2	9945.0	1264.2	10000.0	1267.0	10117.0
GR	1263.4	10185.0	1270.1	10242.0	1270.3	10425.0	1269.7	10480.0	1269.0	10780.0
GR	1276.0	11050.0								

ET	26.03		7.1				9170	10690		
X1	26.03	22.0	9605	10107	310	500	460			
GR	1277.6	7761.0	1275.0	7965.0	1272.8	8180.0	1274.1	8487.0	1270.2	8635.0
GR	1272.2	8747.0	1272.2	8889.0	1270.7	9174.0	1267.9	9265.0	1270.7	9439.0
GR	1272.1	9605.0	1270.7	9845.0	1266.3	10000.0	1269.6	10107.0	1269.9	10219.0
GR	1273.0	10283.0	1271.8	10664.0	1268.7	11124.0	1272.8	11140.0	1273.1	11345.0
GR	1284.0	11870.0	1300.0	11940.0						
ET	26.12		7.1				9180	11020		
X1	26.12	28.0	9730	10061	410	505	450			
GR	1310.6	7955.0	1276.8	8051.0	1274.9	8267.0	1275.4	8550.0	1272.1	8783.0
GR	1270.2	8813.0	1273.9	8961.0	1269.7	9161.0	1272.6	9271.0	1272.1	9355.0
GR	1269.5	9382.0	1269.2	9454.0	1271.4	9484.0	1273.5	9730.0	1271.8	9883.0
GR	1268.8	9911.0	1267.6	10000.0	1273.8	10061.0	1273.4	10283.0	1270.5	10295.0
GR	1270.5	10363.0	1274.3	10560.0	1271.8	11007.0	1269.0	11312.0	1275.1	11342.0
GR	1274.1	11756.0	1277.8	11914.0	1278.2	12020.0				
ET	26.20		7.1				9230	11060		
X1	26.20	26.0	9682	10073	460	460	460			
GR	1320.0	8155.0	1277.3	8236.0	1276.5	8710.0	1273.9	8733.0	1273.6	9010.0
GR	1274.0	9129.0	1271.7	9154.0	1274.9	9355.0	1275.5	9682.0	1274.3	9926.0
GR	1270.1	9945.0	1269.2	10000.0	1269.9	10056.0	1276.9	10073.0	1276.8	10428.0
GR	1271.8	10571.0	1276.1	10720.0	1274.9	10973.0	1272.2	11247.0	1277.7	11340.0
	1276.7	11610.0	1277.7	12125.0	1280.9	12452.0	1277.2	12466.0	1311.7	12568.0
	1311.5	12620.0								
ET	26.29		7.1				9380	11060		
X1	26.29	26.0	9696	10120	460	410	440			
GR	1307.9	8275.0	1279.3	8338.0	1278.4	8722.0	1275.7	8754.0	1276.5	8962.0
GR	1277.4	9349.0	1273.2	9372.0	1276.7	9696.0	1274.9	9925.0	1271.6	9943.0
GR	1271.6	10000.0	1273.7	10084.0	1278.8	10120.0	1278.2	10393.0	1278.4	10757.0
GR	1275.0	11021.0	1273.9	11201.0	1279.2	11227.0	1276.8	11724.0	1278.8	11784.0
GR	1280.5	12462.0	1281.9	12794.0	1279.6	12804.0	1312.6	12882.0	1311.4	13079.0
GR	1312.6	13190.0								
ET	26.37		7.1				9480	10990		
X1	26.37	28.0	9764	10060	490	460	460			
GR	1341.1	8245.0	1302.1	8325.0	1310.7	8385.0	1284.2	8489.0	1279.3	8679.0
GR	1280.9	8794.0	1277.2	8820.0	1277.0	9094.0	1279.8	9111.0	1278.4	9552.0
GR	1272.6	9626.0	1278.0	9764.0	1275.2	9930.0	1271.9	10000.0	1271.9	10035.0
GR	1276.6	10060.0	1279.7	10278.0	1279.2	10714.0	1274.3	11081.0	1281.5	11109.0
GR	1277.0	11260.0	1276.8	11323.0	1279.4	11846.0	1281.5	12564.0	1282.1	13117.0
GR	1292.3	13193.0	1308.9	13246.0	1327.1	13564.0				
NC	0.060	0.070	0.035							
QT	2	27000	27000							
ET	26.47		7.1				9500	10820		
X1	26.47	28.0	9639	10087	510	480	490			
	1320.7	8320.0	1318.5	8426.0	1293.6	8594.0	1293.6	8634.0	1285.0	8688.0
	1283.1	8975.0	1280.1	9010.0	1279.7	9341.0	1280.1	9639.0	1275.8	10000.0
GR	1275.3	10038.0	1280.3	10087.0	1281.9	10375.0	1278.4	10594.0	1276.5	10860.0
GR	1278.1	11007.0	1282.7	11032.0	1282.6	11262.0	1283.4	11594.0	1281.7	12356.0
GR	1284.0	13073.0	1288.7	13168.0	1285.7	13183.0	1288.5	13347.0	1317.8	13452.0

GR	1321.3	13514.0	1321.3	13579.0	1331.5	13676.0				
ET	26.55		7.1				9600	10730		
X1	26.55	31.0	9728	10117	420	430	430			
GR	1322.8	8495.0	1310.2	8630.0	1303.3	8745.0	1287.3	8834.0	1288.9	8876.0
GR	1285.1	8930.0	1285.1	8942.0	1289.1	8956.0	1285.3	9217.0	1279.5	9245.0
GR	1282.0	9507.0	1283.3	9728.0	1278.7	9978.0	1276.9	10000.0	1276.6	10080.0
GR	1280.0	10117.0	1282.0	10254.0	1278.2	10786.0	1281.2	10897.0	1280.9	10931.0
GR	1284.3	10981.0	1284.1	11205.0	1283.5	11788.0	1283.8	13009.0	1286.5	13411.0
GR	1289.8	13440.0	1287.7	13464.0	1295.1	13616.0	1305.6	13865.0	1304.1	14055.0
GR	1333.3	14131.0								
ET	26.63		7.1				9780	10770		
X1	26.63	22.0	9792	10187	440	470	460			
GR	1310.9	9050.0	1310.0	9116.0	1288.0	9208.0	1286.8	9488.0	1282.7	9510.0
GR	1282.7	9641.0	1284.1	9792.0	1279.5	10000.0	1281.8	10187.0	1280.9	10467.0
GR	1279.4	10741.0	1282.9	10861.0	1283.0	11016.0	1285.4	11057.0	1285.6	11351.0
GR	1283.8	12475.0	1286.4	13757.0	1288.6	13810.0	1348.8	13939.0	1348.8	13956.0
GR	1345.6	13961.0	1345.6	13967.0						
ET	26.73	9.1	7.1				9870	10850	9355	13648
X1	26.73	31.0	9898	10125	460	470	490			
GR	1312.2	9355.0	1313.9	9457.0	1289.8	9540.0	1287.5	9720.0	1282.4	9755.0
GR	1285.6	9834.0	1280.7	9898.0	1279.8	10000.0	1279.9	10125.0	1279.9	10364.0
GR	1283.4	10385.0	1283.4	10521.0	1280.9	10543.0	1283.2	10628.0	1285.7	11057.0
GR	1287.2	11263.0	1286.8	11621.0	1286.8	13292.0	1287.3	13590.0	1290.5	13648.0
GR	1286.3	13673.0	1302.5	13759.0	1293.3	13811.0	1295.0	13870.0	1317.7	13944.0
GR	1310.7	13981.0	1332.7	14126.0	1350.7	14161.0	1350.7	14176.0	1346.0	14188.0
GR	1346.0	14190.0								
ET	26.83		7.1				9874	10870		
X1	26.83	25.0	9898	10125	550	330	540			
GR	1303.7	9740.0	1304.8	9785.0	1291.2	9827.0	1289.4	9869.0	1282.6	9898.0
GR	1282.5	10000.0	1282.3	10125	1282.0	10343.0	1286.0	10362.0	1286.3	10962.0
GR	1284.8	11136.0	1288.0	11195.0	1288.0	11584.0	1287.5	12676.0	1288.5	13514.0
GR	1323.9	13589.0	1321.5	13669.0	1323.6	13742.0	1318.5	13788.0	1323.7	13842.0
GR	1323.6	13996.0	1336.4	14099.0	1350.0	14129.0	1350.0	14147.0	1344.2	14188.0
ET	26.94		7.1				9806	10710		
X1	26.94	24.0	9944	10174	620	350	590			
GR	1311.5	9330.0	1313.5	9568.0	1301.3	9733.0	1304.3	9766.0	1285.5	9819.0
GR	1282.1	9944.0	1282.1	10000.0	1282.1	10174.0	1286.5	10203.0	1286.1	10597.0
GR	1288.8	10687.0	1285.8	10979.0	1288.7	11028.0	1289.1	12153.0	1289.7	13042.0
GR	1289.8	13168.0	1307.7	13292.0	1311.9	13387.0	1325.6	13469.0	1332.0	13579.0
GR	1347.6	13613.0	1348.7	13642.0	1344.2	13687.0	1371.6	13825.0		
ET	27.03		7.1				9704	10500		
X1	27.03	23.0	9922	10079	490	340	460			
GR	1307.8	9627.0	1301.5	9679.0	1283.2	9723.0	1281.2	9814.0	1282.6	9900.0
GR	1287.2	9922.0	1283.5	9949.0	1283.4	10000.0	1283.4	10054.0	1286.2	10079.0
GR	1288.9	10450.0	1290.7	10553.0	1288.0	10732.0	1291.0	10749.0	1291.0	11081.0
GR	1291.4	12573.0	1293.7	12649.0	1291.4	12657.0	1301.2	12783.0	1303.3	12821.0
GR	1300.5	12889.0	1319.6	12961.0	1330.8	13050.0				

ET	27.11		7.1				9130	10140		
X1	27.11	38.0	9895	10136	280	360	420			
GR	1300.0	8820.0	1292.0	8828.0	1286.3	9000.0	1283.7	9045.0	1286.4	9071.0
GR	1284.7	9124.0	1285.5	9203.0	1289.9	9227.0	1290.1	9376.0	1286.3	9396.0
GR	1288.5	9435.0	1284.8	9548.0	1288.1	9601.0	1288.2	9629.0	1285.7	9650.0
GR	1285.2	9709.0	1288.0	9764.0	1288.0	9895.0	1288.0	10000.0	1288.1	10114.0
GR	1291.3	10136.0	1291.1	10368.0	1292.4	11244.0	1293.8	12097.0	1294.7	12157.0
GR	1293.2	12174.0	1314.2	12293.0	1316.9	12330.0	1326.2	12399.0	1325.4	12486.0
GR	1316.7	12527.0	1324.8	12566.0	1331.8	12640.0	1351.1	12676.0	1350.7	12742.0
GR	1342.9	12788.0	1368.7	12817.0	1368.7	12873.0				
ET	27.19		7.1				8700	10050		
X1	27.19	38.0	9765	10049	600	360	420			
GR	1352.1	7565.0	1350.8	7685.0	1325.6	7870.0	1319.7	7989.0	1294.4	8051.0
GR	1295.5	8120.0	1290.6	8230.0	1292.8	8297.0	1292.6	8382.0	1288.0	8411.0
GR	1286.9	8531.0	1289.0	8627.0	1286.0	8712.0	1291.6	8771.0	1292.2	8973.0
GR	1291.5	9084.0	1287.0	9120.0	1287.0	9165.0	1290.5	9189.0	1290.2	9274.0
GR	1288.5	9304.0	1291.6	9357.0	1292.2	9437.0	1290.9	9518.0	1290.4	9734.0
GR	1288.2	9765.0	1287.8	10000.0	1287.8	10025.0	1293.6	10049.0	1294.4	10841.0
GR	1296.0	11799.0	1298.2	11824.0	1295.2	11842.0	1295.3	11869.0	1318.7	11996.0
GR	1320.8	12128.0	1329.5	12218.0	1329.5	12360.0				
ET	27.30		7.1				8490	10082		
	27.30	34.0	9803	10081	670	470	580			
	1354.2	7318.0	1354.8	7407.0	1323.7	7651.0	1323.6	7686.0	1295.1	7741.0
GR	1295.1	7793.0	1291.2	7828.0	1293.2	7872.0	1290.3	7925.0	1290.4	7979.0
GR	1292.9	8050.0	1292.9	8120.0	1290.5	8135.0	1291.0	8258.0	1294.1	8278.0
GR	1290.2	8477.0	1291.8	8614.0	1295.0	8873.0	1289.8	8893.0	1289.7	8939.0
GR	1293.2	8962.0	1294.0	9195.0	1292.7	9395.0	1294.4	9632.0	1291.5	9686.0
GR	1292.2	9803.0	1289.2	9827.0	1289.7	10000.0	1290.4	10060.0	1296.1	10081.0
GR	1296.6	10888.0	1298.0	11438.0	1300.3	11493.0	1300.7	11600.0		
NC	.055	.055	.035							
ET	27.39		7.1				8400	10070		
X1	27.39	39.0	9900	10069	690	470	470			
GR	1356.5	6880.0	1356.5	7063.0	1344.9	7226.0	1298.2	7344.0	1296.5	7423.0
GR	1292.3	7438.0	1292.4	7479.0	1295.1	7510.0	1296.1	7777.0	1291.7	7833.0
GR	1291.7	7946.0	1295.8	8028.0	1295.9	8089.0	1292.9	8111.0	1293.0	8208.0
GR	1296.5	8276.0	1293.2	8320.0	1293.6	8404.0	1296.1	8441.0	1296.0	8592.0
GR	1292.4	8612.0	1293.1	8656.0	1295.5	8732.0	1293.8	8865.0	1291.2	8903.0
GR	1295.9	8947.0	1296.2	9262.0	1296.6	9573.0	1294.0	9607.0	1293.4	9808.0
GR	1290.5	9822.0	1290.3	9900.0	1290.3	10000.0	1290.8	10069.0	1297.6	10103.0
GR	1298.6	10729.0	1299.8	11263.0	1322.4	11369.0	1325.3	11518.0		
ET	27.48		7.1				8500	10130		
X1	27.48	36.0	9894	10087	620	500	500			
GR	1357.7	6865.0	1350.6	6903.0	1350.2	6923.0	1301.6	7048.0	1299.7	7138.0
GR	1300.5	7579.0	1295.1	7603.0	1296.8	7764.0	1298.1	7834.0	1294.2	7891.0
	1294.1	7961.0	1296.5	8010.0	1293.8	8054.0	1296.9	8084.0	1295.1	8126.0
	1297.8	8226.0	1296.0	8427.0	1297.8	8611.0	1297.0	8717.0	1295.9	8742.0
GR	1294.5	8960.0	1297.5	9033.0	1298.6	9348.0	1295.3	9547.0	1296.3	9669.0
GR	1297.6	9742.0	1295.2	9753.0	1294.9	9894.0	1291.5	10000.0	1292.8	10087.0
GR	1292.8	10157.0	1301.9	10203.0	1301.3	10736.0	1301.9	11132.0	1323.3	11258.0

GR	1324.8	11319.0								
ET	27.58		7.1				8700	10114		
X1	27.58	38.0	9905	10113	690	520	520			
GR	1353.0	6695.0	1351.7	6709.0	1355.5	6753.0	1352.5	6830.0	1307.1	6934.0
GR	1303.2	7048.0	1303.2	7532.0	1301.0	7858.0	1295.7	7879.0	1296.1	7994.0
GR	1297.2	8103.0	1298.0	8324.0	1299.0	8567.0	1298.1	8657.0	1295.0	8679.0
GR	1298.0	8824.0	1295.1	8839.0	1295.1	8881.0	1297.2	8902.0	1299.2	9126.0
GR	1300.3	9377.0	1297.6	9396.0	1298.7	9612.0	1295.8	9776.0	1293.1	9809.0
GR	1294.0	9872.0	1297.8	9905.0	1294.2	10000.0	1294.5	10113.0	1301.9	10154.0
GR	1304.2	10404.0	1310.2	10539.0	1308.2	10857.0	1304.8	10874.0	1307.7	10893.0
GR	1307.1	11057.0	1327.4	11204.0	1326.7	11245.0				
ET	27.68		7.1				8930	10101		
X1	27.68	35.0	9853	10078	570	520	520			
GR	1310.1	7060.0	1305.9	7509.0	1301.3	7550.0	1302.2	7781.0	1301.9	8224.0
GR	1297.0	8243.0	1298.6	8317.0	1299.3	8587.0	1302.4	8679.0	1298.7	8774.0
GR	1301.1	8870.0	1300.8	8938.0	1297.9	8961.0	1301.1	8999.0	1301.3	9184.0
GR	1297.6	9230.0	1300.8	9293.0	1298.8	9379.0	1300.1	9459.0	1299.0	9624.0
GR	1295.3	9640.0	1295.4	9695.0	1301.1	9738.0	1301.6	9853.0	1295.7	10000.0
GR	1294.7	10078.0	1310.2	10125.0	1310.7	10428.0	1311.8	10663.0	1305.9	10703.0
GR	1312.1	10728.0	1309.4	10746.0	1311.0	10884.0	1330.0	10991.0	1330.2	11145.0
ET	27.77		7.1				8980	10105		
X1	27.77	32.0	9836	10090	480	500	490			
GR	1354.1	7145.0	1353.6	7245.0	1308.2	7354.0	1303.4	7576.0	1305.1	7674.0
GR	1305.2	7887.0	1302.7	7981.0	1304.6	8233.0	1304.6	8426.0	1301.1	8601.0
GR	1299.0	8671.0	1300.8	8733.0	1300.7	8890.0	1301.0	9025.0	1304.2	9107.0
GR	1304.1	9179.0	1300.1	9261.0	1300.3	9378.0	1303.0	9481.0	1303.2	9610.0
GR	1300.2	9692.0	1301.8	9810.0	1303.2	9836.0	1297.4	10000.0	1297.4	10090.0
GR	1312.9	10122.0	1314.0	10322.0	1307.5	10354.0	1309.7	10373.0	1311.1	10537.0
GR	1326.6	10594.0	1330.1	10689.0						
QT	2	25000	25000							
ET	27.86		7.1				9060	10100		
X1	27.86	26.0	9774	10057	475	475	475			
GR	1358.6	7370.0	1357.4	7490.0	1305.9	7590.0	1305.1	7679.0	1306.9	7724.0
GR	1304.3	7955.0	1306.2	8085.0	1306.5	8344.0	1304.6	8368.0	1302.2	8643.0
GR	1305.5	8831.0	1304.8	8916.0	1301.0	8947.0	1302.8	8992.0	1300.8	9044.0
GR	1303.5	9253.0	1303.9	9557.0	1302.6	9774.0	1297.5	10000.0	1297.5	10057.0
GR	1303.4	10079.0	1307.2	10153.0	1309.6	10215.0	1317.9	10297.0	1326.0	10458.0
GR	1326.0	10470.0								
ET	27.94		7.1				9320	10203		
X1	27.94	24.0	9944	10187	415	440	440			
GR	1360.4	7500.0	1356.7	7704.0	1305.1	7886.0	1307.7	8084.0	1306.0	8202.0
GR	1307.3	8314.0	1308.0	8514.0	1308.2	8676.0	1304.3	8729.0	1304.4	8806.0
GR	1308.0	9057.0	1304.2	9174.0	1306.7	9260.0	1302.0	9309.0	1301.5	9374.0
GR	1303.4	9391.0	1304.1	9657.0	1304.1	9944.0	1299.1	10000.0	1303.6	10035.0
GR	1303.5	10187.0	1309.6	10212.0	1323.7	10246.0	1327.4	10339.0		

ET	28.04		7.1				9480	10440		
X1	28.04	21.0	9809	10061	550	500	500			
GR	1345.0	8125.0	1309.0	8286.0	1309.0	8455.0	1307.5	8565.0	1310.2	8688.0
GR	1309.6	8882.0	1306.3	8896.0	1305.6	9028.0	1308.7	9235.0	1309.4	9371.0
GR	1303.8	9579.0	1304.6	9809.0	1303.6	10000.0	1307.5	10061.0	1308.3	10293.0
GR	1304.5	10352.0	1305.9	10537.0	1303.6	10605.0	1306.0	10675.0	1308.0	10825.0
GR	1310.1	10866.0								
ET	28.12		7.1				9600	10570		
X1	28.12	27.0	9906	10076	440	460	450			
GR	1357.3	8340.0	1355.3	8384.0	1323.5	8506.0	1320.1	8630.0	1313.6	8697.0
GR	1309.5	8719.0	1311.3	8878.0	1311.1	9108.0	1307.8	9129.0	1307.5	9182.0
GR	1310.6	9258.0	1308.2	9300.0	1310.5	9411.0	1308.6	9524.0	1306.6	9675.0
GR	1304.9	9906.0	1304.6	10000.0	1304.6	10076.0	1310.3	10107.0	1310.7	10411.0
GR	1306.3	10527.0	1307.3	10680.0	1308.6	10781.0	1308.5	10866.0	1310.8	10916.0
GR	1312.7	11051.0	1314.2	11435.0						
ET	28.21	9.1	7.1				9700	10650	9180	12000
X1	28.21	21.0	9798	10069	480	480	480			
GR	1360.5	8595.0	1318.3	8761.0	1314.8	9008.0	1311.1	9043.0	1313.3	9180.0
GR	1310.7	9367.0	1311.9	9409.0	1309.5	9475.0	1309.7	9578.0	1306.9	9798.0
GR	1304.4	10000.0	1304.4	10069.0	1313.2	10109.0	1311.2	10430.0	1307.7	10565.0
GR	1308.3	10866.0	1313.9	10897.0	1314.6	11140.0	1313.1	11286.0	1315.4	11570.0
	1316.0	12000.0								
ET	28.31		7.1				9710	10720		
X1	28.31	21.0	9935	10124	465	490	490			
GR	1363.0	8875.0	1361.0	8938.0	1323.3	9094.0	1319.8	9226.0	1315.1	9248.0
GR	1315.1	9282.0	1317.9	9301.0	1315.9	9334.0	1313.8	9558.0	1311.7	9598.0
GR	1307.7	9798.0	1307.7	9935.0	1305.9	10000.0	1307.3	10124.0	1312.9	10196.0
GR	1312.3	10523.0	1309.2	10862.0	1311.1	10975.0	1315.6	11037.0	1315.6	11427.0
GR	1320.0	12570.0								
ET	28.39	9.1	7.1				9870	10730	9750	13160
X1	28.39	23.0	9880	10074	400	435	435			
GR	1325.9	9562.0	1321.1	9645.0	1315.0	9685.0	1317.1	9750.0	1312.5	9816.0
GR	1308.6	9880.0	1306.7	10000.0	1308.8	10074.0	1308.8	10197.0	1307.2	10211.0
GR	1314.8	10356.0	1314.4	10568.0	1310.9	10728.0	1311.8	10810.0	1310.9	10996.0
GR	1312.4	11018.0	1313.8	11151.0	1314.3	11372.0	1311.9	11409.0	1314.4	11493.0
GR	1317.0	11548.0	1319.4	12117.0	1328.1	13160.0				
ET	28.45	9.1	7.1				9936	10440	9475	11299
X1	28.45	34.0	9936	10186	270	460	320			
GR	1363.2	9475.0	1324.8	9653.0	1340.3	9752.0	1348.3	9874.0	1346.7	9911.0
GR	1315.6	9936	1308.3	9942.0	1306.7	10000.0	1309.7	10062.0	1311.0	10186.0
GR	1309.0	10238.0	1315.6	10365.0	1314.4	10688.0	1311.5	10736.0	1312.8	10936.0
GR	1315.4	10998.0	1317.3	11299.0	1313.4	11405.0	1313.3	11473.0	1316.1	11509.0
GR	1315.8	11756.0	1319.7	11971.0	1323.1	12432.0	1332.8	13315.0	1336.2	13540.0
GR	1354.6	13695.0	1355.0	13721.0	1346.2	13742.0	1346.3	13765.0	1370.4	13822.0
	1361.3	13854.0	1367.9	13873.0	1372.5	13951.0	1364.0	14007.0		

ET	28.52	9.1	7.1				9956	10350	9720	11012
X1	28.52	41.0	9967	10204	360	360	360			
GR	1362.7	9720.0	1330.1	9901.0	1330.5	9940.0	1316.5	9957	1307.7	9967.0
GR	1307.1	10000.0	1310.2	10055.0	1311.0	10204.0	1309.6	10300.0	1316.5	10377.0
GR	1315.6	10695.0	1312.4	10733.0	1315.9	10869.0	1313.5	10971.0	1319.2	11012.0
GR	1319.3	11122.0	1316.0	11228.0	1318.8	11283.0	1318.6	11523.0	1316.7	11570.0
GR	1318.9	11623.0	1315.0	11701.0	1318.1	11744.0	1316.7	11993.0	1320.8	12055.0
GR	1321.4	12159.0	1332.8	13289.0	1338.6	13435.0	1330.8	13477.0	1331.4	13502.0
GR	1351.1	13573.0	1351.1	13587.0	1345.3	13602.0	1345.3	13627.0	1352.4	13643.0
GR	1340.1	13684.0	1337.0	13765.0	1340.5	13795.0	1342.1	14131.0	1347.7	14355.0
GR	1348.8	14381.0								
ET	28.58	9.1	7.1				9954	10340	9850	11141
X1	28.58	36.0	9959	10284	340	340	340			
GR	1364.0	9850.0	1358.8	9884.0	1317.7	9955.0	1309.1	9959.0	1309.0	10000.0
GR	1311.5	10097.0	1310.9	10284.0	1317.7	10393.0	1318.3	10497.0	1313.8	10806.0
GR	1316.6	10850.0	1316.2	11038.0	1319.8	11141.0	1318.1	11270.0	1320.0	11326.0
GR	1318.5	11581.0	1319.5	11767.0	1317.2	11833.0	1318.3	12037.0	1322.5	12105.0
GR	1323.9	12672.0	1327.4	13046.0	1331.4	13073.0	1326.9	13128.0	1338.2	13235.0
GR	1352.5	13297.0	1356.9	13418.0	1361.0	13430.0	1360.6	13462.0	1347.2	13487.0
GR	1347.2	13510.0	1368.5	13544.0	1368.2	13561.0	1361.9	13579.0	1362.7	13754.0
GR	1374.3	13895.0								
ET	28.67	9.1	7.1				9950	10300	9450	11203
X1	28.67	37.0	9964	10192	470	360	460			
GR	1372.7	9450.0	1371.0	9866.0	1319.8	9950.0	1311.5	9964.0	1312.2	10000.0
GR	1312.2	10192.0	1319.8	10514.0	1316.1	10819.0	1318.6	10989.0	1315.2	11044.0
GR	1320.5	11203.0	1321.6	11445.0	1322.3	11634.0	1319.8	11968.0	1318.7	12107.0
GR	1322.5	12170.0	1321.3	12228.0	1325.2	12397.0	1326.4	12792.0	1328.9	12823.0
GR	1324.8	12860.0	1327.4	12972.0	1345.8	13057.0	1345.8	13259.0	1339.7	13321.0
GR	1341.1	13419.0	1352.8	13484.0	1356.1	13572.0	1358.7	13589.0	1358.8	13606.0
GR	1348.0	13629.0	1348.2	13655.0	1363.9	13681.0	1363.8	13698.0	1355.7	13713.0
GR	1356.7	13851.0	1373.9	13912.0						
ET	28.76		7.1				9910	10260		
X1	28.76	40.0	9920	10203	500	320	475			
GR	1375.0	9510.0	1373.4	9666.0	1367.5	9804.0	1321.2	9920.0	1312.5	9924.0
GR	1312.6	10000.0	1312.9	10109.0	1317.4	10203.0	1321.2	10547.0	1318.1	10699.0
GR	1322.5	11169.0	1317.4	11220.0	1317.7	11274.0	1321.6	11330.0	1323.8	11632.0
GR	1321.5	11931.0	1323.1	11979.0	1321.8	12102.0	1326.0	12160.0	1326.5	12548.0
GR	1325.0	12562.0	1326.6	12626.0	1330.7	13064.0	1340.8	13120.0	1347.4	13338.0
GR	1343.7	13473.0	1341.4	13577.0	1353.0	13637.0	1353.2	13660.0	1357.3	13674.0
GR	1356.5	13694.0	1347.1	13715.0	1347.1	13746.0	1358.4	13761.0	1358.4	13776.0
GR	1353.4	13790.0	1356.3	13886.0	1362.3	13913.0	1362.3	13925.0	1377.2	13966.0
ET	28.86	9.1	7.1				9912	10400	9575	12130
X1	28.86	39.0	9912	10169	550	310	515			
GR	1377.3	9575.0	1375.4	9834.0	1322.7	9912.0	1313.6	9925.0	1313.1	10000.0
GR	1321.3	10169.0	1318.7	10243.0	1319.8	10485.0	1322.7	10549.0	1321.8	10805.0
GR	1324.8	11074.0	1322.6	11285.0	1321.2	11472.0	1322.3	11649.0	1323.8	11963.0
GR	1323.5	12075.0	1327.9	12130.0	1327.9	12182.0	1322.4	12215.0	1325.8	12261.0
GR	1327.7	12491.0	1330.6	12911.0	1335.3	13273.0	1339.5	13314.0	1339.8	13413.0
GR	1343.8	13536.0	1347.4	13697.0	1348.2	13733.0	1352.8	13749.0	1352.8	13773.0

GR	1345.3	13792.0	1345.3	13807.0	1355.5	13827.0	1355.7	13843.0	1354.0	13855.0
GR	1356.5	13951.0	1361.9	13975.0	1361.0	13989.0	1373.7	14035.0		
ET	28.95		7.1				9946	10600		
X1	28.95	34.0	9946	10353	500	310	475			
GR	1376.3	9615.0	1376.6	9784.0	1371.6	9871.0	1325.0	9946.0	1314.8	9962.0
GR	1312.3	10000.0	1317.7	10112.0	1321.6	10138.0	1324.5	10353.0	1322.2	10383.0
GR	1322.5	10551.0	1318.3	10659.0	1325.0	10702.0	1324.6	11069.0	1325.8	11366.0
GR	1324.5	11583.0	1322.1	11633.0	1324.9	11727.0	1323.6	12024.0	1329.7	12138.0
GR	1326.2	12496.0	1330.1	12888.0	1335.9	13349.0	1348.0	13760.0	1355.7	13815.0
GR	1355.7	13835.0	1345.5	13852.0	1345.5	13879.0	1354.8	13895.0	1352.9	13945.0
GR	1360.9	14104.0	1364.9	14118.0	1364.9	14138.0	1376.2	14210.0		
ET	29.04		7.1				9827	10630		
X1	29.04	34.0	9828	10239	550	330	510			
GR	1360.0	9770	1326.7	9808.0	1320.3	9815.0	1317.3	9828.0	1317.2	9859.0
GR	1319.6	9940.0	1317.2	10000.0	1317.2	10048.0	1322.9	10073.0	1324.3	10239.0
GR	1324.4	10414.0	1321.2	10499.0	1319.4	10584.0	1326.7	10638.0	1326.0	10868.0
GR	1326.7	11104.0	1325.3	11444.0	1322.9	11472.0	1324.3	11521.0	1323.1	11750.0
GR	1330.4	11802.0	1330.3	12323.0	1331.2	12554.0	1336.4	12706.0	1332.2	12882.0
GR	1335.8	13217.0	1343.9	13578.0	1351.5	13599.0	1352.4	13621.0	1344.3	13633.0
GR	1344.4	13654.0	1357.1	13668.0	1357.5	13697.0	1379.5	13780.0		
QT	2	23000	23000							
	29.14		7.1				9760	10520		
	29.14	34.0	9873	10299	560	340	500			
GR	1376.2	9370.0	1379.7	9507.0	1327.6	9591.0	1321.0	9602.0	1321.0	9646.0
GR	1325.7	9701.0	1325.3	9873.0	1320.7	9899.0	1319.4	10000.0	1319.4	10039.0
GR	1324.1	10116.0	1325.6	10299.0	1321.8	10448.0	1321.0	10467.0	1327.6	10494.0
GR	1327.8	10728.0	1326.8	10991.0	1325.8	11232.0	1324.3	11515.0	1332.2	11545.0
GR	1333.8	11964.0	1338.2	12106.0	1336.1	12544.0	1336.0	12967.0	1336.4	13189.0
GR	1333.3	13210.0	1333.4	13236.0	1349.6	13292.0	1350.1	13310.0	1345.2	13320.0
GR	1345.3	13342.0	1357.9	13361.0	1358.2	13380.0	1381.3	13441.0		
ET	29.23		7.1				9720	10455		
X1	29.23	31.0	9898	10352	515	360	475			
GR	1354.2	9400.0	1353.8	9413.0	1330.1	9512.0	1324.6	9535.0	1322.5	9679.0
GR	1328.3	9898.0	1323.3	9936.0	1321.4	10000.0	1327.0	10352.0	1326.0	10401.0
GR	1330.1	10458.0	1329.6	10683.0	1328.0	10865.0	1325.6	10966.0	1328.9	11130.0
GR	1325.0	11194.0	1323.8	11253.0	1334.6	11285.0	1335.7	11520.0	1338.6	11716.0
GR	1338.1	12080.0	1340.5	12424.0	1339.8	12782.0	1340.0	13051.0	1353.2	13073.0
GR	1353.2	13090.0	1347.8	13098.0	1347.8	13122.0	1360.6	13147.0	1360.7	13166.0
GR	1377.4	13215.0								
ET	29.30		7.1				9720	10410		
X1	29.30	30.0	9919	10440	410	360	400			
GR	1359.7	9400.0	1357.5	9491.0	1357.5	9540.0	1326.1	9549.0	1330.2	9683.0
GR	1327.3	9786.0	1326.5	9919.0	1322.3	10000.0	1326.3	10133.0	1330.9	10440.0
GR	1328.1	10578.0	1332.1	10760.0	1329.0	10885.0	1326.0	10907.0	1327.2	10987.0
GR	1338.9	11012.0	1339.1	11172.0	1341.3	11408.0	1339.7	11641.0	1342.9	12019.0
	1340.5	12362.0	1341.1	12795.0	1344.0	12823.0	1351.9	12840.0	1351.9	12856.0
GR	1345.7	12873.0	1345.8	12892.0	1357.7	12909.0	1358.4	12928.0	1379.4	12997.0

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ET    29.39              7.1                                  9693     10300
X1    29.39      32.0    9694     10254     440      410      440
GR    1380.0     9270.0  1365.5   9355.0    1363.3   9429.0   1331.1   9492.0   1327.7   9499.0
GR    1327.5     9552.0  1330.8   9578.0    1331.4   9694.0   1328.9   9821.0   1325.1   9838.0
GR    1324.6     10000.0 1329.3   10254.0   1331.1   10457.0  1329.9   10569.0  1326.1   10585.0
GR    1326.3     10620.0 1338.6   10654.0   1336.2   10716.0  1342.8   10892.0  1343.0   11076.0
GR    1343.4     11383.0 1343.2   11756.0   1342.9   12089.0  1344.3   12512.0  1345.0   12555.0
GR    1351.9     12570.0 1352.2   12593.0   1345.9   12600.0  1345.9   12626.0  1355.0   12644.0
GR    1356.0     12662.0 1377.4   12739.0

ET    29.47              7.1                                  9660     10211
X1    29.47      28.0    9798     10210     445      385      445
GR    1378.6     9155.0  1362.0   9235.0    1336.0   9300.0   1331.0   9314.0   1329.0   9387.0
GR    1330.8     9438.0  1332.2   9618.0    1331.0   9798.0   1325.7   9833.0   1324.1   10000.0
GR    1333.0     10210.0 1332.5   10263.0   1329.4   10289.0  1328.3   10342.0  1336.8   10366.0
GR    1344.3     10505.0 1344.0   10747.0   1345.0   11040.0  1344.9   11416.0  1345.1   11734.0
GR    1346.9     12114.0 1351.5   12127.0   1351.7   12153.0  1345.2   12164.0  1344.9   12188.0
GR    1354.6     12205.0 1354.8   12235.0   1378.9   12335.0

ET    29.54              7.1                                  9620     10151
X1    29.54      30.0    9846     10150     380      380      380
GR    1378.7     9025.0  1375.5   9068.0    1350.7   9135.0   1348.6   9179.0   1340.7   9198.0
GR    1332.4     9217.0  1333.5   9321.0    1333.9   9460.0   1331.2   9697.0   1328.7   9726.0
GR    1328.4     9758.0  1332.9   9782.0    1332.2   9846.0   1327.0   9882.0   1326.7   10000.0
GR    1326.7     10116.0 1340.7   10150.0   1343.0   10343.0  1346.5   10482.0  1348.3   10927.0
GR    1347.8     11457.0 1349.2   11687.0   1354.2   11697.0  1354.2   11723.0  1345.8   11737.0
GR    1345.8     11763.0 1355.3   11783.0   1355.4   11812.0  1352.6   11829.0  1378.3   11981.0

ET    29.611             7.1                                  9620     10110
            ****************************
            ***** BEARDSLEY CANAL FLUME *
            ***** LOW CHORD = 1347.0  ***
            ****************************
X1    29.611     31.0    9791     10094     315      315      375
X3    10
GR    1377.8     8825.0  1353.2   9052.0    1337.2   9136.0   1336.3   9285.0   1332.4   9541.0
GR    1332.9     9713.0  1334.0   9791.0    1328.9   9812.0   1328.9   9849.0   1331.6   10000.0
GR    1331.6     10094.0 1342.3   10133.0   1351.2   10244.0  1345.5   10331.0  1349.1   10528.0
GR    1349.1     10688.0 1349.9   10923.0   1353.4   10966.0  1353.4   11037.0  1345.1   11072.0
GR    1345.1     11124.0 1352.5   11156.0   1352.5   11163.0  1345.4   11178.0  1345.5   11204.0
GR    1353.7     11221.0 1353.4   11251.0   1351.1   11259.0  1353.1   11405.0  1358.4   11533.0
GR    1378.5     11635.0

SB    1.35       1.6     2.6      0         960      47       14933    5.5      1332     1332
ET    29.624             7.11                                 9620     10128
X1    29.624     29.0    9767     10127     70       70       70
X2    0          0       1        1347      1353.6   0        0        2        0        0
X3    10
BT    2          9000    1355.7            10160    1353.6
GR    1371.6     8815.0  1370.5   8845.0    1374.4   8858.0   1348.8   8902.0   1348.6   8912.0
GR    1358.8     8923.0  1351.3   9007.0    1337.7   9083.0   1335.6   9178.0   1335.4   9369.0
GR    1333.5     9493.0  1332.8   9649.0    1335.3   9767.0   1328.6   9785.0   1328.5   9823.0
GR    1331.8     10000.0 1331.8   10091.0   1348.1   10127.0  1352.1   10242.0  1352.5   10401.0
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GR	1353.2	10635.0	1349.9	10778.0	1352.7	10855.0	1352.7	10941.0	1350.2	10965.0
GR	1353.0	11161.0	1353.2	11309.0	1359.0	11392.0	1380.4	11515.0		
NC	.055	.055	.04							
ET	29.72		7.1				9560	10225		
X1	29.72	17.0	9817	10224	450	495	495			
X3	10									
GR	1367.4	8825.0	1369.8	8892.0	1339.9	8939.0	1336.9	9010.0	1338.5	9203.0
GR	1336.5	9313.0	1336.3	9454.0	1335.9	9615.0	1333.8	9657.0	1336.5	9817.0
GR	1331.3	9836.0	1331.8	9939.0	1330.5	9949.0	1330.7	10000.0	1335.7	10224.0
GR	1353.0	10253.0	1353.0	10404.0						
ET	29.80		7.1				9820	10460		
X1	29.80	16.0	9882	10205	460	460	460			
GR	1378.4	9270.0	1373.4	9347.0	1338.8	9419.0	1335.4	9475.0	1340.8	9512.0
GR	1342.7	9656.0	1338.9	9882.0	1331.2	9924.0	1331.4	10000.0	1332.7	10180.0
GR	1337.6	10205.0	1337.6	10215.0	1327.7	10335.0	1336.3	10521.0	1344.4	10610.0
GR	1349.2	10676.0								
ET	29.89		7.1				9870	10500		
X1	29.89	17.0	9900	10052	450	440	445			
GR	1371.9	9480.0	1374.2	9576.0	1339.3	9671.0	1341.6	9776.0	1341.1	9900.0
GR	1331.7	9963.0	1331.6	10000.0	1341.0	10052.0	1340.6	10085.0	1332.0	10148.0
GR	1336.2	10205.0	1336.1	10240.0	1330.0	10300.0	1329.6	10438.0	1332.9	10579.0
	1342.3	10699.0	1353.3	10755.0						
ET	29.99		7.1				9850	10400		
X1	29.99	17.0	9874	10115	550	500	525			
GR	1367.1	9430.0	1367.3	9523.0	1342.1	9667.0	1340.9	9749.0	1342.2	9809.0
GR	1341.2	9849.0	1346.6	9874.0	1332.9	9962.0	1332.9	10000.0	1334.8	10041.0
GR	1344.1	10115.0	1338.5	10140.0	1335.6	10414.0	1333.7	10430.0	1333.7	10470.0
GR	1346.2	10518.0	1346.4	10533.0						
ET	30.07		7.1				9780	10280		
X1	30.07	17.0	9925	10098	425	500	450			
GR	1369.4	9325.0	1363.9	9463.0	1360.9	9604.0	1341.5	9665.0	1343.1	9728.0
GR	1340.8	9781.0	1340.4	9910.0	1344.6	9925.0	1334.4	9986.0	1334.4	10000.0
GR	1335.0	10060.0	1344.5	10098.0	1343.6	10114.0	1336.6	10132.0	1334.0	10261.0
GR	1365.9	10306.0	1365.0	10356.0						
ET	30.17		7.1				9740	10160		
X1	30.17	15.0	9868	10092	440	570	520			
GR	1351.4	9624.0	1340.1	9663.0	1340.6	9756.0	1339.8	9868.0	1335.7	9986.0
GR	1335.6	10000.0	1335.6	10053.0	1339.3	10092.0	1336.6	10194.0	1370.4	10266.0
GR	1370.5	10414.0	1375.2	10543.0	1373.4	10597.0	1376.5	10654.0	1386.8	10733.0
ET	30.26		7.1				9748	10260		
X1	30.26	12.0	9749	10135	430	520	485			
GR	1357.2	9625.0	1361.9	9711.0	1342.1	9749.0	1338.9	10000.0	1339.3	10135.0
GR	1341.7	10314.0	1347.9	10338.0	1348.7	10444.0	1341.6	10545.0	1341.7	10604.0
	1363.6	10643.0	1389.4	10743.0						

ET	30.36		7.1				9820	10280		
X1	30.36	16.0	9858	10195	500	535	515			
GR	1376.7	9395.0	1374.8	9555.0	1364.0	9638.0	1364.5	9756.0	1343.5	9796.0
GR	1341.2	9858.0	1341.2	10000.0	1342.8	10195.0	1346.2	10341.0	1351.5	10368.0
GR	1345.2	10764.0	1341.6	10776.0	1345.3	10854.0	1348.9	10876.0	1349.9	11015.0
GR	1408.9	11158.0								
ET	30.46		7.1				9814	10230		
X1	30.46	15.0	9815	10180	475	540	495			
GR	1377.3	9280.0	1380.8	9426.0	1370.4	9483.0	1366.8	9661.0	1368.2	9767.0
GR	1341.2	9815.0	1344.7	9988.0	1343.0	10000.0	1343.1	10180.0	1349.5	10253.0
GR	1352.9	10394.0	1350.2	10653.0	1345.2	10782.0	1351.2	10903.0	1405.7	11016.0
QT	2	21000	21000							
ET	30.55		7.1				9714	10139		
X1	30.55	14.0	9715	10138	500	525	500			
GR	1380.2	9365.0	1377.9	9502.0	1369.1	9590.0	1363.2	9715.0	1343.8	9751.0
GR	1343.7	10000.0	1343.4	10093.0	1353.7	10138.0	1352.6	10356.0	1354.4	10450.0
GR	1350.2	10620.0	1350.8	10718.0	1348.7	10810.0	1393.9	10939.0		
ET	30.65		7.1				9781	10116		
X1	30.65	17.0	9916	10115	535	500	530			
GR	1375.1	9605.0	1374.2	9708.0	1365.7	9756.0	1345.6	9796.0	1346.2	9916.0
GR	1343.7	10000.0	1344.5	10057.0	1354.6	10115.0	1355.0	10394.0	1353.3	10488.0
GR	1356.1	10605.0	1354.2	10776.0	1349.7	10843.0	1353.7	10925.0	1365.9	10956.0
GR	1390.6	11001.0	1388.9	11014.0						
ET	30.73		7.1				9864	10180		
X1	30.73	14.0	9881	10075	445	370	420			
GR	1369.9	9710.0	1369.1	9839.0	1345.2	9881.0	1345.6	10000.0	1345.6	10075.0
GR	1352.6	10148.0	1349.9	10202.0	1355.7	10242.0	1355.7	10397.0	1354.4	10481.0
GR	1357.6	10623.0	1356.4	10951.0	1351.7	11023.0	1394.0	11123.0		
ET	30.82		7.1				9901	10280		
X1	30.82	12.0	9924	10201	500	370	500			
GR	1378.3	9630.0	1379.5	9833.0	1375.4	9865.0	1345.2	9924.0	1346.7	10000.0
GR	1352.0	10201.0	1347.0	10358.0	1353.5	10398.0	1358.1	10582.0	1357.9	10879.0
GR	1354.5	11132.0	1399.1	11244.0						
ET	30.92		7.1				9854	10330		
X1	30.92	11.0	9871	10123	510	530	510			
GR	1383.3	9590.0	1382.2	9806.0	1348.6	9871.0	1346.0	10000.0	1353.7	10123.0
GR	1354.0	10241.0	1349.9	10555.0	1352.5	10616.0	1359.1	10642.0	1360.7	10852.0
GR	1359.8	10997.0								
ET	31.01		7.1				9727	10400		
X1	31.01	12.0	9738	10024	485	620	490			
GR	1387.5	9345.0	1380.0	9680.0	1353.3	9738.0	1349.5	9869.0	1349.5	10000.0
GR	1356.6	10024.0	1358.3	10156.0	1354.4	10429.0	1352.2	10653.0	1359.4	10668.0
GR	1364.2	10863.0	1386.4	10923.0						

ET	31.11		7.1				9872	10570		
X1	31.11	12.0	9881	10124	480	500	490			
GR	1388.5	9585.0	1386.9	9814.0	1355.2	9881.0	1349.9	9929.0	1349.4	10000.0
GR	1357.9	10124.0	1358.7	10313.0	1352.8	10739.0	1362.3	10762.0	1361.3	10865.0
GR	1367.6	10948.0	1413.4	11050.0						
ET	31.20		7.1				9710	10390		
X1	31.20	19	9897	10062	460	525	510			
GR	1376.0	9500.0	1361.5	9580.0	1354.8	9635.0	1355.7	9713.0	1352.2	9746.0
GR	1356.3	9776.0	1356.3	9804.0	1352.6	9828.0	1357.0	9877.0	1354.9	9897.0
GR	1356.4	9953.0	1349.9	10000.0	1356.6	10062.0	1358.2	10331.0	1355.9	10511.0
GR	1364.1	10544.0	1365.2	10659.0	1410.3	10801.0	1406.2	10811.0		
ET	31.29		7.1				9570	10300		
X1	31.29	14.0	9867	10121	425	490	460			
GR	1362.3	9450.0	1356.9	9562.0	1356.3	9670.0	1363.5	9704.0	1362.8	9867.0
GR	1358.2	9931.0	1355.5	9959.0	1355.5	10000.0	1355.7	10057.0	1359.9	10121.0
GR	1359.7	10244.0	1357.8	10425.0	1367.6	10481.0	1385.4	10512.0		
ET	31.39		7.1				9550	10320		
X1	31.39	17.0	9792	10080	540	500	510			
GR	1397.8	9290.0	1386.7	9342.0	1392.7	9386.0	1393.4	9470.0	1356.5	9526.0
GR	1354.7	9561.0	1361.2	9643.0	1363.1	9792.0	1359.4	9942.0	1356.8	9978.0
	1356.9	10000.0	1357.4	10080.0	1361.5	10242.0	1360.1	10387.0	1368.0	10456.0
	1368.6	10528.0	1407.9	10633.0						
ET	31.49		7.1				9600	10300		
X1	31.49	13.0	9935	10295	575	520	545			
GR	1401.4	9275.0	1401.4	9364.0	1386.4	9443.0	1359.9	9480.0	1361.8	9524.0
GR	1361.5	9653.0	1363.0	9779.0	1359.5	9935.0	1359.5	10000.0	1363.8	10295.0
GR	1369.3	10330.0	1370.2	10402.0	1410.5	10504.0				
ET	31.59		7.1				9580	10176		
X1	31.59	11.0	9876	10165	505	520	510			
GR	1403.7	9175.0	1399.5	9323.0	1379.7	9425.0	1358.7	9482.0	1359.8	9608.0
GR	1364.2	9782.0	1364.2	9876.0	1360.1	10000.0	1363.2	10165.0	1389.5	10227.0
GR	1408.6	10379.0								
ET	31.67		7.1				9570	10197		
X1	31.67	12.0	9820	10185	455	445	450			
GR	1403.0	9165.0	1400.8	9363.0	1357.2	9499.0	1361.3	9631.0	1364.2	9664.0
GR	1366.0	9820.0	1361.1	10000.0	1362.8	10185.0	1388.1	10235.0	1390.8	10299.0
GR	1402.4	10478.0	1410.7	10522.0						
ET	31.77		7.1				9550	10120		
X1	31.77	12.0	9862	10101	495	510	500			
GR	1404.1	9155.0	1404.2	9371.0	1356.2	9508.0	1362.5	9560.0	1365.3	9748.0
GR	1365.3	9862.0	1363.9	10000.0	1363.0	10101.0	1389.7	10175.0	1403.9	10358.0
GR	1403.6	10416.0	1414.2	10466.0						

ET	31.86		7.1				9680	10262		
X1	31.86	10.0	9894	10261	520	490	500			
GR	1411.1	8955.0	1408.4	9155.0	1407.3	9490.0	1362.0	9604.0	1364.9	9727.0
GR	1366.7	9894.0	1366.7	10000.0	1365.3	10261.0	1394.3	10321.0	1420.6	10419.0
QT	2	19000	19000							
ET	31.96		7.1				9730	10247		
X1	31.96	13.0	9907	10236	495	515	505			
GR	1412.2	8900.0	1412.0	9153.0	1401.6	9500.0	1367.6	9598.0	1368.9	9693.0
GR	1366.5	9758.0	1369.2	9812.0	1369.1	9907.0	1366.5	9947.0	1365.6	10000.0
GR	1364.3	10236.0	1403.4	10288.0	1421.5	10361.0				
ET	32.05		7.1				9670	10098		
X1	32.05	14.0	9843	10097	495	520	505			
GR	1414.6	8970.0	1414.1	9304.0	1400.8	9383.0	1367.6	9479.0	1372.5	9564.0
GR	1371.5	9634.0	1369.6	9736.0	1364.1	9843.0	1367.3	9954.0	1362.2	9971.0
GR	1363.3	10000.0	1370.0	10097.0	1424.6	10238.0	1423.4	10242.0		
ET	32.15		7.1				9560	10101		
X1	32.15	10.0	9792	10091	460	495	495			
GR	1417.0	9050.0	1415.5	9264.0	1373.2	9343.0	1369.6	9553.0	1373.8	9792.0
GR	1368.6	9963.0	1366.2	10000.0	1366.2	10091.0	1426.4	10163.0	1436.2	10175.0
ET	32.24		7.1				9500	10070		
X1	32.24	11.0	9738	10069	400	490	475			
GR	1418.4	9090.0	1416.8	9277.0	1371.8	9355.0	1371.9	9564.0	1374.0	9738.0
GR	1372.5	9900.0	1366.9	10000.0	1366.9	10052.0	1387.5	10069.0	1424.1	10243.0
GR	1433.7	10255.0								
NC	.045	.050	.045							
ET	32.34		7.1				9530	10060		
X1	32.34	11.0	9774	10059	490	550	540			
GR	1416.7	9225.0	1414.7	9280.0	1382.5	9377.0	1373.1	9450.0	1371.6	9614.0
GR	1375.9	9774.0	1375.4	9892.0	1368.2	10000.0	1380.6	10059.0	1382.3	10144.0
GR	1433.4	10261.0								
ET	32.43		7.1				9600	10113		
X1	32.43	14.0	9852	10112	545	400	460			
GR	1424.1	9340.0	1415.1	9438.0	1371.3	9508.0	1372.3	9554.0	1363.8	9607.0
GR	1372.6	9692.0	1375.5	9852.0	1373.4	9965.0	1370.7	10000.0	1372.7	10073.0
GR	1383.1	10112.0	1388.9	10373.0	1403.2	10437.0	1436.0	10487.0		
ET	32.52	9.1	7.1				9760	10273	9530	10288
X1	32.52	17.0	9785	10054	550	440	480			
GR	1424.4	9530.0	1419.8	9543.0	1431.9	9657.0	1372.0	9724.0	1372.4	9785.0
GR	1373.1	10000.0	1383.6	10054.0	1373.0	10123.0	1376.4	10253.0	1383.3	10288.0
GR	1383.9	10426.0	1376.8	10505.0	1377.1	10545.0	1383.8	10568.0	1388.7	10667.0
GR	1387.9	10752.0	1431.2	10840.0						

ET	32.58	9.1	7.1				9841	10412	9675	10467
X1	32.58	19.0	9858	10111	360	295	325			
GR	1432.3	9675.0	1427.7	9750.0	1372.3	9858.0	1370.5	10000.0	1381.3	10111.0
GR	1382.2	10223.0	1401.5	10277.0	1370.6	10331.0	1372.0	10386.0	1400.7	10467.0
GR	1390.9	10528.0	1386.0	10567.0	1378.3	10610.0	1377.3	10650.0	1385.0	10685.0
GR	1385.1	10733.0	1440.1	10800.0	1429.1	10838.0	1445.9	10962.0		
ET	32.64	9.1	7.1				9873	10501	9799	10591
X1	32.64	22.0	9874	10185	335	220	310			
GR	1403.4	9760.0	1411.9	9799.0	1389.2	9874.0	1366.2	9905.0	1371.9	10000.0
GR	1382.2	10185.0	1388.5	10220.0	1389.6	10245.0	1414.2	10265.0	1413.5	10304.0
GR	1385.4	10402.0	1372.1	10418.0	1371.6	10483.0	1396.7	10527.0	1410.1	10591.0
GR	1410.8	10626.0	1403.7	10675.0	1380.0	10728.0	1379.6	10770.0	1388.0	10819.0
GR	1387.4	10870.0	1403.0	10883.0						
ET	32.72	9.1	7.1				9617	10453	9435	10524
X1	32.72	28.0	9879	10150	480	190	420			
GR	1434.8	9435.0	1432.6	9475.0	1394.5	9555.0	1393.9	9576.0	1380.1	9626.0
GR	1383.9	9726.0	1399.6	9817.0	1396.5	9879.0	1372.0	9942.0	1369.9	9977.0
GR	1365.7	10000.0	1364.0	10009.0	1363.8	10024.0	1383.9	10045.0	1406.8	10150.0
GR	1409.3	10188.0	1395.8	10272.0	1401.6	10321.0	1372.1	10380.0	1373.6	10439.0
GR	1397.0	10476.0	1408.2	10524.0	1404.1	10567.0	1380.2	10630.0	1379.6	10680.0
GR	1389.5	10710.0	1390.0	10780.0	1442.6	10849.0				
	32.79		7.1				9700	10320		
X1	32.79	19	9846	10070	400	410	380			
GR	1396.1	9575.0	1395.5	9589.0	1385.6	9639.0	1385.2	9684.0	1381.5	9725.0
GR	1386.5	9788.0	1387.9	9846.0	1372.1	9956.0	1367.2	10000.0	1367.2	10046.0
GR	1392.6	10070.0	1419.4	10140.0	1427.7	10180.0	1379.0	10254.0	1382.6	10313.0
GR	1398.6	10406.0	1404.1	10492.0	1421.2	10559.0	1430.8	10623.0		
ET	32.86		7.1				9807	10332		
X1	32.86	12.0	9928	10155	280	580	380			
GR	1423.4	9670.0	1424.3	9719.0	1386.4	9797.0	1381.2	9855.0	1380.4	9928.0
GR	1374.9	10000.0	1380.6	10079.0	1386.5	10155.0	1382.6	10239.0	1386.6	10279.0
GR	1385.4	10331.0	1421.4	10564.0						
ET	32.92	9.1	7.1				9876	10180	9680	10180
X1	32.92	9.0	9891	10143	290	370	310			
GR	1433.1	9680.0	1429.0	9769.0	1382.7	9891.0	1381.0	10000.0	1383.1	10143.0
GR	1390.8	10230.0	1387.5	10331.0	1411.9	10412.0	1427.5	10507.0		
ET	32.979		7.1				9857	10099		
X1	32.979	9.0	9933	10098	310	330	315			
GR	1432.3	9535.0	1430.2	9748.0	1384.4	9876.0	1384.7	9933.0	1379.7	10000.0
GR	1394.4	10098.0	1422.7	10157.0	1424.6	10252.0	1424.1	10335.0		
ET	32.984		7.11				9824	10082		

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****************************
*****   STATE ROUTE 74   ****
***** LOW CHORD = 1427.0 ****
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X1   32.984       33     9962    10011       28       28       28
BT      18     9750   1432.8   1427.7     9823   1432.6   1427.6   9823.1   1432.6   1391.6
BT  9833.0   1432.6   1389.7   9833.1   1432.6   1427.6     9909   1432.5   1427.4   9909.1
BT  1432.5   1385.8   9919.0   1432.5   1386.6   9919.1   1432.5   1427.4     9985   1432.3
BT  1427.3   9985.1   1432.3   1380.0   9995.0   1432.3   1380.0   9995.1   1432.3   1427.3
BT   10065   1432.2   1427.1  10065.1   1432.2   1387.9  10075.   0 1432.2   1390.7  10075.1
BT  1432.2   1427.1  10150.1   1432.0     1427
GR  1427.7   9750.0   1425.2   9750.1   1391.6     9820   1391.6     9823   1391.6   9823.1
GR  1389.7     9833   1389.7   9833.1   1389.7     9837   1385.5     9851     1384     9900
GR  1385.8     9904   1385.8     9909   1385.8   9909.1   1386.6     9919   1386.6   9919.1
GR  1386.6     9962   1380.0     9985   1380.0   9985.1   1380.0     9995     1380   9995.1
GR  1378.4     9997   1380.2    10011   1382.2    10018   1384.2    10050   1386.8    10053
GR  1387.9    10065   1387.9  10065.1   1390.7    10075   1390.7  10075.1   1392.3    10091
GR  1423.8  10149.9   1426.0  10150.0   1427.0  10150.1

ET  32.993              7.1                          9816    10093
X1  32.993                          45       45       45
X2       0        0        0        0        0        0        1        0        0        0

ET  32.998              7.1                          9842    10109
X1  32.998      9.0     9851    10108       27       27       27
GR  1434.1   9610.0   1433.1   9762.0   1389.0   9851.0   1386.3   9920.0   1381.4  10000.0
GR  1393.1  10108.0   1413.1  10164.0   1417.9  10358.0   1440.7  10405.0

NC    .045     .045     .050
ET   33.06              7.1                          9729    10090
X1   33.06     10.0     9885    10083      275      330      320
GR  1433.2   9430.0   1434.4   9648.0   1383.1   9755.0   1386.0   9885.0   1384.0   9965.0
GR  1385.8  10000.0   1394.7  10083.0   1412.4  10166.0   1412.2  10236.0   1461.2  10364.0

ET   33.12              7.1                          9600    10090
X1   33.12     12.0     9817    10089      260      330      320
GR  1436.1   9300.0   1435.4   9426.0   1426.7   9493.0   1384.4   9559.0   1384.2   9612.0
GR  1386.6   9690.0   1386.9   9817.0   1385.4   9947.0   1384.4  10000.0   1388.0  10089.0
GR  1422.1  10150.0   1448.5  10215.0

ET   33.19              7.1                          9440    10029
X1   33.19     10.0     9805   10028.0      290      350      350
GR  1437.2   9055.0   1435.6   9224.0   1387.3   9371.0   1386.4   9418.0   1389.9   9502.0
GR  1390.3   9651.0   1389.5   9805.0   1385.8  10000.0   1400.0  10028.0   1455.1  10136.0

ET   33.25      9.1      7.1                          9600    10099     9700    10200
X1   33.25     14.0     9870    10098      310      320      315
GR  1437.7   9075.0   1418.5   9151.0   1417.4   9211.0   1434.6   9275.0   1425.7   9365.0
GR  1385.6   9455.0   1390.4   9589.0   1392.2   9739.0   1391.2   9870.0   1385.2  10000.0
GR  1398.0  10098.0   1407.1  10225.0   1412.2  10344.0   1438.7  10448.0
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ET	33.29	9.1	7.1				9740	10059	9750	10100
X1	33.29	14.0	9872	10058	215	250	235			
GR	1440.1	9130.0	1437.9	9172.0	1419.1	9296.0	1402.4	9445.0	1389.6	9530.0
GR	1389.7	9723.0	1393.2	9872.0	1390.5	9975.0	1380.3	10000.0	1398.2	10058.0
GR	1405.1	10189.0	1407.5	10322.0	1402.8	10386.0	1435.3	10459.0		
ET	33.30		7.1				9786	10091		
X1	33.30	13.0	9818	10090	50	50	50			
GR	1441.0	9115.0	1435.0	9249.0	1417.5	9395.0	1406.4	9506.0	1399.7	9641.0
GR	1396.2	9818.0	1387.9	9858.0	1380.4	10000.0	1399.7	10090.0	1407.2	10248.0
GR	1415.4	10343.0	1413.0	10361.0	1420.0	10450.0				
ET	33.36		7.1				9848	10327		
X1	33.36	16.0	9849	10087	230	305	305			
GR	1446.5	9535.0	1437.7	9580.0	1436.0	9678.0	1437.9	9714.0	1418.4	9849.0
GR	1381.9	9963.0	1381.9	10000.0	1381.9	10036.0	1402.2	10087.0	1396.9	10167.0
GR	1389.3	10260.0	1400.9	10353.0	1406.8	10493.0	1427.4	10566.0	1424.9	10609.0
GR	1439.9	10650.0								
ET	33.41		7.1				9943	10367		
X1	33.41	12.0	9944	10366	250	335	275			
GR	1448.1	9750.0	1426.7	9864.0	1408.3	9944.0	1386.9	10000.0	1389.1	10157.0
GR	1406.8	10366.0	1404.5	10483.0	1409.5	10576.0	1422.7	10626.0	1423.4	10668.0
	1433.5	10685.0	1437.7	10687.0						
QT	2	9000	9000							
ET	33.46	9.1	7.1				9880	10230	9670	10368
X1	33.46	15.0	9881	10186	250	355	275			
GR	1448.8	9670.0	1446.4	9707.0	1409.3	9812.0	1405.4	9881.0	1381.9	9969.0
GR	1381.9	10000.0	1381.9	10036.0	1392.5	10078.0	1397.0	10186.0	1409.6	10368.0
GR	1409.0	10422.0	1396.9	10499.0	1408.2	10645.0	1420.2	10700.0	1420.3	10726.0
ET	33.54		7.1				9851	10230		
X1	33.54	15.0	9852	10229	390	410	400			
GR	1447.6	9735.0	1406.1	9852.0	1384.4	9974.0	1384.4	10000.0	1384.4	10025.0
GR	1393.5	10087.0	1398.7	10160.0	1410.4	10229.0	1408.0	10299.0	1411.9	10394.0
GR	1409.1	10472.0	1410.8	10564.0	1427.2	10627.0	1436.0	10700.0	1439.4	10747.0
ET	33.63		7.1				9856	10141		
X1	33.63	9.0	9857	10140	525	475	510			
GR	1461.1	9715.0	1406.1	9857.0	1390.8	9961.0	1384.0	9979.0	1384.0	10000.0
GR	1404.5	10140.0	1410.0	10280.0	1417.6	10394.0	1450.8	10580.0		
ET	33.73		7.1				9803	10110		
X1	33.73	12.0	9922	10103	500	480	490			
GR	1442.7	9700.0	1397.2	9814.0	1397.6	9855.0	1409.0	9922.0	1391.0	9990.0
GR	1390.5	10000.0	1397.0	10103.0	1411.9	10246.0	1422.7	10303.0	1410.5	10352.0
GR	1426.9	10398.0	1446.2	10468.0						

ET	33.82		7.1				9708	10069		
X1	33.82	20.0	9861	10068	500	500	500			
GR	1454.2	9465.0	1454.2	9506.0	1434.5	9527.0	1434.5	9538.0	1450.5	9565.0
GR	1408.8	9662.0	1402.1	9714.0	1409.2	9795.0	1417.1	9861.0	1387.4	9966.0
GR	1387.4	10000.0	1387.4	10023.0	1405.9	10068.0	1408.6	10117.0	1426.7	10204.0
GR	1425.4	10292.0	1433.9	10347.0	1428.1	10416.0	1427.2	10466.0	1450.9	10600.0

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS

CCHV= .100 CEHV= .300
1490 NH CARD USED
*SECNO .160

3265 DIVIDED FLOW

AGUA FRIA DETAILED FDR PREPARED FOR THE FLOOD CONTROL DISTRICT OF
MARICOPA COUNTY BY COE & VAN LOO CONSULTANTS, INC., 1996.
THE CONTROL LINE ON THE MAIN CHANNEL OF THE AGUA FRIA RIVER IS
STATION 10,000. ALL SECTIONS ARE STATIONED IN RIVER MILES FROM THE
CONFLUENCE WITH THE GILA RIVER. ENCROACHMENT CARDS (ET) WERE USED
IN SOME CASES TO BETTER MODEL DEAD OR NON-EFFECTIVE FLOW AREAS.
CONSEQUENTLY, "SSTA" AND "ENDST" DO NOT REPRESENT THE ACTUAL FLOODING
LIMITS, AND THE DELINEATION WAS ESTABLISHED BASED ON THE CROSS SECTION
POINT ELEVATIONS AND THE TOPOGRAPHY. IN SOME CASES "TOPWID" DOES NOT
REPRESENT THE FULL WIDTH OF THE FLOODPLAIN DUE TO NON-EFFECTIVE FLOW
AREAS OR LOW ISLANDS WITHIN THE FLOODPLAIN. THE RUN WAS STARTED BASED
SLOPE-AREA METHOD. THE HIGH WATER IN THE GILA RIVER WAS NOT USED TO
START THE RUN, DUE TO THE DIFFERENCE IN THE TIME TO PEAK.
ENCROACHMENTS ARE PLACED ON THE UPSTREAM SECTION OF THE BRIDGES TO
REPRESENT THE 1:1 CONTRACTION OF FLOW. IN ADDITION, ENCROACHMENTS ARE
PLACED ON THE DOWNSTREAM SECTION OF THE BRIDGES TO REPRESENT THE 4:1
EXPANSION OF FLOW.
****
***** BEGIN NONSTRUCTURAL DIKES ******
***** CONSIDERED NONEFFECTIVE ******
****

.160	8.26	916.56	914.69	916.39	916.97	.41	.00	.00	911.80
50900.0	11615.5	17777.7	21506.8	2595.7	2423.0	7677.7	.0	.0	923.00
.00	4.47	7.34	2.80	.045	.035	.077	.000	908.30	8341.80
.003027	0.	0.	0.	0	15	4	.00	4294.83	15428.20

FLOW DISTRIBUTION FOR SECNO= .16 CWSEL= 916.56

STA=	8342.	9494.	9620.	9720.	10167.	10477.	11042.	11265.	11500.	11664.	11830.	12628.	15428.
PER Q=	12.3	5.2	5.3	34.9	4.1	8.2	3.7	8.5	6.0	7.2	4.4	.2	
AREA=	1540.4	549.3	506.0	2423.0	767.7	1050.2	669.7	1118.5	1066.6	1196.8	1632.7	175.6	
VEL=	4.1	4.8	5.4	7.3	2.7	4.0	2.8	3.9	2.9	3.1	1.4	.5	
DEPTH=	1.3	4.4	5.1	5.6	2.5	1.9	3.0	4.8	6.5	7.2	2.0	.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

1490 NH CARD USED
*SECNO .250

3265 DIVIDED FLOW

.250	7.21	918.11	916.99	.00	918.55	.44	1.57	.01	913.50
50900.0	22994.5	12802.5	15103.0	4947.6	1529.8	8238.8	153.9	56.8	922.50
.03	4.65	8.37	1.83	.047	.035	.092	.000	910.90	8257.13
.003339	505.	495.	480.	2	19	0	.00	5866.30	15619.22

FLOW DISTRIBUTION FOR SECNO= .25 CWSEL= 918.11

STA=	8257.	9109.	9486.	9620.	9958.	10230.	10650.	11054.	12126.	12846.	15619.
PER Q=	3.6	19.0	6.4	16.2	25.2	6.1	6.9	10.1	5.6	1.0	
AREA=	979.1	1793.6	617.4	1557.4	1529.8	1021.0	1609.8	3009.8	1805.5	792.7	
VEL=	1.9	5.4	5.3	5.3	8.4	3.0	2.2	1.7	1.6	.7	
DEPTH=	1.1	4.8	4.6	4.6	6.3	2.4	4.0	2.8	2.5	.3	

1490 NH CARD USED
*SECNO .350

3265 DIVIDED FLOW

.350	8.21	919.61	918.37	.00	919.98	.37	1.43	.01	915.10
50900.0	24010.5	13338.1	13551.4	6389.0	1673.7	9446.3	333.3	134.7	923.30
.06	3.76	7.97	1.43	.049	.035	.100	.000	911.40	7635.16
.002617	485.	485.	485.	2	10	0	.00	8121.07	15794.62

FLOW DISTRIBUTION FOR SECNO= .35 CWSEL= 919.61

STA=	7635.	8850.	9069.	9474.	9640.	9965.	10223.	11060.	12132.	13457.	15795.
PER Q=	3.2	4.8	19.6	6.4	13.1	26.2	6.8	14.5	3.6	1.7	
AREA=	1508.1	681.8	2024.4	724.3	1450.5	1673.7	2286.5	4025.2	1632.4	1502.3	
VEL=	1.1	3.6	4.9	4.5	4.6	8.0	1.5	1.8	1.1	.6	
DEPTH=	1.2	3.1	5.0	4.4	4.5	7.1	2.7	3.8	1.2	.6	

1490 NH CARD USED
*SECNO .440

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

.440	8.08	920.88	919.21	.00	921.15	.26	1.15	.01	916.70
50900.0	25410.1	16776.8	8713.1	6926.8	3034.8	7819.1	539.1	228.5	925.20
.10	3.67	5.53	1.11	.046	.035	.100	.000	912.80	7488.57
.001966	520.	505.	500.	2	14	0	.00	8028.40	15768.64

FLOW DISTRIBUTION FOR SECNO= .44 CWSEL= 920.88

STA=	7489.	8640.	8999.	9710.	9798.	10420.	11076.	11365.	12229.	13644.	15769.
PER Q=	8.9	16.3	22.0	2.7	33.0	5.4	3.6	3.6	3.5	1.0
AREA=	1721.9	1878.8	2958.0	368.1	3034.8	1969.4	1100.1	1743.5	2027.3	978.7
VEL=	2.6	4.4	3.8	3.8	5.5	1.4	1.7	1.1	.9	.5
DEPTH=	1.5	5.2	4.2	4.2	5.0	3.0	3.8	2.0	1.4	.5

1490 NH CARD USED
*SECNO .540

3265 DIVIDED FLOW

.540	8.26	921.96	920.74	.00	922.29	.33	1.12	.02	917.20
50900.0	26166.1	12719.0	12014.9	7098.6	1706.6	8476.8	744.5	325.8	927.50
.13	3.69	7.45	1.42	.047	.035	.086	.000	913.70	6959.29
.002408	530.	505.	495.	2	14	0	.00	8732.60	15871.39

FLOW DISTRIBUTION FOR SECNO= .54 CWSEL= 921.96

STA=	6959.	8647.	8997.	9446.	9720.	9904.	10199.	10515.	11525.	13063.	15871.
PER Q=	3.6	15.3	14.7	10.1	7.6	25.0	6.6	9.9	4.6	2.5
AREA=	1542.9	1684.5	1821.0	1193.5	856.7	1706.6	998.0	3119.5	2299.4	2059.9
VEL=	1.2	4.6	4.1	4.3	4.5	7.5	3.4	1.6	1.0	.6
DEPTH=	.9	4.8	4.1	4.4	4.7	6.8	3.2	3.1	1.5	.7

1490 NH CARD USED
*SECNO .630

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 6600.0 16199.0 TYPE= 1 TARGET= 9599.000

.630	7.59	923.29	922.39	.00	923.61	.32	1.32	.00	919.60
50900.0	18365.2	13175.1	19359.7	5420.2	1712.6	10516.3	946.6	423.4	929.00
.17	3.39	7.69	1.84	.048	.035	.079	.000	915.70	7182.83
.002819	525.	505.	490.	2	14	0	.00	8199.52	15492.44

FLOW DISTRIBUTION FOR SECNO= .63 CWSEL= 923.29

STA=	7183.	8772.	9149.	9522.	9740.	9888.	10209.	10424.	10644.	11646.	12511.	13595.	14582.
PER Q=	3.3	15.4	8.2	5.0	4.2	25.9	11.1	5.1	9.7	3.9	4.0	3.3	
AREA=	1418.2	1662.0	1132.7	683.8	523.4	1712.6	1074.9	728.3	2964.1	1632.1	1828.5	1566.2	
VEL=	1.2	4.7	3.7	3.8	4.1	7.7	5.3	3.6	1.7	1.2	1.1	1.1	
DEPTH=	.9	4.4	3.0	3.1	3.5	6.3	5.0	3.3	3.0	1.9	1.7	1.6	

STA=	14582.	15492.
PER Q=	1.0	
AREA=	722.3	
VEL=	.7	
DEPTH=	.8	

1490 NH CARD USED
*SECNO .730

3265 DIVIDED FLOW

.730	7.77	924.67	922.98	.00	924.95	.28	1.33	.00	920.00
50900.0	21743.3	9996.7	19160.0	6253.3	1377.6	7546.6	1134.3	520.6	928.80
.20	3.48	7.26	2.54	.050	.035	.066	.000	916.90	6254.15
.002527	510.	500.	490.	2	14	0	.00	8818.85	15161.71

FLOW DISTRIBUTION FOR SECNO= .73 CWSEL= 924.67

STA=	6254.	8800.	8982.	9126.	9195.	9760.	9917.	10162.	10479.	10591.	10794.	11725.	15162.
PER Q=	3.7	4.7	8.5	3.1	16.8	5.8	19.6	18.9	6.0	3.0	7.5	2.3	
AREA=	1665.8	632.0	817.2	336.2	2131.4	670.8	1377.6	1867.9	636.0	671.3	2581.1	1790.3	
VEL=	1.1	3.8	5.3	4.8	4.0	4.4	7.3	5.2	4.8	2.3	1.5	.6	
DEPTH=	.7	3.5	5.7	4.9	3.8	4.3	6.3	5.9	5.7	3.3	2.8	.5	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

1490 NH CARD USED
*SECNO .830

3265 DIVIDED FLOW

.830	8.61	925.91	924.41	.00	926.14	.24	1.19	.00	920.90
50900.0	24978.8	10152.2	15769.0	9403.3	1392.2	8379.3	1329.5	625.0	925.90
.25	2.66	7.29	1.88	.056	.035	.070	.000	917.30	4842.36
.002279	495.	495.	495.	2	11	0	.00	9559.34	14433.17

FLOW DISTRIBUTION FOR SECNO= .83 CWSEL= 925.91

STA=	4842.	8616.	8920.	9120.	9540.	9770.	9925.	10128.	10277.	10717.	11882.	14360.	14433.
PER Q=	5.8	4.3	9.5	15.7	7.7	6.1	19.9	9.9	8.7	7.0	5.3	.0	
AREA=	3612.5	1218.0	1031.2	1871.7	956.0	714.0	1392.2	988.2	1420.6	2757.9	3186.8	25.8	
VEL=	.8	1.8	4.7	4.3	4.1	4.4	7.3	5.1	3.1	1.3	.9	.4	
DEPTH=	1.0	4.0	5.2	4.5	4.2	4.6	6.9	6.6	3.2	2.4	1.3	.4	

[illegible]0 NH CARD USED
*SECNO .920

3265 DIVIDED FLOW

.920	7.55	926.85	925.68	.00	927.16	.31	1.00	.02	923.30
50900.0	15989.1	21311.3	13599.6	5941.4	3346.5	8363.7	1516.3	714.9	930.70
.28	2.69	6.37	1.63	.049	.035	.080	.000	919.30	5271.86
.002229	445.	440.	440.	2	16	0	.00	8129.20	13964.74

FLOW DISTRIBUTION FOR SECNO= .92 CWSEL= 926.85

STA=	5272.	8611.	9039.	9200.	9614.	10222.	10397.	10903.	12062.	13900.	13965.
PER Q=	4.4	6.7	6.7	13.7	41.9	4.5	6.2	9.9	6.1	.0	
AREA=	2345.1	1134.3	742.2	1719.7	3346.5	643.9	1239.8	3402.3	3059.8	17.8	
VEL=	1.0	3.0	4.6	4.0	6.4	3.5	2.6	1.5	1.0	.3	
DEPTH=	.7	2.7	4.6	4.2	5.7	3.7	2.5	2.9	1.7	.3	

1490 NH CARD USED
*SECNO 1.010

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

1.010	6.59	927.79	926.20	.00	928.20	.41	1.01	.03	924.90
50900.0	9118.7	26987.0	14794.4	2059.1	4208.7	7093.9	1673.0	775.7	931.40
.30	4.43	6.41	2.09	.045	.035	.071	.000	921.20	9192.46
.002353	440.	440.	440.	2	23	0	.00	3917.41	13197.17

FLOW DISTRIBUTION FOR SECNO= 1.01 CWSEL= 927.79

STA=	9192.	9300.	9400.	9682.	10471.	10677.	10830.	11259.	12194.	13197.
PER Q=	4.7	6.6	6.6	53.0	4.6	5.0	7.3	9.1	3.1	
AREA=	505.6	618.6	934.9	4208.7	684.1	661.9	1240.0	2910.1	1597.9	
VEL=	4.7	5.4	3.6	6.4	3.4	3.8	3.0	1.6	1.0	
DEPTH=	4.7	6.2	3.3	5.5	3.3	4.3	2.9	3.1	1.6	

1490 NH CARD USED
*SECNO 1.100

3265 DIVIDED FLOW

1.100	9.31	928.81	926.40	.00	929.13	.32	.92	.01	923.20
50900.0	13129.2	28426.5	9344.2	3246.2	5281.1	6206.8	1828.6	820.4	934.30
.33	4.04	5.38	1.51	.045	.035	.077	.000	919.50	8913.49
.001562	500.	490.	470.	2	8	0	.00	4213.90	13308.20

FLOW DISTRIBUTION FOR SECNO= 1.10 CWSEL= 928.81

STA=	8913.	9267.	9325.	9660.	9719.	10678.	10913.	11128.	11660.	13150.	13308.
PER Q=	5.1	5.4	13.0	2.2	55.8	4.5	4.0	4.1	5.8	.0	
AREA=	744.0	502.2	1702.9	297.1	5281.1	778.5	716.4	1642.6	3005.3	64.0	
VEL=	3.5	5.5	3.9	3.8	5.4	2.9	2.8	1.3	1.0	.3	
DEPTH=	2.1	8.7	5.1	5.0	5.7	3.3	3.3	3.1	2.0	.4	

1490 NH CARD USED
*SECNO 1.170

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1.170	6.20	929.80	928.62	.00	930.23	.43	1.07	.03	927.20
50900.0	8828.5	26810.0	15261.5	2955.3	3944.6	6457.6	1996.8	873.8	933.00
.36	2.99	6.80	2.36	.045	.035	.070	.000	923.60	8149.64
.002658	560.	540.	490.	2	11	0	.00	4764.36	12948.76

FLOW DISTRIBUTION FOR SECNO= 1.17 CWSEL= 929.80

STA=	8150.	9032.	9439.	9778.	9917.	10654.	11220.	11765.	12280.	12949.
PER Q=	6.4	4.3	4.1	2.6	52.7	18.2	4.7	5.1	2.0	
AREA=	1022.5	814.3	729.1	389.3	3944.6	2312.7	1544.5	1596.9	1003.4	
VEL=	3.2	2.7	2.8	3.4	6.8	4.0	1.5	1.6	1.0	
DEPTH=	1.2	2.0	2.2	2.8	5.5	4.1	2.8	3.1	1.5	

1490 NH CARD USED
*SECNO 1.250

3265 DIVIDED FLOW

1.250	6.62	931.02	930.54	.00	931.89	.86	1.53	.13	929.10
50900.0	7695.4	33443.1	9761.5	2589.6	3733.7	3458.8	2125.9	920.8	933.60
.38	2.97	8.96	2.82	.045	.035	.066	.000	924.40	8456.84
.003781	480.	485.	490.	2	5	0	.00	3678.81	12152.72

FLOW DISTRIBUTION FOR SECNO= 1.25 CWSEL= 931.02

STA=	8457.	8831.	9204.	9974.	10571.	10702.	11240.	12013.	12153.
PER Q=	4.2	5.2	5.7	65.7	9.5	3.6	5.7	.4	
AREA=	693.8	793.1	1102.8	3733.7	770.5	724.4	1798.9	165.0	
VEL=	3.1	3.4	2.6	9.0	6.3	2.5	1.6	1.2	
DEPTH=	1.9	2.1	1.4	6.4	5.9	1.3	2.3	1.2	

1490 NH CARD USED
*SECNO 1.330

3265 DIVIDED FLOW

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***** END NONSTRUCTURAL DIKES ********
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1.330	7.45	932.95	932.04	.00	933.43	.47	1.50	.04	929.10
50900.0	19132.1	25166.6	6601.2	6708.4	3457.3	2131.1	2250.6	967.4	932.00
.41	2.85	7.28	3.10	.049	.035	.051	.000	925.50	6424.93
.002506	485.	495.	500.	2	6	0	.00	4579.95	11363.67

FLOW DISTRIBUTION FOR SECNO= 1.33 CWSEL= 932.95

STA=	6425.	8339.	8777.	9282.	9911.	10456.	10701.	11200.	11364.
PER Q=	7.3	5.9	7.8	16.5	49.4	9.1	3.6	.3	
AREA=	2184.5	1031.9	1286.7	2205.3	3457.3	1125.4	849.9	155.8	
VEL=	1.7	2.9	3.1	3.8	7.3	4.1	2.1	1.1	
DEPTH=	1.1	2.4	2.5	3.5	6.3	4.6	1.7	1.0	

*SECNO 1.400

3265 DIVIDED FLOW

1.400	7.06	934.16	934.00	.00	935.11	.95	1.54	.14	931.60
50900.0	14177.7	31592.0	5130.3	4295.1	3314.2	1305.4	2361.0	1010.8	935.20
.43	3.30	9.53	3.93	.045	.035	.050	.000	927.10	6178.61
.004663	430.	475.	485.	2	12	0	.00	3913.30	10865.99

FLOW DISTRIBUTION FOR SECNO= 1.40 CWSEL= 934.16

STA=	6179.	6523.	6958.	7717.	8132.	8517.	8913.	9748.	10305.	10330.	10380.	10500.	10717.
PER Q=	1.7	2.2	.0	1.2	1.5	5.6	15.6	62.1	.6	2.6	2.7	3.5	
AREA=	373.2	471.3	5.0	325.4	344.9	798.8	1976.6	3314.2	67.3	235.9	338.1	502.8	
VEL=	2.4	2.4	1.9	1.9	2.2	3.6	4.0	9.5	4.2	5.7	4.0	3.6	
DEPTH=	1.1	1.1	.0	.8	.9	2.0	2.4	6.0	2.7	4.7	2.8	2.3	

STA=	10717.	10866.
PER Q=	.7	
AREA=	161.4	
VEL=	2.1	
DEPTH=	1.1	

*SECNO 1.480

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.75

1.480	9.29	935.99	934.56	.00	936.37	.38	1.20	.06	932.90
50900.0	17702.1	32934.9	262.9	7370.0	5604.3	143.3	2481.6	1052.8	933.30
.46	2.40	5.88	1.83	.045	.035	.050	.000	926.70	6274.27
.001522	450.	505.	520.	2	8	0	.00	3962.32	10355.62

FLOW DISTRIBUTION FOR SECNO= 1.48 CWSEL= 935.99

STA=	6274.	6699.	7062.	7639.	8044.	8368.	8794.	9118.	9441.	10279.	10356.
PER Q=	3.4	5.7	3.4	3.2	4.0	6.0	4.1	4.9	64.7	.5	
AREA=	805.0	1086.2	836.0	806.9	839.9	1189.5	856.1	950.4	5604.3	143.3	
VEL=	2.2	2.7	2.0	2.0	2.4	2.6	2.5	2.6	5.9	1.8	
DEPTH=	1.9	3.0	1.4	2.0	2.6	2.8	2.6	2.9	6.7	1.9	

*SECNO 1.560

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.63

1.560	10.45	936.55	932.42	.00	936.78	.23	.40	.01	932.20
50900.0	19593.4	31306.6	.0	10442.5	6687.9	.0	2627.9	1087.4	939.00
.49	1.88	4.68	.00	.045	.035	.000	.000	926.10	6487.80
.000574	370.	495.	515.	2	14	0	.00	3645.60	10166.90

FLOW DISTRIBUTION FOR SECNO= 1.56 CWSEL= 936.55

STA=	6488.	6879.	7321.	7715.	8292.	8654.	9082.	9202.	9494.	10172.
PER Q=	4.6	3.6	5.1	7.2	3.6	5.2	3.5	5.7	61.5	
AREA=	1279.0	1157.6	1399.4	2001.8	1106.3	1470.5	695.3	1332.6	6687.9	
VEL=	1.8	1.6	1.8	1.8	1.7	1.8	2.6	2.2	4.7	
DEPTH=	3.3	2.6	3.6	3.5	3.1	3.4	5.8	4.6	9.9	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1.640

3265 DIVIDED FLOW

1.640	8.92	936.82	932.62	.00	937.09	.26	.29	.01	931.30
50900.0	10176.5	40661.5	62.0	6148.4	8979.7	91.8	2792.6	1122.1	935.20
.53	1.66	4.53	.68	.045	.035	.050	.000	927.90	6727.81
.000682	380.	510.	540.	2	14	0	.00	3658.96	10424.44

FLOW DISTRIBUTION FOR SECNO= 1.64 CWSEL= 936.82

STA=	6728.	7308.	7651.	7989.	8543.	8988.	9224.	10311.	10424.
PER Q=	3.6	3.3	3.2	4.1	3.2	2.7	79.9	.1	
AREA=	1138.6	972.7	929.3	1319.9	1052.1	735.7	8979.7	91.8	
VEL=	1.6	1.7	1.7	1.6	1.5	1.9	4.5	.7	
DEPTH=	2.0	2.8	2.7	2.4	2.4	3.1	8.3	.8	

*SECNO 1.710

3265 DIVIDED FLOW

1.710	8.97	937.17	933.72	.00	937.45	.28	.36	.01	935.80
50900.0	10127.9	40750.0	22.2	5802.1	8712.6	34.5	2944.6	1158.3	935.90
.56	1.75	4.68	.64	.045	.035	.050	.000	928.20	6281.60
.000859	370.	495.	525.	2	14	0	.00	4024.60	10338.71

FLOW DISTRIBUTION FOR SECNO= 1.71 CWSEL= 937.17

STA=	6282.	7016.	7198.	7542.	8306.	9091.	10284.	10339.
PER Q=	4.4	3.2	5.3	3.7	3.2	80.1	.0	
AREA=	1416.9	668.5	1201.3	1269.7	1245.8	8712.6	34.5	
VEL=	1.6	2.4	2.2	1.5	1.3	4.7	.6	
DEPTH=	1.9	3.7	3.5	1.7	1.6	7.3	.6	

*SECNO 1.790

3265 DIVIDED FLOW

1.790	8.37	937.57	934.66	.00	937.99	.42	.50	.04	936.40
50900.0	5216.1	45656.6	27.4	3373.9	8308.1	33.7	3071.1	1190.1	936.30
.58	1.55	5.50	.81	.045	.035	.050	.000	929.20	6226.12
.001371	270.	500.	540.	2	14	0	.00	4010.49	10305.46

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 1.79 CWSEL= 937.57

STA=	6226.	7227.	7523.	8749.	8983.	10252.	10305.
PER Q=	3.2	3.1	3.5	.5	89.7	.1	
AREA=	1120.4	716.5	1311.1	225.9	8308.1	33.7	
VEL=	1.4	2.2	1.3	1.2	5.5	.8	
DEPTH=	1.1	2.4	1.1	1.0	6.5	.6	

*SECNO 1.870

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 6000.0 10051.0 TYPE= 1 TARGET= 4051.000

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**************************************
***** BEGIN WEST BANK LEVEE **********
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1.870	7.41	938.21	936.02	.00	938.76	.56	.73	.04	934.40
50900.0	5014.2	45877.4	8.5	2686.5	7310.4	7.0	3170.4	1216.0	931.20
.60	1.87	6.28	1.21	.045	.035	.050	.000	930.80	6224.13
.001982	200.	475.	510.	2	14	0	.00	3779.28	10051.00

FLOW DISTRIBUTION FOR SECNO= 1.87 CWSEL= 938.21

STA=	6224.	7508.	8428.	8841.	10050.	10051.
PER Q=	5.6	3.1	1.1	90.1	.0	
AREA=	1427.3	927.9	331.3	7310.4	7.0	
VEL=	2.0	1.7	1.7	6.3	1.2	
DEPTH=	1.1	1.0	.8	6.0	7.0	

*SECNO 1.940

3265 DIVIDED FLOW

1.940	6.95	939.25	937.28	.00	939.67	.42	.89	.01	938.20
50900.0	7608.3	43291.7	.0	3689.9	7789.9	.0	3275.3	1242.9	944.50
.63	2.06	5.56	.00	.045	.035	.000	.000	932.30	6252.38
.001749	200.	520.	540.	2	14	0	.00	3759.83	10058.70

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 1.94 CWSEL= 939.25

STA=	6252.	6964.	7592.	8375.	8655.	10063.
PER Q=	6.1	4.1	3.7	1.1	85.1	
AREA=	1408.8	933.5	996.8	350.8	7789.9	
VEL=	2.2	2.2	1.9	1.6	5.6	
DEPTH=	2.0	1.5	1.3	1.3	5.5	

*SECNO 2.020

3265 DIVIDED FLOW

2.020	7.35	940.05	938.57	.00	940.44	.39	.77	.00	938.10
50900.0	14556.3	36343.7	.0	5359.3	6445.4	.0	3374.9	1268.8	944.80
.65	2.72	5.64	.00	.045	.035	.000	.000	932.70	6530.23
.001944	220.	470.	475.	2	12	0	.00	3496.83	10070.43

FLOW DISTRIBUTION FOR SECNO= 2.02 CWSEL= 940.05

STA=	6530.	6935.	7244.	7688.	8390.	8839.	10077.
PER Q=	8.0	6.5	3.3	6.8	4.0	71.4	
AREA=	1282.8	1022.3	738.1	1437.0	879.1	6445.4	
VEL=	3.2	3.2	2.3	2.4	2.3	5.6	
DEPTH=	3.2	3.3	1.7	2.0	2.0	5.2	

*SECNO 2.100

3265 DIVIDED FLOW

2.100	6.54	940.84	939.63	.00	941.37	.54	.89	.05	938.70
50900.0	11233.1	39666.9	.0	4004.8	6096.5	.0	3468.3	1294.7	946.70
.67	2.80	6.51	.00	.045	.035	.000	.000	934.30	6926.31
.002579	280.	440.	450.	2	19	0	.00	3200.74	10158.57

FLOW DISTRIBUTION FOR SECNO= 2.10 CWSEL= 940.84

STA=	6926.	7284.	7595.	7601.	7638.	7696.	7784.	7910.	8142.	8570.	8855.	8998.	10165.
PER Q=	2.2	5.5	.0	.0	1.6	1.8	.3	1.2	6.0	2.5	1.1	77.9	
AREA=	505.7	849.3	9.8	7.3	203.3	261.5	99.3	298.0	1022.1	508.4	240.1	6096.5	
VEL=	2.2	3.3	2.1	1.9	3.9	3.5	1.4	2.0	3.0	2.5	2.4	6.5	
DEPTH=	1.4	2.7	1.5	.2	3.5	3.0	.8	1.3	2.4	1.8	1.7	5.3	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2.180

2.180	7.35	941.75	940.48	.00	942.25	.51	.88	.00	938.30
50900.0	13050.7	37849.3	.0	4749.3	5901.3	.0	3551.6	1317.7	947.10
.69	2.75	6.41	.00	.045	.035	.000	.000	934.40	7350.13
.002170	280.	400.	420.	2	11	0	.00	3048.62	10398.75

FLOW DISTRIBUTION FOR SECNO= 2.18 CWSEL= 941.75

STA=	7350.	7376.	7879.	8327.	8469.	8769.	9030.	9391.	10405.
PER Q=	.1	4.6	4.7	2.0	4.6	3.1	6.6	74.4	
AREA=	20.3	979.3	941.8	362.6	793.1	588.4	1063.8	5901.3	
VEL=	1.3	2.4	2.5	2.9	2.9	2.6	3.2	6.4	
DEPTH=	.8	1.9	2.1	2.5	2.6	2.3	3.0	5.9	

*SECNO 2.250

2.250	7.68	942.68	941.73	.00	943.35	.67	1.04	.05	938.30
50900.0	17880.0	33020.0	.0	5223.5	4262.6	.0	3638.5	1339.3	949.30
.71	3.42	7.75	.00	.045	.035	.000	.000	935.00	7655.51
.002860	260.	490.	510.	2	15	0	.00	2702.61	10358.12

FLOW DISTRIBUTION FOR SECNO= 2.25 CWSEL= 942.68

STA=	7656.	7676.	8187.	8478.	8490.	8646.	8690.	8963.	9280.	9684.	10366.
PER Q=	.1	6.5	4.3	.1	1.1	.9	6.2	4.5	11.5	64.9	
AREA=	23.7	1111.4	692.4	22.7	238.4	131.9	838.5	738.6	1426.0	4262.6	
VEL=	1.9	3.0	3.1	2.8	2.3	3.7	3.7	3.1	4.1	7.7	
DEPTH=	1.1	2.2	2.4	2.0	1.5	3.0	3.1	2.3	3.5	6.3	

*SECNO 2.330

2.330	7.78	943.98	942.42	.00	944.45	.46	1.08	.02	940.30
50900.0	19857.6	31042.4	.0	5872.8	4804.7	.0	3737.9	1364.3	949.60
.74	3.38	6.46	.00	.045	.035	.000	.000	936.20	7725.70
.002050	380.	490.	490.	2	16	0	.00	2601.73	10327.43

FLOW DISTRIBUTION FOR SECNO= 2.33 CWSEL= 943.98

STA=	7726.	7809.	7839.	7935.	8402.	8650.	8698.	8937.	8955.	9281.	9549.	10339.
PER Q=	.2	.1	.8	9.0	7.0	1.2	3.8	.4	9.4	7.2	61.0	
AREA=	70.4	37.5	180.4	1439.3	965.3	171.4	653.4	60.0	1280.5	1014.6	4804.7	
VEL=	1.3	1.8	2.3	3.2	3.7	3.5	2.9	3.3	3.7	3.6	6.5	
DEPTH=	.8	1.3	1.9	3.1	3.9	3.6	2.7	3.3	3.9	3.8	6.2	

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 2.410
     2.410      7.54    944.94    943.71       .00    945.48       .54      1.01       .02    941.60
   50900.0   15513.6   32918.8    2467.6    4413.3    4772.2     781.4    3838.7    1388.0    940.60
       .76      3.52      6.90      3.16      .045      .035      .050      .000    937.40   8290.50
   .002498      350.      500.      500.         2        14         0       .00   2513.02  10803.51


FLOW DISTRIBUTION FOR SECNO=      2.41          CWSEL=    944.94

STA=    8290.    8424.    8908.    9149.    9517.    9736.   10550.   10633.   10800.   10804.
  PER Q=      1.1     11.4      5.7      7.8      4.5     64.7      1.9      2.9       .0
   AREA=    229.2   1591.5    792.8   1133.8    666.0   4772.2    283.9    491.6      5.9
    VEL=      2.4      3.6      3.6      3.5      3.5      6.9      3.4      3.0      1.7
  DEPTH=      1.7      3.3      3.3      3.1      3.0      5.9      3.4      2.9      1.7

*SECNO 2.510
     2.510      7.37    946.07    944.16       .00    946.56       .49      1.08       .01    943.90
   50900.0    9445.2   41249.1     205.7    3040.8    6798.8     104.2    3951.6    1414.7    943.70
       .78      3.11      6.07      1.97      .045      .035      .050      .000    938.70   8616.18
   .001913      510.      495.      345.         2        19         0       .00   2202.47  10818.65


FLOW DISTRIBUTION FOR SECNO=      2.51          CWSEL=    946.07

STA=    8616.    8652.    9047.    9180.    9212.    9609.   10760.   10809.   10819.
  PER Q=       .2      7.7      4.0       .9      5.8     81.0       .4       .0
   AREA=     50.7   1255.2    546.1    127.1   1061.8   6798.8     96.6      7.6
    VEL=      1.8      3.1      3.7      3.6      2.8      6.1      2.0      1.1
  DEPTH=      1.4      3.2      4.1      4.0      2.7      5.9      2.0       .8

*SECNO 2.600
     2.600      7.52    947.12    945.38       .00    947.59       .46      1.02       .00    944.80
   50900.0    5079.1   42887.4    2933.6    1790.3    7397.8     853.8    4071.9    1444.0    943.60
       .81      2.84      5.80      3.44      .040      .035      .040      .000    939.60   8593.04
   .002054      640.      505.      230.         2        15         0       .00   2550.49  11143.53


FLOW DISTRIBUTION FOR SECNO=      2.60          CWSEL=    947.12

STA=    8593.    8730.    9057.    9437.   10850.   11141.   11144.
  PER Q=       .6      4.4      4.9     84.3      5.8       .0
   AREA=    166.1    760.5    863.6   7397.8    850.7      3.1
    VEL=      1.9      3.0      2.9      5.8      3.4      1.5
  DEPTH=      1.2      2.3      2.3      5.2      2.9      1.2
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 2.700
     2.700      7.78    948.18    946.05       .00    948.51       .33       .91       .01    945.20
   50900.0    4443.6   46456.4        .0    1713.8    9721.4        .0    4204.5    1478.4    955.50
       .84      2.59      4.78       .00      .040      .035      .000      .000    940.40   8550.55
   .001501      790.      500.      265.         2        19         0       .00   2678.92  11229.47


FLOW DISTRIBUTION FOR SECNO=      2.70          CWSEL=    948.18

STA=    8551.    8597.    9107.    9268.   11238.
  PER Q=       .2       6.3      2.2     91.3
   AREA=     61.9   1236.8    415.1   9721.4
    VEL=      1.7       2.6      2.7      4.8
  DEPTH=      1.3       2.4      2.6      5.0

*SECNO 2.800
        ****************************************
        *****      EAST BANK LEVEE       *****
        ***** CROSS SECTIONS 2.80 & 2.89 *****
        ****************************************
     2.800      6.88    948.88    946.24       .00    949.19       .31       .68       .00    943.40
   50900.0    2865.6   48034.4        .0     862.7   10562.0        .0    4334.5    1506.3    956.60
       .87      3.32      4.55       .00      .040      .035      .000      .000    942.00   8957.87
   .001256      460.      500.      390.         2        11         0       .00   2250.71  11208.58


FLOW DISTRIBUTION FOR SECNO=      2.80          CWSEL=    948.88

STA=    8958.    9061.    9200.   11222.
  PER Q=       .8       4.8     94.4
   AREA=    205.0    657.7  10562.0
    VEL=      2.1       3.7      4.5
  DEPTH=      2.0       4.7      5.3

*SECNO 2.890
        ****************************************
        *****      EAST BANK LEVEE       *****
        ***** CROSS SECTIONS 2.80 & 2.89 *****
        ****************************************
     2.890      6.71    949.51    946.83       .00    949.83       .32       .63       .00    943.80
   50900.0   16590.6   34309.4        .0    3645.0    7636.4        .0    4460.9    1531.0    958.00
       .90      4.55      4.49       .00      .040      .035      .000      .000    942.80   9059.70
   .001365      485.      485.      415.         0        11         0       .00   2187.95  11247.66
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 2.89 CWSEL= 949.51

STA=	9060.	9073.	9143.	9349.	9383.	9673.	11261.
PER Q=	.1	3.0	13.3	1.9	14.3	67.4	
AREA=	25.0	368.0	1386.5	210.0	1655.5	7636.4	
VEL=	2.1	4.2	4.9	4.6	4.4	4.5	
DEPTH=	1.9	5.3	6.7	6.2	5.7	4.8	

*SECNO 2.990

2.990	7.85	950.15	947.07	.00	950.46	.31	.64	.00	948.60
50900.0	2040.3	48859.6	.0	857.8	10776.5	.0	4595.1	1558.1	959.00
.93	2.38	4.53	.00	.040	.035	.000	.000	942.30	8808.48
.001147	510.	510.	430.	1	19	0	.00	2437.41	11245.90

FLOW DISTRIBUTION FOR SECNO= 2.99 CWSEL= 950.15

STA=	8808.	9080.	9220.	9298.	9323.	11261.
PER Q=	.2	2.2	1.4	.1	96.0	
AREA=	129.1	428.4	260.9	39.3	10776.5	
VEL=	.8	2.6	2.8	1.7	4.5	
DEPTH=	.5	3.0	3.3	1.5	5.6	

*SECNO 3.080

3265 DIVIDED FLOW

3.080	8.19	950.69	947.04	.00	950.99	.30	.52	.00	951.40
50900.0	212.6	50687.4	.0	263.3	11531.5	.0	4730.2	1585.9	960.00
.97	.81	4.40	.00	.040	.035	.000	.000	942.50	8930.05
.000947	550.	500.	380.	2	11	0	.00	2309.63	11262.86

FLOW DISTRIBUTION FOR SECNO= 3.08 CWSEL= 950.69

STA=	8930.	9339.	9373.	11278.
PER Q=	.4	.0	99.6	
AREA=	242.8	20.5	11531.5	
VEL=	.8	.8	4.4	
DEPTH=	.6	.6	6.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3.180

3265 DIVIDED FLOW

3.180	7.78	951.18	948.33	.00	951.62	.44	.59	.04	952.20
50900.0	35.0	50865.0	.0	63.3	9543.8	.0	4853.7	1611.5	959.20
.99	.55	5.33	.00	.040	.035	.000	.000	943.40	8874.25
.001500	680.	500.	350.	2	11	0	.00	1897.77	11199.32

FLOW DISTRIBUTION FOR SECNO= 3.18 CWSEL= 951.18

STA=	8874.	9140.	11211.
PER Q=	.1	99.9	
AREA=	63.3	9543.8	
VEL=	.6	5.3	
DEPTH=	.2	5.8	

*SECNO 3.270

3.270	7.45	951.95	949.35	.00	952.52	.57	.86	.04	950.70
50900.0	129.9	50770.1	.0	108.9	8382.1	.0	4959.7	1632.3	960.50
1.01	1.19	6.06	.00	.040	.035	.000	.000	944.50	9518.41
.001926	575.	510.	420.	2	14	0	.00	1601.76	11120.17

FLOW DISTRIBUTION FOR SECNO= 3.27 CWSEL= 951.95

STA=	9518.	9693.	11131.
PER Q=	.3	99.7	
AREA=	108.9	8382.1	
VEL=	1.2	6.1	
DEPTH=	.6	5.9	

*SECNO 3.370

3.370	9.48	952.88	949.91	.00	953.46	.59	.94	.01	950.90
50900.0	934.4	49965.6	.0	529.5	8060.0	.0	5060.3	1652.2	961.90
1.04	1.76	6.20	.00	.040	.035	.000	.000	943.40	9253.56
.001754	585.	510.	460.	2	11	0	.00	1698.69	10952.25

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 3.37 CWSEL= 952.88

STA=	9254.	9667.	9717.	10970.
PER Q=	1.3	.5	98.2	
AREA=	429.2	100.3	8060.0	
VEL=	1.6	2.5	6.2	
DEPTH=	1.0	2.0	6.5	

*SECNO 3.400

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

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*************************************
  DIVIDED FLOW AT TRANSMISSION TOWER
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3.400	7.70	952.80	952.80	.00	954.74	1.94	.62	.40	952.00
50900.0	183.7	50716.3	.0	76.2	4534.1	.0	5086.8	1658.2	963.20
1.04	2.41	11.19	.00	.040	.035	.000	.000	945.10	9579.10
.010675	175.	175.	175.	0	12	0	.00	1290.49	10914.47

FLOW DISTRIBUTION FOR SECNO= 3.40 CWSEL= 952.80

STA=	9579.	9684.	9761.	10929.
PER Q=	.1	.3	99.6	
AREA=	26.2	50.0	4534.1	
VEL=	1.5	2.9	11.2	
DEPTH=	.2	.6	4.1	

*SECNO 3.430

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.88

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3.430	8.78	954.78	952.81	.00	955.69	.91	.85	.10	952.80
50900.0	465.5	50434.5	.0	156.5	6574.8	.0	5108.3	1662.9	963.70
1.05	2.97	7.67	.00	.040	.035	.000	.000	946.00	9665.32
.003011	165.	165.	160.	2	15	0	.00	1191.45	10856.76

FLOW DISTRIBUTION FOR SECNO= 3.43 CWSEL= 954.78

STA=	9665.	9684.	9759.	10873.
PER Q=	.1	.9	99.1	
AREA=	16.8	139.7	6574.8	
VEL=	1.9	3.1	7.7	
DEPTH=	.9	1.9	6.0	

*SECNO 3.470

3.470	9.29	955.39	953.07	.00	956.25	.85	.55	.01	953.20
50900.0	1125.6	49774.4	.0	547.4	6640.7	.0	5140.2	1669.2	965.10
1.06	2.06	7.50	.00	.040	.035	.000	.000	946.10	9241.47
.002565	200.	200.	200.	3	15	0	.00	1555.91	10797.38

FLOW DISTRIBUTION FOR SECNO= 3.47 CWSEL= 955.39

STA=	9241.	9695.	9779.	10811.
PER Q=	1.3	.9	97.8	
AREA=	383.3	164.1	6640.7	
VEL=	1.7	2.9	7.5	
DEPTH=	.8	1.9	6.5	

*SECNO 3.550

3.550	8.41	956.41	954.76	.00	957.41	.99	1.12	.04	952.30
50900.0	4412.8	46487.2	.0	1317.8	5602.0	.0	5204.2	1683.3	964.00
1.07	3.35	8.30	.00	.040	.035	.000	.000	948.00	9117.53
.003147	395.	395.	395.	2	19	0	.00	1555.33	10672.86

FLOW DISTRIBUTION FOR SECNO= 3.55 CWSEL= 956.41

STA=	9118.	9751.	9814.	10685.
PER Q=	6.3	2.3	91.3	
AREA=	1081.0	236.8	5602.0	
VEL=	3.0	5.0	8.3	
DEPTH=	1.7	3.8	6.5	

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   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS      L-BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA        R-BANK ELEV
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN      SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID     ENDST


*SECNO 3.640
     3.640       9.04     957.84     956.14        .00     959.23       1.39       1.71        .12     963.20
   50900.0        .0    50900.0        .0        .0     5381.1        .0     5272.0     1696.4     965.20
      1.08        .00       9.46        .00       .000       .035       .000       .000     948.80    9765.06
   .004049      480.       480.       480.          2         15          0        .00     818.99   10584.04


FLOW DISTRIBUTION FOR SECNO=      3.64          CWSEL=    957.84

STA=    9765.   10594.
  PER Q=    100.0
   AREA=   5381.1
    VEL=      9.5
  DEPTH=      6.6

*SECNO 3.690
     3.690       7.97     958.97     957.84        .00     960.36       1.39       1.12        .00     960.00
   50900.0        .0    50900.0        .0        .0     5382.2        .0     5301.6     1701.4     966.00
      1.09        .00       9.46        .00       .000       .035       .000       .000     951.00    9531.57
   .005471      240.       240.       240.          2         15          0        .00    1028.78   10560.35


FLOW DISTRIBUTION FOR SECNO=      3.69          CWSEL=    958.97

STA=    9532.   10575.
  PER Q=    100.0
   AREA=   5382.2
    VEL=      9.5
  DEPTH=      5.2

*SECNO 3.729

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.44

     3.729       8.32     960.52     956.09        .00     960.94        .43        .49        .10     968.00
   50900.0        .0    50900.0        .0        .0     9717.0        .0     5347.6     1708.1     967.20
      1.10        .00       5.24        .00       .000       .035       .000       .000     952.20    9422.37
   .000919      260.       265.       270.          2         11          0        .00    1173.95   10596.32
```

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 3.73 CWSEL= 960.52

STA= 9422. 10603.
PER Q= 100.0
AREA= 9717.0
VEL= 5.2
DEPTH= 8.3

CCHV= .300 CEHV= .500
*SECNO 3.734

3370 NORMAL BRIDGE, NRD= 61 MIN ELTRD= 971.10 MAX ELLC= 967.60

```
*****************************
*****    BUCKEYE ROAD    *****
***** LOW CHORD = 967.4 *****
*****************************
```

3.734	8.20	960.50	956.40	.00	961.02	.51	.03	.04	967.50
50900.0	.0	50900.0	.0	.0	8842.4	.0	5352.9	1708.8	967.60
1.11	.00	5.76	.00	.000	.035	.000	.000	952.30	9407.85
.001461	25.	25.	25.	2	18	0	-810.09	1184.90	10592.76

FLOW DISTRIBUTION FOR SECNO= 3.73 CWSEL= 960.50

STA= 9408. 10599.
PER Q= 100.0
AREA= 8842.4
VEL= 5.8
DEPTH= 7.5

*SECNO 3.747

3370 NORMAL BRIDGE, NRD= 61 MIN ELTRD= 971.10 MAX ELLC= 967.60

3.747	8.32	960.62	956.40	.00	961.12	.50	.10	.00	967.50
50900.0	.0	50900.0	.0	.0	8971.6	.0	5367.2	1710.7	967.60
1.11	.00	5.67	.00	.000	.035	.000	.000	952.30	9407.74
.001397	70.	70.	70.	2	18	0	-821.96	1185.13	10592.87

```
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


FLOW DISTRIBUTION FOR SECNO=      3.75          CWSEL=    960.62

STA=    9408.   10599.
  PER Q=    100.0
   AREA=   8971.6
    VEL=      5.7
  DEPTH=      7.6

*SECNO 3.757
    3.757      8.63    960.73    956.27       .00    961.19       .46       .06       .01    966.50
  50900.0        .0   50900.0        .0        .0    9360.8        .0    5377.7    1712.0    967.70
     1.11       .00      5.44       .00      .000      .035      .000      .000    952.10   9436.78
  .000962       50.       50.       50.         2         8         0       .00   1110.62  10547.40


FLOW DISTRIBUTION FOR SECNO=      3.76          CWSEL=    960.73

STA=    9437.   10555.
  PER Q=    100.0
   AREA=   9360.8
    VEL=      5.4
  DEPTH=      8.4

*SECNO 3.767

3265 DIVIDED FLOW


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .59


3370 NORMAL BRIDGE, NRD=  76 MIN ELTRD=   970.90 MAX ELLC=   970.90

           ****************************
           ***** SO. PACIFIC R.R.  *****
           ***** LOW CHORD = 966.1 *****
           ****************************
    3.767      7.75    960.65    957.45       .00    961.42       .77       .08       .16    966.90
  50900.0        .0   50900.0        .0        .0    7216.0        .0    5387.2    1713.3    970.90
     1.11       .00      7.05       .00      .000      .035      .000      .000    952.90   9441.23
  .002786       50.       50.       50.         2        15         0   -825.27   1053.57  10559.12
```

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 3.77 CWSEL= 960.65

STA= 9441. 10572.
PER Q= 100.0
AREA= 7216.0
VEL= 7.1
DEPTH= 6.8

*SECNO 3.770

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 76 MIN ELTRD= 970.90 MAX ELLC= 970.90

3.770	7.82	960.72	957.45	.00	961.48	.76	.05	.00	966.90
50900.0	.0	50900.0	.0	.0	7286.1	.0	5390.6	1713.8	970.90
1.11	.00	6.99	.00	.000	.035	.000	.000	952.90	9441.07
.002707	20.	20.	20.	2	15	0	-833.30	1053.87	10559.26

FLOW DISTRIBUTION FOR SECNO= 3.77 CWSEL= 960.72

STA= 9441. 10572.
PER Q= 100.0
AREA= 7286.1
VEL= 7.0
DEPTH= 6.9

CCHV= .100 CEHV= .300
*SECNO 3.780

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.75

3.780	8.11	961.01	957.16	.00	961.55	.55	.05	.02	968.00
52000.0	.0	52000.0	.0	.0	8753.8	.0	5397.0	1714.6	968.00
1.12	.00	5.94	.00	.000	.030	.000	.000	952.90	9453.58
.000922	35.	35.	35.	2	11	0	.00	1109.91	10563.49

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 3.78 CWSEL= 961.01

STA= 9454. 10572.
PER Q= 100.0
AREA= 8753.8
VEL= 5.9
DEPTH= 7.9

*SECNO 3.800

3.800	8.02	961.12	957.35	.00	961.67	.55	.12	.00	967.50
52000.0	.0	52000.0	.0	.0	8717.6	.0	5422.1	1717.8	968.20
1.12	.00	5.96	.00	.000	.030	.000	.000	953.10	9450.26
.000948	125.	125.	125.	2	11	0	.00	1123.21	10573.47

FLOW DISTRIBUTION FOR SECNO= 3.80 CWSEL= 961.12

STA= 9450. 10590.
PER Q= 100.0
AREA= 8717.6
VEL= 6.0
DEPTH= 7.8

*SECNO 3.810

3265 DIVIDED FLOW

3.810	7.80	961.10	957.79	.00	961.80	.70	.09	.04	967.50
52000.0	.0	52000.0	.0	.0	7740.3	.0	5437.2	1719.8	968.50
1.13	.00	6.72	.00	.000	.030	.000	.000	953.30	9456.07
.001258	85.	80.	75.	2	11	0	.00	1025.13	10566.47

FLOW DISTRIBUTION FOR SECNO= 3.81 CWSEL= 961.10

STA= 9456. 10596.
PER Q= 100.0
AREA= 7740.3
VEL= 6.7
DEPTH= 7.6

```
    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 3.830
     3.830      8.61    961.41    957.43       .00    961.93       .52       .11       .02    968.00
   52000.0        .0   52000.0        .0        .0    9009.5        .0    5457.4    1722.4    968.20
      1.13       .00      5.77       .00      .000      .030      .000      .000    952.80   9434.55
   .000863      105.      105.      105.         2        14         0       .00   1135.18  10569.73


FLOW DISTRIBUTION FOR SECNO=      3.83          CWSEL=    961.41

STA=    9435.   10577.
  PER Q=    100.0
   AREA=   9009.5
    VEL=      5.8
  DEPTH=      7.9

*SECNO 3.930
     3.930      8.34    961.84    958.22       .00    962.42       .58       .47       .02    969.10
   52000.0        .0   52000.0        .0        .0    8516.8        .0    5558.0    1735.3    970.60
      1.15       .00      6.11       .00      .000      .030      .000      .000    953.50   9453.42
   .001012      500.      500.      500.         2        11         0       .00   1112.22  10565.64


FLOW DISTRIBUTION FOR SECNO=      3.93          CWSEL=    961.84

STA=    9453.   10577.
  PER Q=    100.0
   AREA=   8516.8
    VEL=      6.1
  DEPTH=      7.7

*SECNO 4.020
     4.020      8.46    962.36    958.33       .00    962.88       .52       .46       .01    971.50
   52000.0        .0   52000.0        .0        .0    8964.7        .0    5658.3    1748.1    970.60
      1.18       .00      5.80       .00      .000      .030      .000      .000    953.90   9452.83
   .000853      500.      500.      500.         2        11         0       .00   1112.03  10564.85


FLOW DISTRIBUTION FOR SECNO=      4.02          CWSEL=    962.36

STA=    9453.   10577.
  PER Q=    100.0
   AREA=   8964.7
    VEL=      5.8
  DEPTH=      8.1
```

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4.040

3265 DIVIDED FLOW

4.040	7.83	962.33	959.07	.00	963.05	.72	.10	.06	972.20
52000.0	.0	52000.0	.0	.0	7639.5	.0	5677.3	1750.5	971.10
1.18	.00	6.81	.00	.000	.030	.000	.000	954.50	9461.15
.001296	100.	100.	100.	2	11	0	.00	1013.61	10572.37

FLOW DISTRIBUTION FOR SECNO= 4.04 CWSEL= 962.33

STA= 9461. 10582.
PER Q= 100.0
AREA= 7639.5
VEL= 6.8
DEPTH= 7.5

*SECNO 4.060

4.060	7.71	962.61	959.08	.00	963.20	.59	.14	.01	973.40
52000.0	.0	52000.0	.0	.0	8413.9	.0	5699.5	1753.5	971.60
1.19	.00	6.18	.00	.000	.030	.000	.000	954.90	9454.74
.001055	120.	120.	120.	2	11	0	.00	1112.42	10567.17

FLOW DISTRIBUTION FOR SECNO= 4.06 CWSEL= 962.61

STA= 9455. 10578.
PER Q= 100.0
AREA= 8413.9
VEL= 6.2
DEPTH= 7.6

*SECNO 4.092

4.092	7.58	962.78	959.31	.00	963.38	.60	.18	.00	973.30
52000.0	.0	52000.0	.0	.0	8360.5	.0	5732.2	1757.8	973.00
1.19	.00	6.22	.00	.000	.030	.000	.000	955.20	9454.53
.001077	170.	170.	170.	2	11	0	.00	1111.99	10566.52

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 4.09 CWSEL= 962.78

STA= 9455. 10578.
PER Q= 100.0
AREA= 8360.5
VEL= 6.2
DEPTH= 7.5

*SECNO 4.094

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

4.094	4.11	962.61	962.61	.00	964.67	2.06	.02	.44	973.30
52000.0	.0	52000.0	.0	.0	4513.5	.0	5733.7	1758.0	973.00
1.19	.00	11.52	.00	.000	.030	.000	.000	958.50	9458.06
.008315	10.	10.	10.	0	11	0	.00	1105.60	10563.66

FLOW DISTRIBUTION FOR SECNO= 4.09 CWSEL= 962.61

STA= 9458. 10578.
PER Q= 100.0
AREA= 4513.5
VEL= 11.5
DEPTH= 4.1

*SECNO 4.160

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.40

4.160	7.84	965.04	962.20	.00	965.75	.71	.95	.13	973.60
52000.0	.0	52000.0	.0	.0	7669.2	.0	5779.8	1766.5	974.30
1.21	.00	6.78	.00	.000	.030	.000	.000	957.20	9461.40
.001447	330.	330.	330.	2	11	0	.00	1120.20	10581.59

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 4.16 CWSEL= 965.04

STA= 9461. 10600.
PER Q= 100.0
AREA= 7669.2
VEL= 6.8
DEPTH= 6.8

*SECNO 4.260

4.260	8.75	965.75	963.02	.00	966.50	.74	.73	.01	975.70
52000.0	.0	52000.0	.0	.0	7530.4	.0	5866.2	1779.2	974.40
1.23	.00	6.91	.00	.000	.030	.000	.000	957.00	9427.01
.001523	495.	495.	495.	3	15	0	.00	1113.03	10540.04

FLOW DISTRIBUTION FOR SECNO= 4.26 CWSEL= 965.75

STA= 9427. 10556.
PER Q= 100.0
AREA= 7530.4
VEL= 6.9
DEPTH= 6.8

*SECNO 4.270

3265 DIVIDED FLOW

4.270	8.78	965.88	962.95	.00	966.66	.78	.15	.01	974.90
52000.0	.0	52000.0	.0	.0	7317.4	.0	5883.2	1781.6	974.40
1.23	.00	7.11	.00	.000	.030	.000	.000	957.10	9458.96
.001499	100.	100.	100.	2	14	0	.00	1016.78	10573.50

FLOW DISTRIBUTION FOR SECNO= 4.27 CWSEL= 965.88

STA= 9459. 10588.
PER Q= 100.0
AREA= 7317.4
VEL= 7.1
DEPTH= 7.2

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4.300

4.300	8.59	966.19	962.92	.00	966.83	.64	.15	.01	974.80
52000.0	.0	52000.0	.0	.0	8127.6	.0	5903.6	1784.4	974.90
1.24	.00	6.40	.00	.000	.030	.000	.000	957.60	9467.63
.001183	115.	115.	115.	2	14	0	.00	1113.12	10580.75

FLOW DISTRIBUTION FOR SECNO= 4.30 CWSEL= 966.19

STA= 9468. 10594.
PER Q= 100.0
AREA= 8127.6
VEL= 6.4
DEPTH= 7.3

*SECNO 4.390

4.390	9.17	966.77	963.29	.00	967.37	.60	.54	.00	976.10
52000.0	.0	52000.0	.0	.0	8391.0	.0	5994.6	1796.7	976.20
1.26	.00	6.20	.00	.000	.030	.000	.000	957.60	9452.43
.001071	515.	480.	445.	2	14	0	.00	1119.10	10571.53

FLOW DISTRIBUTION FOR SECNO= 4.39 CWSEL= 966.77

STA= 9452. 10590.
PER Q= 100.0
AREA= 8391.0
VEL= 6.2
DEPTH= 7.5

*SECNO 4.480

4.480	9.53	967.33	963.38	.00	967.86	.53	.48	.01	978.30
52000.0	.0	52000.0	.0	.0	8893.5	.0	6093.8	1809.6	975.70
1.28	.00	5.85	.00	.000	.030	.000	.000	957.80	9451.96
.000881	535.	500.	465.	0	14	0	.00	1118.08	10570.05

FLOW DISTRIBUTION FOR SECNO= 4.48 CWSEL= 967.33

STA= 9452. 10586.
PER Q= 100.0
AREA= 8893.5
VEL= 5.8
DEPTH= 8.0

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 4.500

3265 DIVIDED FLOW

     4.500      9.58    967.38    963.38       .00    967.98       .60       .10       .02    978.40
   52000.0        .0   52000.0        .0        .0    8373.8        .0    6115.6    1812.2    975.90
      1.29       .00      6.21       .00      .000      .030      .000      .000    957.80   9453.77
   .000950      110.      110.      110.         2        11         0       .00   1010.03  10565.56


FLOW DISTRIBUTION FOR SECNO=      4.50         CWSEL=    967.38

STA=    9454.   10576.
  PER Q=    100.0
   AREA=   8373.8
    VEL=      6.2
  DEPTH=      8.3

*SECNO 4.520
     4.520      9.57    967.57    963.59       .00    968.10       .53       .11       .01    976.50
   52000.0        .0   52000.0        .0        .0    8872.3        .0    6139.4    1815.2    976.00
      1.29       .00      5.86       .00      .000      .030      .000      .000    958.00   9450.06
   .000877      115.      120.      125.         2        14         0       .00   1106.92  10556.97


FLOW DISTRIBUTION FOR SECNO=      4.52         CWSEL=    967.57

STA=    9450.   10567.
  PER Q=    100.0
   AREA=   8872.3
    VEL=      5.9
  DEPTH=      8.0

*SECNO 4.600
     4.600      9.85    967.95    963.87       .00    968.47       .52       .36       .00    978.90
   52000.0        .0   52000.0        .0        .0    9007.8        .0    6226.6    1826.0    976.90
      1.31       .00      5.77       .00      .000      .030      .000      .000    958.10   9459.72
   .000838      430.      425.      420.         0        14         0       .00   1111.27  10571.00
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


FLOW DISTRIBUTION FOR SECNO=      4.60          CWSEL=    967.95

STA=    9460.   10581.
  PER Q=    100.0
   AREA=   9007.8
    VEL=      5.8
  DEPTH=      8.1

*SECNO 4.700
     4.700      9.26    968.36    964.68       .00    968.93       .57       .45       .02    978.40
   52000.0        .0   52000.0        .0        .0    8579.6        .0    6327.5    1838.7    978.80
      1.34       .00      6.06       .00      .000      .030      .000      .000    959.10   9460.50
   .000983      500.      500.      500.         1        11         0       .00   1107.42  10567.92


FLOW DISTRIBUTION FOR SECNO=      4.70          CWSEL=    968.36

A=    9460.   10579.
  PER Q=    100.0
   AREA=   8579.6
    VEL=      6.1
  DEPTH=      7.7

*SECNO 4.754

3370 NORMAL BRIDGE, NRD=  44 MIN ELTRD=   988.10 MAX ELLC=   988.10


3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=      988.10 ELREA=      981.20

            ******************************
            *****     VAN BUREN     *****
            ***** LOW CHORD = 980.6 *****
            ******************************
     4.754      8.28    968.58    964.65       .00    969.18       .60       .24       .01    988.10
   52000.0        .0   52000.0        .0        .0    8351.9        .0    6371.3    1844.5    981.20
      1.35       .00      6.23       .00      .000      .030      .000      .000    960.30   9438.46
   .001154      150.      225.      310.         0        26         0   -887.65   1123.93  10562.39
```

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 4.75 CWSEL= 968.58

STA= 9438. 10572.
PER Q= 100.0
AREA= 8351.9
VEL= 6.2
DEPTH= 7.4

*SECNO 4.759

3370 NORMAL BRIDGE, NRD= 44 MIN ELTRD= 988.10 MAX ELLC= 988.10

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 988.10 ELREA= 981.20

4.759	8.39	968.69	964.65	.00	969.27	.59	.09	.00	988.10
52000.0	.0	52000.0	.0	.0	8468.2	.0	6386.1	1846.5	981.20
1.35	.00	6.14	.00	.000	.030	.000	.000	960.30	9438.36
.001105	77.	77.	77.	2	26	0	-899.96	1124.12	10562.48

FLOW DISTRIBUTION FOR SECNO= 4.76 CWSEL= 968.69

STA= 9438. 10572.
PER Q= 100.0
AREA= 8468.2
VEL= 6.1
DEPTH= 7.5

*SECNO 4.790

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .70

4.790	7.65	968.75	966.78	.00	969.68	.94	.31	.11	980.20
52000.0	.0	52000.0	.0	.0	6687.1	.0	6420.9	1851.6	980.80
1.36	.00	7.78	.00	.000	.030	.000	.000	961.10	9458.38
.002270	280.	200.	110.	2	19	0	.00	1115.25	10573.63

FLOW DISTRIBUTION FOR SECNO= 4.79 CWSEL= 968.75

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


STA=    9458.   10590.
  PER Q=    100.0
   AREA=   6687.1
    VEL=      7.8
  DEPTH=      6.0

*SECNO 4.890
     4.890      8.09    969.89    967.58       .00    970.68       .79       .99       .01    982.30
   52000.0        .0   52000.0        .0        .0    7273.2        .0    6498.6    1864.3    982.00
      1.38       .00      7.15       .00      .000      .030      .000      .000    961.80   9396.01
   .001829      455.      485.      510.         2        19         0       .00   1169.84  10565.86


FLOW DISTRIBUTION FOR SECNO=      4.89         CWSEL=    969.89

STA=    9396.   10582.
  PER Q=    100.0
   AREA=   7273.2
    VEL=      7.1
  DEPTH=      6.2

*SECNO 4.980
     4.980      8.08    970.88    968.06       .00    971.50       .62       .80       .02    983.50
   52000.0        .0   52000.0        .0        .0    8198.0        .0    6590.1    1878.6    985.30
      1.40       .00      6.34       .00      .000      .030      .000      .000    962.80   9362.94
   .001342      515.      515.      520.         2        14         0       .00   1250.71  10613.65


FLOW DISTRIBUTION FOR SECNO=      4.98         CWSEL=    970.88

STA=    9363.   10630.
  PER Q=    100.0
   AREA=   8198.0
    VEL=      6.3
  DEPTH=      6.6

*SECNO 5.000

3265 DIVIDED FLOW
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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST

    5.000      7.58    970.98    968.00       .00    971.63       .65       .12       .01    983.30
  52000.0        .0   52000.0       .0        .0    8052.6        .0    6606.5    1881.1    985.70
     1.40       .00      6.46       .00      .000      .030      .000      .000    963.40   9358.10
  .001310       90.       88.       85.         2        11         0       .00   1169.86  10622.12

FLOW DISTRIBUTION FOR SECNO=      5.00          CWSEL=    970.98

STA=    9358.   10638.
  PER Q=    100.0
   AREA=   8052.6
    VEL=      6.5
  DEPTH=      6.9

*SECNO 5.020
    5.020      7.00    971.10    968.63       .00    971.78       .67       .14       .01    983.20
  52000.0        .0   52000.0       .0        .0    7891.3        .0    6624.8    1883.9    985.00
     1.41       .00      6.59       .00      .000      .030      .000      .000    964.10   9355.88
  .001574      100.      100.      100.         0        14         0       .00   1281.89  10637.77

FLOW DISTRIBUTION FOR SECNO=      5.02          CWSEL=    971.10

STA=    9356.   10657.
  PER Q=    100.0
   AREA=   7891.3
    VEL=      6.6
  DEPTH=      6.2

*SECNO 5.100
    5.100      6.58    971.78    970.21       .00    972.66       .88       .82       .06    985.30
  52000.0        .0   52000.0       .0        .0    6891.1        .0    6694.4    1896.3    985.90
     1.42       .00      7.55       .00      .000      .030      .000      .000    965.20   9322.67
  .002635      405.      410.      415.         2        19         0       .00   1344.91  10667.57

FLOW DISTRIBUTION FOR SECNO=      5.10          CWSEL=    971.78

STA=    9323.   10682.
  PER Q=    100.0
   AREA=   6891.1
    VEL=      7.5
  DEPTH=      5.1
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 5.150
     5.150      5.08    972.48    971.86       .00    973.77      1.29       .98       .12    986.00
   52000.0        .0   52000.0        .0        .0    5711.8        .0    6734.2    1904.9    986.00
      1.43       .00      9.10       .00      .000      .030      .000      .000    967.40   9306.95
   .005136      215.      275.      330.         2        19         0       .00   1388.65  10695.61


FLOW DISTRIBUTION FOR SECNO=      5.15          CWSEL=    972.48

STA=    9307.   10713.
  PER Q=    100.0
   AREA=   5711.8
    VEL=      9.1
  DEPTH=      4.1

*SECNO 5.201
     5.201      4.81    973.91    972.62       .00    974.85       .94      1.05       .03    987.00
   52000.0        .0   52000.0        .0        .0    6680.4        .0    6772.6    1913.5    987.00
      1.44       .00      7.78       .00      .000      .030      .000      .000    969.10   9304.89
   .003061      180.      270.      360.         2        19         0       .00   1392.04  10696.92


FLOW DISTRIBUTION FOR SECNO=      5.20          CWSEL=    973.91

STA=    9305.   10713.
  PER Q=    100.0
   AREA=   6680.4
    VEL=      7.8
  DEPTH=      4.8

*SECNO 5.203

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
     5.203      3.52    973.52    973.52       .00    975.29      1.77       .05       .25    987.00
   52000.0        .0   52000.0        .0        .0    4876.1        .0    6773.9    1913.8    987.00
      1.44       .00     10.66       .00      .000      .030      .000      .000    970.00   9306.07
   .008712       10.       10.       10.         0        15         0       .00   1389.49  10695.56
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 5.20 CWSEL= 973.52

STA= 9306. 10713.
PER Q= 100.0
AREA= 4876.1
VEL= 10.7
DEPTH= 3.5

*SECNO 5.250

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

5.250	5.43	975.63	974.67	.00	976.73	1.10	1.38	.07	987.90
52000.0	.0	52000.0	.0	.0	6165.1	.0	6804.9	1921.6	996.10
1.45	.00	8.43	.00	.000	.030	.000	.000	970.20	9308.63
.003940	265.	245.	220.	1	11	0	.00	1377.96	10686.59

FLOW DISTRIBUTION FOR SECNO= 5.25 CWSEL= 975.63

STA= 9309. 10735.
PER Q= 100.0
AREA= 6165.1
VEL= 8.4
DEPTH= 4.5

*SECNO 5.270

3265 DIVIDED FLOW

5.270	5.33	976.03	975.21	.00	977.31	1.28	.53	.05	987.20
52000.0	.0	52000.0	.0	.0	5734.1	.0	6822.0	1925.4	989.00
1.45	.00	9.07	.00	.000	.030	.000	.000	970.70	9329.95
.004504	125.	125.	125.	2	15	0	.00	1266.62	10659.78

FLOW DISTRIBUTION FOR SECNO= 5.27 CWSEL= 976.03

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA= 9330. 10676.
PER Q= 100.0
AREA= 5734.1
VEL= 9.1
DEPTH= 4.5

*SECNO 5.290

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

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*****************************
***** I-10 EAST BOUND *****
***** LOW CHORD = 986.4 *****
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5.290	5.45	976.95	975.19	.00	977.80	.85	.44	.04	986.40
52000.0	.0	52000.0	.0	.0	7030.2	.0	6840.3	1929.2	997.70
1.46	.00	7.40	.00	.000	.030	.000	.000	971.50	9267.73
.002866	115.	125.	150.	2	21	0	-479.02	1385.94	10653.67

FLOW DISTRIBUTION FOR SECNO= 5.29 CWSEL= 976.95

STA= 9268. 10672.
PER Q= 100.0
AREA= 7030.2
VEL= 7.4
DEPTH= 5.1

*SECNO 5.305

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

5.305	5.68	977.18	975.19	.00	977.96	.78	.16	.01	986.40
52000.0	.0	52000.0	.0	.0	7315.0	.0	6850.2	1931.1	997.70
1.46	.00	7.11	.00	.000	.030	.000	.000	971.50	9267.33
.002531	60.	60.	60.	1	21	0	-498.43	1386.66	10653.99

FLOW DISTRIBUTION FOR SECNO= 5.30 CWSEL= 977.18

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA= 9267. 10672.
PER Q= 100.0
AREA= 7315.0
VEL= 7.1
DEPTH= 5.3

*SECNO 5.317

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

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*****************************
***** I-10 WEST BOUND *****
***** LOW CHORD = 986.4 *****
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5.317	5.58	977.28	975.51	.00	978.17	.89	.18	.03	986.40
54400.0	.0	54400.0	.0	.0	7201.5	.0	6861.0	1933.2	997.70
1.46	.00	7.55	.00	.000	.030	.000	.000	971.70	9267.36
.002909	65.	65.	65.	2	21	0	-490.71	1386.60	10653.96

FLOW DISTRIBUTION FOR SECNO= 5.32 CWSEL= 977.28

STA= 9267. 10672.
PER Q= 100.0
AREA= 7201.5
VEL= 7.6
DEPTH= 5.2

*SECNO 5.328

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

5.328	5.83	977.53	975.51	.00	978.34	.81	.16	.01	986.40
54400.0	.0	54400.0	.0	.0	7517.6	.0	6871.2	1935.1	997.70
1.46	.00	7.24	.00	.000	.030	.000	.000	971.70	9266.91
.002543	60.	60.	60.	2	21	0	-512.25	1387.41	10654.33

FLOW DISTRIBUTION FOR SECNO= 5.33 CWSEL= 977.53

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


STA=    9267.   10672.
  PER Q=    100.0
   AREA=   7517.6
    VEL=      7.2
  DEPTH=      5.4

*SECNO 5.380
     5.380      6.76    978.16    976.59       .00    979.12       .96       .73       .04    987.70
   54400.0        .0   54400.0        .0        .0    6919.5        .0    6917.6    1943.7    988.40
      1.47       .00      7.86       .00      .000      .030      .000      .000    971.40   9351.35
   .002700      120.      280.      460.         2        11         0       .00   1292.39  10643.74


FLOW DISTRIBUTION FOR SECNO=      5.38          CWSEL=    978.16

STA=    9351.   10656.
  PER Q=    100.0
   AREA=   6919.5
    VEL=      7.9
  DEPTH=      5.4

*SECNO 5.480

3470 ENCROACHMENT STATIONS=     9310.0   10594.0  TYPE=      1  TARGET=     1284.000
     5.480      6.85    979.55    977.34       .00    980.35       .80      1.21       .02    973.20
   54400.0     254.1   54145.9        .0      63.5    7549.4        .0    7007.4    1959.5    988.80
      1.49      4.00      7.17       .00      .040      .030      .000      .000    972.70   9310.00
   .001902      250.      540.      700.         2        19         0       .00   1256.16  10566.16


FLOW DISTRIBUTION FOR SECNO=      5.48          CWSEL=    979.55

STA=    9310.    9320.   10579.
  PER Q=       .5     99.5
   AREA=     63.5   7549.4
    VEL=      4.0      7.2
  DEPTH=      6.3      6.1

*SECNO 5.510
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9320.0 10584.0 TYPE= 1 TARGET= 1264.000

5.510	6.97	979.67	978.19	.00	980.81	1.14	.36	.10	973.40
54400.0	127.3	54272.7	.0	31.3	6321.7	.0	7031.5	1963.6	990.10
1.50	4.06	8.59	.00	.040	.030	.000	.000	972.70	9320.00
.003057	150.	150.	100.	2	15	0	.00	1138.12	10554.65

FLOW DISTRIBUTION FOR SECNO= 5.51 CWSEL= 979.67

STA=	9320.	9325.	10567.
PER Q=	.2	99.8	
AREA=	31.3	6321.7	
VEL=	4.1	8.6	
DEPTH=	6.3	5.6	

*SECNO 5.540

3470 ENCROACHMENT STATIONS= 9330.0 10562.0 TYPE= 1 TARGET= 1232.000

5.540	7.61	980.21	978.57	.00	981.22	1.01	.40	.01	972.60
54400.0	390.0	54010.0	.0	76.1	6679.3	.0	7052.5	1967.4	988.40
1.50	5.13	8.09	.00	.040	.030	.000	.000	972.60	9330.00
.002703	130.	140.	150.	2	15	0	.00	1209.04	10539.04

FLOW DISTRIBUTION FOR SECNO= 5.54 CWSEL= 980.21

STA=	9330.	9340.	10550.
PER Q=	.7	99.3	
AREA=	76.1	6679.3	
VEL=	5.1	8.1	
DEPTH=	7.6	5.6	

*SECNO 5.650

5.650	8.73	981.63	978.75	.00	982.37	.74	1.12	.03	987.40
54400.0	.0	54400.0	.0	.0	7881.6	.0	7150.0	1982.9	993.20
1.53	.00	6.90	.00	.000	.030	.000	.000	972.90	9419.23
.001457	580.	580.	580.	2	15	0	.00	1126.80	10546.03

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 5.65 CWSEL= 981.63

STA= 9419. 10577.
PER Q= 100.0
AREA= 7881.6
VEL= 6.9
DEPTH= 7.0

*SECNO 5.689

3370 NORMAL BRIDGE, NRD= 40 MIN ELTRD= 996.90 MAX ELLC= 996.80

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*****************************
*****   MCDOWELL ROAD   *****
***** LOW CHORD = 990.8 *****
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5.689	8.22	982.07	978.18	.00	982.66	.59	.27	.01	990.80
54400.0	.0	54400.0	.0	.0	8811.9	.0	7190.2	1988.4	990.80
1.54	.00	6.17	.00	.000	.030	.000	.000	973.85	9385.82
.001135	210.	210.	210.	0	18	0	-550.40	1152.46	10538.28

FLOW DISTRIBUTION FOR SECNO= 5.69 CWSEL= 982.07

STA= 9386. 10553.
PER Q= 100.0
AREA= 8811.9
VEL= 6.2
DEPTH= 7.6

*SECNO 5.700

3370 NORMAL BRIDGE, NRD= 40 MIN ELTRD= 996.90 MAX ELLC= 996.80

5.700	8.29	982.14	978.18	.00	982.73	.58	.07	.00	990.80
54400.0	.0	54400.0	.0	.0	8890.8	.0	7202.4	1990.0	990.80
1.54	.00	6.12	.00	.000	.030	.000	.000	973.85	9385.70
.001103	60.	60.	60.	0	18	0	-555.30	1152.70	10538.40

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 5.70 CWSEL= 982.14

STA= 9386. 10553.
PER Q= 100.0
AREA= 8890.8
VEL= 6.1
DEPTH= 7.7

*SECNO 5.750

5.750	8.74	982.44	979.31	.00	983.13	.70	.37	.04	990.30
54400.0	.0	54400.0	.0	.0	8112.6	.0	7262.9	1998.1	989.20
1.55	.00	6.71	.00	.000	.030	.000	.000	973.70	9452.74
.001312	310.	310.	310.	2	19	0	.00	1119.25	10571.99

FLOW DISTRIBUTION FOR SECNO= 5.75 CWSEL= 982.44

STA= 9453. 10579.
PER Q= 100.0
AREA= 8112.6
VEL= 6.7
DEPTH= 7.2

*SECNO 5.770

5.770	9.12	982.62	979.53	.00	983.33	.70	.19	.00	989.40
54400.0	.0	54400.0	.0	.0	8081.7	.0	7289.9	2001.8	991.10
1.56	.00	6.73	.00	.000	.030	.000	.000	973.50	9435.38
.001336	140.	145.	150.	1	19	0	.00	1123.63	10559.01

FLOW DISTRIBUTION FOR SECNO= 5.77 CWSEL= 982.62

STA= 9435. 10568.
PER Q= 100.0
AREA= 8081.7
VEL= 6.7
DEPTH= 7.2

*SECNO 5.790

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

5.790	8.04	982.64	980.59	.00	983.70	1.06	.27	.11	992.30
54400.0	.0	54400.0	.0	.0	6574.2	.0	7316.0	2005.6	990.20
1.56	.00	8.27	.00	.000	.030	.000	.000	974.60	9443.50
.002340	150.	155.	160.	2	14	0	.00	1015.97	10557.55

FLOW DISTRIBUTION FOR SECNO= 5.79 CWSEL= 982.64

STA= 9443. 10567.
PER Q= 100.0
AREA= 6574.2
VEL= 8.3
DEPTH= 6.5

ECNO 5.810

5.810	8.69	983.29	980.19	.00	984.00	.71	.26	.04	990.80
54400.0	.0	54400.0	.0	.0	8071.5	.0	7341.2	2009.3	991.00
1.57	.00	6.74	.00	.000	.030	.000	.000	974.60	9449.75
.001325	160.	150.	140.	2	19	0	.00	1110.69	10560.44

FLOW DISTRIBUTION FOR SECNO= 5.81 CWSEL= 983.29

STA= 9450. 10570.
PER Q= 100.0
AREA= 8071.5
VEL= 6.7
DEPTH= 7.3

*SECNO 5.900

5.900	8.56	983.96	981.21	.00	984.73	.77	.72	.02	993.00
54400.0	.0	54400.0	.0	.0	7700.7	.0	7431.7	2022.0	991.10
1.59	.00	7.06	.00	.000	.030	.000	.000	975.40	9439.50
.001551	495.	500.	500.	2	14	0	.00	1112.51	10552.01

FLOW DISTRIBUTION FOR SECNO= 5.90 CWSEL= 983.96

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


STA=    9439.   10561.
  PER Q=    100.0
   AREA=   7700.7
    VEL=      7.1
  DEPTH=      6.9

*SECNO 5.990
    5.990      9.23    984.73    981.95       .00    985.51       .78       .77       .00    992.50
  54400.0        .0   54400.0        .0        .0    7700.1        .0    7520.1    2034.8    993.20
     1.61       .00      7.06       .00      .000      .030      .000      .000    975.50   9439.35
  .001545      515.      500.      485.         2        19         0       .00   1109.63  10548.99


FLOW DISTRIBUTION FOR SECNO=      5.99         CWSEL=    984.73

STA=    9439.   10561.
  PER Q=    100.0
   AREA=   7700.1
    VEL=      7.1
  DEPTH=      6.9

*SECNO 6.070
    6.070      8.68    985.38    982.47       .00    986.13       .75       .61       .00    992.70
  54400.0        .0   54400.0        .0        .0    7853.0        .0    7593.3    2045.3    992.40
     1.63       .00      6.93       .00      .000      .030      .000      .000    976.70   9424.20
  .001452      400.      410.      420.         1        14         0       .00   1112.14  10536.34


FLOW DISTRIBUTION FOR SECNO=      6.07         CWSEL=    985.38

STA=    9424.   10545.
  PER Q=    100.0
   AREA=   7853.0
    VEL=      6.9
  DEPTH=      7.1

*SECNO 6.160
    6.160      7.01    986.11    983.45       .00    986.90       .79       .76       .01    994.00
  54400.0        .0   54400.0        .0        .0    7628.8        .0    7682.1    2058.0    993.20
     1.64       .00      7.13       .00      .000      .030      .000      .000    979.10   9428.99
  .001605      500.      500.      500.         1         8         0       .00   1114.84  10543.83
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 6.16 CWSEL= 986.11

STA= 9429. 10553.
PER Q= 100.0
AREA= 7628.8
VEL= 7.1
DEPTH= 6.8

*SECNO 6.260

6.260	6.73	986.93	985.00	.00	987.92	.99	.96	.06	994.10
54400.0	.0	54400.0	.0	.0	6805.7	.0	7765.0	2070.8	993.30
1.66	.00	7.99	.00	.000	.030	.000	.000	980.20	9435.08
.002347	510.	500.	495.	2	19	0	.00	1115.70	10550.78

FLOW DISTRIBUTION FOR SECNO= 6.26 CWSEL= 986.93

STA= 9435. 10559.
PER Q= 100.0
AREA= 6805.7
VEL= 8.0
DEPTH= 6.1

*SECNO 6.350

6.350	7.60	988.10	985.86	.00	989.02	.92	1.09	.01	996.30
54400.0	.0	54400.0	.0	.0	7056.9	.0	7844.5	2083.5	996.30
1.68	.00	7.71	.00	.000	.030	.000	.000	980.50	9455.46
.002032	525.	500.	475.	2	15	0	.00	1094.92	10550.39

FLOW DISTRIBUTION FOR SECNO= 6.35 CWSEL= 988.10

STA= 9455. 10560.
PER Q= 100.0
AREA= 7056.9
VEL= 7.7
DEPTH= 6.4

*SECNO 6.430

6.430	8.00	989.00	987.47	.00	990.20	1.20	1.09	.08	996.50
54400.0	.0	54400.0	.0	.0	6187.8	.0	7912.2	2094.6	996.10
1.69	.00	8.79	.00	.000	.030	.000	.000	981.00	9461.07
.003037	510.	445.	380.	2	15	0	.00	1066.53	10527.60

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 6.43 CWSEL= 989.00

STA= 9461. 10537.
PER Q= 100.0
AREA= 6187.8
VEL= 8.8
DEPTH= 5.8

*SECNO 6.520

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.56

6.520	8.88	990.38	987.11	.00	991.06	.69	.81	.05	997.60
54400.0	.0	54400.0	.0	.0	8177.3	.0	7984.7	2105.5	997.60
1.71	.00	6.65	.00	.000	.030	.000	.000	981.50	9469.62
.001245	510.	440.	370.	2	19	0	.00	1095.24	10564.86

FLOW DISTRIBUTION FOR SECNO= 6.52 CWSEL= 990.38

STA= 9470. 10571.
PER Q= 100.0
AREA= 8177.3
VEL= 6.7
DEPTH= 7.5

*SECNO 6.540

3265 DIVIDED FLOW

6.540	7.87	990.27	988.10	.00	991.32	1.04	.15	.11	997.90
54400.0	.0	54400.0	.0	.0	6634.2	.0	8000.0	2107.6	997.50
1.72	.00	8.20	.00	.000	.030	.000	.000	982.40	9473.14
.002223	100.	90.	75.	2	14	0	.00	1001.00	10572.97

FLOW DISTRIBUTION FOR SECNO= 6.54 CWSEL= 990.27

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

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STA=    9473.   10583.
  PER Q=    100.0
   AREA=   6634.2
    VEL=      8.2
  DEPTH=      6.6

*SECNO 6.560
     6.560      8.69    990.79    987.82       .00    991.52       .74       .17       .03    998.10
   54400.0        .0   54400.0        .0        .0    7905.9        .0    8016.7    2110.1    997.70
      1.72       .00      6.88       .00      .000      .030      .000      .000    982.10   9473.24
   .001412      115.      100.       85.         2        19         0       .00   1107.89  10581.13


FLOW DISTRIBUTION FOR SECNO=      6.56          CWSEL=    990.79

STA=    9473.   10591.
  PER Q=    100.0
   AREA=   7905.9
    VEL=      6.9
  DEPTH=      7.1

*SECNO 6.590
     6.590      9.31    991.11    987.44       .00    991.72       .61       .18       .01    998.50
   54400.0        .0   54400.0        .0        .0    8703.7        .0    8045.3    2113.9    998.00
      1.73       .00      6.25       .00      .000      .030      .000      .000    981.80   9462.66
   .001031      165.      150.      155.         2        14         0       .00   1112.03  10574.69


FLOW DISTRIBUTION FOR SECNO=      6.59          CWSEL=    991.11

STA=    9463.   10584.
  PER Q=    100.0
   AREA=   8703.7
    VEL=      6.3
  DEPTH=      7.8

*SECNO 6.610

3265 DIVIDED FLOW
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   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS      L-BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA        R-BANK ELEV
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN      SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID     ENDST


    6.610      9.24     991.04     988.47       .00     991.94       .90       .14        .09     998.80
  54400.0       .0    54400.0        .0        .0     7156.5        .0    8063.5     2116.4     998.20
     1.73      .00       7.60       .00      .000       .030      .000      .000     981.80    9448.77
  .001885     115.       100.       85.         2         16         0       .00    1066.40   10562.54


FLOW DISTRIBUTION FOR SECNO=      6.61          CWSEL=    991.04

STA=    9449.   10570.
  PER Q=    100.0
   AREA=   7156.5
    VEL=      7.6
  DEPTH=      6.7

*SECNO 6.640
    6.640      9.10     991.50     988.30       .00     992.19       .69       .23        .02     999.30
  54400.0       .0    54400.0        .0        .0     8182.3        .0    8089.9     2120.1     998.40
     1.74      .00       6.65       .00      .000       .030      .000      .000     982.40    9454.60
  .001266     165.       150.      135.         2         14         0       .00    1112.14   10566.75


FLOW DISTRIBUTION FOR SECNO=      6.64          CWSEL=    991.50

STA=    9455.   10575.
  PER Q=    100.0
   AREA=   8182.3
    VEL=      6.6
  DEPTH=      7.4

*SECNO 6.660
    6.660      9.40     991.60     989.01       .00     992.43       .83       .20        .04     999.60
  54400.0       .0    54400.0        .0        .0     7434.5        .0    8114.1     2123.6     999.00
     1.74      .00       7.32       .00      .000       .030      .000      .000     982.20    9476.36
  .001746     150.       135.      120.         2         19         0       .00    1112.30   10588.65


FLOW DISTRIBUTION FOR SECNO=      6.66          CWSEL=    991.60

STA=    9476.   10599.
  PER Q=    100.0
   AREA=   7434.5
    VEL=      7.3
  DEPTH=      6.7
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6.690

6.690	9.78	991.98	988.54	.00	992.63	.65	.17	.02	1000.00
54400.0	.0	54400.0	.0	.0	8436.5	.0	8136.9	2126.8	998.80
1.75	.00	6.45	.00	.000	.030	.000	.000	982.20	9462.53
.001144	145.	125.	100.	2	19	0	.00	1112.59	10575.13

FLOW DISTRIBUTION FOR SECNO= 6.69 CWSEL= 991.98

STA= 9463. 10585.
PER Q= 100.0
AREA= 8436.5
VEL= 6.4
DEPTH= 7.6

*SECNO 6.710

5 DIVIDED FLOW

6.710	10.61	992.11	988.17	.00	992.76	.65	.14	.00	1000.30
54400.0	.0	54400.0	.0	.0	8414.0	.0	8161.1	2129.8	999.10
1.75	.00	6.47	.00	.000	.030	.000	.000	981.50	9463.26
.001026	130.	125.	115.	2	19	0	.00	1013.34	10574.14

FLOW DISTRIBUTION FOR SECNO= 6.71 CWSEL= 992.11

STA= 9463. 10585.
PER Q= 100.0
AREA= 8414.0
VEL= 6.5
DEPTH= 8.3

*SECNO 6.730

6.730	9.90	992.30	988.46	.00	992.88	.58	.11	.01	1000.50
54400.0	.0	54400.0	.0	.0	8908.1	.0	8183.0	2132.5	999.30
1.76	.00	6.11	.00	.000	.030	.000	.000	982.40	9461.58
.000954	110.	110.	110.	2	11	0	.00	1112.35	10573.93

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 6.73 CWSEL= 992.30

STA= 9462. 10584.
PER Q= 100.0
AREA= 8908.1
VEL= 6.1
DEPTH= 8.0

*SECNO 6.770

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .39

6.770	6.78	991.88	991.55	.00	993.71	1.83	.46	.38	1002.10
54400.0	.0	54400.0	.0	.0	5009.6	.0	8219.7	2138.4	1001.40
1.76	.00	10.86	.00	.000	.030	.000	.000	985.10	9457.39
.006409	215.	230.	245.	3	14	0	.00	1102.91	10560.30

FLOW DISTRIBUTION FOR SECNO= 6.77 CWSEL= 991.88

STA= 9457. 10574.
PER Q= 100.0
AREA= 5009.6
VEL= 10.9
DEPTH= 4.5

*SECNO 6.790

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

6.790	8.63	992.93	991.50	.00	994.26	1.33	.49	.05	1002.90
54400.0	.0	54400.0	.0	.0	5885.7	.0	8233.5	2141.0	1002.20
1.77	.00	9.24	.00	.000	.030	.000	.000	984.30	9456.73
.003311	110.	110.	110.	3	8	0	.00	1001.19	10561.16

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


FLOW DISTRIBUTION FOR SECNO=      6.79          CWSEL=    992.93

STA=    9457.   10573.
  PER Q=    100.0
   AREA=   5885.7
    VEL=      9.2
  DEPTH=      5.9

*SECNO 6.820
     6.820      8.93    993.73    991.24       .00    994.58       .85       .27       .05   1002.70
   54400.0        .0   54400.0        .0        .0    7358.7        .0    8250.9    2143.8   1001.00
      1.77       .00      7.39       .00      .000      .030      .000      .000    984.80   9457.95
   .001788      115.      115.      115.         2        19         0       .00   1106.10  10564.05


FLOW DISTRIBUTION FOR SECNO=      6.82          CWSEL=    993.73

STA=    9458.   10573.
  PER Q=    100.0
   AREA=   7358.7
    VEL=      7.4
  DEPTH=      6.7

*SECNO 6.890

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .54

     6.890      4.78    994.18    993.79       .00    995.96      1.79      1.11       .28   1004.20
   54400.0        .0   54400.0        .0        .0    5071.2        .0    8303.0    2153.1   1002.70
      1.78       .00     10.73       .00      .000      .030      .000      .000    989.40   9454.42
   .006210      365.      365.      365.         3         8         0       .00   1110.40  10564.82


FLOW DISTRIBUTION FOR SECNO=      6.89          CWSEL=    994.18

STA=    9454.   10577.
  PER Q=    100.0
   AREA=   5071.2
    VEL=     10.7
  DEPTH=      4.6
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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 6.910

3265 DIVIDED FLOW

    6.910      5.31    994.81    994.32       .00    996.62      1.81       .65       .01   1002.80
  54400.0        .0   54400.0       .0        .0    5036.9        .0    8315.8    2155.8   1002.70
     1.78       .00     10.80       .00      .000      .030      .000      .000    989.50   9443.21
  .005685      105.      110.      115.         2         5         0       .00   1018.43  10568.00


FLOW DISTRIBUTION FOR SECNO=      6.91          CWSEL=    994.81

STA=    9443.   10579.
  PER Q=    100.0
   AREA=   5036.9
    VEL=     10.8
  DEPTH=      4.9

*SECNO 6.930

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.58

    6.930      6.21    996.11    994.12       .00    997.07       .96       .36       .09   1004.80
  54400.0        .0   54400.0       .0        .0    6915.7        .0    8330.2    2158.4   1003.90
     1.79       .00      7.87       .00      .000      .030      .000      .000    989.90   9432.07
  .002268      105.      105.      105.         3        15         0       .00   1131.93  10564.01


FLOW DISTRIBUTION FOR SECNO=      6.93          CWSEL=    996.11

STA=    9432.   10573.
  PER Q=    100.0
   AREA=   6915.7
    VEL=      7.9
  DEPTH=      6.1

*SECNO 6.970
    6.970      6.23    996.63    994.68       .00    997.59       .96       .52       .00   1004.20
  54400.0        .0   54400.0       .0        .0    6931.4        .0    8366.7    2164.4   1004.60
     1.79       .00      7.85       .00      .000      .030      .000      .000    990.40   9415.89
  .002278      220.      230.      240.         2        14         0       .00   1143.00  10558.89
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 6.97 CWSEL= 996.63

STA= 9416. 10570.
PER Q= 100.0
AREA= 6931.4
VEL= 7.8
DEPTH= 6.1

*SECNO 6.990

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

6.990	6.39	996.59	995.55	.00	998.05	1.46	.31	.15	1003.40
54400.0	.0	54400.0	.0	.0	5603.4	.0	8381.8	2167.0	1003.50
1.80	.00	9.71	.00	.000	.030	.000	.000	990.20	9419.31
.004061	95.	105.	115.	2	15	0	.00	1032.44	10549.14

FLOW DISTRIBUTION FOR SECNO= 6.99 CWSEL= 996.59

STA= 9419. 10559.
PER Q= 100.0
AREA= 5603.4
VEL= 9.7
DEPTH= 5.4

*SECNO 7.020

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.54

7.020	8.51	997.61	995.04	.00	998.43	.82	.31	.06	1004.50
54400.0	.0	54400.0	.0	.0	7493.2	.0	8400.6	2170.1	1004.00
1.80	.00	7.26	.00	.000	.030	.000	.000	989.10	9444.65
.001702	120.	125.	130.	3	11	0	.00	1115.41	10560.07

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 7.02 CWSEL= 997.61

STA= 9445. 10570.
PER Q= 100.0
AREA= 7493.2
VEL= 7.3
DEPTH= 6.7

*SECNO 7.060

7.060	8.36	997.96	995.68	.00	998.88	.91	.41	.03	1006.00
54400.0	.0	54400.0	.0	.0	7090.4	.0	8438.3	2175.8	1004.80
1.81	.00	7.67	.00	.000	.030	.000	.000	989.60	9457.82
.001990	210.	225.	235.	2	19	0	.00	1092.76	10550.58

FLOW DISTRIBUTION FOR SECNO= 7.06 CWSEL= 997.96

STA= 9458. 10559.
PER Q= 100.0
AREA= 7090.4
VEL= 7.7
DEPTH= 6.5

*SECNO 7.080

3265 DIVIDED FLOW

7.080	7.58	998.08	996.04	.00	999.17	1.09	.24	.05	1006.60
54400.0	.0	54400.0	.0	.0	6502.9	.0	8455.5	2178.4	1005.60
1.81	.00	8.37	.00	.000	.030	.000	.000	990.50	9466.81
.002371	110.	110.	110.	2	14	0	.00	998.41	10554.88

FLOW DISTRIBUTION FOR SECNO= 7.08 CWSEL= 998.08

STA= 9467. 10563.
PER Q= 100.0
AREA= 6502.9
VEL= 8.4
DEPTH= 6.5

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 7.100
     7.100      7.45    998.35    996.82       .00    999.52      1.18       .33       .03   1006.30
   54400.0        .0   54400.0        .0        .0    6250.8        .0    8473.8    2181.4   1006.10
      1.82       .00      8.70       .00      .000      .030      .000      .000    990.90   9451.71
   .002994      125.      125.      125.         0        15         0       .00   1082.37  10534.08


FLOW DISTRIBUTION FOR SECNO=      7.10          CWSEL=    998.35

STA=    9452.   10543.
  PER Q=    100.0
   AREA=   6250.8
    VEL=      8.7
  DEPTH=      5.8

*SECNO 7.200

 2 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.45

     7.200      9.10    999.80    996.77       .00   1000.56       .76       .99       .04   1006.90
   54400.0        .0   54400.0        .0        .0    7770.1        .0    8554.2    2193.7   1007.20
      1.84       .00      7.00       .00      .000      .030      .000      .000    990.70   9482.05
   .001417      515.      500.      490.         2        15         0       .00   1063.27  10545.31


FLOW DISTRIBUTION FOR SECNO=      7.20          CWSEL=    999.80

STA=    9482.   10558.
  PER Q=    100.0
   AREA=   7770.1
    VEL=      7.0
  DEPTH=      7.3

*SECNO 7.290
     7.290      7.28   1000.48    998.55       .00   1001.57      1.08       .91       .10   1008.90
   54400.0        .0   54400.0        .0        .0    6508.4        .0    8636.2    2205.7   1009.10
      1.85       .00      8.36       .00      .000      .030      .000      .000    993.20   9483.22
   .002423      490.      500.      510.         2        11         0       .00   1022.39  10505.61
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 7.29 CWSEL= 1000.48

STA= 9483. 10529.
PER Q= 100.0
AREA= 6508.4
VEL= 8.4
DEPTH= 6.4

*SECNO 7.390

7.390	7.89	1001.69	999.05	.00	1002.60	.91	1.02	.02	1008.80
54400.0	.0	54400.0	.0	.0	7105.8	.0	8713.5	2217.2	1009.90
1.87	.00	7.66	.00	.000	.030	.000	.000	993.80	9507.39
.001762	500.	495.	495.	2	19	0	.00	1002.00	10509.40

FLOW DISTRIBUTION FOR SECNO= 7.39 CWSEL= 1001.69

STA= 9507. 10536.
PER Q= 100.0
AREA= 7105.8
VEL= 7.7
DEPTH= 7.1

*SECNO 7.490

7.490	7.39	1002.59	1000.13	.00	1003.57	.98	.95	.02	1009.50
54400.0	.0	54400.0	.0	.0	6846.1	.0	8796.0	2228.9	1010.90
1.89	.00	7.95	.00	.000	.030	.000	.000	995.20	9517.21
.001936	575.	515.	515.	2	14	0	.00	979.92	10497.13

FLOW DISTRIBUTION FOR SECNO= 7.49 CWSEL= 1002.59

STA= 9517. 10525.
PER Q= 100.0
AREA= 6846.1
VEL= 7.9
DEPTH= 7.0

*SECNO 7.580

7.580	8.15	1003.55	1000.36	.00	1004.38	.83	.79	.02	1010.30
54400.0	.0	54400.0	.0	.0	7454.1	.0	8874.8	2239.6	1010.90
1.91	.00	7.30	.00	.000	.030	.000	.000	995.40	9517.08
.001426	540.	480.	405.	2	14	0	.00	965.56	10482.64

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 7.58 CWSEL= 1003.55

STA= 9517. 10529.
PER Q= 100.0
AREA= 7454.1
VEL= 7.3
DEPTH= 7.7

*SECNO 7.670

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.48

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1009.90 ELREA= 1010.10

7.670	10.09	1004.39	999.25	.00	1004.89	.50	.47	.03	1009.90
54400.0	.0	54400.0	.0	.0	9607.4	.0	8974.7	2251.2	1010.10
1.93	.00	5.66	.00	.000	.030	.000	.000	994.30	9521.35
.000653	480.	510.	530.	1	14	0	.00	1010.05	10531.40

FLOW DISTRIBUTION FOR SECNO= 7.67 CWSEL= 1004.39

STA= 9521. 10552.
PER Q= 100.0
AREA= 9607.4
VEL= 5.7
DEPTH= 9.5

*SECNO 7.770

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1010.50 ELREA= 1010.90

7.770	8.58	1004.68	1001.05	.00	1005.37	.68	.42	.06	1010.50
54400.0	.0	54400.0	.0	.0	8203.9	.0	9076.9	2262.9	1010.90
1.96	.00	6.63	.00	.000	.030	.000	.000	996.10	9499.02
.001134	510.	500.	500.	2	8	0	.00	1031.78	10530.80

FLOW DISTRIBUTION FOR SECNO= 7.77 CWSEL= 1004.68

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

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STA=    9499.   10556.
  PER Q=    100.0
   AREA=   8203.9
    VEL=      6.6
  DEPTH=      8.0

*SECNO 7.870

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=      1010.50 ELREA=      1013.10

     7.870      7.88   1005.28   1002.02       .00   1005.96       .68       .59       .00   1010.50
   54400.0        .0   54400.0        .0        .0    8245.7        .0    9171.3    2275.2   1013.10
      1.98       .00      6.60       .00      .000      .030      .000      .000    997.40   9460.36
   .001234      650.      500.      410.         2        11         0       .00   1113.52  10573.88


FLOW DISTRIBUTION FOR SECNO=      7.87          CWSEL=   1005.28

STA=    9460.   10589.
  PER Q=    100.0
   AREA=   8245.7
    VEL=      6.6
  DEPTH=      7.4

*SECNO 7.960

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=      1013.00 ELREA=      1012.40

     7.960      7.37   1005.97   1002.61       .00   1006.50       .53       .53       .01   1013.00
   54400.0        .0   54400.0        .0        .0    9308.8        .0    9266.0    2288.3   1012.40
      2.00       .00      5.84       .00      .000      .030      .000      .000    998.60   9346.52
   .001028      460.      470.      470.         2         8         0       .00   1315.04  10661.56


FLOW DISTRIBUTION FOR SECNO=      7.96          CWSEL=   1005.97

STA=    9347.   10669.
  PER Q=    100.0
   AREA=   9308.8
    VEL=      5.8
  DEPTH=      7.1
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7.990

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1014.90 ELREA= 1014.80

7.990	7.08	1006.18	1002.86	.00	1006.68	.50	.18	.00	1014.90
54400.0	.0	54400.0	.0	.0	9569.4	.0	9303.9	2293.8	1014.80
2.01	.00	5.68	.00	.000	.030	.000	.000	999.10	9318.01
.001003	175.	175.	175.	1	8	0	.00	1385.60	10703.62

FLOW DISTRIBUTION FOR SECNO= 7.99 CWSEL= 1006.18

STA= 9318. 10732.
PER Q= 100.0
AREA= 9569.4
VEL= 5.7
DEPTH= 6.9

CCHV= .300 CEHV= .500
*SECNO 8.000

3370 NORMAL BRIDGE, NRD= 68 MIN ELTRD= 1021.30 MAX ELLC= 1013.30

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*****************************
***** INDIAN SCHOOL ROAD ****
***** LOW CHORD = 1013.3 ****
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8.000	6.98	1006.18	1003.12	.00	1006.80	.62	.06	.06	1013.30
54400.0	.0	54400.0	.0	.0	8640.8	.0	9314.4	2295.4	1013.30
2.01	.00	6.30	.00	.000	.030	.000	.000	999.20	9249.43
.001515	50.	50.	50.	2	18	0	-1471.77	1461.69	10711.12

FLOW DISTRIBUTION FOR SECNO= 8.00 CWSEL= 1006.18

STA= 9249. 10725.
PER Q= 100.0
AREA= 8640.8
VEL= 6.3
DEPTH= 5.9

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 8.010

3370 NORMAL BRIDGE, NRD=  68 MIN ELTRD=  1021.30 MAX ELLC=  1013.30

     8.010      7.13   1006.33   1003.12       .00   1006.92       .59       .11       .01   1013.30
   54400.0        .0   54400.0       .0        .0    8818.5        .0    9329.4    2297.9   1013.30
      2.01       .00      6.17       .00      .000      .030      .000      .000    999.20   9249.15
   .001422       75.       75.       75.         2        18         0  -1501.83   1462.25  10711.40


FLOW DISTRIBUTION FOR SECNO=      8.01          CWSEL=   1006.33

STA=    9249.   10725.
  PER Q=    100.0
   AREA=   8818.5
    VEL=      6.2
  DEPTH=      6.0

CCHV=     .100 CEHV=     .300
*SECNO 8.030

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .70


3470 ENCROACHMENT STATIONS=     9440.0   10904.0  TYPE=      1  TARGET=     1464.000
     8.030      6.99   1006.19   1004.79       .00   1007.12       .93       .10       .10   1009.80
   54400.0        .0   54400.0       .0        .0    7047.5        .0    9338.5    2299.6   1013.00
      2.01       .00      7.72       .00      .000      .030      .000      .000    999.20   9451.49
   .002925       50.       50.       50.         2        15         0       .00   1436.45  10887.94


FLOW DISTRIBUTION FOR SECNO=      8.03          CWSEL=   1006.19

STA=    9451.   10903.
  PER Q=    100.0
   AREA=   7047.5
    VEL=      7.7
  DEPTH=      4.9

*SECNO 8.105
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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     9381.0   10980.0  TYPE=      1  TARGET=     1599.000
     8.105      6.90   1007.40   1005.31       .00   1008.04       .64       .90       .03   1001.80
   54400.0    2509.1   51890.9        .0     516.7    7989.9        .0    9408.8    2313.2   1014.40
      2.03      4.86      6.49       .00      .040      .030      .000      .000   1000.50   9395.59
   .001816      280.      398.      620.         2        19         0       .00   1575.09  10970.68


FLOW DISTRIBUTION FOR SECNO=      8.10          CWSEL=   1007.40

STA=    9396.    9401.    9405.    9414.    9416.    9423.    9433.    9494.   10979.
  PER Q=       .0       .1       .4       .1       .5       .5      2.9     95.4
   AREA=      8.1     14.7     48.7     15.0     47.2     55.6    327.4   7989.9
    VEL=      1.9      3.6      4.8      4.8      5.6      5.1      4.8      6.5
  DEPTH=      1.5      4.2      5.4      6.0      6.7      5.9      5.4      5.4

*SECNO 8.198

3470 ENCROACHMENT STATIONS=     9458.6   10971.1  TYPE=      1  TARGET=     1512.500
     8.198      6.79   1008.29   1006.43       .00   1009.03       .74       .96       .03   1014.90
   54400.0        .0   54400.0        .0        .0    7882.2        .0    9500.6    2330.4   1015.80
      2.05       .00      6.90       .00      .000      .030      .000      .000   1001.50   9470.48
   .002120      420.      490.      620.         2        19         0       .00   1493.30  10963.78


FLOW DISTRIBUTION FOR SECNO=      8.20          CWSEL=   1008.29

STA=    9470.   10971.
  PER Q=    100.0
   AREA=   7882.2
    VEL=      6.9
  DEPTH=      5.3

*SECNO 8.325

3470 ENCROACHMENT STATIONS=     9479.9   11053.1  TYPE=      1  TARGET=     1573.199
     8.325      7.90   1010.00   1008.31       .00   1010.76       .76      1.73       .01   1013.10
   54400.0        .0   51757.3    2642.7        .0    7354.9     435.3    9621.1    2353.8   1004.70
      2.08       .00      7.04      6.07      .000      .035      .040      .000   1002.10   9483.50
   .003204      645.      669.      705.         2        15         0       .00   1556.63  11040.13
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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


FLOW DISTRIBUTION FOR SECNO=      8.32          CWSEL=   1010.00

STA=    9483.   10950.   11032.   11040.
  PER Q=     95.1      4.7       .1
   AREA=   7354.9    416.7     18.5
    VEL=      7.0      6.2      3.4
  DEPTH=      5.0      5.1      2.4

*SECNO 8.433

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9009.5   11000.0  TYPE=      1  TARGET=     1990.500
     8.433      6.98   1011.98   1010.79       .00   1012.96       .97      2.13       .06   1010.00
   54400.0   14139.5   40091.7     168.7    2214.4    4767.2      91.9    9717.8    2374.9   1013.80
      2.10      6.39      8.41      1.84      .040      .035      .040      .000   1005.00   9018.94
   .004476      510.      573.      660.         2        19         0       .00   1666.40  10992.81


FLOW DISTRIBUTION FOR SECNO=      8.43          CWSEL=   1011.98

STA=    9019.    9131.    9195.    9401.    9517.    9583.   10598.   10993.
  PER Q=      8.2      4.7      7.7      3.5      1.9     73.7       .3
   AREA=    591.2    337.5    728.8    356.7    200.1   4767.2     91.9
    VEL=      7.6      7.5      5.8      5.3      5.2      8.4      1.8
  DEPTH=      5.3      5.3      3.5      3.1      3.0      5.1       .2

*SECNO 8.534
3280 CROSS SECTION      8.53 EXTENDED      1.18 FEET


3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=     8509.0   11252.0  TYPE=      1  TARGET=     2743.000
     8.534      6.58   1014.38   1012.87       .00   1014.82       .43      1.80       .05   1013.00
   54400.0   13874.2   28868.7   11657.2    2478.5    5597.1    2222.3    9824.0    2401.0   1012.20
      2.13      5.60      5.16      5.25      .040      .035      .040      .000   1007.80   8512.76
   .002652      540.      531.      525.         2        16         0       .00   2607.48  11120.24
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 8.53 CWSEL= 1014.38

STA=	8513.	8680.	8906.	9054.	9067.	10612.	10766.	11096.	11120.
PER Q=	3.9	17.4	4.0	.2	53.1	3.7	17.2	.5	
AREA=	501.4	1440.1	499.7	37.2	5597.1	488.1	1662.1	72.1	
VEL=	4.2	6.6	4.3	3.6	5.2	4.1	5.6	3.9	
DEPTH=	3.0	6.4	3.4	2.7	3.6	3.2	5.0	2.9	

*SECNO 8.646

3470 ENCROACHMENT STATIONS= 8692.3 11500.0 TYPE= 1 TARGET= 2807.700

8.646	7.95	1015.75	1013.59	.00	1016.14	.39	1.32	.00	1013.00
54400.0	11389.9	33620.8	9389.4	2281.5	6379.9	2374.8	9968.4	2435.9	1014.60
2.16	4.99	5.27	3.95	.040	.035	.040	.000	1007.80	8772.94
.001910	575.	592.	600.	2	15	0	.00	2548.87	11321.82

OW DISTRIBUTION FOR SECNO= 8.65 CWSEL= 1015.75

STA=	8773.	8896.	9024.	9124.	9269.	10601.	11062.	11142.	11288.	11322.
PER Q=	5.3	8.4	4.3	2.9	61.8	6.5	3.6	6.7	.5	
AREA=	517.9	818.5	495.8	449.4	6379.9	1125.7	406.5	749.3	93.4	
VEL=	5.5	5.6	4.8	3.5	5.3	3.1	4.8	4.8	3.2	
DEPTH=	4.2	6.4	5.0	3.1	4.8	2.4	5.0	5.1	2.8	

*SECNO 8.768

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .65

3470 ENCROACHMENT STATIONS= 8182.6 11500.0 TYPE= 1 TARGET= 3317.400

8.768	8.86	1017.26	1016.64	.00	1018.03	.77	1.78	.11	1014.30
54400.0	16261.4	22948.9	15189.7	2564.9	2693.8	3053.2	10109.6	2476.6	1015.80
2.18	6.34	8.52	4.97	.040	.035	.040	.000	1008.40	8182.95
.004499	620.	642.	640.	2	8	0	.00	3037.83	11299.11

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 8.77 CWSEL= 1017.26

STA=	8183.	9187.	9230.	9377.	9575.	9585.	10103.	10461.	10650.	11251.	11299.
PER Q=	3.3	4.2	16.9	5.3	.2	42.2	3.5	3.4	20.8	.3	
AREA=	696.4	269.9	1015.5	558.7	24.3	2693.8	559.7	428.3	2019.5	45.7	
VEL=	2.6	8.5	9.0	5.1	4.7	8.5	3.4	4.3	5.6	3.5	
DEPTH=	.7	6.3	6.9	2.8	2.6	5.2	1.6	2.3	3.4	.9	

*SECNO 8.875

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8600.0 11500.0 TYPE= 1 TARGET= 2900.000

8.875	10.42	1019.52	1018.82	.00	1020.29	.77	2.26	.00	1016.30
54400.0	10454.6	35287.4	8658.1	2356.9	4313.1	2246.6	10219.5	2513.9	1017.30
2.21	4.44	8.18	3.85	.040	.035	.040	.000	1009.10	8600.00
.003660	570.	565.	530.	2	8	0	.00	2837.14	11450.46

FLOW DISTRIBUTION FOR SECNO= 8.88 CWSEL= 1019.52

STA=	8600.	8979.	9417.	9586.	9642.	10399.	10607.	11316.	11450.
PER Q=	5.2	5.3	4.8	3.9	64.9	3.4	11.9	.6	
AREA=	781.4	778.8	494.9	301.9	4313.1	472.5	1648.1	126.1	
VEL=	3.6	3.7	5.2	7.0	8.2	3.9	3.9	2.6	
DEPTH=	2.1	1.8	2.9	5.4	5.7	2.3	2.3	.9	

*SECNO 8.992

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.48

3470 ENCROACHMENT STATIONS= 9300.0 11545.0 TYPE= 1 TARGET= 2245.000

8.992	13.24	1021.34	1018.77	.00	1021.78	.44	1.46	.03	1017.80
54400.0	3186.2	50412.8	801.0	1106.5	9214.0	209.5	10355.3	2548.6	1019.00
2.24	2.88	5.47	3.82	.040	.035	.040	.000	1008.10	9300.00
.001670	660.	620.	470.	2	8	0	.00	2206.57	11513.83

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 FLOW DISTRIBUTION FOR SECNO=      8.99          CWSEL=   1021.34

 STA=    9300.    9666.    9819.   11459.   11514.
   PER Q=      3.2      2.7     92.7      1.5
    AREA=    647.6    458.9   9214.0    209.5
     VEL=      2.7      3.2      5.5      3.8
   DEPTH=      1.8      3.0      5.6      3.8

 *SECNO 9.098

 3470 ENCROACHMENT STATIONS=     9707.9   11720.1  TYPE=      1  TARGET=     2012.199
      9.098     12.32   1022.22   1019.38       .00   1022.64       .42       .85       .00   1015.80
    54400.0     534.9   53804.3      60.9     195.5   10328.2      27.3   10491.3    2574.8   1017.90
       2.27      2.74      5.21      2.23      .040      .035      .040      .000   1009.90   9732.91
    .001386      630.      562.      235.         2        14         0       .00   1825.25  11558.16


 W DISTRIBUTION FOR SECNO=      9.10          CWSEL=   1022.22

 STA=    9733.    9750.    9760.    9773.    9796.    9817.    9821.   11546.   11558.
   PER Q=       .0       .0       .1       .2       .4       .2     98.9       .1
    AREA=      8.9     13.3     21.4     54.4     74.6     23.0  10328.2     27.3
     VEL=      1.0      1.6      1.9      2.5      3.2      3.8      5.2      2.2
   DEPTH=       .5      1.2      1.7      2.4      3.6      5.2      6.0      2.2

 CCHV=     .300 CEHV=     .500
 *SECNO 9.177

 3470 ENCROACHMENT STATIONS=     9836.0   11608.0  TYPE=      1  TARGET=     1772.000
            ******************************
            ***** CAMELBACK ROAD ********
            ***** LOW CHORD = 1027.5 ****
            ******************************
      9.177     12.42   1022.82   1020.28       .00   1023.31       .49       .64       .04   1023.70
    54400.0        .0   54400.0        .0        .0    9687.1        .0   10587.9    2591.6   1024.70
       2.29       .00      5.62       .00      .000      .035      .000      .000   1010.40   9885.95
    .001713      460.      416.      220.         2        14         0       .00   1692.83  11578.78


 FLOW DISTRIBUTION FOR SECNO=      9.18          CWSEL=   1022.82
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA= 9886. 11586.
PER Q= 100.0
AREA= 9687.1
VEL= 5.6
DEPTH= 5.7

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	1650.00	84.00	18351.47	3.00	1016.00	1016.00

*SECNO 9.191
BTCARD, BRIDGE STENCL= 9850.00 STENCR= 11610.00
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1022.78 BRIDGE VELOCITY= 5.06 CALCULATED CHANNEL AREA= 10752.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1023.35	.06	0.	54400.	18351.	25492.	1031.80	1034.20	0.

3470 ENCROACHMENT STATIONS= 9850.0 11610.0 TYPE= 1 TARGET= 1760.000

9.191	12.18	1022.88	.00	.00	1023.35	.47	.04	.00	1032.50
54400.0	.0	54400.0	.0	.0	9899.7	.0	10601.4	2594.0	1032.30
2.29	.00	5.50	.00	.000	.035	.000	.000	1010.70	9888.19
.001584	60.	60.	60.	0	0	0	.00	1685.90	11574.09

FLOW DISTRIBUTION FOR SECNO= 9.19 CWSEL= 1022.88

STA= 9888. 11607.
PER Q= 100.0
AREA= 9899.7
VEL= 5.5
DEPTH= 5.9

*SECNO 9.198
3280 CROSS SECTION 9.20 EXTENDED 5.32 FEET

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     9862.4   11582.2  TYPE=      1  TARGET=     1719.800
     9.198     11.82   1022.92   1020.55       .00   1023.44       .52       .06       .03   1022.50
   54400.0        .1   54399.9        .0        .2    9406.4        .0   10609.0    2595.3   1024.10
      2.29       .43      5.78       .00      .050      .035      .000      .000   1011.10   9884.46
   .001887       34.       34.       34.         2        14         0       .00   1692.50  11576.97


FLOW DISTRIBUTION FOR SECNO=      9.20         CWSEL=   1022.92

STA=    9884.    9886.   11582.
  PER Q=       .0    100.0
   AREA=       .2   9406.4
    VEL=       .4      5.8
  DEPTH=       .2      5.6

*SECNO 9.266

3470 ENCROACHMENT STATIONS=     9439.6   11700.0  TYPE=      1  TARGET=     2260.400
     9.266      9.99   1023.69   1021.32       .00   1024.11       .42       .65       .03   1022.10
   54400.0     976.5   52093.1    1330.4     504.5    9825.6     400.8   10691.9    2611.5   1021.50
      2.31      1.94      5.30      3.32      .050      .035      .050      .000   1013.70   9441.69
   .001723      355.      359.      340.         2        14         0       .00   2258.31  11700.00


FLOW DISTRIBUTION FOR SECNO=      9.27         CWSEL=   1023.69

STA=    9442.    9530.    9576.    9662.    9726.   11607.   11635.   11661.   11700.
  PER Q=       .2       .4       .9       .3     95.8       .5      1.1       .8
   AREA=     89.1    110.8    208.9     95.7   9825.6     99.7    147.6    153.5
    VEL=      1.3      2.2      2.2      1.6      5.3      2.9      4.0      3.0
  DEPTH=      1.0      2.4      2.4      1.5      5.2      3.6      5.8      3.9

CCHV=     .100 CEHV=     .300
*SECNO 9.343

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9408.8   12100.0  TYPE=      1  TARGET=     2691.200
     9.343      9.99   1024.39   1022.12       .00   1024.92       .52       .78       .03   1022.60
   54400.0       7.0   53506.5     886.5       8.6    9132.5     604.9   10787.7    2633.9   1023.70
      2.33       .81      5.86      1.47      .050      .035      .050      .000   1014.40   9496.60
   .002121      400.      407.      420.         2        19         0       .00   2503.80  12100.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 9.34 CWSEL= 1024.39

STA=	9497.	9619.	11377.	12100.
PER Q=	.0	98.4	1.6	
AREA=	8.5	9132.5	604.9	
VEL=	.8	5.9	1.5	
DEPTH=	.1	5.2	.8	

*SECNO 9.435

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8158.2 11839.2 TYPE= 1 TARGET= 3681.000

9.435	10.18	1025.38	1023.14	.00	1025.93	.56	1.01	.01	1025.00
54400.0	113.9	53473.1	813.0	105.2	8857.5	559.4	10894.5	2660.7	1025.80
2.36	1.08	6.04	1.45	.050	.035	.050	.000	1015.20	9363.65
.002055	475.	482.	495.	2	14	0	.00	2307.82	11822.13

FLOW DISTRIBUTION FOR SECNO= 9.44 CWSEL= 1025.38

STA=	9364.	9490.	9549.	11146.	11347.	11396.	11715.	11800.	11817.	11822.
PER Q=	.1	.1	98.3	.2	.1	.8	.4	.1	.0	
AREA=	56.1	49.1	8857.5	57.0	36.3	311.8	124.6	24.8	4.9	
VEL=	1.0	1.2	6.0	1.6	1.1	1.3	1.7	1.7	1.2	
DEPTH=	.4	.8	5.6	.3	.7	1.0	1.5	1.4	.9	

*SECNO 9.519

3470 ENCROACHMENT STATIONS= 9353.8 11803.0 TYPE= 1 TARGET= 2449.200

9.519	10.03	1026.33	1024.44	.00	1026.96	.63	1.00	.02	1025.30
54400.0	315.9	52684.2	1399.9	194.4	8116.8	816.1	10989.9	2685.0	1024.80
2.38	1.63	6.49	1.72	.050	.035	.050	.000	1016.30	9358.27
.002481	450.	446.	445.	1	14	0	.00	2436.07	11794.34

FLOW DISTRIBUTION FOR SECNO= 9.52 CWSEL= 1026.33

STA=	9358.	9530.	11038.	11794.
PER Q=	.6	96.8	2.6	
AREA=	194.4	8116.8	816.1	
VEL=	1.6	6.5	1.7	
DEPTH=	1.1	5.4	1.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9.605

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9333.0 11778.8 TYPE= 1 TARGET= 2445.800

9.605	8.72	1027.42	1025.29	.00	1028.08	.66	1.11	.01	1026.20
54400.0	119.0	53791.4	489.6	99.4	8222.1	381.5	11082.7	2708.9	1026.70
2.39	1.20	6.54	1.28	.050	.035	.050	.000	1018.70	9338.06
.002430	450.	453.	455.	2	23	0	.00	2156.08	11770.33

FLOW DISTRIBUTION FOR SECNO= 9.60 CWSEL= 1027.42

STA=	9338.	9528.	11013.	11770.
PER Q=	.2	98.9	.9	
AREA=	99.4	8222.1	381.5	
VEL=	1.2	6.5	1.3	
DEPTH=	.5	5.5	.5	

*SECNO 9.696

3470 ENCROACHMENT STATIONS= 9015.0 11702.1 TYPE= 1 TARGET= 2687.100

9.696	10.02	1028.72	1025.81	.00	1029.08	.36	.97	.03	1026.20
54400.0	19398.7	33916.6	1084.7	4128.6	6859.3	813.4	11198.1	2735.4	1026.90
2.42	4.70	4.94	1.33	.050	.035	.050	.000	1018.70	9021.69
.001624	530.	484.	430.	2	14	0	.00	2678.25	11699.95

FLOW DISTRIBUTION FOR SECNO= 9.70 CWSEL= 1028.72

STA=	9022.	9101.	9317.	9420.	9588.	9603.	10996.	11700.
PER Q=	3.2	20.6	6.3	5.3	.2	62.3	2.0	
AREA=	415.0	2070.7	760.5	833.1	49.3	6859.3	813.4	
VEL=	4.2	5.4	4.5	3.5	2.7	4.9	1.3	
DEPTH=	5.2	9.6	7.4	5.0	3.5	4.9	1.2	

*SECNO 9.790

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .63

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     9136.2   11950.0  TYPE=      1  TARGET=     2813.800
    9.790     10.08   1029.58   1026.99       .00   1029.82       .24       .73       .01   1029.10
  30000.0     746.7   26737.7    2515.7     563.1    6418.4    1486.3   11313.6    2764.7   1029.40
     2.46      1.33      4.17      1.69      .050      .035      .050      .000   1019.50   9140.72
  .001229      570.      493.      365.         2        18         0       .00   2809.28  11950.00


FLOW DISTRIBUTION FOR SECNO=      9.79          CWSEL=   1029.58

STA=    9141.    9555.   10924.   11617.   11842.   11950.
  PER Q=      2.5     89.1      3.2      3.3      1.9
   AREA=    563.1   6418.4    676.6    524.9    284.9
    VEL=      1.3      4.2      1.4      1.9      2.0
  DEPTH=      1.4      4.7      1.0      2.3      2.6

*SECNO 9.885

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .65


3470 ENCROACHMENT STATIONS=     9327.8   12100.0  TYPE=      1  TARGET=     2772.200
    9.885      9.28   1030.38   1029.34       .00   1030.77       .40       .90       .05   1031.30
  30000.0        .0   26162.4    3837.6        .0    4889.3    1710.7   11399.2    2794.4   1029.90
     2.49       .00      5.35      2.24      .000      .035      .050      .000   1021.10   9331.20
  .002931      520.      504.      460.         2        14         0       .00   2494.57  11825.77


FLOW DISTRIBUTION FOR SECNO=      9.89          CWSEL=   1030.38

STA=    9331.   10707.   11099.   11325.   11748.   11826.
  PER Q=     87.2      3.1      3.3      5.5       .8
   AREA=   4889.3    480.8    413.7    699.1    117.1
    VEL=      5.4      1.9      2.4      2.4      2.2
  DEPTH=      3.6      1.2      1.8      1.7      1.5

*SECNO 9.981

3265 DIVIDED FLOW
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9288.0 12300.0 TYPE= 1 TARGET= 3012.000

9.981	8.90	1031.70	1030.20	.00	1032.07	.37	1.29	.00	1033.50
30000.0	.0	25255.9	4744.1	.0	4829.4	2188.2	11472.4	2820.0	1029.70
2.52	.00	5.23	2.17	.000	.035	.050	.000	1022.80	9308.54
.002427	620.	504.	380.	2	12	0	.00	2526.00	12300.00

FLOW DISTRIBUTION FOR SECNO= 9.98 CWSEL= 1031.70

STA=	9309.	10529.	10835.	11180.	11499.	12300.
PER Q=	84.2	3.7	3.8	5.9	2.4	
AREA=	4829.4	527.9	558.7	692.0	409.6	
VEL=	5.2	2.1	2.0	2.6	1.8	
DEPTH=	4.0	1.7	1.6	2.2	.5	

*SECNO 10.071

3265 DIVIDED FLOW

3280 CROSS SECTION 10.07 EXTENDED .63 FEET

3470 ENCROACHMENT STATIONS= 9170.0 12311.1 TYPE= 1 TARGET= 3141.100

10.071	7.93	1032.83	1031.25	.00	1033.25	.41	1.16	.01	1032.60
30000.0	95.8	26403.3	3500.9	58.8	4831.0	1948.1	11542.3	2846.0	1031.50
2.54	1.63	5.47	1.80	.050	.035	.050	.000	1024.90	9231.57
.002652	625.	475.	355.	2	15	0	.00	2994.69	12278.55

FLOW DISTRIBUTION FOR SECNO= 10.07 CWSEL= 1032.83

STA=	9232.	9290.	10511.	10853.	11470.	12179.	12279.
PER Q=	.3	88.0	3.6	5.0	3.0	.0	
AREA=	58.8	4831.0	525.2	813.4	588.9	20.6	
VEL=	1.6	5.5	2.0	1.9	1.5	.7	
DEPTH=	1.0	4.0	1.5	1.3	.8	.2	

*SECNO 10.167

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3280 CROSS SECTION 10.17 EXTENDED .72 FEET

3470 ENCROACHMENT STATIONS= 9380.0 11989.1 TYPE= 1 TARGET= 2609.100

10.167	10.52	1033.82	1031.21	.00	1034.24	.42	.99	.00	1033.50
30000.0	6.3	27375.1	2618.6	11.2	5055.6	1910.9	11618.7	2874.5	1031.00
2.57	.57	5.41	1.37	.050	.035	.050	.000	1023.30	9380.00
.001534	575.	512.	400.	2	5	0	.00	2573.33	11977.56

FLOW DISTRIBUTION FOR SECNO= 10.17 CWSEL= 1033.82

STA=	9380.	9413.	10272.	10848.	11483.	11978.
PER Q=	.0	91.3	3.2	3.1	2.4	
AREA=	11.2	5055.6	687.3	705.0	518.6	
VEL=	.6	5.4	1.4	1.3	1.4	
DEPTH=	.3	5.9	1.2	1.1	1.0	

*SECNO 10.265

3265 DIVIDED FLOW

3280 CROSS SECTION 10.27 EXTENDED .09 FEET

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .61

3470 ENCROACHMENT STATIONS= 9550.0 11664.3 TYPE= 1 TARGET= 2114.300

10.265	8.08	1034.48	1033.19	.00	1035.66	1.18	1.19	.23	1032.90
30000.0	475.2	28423.4	1101.4	223.0	3184.6	579.7	11679.9	2897.2	1033.70
2.58	2.13	8.93	1.90	.050	.035	.050	.000	1026.40	9550.00
.004092	515.	512.	400.	2	14	0	.00	1915.23	11653.06

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 10.27 CWSEL= 1034.48

STA=	9550.	9737.	10271.	11360.	11653.
PER Q=	1.6	94.7	3.0	.7	
AREA=	223.0	3184.6	468.8	111.0	
VEL=	2.1	8.9	1.9	1.8	
DEPTH=	1.2	6.0	.4	.4	

*SECNO 10.343

3265 DIVIDED FLOW

3280 CROSS SECTION 10.34 EXTENDED 1.29 FEET

3470 ENCROACHMENT STATIONS= 9750.0 11416.0 TYPE= 1 TARGET= 1666.000

10.343	9.89	1036.59	1034.85	.00	1037.31	.72	1.60	.05	1032.90
30000.0	762.7	24930.9	4306.4	157.2	3398.1	1584.4	11720.1	2910.8	1035.20
2.60	4.85	7.34	2.72	.050	.045	.050	.000	1026.70	9750.00
.003915	395.	411.	295.	2	5	0	.00	1641.25	11407.72

FLOW DISTRIBUTION FOR SECNO= 10.34 CWSEL= 1036.59

STA=	9750.	9782.	10289.	10842.	10989.	11092.	11388.	11408.
PER Q=	2.5	83.1	3.6	3.4	3.4	3.8	.1	
AREA=	157.2	3398.1	556.0	324.8	279.5	405.2	18.8	
VEL=	4.9	7.3	2.0	3.2	3.6	2.8	1.9	
DEPTH=	4.9	6.7	1.0	2.2	2.7	1.4	1.0	

*SECNO 10.442
3280 CROSS SECTION 10.44 EXTENDED 1.62 FEET

3470 ENCROACHMENT STATIONS= 9625.7 11448.0 TYPE= 1 TARGET= 1822.300

10.442	9.12	1038.52	1036.33	.00	1038.92	.40	1.58	.03	1041.90
30000.0	.0	24172.2	5827.8	.0	4361.4	2294.2	11788.2	2929.9	1037.30
2.63	.00	5.54	2.54	.000	.045	.050	.000	1029.40	9632.42
.002480	465.	528.	455.	0	19	0	.00	1807.29	11439.71

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 10.44 CWSEL= 1038.52

STA=	9632.	10334.	10536.	10733.	10873.	11138.	11339.	11440.
PER Q=	80.6	3.1	4.4	3.2	3.8	4.0	1.0	
AREA=	4361.4	396.9	480.5	353.4	458.4	461.4	143.5	
VEL=	5.5	2.3	2.7	2.8	2.5	2.6	2.0	
DEPTH=	6.2	2.0	2.4	2.5	1.7	2.3	1.4	

*SECNO 10.538
3280 CROSS SECTION 10.54 EXTENDED 2.85 FEET

3470 ENCROACHMENT STATIONS= 9514.9 11058.0 TYPE= 1 TARGET= 1543.100

10.538	8.95	1039.65	1036.44	.00	1039.96	.31	1.03	.01	1035.00
30000.0	773.4	26835.1	2391.5	217.7	5755.2	1183.0	11869.1	2949.7	1037.90
2.66	3.55	4.66	2.02	.050	.045	.050	.000	1030.70	9528.27
.001693	460.	505.	530.	2	14	0	.00	1529.73	11058.00

FLOW DISTRIBUTION FOR SECNO= 10.54 CWSEL= 1039.65

STA=	9528.	9574.	10478.	10707.	11058.
PER Q=	2.6	89.5	4.1	3.9	
AREA=	217.7	5755.2	553.5	629.5	
VEL=	3.6	4.7	2.2	1.9	
DEPTH=	4.8	6.4	2.4	1.8	

*SECNO 10.632
3280 CROSS SECTION 10.63 EXTENDED .50 FEET

3470 ENCROACHMENT STATIONS= 9414.6 10612.0 TYPE= 1 TARGET= 1197.400

10.632	8.80	1040.50	1037.24	.00	1040.89	.39	.90	.02	1038.20
30000.0	523.7	29049.7	426.5	218.9	5735.0	270.3	11945.4	2965.2	1039.30
2.69	2.39	5.07	1.58	.050	.045	.050	.000	1031.70	9422.36
.001961	465.	496.	510.	2	14	0	.00	1189.63	10612.00

FLOW DISTRIBUTION FOR SECNO= 10.63 CWSEL= 1040.50

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


STA=    9422.    9434.    9459.    9514.   10402.   10435.   10612.
  PER Q=      .2       .8       .8     96.8       .4      1.1
   AREA=    28.9     78.7    111.3   5735.0     58.0    212.3
    VEL=     2.2      2.9      2.1      5.1      1.9      1.5
  DEPTH=     2.4      3.3      2.0      6.5      1.8      1.2

*SECNO 10.752

3470 ENCROACHMENT STATIONS=     9335.0   10329.9  TYPE=      1  TARGET=      994.900
    10.752     10.52   1041.82   1038.53       .00   1042.42       .61      1.47       .07   1041.00
   30000.0     807.8   29192.2        .0     409.0    4619.2        .0   12026.5    2980.9   1042.80
      2.72      1.98      6.32       .00      .050      .045      .000      .000   1031.30   9335.00
   .002824      605.      629.      630.         2        12         0       .00    991.16  10326.16


FLOW DISTRIBUTION FOR SECNO=     10.75          CWSEL=   1041.82

STA=    9335.    9342.    9354.    9361.    9652.   10330.
  PER Q=      .1       .5       .1      2.0     97.3
   AREA=    13.4     40.5     15.6    339.5   4619.2
    VEL=     2.3      3.5      2.7      1.7      6.3
  DEPTH=     2.0      3.3      2.4      1.2      6.8

*SECNO 10.846
3280 CROSS SECTION     10.85 EXTENDED       .96 FEET


3470 ENCROACHMENT STATIONS=     8855.0   10402.4  TYPE=      1  TARGET=     1547.400
    10.846     11.56   1043.16   1039.88       .00   1043.75       .58      1.32       .00   1039.00
   30000.0    2450.7   27234.7     314.6    1134.3    4253.3     150.3   12087.3    2995.5   1042.90
      2.74      2.16      6.40      2.09      .050      .045      .050      .000   1031.60   8855.00
   .002481      510.      501.      480.         2        15         0       .00   1544.22  10399.22


FLOW DISTRIBUTION FOR SECNO=     10.85          CWSEL=   1043.16

STA=    8855.    9621.    9756.   10308.   10399.
  PER Q=     3.2      4.9     90.8      1.0
   AREA=   690.4    444.0   4253.3    150.3
    VEL=     1.4      3.3      6.4      2.1
  DEPTH=      .9      3.3      7.7      1.7
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10.942

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9130.0 10627.0 TYPE= 1 TARGET= 1497.000

10.942	10.13	1044.33	1040.09	.00	1044.73	.40	.96	.02	1041.00
30000.0	1153.2	28505.3	341.6	784.0	5503.8	313.8	12158.2	3013.3	1042.10
2.77	1.47	5.18	1.09	.050	.045	.095	.000	1034.20	9130.00
.001508	550.	504.	450.	2	8	0	.00	1416.65	10555.06

FLOW DISTRIBUTION FOR SECNO= 10.94 CWSEL= 1044.33

STA=	9130.	9678.	9702.	10379.	10555.
PER Q=	3.4	.5	95.0	1.1	
AREA=	719.5	64.5	5503.8	313.8	
VEL=	1.4	2.2	5.2	1.1	
DEPTH=	1.3	2.6	8.1	1.8	

*SECNO 11.029

3470 ENCROACHMENT STATIONS= 9240.0 10467.9 TYPE= 1 TARGET= 1227.900

11.029	10.39	1045.09	1041.22	.00	1045.44	.35	.71	.00	1045.10
30000.0	.0	29864.7	135.3	.0	6244.8	122.3	12226.7	3025.8	1042.30
2.80	.00	4.78	1.11	.000	.045	.095	.000	1034.70	9513.14
.001568	485.	460.	415.	2	14	0	.00	946.80	10459.94

FLOW DISTRIBUTION FOR SECNO= 11.03 CWSEL= 1045.09

STA=	9513.	10404.	10423.	10450.	10460.
PER Q=	99.5	.2	.2	.0	
AREA=	6244.8	54.2	60.4	7.7	
VEL=	4.8	1.2	1.1	.5	
DEPTH=	7.0	2.8	2.2	.8	

*SECNO 11.128

3470 ENCROACHMENT STATIONS= 9340.0 10398.5 TYPE= 1 TARGET= 1058.500

11.128	10.55	1045.95	1042.42	.00	1046.28	.32	.83	.00	1038.70
30000.0	5241.2	24702.6	56.2	1216.2	5334.0	76.4	12305.1	3037.8	1045.40
2.83	4.31	4.63	.74	.050	.045	.095	.000	1035.40	9340.00
.001597	535.	525.	500.	2	18	0	.00	1044.79	10384.79

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 11.13 CWSEL= 1045.95

STA=	9340.	9341.	9366.	9388.	9515.	10325.	10367.	10385.
PER Q=	.0	2.9	2.3	12.2	82.3	.1	.0	
AREA=	7.0	188.3	159.2	861.8	5334.0	57.2	19.2	
VEL=	1.1	4.5	4.4	4.3	4.6	.8	.7	
DEPTH=	7.0	7.5	7.2	6.8	6.6	1.4	1.1	

*SECNO 11.224

3470 ENCROACHMENT STATIONS= 9450.0 10350.0 TYPE= 1 TARGET= 900.000

11.224	8.72	1046.82	1043.75	.00	1047.33	.51	1.00	.06	1041.90
30000.0	5502.5	24437.7	59.8	1134.5	4124.5	58.3	12373.6	3048.8	1046.50
2.85	4.85	5.92	1.03	.050	.045	.095	.000	1038.10	9450.00
.002585	470.	507.	535.	2	11	0	.00	862.29	10312.29

FLOW DISTRIBUTION FOR SECNO= 11.22 CWSEL= 1046.82

STA=	9450.	9640.	10262.	10289.	10300.	10312.
PER Q=	18.3	81.5	.0	.1	.1	
AREA=	1134.5	4124.5	14.3	22.6	21.4	
VEL=	4.9	5.9	.5	1.3	1.1	
DEPTH=	6.0	6.6	.5	2.1	1.7	

*SECNO 11.325

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .55

3470 ENCROACHMENT STATIONS= 9570.0 10784.1 TYPE= 1 TARGET= 1214.100

11.325	8.90	1048.30	1047.22	.00	1049.96	1.66	2.28	.34	1048.20
30000.0	830.2	28972.0	197.7	199.1	2760.7	85.4	12423.9	3057.7	1046.20
2.87	4.17	10.49	2.31	.050	.045	.095	.000	1039.40	9570.00
.008668	480.	532.	575.	3	11	0	.00	617.64	10244.31

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 11.32 CWSEL= 1048.30

STA=	9570.	9585.	9599.	9722.	9748.	10184.	10196.	10208.	10223.	10244.
PER Q=	1.2	.3	1.1	.2	96.6	.3	.2	.1	.0	
AREA=	61.8	24.7	92.0	20.6	2760.7	33.6	28.5	12.9	10.5	
VEL=	5.9	4.0	3.4	2.4	10.5	3.0	2.5	1.3	.9	
DEPTH=	4.0	1.8	.7	.8	6.3	3.0	2.3	.8	.5	

CCHV= .300 CEHV= .500
*SECNO 11.410

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.60

3470 ENCROACHMENT STATIONS= 9640.0 10253.1 TYPE= 1 TARGET= 613.100

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***** GLENDALE ROAD *********
***** LOW CHORD = 1057.5 ****
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11.410	9.91	1051.71	1048.76	.00	1052.52	.81	2.31	.25	1056.60
30000.0	.0	29914.5	85.5	.0	4129.0	40.7	12461.2	3063.8	1045.50
2.88	.00	7.25	2.10	.000	.045	.095	.000	1041.80	9650.66
.003398	330.	451.	580.	3	15	0	.00	577.29	10227.95

FLOW DISTRIBUTION FOR SECNO= 11.41 CWSEL= 1051.71

STA=	9651.	10214.	10219.	10222.	10226.	10228.
PER Q=	99.7	.2	.1	.0	.0	
AREA=	4129.0	23.5	10.1	6.1	.9	
VEL=	7.2	2.5	1.8	1.2	.5	
DEPTH=	7.3	5.1	3.2	1.6	.5	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	535.00	15.00	7069.00	1.50	1044.40	1044.40

*SECNO 11.428
BTCARD, BRIDGE STENCL= 9600.00 STENCR= 10253.10

3301 HV CHANGED MORE THAN HVINS

CLASS A LOW FLOW

3420 BRIDGE W.S.= 1051.65 BRIDGE VELOCITY= 7.80 CALCULATED CHANNEL AREA= 3846.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1053.12	.07	0.	30000.	7069.	7069.	1057.50	1065.40	0.

3470 ENCROACHMENT STATIONS= 9600.0 10253.1 TYPE= 1 TARGET= 653.100

11.428	9.98	1051.78	.00	.00	1053.12	1.33	.59	.00	1049.80
30000.0	1025.5	28974.5	.0	332.8	3078.5	.0	12473.8	3065.7	1060.10
2.89	3.08	9.41	.00	.050	.045	.000	.000	1041.80	9625.44
.004996	145.	145.	145.	0	0	0	.00	566.42	10191.85

FLOW DISTRIBUTION FOR SECNO= 11.43 CWSEL= 1051.78

STA=	9625.	9632.	9641.	9714.	9725.	9750.	9764.	9787.	9795.	9814.	10227.
PER Q=	.0	.2	1.4	.2	.5	.3	.4	.1	.4	96.6	
AREA=	6.0	15.0	131.3	19.3	44.6	24.6	41.2	14.1	36.6	3078.5	
VEL=	1.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	9.4	
DEPTH=	.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	8.2	

*SECNO 11.460

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9515.0 10610.0 TYPE= 1 TARGET= 1095.000

11.460	25.05	1052.25	1050.79	.00	1054.21	1.96	.78	.31	1052.00
34500.0	721.6	33647.0	131.4	647.8	2956.2	41.5	12487.3	3068.1	1046.80
2.89	1.11	11.38	3.17	.150	.035	.055	.000	1027.20	9527.60
.004444	165.	167.	165.	2	21	0	.00	685.31	10212.91

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 11.46 CWSEL= 1052.25

STA=	9528.	9543.	9570.	9688.	9812.	9829.	10194.	10197.	10213.
PER Q=	.1	.2	.9	.9	.0	97.5	.2	.2	
AREA=	20.8	60.1	266.3	278.4	22.2	2956.2	15.0	26.5	
VEL=	.9	1.1	1.1	1.1	.8	11.4	4.3	2.5	
DEPTH=	1.3	2.3	2.3	2.3	1.3	8.1	4.4	1.7	

*SECNO 11.557

3470 ENCROACHMENT STATIONS= 8970.0 10122.1 TYPE= 1 TARGET= 1152.100

11.557	31.64	1054.44	1053.33	.00	1056.49	2.05	2.23	.04	1051.20
34500.0	7048.9	27451.1	.0	4039.4	2135.7	.0	12544.8	3078.7	1058.90
2.91	1.75	12.85	.00	.150	.035	.000	.000	1022.80	8970.00
.004289	510.	511.	510.	3	11	0	.00	1122.12	10092.12

FLOW DISTRIBUTION FOR SECNO= 11.56 CWSEL= 1054.44

STA=	8970.	9126.	9260.	9410.	9550.	9702.	9845.	9882.	10101.
PER Q=	3.5	3.0	3.4	3.2	3.4	3.2	.8	79.6	
AREA=	694.0	591.5	668.7	620.8	671.4	636.3	156.8	2135.7	
VEL=	1.7	1.8	1.8	1.8	1.8	1.8	1.7	12.9	
DEPTH=	4.4	4.4	4.4	4.4	4.4	4.4	4.3	10.1	

*SECNO 11.653

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 8420.0 10245.0 TYPE= 1 TARGET= 1825.000

11.653	35.11	1057.21	1055.48	.00	1058.45	1.23	1.72	.24	1057.30
34500.0	10401.5	24098.5	.0	6983.9	2268.1	.0	12635.1	3095.1	1058.00
2.92	1.49	10.62	.00	.150	.035	.000	.000	1022.10	8420.00
.002715	510.	509.	510.	3	9	0	.00	1678.23	10120.01

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 11.65 CWSEL= 1057.21

STA=	8420.	8599.	8746.	8944.	9077.	9223.	9377.	9529.	9827.	9908.	10123.
PER Q=	4.1	3.2	4.6	3.1	3.4	3.6	3.6	3.4	1.1	69.9	
AREA=	932.5	727.1	1033.6	694.3	757.8	805.8	790.2	942.8	300.0	2268.1	
VEL=	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.2	1.3	10.6	
DEPTH=	5.2	4.9	5.2	5.2	5.2	5.2	5.2	3.2	3.7	10.7	

*SECNO 11.750

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 7870.0 10170.0 TYPE= 1 TARGET= 2300.000

11.750	36.56	1058.46	1057.59	.00	1060.35	1.89	1.57	.33	1061.00
34500.0	7184.5	27250.3	65.2	5223.4	2196.3	33.6	12732.9	3117.1	1056.10
2.94	1.38	12.41	1.94	.150	.035	.055	.000	1021.90	7870.00
.003530	510.	511.	510.	2	9	0	.00	2086.93	10133.45

FLOW DISTRIBUTION FOR SECNO= 11.75 CWSEL= 1058.46

STA=	7870.	8069.	8497.	8659.	8833.	8983.	9433.	9896.	10107.	10133.
PER Q=	3.0	3.0	3.2	3.6	3.1	3.1	1.8	79.0	.2	
AREA=	707.6	828.1	705.1	775.0	669.7	811.0	727.0	2196.3	33.6	
VEL=	1.5	1.3	1.6	1.6	1.6	1.3	.9	12.4	1.9	
DEPTH=	3.6	1.9	4.3	4.5	4.5	1.8	1.6	11.1	1.3	

*SECNO 11.847

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.50

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 7310.0 10173.0 TYPE= 1 TARGET= 2863.000

11.847	40.65	1060.95	1058.69	.00	1061.81	.86	1.15	.31	1063.40
34500.0	11206.1	22915.2	378.6	10666.5	2513.1	130.5	12854.6	3145.9	1052.10
2.96	1.05	9.12	2.90	.150	.035	.055	.000	1020.30	7310.00
.001562	510.	512.	510.	3	9	0	.00	2826.52	10147.92

FLOW DISTRIBUTION FOR SECNO= 11.85 CWSEL= 1060.95

STA=	7310.	7557.	7741.	7963.	8333.	8592.	8792.	8993.	9243.	9804.	9908.	10113.	10148.
PER Q=	4.0	3.0	3.2	3.3	4.2	3.2	3.3	3.9	3.1	1.3	66.4	1.1	
AREA=	1230.4	911.1	1023.0	1189.0	1280.9	985.2	997.6	1195.0	1421.9	432.3	2513.1	130.5	
VEL=	1.1	1.1	1.1	.9	1.1	1.1	1.1	1.1	.7	1.0	9.1	2.9	
DEPTH=	5.0	4.9	4.6	3.2	4.9	4.9	4.9	4.8	2.5	4.2	12.9	3.8	

*SECNO 11.900

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 6880.0 10198.5 TYPE= 1 TARGET= 3318.500

11.900	15.92	1061.12	1060.38	.00	1062.82	1.70	.59	.42	1064.40
34500.0	6198.4	27907.0	394.6	5990.7	2405.2	150.6	12935.9	3167.2	1058.50
2.97	1.03	11.60	2.62	.150	.035	.055	.000	1045.20	6880.00
.002770	340.	273.	275.	3	19	0	.00	2732.91	10156.61

FLOW DISTRIBUTION FOR SECNO= 11.90 CWSEL= 1061.12

STA=	6880.	7198.	7581.	8069.	8654.	8973.	9877.	10093.	10157.
PER Q=	3.2	3.0	3.0	3.9	3.2	1.6	80.9	1.1	
AREA=	994.1	985.6	1000.0	1235.5	996.9	778.6	2405.2	150.6	
VEL=	1.1	1.1	1.0	1.1	1.1	.7	11.6	2.6	
DEPTH=	3.1	2.6	2.1	2.1	3.1	.9	12.2	2.4	

*SECNO 11.943

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 6800.0 10182.0 TYPE= 1 TARGET= 3382.000

11.943	33.33	1062.73	1060.65	.00	1063.52	.79	.43	.27	1067.50
34500.0	12590.1	21590.4	319.5	12096.4	2403.9	115.5	12980.8	3177.8	1054.60
2.98	1.04	8.98	2.76	.150	.035	.055	.000	1029.40	6800.00
.001544	150.	236.	235.	4	21	0	.00	3137.64	10120.03

FLOW DISTRIBUTION FOR SECNO= 11.94 CWSEL= 1062.73

STA=	6800.	7035.	7354.	7642.	7853.	8097.	8297.	8595.	8905.	9136.	9870.	10085.	10120.
PER Q=	3.6	4.8	3.2	3.2	3.7	3.0	4.5	4.7	3.4	2.6	62.6	.9	
AREA=	1126.0	1507.0	1124.6	1000.1	1152.7	944.8	1407.3	1464.0	1078.0	1291.9	2403.9	115.5	
VEL=	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	.7	9.0	2.8	
DEPTH=	4.8	4.7	3.9	4.7	4.7	4.7	4.7	4.7	4.7	1.8	12.7	3.3	

*SECNO 12.042

3470 ENCROACHMENT STATIONS= 6350.0 10165.0 TYPE= 1 TARGET= 3815.000

12.042	15.47	1063.97	1061.28	.00	1064.31	.34	.65	.14	1063.00
34500.0	20161.4	14311.7	26.9	19635.3	1996.0	30.7	13190.0	3217.4	1062.00
3.02	1.03	7.17	.88	.150	.035	.055	.000	1048.50	6350.00
.001081	500.	520.	540.	2	16	0	.00	3751.17	10101.17

FLOW DISTRIBUTION FOR SECNO= 12.04 CWSEL= 1063.97

STA=	6350.	8556.	8806.	8999.	9181.	9367.	9668.	9840.	9903.	10070.	10101.
PER Q=	38.6	3.1	3.4	3.2	3.1	3.6	3.0	.5	41.5	.1	
AREA=	12723.9	1149.0	1112.2	1051.7	1036.0	1345.3	995.7	221.4	1996.0	30.7	
VEL=	1.0	.9	1.0	1.0	1.0	.9	1.0	.8	7.2	.9	
DEPTH=	5.8	4.6	5.8	5.8	5.6	4.5	5.8	3.5	12.0	1.0	

*SECNO 12.141

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

12.141	15.33	1064.63	1061.67	.00	1064.87	.24	.53	.03	1062.90
34500.0	22821.6	11678.4	.0	22055.5	1755.9	.0	13457.0	3261.8	1066.00
3.07	1.03	6.65	.00	.150	.035	.000	.000	1049.30	6195.39
.000983	510.	526.	535.	2	14	0	.00	3820.05	10073.80

FLOW DISTRIBUTION FOR SECNO= 12.14 CWSEL= 1064.63

STA=	6195.	8718.	8894.	9204.	9395.	9598.	9783.	9923.	10076.
PER Q=	47.6	3.3	3.2	3.3	3.9	3.3	1.6	33.9	
AREA=	15643.0	1098.4	1199.9	1111.0	1264.1	1106.2	632.8	1755.9	
VEL=	1.0	1.1	.9	1.0	1.1	1.0	.9	6.7	
DEPTH=	6.2	6.2	3.9	5.8	6.2	6.0	4.5	11.7	

*SECNO 12.247

12.247	14.51	1065.21	1061.63	.00	1065.39	.17	.49	.02	1062.60
34500.0	23877.1	10622.9	.0	23002.1	1824.1	.0	13743.8	3306.2	1066.00
3.13	1.04	5.82	.00	.150	.035	.000	.000	1050.70	6360.03
.000899	510.	560.	565.	2	13	0	.00	3722.30	10082.33

FLOW DISTRIBUTION FOR SECNO= 12.25 CWSEL= 1065.21

STA=	6360.	6587.	6778.	6966.	9628.	9796.	9899.	10086.
PER Q=	4.3	3.8	3.2	53.4	3.2	1.2	30.8	
AREA=	1445.4	1258.3	1115.9	17600.0	1085.6	496.9	1824.1	
VEL=	1.0	1.0	1.0	1.0	1.0	.9	5.8	
DEPTH=	6.4	6.6	5.9	6.6	6.4	4.9	9.9	

*SECNO 12.359

12.359	13.86	1065.56	1060.88	.00	1065.74	.19	.35	.01	1065.30
34500.0	15253.7	18800.3	446.0	19697.9	4048.1	206.6	14029.7	3348.0	1054.70
3.18	.77	4.64	2.16	.150	.035	.055	.000	1051.70	6629.96
.000496	500.	586.	580.	2	11	0	.00	3463.94	10093.90

FLOW DISTRIBUTION FOR SECNO= 12.36 CWSEL= 1065.56

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	6630.	6857.	7092.	7342.	8875.	9179.	9379.	9582.	9692.	10061.	10094.
PER Q=	3.0	3.6	3.3	23.7	3.0	3.1	3.1	1.3	54.5	1.3
AREA=	1384.7	1590.4	1538.0	10354.8	1489.5	1353.3	1370.2	617.0	4048.1	206.6
VEL=	.8	.8	.7	.8	.7	.8	.8	.7	4.6	2.2
DEPTH=	6.1	6.8	6.2	6.8	4.9	6.8	6.8	5.6	11.0	6.3

*SECNO 12.420

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7000.0 10782.8 TYPE= 1 TARGET= 3782.800

12.420	11.74	1065.74	1059.41	.00	1065.89	.15	.14	.01	1065.10
34500.0	3811.6	30444.4	244.0	6825.1	9140.5	253.0	14192.6	3375.3	1065.20
3.21	.56	3.33	.96	.150	.035	.055	.000	1054.00	7000.00
.000365	380.	302.	270.	2	18	0	.00	3131.93	10231.82

W DISTRIBUTION FOR SECNO= 12.42 CWSEL= 1065.74

STA=	7000.	7606.	7929.	8388.	9014.	10111.	10232.
PER Q=	3.4	3.1	3.8	.8	88.2	.7
AREA=	1991.8	1785.0	2300.6	747.8	9140.5	253.0
VEL=	.6	.6	.6	.4	3.3	1.0
DEPTH=	3.3	5.5	5.0	1.2	8.3	2.1

CCHV= .100 CEHV= .300
*SECNO 12.470

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7298.5 11052.3 TYPE= 1 TARGET= 3753.800

12.470	10.94	1065.84	1062.20	.00	1066.01	.18	.11	.01	1064.00
34500.0	9672.3	24798.0	29.7	4796.6	6557.9	45.4	14270.1	3390.8	1064.00
3.23	2.02	3.78	.65	.045	.035	.040	.000	1054.90	7365.62
.000580	230.	255.	240.	0	15	0	.00	2508.99	10379.50

FLOW DISTRIBUTION FOR SECNO= 12.47 CWSEL= 1065.84

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	7366.	7653.	7780.	8135.	8437.	8555.	9382.	10296.	10379.
PER Q=	4.8	3.3	5.2	8.7	3.8	2.3	71.9	.1	
AREA=	791.7	538.9	1026.9	1361.9	572.4	504.9	6557.9	45.4	
VEL=	2.1	2.1	1.8	2.2	2.3	1.5	3.8	.7	
DEPTH=	2.8	4.3	2.9	4.5	4.8	.6	7.2	.5	

*SECNO 12.529

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7465.8 10393.3 TYPE= 1 TARGET= 2927.500

12.529	9.89	1065.99	1062.16	.00	1066.22	.23	.19	.02	1062.10
34500.0	7294.4	27078.4	127.3	3748.2	6400.8	70.6	14342.5	3405.0	1060.50
3.25	1.95	4.23	1.80	.045	.035	.040	.000	1056.10	7547.27
.000632	210.	345.	390.	0	11	0	.00	2180.77	10388.06

FLOW DISTRIBUTION FOR SECNO= 12.53 CWSEL= 1065.99

STA=	7547.	7775.	7886.	8325.	8475.	8625.	9552.	10362.	10388.
PER Q=	3.3	3.2	3.6	4.2	4.4	2.5	78.5	.4	
AREA=	564.5	489.0	875.8	657.6	672.6	488.7	6400.8	70.6	
VEL=	2.0	2.2	1.4	2.2	2.3	1.7	4.2	1.8	
DEPTH=	2.5	4.4	2.0	4.4	4.5	.5	7.9	2.7	

*SECNO 12.630

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8085.7 10770.0 TYPE= 1 TARGET= 2684.300

12.630	10.45	1066.35	1063.19	.00	1066.61	.27	.38	.01	1061.30
34500.0	4685.4	25202.9	4611.7	2235.0	5492.0	1581.9	14461.4	3430.1	1061.90
3.29	2.10	4.59	2.92	.045	.035	.040	.000	1055.90	8093.08
.000832	520.	533.	550.	2	19	0	.00	1967.20	10755.30

FLOW DISTRIBUTION FOR SECNO= 12.63 CWSEL= 1066.35

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8093.	8208.	8583.	8705.	8850.	9640.	10397.	10582.	10648.	10732.	10755.
PER Q=	3.1	3.4	3.3	3.2	.6	73.1	6.9	3.0	3.2	.3	
AREA=	445.2	676.7	478.5	496.5	138.2	5492.0	822.5	332.8	376.3	50.4	
VEL=	2.4	1.8	2.4	2.2	1.5	4.6	2.9	3.1	2.9	1.8	
DEPTH=	3.9	1.8	3.9	3.4	.2	7.3	4.4	5.0	4.5	2.2	

*SECNO 12.725

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .64

3470 ENCROACHMENT STATIONS= 8342.9 10654.0 TYPE= 1 TARGET= 2311.100

12.725	19.91	1066.71	1064.47	.00	1067.33	.63	.61	.11	1065.40
34500.0	1155.2	31089.8	2254.9	620.5	4699.6	663.8	14549.3	3450.3	1063.30
3.31	1.86	6.62	3.40	.045	.035	.040	.000	1046.80	8504.69
.002006	530.	500.	470.	0	24	0	.00	1503.27	10634.65

FLOW DISTRIBUTION FOR SECNO= 12.73 CWSEL= 1066.71

STA=	8505.	8962.	9682.	10404.	10623.	10635.
PER Q=	3.0	.3	90.1	6.5	.1	
AREA=	538.2	82.3	4699.6	648.8	15.0	
VEL=	1.9	1.4	6.6	3.4	1.9	
DEPTH=	1.2	.1	6.5	3.0	1.3	

*SECNO 12.816

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8483.3 10488.0 TYPE= 1 TARGET= 2004.700

12.816	25.99	1067.59	1065.31	.00	1068.56	.97	1.12	.10	1063.60
34500.0	235.8	32922.8	1341.4	173.6	4090.0	310.1	14607.6	3464.2	1064.10
3.33	1.36	8.05	4.33	.045	.035	.040	.000	1041.60	8544.21
.002759	520.	482.	440.	2	11	0	.00	970.49	10473.14

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 12.82 CWSEL= 1067.59

STA=	8544.	8570.	8605.	8926.	9018.	9781.	10376.	10426.	10464.	10473.
PER Q=	.0	.0	.3	.2	.1	95.4	2.3	1.5	.1	
AREA=	8.7	6.8	83.8	59.3	15.0	4090.0	177.3	120.2	12.6	
VEL=	.8	.8	1.3	1.3	2.5	8.0	4.5	4.2	2.4	
DEPTH=	.3	.2	.3	.6	.0	6.9	3.5	3.2	1.4	

*SECNO 12.913

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8680.0 10318.0 TYPE= 1 TARGET= 1638.000

12.913	29.29	1068.99	1066.76	.00	1070.17	1.18	1.55	.06	1071.20
34500.0	168.0	34170.9	161.1	149.2	3896.8	40.9	14658.7	3475.5	1063.70
3.34	1.13	8.77	3.94	.045	.035	.040	.000	1039.70	8907.29
.003314	510.	513.	535.	2	9	0	.00	952.33	10301.15

FLOW DISTRIBUTION FOR SECNO= 12.91 CWSEL= 1068.99

STA=	8907.	8915.	8974.	9037.	9222.	9356.	10286.	10301.
PER Q=	.0	.2	.1	.2	.0	99.0	.5	
AREA=	4.3	40.7	30.6	63.9	9.8	3896.8	40.9	
VEL=	1.3	1.5	1.2	.9	.6	8.8	3.9	
DEPTH=	.5	.7	.5	.3	.1	6.8	2.6	

*SECNO 13.007

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 8750.0 10239.0 TYPE= 1 TARGET= 1489.000

13.007	8.43	1070.43	1068.71	.00	1072.21	1.78	1.86	.18	1072.30
34500.0	3.0	33732.7	764.3	6.4	3127.9	123.1	14700.3	3483.8	1062.00
3.36	.47	10.78	6.21	.045	.035	.040	.000	1062.00	8846.44
.004322	490.	494.	495.	2	17	0	.00	513.10	10215.30

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 13.01 CWSEL= 1070.43

STA=	8846.	9296.	10186.	10215.
PER Q=	.0	97.8	2.2	
AREA=	6.4	3127.9	123.1	
VEL=	.5	10.8	6.2	
DEPTH=	.0	7.6	4.2	

*SECNO 13.103

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.63

3470 ENCROACHMENT STATIONS= 8600.0 10342.0 TYPE= 1 TARGET= 1742.000

13.103	10.23	1072.73	1068.82	.00	1073.57	.84	1.26	.09	1071.60
34500.0	1162.3	33329.2	8.5	904.0	4465.5	6.0	14750.3	3495.9	1070.80
3.38	1.29	7.46	1.42	.045	.035	.040	.000	1062.50	8751.98
.001623	505.	505.	515.	2	15	0	.00	1572.65	10324.63

FLOW DISTRIBUTION FOR SECNO= 13.10 CWSEL= 1072.73

STA=	8752.	9823.	9830.	10318.	10325.
PER Q=	3.3	.0	96.6	.0	
AREA=	896.4	7.4	4465.5	6.0	
VEL=	1.3	1.4	7.5	1.4	
DEPTH=	.8	1.0	9.2	1.0	

*SECNO 13.200

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9150.0 10419.0 TYPE= 1 TARGET= 1269.000

13.200	10.63	1073.63	1068.35	.00	1074.23	.60	.64	.02	1071.70
34500.0	482.8	33344.8	672.5	410.6	5285.7	218.4	14816.7	3511.0	1063.00
3.40	1.18	6.31	3.08	.045	.035	.045	.000	1063.00	9245.83
.000978	510.	513.	515.	2	11	0	.00	996.54	10355.81

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 13.20 CWSEL= 1073.63

STA=	9246.	9806.	10315.	10356.
PER Q=	1.4	96.7	1.9	
AREA=	410.6	5285.7	218.4	
VEL=	1.2	6.3	3.1	
DEPTH=	.7	10.4	5.3	

*SECNO 13.296

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9000.0 10380.0 TYPE= 1 TARGET= 1380.000

13.296	10.73	1074.23	1068.61	.00	1074.67	.44	.43	.02	1073.50
34500.0	434.7	33799.1	266.2	394.2	6280.6	98.2	14890.8	3522.5	1065.60
3.42	1.10	5.38	2.71	.045	.035	.045	.000	1063.50	9229.18
.000735	500.	510.	500.	2	11	0	.00	999.91	10342.82

FLOW DISTRIBUTION FOR SECNO= 13.30 CWSEL= 1074.23

STA=	9229.	9702.	10321.	10343.
PER Q=	1.3	98.0	.8	
AREA=	394.2	6280.6	98.2	
VEL=	1.1	5.4	2.7	
DEPTH=	.8	10.1	4.4	

*SECNO 13.395

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .57

13.395	10.73	1074.73	1072.22	.00	1075.35	.61	.62	.05	1075.20
34500.0	14.0	34485.0	1.1	12.4	5492.3	1.2	14964.3	3534.6	1073.80
3.45	1.13	6.28	.91	.045	.035	.045	.000	1064.00	9228.97
.002267	505.	522.	515.	2	14	0	.00	1022.96	10325.92

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 13.40 CWSEL= 1074.73

STA=	9229.	9241.	9252.	10323.	10326.
PER Q=	.0	.0	100.0	.0	
AREA=	6.3	6.1	5492.3	1.2	
VEL=	1.2	1.1	6.3	.9	
DEPTH=	.5	.6	5.5	.5	

CCHV= .300 CEHV= .500
*SECNO 13.450

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.58

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***** OLIVE AVENUE **********
***** LOW CHORD = 1086.4 ****
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13.450	11.75	1075.55	1072.17	.00	1075.84	.29	.40	.10	1071.40
34500.0	557.2	33942.8	.0	299.5	7772.5	.0	15009.6	3542.6	1084.50
3.47	1.86	4.37	.00	.045	.035	.000	.000	1063.80	8840.22
.000910	290.	290.	290.	2	14	0	.00	1382.19	10222.41

FLOW DISTRIBUTION FOR SECNO= 13.45 CWSEL= 1075.55

STA=	8840.	8869.	8879.	8917.	8990.	10252.
PER Q=	.0	.0	.2	1.3	98.4	
AREA=	9.2	8.8	59.1	222.4	7772.5	
VEL=	.5	.9	1.3	2.1	4.4	
DEPTH=	.3	.9	1.5	3.0	6.3	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	1400.00	99.00	21608.27	3.00	1070.00	1070.00

*SECNO 13.467
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1075.49 BRIDGE VELOCITY= 4.77 CALCULATED CHANNEL AREA= 7236.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1075.89	.04	0.	34500.	21608.	27647.	1090.30	1092.80	0.

13.467	11.49	1075.59	.00	.00	1075.89	.30	.05	.00	1090.90
34500.0	.0	34500.0	.0	.0	7809.2	.0	15026.0	3545.5	1090.60
3.47	.00	4.42	.00	.000	.035	.000	.000	1064.10	8785.78
.001115	90.	90.	90.	0	0	0	.00	1417.38	10203.16

FLOW DISTRIBUTION FOR SECNO= 13.47 CWSEL= 1075.59

STA=	8786.	10287.
PER Q=	100.0	
AREA=	7809.2	
VEL=	4.4	
DEPTH=	5.5	

*SECNO 13.518

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .48

3470 ENCROACHMENT STATIONS= 8560.0 10214.0 TYPE= 1 TARGET= 1654.000

13.518	11.73	1075.93	1074.69	.00	1076.64	.71	.55	.20	1073.00
34500.0	2387.5	31872.6	239.9	516.5	4610.9	46.6	15066.1	3554.4	1067.20
3.48	4.62	6.91	5.15	.045	.035	.045	.000	1064.20	8613.99
.004791	260.	270.	260.	2	14	0	.00	1472.32	10200.28

FLOW DISTRIBUTION FOR SECNO= 13.52 CWSEL= 1075.93

STA=	8614.	8618.	8672.	8701.	8772.	8800.	10190.	10200.
PER Q=	.0	1.2	1.4	3.2	1.1	92.4	.7	
AREA=	2.2	112.1	95.9	223.5	82.7	4610.9	46.6	
VEL=	1.6	3.7	5.0	4.9	4.6	6.9	5.1	
DEPTH=	.6	2.1	3.2	3.2	2.9	3.6	4.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .100 CEHV= .300
*SECNO 13.565

3265 DIVIDED FLOW

13.565	11.38	1077.18	1075.87	.00	1077.78	.59	1.12	.01	1074.20
34500.0	3677.9	30822.1	.0	954.7	4822.0	.0	15097.7	3563.8	1088.90
3.49	3.85	6.39	.00	.045	.035	.000	.000	1065.80	7935.71
.004148	245.	252.	255.	3	9	0	.00	1799.17	10231.13

FLOW DISTRIBUTION FOR SECNO= 13.56 CWSEL= 1077.18

STA=	7936.	8684.	8788.	8887.	10248.
PER Q=	3.4	3.9	3.4	89.3	
AREA=	372.9	305.2	276.5	4822.0	
VEL=	3.2	4.4	4.2	6.4	
DEPTH=	.5	2.9	2.8	3.6	

*SECNO 13.663

3265 DIVIDED FLOW

13.663	13.47	1079.17	1077.75	.00	1079.72	.55	1.94	.00	1075.70
34500.0	6588.1	27556.1	355.8	1657.2	4344.6	79.2	15167.5	3584.6	1074.40
3.52	3.98	6.34	4.49	.045	.035	.045	.000	1065.70	7515.68
.003453	505.	515.	535.	2	9	0	.00	1735.81	10354.50

FLOW DISTRIBUTION FOR SECNO= 13.66 CWSEL= 1079.17

STA=	7516.	8856.	8938.	9039.	9207.	9228.	10330.	10354.
PER Q=	3.4	3.6	4.5	6.6	.9	79.9	1.0	
AREA=	410.6	283.0	351.3	541.3	71.1	4344.6	79.2	
VEL=	2.8	4.4	4.4	4.2	4.4	6.3	4.5	
DEPTH=	.3	3.5	3.5	3.2	3.4	4.1	3.2	

*SECNO 13.760

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
13.760	13.01	1080.91	1079.48	.00	1081.44	.52	1.71	.00	1077.50
34500.0	8105.4	15978.5	10416.1	2186.2	2619.0	1573.6	15240.5	3605.4	1071.20
3.54	3.71	6.10	6.62	.045	.035	.045	.000	1067.90	7041.87
.003266	505.	511.	515.	2	9	0	.00	1827.66	10427.50

FLOW DISTRIBUTION FOR SECNO= 13.76 CWSEL= 1080.91

STA=	7042.	9097.	9204.	9305.	9402.	9505.	9522.	10175.	10207.	10256.	10306.	10343.	10379.
PER Q=	7.7	3.6	3.8	3.9	3.8	.6	46.3	7.4	5.8	3.9	3.1	4.7	
AREA=	850.4	315.3	322.3	320.5	325.4	52.4	2619.0	300.9	306.9	248.1	192.6	243.5	
VEL=	3.1	3.9	4.1	4.2	4.1	4.0	6.1	8.4	6.5	5.5	5.6	6.7	
DEPTH=	.4	3.0	3.2	3.3	3.2	3.1	4.0	9.5	6.3	5.0	5.2	6.7	

STA=	10379.	10406.	10427.
PER Q=	4.2	1.1	
AREA=	199.1	82.6	
VEL=	7.2	4.4	
DEPTH=	7.5	3.8	

*SECNO 13.856

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 6800.0 10448.0 TYPE= 1 TARGET= 3648.000

13.856	11.02	1082.22	1080.33	.00	1082.87	.66	1.40	.04	1078.20
34500.0	3234.5	24210.9	7054.6	1286.4	3330.1	1497.5	15313.4	3625.1	1075.70
3.57	2.51	7.27	4.71	.045	.035	.045	.000	1071.20	6932.59
.002345	505.	510.	510.	2	16	0	.00	1553.74	10419.95

FLOW DISTRIBUTION FOR SECNO= 13.86 CWSEL= 1082.22

STA=	6933.	9259.	9552.	9609.	10108.	10146.	10210.	10265.	10353.	10420.
PER Q=	3.1	4.9	1.4	70.2	4.4	5.6	3.4	4.3	2.8	
AREA=	516.0	614.2	156.2	3330.1	262.5	370.3	260.8	363.1	240.8	
VEL=	2.1	2.7	3.1	7.3	5.7	5.2	4.5	4.1	3.9	
DEPTH=	.2	2.1	2.7	6.7	6.8	5.9	4.7	4.1	3.6	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 13.952

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 6900.0 10583.0 TYPE= 1 TARGET= 3683.000

13.952	10.22	1083.52	1082.57	.00	1084.59	1.07	1.59	.12	1083.00
34500.0	482.7	30528.5	3488.8	252.3	3513.6	817.8	15375.8	3641.6	1081.40
3.58	1.91	8.69	4.27	.045	.035	.045	.000	1073.30	7144.00
.004377	505.	508.	510.	2	12	0	.00	1280.95	10384.79

FLOW DISTRIBUTION FOR SECNO= 13.95 CWSEL= 1083.52

STA=	7144.	9433.	10076.	10213.	10321.	10385.
PER Q=	1.4	88.5	4.0	4.6	1.4	
AREA=	252.3	3513.6	343.3	340.7	133.8	
VEL=	1.9	8.7	4.0	4.7	3.7	
DEPTH=	.1	5.5	2.5	3.2	2.1	

*SECNO 14.049

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7100.0 10644.0 TYPE= 1 TARGET= 3544.000

14.049	11.31	1085.81	1084.52	.00	1086.61	.80	2.00	.03	1084.70
34500.0	581.8	31380.1	2538.1	326.2	4220.2	599.6	15432.8	3657.9	1083.20
3.60	1.78	7.44	4.23	.045	.035	.045	.000	1074.50	7310.47
.003508	500.	512.	505.	2	6	0	.00	1507.92	10310.43

FLOW DISTRIBUTION FOR SECNO= 14.05 CWSEL= 1085.81

STA=	7310.	9288.	10115.	10275.	10310.
PER Q=	1.7	91.0	5.9	1.4	
AREA=	326.2	4220.2	488.0	111.7	
VEL=	1.8	7.4	4.2	4.4	
DEPTH=	.2	5.1	3.0	3.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14.145

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7300.0 10478.0 TYPE= 1 TARGET= 3178.000

14.145	10.59	1087.49	1085.49	.00	1087.95	.47	1.31	.03	1090.70
34500.0	1015.2	32169.1	1315.7	597.2	5712.0	432.1	15502.1	3677.4	1085.00
3.63	1.70	5.63	3.04	.045	.035	.045	.000	1076.90	7621.29
.001964	500.	510.	500.	2	14	0	.00	1848.01	10431.13

FLOW DISTRIBUTION FOR SECNO= 14.15 CWSEL= 1087.49

STA=	7621.	8858.	10280.	10413.	10431.
PER Q=	2.9	93.2	3.6	.2	
AREA=	597.2	5712.0	397.5	34.6	
VEL=	1.7	5.6	3.1	2.4	
DEPTH=	.5	5.2	3.0	1.9	

*SECNO 14.240

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7500.0 10710.0 TYPE= 1 TARGET= 3210.000

14.240	8.31	1088.61	1086.99	.00	1089.05	.44	1.09	.00	1089.90
34500.0	1205.4	30075.5	3219.0	600.7	5418.9	909.7	15579.5	3698.4	1087.50
3.66	2.01	5.55	3.54	.045	.035	.045	.000	1080.30	7931.55
.002445	365.	500.	550.	2	14	0	.00	2079.36	10698.97

FLOW DISTRIBUTION FOR SECNO= 14.24 CWSEL= 1088.61

STA=	7932.	8913.	8934.	10391.	10627.	10699.
PER Q=	3.3	.2	87.2	7.0	2.3	
AREA=	567.9	32.8	5418.9	686.3	223.4	
VEL=	2.0	2.2	5.6	3.5	3.6	
DEPTH=	.6	1.6	4.3	2.9	3.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14.335

3265 DIVIDED FLOW

3280 CROSS SECTION 14.34 EXTENDED .04 FEET

3470 ENCROACHMENT STATIONS= 7700.0 10875.0 TYPE= 1 TARGET= 3175.000

14.335	10.14	1089.94	1088.61	.00	1090.42	.48	1.36	.01	1089.50
34500.0	1700.9	28985.9	3813.2	573.4	4912.2	1094.5	15656.2	3721.6	1088.40
3.68	2.97	5.90	3.48	.045	.035	.045	.000	1079.80	8022.95
.003089	400.	499.	530.	2	8	0	.00	2089.42	10875.00

FLOW DISTRIBUTION FOR SECNO= 14.34 CWSEL= 1089.94

STA=	8023.	8314.	9119.	10358.	10616.	10708.	10868.	10875.
PER Q=	3.0	1.9	84.0	3.3	4.5	3.1	.1	
AREA=	303.1	270.2	4912.2	404.3	349.1	331.5	9.6	
VEL=	3.4	2.5	5.9	2.8	4.5	3.3	2.1	
DEPTH=	1.0	.3	4.0	1.6	3.8	2.1	1.4	

*SECNO 14.430

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7800.0 10984.0 TYPE= 1 TARGET= 3184.000

14.430	8.23	1091.43	1090.15	.00	1091.91	.48	1.49	.00	1092.10
34500.0	1948.1	28675.2	3876.7	772.8	4816.7	1146.8	15732.6	3746.2	1090.10
3.71	2.52	5.95	3.38	.045	.035	.045	.000	1083.20	8083.92
.002839	410.	503.	540.	2	18	0	.00	2266.94	10846.66

FLOW DISTRIBUTION FOR SECNO= 14.43 CWSEL= 1091.43

STA=	8084.	8428.	9104.	10301.	10623.	10721.	10831.	10847.
PER Q=	3.0	2.6	83.1	4.4	3.5	3.3	.0	
AREA=	336.1	436.7	4816.7	508.9	314.3	316.4	7.2	
VEL=	3.1	2.1	6.0	3.0	3.9	3.6	1.1	
DEPTH=	1.0	.6	4.3	1.6	3.2	2.9	.5	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14.525

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7800.0 10815.3 TYPE= 1 TARGET= 3015.300

14.525	9.51	1092.71	1090.68	.00	1093.11	.40	1.19	.01	1093.90
34500.0	1209.0	26082.3	7208.7	586.4	4833.4	1750.7	15813.2	3770.1	1092.30
3.74	2.06	5.40	4.12	.045	.035	.045	.000	1083.20	8329.84
.001967	425.	504.	545.	2	10	0	.00	1955.33	10760.37

FLOW DISTRIBUTION FOR SECNO= 14.52 CWSEL= 1092.71

STA=	8330.	8981.	9137.	10233.	10465.	10583.	10637.	10718.	10760.
PER Q=	3.1	.4	75.6	4.0	9.0	4.5	3.1	.2	
AREA=	485.1	101.3	4833.4	412.8	670.3	320.7	295.5	51.3	
VEL=	2.2	1.3	5.4	3.4	4.7	4.8	3.6	1.7	
DEPTH=	.7	.6	4.9	1.8	5.7	6.0	3.7	1.2	

*SECNO 14.619

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .69

3470 ENCROACHMENT STATIONS= 8100.0 10802.2 TYPE= 1 TARGET= 2702.200

14.619	7.53	1093.83	1092.87	.00	1094.60	.77	1.38	.11	1095.20
34500.0	1545.8	29422.2	3532.0	550.3	3951.5	883.4	15884.7	3791.4	1092.10
3.76	2.81	7.45	4.00	.045	.035	.045	.000	1086.30	8442.02
.004192	410.	494.	540.	2	19	0	.00	1858.61	10785.59

FLOW DISTRIBUTION FOR SECNO= 14.62 CWSEL= 1093.83

STA=	8442.	9076.	9201.	10198.	10643.	10738.	10786.
PER Q=	3.2	1.2	85.3	3.1	4.2	3.0	
AREA=	405.4	144.9	3951.5	408.1	297.7	177.6	
VEL=	2.8	2.9	7.4	2.6	4.8	5.8	
DEPTH=	.6	1.2	4.5	.9	3.1	3.7	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14.708

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8350.0 11257.9 TYPE= 1 TARGET= 2907.900

14.708	7.28	1095.68	1094.85	.00	1096.33	.65	1.72	.01	1095.10
34500.0	4048.6	27277.4	3174.0	1327.0	3835.6	1279.8	15948.4	3814.8	1092.60
3.78	3.05	7.11	2.48	.045	.035	.045	.000	1088.40	8510.67
.003234	425.	471.	500.	3	15	0	.00	2497.73	11149.31

FLOW DISTRIBUTION FOR SECNO= 14.71 CWSEL= 1095.68

STA=	8511.	8722.	8815.	9223.	9428.	10187.	10503.	10903.	11149.
PER Q=	4.5	3.1	3.3	.8	79.1	3.1	3.1	3.1	
AREA=	463.0	268.4	489.2	106.5	3835.6	408.4	472.4	399.0	
VEL=	3.4	4.0	2.4	2.5	7.1	2.6	2.2	2.6	
DEPTH=	2.2	2.9	1.2	.5	5.1	1.3	1.2	1.6	

*SECNO 14.809

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8474.0 10252.8 TYPE= 1 TARGET= 1778.800

14.809	10.00	1097.10	1095.06	.00	1098.01	.91	1.60	.08	1095.90
34500.0	1333.6	33086.7	79.7	669.0	4239.2	42.6	16017.5	3839.8	1095.20
3.80	1.99	7.80	1.87	.045	.035	.045	.000	1087.10	8562.48
.002837	510.	531.	540.	2	8	0	.00	1657.00	10235.61

FLOW DISTRIBUTION FOR SECNO= 14.81 CWSEL= 1097.10

STA=	8562.	9403.	9537.	10196.	10236.
PER Q=	3.0	.8	95.9	.2	
AREA=	520.6	148.3	4239.2	42.6	
VEL=	2.0	2.0	7.8	1.9	
DEPTH=	.6	1.1	6.4	1.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14.905

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.44

3470 ENCROACHMENT STATIONS= 8974.3 10303.0 TYPE= 1 TARGET= 1328.700

14.905	10.01	1098.61	1095.53	.00	1099.03	.43	.97	.05	1095.00
34500.0	2505.9	26072.1	5922.0	1028.9	4642.1	1380.5	16087.4	3857.0	1092.80
3.82	2.44	5.62	4.29	.045	.035	.045	.000	1088.60	8985.33
.001374	500.	509.	510.	2	19	0	.00	1313.41	10298.75

FLOW DISTRIBUTION FOR SECNO= 14.90 CWSEL= 1098.61

STA=	8985.	9118.	9380.	9392.	10080.	10149.	10197.	10249.	10299.
PER Q=	3.5	3.4	.4	75.6	5.7	4.8	4.5	2.1	
AREA=	434.2	548.3	46.3	4642.1	455.6	356.5	355.9	212.5	
VEL=	2.8	2.1	2.9	5.6	4.3	4.7	4.4	3.4	
DEPTH=	3.3	2.1	3.7	6.8	6.6	7.5	6.8	4.3	

*SECNO 15.000

3470 ENCROACHMENT STATIONS= 9175.6 10600.0 TYPE= 1 TARGET= 1424.400

15.000	10.59	1099.39	1097.22	.00	1099.91	.52	.85	.03	1098.00
34500.0	781.7	26291.8	7426.5	298.5	4191.4	1816.4	16163.9	3872.2	1097.00
3.85	2.62	6.27	4.09	.045	.035	.045	.000	1088.80	9183.79
.002152	500.	501.	495.	2	9	0	.00	1339.16	10522.95

FLOW DISTRIBUTION FOR SECNO= 15.00 CWSEL= 1099.39

STA=	9184.	9346.	10082.	10241.	10362.	10457.	10495.	10523.
PER Q=	2.3	76.2	4.5	6.3	6.8	3.2	.6	
AREA=	298.5	4191.4	480.5	533.3	504.2	224.0	74.4	
VEL=	2.6	6.3	3.2	4.1	4.7	4.9	2.9	
DEPTH=	1.8	5.7	3.0	4.4	5.3	5.8	2.7	

*SECNO 15.094

3470 ENCROACHMENT STATIONS= 9293.4 11152.4 TYPE= 1 TARGET= 1859.000

15.094	10.58	1100.48	1098.37	.00	1100.92	.44	1.00	.01	1099.10
34500.0	75.2	26088.3	8336.5	43.2	4458.4	2582.5	16240.2	3889.2	1094.70
3.87	1.74	5.85	3.23	.045	.035	.045	.000	1089.90	9301.67
.001894	495.	496.	495.	2	15	0	.00	1653.78	10955.45

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 15.09 CWSEL= 1100.48

STA=	9302.	9336.	10125.	10190.	10349.	10524.	10641.	10828.	10931.	10955.
PER Q=	.2	75.6	3.6	5.0	5.4	3.4	3.6	3.0	.2	
AREA=	43.2	4458.4	302.3	534.4	578.2	369.1	436.8	327.5	34.2	
VEL=	1.7	5.9	4.1	3.2	3.2	3.2	2.8	3.2	1.8	
DEPTH=	1.3	5.7	4.7	3.4	3.3	3.2	2.3	3.2	1.4	

*SECNO 15.188

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9360.1 11050.0 TYPE= 1 TARGET= 1689.900

15.188	12.32	1101.32	1099.99	.00	1102.25	.93	1.19	.15	1097.30
34500.0	50.2	29547.6	4902.2	17.7	3575.2	1509.6	16306.7	3905.5	1100.40
3.89	2.84	8.26	3.25	.045	.035	.045	.000	1089.00	9495.92
.003307	550.	495.	435.	2	8	0	.00	1414.78	11050.00

FLOW DISTRIBUTION FOR SECNO= 15.19 CWSEL= 1101.32

STA=	9496.	9505.	10076.	10342.	10424.	10520.	11030.	11050.
PER Q=	.1	85.6	3.7	3.4	3.3	3.4	.3	
AREA=	17.7	3575.2	433.6	274.8	290.2	470.2	40.8	
VEL=	2.8	8.3	2.9	4.3	4.0	2.5	2.9	
DEPTH=	2.0	6.3	1.6	3.4	3.0	.9	2.0	

*SECNO 15.281

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9602.8 10950.0 TYPE= 1 TARGET= 1347.200

15.281	10.27	1102.87	1102.28	.00	1103.94	1.07	1.65	.04	1098.10
34500.0	1930.1	23872.9	8697.0	367.2	2485.1	2255.5	16361.7	3919.6	1101.40
3.91	5.26	9.61	3.86	.045	.035	.045	.000	1092.60	9655.64
.003562	560.	491.	425.	2	14	0	.00	1293.97	10950.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 15.28 CWSEL= 1102.87

STA=	9656.	9743.	10078.	10295.	10420.	10502.	10651.	10882.	10950.
PER Q=	5.6	69.2	4.7	4.9	3.4	3.1	7.9	1.2	
AREA=	367.2	2485.1	470.8	396.3	269.2	310.3	676.8	132.2	
VEL=	5.3	9.6	3.5	4.3	4.4	3.4	4.0	3.1	
DEPTH=	4.2	7.4	2.2	3.2	3.3	2.1	2.9	1.9	

*SECNO 15.374

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9822.0 10770.0 TYPE= 1 TARGET= 948.000

15.374	10.46	1104.26	1104.11	.00	1106.15	1.88	1.96	.24	1101.30
34500.0	14.0	26434.1	8051.8	5.0	2144.3	1755.6	16408.5	3930.6	1101.90
3.92	2.81	12.33	4.59	.040	.035	.045	.000	1093.80	9829.03
.004942	540.	491.	400.	2	5	0	.00	936.64	10770.00

FLOW DISTRIBUTION FOR SECNO= 15.37 CWSEL= 1104.26

STA=	9829.	9832.	10086.	10190.	10263.	10352.	10505.	10594.	10757.	10770.
PER Q=	.0	76.6	3.1	4.0	3.1	3.6	4.5	4.7	.4	
AREA=	5.0	2144.3	244.7	255.3	236.7	302.8	300.6	380.5	35.1	
VEL=	2.8	12.3	4.4	5.4	4.5	4.1	5.2	4.2	3.9	
DEPTH=	1.5	8.5	2.3	3.5	2.7	2.0	3.3	2.3	2.6	

*SECNO 15.469

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.61

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9701.0 10500.0 TYPE= 1 TARGET= 799.000

15.469	11.66	1106.86	1104.25	.00	1107.67	.81	1.42	.11	1097.50
34500.0	6918.6	18842.4	8739.1	1033.0	2233.0	2072.7	16459.3	3939.8	1100.40
3.94	6.70	8.44	4.22	.040	.035	.045	.000	1095.20	9709.79
.001905	515.	502.	440.	2	15	0	.00	785.78	10500.00

FLOW DISTRIBUTION FOR SECNO= 15.47 CWSEL= 1106.86

STA=	9710.	9778.	9804.	9830.	9848.	10077.	10129.	10199.	10298.	10389.	10446.	10496.	10500.
PER Q=	7.6	4.2	4.6	3.6	54.6	5.0	3.8	4.6	4.8	3.4	3.6	.1	
AREA=	413.1	218.7	229.0	172.2	2233.0	339.5	328.0	418.5	414.1	281.6	276.5	14.5	
VEL=	6.3	6.7	7.0	7.2	8.4	5.1	4.0	3.8	4.0	4.2	4.5	2.2	
DEPTH=	6.0	8.4	8.9	9.3	9.8	6.6	4.6	4.2	4.6	4.9	5.5	4.0	

*SECNO 15.564

70 ENCROACHMENT STATIONS= 9539.0 10300.0 TYPE= 1 TARGET= 761.000

15.564	11.66	1107.86	1105.26	.00	1108.74	.88	1.04	.02	1101.80
34500.0	21377.3	9592.7	3529.9	2969.4	1055.3	927.7	16517.1	3948.1	1103.60
3.96	7.20	9.09	3.81	.040	.035	.045	.000	1096.20	9559.99
.002320	520.	502.	435.	3	15	0	.00	740.01	10300.00

FLOW DISTRIBUTION FOR SECNO= 15.56 CWSEL= 1107.86

STA=	9560.	9613.	9664.	9765.	9784.	9801.	9819.	9862.	9893.	9920.	9936.	10047.	10124.
PER Q=	6.2	9.0	18.6	4.2	3.7	3.2	6.9	4.6	3.8	1.9	27.8	3.4	
AREA=	329.1	424.5	858.3	180.9	159.6	151.8	334.9	231.1	194.5	104.8	1055.3	298.5	
VEL=	6.5	7.3	7.5	8.0	8.0	7.3	7.1	6.8	6.7	6.2	9.1	3.9	
DEPTH=	6.2	8.3	8.5	9.5	9.4	8.3	7.9	7.4	7.3	6.5	9.5	3.9	

STA=	10124.	10218.	10300.
PER Q=	3.0	3.8	
AREA=	298.6	330.6	
VEL=	3.5	3.9	
DEPTH=	3.2	4.0	

*SECNO 15.658

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9447.0 10150.0 TYPE= 1 TARGET= 703.000

15.658	11.96	1109.06	1105.80	.00	1109.88	.82	1.14	.01	1107.70
34500.0	24078.2	9290.6	1131.1	3313.4	1231.6	264.6	16573.8	3956.4	1103.10
3.98	7.27	7.54	4.27	.040	.035	.040	.000	1097.10	9451.44
.002159	520.	497.	450.	2	19	0	.00	698.56	10150.00

FLOW DISTRIBUTION FOR SECNO= 15.66 CWSEL= 1109.06

STA=	9451.	9484.	9526.	9568.	9593.	9624.	9661.	9693.	9732.	9772.	9843.	9920.	10084.
PER Q=	4.3	9.0	9.7	5.8	7.0	9.3	7.7	8.7	4.5	3.2	.6	26.9	
AREA=	221.5	400.4	419.4	251.0	302.3	391.6	324.8	381.6	259.1	265.1	96.6	1231.6	
VEL=	6.6	7.7	8.0	8.0	8.0	8.2	8.2	7.9	6.0	4.2	2.0	7.5	
DEPTH=	6.9	9.5	10.0	10.0	9.9	10.4	10.4	9.8	6.5	3.7	1.2	7.5	

STA=	10084.	10150.
PER Q=	3.3	
AREA=	264.6	
VEL=	4.3	
DEPTH=	4.0	

*SECNO 15.719

3470 ENCROACHMENT STATIONS= 9385.2 10150.0 TYPE= 1 TARGET= 764.800

15.719	16.05	1109.75	1106.17	.00	1110.59	.83	.70	.00	1109.40
34500.0	21462.0	13038.0	.0	3176.7	1592.4	.0	16611.3	3961.7	1114.50
3.99	6.76	8.19	.00	.040	.035	.000	.000	1093.70	9387.19
.001969	350.	323.	310.	2	9	0	.00	666.37	10053.56

FLOW DISTRIBUTION FOR SECNO= 15.72 CWSEL= 1109.75

STA=	9387.	9508.	9559.	9593.	9632.	9674.	9771.	9885.	10060.
PER Q=	27.3	11.2	7.3	7.0	4.5	3.1	1.7	37.8	
AREA=	1209.4	505.1	335.4	341.8	272.6	303.7	208.6	1592.4	
VEL=	7.8	7.7	7.5	7.1	5.7	3.5	2.8	8.2	
DEPTH=	10.0	10.0	9.8	8.9	6.4	3.1	1.8	9.5	

*SECNO 15.814

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9375.0 10150.0 TYPE= 1 TARGET= 775.000

15.814	16.25	1110.65	1107.97	.00	1111.82	1.17	1.13	.10	1108.90
34500.0	15596.8	18903.2	.0	2261.2	1903.6	.0	16662.9	3969.4	1115.90
4.01	6.90	9.93	.00	.040	.035	.000	.000	1094.40	9384.62
.002585	505.	502.	505.	2	12	0	.00	653.15	10037.77

FLOW DISTRIBUTION FOR SECNO= 15.81 CWSEL= 1110.65

STA=	9385.	9412.	9430.	9447.	9473.	9499.	9522.	9550.	9580.	9741.	9850.	10049.
PER Q=	3.1	6.4	6.1	7.4	5.0	3.7	4.2	3.2	4.9	1.3	54.8	
AREA=	160.9	222.3	205.7	280.0	217.1	177.8	202.1	178.1	446.8	170.5	1903.6	
VEL=	6.7	9.9	10.2	9.1	7.9	7.2	7.1	6.2	3.8	2.6	9.9	
DEPTH=	5.9	12.1	12.5	10.6	8.5	7.5	7.3	6.0	2.8	1.6	10.1	

*SECNO 15.909

70 ENCROACHMENT STATIONS= 9330.0 10200.0 TYPE= 1 TARGET= 870.000

15.909	14.27	1112.07	1107.88	.00	1112.77	.70	.91	.05	1108.70
34500.0	15160.3	19339.7	.0	2937.8	2510.5	.0	16717.8	3977.1	1114.10
4.03	5.16	7.70	.00	.040	.035	.000	.000	1097.80	9347.63
.001354	495.	499.	505.	2	14	0	.00	708.55	10056.19

FLOW DISTRIBUTION FOR SECNO= 15.91 CWSEL= 1112.07

STA=	9348.	9386.	9439.	9485.	9533.	9565.	9647.	9717.	9832.	10060.
PER Q=	6.3	12.2	7.4	5.1	3.4	3.1	3.6	2.8	56.1	
AREA=	353.9	606.6	423.1	344.4	231.6	314.6	328.9	334.7	2510.5	
VEL=	6.2	6.9	6.0	5.1	5.1	3.4	3.8	2.9	7.7	
DEPTH=	9.2	11.4	9.3	7.2	7.2	3.8	4.7	2.9	11.2	

*SECNO 16.004

3470 ENCROACHMENT STATIONS= 9257.0 10250.0 TYPE= 1 TARGET= 993.000

16.004	13.17	1112.87	1108.05	.00	1113.35	.48	.56	.02	1108.90
34500.0	17238.8	17261.2	.0	3872.0	2663.5	.0	16787.0	3985.9	1122.80
4.05	4.45	6.48	.00	.040	.035	.000	.000	1099.70	9260.63
.000933	505.	501.	500.	2	11	0	.00	802.26	10062.89

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 16.00 CWSEL= 1112.87

STA=	9261.	9330.	9366.	9418.	9504.	9589.	9646.	9808.	9831.	10077.
PER Q=	5.4	3.0	3.1	11.2	15.6	6.6	4.6	.6	50.0	
AREA=	452.7	252.3	295.5	781.0	949.5	480.2	583.6	77.2	2663.5	
VEL=	4.1	4.1	3.6	4.9	5.7	4.7	2.7	2.5	6.5	
DEPTH=	6.6	6.9	5.8	9.1	11.2	8.4	3.6	3.3	11.5	

*SECNO 16.099

3470 ENCROACHMENT STATIONS= 9192.0 10300.0 TYPE= 1 TARGET= 1108.000

16.099	12.52	1113.32	1109.90	.00	1113.91	.60	.52	.04	1105.50
34500.0	13293.7	21206.3	.0	3198.9	2943.6	.0	16860.1	3995.4	1120.70
4.08	4.16	7.20	.00	.040	.035	.000	.000	1100.80	9228.22
.001173	505.	500.	495.	2	16	0	.00	839.07	10067.29

FLOW DISTRIBUTION FOR SECNO= 16.10 CWSEL= 1113.32

STA=	9228.	9274.	9313.	9366.	9467.	9568.	9624.	9668.	9705.	9753.	9804.	10081.
PER Q=	3.5	4.3	3.6	4.3	3.2	3.0	4.3	3.5	4.0	5.0	61.5	
AREA=	270.3	296.6	303.5	437.7	363.2	279.3	315.3	258.3	309.8	364.8	2943.6	
VEL=	4.4	4.9	4.1	3.4	3.0	3.7	4.7	4.7	4.4	4.7	7.2	
DEPTH=	5.9	7.7	5.7	4.3	3.6	5.0	7.1	7.0	6.5	7.1	11.2	

*SECNO 16.195

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9252.0 10350.0 TYPE= 1 TARGET= 1098.000

16.195	12.90	1113.70	1110.27	.00	1114.85	1.15	.77	.17	1105.40
34500.0	2928.8	31571.2	.0	668.1	3546.0	.0	16920.6	4003.5	1122.50
4.09	4.38	8.90	.00	.040	.035	.000	.000	1100.80	9345.85
.002027	510.	507.	505.	2	15	0	.00	561.69	10076.91

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 16.19 CWSEL= 1113.70

STA=	9346.	9351.	9357.	9534.	9567.	9582.	9615.	9644.	9662.	9691.	9721.	9729.	10090.
PER Q=	.0	.0	.1	1.4	.6	.3	.0	.3	1.8	2.8	1.0	91.5	
AREA=	4.5	5.3	12.5	121.3	53.9	52.4	10.0	38.0	134.8	177.8	57.7	3546.0	
VEL=	1.5	1.5	2.1	4.0	3.9	2.3	.8	2.7	4.7	5.5	6.2	8.9	
DEPTH=	.9	.9	.1	3.7	3.5	1.6	.3	2.1	4.6	5.9	7.4	10.2	

*SECNO 16.289

3470 ENCROACHMENT STATIONS= 9353.0 10350.0 TYPE= 1 TARGET= 997.000

16.289	13.89	1114.69	1110.94	.00	1115.88	1.18	1.02	.01	1111.70
34500.0	325.6	34174.4	.0	116.1	3895.6	.0	16967.9	4009.4	1121.80
4.11	2.81	8.77	.00	.040	.035	.000	.000	1100.80	9623.39
.002048	510.	500.	500.	2	16	0	.00	455.08	10078.46

FLOW DISTRIBUTION FOR SECNO= 16.29 CWSEL= 1114.69

A=	9623.	9648.	9684.	10090.
PER Q=	.1	.8	99.1	
AREA=	26.1	90.0	3895.6	
VEL=	1.8	3.1	8.8	
DEPTH=	1.1	2.5	9.9	

*SECNO 16.385

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 9392.8 10250.0 TYPE= 1 TARGET= 857.200

16.385	11.92	1115.62	1115.62	.00	1118.56	2.94	1.90	.53	1114.50
34500.0	746.3	33753.7	.0	153.8	2429.5	.0	17006.2	4014.8	1127.10
4.12	4.85	13.89	.00	.040	.035	.000	.000	1103.70	9617.34
.008958	505.	507.	505.	0	15	0	.00	470.37	10087.71

FLOW DISTRIBUTION FOR SECNO= 16.39 CWSEL= 1115.62

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	9617.	9621.	9663.	9713.	10106.
PER Q=	.0	1.0	1.1	97.8	
AREA=	2.9	71.6	79.2	2429.5	
VEL=	2.7	5.1	4.8	13.9	
DEPTH=	.7	1.7	1.6	6.5	

*SECNO 16.471

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.17

3470 ENCROACHMENT STATIONS= 9307.0 10263.5 TYPE= 1 TARGET= 956.500

16.471	13.72	1119.12	1115.46	.00	1120.41	1.29	1.69	.16	1112.00
36000.0	1118.8	34642.3	238.9	242.5	3740.1	57.8	17040.6	4019.5	1113.60
4.13	4.61	9.26	4.14	.040	.035	.040	.000	1105.40	9741.13
.002069	410.	454.	580.	2	15	0	.00	438.30	10179.43

FLOW DISTRIBUTION FOR SECNO= 16.47 CWSEL= 1119.12

STA=	9741.	9761.	9765.	9771.	9802.	9807.	10163.	10170.	10179.
PER Q=	.1	.1	.2	2.2	.5	96.2	.5	.2	
AREA=	23.5	9.3	18.0	158.6	33.1	3740.1	35.3	22.5	
VEL=	1.9	3.0	3.5	5.0	5.9	9.3	5.0	2.8	
DEPTH=	1.2	2.3	3.2	5.1	6.6	10.5	5.1	2.4	

CCHV= .300 CEHV= .500
*SECNO 16.482

3470 ENCROACHMENT STATIONS= 9750.0 10290.0 TYPE= 1 TARGET= 540.000

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***** GRAND AVENUE **********
***** LOW CHORD = 1126.6 ****
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16.482	14.05	1119.65	1114.86	.00	1120.61	.96	.10	.10	1122.10
36000.0	.0	35997.2	2.8	.0	4567.4	2.4	17046.3	4020.0	1117.60
4.14	.00	7.88	1.17	.000	.035	.040	.000	1105.60	9788.39
.001505	45.	58.	70.	2	19	0	.00	437.96	10226.35

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 16.48 CWSEL= 1119.65

STA=	9788.	10220.	10226.
PER Q=	100.0	.0	
AREA=	4567.4	2.4	
VEL=	7.9	1.2	
DEPTH=	10.6	.4	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	400.00	27.00	8080.20	3.50	1109.00	1109.00

*SECNO 16.506
BTCARD, BRIDGE STENCL= 9730.00 STENCR= 10265.00
CLASS A LOW FLOW

20 BRIDGE W.S.= 1119.49 BRIDGE VELOCITY= 8.38 CALCULATED CHANNEL AREA= 4297.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1120.80	.17	0.	36000.	8080.	9221.	1129.70	1130.60	0.

3470 ENCROACHMENT STATIONS= 9730.0 10265.0 TYPE= 1 TARGET= 535.000

16.506	14.42	1119.82	.00	.00	1120.80	.98	.19	.00	1122.20
36000.0	.0	36000.0	.0	.0	4529.6	.0	17059.6	4021.3	1122.40
4.14	.00	7.95	.00	.000	.035	.000	.000	1105.40	9777.90
.001674	125.	127.	125.	0	0	0	.00	460.30	10238.20

FLOW DISTRIBUTION FOR SECNO= 16.51 CWSEL= 1119.82

STA=	9778.	10245.
PER Q=	100.0	
AREA=	4529.6	
VEL=	7.9	
DEPTH=	9.8	

*SECNO 16.514

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9780.0 10251.0 TYPE= 1 TARGET= 471.000

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***** SANTA FE R.R. *********
***** LOW CHORD = 1129.9 ****
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16.514	13.97	1119.67	1116.35	.00	1121.12	1.45	.08	.23	1117.10
36000.0	3.8	35389.3	606.9	2.4	3635.3	156.3	17063.6	4021.8	1115.60
4.14	1.54	9.73	3.88	.040	.035	.040	.000	1105.70	9798.59
.002440	42.	42.	42.	2	19	0	.00	425.34	10223.93

FLOW DISTRIBUTION FOR SECNO= 16.51 CWSEL= 1119.67

STA=	9799.	9801.	10163.	10176.	10197.	10208.	10220.	10224.
PER Q=	.0	98.3	.7	.7	.2	.1	.0	
AREA=	2.4	3635.3	55.3	67.2	20.5	12.6	.7	
VEL=	1.5	9.7	4.7	3.9	2.9	1.9	.6	
DEPTH=	1.3	10.0	4.1	3.2	2.0	1.0	.2	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.60	.00	390.00	72.00	7100.00	2.00	1110.00	1110.00

*SECNO 16.518
BTCARD, BRIDGE STENCL= 9775.00 STENCR= 10260.00
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1118.09 BRIDGE VELOCITY= 13.32 CALCULATED CHANNEL AREA= 2703.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1122.00	1.13	0.	36000.	7100.	7120.	1129.90	1132.00	0.

3470 ENCROACHMENT STATIONS= 9775.0 10260.0 TYPE= 1 TARGET= 485.000

16.518	15.10	1120.80	.00	.00	1122.00	1.20	.88	.00	1113.30
36000.0	383.8	34900.2	716.0	95.3	3914.0	201.8	17067.3	4022.2	1115.20
4.14	4.03	8.92	3.55	.050	.040	.050	.000	1105.70	9794.61
.002368	40.	40.	40.	0	0	0	.00	435.14	10229.75

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 16.52 CWSEL= 1120.80

STA=	9795.	9802.	9817.	10174.	10186.	10217.	10225.	10230.
PER Q=	.1	1.0	96.9	.7	1.1	.2	.0	
AREA=	14.3	81.0	3914.0	58.6	115.3	21.6	6.3	
VEL=	2.3	4.3	8.9	4.3	3.4	2.8	1.6	
DEPTH=	1.8	5.4	11.0	5.1	3.6	2.7	1.3	

CCHV= .100 CEHV= .300
*SECNO 16.612

3470 ENCROACHMENT STATIONS= 9793.5 10286.5 TYPE= 1 TARGET= 493.000

16.612	13.64	1121.94	1117.34	.00	1123.14	1.20	1.13	.00	1112.10
36000.0	140.7	35607.6	251.7	45.0	4033.8	77.9	17114.6	4026.7	1115.60
4.16	3.13	8.83	3.23	.050	.040	.050	.000	1108.30	9799.05
.002207	545.	499.	260.	2	14	0	.00	387.02	10186.07

W DISTRIBUTION FOR SECNO= 16.61 CWSEL= 1121.94

STA=	9799.	9808.	10161.	10168.	10186.
PER Q=	.4	98.9	.4	.3	
AREA=	45.0	4033.8	35.1	42.8	
VEL=	3.1	8.8	4.2	2.4	
DEPTH=	4.9	11.4	5.5	2.3	

*SECNO 16.707

3470 ENCROACHMENT STATIONS= 9790.4 10276.3 TYPE= 1 TARGET= 485.899

16.707	15.40	1123.10	1118.11	.00	1124.22	1.12	1.08	.01	1112.60
36000.0	181.0	35819.0	.0	55.4	4205.6	.0	17162.9	4031.1	1124.60
4.18	3.27	8.52	.00	.050	.040	.000	.000	1107.70	9794.94
.002096	500.	500.	510.	0	15	0	.00	383.73	10178.67

FLOW DISTRIBUTION FOR SECNO= 16.71 CWSEL= 1123.10

STA=	9795.	9806.	10185.
PER Q=	.5	99.5	
AREA=	55.4	4205.6	
VEL=	3.3	8.5	
DEPTH=	5.2	11.3	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 16.801

3470 ENCROACHMENT STATIONS= 9711.5 10200.0 TYPE= 1 TARGET= 488.500

16.801	21.52	1124.22	1118.49	.00	1125.17	.95	.93	.02	1112.70
36000.0	1620.7	34379.3	.0	418.2	4315.3	.0	17214.3	4035.8	1128.10
4.19	3.88	7.97	.00	.050	.040	.000	.000	1102.70	9737.88
.001675	495.	498.	495.	2	8	0	.00	430.35	10168.23

FLOW DISTRIBUTION FOR SECNO= 16.80 CWSEL= 1124.22

STA=	9738.	9811.	10182.
PER Q=	4.5	95.5	
AREA=	418.2	4315.3	
VEL=	3.9	8.0	
DEPTH=	5.8	12.1	

*SECNO 16.895

3470 ENCROACHMENT STATIONS= 9810.8 10200.0 TYPE= 1 TARGET= 389.200

16.895	15.19	1124.99	1119.57	.00	1126.07	1.08	.86	.04	1113.20
36000.0	290.1	35665.0	44.8	83.7	4261.1	22.9	17266.1	4040.3	1120.90
4.21	3.47	8.37	1.96	.050	.040	.050	.000	1109.80	9815.51
.001814	500.	495.	505.	2	14	0	.00	373.30	10188.81

FLOW DISTRIBUTION FOR SECNO= 16.90 CWSEL= 1124.99

STA=	9816.	9830.	10178.	10189.
PER Q=	.8	99.1	.1	
AREA=	83.7	4261.1	22.9	
VEL=	3.5	8.4	2.0	
DEPTH=	5.9	12.2	2.0	

*SECNO 16.990

3470 ENCROACHMENT STATIONS= 9725.4 10150.0 TYPE= 1 TARGET= 424.600

16.990	35.26	1125.86	1120.49	.00	1127.08	1.22	.96	.04	1113.30
36000.0	441.9	35558.1	.0	110.6	3993.6	.0	17314.7	4044.4	1125.60
4.23	4.00	8.90	.01	.050	.040	.050	.000	1090.60	9792.38
.002053	495.	500.	475.	1	18	0	.00	343.41	10135.79

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 16.99 CWSEL= 1125.86

STA=	9792.	9810.	10135.
PER Q=	1.2	98.8	
AREA=	110.6	3993.6	
VEL=	4.0	8.9	
DEPTH=	6.3	12.3	

*SECNO 17.085

3470 ENCROACHMENT STATIONS= 9678.3 10150.0 TYPE= 1 TARGET= 471.700

17.085	38.14	1127.04	1122.14	.00	1128.11	1.07	1.02	.01	1121.80
36000.0	41.8	35512.0	446.2	18.9	4246.6	117.2	17363.5	4048.8	1122.40
4.24	2.21	8.36	3.81	.050	.040	.050	.000	1088.90	9728.47
.002025	570.	501.	430.	2	10	0	.00	409.76	10138.24

FLOW DISTRIBUTION FOR SECNO= 17.08 CWSEL= 1127.04

STA=	9728.	9736.	10113.	10118.	10127.	10138.
PER Q=	.1	98.6	.3	.7	.3	
AREA=	18.9	4246.6	26.1	55.1	36.0	
VEL=	2.2	8.4	4.0	4.5	2.6	
DEPTH=	2.6	11.3	5.4	6.2	3.1	

*SECNO 17.180

3470 ENCROACHMENT STATIONS= 9468.1 10150.0 TYPE= 1 TARGET= 681.900

17.180	40.42	1128.12	1123.27	.00	1129.16	1.04	1.04	.00	1124.80
36000.0	879.1	35120.9	.0	347.6	4244.5	.0	17415.5	4054.4	1130.90
4.26	2.53	8.27	.00	.050	.040	.000	.000	1087.70	9569.10
.002125	645.	502.	350.	2	10	0	.00	536.58	10105.68

FLOW DISTRIBUTION FOR SECNO= 17.18 CWSEL= 1128.12

STA=	9569.	9574.	9615.	9655.	9668.	9711.	10113.
PER Q=	.0	.5	.6	.3	1.0	97.6	
AREA=	6.5	81.4	94.4	39.2	126.0	4244.5	
VEL=	1.5	2.2	2.4	2.9	2.8	8.3	
DEPTH=	1.4	2.0	2.4	3.0	2.9	10.8	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17.277

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.98

3470 ENCROACHMENT STATIONS= 9081.6 10370.0 TYPE= 1 TARGET= 1288.400

17.277	41.94	1129.54	1123.01	.00	1129.76	.22	.52	.08	1120.80
36000.0	14401.2	19587.6	2011.2	4623.4	4559.1	861.1	17510.3	4065.3	1126.20
4.30	3.11	4.30	2.34	.050	.040	.050	.000	1087.60	9230.33
.000544	700.	512.	305.	2	18	0	.00	1122.82	10370.00

FLOW DISTRIBUTION FOR SECNO= 17.28 CWSEL= 1129.54

STA=	9230.	9398.	9556.	9624.	9800.	10208.	10312.	10370.
PER Q=	4.1	14.5	8.5	12.9	54.4	4.9	.7	
AREA=	620.1	1610.4	832.1	1560.8	4559.1	698.6	162.6	
VEL=	2.4	3.2	3.7	3.0	4.3	2.5	1.5	
DEPTH=	3.7	10.1	12.3	8.9	11.2	6.8	2.8	

*SECNO 17.370

3470 ENCROACHMENT STATIONS= 8536.2 10208.5 TYPE= 1 TARGET= 1672.300

17.370	43.24	1129.84	1123.65	.00	1130.07	.22	.30	.00	1120.50
36000.0	15417.7	20533.4	48.9	5544.4	4660.5	37.1	17638.7	4080.0	1124.40
4.34	2.78	4.41	1.32	.050	.040	.050	.000	1086.60	8986.58
.000571	635.	487.	270.	2	13	0	.00	1187.56	10174.14

FLOW DISTRIBUTION FOR SECNO= 17.37 CWSEL= 1129.84

STA=	8987.	9169.	9256.	9431.	9555.	9724.	9740.	10161.	10174.
PER Q=	11.3	4.1	5.4	12.4	8.7	.9	57.0	.1	
AREA=	1431.3	579.4	914.1	1304.1	1195.7	119.9	4660.5	37.1	
VEL=	2.8	2.5	2.1	3.4	2.6	2.7	4.4	1.3	
DEPTH=	7.8	6.7	5.2	10.5	7.0	7.5	11.1	2.7	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17.458

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8689.6 10450.0 TYPE= 1 TARGET= 1760.400

17.458	38.94	1130.14	1124.84	.00	1130.40	.26	.32	.01	1126.40
36000.0	5833.9	29810.2	355.9	2049.1	6883.6	227.6	17743.9	4093.5	1129.30
4.37	2.85	4.33	1.56	.050	.040	.050	.000	1091.20	9014.04
.000848	485.	467.	350.	2	19	0	.00	1330.00	10350.05

FLOW DISTRIBUTION FOR SECNO= 17.46 CWSEL= 1130.14

STA=	9014.	9069.	9174.	9292.	9371.	10225.	10350.
PER Q=		3.0	6.3	4.7	2.2	82.8	1.0
AREA=		345.8	725.4	633.7	344.3	6883.6	227.6
VEL=		3.1	3.1	2.7	2.3	4.3	1.6
DEPTH=		6.3	6.9	5.4	4.4	8.1	1.8

*SECNO 17.548

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .67

3470 ENCROACHMENT STATIONS= 8808.5 10334.4 TYPE= 1 TARGET= 1525.900

17.548	25.61	1130.61	1126.99	.00	1131.02	.41	.57	.04	1126.80
36000.0	5570.5	30429.5	.0	1352.8	5752.6	.0	17831.8	4107.3	1136.20
4.40	4.12	5.29	.00	.050	.040	.000	.000	1105.00	8990.19
.001903	465.	473.	445.	2	15	0	.00	1228.55	10234.03

FLOW DISTRIBUTION FOR SECNO= 17.55 CWSEL= 1130.61

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8990.	9001.	9033.	9051.	9063.	9094.	9119.	9147.	9155.	9183.	9203.	9217.	9247.
PER Q=	.1	1.8	.9	.5	1.4	1.1	1.8	.8	4.3	1.1	.4	1.4	
AREA=	22.3	163.1	86.5	53.5	140.6	110.7	159.7	60.0	265.9	104.3	49.2	137.0	
VEL=	2.0	3.9	3.7	3.5	3.5	3.5	4.1	4.8	5.8	3.7	2.9	3.6	
DEPTH=	2.0	5.2	4.9	4.5	4.5	4.4	5.7	8.1	9.5	5.2	3.5	4.6	

STA=	9247.	10256.
PER Q=	84.5	
AREA=	5752.6	
VEL=	5.3	
DEPTH=	5.9	

*SECNO 17.638

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 8744.2 10386.4 TYPE= 1 TARGET= 1642.200

17.638	27.46	1133.86	1133.86	.00	1135.53	1.67	2.19	.38	1130.80
37500.0	22065.7	15423.0	11.3	2176.3	1445.0	5.6	17891.0	4120.4	1134.60
4.41	10.14	10.67	2.01	.050	.040	.050	.000	1106.40	9158.67
.020216	490.	476.	450.	0	10	0	.00	1135.41	10319.92

FLOW DISTRIBUTION FOR SECNO= 17.64 CWSEL= 1133.86

STA=	9159.	9242.	9293.	9349.	9446.	9498.	9545.	9590.	9696.	9751.	9775.	10288.	10320.
PER Q=	4.5	5.2	6.0	10.4	3.4	5.0	4.8	11.3	5.9	2.5	41.1	.0	
AREA=	187.4	190.2	214.6	374.1	145.0	181.8	171.4	408.4	212.7	90.6	1445.0	5.6	
VEL=	9.0	10.2	10.4	10.4	8.7	10.4	10.4	10.4	10.4	10.2	10.7	2.0	
DEPTH=	2.2	3.8	3.9	3.9	2.8	3.9	3.9	3.9	3.9	3.8	2.9	.2	

*SECNO 17.730

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.34

3470 ENCROACHMENT STATIONS= 8355.0 10373.1 TYPE= 1 TARGET= 2018.100

17.730	38.44	1138.24	1137.30	.00	1139.09	.85	3.48	.08	1136.40
37500.0	7213.3	29532.5	754.2	2395.6	3608.0	227.0	17945.4	4137.0	1134.40
4.43	3.01	8.19	3.32	.050	.040	.050	.000	1099.80	8381.71
.003678	475.	486.	490.	5	16	0	.00	1886.93	10361.85

FLOW DISTRIBUTION FOR SECNO= 17.73 CWSEL= 1138.24

STA=	8382.	8619.	9015.	9187.	9375.	9543.	9719.	9727.	10247.	10362.
PER Q=	3.1	3.1	3.2	3.5	3.1	3.2	.1	78.8	2.0	
AREA=	382.3	427.5	384.7	422.8	375.7	389.6	13.0	3608.0	227.0	
VEL=	3.1	2.7	3.1	3.1	3.1	3.1	2.6	8.2	3.3	
DEPTH=	1.6	1.1	2.2	2.2	2.2	2.2	1.7	6.9	2.0	

*SECNO 17.821

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

3470 ENCROACHMENT STATIONS= 8350.0 10270.0 TYPE= 1 TARGET= 1920.000

17.821	9.61	1139.61	1137.83	.00	1140.25	.64	1.14	.02	1137.00
37500.0	8665.4	28620.8	213.8	3320.3	3971.4	101.7	18020.0	4157.4	1138.70
4.45	2.61	7.21	2.10	.045	.035	.050	.000	1130.00	8350.00
.001663	475.	478.	480.	3	18	0	.00	1850.84	10270.00

FLOW DISTRIBUTION FOR SECNO= 17.82 CWSEL= 1139.61

STA=	8350.	8496.	8865.	9042.	9239.	9478.	9666.	9765.	10228.	10270.
PER Q=	3.1	4.0	3.1	3.5	4.2	3.3	1.8	76.3	.6	
AREA=	315.9	657.0	460.9	515.9	623.6	489.3	257.7	3971.4	101.7	
VEL=	3.7	2.3	2.6	2.6	2.6	2.6	2.6	7.2	2.1	
DEPTH=	2.2	1.8	2.6	2.6	2.6	2.6	2.6	8.6	2.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17.910

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

3470 ENCROACHMENT STATIONS= 8380.0 10930.0 TYPE= 1 TARGET= 2550.000

17.910	10.47	1140.47	1136.54	.00	1140.78	.31	.50	.03	1138.00
37500.0	5554.6	26479.8	5465.6	3361.8	5136.2	2461.4	18115.6	4179.9	1133.30
4.48	1.65	5.16	2.22	.045	.035	.050	.000	1130.00	8380.00
.000750	445.	475.	400.	2	14	0	.00	2550.00	10930.00

FLOW DISTRIBUTION FOR SECNO= 17.91 CWSEL= 1140.47

STA=	8380.	8696.	8972.	9252.	9563.	9740.	10288.	10515.	10702.	10930.
PER Q=	3.4	3.0	3.1	3.4	1.9	70.6	8.4	5.1	1.1	
AREA=	781.0	681.9	692.5	769.4	437.1	5136.2	1241.7	852.6	367.1	
VEL=	1.6	1.7	1.7	1.7	1.7	5.2	2.5	2.2	1.1	
DEPTH=	2.5	2.5	2.5	2.5	2.5	9.4	5.5	4.6	1.6	

*SECNO 18.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8450.0 10900.0 TYPE= 1 TARGET= 2450.000

18.000	10.86	1140.86	1137.21	.00	1141.20	.33	.41	.01	1135.20
37500.0	3462.1	23969.4	10068.5	2199.6	4449.7	3260.6	18228.4	4206.0	1136.70
4.51	1.57	5.39	3.09	.045	.035	.050	.000	1130.00	8450.00
.000993	435.	475.	500.	2	19	0	.00	2374.79	10844.31

FLOW DISTRIBUTION FOR SECNO= 18.00 CWSEL= 1140.86

STA=	8450.	8960.	9345.	9656.	10206.	10381.	10435.	10476.	10689.	10844.
PER Q=	4.0	3.0	2.2	63.9	6.0	5.5	5.5	7.8	2.1	
AREA=	950.3	717.3	532.0	4449.7	841.7	496.0	451.9	1056.4	414.7	
VEL=	1.6	1.6	1.6	5.4	2.7	4.1	4.6	2.8	1.9	
DEPTH=	1.9	1.9	1.7	8.1	4.8	9.1	10.9	5.0	2.7	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.093

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8520.0 10855.0 TYPE= 1 TARGET= 2335.000

18.093	11.47	1141.37	1138.46	.00	1141.89	.51	.64	.05	1138.20
37500.0	2474.7	24879.4	10145.9	1465.5	3829.3	2425.3	18327.4	4229.7	1137.80
4.54	1.69	6.50	4.18	.045	.035	.050	.000	1129.90	8520.00
.001727	430.	491.	525.	2	16	0	.00	2053.04	10665.07

FLOW DISTRIBUTION FOR SECNO= 18.09 CWSEL= 1141.37

STA=	8520.	9145.	9692.	10232.	10428.	10499.	10542.	10653.	10665.
PER Q=	3.9	2.7	66.3	8.9	6.2	7.1	4.9	.1	
AREA=	859.2	606.3	3829.3	944.9	496.9	449.3	514.8	19.3	
VEL=	1.7	1.7	6.5	3.5	4.7	5.9	3.5	1.6	
DEPTH=	1.4	1.1	7.1	4.8	7.1	10.4	4.6	1.6	

*SECNO 18.182

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8640.0 10730.0 TYPE= 1 TARGET= 2090.000

18.182	12.37	1142.17	1139.93	.00	1142.91	.74	.95	.07	1137.10
37500.0	2442.3	25591.5	9466.2	1263.5	3244.0	2158.9	18404.5	4250.0	1138.30
4.56	1.93	7.89	4.38	.045	.035	.050	.000	1129.80	8640.00
.002397	410.	467.	500.	2	11	0	.00	1928.79	10622.06

FLOW DISTRIBUTION FOR SECNO= 18.18 CWSEL= 1142.17

STA=	8640.	9179.	9739.	10176.	10391.	10470.	10516.	10548.	10588.	10622.
PER Q=	3.0	3.5	68.2	8.3	3.5	4.3	4.3	4.0	.8	
AREA=	630.4	633.1	3244.0	854.3	342.7	309.4	269.6	282.1	100.8	
VEL=	1.8	2.1	7.9	3.6	3.9	5.2	5.9	5.4	3.0	
DEPTH=	1.2	1.1	7.4	4.0	4.3	6.8	8.2	7.1	3.0	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.275

3470 ENCROACHMENT STATIONS= 8740.0 10715.0 TYPE= 1 TARGET= 1975.000

18.275	13.31	1143.41	1141.78	.00	1144.11	.70	1.19	.00	1139.50
37500.0	4623.5	25511.1	7365.4	1741.6	3279.3	1865.0	18480.6	4270.8	1140.10
4.58	2.65	7.78	3.95	.045	.035	.050	.000	1130.10	8779.86
.002453	450.	491.	515.	3	8	0	.00	1873.00	10652.87

FLOW DISTRIBUTION FOR SECNO= 18.27 CWSEL= 1143.41

STA=	8780.	9188.	9580.	9699.	9752.	10211.	10415.	10517.	10612.	10653.
PER Q=	3.1	4.6	3.3	1.3	68.0	6.6	4.4	6.7	1.9	
AREA=	569.0	670.0	354.6	147.8	3279.3	726.0	429.8	538.0	171.1	
VEL=	2.0	2.6	3.5	3.3	7.8	3.4	3.8	4.7	4.1	
DEPTH=	1.4	1.7	3.0	2.8	7.2	3.6	4.2	5.7	4.2	

*SECNO 18.369

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .68

3470 ENCROACHMENT STATIONS= 8820.0 10759.0 TYPE= 1 TARGET= 1939.000

18.369	20.92	1145.02	1144.24	.00	1145.90	.89	1.74	.06	1144.70
37500.0	6451.8	17960.5	13087.8	1733.0	1919.9	2169.4	18552.7	4290.9	1141.70
4.60	3.72	9.35	6.03	.045	.035	.050	.000	1124.10	8820.00
.005324	435.	499.	540.	3	17	0	.00	1820.37	10640.37

FLOW DISTRIBUTION FOR SECNO= 18.37 CWSEL= 1145.02

STA=	8820.	9007.	9170.	9319.	9467.	9651.	9784.	10148.	10260.	10328.	10361.	10394.	10535.
PER Q=	3.9	3.4	3.1	3.1	3.4	.4	47.9	4.5	3.5	3.9	4.4	10.8	
AREA=	377.0	329.9	301.3	297.8	344.4	82.7	1919.9	360.9	251.8	201.1	217.4	661.6	
VEL=	3.8	3.8	3.8	3.8	3.7	1.9	9.4	4.7	5.2	7.2	7.6	6.1	
DEPTH=	2.0	2.0	2.0	2.0	1.9	.6	5.3	3.2	3.7	6.0	6.6	4.7	

STA=	10535.	10590.	10623.	10640.
PER Q=	4.2	3.3	.3	
AREA=	258.0	182.9	35.8	
VEL=	6.1	6.8	3.4	
DEPTH=	4.7	5.5	2.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.464

3470 ENCROACHMENT STATIONS= 8900.0 10590.4 TYPE= 1 TARGET= 1690.400

18.464	10.43	1147.43	1145.96	.00	1148.00	.57	2.07	.03	1146.20
37500.0	11096.3	16257.4	10146.2	2669.4	2195.7	1905.0	18624.3	4309.9	1143.40
4.62	4.16	7.40	5.33	.045	.035	.050	.000	1137.00	8900.00
.003279	435.	500.	555.	2	12	0	.00	1636.02	10536.02

FLOW DISTRIBUTION FOR SECNO= 18.46 CWSEL= 1147.43

STA=	8900.	9028.	9161.	9248.	9372.	9492.	9578.	9756.	10168.	10314.	10361.	10421.	10456.
PER Q=	5.0	5.2	3.4	4.9	4.7	3.4	3.0	43.4	7.6	3.6	7.9	4.2	
AREA=	439.5	455.3	299.5	426.1	409.0	295.1	344.9	2195.7	634.1	254.6	451.1	247.2	
VEL=	4.2	4.3	4.3	4.3	4.3	4.3	3.2	7.4	4.5	5.2	6.5	6.3	
DEPTH=	3.4	3.4	3.4	3.4	3.4	3.4	1.9	5.3	4.3	5.4	7.5	7.2	

STA=	10456.	10510.	10536.
PER Q=	3.3	.5	
AREA=	256.4	61.5	
VEL=	4.8	3.2	
DEPTH=	4.7	2.3	

*SECNO 18.558

3470 ENCROACHMENT STATIONS= 9000.0 10466.5 TYPE= 1 TARGET= 1466.500

18.558	12.55	1149.05	1147.75	.00	1149.76	.71	1.72	.04	1146.90
37500.0	9223.2	21124.3	7152.5	2221.0	2776.8	1066.1	18696.0	4326.9	1144.10
4.64	4.15	7.61	6.71	.045	.035	.050	.000	1136.50	9000.00
.003712	450.	500.	525.	2	8	0	.00	1453.58	10453.58

FLOW DISTRIBUTION FOR SECNO= 18.56 CWSEL= 1149.05

STA=	9000.	9093.	9265.	9361.	9472.	9571.	9671.	9750.	10301.	10354.	10406.	10441.	10454.
PER Q=	3.1	5.9	3.3	3.8	3.4	3.3	1.7	56.3	5.4	7.6	5.5	.6	
AREA=	283.6	522.9	294.5	338.4	301.6	299.1	180.8	2776.8	326.6	405.0	281.8	52.7	
VEL=	4.1	4.2	4.2	4.2	4.2	4.2	3.5	7.6	6.2	7.1	7.3	4.2	
DEPTH=	3.0	3.0	3.0	3.0	3.0	3.0	2.3	5.0	6.2	7.7	8.1	4.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.653

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9090.0 10468.3 TYPE= 1 TARGET= 1378.300

18.653	44.46	1150.76	1149.38	.00	1151.58	.82	1.79	.04	1147.50
37500.0	6782.1	27140.6	3577.3	1625.2	3414.4	541.7	18761.2	4341.8	1144.00
4.66	4.17	7.95	6.60	.045	.035	.050	.000	1106.30	9090.00
.003509	445.	502.	535.	1	16	0	.00	1257.92	10439.67

FLOW DISTRIBUTION FOR SECNO= 18.65 CWSEL= 1150.76

STA=	9090.	9368.	9483.	9627.	9755.	10362.	10423.	10440.
PER Q=	3.4	3.3	5.2	6.2	72.4	8.8	.7	
AREA=	391.2	318.4	431.9	483.7	3414.4	474.1	67.6	
VEL=	3.2	3.9	4.6	4.8	7.9	7.0	4.1	
DEPTH=	1.4	2.8	3.0	3.8	5.6	7.8	4.0	

*SECNO 18.748

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9150.0 10362.5 TYPE= 1 TARGET= 1212.500

18.748	60.88	1152.38	1150.72	.00	1153.45	1.07	1.79	.07	1148.00
37500.0	7024.2	30475.8	.0	1696.1	3391.8	.0	18820.4	4355.0	1153.90
4.68	4.14	8.99	.00	.045	.035	.000	.000	1091.50	9150.00
.003793	440.	501.	530.	2	14	0	.00	1180.97	10347.60

FLOW DISTRIBUTION FOR SECNO= 18.75 CWSEL= 1152.38

STA=	9150.	9389.	9521.	9666.	9746.	9819.	10349.
PER Q=	3.6	3.0	3.3	4.1	4.7	81.3	
AREA=	417.6	307.7	339.9	308.8	322.1	3391.8	
VEL=	3.2	3.7	3.6	5.0	5.5	9.0	
DEPTH=	1.7	2.3	2.3	3.9	4.5	6.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.839

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.46

3470 ENCROACHMENT STATIONS= 9250.0 10375.0 TYPE= 1 TARGET= 1125.000

18.839	34.12	1153.92	1150.97	.00	1154.67	.74	1.19	.03	1149.20
37500.0	4534.2	32941.0	24.9	1517.4	4516.3	12.7	18880.0	4366.8	1150.10
4.70	2.99	7.29	1.96	.045	.035	.050	.000	1119.80	9250.00
.001785	430.	480.	500.	2	12	0	.00	1083.25	10343.97

FLOW DISTRIBUTION FOR SECNO= 18.84 CWSEL= 1153.92

STA=	9250.	9446.	9665.	9775.	9788.	10337.	10344.
PER Q=	3.3	4.6	3.3	.9	87.8	.1	
AREA=	469.4	619.3	354.6	74.1	4516.3	12.7	
VEL=	2.7	2.8	3.5	4.4	7.3	2.0	
DEPTH=	2.4	2.8	3.2	5.6	8.2	1.8	

*SECNO 18.937

3470 ENCROACHMENT STATIONS= 9364.7 10482.5 TYPE= 1 TARGET= 1117.800

18.937	9.40	1155.10	1151.65	.00	1155.53	.43	.83	.03	1149.20
37500.0	11841.8	17244.9	8413.3	2700.9	2857.8	1802.4	18955.8	4378.8	1149.70
4.72	4.38	6.03	4.67	.045	.035	.050	.000	1145.70	9368.09
.001547	430.	513.	555.	2	25	0	.00	1094.44	10462.53

FLOW DISTRIBUTION FOR SECNO= 18.94 CWSEL= 1155.10

STA=	9368.	9445.	9558.	9608.	9710.	9783.	9816.	10231.	10277.	10330.	10419.	10446.	10463.
PER Q=	3.8	8.9	3.8	7.5	5.3	2.4	46.0	3.2	5.6	10.1	3.1	.5	
AREA=	357.2	734.0	314.6	638.9	453.4	202.8	2857.8	294.1	434.1	770.3	237.4	66.5	
VEL=	4.0	4.5	4.5	4.4	4.4	4.4	6.0	4.0	4.8	4.9	4.9	2.7	
DEPTH=	4.6	6.5	6.4	6.2	6.2	6.1	6.9	6.3	8.3	8.6	8.7	4.0	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CEHV= .500
*SECNO 18.962

3470 ENCROACHMENT STATIONS= 9391.2 10535.6 TYPE= 1 TARGET= 1144.399

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***** BELL ROAD *************
***** LOW CHORD = 1160.5 ****
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18.962	9.08	1155.28	1152.41	.00	1155.80	.52	.23	.05	1150.40
37500.0	10930.6	16614.2	9955.1	2311.6	2468.6	1909.9	18976.3	4381.9	1149.10
4.73	4.73	6.73	5.21	.045	.035	.050	.000	1146.20	9418.37
.002105	110.	132.	145.	2	23	0	.00	1065.08	10483.44

FLOW DISTRIBUTION FOR SECNO= 18.96 CWSEL= 1155.28

STA=	9418.	9435.	9840.	10224.	10226.	10251.	10260.	10281.	10287.	10416.	10466.	10483.
PER Q=	.4	28.7	44.3	.2	2.8	1.2	2.3	.5	13.6	5.4	.5	
AREA=	52.2	2259.4	2468.6	17.5	197.4	78.1	162.0	36.9	972.0	383.2	62.8	
VEL=	3.1	4.8	6.7	4.7	5.4	5.8	5.3	4.9	5.2	5.3	3.0	
DEPTH=	3.1	5.6	6.4	6.5	7.9	8.8	7.7	6.8	7.5	7.7	3.5	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	1050.00	60.00	16107.00	2.50	1149.50	1149.50

*SECNO 18.978
BTCARD, BRIDGE STENCL= 9397.30 STENCR= 10543.50
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1155.19 BRIDGE VELOCITY= 6.57 CALCULATED CHANNEL AREA= 5712.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1155.98	.08	0.	37500.	16107.	17230.	1166.20	1168.40	0.

3470 ENCROACHMENT STATIONS= 9397.3 10543.5 TYPE= 1 TARGET= 1146.200

18.978	7.86	1155.36	.00	.00	1155.98	.61	.17	.00	1151.20
37500.0	10359.3	16983.6	10157.0	2138.3	2345.0	1733.8	18989.5	4384.1	1147.80
4.73	4.84	7.24	5.86	.045	.035	.050	.000	1147.50	9425.06
.002641	90.	86.	90.	0	0	0	.00	1067.58	10492.64

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 18.98 CWSEL= 1155.36

STA=	9425.	9440.	9450.	9863.	9871.	10258.	10439.	10447.	10477.	10478.	10493.
PER Q=	.3	.8	26.1	.4	45.3	22.2	1.0	3.3	.1	.4	
AREA=	40.4	57.9	2007.1	32.9	2345.0	1399.2	62.9	216.5	7.3	48.0	
VEL=	3.2	5.3	4.9	4.4	7.2	6.0	6.0	5.8	5.3	3.2	
DEPTH=	2.8	5.6	4.9	4.2	6.1	7.7	7.9	7.3	6.6	3.2	

*SECNO 19.066

3470 ENCROACHMENT STATIONS= 9302.8 10778.8 TYPE= 1 TARGET= 1476.000

19.066	7.26	1156.66	1155.11	.00	1157.38	.72	1.35	.05	1155.00
37500.0	9986.2	20978.9	6534.9	1999.5	2653.8	1230.9	19051.6	4396.4	1154.30
4.75	4.99	7.91	5.31	.045	.035	.045	.000	1149.40	9356.48
.003401	395.	465.	490.	2	19	0	.00	1354.76	10711.24

FLOW DISTRIBUTION FOR SECNO= 19.07 CWSEL= 1156.66

A=	9356.	9451.	9521.	9649.	9744.	9870.	9886.	10349.	10555.	10595.	10627.	10685.	10711.
PER Q=	7.6	4.7	7.4	3.7	3.0	.1	55.9	3.6	3.8	4.3	4.2	1.5	
AREA=	476.8	325.1	547.6	317.5	310.5	21.9	2653.8	383.5	232.5	226.3	282.7	106.0	
VEL=	6.0	5.5	5.1	4.3	3.6	2.4	7.9	3.5	6.2	7.2	5.6	5.1	
DEPTH=	5.0	4.7	4.3	3.3	2.5	1.4	5.7	1.9	5.8	7.2	4.9	4.0	

CCHV= .100 CEHV= .300
*SECNO 19.162

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9000.0 10956.0 TYPE= 1 TARGET= 1956.000

19.162	7.52	1158.42	1157.10	.00	1159.07	.65	1.69	.01	1158.30
37500.0	5515.0	19813.0	12172.0	1501.1	2560.4	2381.9	19121.8	4414.5	1155.10
4.78	3.67	7.74	5.11	.045	.035	.045	.000	1150.90	9000.00
.003367	480.	505.	500.	2	15	0	.00	1851.71	10884.08

FLOW DISTRIBUTION FOR SECNO= 19.16 CWSEL= 1158.42

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	9000.	9175.	9426.	9495.	9804.	10262.	10387.	10418.	10468.	10548.	10703.	10779.	10825.
PER Q=	3.3	4.9	3.8	2.6	52.8	5.6	3.4	3.8	3.0	3.8	5.7	4.6	
AREA=	308.7	518.8	289.1	384.6	2560.4	425.5	194.3	250.6	262.0	388.2	380.6	273.1	
VEL=	4.0	3.5	5.0	2.6	7.7	5.0	6.6	5.6	4.4	3.7	5.6	6.3	
DEPTH=	1.8	2.1	4.2	1.2	5.6	3.4	6.4	5.0	3.3	2.5	5.0	5.9	

STA=	10825.	10884.
PER Q=	2.5	
AREA=	207.6	
VEL=	4.5	
DEPTH=	3.5	

*SECNO 19.256

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .69

3470 ENCROACHMENT STATIONS= 8680.0 11047.0 TYPE= 1 TARGET= 2367.000

19.256	6.72	1160.32	1160.29	.00	1161.52	1.20	2.29	.16	1158.30
37500.0	9690.2	17982.9	9826.9	1939.3	1621.1	1464.9	19185.5	4436.4	1161.00
4.79	5.00	11.09	6.71	.045	.035	.045	.000	1153.60	8680.00
.007012	470.	497.	480.	2	12	0	.00	2122.51	11024.73

FLOW DISTRIBUTION FOR SECNO= 19.26 CWSEL= 1160.32

STA=	8680.	8787.	9104.	9241.	9454.	9514.	9557.	9786.	10082.	10811.	10845.	10914.	10964.
PER Q=	3.5	3.1	3.5	3.4	3.4	4.0	5.1	48.0	4.0	3.4	7.0	5.7	
AREA=	255.5	333.9	251.7	255.8	202.4	194.6	445.5	1621.1	429.7	163.3	332.1	260.3	
VEL=	5.1	3.5	5.2	4.9	6.3	7.7	4.3	11.1	3.5	7.8	7.9	8.3	
DEPTH=	2.4	1.1	1.8	1.2	3.4	4.6	1.9	5.5	.6	4.8	4.8	5.2	

STA=	10964.	11000.	11025.
PER Q=	4.5	1.5	
AREA=	196.1	83.5	
VEL=	8.6	6.8	
DEPTH=	5.5	3.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 19.352

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.75

19.352	8.38	1162.98	1161.69	.00	1163.44	.46	1.84	.07	1160.20
37500.0	10532.0	15992.9	10975.1	3131.6	2193.0	2986.2	19261.1	4463.5	1162.10
4.82	3.36	7.29	3.68	.045	.035	.045	.000	1154.60	8605.31
.002284	495.	510.	480.	2	8	0	.00	2686.04	11291.97

FLOW DISTRIBUTION FOR SECNO= 19.35 CWSEL= 1162.98

STA=	8605.	8839.	8947.	9030.	9249.	9348.	9500.	9585.	9743.	10064.	10398.	10761.	10906.
PER Q=	4.6	3.8	3.1	3.6	3.2	4.2	3.5	2.2	42.6	3.4	3.0	3.2	
AREA=	500.6	385.1	303.7	487.9	337.1	463.7	335.8	317.8	2193.0	530.6	531.9	352.6	
VEL=	3.4	3.7	3.8	2.7	3.6	3.4	3.9	2.6	7.3	2.4	2.1	3.4	
DEPTH=	2.1	3.5	3.7	2.2	3.4	3.1	3.9	2.0	6.8	1.6	1.5	2.4	

STA=	10906.	11005.	11107.	11158.	11292.
PER Q=	4.5	6.8	5.8	2.6	
AREA=	412.4	525.3	370.0	263.5	
VEL=	4.1	4.9	5.9	3.7	
DEPTH=	4.1	5.2	7.2	2.0	

*SECNO 19.446

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8878.7 11361.8 TYPE= 1 TARGET= 2483.100

19.446	8.38	1164.08	1162.15	.00	1164.52	.44	1.08	.00	1159.00
37500.0	7377.4	18888.8	11233.9	2176.8	2919.7	2795.5	19352.1	4491.7	1162.80
4.84	3.39	6.47	4.02	.045	.035	.045	.000	1155.70	8897.66
.002130	525.	496.	450.	2	19	0	.00	2403.39	11336.52

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 19.45 CWSEL= 1164.08

STA=	8898.	8989.	9157.	9258.	9408.	9528.	9593.	10079.	10915.	11076.	11131.	11158.	11202.
PER Q=	4.2	3.0	3.4	3.7	4.0	1.4	50.4	3.0	4.7	3.4	3.1	3.1	
AREA=	382.0	401.9	356.7	445.4	420.8	170.0	2919.7	703.8	486.6	278.7	199.7	241.4	
VEL=	4.1	2.8	3.6	3.2	3.6	3.0	6.5	1.6	3.6	4.5	5.7	4.7	
DEPTH=	4.2	2.4	3.5	3.0	3.5	2.6	6.0	.8	3.0	5.1	7.3	5.5	

STA=	11202.	11243.	11280.	11324.	11337.
PER Q=	3.5	3.5	4.9	.8	
AREA=	254.5	244.5	319.0	67.3	
VEL=	5.2	5.3	5.7	4.6	
DEPTH=	6.3	6.5	7.3	5.2	

*SECNO 19.542

3265 DIVIDED FLOW

19.542	8.24	1165.24	1163.59	.00	1165.71	.48	1.18	.01	1160.10
37500.0	10872.9	14474.0	12153.1	2821.6	2011.0	2745.8	19441.1	4520.1	1164.70
4.87	3.85	7.20	4.43	.045	.035	.045	.000	1157.00	8883.11
.002609	520.	506.	480.	2	15	0	.00	2559.01	11478.90

FLOW DISTRIBUTION FOR SECNO= 19.54 CWSEL= 1165.24

STA=	8883.	9003.	9248.	9392.	9539.	9688.	9739.	9777.	9805.	10136.	10987.	11182.	11229.
PER Q=	3.7	3.9	4.3	4.8	4.1	3.2	3.2	1.9	38.6	3.0	3.6	4.5	
AREA=	370.2	515.1	444.5	459.0	429.0	243.5	215.7	144.6	2011.0	639.9	359.6	294.9	
VEL=	3.7	2.8	3.6	3.9	3.6	4.9	5.5	5.0	7.2	1.8	3.8	5.7	
DEPTH=	3.1	2.1	3.1	3.1	2.9	4.8	5.8	5.2	6.1	.8	1.9	6.2	

STA=	11229.	11292.	11367.	11411.	11455.	11479.
PER Q=	4.9	6.2	3.4	4.8	2.0	
AREA=	347.5	427.3	242.4	300.7	133.4	
VEL=	5.3	5.4	5.2	6.0	5.5	
DEPTH=	5.5	5.7	5.4	6.8	5.7	

*SECNO 19.635

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

19.635	7.50	1166.60	1164.92	.00	1167.03	.43	1.32	.00	1163.20
37500.0	11565.1	14830.3	11104.6	2865.4	2343.5	2272.5	19526.3	4547.2	1165.80
4.90	4.04	6.33	4.89	.045	.035	.045	.000	1159.10	8954.96
.002747	495.	493.	490.	2	16	0	.00	2241.18	11548.81

FLOW DISTRIBUTION FOR SECNO= 19.64 CWSEL= 1166.60

STA=	8955.	9032.	9096.	9334.	9437.	9587.	9750.	9847.	9887.	10374.	11237.	11307.	11373.
PER Q=	5.4	3.6	3.6	5.2	3.4	3.3	4.1	2.3	39.5	6.0	6.4	5.9	
AREA=	377.3	280.8	461.7	432.7	382.8	393.4	355.0	181.6	2343.5	635.5	419.1	393.1	
VEL=	5.3	4.9	2.9	4.5	3.3	3.1	4.3	4.8	6.3	3.5	5.7	5.6	
DEPTH=	4.9	4.4	1.9	4.2	2.6	2.4	3.6	4.6	4.8	.7	6.0	5.9	

STA=	11373.	11437.	11491.	11549.
PER Q=	5.0	4.0	2.3	
AREA=	350.0	282.4	192.5	
VEL=	5.4	5.3	4.5	
DEPTH=	5.5	5.3	3.3	

*SECNO 19.732

3265 DIVIDED FLOW

19.732	7.13	1168.03	1166.55	.00	1168.52	.49	1.47	.02	1165.90
37500.0	10032.9	14205.8	13261.3	2576.7	2063.9	2562.0	19611.0	4574.4	1166.40
4.92	3.89	6.88	5.18	.045	.035	.045	.000	1160.90	8883.98
.003120	510.	508.	490.	2	19	0	.00	2480.32	11690.80

FLOW DISTRIBUTION FOR SECNO= 19.73 CWSEL= 1168.03

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8884.	9099.	9234.	9334.	9418.	9523.	9718.	9815.	10231.	11119.	11170.	11220.	11268.
PER Q=	4.6	3.1	5.5	3.3	4.1	3.8	2.4	37.9	7.1	5.6	4.9	4.3	
AREA=	479.4	334.8	425.8	278.3	358.3	445.2	254.8	2063.9	655.8	328.0	302.8	275.7	
VEL=	3.6	3.4	4.8	4.4	4.3	3.2	3.6	6.9	4.1	6.4	6.1	5.9	
DEPTH=	2.2	2.5	4.2	3.3	3.4	2.3	2.6	5.0	.7	6.5	6.0	5.7	

STA=	11268.	11353.	11518.	11691.
PER Q=	8.1	3.2	2.2	
AREA=	499.5	291.1	209.1	
VEL=	6.0	4.1	3.9	
DEPTH=	5.9	1.8	1.2	

*SECNO 19.827

3265 DIVIDED FLOW

19.827	7.25	1169.65	1168.11	.00	1170.06	.41	1.54	.01	1167.10
37500.0	9226.5	10952.3	17321.2	2232.5	1721.3	3644.3	19696.0	4604.1	1168.40
4.95	4.13	6.36	4.75	.045	.035	.045	.000	1162.40	8923.64
.003021	500.	501.	500.	2	15	0	.00	2703.35	11727.27

FLOW DISTRIBUTION FOR SECNO= 19.83 CWSEL= 1169.65

STA=	8924.	9100.	9199.	9248.	9581.	9627.	9749.	9767.	10149.	10299.	10800.	10899.	10948.
PER Q=	4.7	5.6	3.0	3.4	3.7	3.7	.5	29.2	3.0	4.0	5.9	3.7	
AREA=	449.1	432.7	221.0	460.5	250.6	368.2	50.4	1721.3	314.5	608.6	442.5	255.0	
VEL=	3.9	4.9	5.1	2.7	5.6	3.8	3.6	6.4	3.6	2.4	5.0	5.4	
DEPTH=	2.5	4.4	4.5	1.4	5.4	3.0	2.8	4.5	2.1	1.2	4.5	5.2	

STA=	10948.	10991.	11051.	11103.	11131.	11181.	11718.	11727.
PER Q=	3.9	7.5	6.1	3.4	4.6	4.0	.2	
AREA=	249.2	423.1	352.6	191.2	291.4	492.5	23.7	
VEL=	5.9	6.7	6.5	6.6	5.9	3.0	3.1	
DEPTH=	5.8	7.0	6.8	6.9	5.8	.9	2.5	

*SECNO 19.920

3265 DIVIDED FLOW

19.920	8.43	1171.03	1169.13	.00	1171.41	.38	1.34	.00	1169.10
37500.0	5279.5	11009.9	21210.6	1461.3	1831.0	4587.2	19782.9	4632.6	1168.30
4.98	3.61	6.01	4.62	.045	.035	.045	.000	1162.60	8995.54
.002509	485.	491.	490.	2	14	0	.00	2373.74	11778.05

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 19.92 CWSEL= 1171.03

STA=	8996.	9077.	9114.	9188.	9745.	10129.	10262.	10448.	10521.	10634.	10719.	10784.	10823.
PER Q=	3.8	3.6	3.6	3.1	29.4	3.7	3.1	3.9	3.8	3.9	4.0	3.7	
AREA=	307.1	235.0	309.7	609.4	1831.0	403.2	382.5	324.4	378.3	344.5	315.0	247.7	
VEL=	4.7	5.7	4.4	1.9	6.0	3.5	3.0	4.5	3.7	4.2	4.8	5.6	
DEPTH=	3.8	6.4	4.2	1.1	4.8	3.0	2.0	4.5	3.3	4.1	4.9	6.3	

STA=	10823.	10871.	10926.	10957.	11016.	11075.	11677.	11778.
PER Q=	5.2	7.3	3.5	3.4	5.1	3.6	2.3	
AREA=	325.4	422.3	218.4	273.2	352.6	332.7	267.0	
VEL=	5.9	6.5	6.1	4.7	5.5	4.0	3.3	
DEPTH=	6.8	7.7	7.0	4.6	6.0	.6	2.6	

*SECNO 20.015

3265 DIVIDED FLOW

20.015	8.40	1172.40	1171.15	.00	1172.93	.52	1.47	.04	1170.30
37500.0	4922.3	14788.7	17789.1	1138.7	2059.5	3704.1	19867.5	4659.2	1169.40
5.00	4.32	7.18	4.80	.045	.035	.045	.000	1164.00	8967.04
.003512	505.	503.	495.	1	10	0	.00	2259.36	11518.43

FLOW DISTRIBUTION FOR SECNO= 20.01 CWSEL= 1172.40

STA=	8967.	9049.	9095.	9691.	9723.	10149.	10245.	10299.	10399.	10611.	10732.	10754.	10806.
PER Q=	5.8	3.2	3.6	.5	39.4	4.5	3.1	3.0	3.2	4.0	3.8	6.2	
AREA=	389.7	217.3	470.1	61.7	2059.5	354.8	227.9	286.9	396.9	344.1	180.5	338.0	
VEL=	5.6	5.5	2.9	3.1	7.2	4.7	5.2	4.0	3.0	4.3	7.9	6.8	
DEPTH=	4.7	4.7	.8	2.0	4.8	3.7	4.3	2.9	1.9	2.9	8.1	6.5	

STA=	10806.	10857.	10936.	11051.	11187.	11518.
PER Q=	5.4	3.3	3.6	4.7	2.7	
AREA=	309.2	268.6	335.3	386.1	275.6	
VEL=	6.5	4.6	4.0	4.5	3.7	
DEPTH=	6.1	3.4	2.9	2.8	.8	

*SECNO 20.111

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

20.111	8.69	1173.99	1172.48	.00	1174.51	.52	1.58	.00	1174.10
37500.0	5255.0	16666.9	15578.0	1291.8	2342.1	3409.0	19946.7	4684.4	1171.30
5.03	4.07	7.12	4.57	.045	.035	.045	.000	1165.30	8919.71
.002914	540.	510.	470.	2	12	0	.00	2129.88	11308.24

FLOW DISTRIBUTION FOR SECNO= 20.11 CWSEL= 1173.99

STA=	8920.	8986.	9024.	9196.	9731.	10160.	10264.	10360.	10460.	10812.	10857.	10882.	10913.
PER Q=	5.7	3.5	3.3	1.6	44.4	3.5	3.2	3.3	3.2	4.7	4.0	3.7	
AREA=	369.1	225.8	387.2	309.8	2342.1	331.7	305.6	319.0	392.3	284.8	206.4	216.5	
VEL=	5.8	5.8	3.2	1.9	7.1	3.9	3.9	3.9	3.1	6.2	7.3	6.5	
DEPTH=	5.6	5.9	2.3	.6	5.5	3.2	3.2	3.2	1.1	6.4	8.3	6.9	

STA=	10913.	10951.	11012.	11159.	11254.	11308.
PER Q=	3.9	3.7	4.0	3.1	1.2	
AREA=	241.5	276.7	420.7	280.1	133.8	
VEL=	6.1	5.0	3.6	4.1	3.5	
DEPTH=	6.3	4.6	2.8	3.0	2.4	

*SECNO 20.207

3265 DIVIDED FLOW

20.207	8.17	1175.37	1174.08	.00	1176.07	.69	1.50	.05	1172.90
37500.0	6103.1	19660.2	11736.6	1425.1	2399.6	2571.4	20022.6	4707.6	1172.00
5.05	4.28	8.19	4.56	.045	.035	.045	.000	1167.20	8809.51
.003191	540.	504.	460.	2	16	0	.00	1929.41	11073.11

FLOW DISTRIBUTION FOR SECNO= 20.21 CWSEL= 1175.37

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8810.	8903.	8960.	9699.	9827.	10206.	10357.	10452.	10555.	10794.	10850.	10953.	11012.
PER Q=	5.7	3.9	3.3	3.4	52.4	3.1	3.2	3.6	3.1	4.6	4.3	4.7	
AREA=	415.6	276.8	408.8	324.0	2399.6	336.8	300.4	329.3	309.7	302.0	366.8	311.3	
VEL=	5.1	5.3	3.0	3.9	8.2	3.4	4.0	4.1	3.7	5.7	4.4	5.7	
DEPTH=	4.5	4.8	.6	2.5	6.3	2.2	3.1	3.2	1.3	5.4	3.6	5.2	

STA=	11012.	11065.	11073.
PER Q=	4.5	.2	
AREA=	290.3	24.7	
VEL=	5.8	3.4	
DEPTH=	5.5	2.9	

*SECNO 20.294

3265 DIVIDED FLOW

20.294	10.05	1176.75	1175.06	.00	1177.29	.55	1.21	.01	1174.20
37500.0	5497.2	17011.4	14991.4	1774.4	2255.2	3357.4	20093.7	4727.8	1172.10
5.07	3.10	7.54	4.47	.045	.035	.045	.000	1166.70	8651.34
.002304	480.	460.	425.	1	8	0	.00	1940.71	10898.00

FLOW DISTRIBUTION FOR SECNO= 20.29 CWSEL= 1176.75

STA=	8651.	9349.	9551.	9782.	9840.	10156.	10210.	10258.	10309.	10352.	10425.	10514.	10612.
PER Q=	3.2	3.1	5.3	3.0	45.4	3.1	3.2	3.7	3.4	4.1	3.2	3.4	
AREA=	530.5	433.3	548.3	262.4	2255.2	257.0	250.4	278.0	250.3	345.6	320.8	344.1	
VEL=	2.3	2.7	3.6	4.3	7.5	4.5	4.7	4.9	5.1	4.5	3.7	3.7	
DEPTH=	.8	2.1	2.4	4.5	7.1	4.8	5.2	5.5	5.8	4.7	3.6	3.5	

STA=	10612.	10706.	10804.	10852.	10890.	10898.
PER Q=	3.6	3.8	4.6	3.8	.2	
AREA=	355.1	365.4	311.7	254.3	24.8	
VEL=	3.8	3.9	5.5	5.6	2.9	
DEPTH=	3.8	3.7	6.5	6.6	3.2	

*SECNO 20.343

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 8518.4 10970.0 TYPE= 1 TARGET= 2451.600

20.343	8.70	1177.40	1175.93	.00	1177.95	.55	.66	.00	1175.50
37500.0	6581.9	15301.2	15617.0	1871.1	2001.2	3279.8	20136.4	4739.6	1173.70
5.08	3.52	7.65	4.76	.045	.035	.045	.000	1168.70	8542.24
.002871	250.	262.	255.	2	19	0	.00	2107.67	10970.00

FLOW DISTRIBUTION FOR SECNO= 20.34 CWSEL= 1177.40

STA=	8542.	8666.	9570.	9681.	9773.	9833.	10157.	10234.	10301.	10353.	10508.	10604.	10682.
PER Q=	3.2	3.1	4.0	5.4	1.9	40.8	4.0	4.5	4.4	10.1	4.7	4.6	
AREA=	339.2	571.6	361.5	415.0	183.8	2001.2	323.7	328.0	293.4	749.0	390.6	355.5	
VEL=	3.5	2.0	4.2	4.9	3.8	7.6	4.6	5.1	5.6	5.1	4.5	4.9	
DEPTH=	2.7	.6	3.3	4.5	3.0	6.2	4.2	4.9	5.7	4.8	4.1	4.6	

STA=	10682.	10738.	10906.	10970.
PER Q=	5.0	3.2	1.2	
AREA=	328.4	366.2	145.1	
VEL=	5.7	3.2	3.1	
DEPTH=	5.8	2.2	2.3	

*SECNO 20.388

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8425.3 10820.0 TYPE= 1 TARGET= 2394.700

20.388	9.08	1177.98	1177.01	.00	1178.79	.81	.76	.08	1177.20
37500.0	5112.4	19186.9	13200.7	1416.6	2174.4	2397.0	20170.2	4750.0	1174.50
5.09	3.61	8.82	5.51	.045	.035	.045	.000	1168.90	8441.92
.003999	220.	233.	220.	0	12	0	.00	1989.66	10820.00

FLOW DISTRIBUTION FOR SECNO= 20.39 CWSEL= 1177.98

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8442.	9411.	9628.	9694.	9863.	10226.	10295.	10337.	10389.	10451.	10501.	10552.	10648.
PER Q=	3.3	3.5	3.9	3.0	51.2	4.2	4.9	4.4	4.4	3.3	3.1	5.3	
AREA=	529.2	390.0	273.2	224.2	2174.4	286.4	262.3	265.4	283.4	221.4	213.8	381.4	
VEL=	2.3	3.3	5.4	5.0	8.8	5.5	7.1	6.2	5.8	5.6	5.5	5.2	
DEPTH=	.5	1.8	4.2	1.3	6.0	4.2	6.2	5.1	4.6	4.4	4.2	4.0	

STA=	10648.	10712.	10820.
PER Q=	3.4	2.2	
AREA=	244.8	238.1	
VEL=	5.2	3.5	
DEPTH=	3.8	2.2	

*SECNO 20.435

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8338.0 10650.0 TYPE= 1 TARGET= 2312.000

20.435	10.10	1178.90	1178.29	.00	1179.87	.97	1.03	.05	1178.00
37500.0	5753.1	22917.4	8829.6	1556.6	2464.1	1578.3	20202.9	4760.6	1175.00
5.10	3.70	9.30	5.59	.045	.035	.045	.000	1168.80	8354.46
.004296	210.	248.	270.	2	8	0	.00	1987.51	10650.00

FLOW DISTRIBUTION FOR SECNO= 20.43 CWSEL= 1178.90

STA=	8354.	9299.	9547.	9600.	9638.	9851.	10253.	10300.	10326.	10404.	10510.	10611.	10650.
PER Q=	3.2	3.2	4.1	3.2	1.6	61.1	3.8	3.6	5.4	4.4	4.0	2.2	
AREA=	561.8	394.3	249.2	188.5	162.8	2464.1	227.4	175.6	344.3	347.0	322.0	161.9	
VEL=	2.1	3.0	6.2	6.4	3.8	9.3	6.3	7.7	5.9	4.8	4.7	5.2	
DEPTH=	.6	1.6	4.7	5.1	.8	6.1	4.9	6.8	4.4	3.3	3.2	4.1	

*SECNO 20.483

3265 DIVIDED FLOW

20.483	10.09	1179.89	1178.24	.00	1180.75	.86	.86	.01	1178.20
37500.0	6725.5	29341.7	1432.8	2093.7	3570.7	347.2	20235.4	4771.5	1176.30
5.11	3.21	8.22	4.13	.045	.035	.045	.000	1169.80	8279.77
.002854	220.	253.	265.	2	11	0	.00	2079.63	10540.07

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 20.48 CWSEL= 1179.89

STA=	8280.	9224.	9495.	9549.	9604.	9825.	9925.	10441.	10526.	10540.
PER Q=	3.1	3.6	3.4	4.3	3.0	.6	78.2	3.6	.2	
AREA=	658.6	484.2	254.1	299.0	294.8	102.8	3570.7	315.7	31.5	
VEL=	1.7	2.8	5.0	5.4	3.8	2.1	8.2	4.2	2.9	
DEPTH=	.7	1.8	4.7	5.4	1.3	1.0	6.9	3.7	2.2	

*SECNO 20.579

3265 DIVIDED FLOW

20.579	9.45	1181.35	1180.37	.00	1182.45	1.09	1.63	.07	1179.00
37500.0	7126.4	30353.6	20.1	2038.0	3308.1	8.0	20299.5	4793.7	1177.80
5.13	3.50	9.18	2.52	.045	.035	.045	.000	1171.90	8181.59
.003757	455.	510.	540.	2	11	0	.00	2022.27	10328.68

FLOW DISTRIBUTION FOR SECNO= 20.58 CWSEL= 1181.35

STA=	8182.	9025.	9314.	9420.	9505.	9797.	9826.	10324.	10329.
PER Q=	3.1	3.0	3.3	4.7	3.9	.9	80.9	.1	
AREA=	586.3	342.3	304.1	344.9	378.1	82.4	3308.1	8.0	
VEL=	2.0	3.3	4.1	5.2	3.9	4.1	9.2	2.5	
DEPTH=	.7	1.2	2.9	4.0	1.3	2.9	6.6	1.8	

*SECNO 20.675

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8290.2 10226.6 TYPE= 1 TARGET= 1936.399

20.675	11.70	1183.00	1181.72	.00	1183.98	.98	1.52	.01	1177.40
37500.0	11068.3	26069.1	362.7	3030.1	2837.6	82.8	20364.5	4814.1	1172.70
5.15	3.65	9.19	4.38	.045	.035	.045	.000	1171.30	8302.58
.002485	500.	503.	505.	1	8	0	.00	1530.60	10222.87

FLOW DISTRIBUTION FOR SECNO= 20.67 CWSEL= 1183.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8303.	9064.	9119.	9306.	9453.	9654.	9803.	9841.	9893.	10207.	10223.
PER Q=	3.1	3.1	3.4	3.0	3.8	5.9	3.2	4.0	69.5	1.0	
AREA=	442.9	254.0	425.1	372.6	477.3	541.3	225.2	291.7	2837.6	82.8	
VEL=	2.6	4.6	3.0	3.1	3.0	4.1	5.4	5.2	9.2	4.4	
DEPTH=	.6	4.6	2.3	2.5	2.4	3.6	6.0	5.5	9.1	5.2	

*SECNO 20.769

3470 ENCROACHMENT STATIONS= 8349.4 10280.0 TYPE= 1 TARGET= 1930.600

20.769	11.33	1184.43	1182.11	.00	1185.03	.60	1.01	.04	1177.90
37500.0	11718.8	24822.0	959.2	3413.3	3438.5	201.1	20436.4	4831.0	1176.10
5.17	3.43	7.22	4.77	.045	.035	.045	.000	1173.10	8692.68
.001760	465.	498.	500.	2	19	0	.00	1584.29	10276.97

FLOW DISTRIBUTION FOR SECNO= 20.77 CWSEL= 1184.43

STA=	8693.	8953.	9205.	9392.	9454.	9554.	9698.	9755.	9805.	9822.	10243.	10277.
PER Q=	3.1	3.0	3.8	4.3	4.5	5.0	3.1	3.1	1.4	66.2	2.6	
AREA=	404.9	486.3	505.0	362.2	443.8	544.1	286.4	269.6	110.8	3438.5	201.1	
VEL=	2.8	2.3	2.8	4.5	3.8	3.4	4.1	4.3	4.7	7.2	4.8	
DEPTH=	1.6	1.9	2.7	5.8	4.4	3.8	5.1	5.4	6.2	8.2	5.9	

*SECNO 20.864

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8413.1 10533.4 TYPE= 1 TARGET= 2120.301

20.864	9.35	1185.35	1183.03	.00	1185.88	.54	.85	.01	1181.60
35000.0	7419.3	24580.3	3000.4	2575.8	3653.7	886.5	20515.3	4850.5	1182.00
5.19	2.88	6.73	3.38	.045	.035	.045	.000	1176.00	8420.29
.001692	460.	503.	505.	2	14	0	.00	1990.23	10501.03

FLOW DISTRIBUTION FOR SECNO= 20.86 CWSEL= 1185.35

STA=	8420.	9142.	9281.	9335.	9408.	9739.	9780.	10263.	10423.	10487.	10501.
PER Q=	3.6	4.4	3.6	4.9	3.1	1.7	70.2	4.7	3.6	.3	
AREA=	745.9	477.9	295.2	405.7	480.7	170.4	3653.7	526.6	318.1	41.9	
VEL=	1.7	3.2	4.2	4.2	2.2	3.5	6.7	3.1	4.0	2.6	
DEPTH=	1.0	3.5	5.5	5.5	1.5	4.1	7.6	3.3	5.0	2.9	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 20.958

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8780.0 10760.0 TYPE= 1 TARGET= 1980.000

20.958	16.30	1186.20	1184.39	.00	1186.87	.67	.95	.04	1183.30
35000.0	4508.5	28018.5	2473.0	1261.6	3919.1	851.2	20586.2	4868.6	1181.50
5.21	3.57	7.15	2.91	.045	.035	.045	.000	1169.90	8824.55
.002312	390.	497.	530.	2	17	0	.00	1556.13	10748.46

FLOW DISTRIBUTION FOR SECNO= 20.96 CWSEL= 1186.20

STA=	8825.	8958.	9059.	9137.	9787.	10384.	10605.	10733.	10748.
PER Q=	4.3	4.1	3.3	1.2	80.1	3.0	3.5	.5	
AREA=	400.4	375.8	298.1	187.4	3919.1	423.2	376.2	51.8	
VEL=	3.7	3.8	3.9	2.3	7.1	2.5	3.3	3.6	
DEPTH=	3.0	3.7	3.8	.3	6.6	1.9	2.9	3.3	

*SECNO 21.061

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9030.0 11069.0 TYPE= 1 TARGET= 2039.000

21.061	17.64	1187.24	1185.08	.00	1188.35	1.11	1.35	.13	1184.50
35000.0	175.8	32555.5	2268.7	119.1	3717.1	886.7	20652.2	4886.6	1186.30
5.23	1.48	8.76	2.56	.045	.035	.045	.000	1169.60	9030.00
.002754	340.	543.	655.	1	10	0	.00	1407.65	11040.63

FLOW DISTRIBUTION FOR SECNO= 21.06 CWSEL= 1187.24

STA=	9030.	9850.	10325.	10564.	11041.
PER Q=	.5	93.0	4.0	2.5	
AREA=	119.1	3717.1	473.3	413.4	
VEL=	1.5	8.8	3.0	2.1	
DEPTH=	.1	7.8	2.0	.9	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.157

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9266.8 11150.0 TYPE= 1 TARGET= 1883.200

21.157	15.04	1189.24	1185.32	.00	1189.56	.33	1.13	.08	1185.90
35000.0	23.7	33317.3	1659.0	17.8	7146.9	570.1	20726.8	4903.3	1181.90
5.26	1.34	4.66	2.91	.055	.050	.055	.000	1174.20	9277.03
.001793	340.	509.	630.	2	21	0	.00	1306.41	10952.50

FLOW DISTRIBUTION FOR SECNO= 21.16 CWSEL= 1189.24

STA=	9277.	9377.	10376.	10411.	10952.
PER Q=	.1	95.2	3.1	1.6	
AREA=	17.7	7146.9	254.1	316.0	
VEL=	1.3	4.7	4.3	1.8	
DEPTH=	.2	7.2	7.3	.6	

*SECNO 21.245

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .64

3470 ENCROACHMENT STATIONS= 9250.0 10700.0 TYPE= 1 TARGET= 1450.000

21.245	38.07	1190.17	1187.93	.00	1190.81	.64	1.15	.09	1189.60
35000.0	22307.1	12397.1	295.8	3260.9	2189.3	119.1	20794.5	4915.6	1187.30
5.28	6.84	5.66	2.48	.055	.050	.055	.000	1152.10	9250.00
.004343	365.	464.	530.	2	17	0	.00	1101.63	10671.90

FLOW DISTRIBUTION FOR SECNO= 21.25 CWSEL= 1190.17

STA=	9250.	9296.	9418.	9465.	9538.	9656.	9762.	9830.	10275.	10672.
PER Q=	5.1	39.8	5.2	4.2	3.2	3.4	2.8	35.4	.8	
AREA=	293.5	1477.7	298.0	312.8	317.5	322.5	238.9	2189.3	119.1	
VEL=	6.1	9.4	6.1	4.7	3.6	3.7	4.2	5.7	2.5	
DEPTH=	6.3	12.2	6.4	4.3	2.7	3.0	3.5	4.9	.3	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.337

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.97

3470 ENCROACHMENT STATIONS= 9230.0 11100.0 TYPE= 1 TARGET= 1870.000

21.337	11.20	1191.20	1183.66	.00	1191.35	.16	.49	.05	1180.00
35000.0	1232.6	31626.7	2140.7	503.7	9586.1	1184.9	20883.9	4928.2	1180.00
5.32	2.45	3.30	1.81	.055	.050	.055	.000	1180.00	9230.00
.000492	375.	483.	530.	2	24	0	.00	1265.96	10856.58

FLOW DISTRIBUTION FOR SECNO= 21.34 CWSEL= 1191.20

STA=	9230.	9295.	10151.	10230.	10346.	10857.
PER Q=	3.5	90.4	3.0	3.0	.1	
AREA=	503.7	9586.1	513.0	590.4	81.5	
VEL=	2.4	3.3	2.1	1.8	.4	
DEPTH=	7.7	11.2	6.5	5.1	.2	

*SECNO 21.431

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .25

3470 ENCROACHMENT STATIONS= 9350.0 10343.6 TYPE= 1 TARGET= 993.600

21.431	10.28	1191.28	1189.96	.00	1192.20	.92	.62	.23	1191.10
35000.0	884.4	34115.6	.0	232.3	4394.9	.0	20973.2	4940.6	1193.90
5.34	3.81	7.76	.00	.055	.050	.000	.000	1181.00	9350.00
.007747	465.	496.	430.	3	14	0	.00	969.11	10319.11

FLOW DISTRIBUTION FOR SECNO= 21.43 CWSEL= 1191.28

STA=	9350.	9362.	9438.	9468.	10344.
PER Q=	.1	1.9	.6	97.5	
AREA=	11.1	166.0	55.2	4394.9	
VEL=	2.2	4.0	3.5	7.8	
DEPTH=	.9	2.2	1.8	5.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.524

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.08

3470 ENCROACHMENT STATIONS= 9603.9 10572.6 TYPE= 1 TARGET= 968.699

21.524	11.49	1193.49	1187.87	.00	1193.86	.37	1.60	.06	1193.60
35000.0	.0	34959.0	41.0	.0	7185.8	28.6	21040.0	4951.4	1191.20
5.37	.00	4.87	1.44	.000	.050	.055	.000	1182.00	9604.26
.001790	485.	491.	425.	2	11	0	.00	957.53	10561.79

FLOW DISTRIBUTION FOR SECNO= 21.52 CWSEL= 1193.49

STA=	9604.	10540.	10560.	10562.
PER Q=	99.9	.1	.0	
AREA=	7185.8	28.0	.6	
VEL=	4.9	1.5	.5	
DEPTH=	7.7	1.4	.3	

*SECNO 21.621

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.63

3470 ENCROACHMENT STATIONS= 9607.6 10560.1 TYPE= 1 TARGET= 952.500

21.621	11.68	1194.18	1186.80	.00	1194.40	.22	.53	.01	1186.40
35000.0	6669.5	26481.6	1848.9	2034.4	6704.0	741.3	21137.5	4962.3	1182.70
5.41	3.28	3.95	2.49	.055	.050	.055	.000	1182.50	9619.54
.000675	545.	511.	370.	2	18	0	.00	923.39	10542.93

FLOW DISTRIBUTION FOR SECNO= 21.62 CWSEL= 1194.18

STA=	9620.	9695.	9816.	9833.	10412.	10509.	10543.
PER Q=	3.4	14.0	1.6	75.7	5.0	.3	
AREA=	481.0	1379.1	174.2	6704.0	653.4	87.9	
VEL=	2.5	3.6	3.2	4.0	2.7	1.3	
DEPTH=	6.4	11.4	10.1	11.6	6.7	2.6	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.716

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .48

3470 ENCROACHMENT STATIONS= 9316.5 10900.0 TYPE= 1 TARGET= 1583.500

21.716	11.44	1194.54	1191.17	.00	1195.12	.58	.61	.11	1192.90
35000.0	1976.7	27743.4	5279.9	703.3	4267.1	1091.7	21225.7	4973.3	1191.00
5.43	2.81	6.50	4.84	.055	.050	.055	.000	1183.10	9619.78
.002933	560.	502.	350.	2	19	0	.00	1016.51	10636.29

FLOW DISTRIBUTION FOR SECNO= 21.72 CWSEL= 1194.54

STA=	9620.	9799.	9919.	10441.	10524.	10569.	10593.	10636.
PER Q=	3.2	2.5	79.3	4.3	3.6	3.6	3.5	
AREA=	397.6	305.7	4267.1	376.0	263.7	204.8	247.2	
VEL=	2.8	2.9	6.5	4.0	4.8	6.2	5.0	
DEPTH=	2.2	2.6	8.2	4.5	5.9	8.6	5.6	

*SECNO 21.798

3470 ENCROACHMENT STATIONS= 9632.5 10775.5 TYPE= 1 TARGET= 1143.000

21.798	10.07	1195.97	1194.45	.00	1196.80	.83	1.60	.07	1196.20
35000.0	.0	21340.9	13659.1	.0	2742.2	2110.5	21279.5	4983.6	1195.40
5.44	.00	7.78	6.47	.000	.035	.055	.000	1185.90	9651.11
.004923	450.	436.	410.	3	18	0	.00	1081.89	10733.00

FLOW DISTRIBUTION FOR SECNO= 21.80 CWSEL= 1195.97

STA=	9651.	10300.	10422.	10507.	10540.	10568.	10599.	10681.	10733.
PER Q=	61.0	3.3	9.8	6.4	6.7	7.1	4.6	1.2	
AREA=	2742.2	290.6	530.2	283.4	272.6	290.4	321.3	121.9	
VEL=	7.8	4.0	6.4	7.9	8.7	8.5	5.0	3.4	
DEPTH=	4.2	2.4	6.3	8.5	9.8	9.5	3.9	2.4	

*SECNO 21.893

3470 ENCROACHMENT STATIONS= 9546.7 11050.0 TYPE= 1 TARGET= 1503.300

21.893	37.07	1198.27	1197.25	.00	1199.27	1.00	2.42	.05	1201.20
35000.0	.0	27058.5	7941.5	.0	3077.1	1716.9	21335.6	4996.8	1196.70
5.46	.00	8.79	4.63	.000	.035	.055	.000	1161.20	9566.00
.004663	485.	501.	515.	2	19	0	.00	1174.62	10740.62

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 21.89 CWSEL= 1198.27

STA=	9566.	10147.	10444.	10653.	10711.	10741.
PER Q=	77.3	3.6	14.6	3.7	.7	
AREA=	3077.1	464.8	922.8	257.6	71.7	
VEL=	8.8	2.7	5.5	5.1	3.5	
DEPTH=	5.3	1.6	4.4	4.5	2.4	

*SECNO 21.986

3470 ENCROACHMENT STATIONS= 9250.4 10915.0 TYPE= 1 TARGET= 1664.600

21.986	40.48	1200.58	1198.97	.00	1201.13	.56	1.81	.04	1197.70
35000.0	11063.7	14865.2	9071.0	2268.1	1978.8	2222.5	21398.6	5012.1	1199.20
5.49	4.88	7.51	4.08	.045	.035	.055	.000	1160.10	9268.54
.003037	450.	491.	505.	0	10	0	.00	1561.66	10830.21

FLOW DISTRIBUTION FOR SECNO= 21.99 CWSEL= 1200.58

A=	9269.	9449.	9644.	9807.	10150.	10380.	10467.	10527.	10749.	10830.
PER Q=	14.9	7.3	9.3	42.5	3.2	11.3	3.7	7.7	.1	
AREA=	943.0	636.7	688.4	1978.8	446.0	673.2	293.3	778.4	31.7	
VEL=	5.5	4.0	4.7	7.5	2.5	5.9	4.4	3.5	.8	
DEPTH=	5.2	3.3	4.2	5.8	1.9	7.7	4.9	3.5	.4	

*SECNO 22.082

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.85

3470 ENCROACHMENT STATIONS= 9010.7 11059.0 TYPE= 1 TARGET= 2048.300

22.082	14.34	1201.74	1196.67	.00	1201.92	.19	.75	.04	1198.20
35000.0	5652.8	5190.3	24156.9	2603.8	1441.4	6555.9	21497.3	5032.4	1199.90
5.53	2.17	3.60	3.68	.045	.035	.055	.000	1187.40	9014.20
.000884	465.	503.	525.	2	18	0	.00	1986.96	11052.43

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 22.08 CWSEL= 1201.74

STA=	9014.	9156.	9321.	9676.	9932.	10231.	10343.	10410.	10484.	10625.	10686.	10726.	10871.
PER Q=	4.0	4.6	3.4	4.1	14.8	3.1	3.8	5.1	25.2	10.4	3.1	14.1	
AREA=	531.7	653.6	690.7	727.8	1441.4	472.3	460.3	559.7	1927.3	807.1	323.8	1370.9	
VEL=	2.7	2.5	1.7	2.0	3.6	2.3	2.9	3.2	4.6	4.5	3.3	3.6	
DEPTH=	3.7	4.0	1.9	2.8	4.8	4.2	6.9	7.6	13.6	13.2	8.2	9.4	

STA=	10871.	10922.	11052.
PER Q=	3.2	1.0	
AREA=	370.7	263.8	
VEL=	3.0	1.3	
DEPTH=	7.2	2.0	

*SECNO 22.177

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .40

3470 ENCROACHMENT STATIONS= 8765.7 10650.0 TYPE= 1 TARGET= 1884.300

22.177	8.27	1202.07	1201.20	.00	1203.07	1.00	.90	.24	1199.60
35000.0	5430.3	25627.0	3942.7	1197.3	2911.8	635.2	21585.3	5052.3	1200.70
5.54	4.54	8.80	6.21	.045	.035	.055	.000	1193.80	8857.86
.005530	510.	506.	490.	3	11	0	.00	1455.72	10650.00

FLOW DISTRIBUTION FOR SECNO= 22.18 CWSEL= 1202.07

STA=	8858.	9077.	9910.	10534.	10650.
PER Q=	10.8	4.7	73.2	11.3	
AREA=	700.6	496.7	2911.8	635.2	
VEL=	5.4	3.3	8.8	6.2	
DEPTH=	3.2	.6	4.7	5.5	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 22.273

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8965.3 10635.9 TYPE= 1 TARGET= 1670.601

22.273	16.86	1204.46	1203.06	.00	1205.43	.97	2.36	.00	1204.00
35000.0	3857.0	31143.0	.0	895.3	3780.3	.0	21639.7	5068.0	1209.00
5.56	4.31	8.24	.00	.045	.035	.000	.000	1187.60	8977.78
.004024	505.	504.	485.	3	15	0	.00	1253.72	10627.34

FLOW DISTRIBUTION FOR SECNO= 22.27 CWSEL= 1204.46

STA=	8978.	9021.	9139.	9923.	10636.
PER Q=	3.0	6.5	1.5	89.0	
AREA=	187.2	443.1	265.1	3780.3	
VEL=	5.6	5.1	2.0	8.2	
DEPTH=	4.3	3.8	.3	5.4	

*SECNO 22.368

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9008.1 11110.0 TYPE= 1 TARGET= 2101.900

22.368	8.05	1206.55	1204.56	.00	1206.91	.36	1.42	.06	1206.80
33000.0	4370.8	20511.9	8117.3	1122.9	3772.0	2462.9	21708.4	5085.6	1212.90
5.59	3.89	5.44	3.30	.045	.035	.055	.000	1198.50	9015.71
.002073	510.	505.	465.	2	18	0	.00	1819.20	11110.00

FLOW DISTRIBUTION FOR SECNO= 22.37 CWSEL= 1206.55

STA=	9016.	9090.	9215.	9511.	10529.	10991.	11110.
PER Q=	6.3	5.9	1.1	62.2	20.1	4.5	
AREA=	427.5	506.0	189.4	3772.0	1976.5	486.4	
VEL=	4.9	3.8	1.9	5.4	3.4	3.1	
DEPTH=	5.8	4.0	.6	4.7	4.3	4.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 22.462

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9040.3 11760.0 TYPE= 1 TARGET= 2719.700

22.462	7.33	1207.63	1205.50	.00	1207.92	.28	1.00	.01	1206.30
33000.0	4594.7	9468.6	18936.7	1360.6	1848.2	4747.5	21792.3	5108.2	1208.70
5.62	3.38	5.12	3.99	.045	.035	.045	.000	1200.30	9046.90
.002081	515.	496.	450.	2	23	0	.00	2272.01	11760.00

FLOW DISTRIBUTION FOR SECNO= 22.46 CWSEL= 1207.63

STA=	9047.	9097.	9158.	9243.	9887.	10319.	11064.	11127.	11675.	11750.	11760.
PER Q=	4.3	3.6	3.2	2.8	28.7	18.0	3.1	31.7	4.3	.3	
AREA=	288.9	284.3	300.7	486.8	1848.2	1597.5	259.8	2512.6	342.1	35.4	
VEL=	4.9	4.2	3.5	1.9	5.1	3.7	3.9	4.2	4.1	3.0	
DEPTH=	5.8	4.6	3.5	.8	4.3	2.1	4.1	4.6	4.5	3.6	

*SECNO 22.558

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .52

22.558	6.48	1208.88	1208.58	.00	1209.82	.93	1.71	.20	1208.50
33000.0	6353.0	16203.7	10443.3	1084.6	1727.8	1823.0	21859.7	5130.6	1207.70
5.64	5.86	9.38	5.73	.045	.035	.045	.000	1202.40	9080.51
.007817	535.	503.	420.	2	12	0	.00	1893.33	12001.64

FLOW DISTRIBUTION FOR SECNO= 22.56 CWSEL= 1208.88

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	9081.	9112.	9181.	9327.	9614.	10050.	10704.	11290.	11684.	11724.	11762.	11792.	11847.
PER Q=	5.1	4.7	6.6	2.9	49.1	3.0	3.7	7.0	3.6	3.8	3.3	3.2	
AREA=	177.6	229.6	387.9	289.4	1727.8	246.3	340.3	322.6	161.6	163.0	136.8	156.2	
VEL=	9.5	6.8	5.6	3.3	9.4	4.0	3.6	7.1	7.4	7.7	7.9	6.7	
DEPTH=	5.7	3.3	2.6	1.0	4.0	.4	.6	.8	4.0	4.3	4.4	2.9	

STA=	11847.	11956.	12002.
PER Q=	3.1	1.0	
AREA=	220.0	76.3	
VEL=	4.7	4.2	
DEPTH=	2.0	1.7	

*SECNO 22.651

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.78

22.651	6.69	1211.49	1209.71	.00	1211.82	.33	1.94	.06	1208.50
33000.0	12228.8	10066.7	10704.5	2802.8	1764.7	2997.9	21926.2	5154.9	1208.60
5.67	4.36	5.70	3.57	.045	.035	.045	.000	1204.80	9025.78
.002475	490.	492.	450.	2	19	0	.00	2611.76	12095.46

FLOW DISTRIBUTION FOR SECNO= 22.65 CWSEL= 1211.49

STA=	9026.	9110.	9217.	9295.	9378.	9422.	9480.	9654.	9735.	10133.	10605.	11065.	11617.
PER Q=	5.4	4.5	4.4	8.3	4.3	3.3	3.9	3.0	30.5	3.1	3.2	3.2	
AREA=	388.4	386.8	331.8	500.0	260.4	252.2	410.5	272.9	1764.7	316.1	538.0	396.0	
VEL=	4.6	3.9	4.3	5.4	5.4	4.4	3.1	3.7	5.7	3.3	2.0	2.7	
DEPTH=	4.6	3.6	4.3	6.0	5.9	4.3	2.4	3.3	4.4	.7	1.2	.7	

STA=	11617.	11695.	11742.	11806.	11966.	12095.
PER Q=	7.5	4.7	3.5	5.0	2.1	
AREA=	460.4	284.3	269.4	471.5	262.2	
VEL=	5.3	5.5	4.3	3.5	2.7	
DEPTH=	5.9	6.1	4.2	2.9	2.0	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 22.745

3265 DIVIDED FLOW

22.745	6.78	1212.78	1211.56	.00	1213.17	.38	1.33	.02	1211.90
33000.0	9789.5	9083.1	14127.4	2076.1	1428.7	3487.4	22001.8	5183.7	1210.20
5.70	4.72	6.36	4.05	.045	.035	.045	.000	1206.00	8914.99
.003441	495.	496.	400.	3	15	0	.00	3110.28	12094.09

FLOW DISTRIBUTION FOR SECNO= 22.75 CWSEL= 1212.78

STA=	8915.	8964.	9060.	9115.	9143.	9209.	9711.	9798.	10148.	10377.	10941.	11379.	11431.
PER Q=	3.5	8.1	5.3	3.8	3.7	3.5	1.7	27.5	3.2	3.4	3.3	5.6	
AREA=	218.8	476.5	295.0	185.5	244.6	488.6	167.1	1428.7	361.2	449.4	390.2	295.7	
VEL=	5.3	5.6	6.0	6.8	5.0	2.4	3.3	6.4	2.9	2.5	2.8	6.2	
DEPTH=	4.5	4.9	5.4	6.5	3.7	1.0	1.9	4.1	1.6	.8	.9	5.7	

STA=	11431.	11521.	11642.	11721.	11905.	12052.	12094.
PER Q=	11.4	5.0	3.1	3.5	4.0	.4	
AREA=	568.0	385.6	248.7	371.9	365.5	51.2	
VEL=	6.6	4.3	4.2	3.1	3.6	2.7	
DEPTH=	6.3	3.2	3.1	2.0	2.5	1.2	

*SECNO 22.839

3265 DIVIDED FLOW

22.839	7.00	1214.30	1212.92	.00	1214.65	.34	1.48	.00	1214.30
33000.0	10198.8	8944.9	13856.4	2227.4	1512.8	3621.7	22077.0	5214.9	1213.10
5.72	4.58	5.91	3.83	.045	.035	.045	.000	1207.30	8727.76
.002980	495.	498.	415.	2	15	0	.00	2967.78	11833.17

FLOW DISTRIBUTION FOR SECNO= 22.84 CWSEL= 1214.30

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8728.	8774.	8903.	8932.	9036.	9396.	9702.	10073.	10256.	10436.	11008.	11223.	11259.
PER Q=	4.2	13.1	3.2	5.7	3.4	1.2	27.1	3.4	3.9	3.1	8.9	4.2	
AREA=	247.4	745.1	176.0	412.6	425.0	221.3	1512.8	372.2	410.9	508.8	523.9	227.6	
VEL=	5.6	5.8	6.1	4.6	2.7	1.8	5.9	3.0	3.1	2.0	5.6	6.2	
DEPTH=	5.4	5.8	6.2	4.0	1.2	.7	4.1	2.0	2.3	.9	2.4	6.3	

STA=	11259.	11290.	11372.	11476.	11626.	11812.	11833.
PER Q=	3.5	3.4	3.9	3.4	3.9	.2	
AREA=	191.7	275.7	330.5	346.1	404.0	30.4	
VEL=	6.0	4.1	3.9	3.2	3.2	2.7	
DEPTH=	6.1	3.4	3.2	2.3	2.2	1.4	

*SECNO 22.935

3265 DIVIDED FLOW

22.935	6.62	1215.62	1214.01	.00	1215.91	.28	1.25	.01	1214.80
33000.0	10364.5	13712.3	8923.1	2435.9	2863.2	2657.2	22158.8	5246.9	1214.40
5.75	4.25	4.79	3.36	.045	.035	.045	.000	1209.00	8484.93
.002413	465.	501.	440.	2	16	0	.00	3101.86	11781.76

FLOW DISTRIBUTION FOR SECNO= 22.93 CWSEL= 1215.62

STA=	8485.	8541.	8593.	8638.	8746.	8840.	8937.	9530.	10352.	10955.	11072.	11192.	11356.
PER Q=	5.8	5.3	4.0	5.0	5.6	3.4	2.3	41.6	6.5	7.6	3.7	4.1	
AREA=	348.3	321.1	255.0	417.4	412.1	295.8	386.3	2863.2	647.5	550.1	346.9	432.6	
VEL=	5.5	5.5	5.2	4.0	4.4	3.7	2.0	4.8	3.3	4.6	3.5	3.1	
DEPTH=	6.2	6.2	5.7	3.9	4.4	3.0	.7	3.5	1.1	4.7	2.9	2.6	

STA=	11356.	11597.	11782.
PER Q=	3.3	1.9	
AREA=	440.0	240.1	
VEL=	2.5	2.6	
DEPTH=	1.8	1.3	

*SECNO 23.029

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 8450.0 11893.6 TYPE= 1 TARGET= 3443.600

23.029	6.93	1217.03	1216.06	.00	1217.47	.45	1.52	.05	1217.50
33000.0	9492.6	9677.9	13829.5	2129.6	1488.5	2740.2	22234.3	5277.1	1217.00
5.78	4.46	6.50	5.05	.045	.035	.045	.000	1210.10	8450.00
.004722	450.	501.	435.	2	12	0	.00	2685.04	11583.72

FLOW DISTRIBUTION FOR SECNO= 23.03 CWSEL= 1217.03

STA=	8450.	8503.	8641.	8759.	9128.	9312.	9363.	9436.	9831.	10307.	10706.	10758.	10812.
PER Q=	3.8	3.7	3.3	3.2	5.7	3.5	3.8	1.6	29.3	7.7	6.2	5.6	
AREA=	223.3	313.7	273.8	324.9	395.9	201.3	248.0	148.7	1488.5	480.0	287.8	275.8	
VEL=	5.7	3.9	4.0	3.3	4.8	5.7	5.1	3.6	6.5	5.3	7.1	6.7	
DEPTH=	4.2	2.3	2.3	.9	2.1	4.0	3.4	.4	3.3	1.2	5.6	5.1	

STA=	10812.	10850.	11022.	11207.	11326.	11584.
PER Q=	3.5	7.3	5.9	3.1	2.6	
AREA=	179.7	509.8	460.6	263.1	283.3	
VEL=	6.4	4.8	4.2	3.9	3.0	
DEPTH=	4.7	3.0	2.5	2.2	1.1	

*SECNO 23.124

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8580.0 11903.0 TYPE= 1 TARGET= 3323.000

23.124	7.21	1219.11	1217.95	.00	1219.51	.40	2.03	.00	1220.30
33000.0	12100.2	5553.2	15346.6	2668.0	912.5	3011.3	22304.5	5304.8	1217.90
5.81	4.54	6.09	5.10	.045	.035	.045	.000	1211.90	8580.00
.003910	485.	499.	450.	2	12	0	.00	2453.18	11494.80

FLOW DISTRIBUTION FOR SECNO= 23.12 CWSEL= 1219.11

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8580.	8945.	9025.	9153.	9206.	9276.	9309.	9381.	9444.	9523.	9591.	9669.	10216.
PER Q=	4.4	3.8	3.9	3.1	4.1	3.4	4.0	3.1	3.5	3.3	.0	16.8	
AREA=	442.4	270.3	331.2	201.2	268.3	178.2	264.9	218.1	254.4	231.6	7.4	912.5	
VEL=	3.3	4.7	3.9	5.1	5.1	6.4	4.9	4.7	4.5	4.7	.7	6.1	
DEPTH=	1.2	3.4	2.6	3.8	3.8	5.4	3.7	3.5	3.3	3.4	.1	3.5	

STA=	10216.	10569.	10694.	10752.	10799.	10843.	10905.	11017.	11140.	11495.
PER Q=	3.6	13.7	6.6	3.2	3.4	4.0	5.1	6.4	.5	
AREA=	472.4	650.6	327.7	196.4	200.3	248.9	368.0	439.5	107.5	
VEL=	2.5	6.9	6.6	5.3	5.7	5.3	4.5	4.8	1.6	
DEPTH=	1.3	5.2	5.7	4.2	4.6	4.0	3.3	3.6	.3	

*SECNO 23.219

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8860.0 11681.3 TYPE= 1 TARGET= 2821.300

23.219	6.97	1220.97	1219.67	.00	1221.37	.39	1.86	.00	1219.20
33000.0	7591.7	11330.6	14077.8	1788.3	1951.5	2954.7	22380.2	5332.6	1218.70
5.83	4.25	5.81	4.76	.045	.035	.045	.000	1214.00	8860.00
.003591	490.	501.	500.	2	15	0	.00	2418.08	11447.95

FLOW DISTRIBUTION FOR SECNO= 23.22 CWSEL= 1220.97

STA=	8860.	8964.	9082.	9194.	9268.	9548.	9549.	10114.	10371.	10628.	10710.	10802.	10893.
PER Q=	3.6	4.0	6.0	6.3	3.1	.0	34.3	3.4	5.4	4.7	5.2	8.4	
AREA=	300.4	327.9	416.5	360.4	380.4	2.8	1951.5	388.9	503.8	318.4	351.6	470.0	
VEL=	4.0	4.0	4.8	5.7	2.7	2.9	5.8	2.9	3.5	4.9	4.8	5.9	
DEPTH=	2.9	2.8	3.7	4.8	1.4	1.8	3.5	1.5	2.0	3.9	3.8	5.1	

STA=	10893.	10976.	11048.	11448.
PER Q=	7.2	7.6	.8	
AREA=	412.3	401.5	108.0	
VEL=	5.8	6.3	2.4	
DEPTH=	5.0	5.6	.3	

*SECNO 23.314

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9220.0 11953.4 TYPE= 1 TARGET= 2733.400

23.314	6.85	1222.95	1222.14	.00	1223.55	.60	2.12	.06	1221.40
33000.0	6970.4	9741.0	16288.6	1413.4	1205.7	3054.2	22451.0	5358.9	1222.70
5.86	4.93	8.08	5.33	.045	.035	.045	.000	1216.10	9220.00
.005109	510.	504.	490.	2	12	0	.00	2174.56	11496.08

FLOW DISTRIBUTION FOR SECNO= 23.31 CWSEL= 1222.95

STA=	9220.	9270.	9300.	9423.	9579.	9787.	10063.	10449.	10552.	10655.	10799.	10881.	11063.
PER Q=	5.7	3.5	4.5	4.3	3.1	29.5	4.6	3.2	4.2	4.2	5.4	22.6	
AREA=	275.3	159.3	311.5	351.0	316.3	1205.7	458.8	250.2	293.4	334.5	310.4	1006.3	
VEL=	6.9	7.2	4.8	4.0	3.3	8.1	3.3	4.3	4.8	4.2	5.7	7.4	
DEPTH=	5.5	5.4	2.5	2.2	1.5	4.4	1.2	2.4	2.9	2.3	3.8	5.5	

STA=	11063.	11091.	11496.
PER Q=	3.3	1.8	
AREA=	149.9	250.7	
VEL=	7.2	2.4	
DEPTH=	5.4	.6	

*SECNO 23.409

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9550.0 12265.5 TYPE= 1 TARGET= 2715.500

23.409	8.53	1225.23	1223.99	.00	1225.74	.51	2.18	.01	1223.60
33000.0	548.7	10869.1	21582.2	198.2	1593.5	4150.6	22516.8	5381.7	1225.40
5.88	2.77	6.82	5.20	.045	.035	.045	.000	1216.70	9550.00
.003875	515.	500.	485.	2	8	0	.00	1865.86	11506.14

FLOW DISTRIBUTION FOR SECNO= 23.41 CWSEL= 1225.23

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST

STA=    9550.    9675.   10060.   10407.   10582.   10660.   10737.   10788.   10890.   10920.   11146.   11350.   11440.
  PER Q=      1.7     32.9      4.2      5.7      3.6      3.5      4.3     19.0      4.7      3.8      6.2      4.6
   AREA=    198.2   1593.5    414.7    470.6    259.3    254.4    242.9    785.7    207.3    376.9    530.3    306.2
    VEL=      2.8      6.8      3.3      4.0      4.6      4.6      5.9      8.0      7.5      3.3      3.9      5.0
  DEPTH=      1.6      4.2      1.2      2.7      3.3      3.3      4.8      7.7      7.0      1.7      2.6      3.4

STA=   11440.   11481.   11506.
  PER Q=      4.9       .8
   AREA=    240.0     62.5
    VEL=      6.7      4.4
  DEPTH=      5.9      2.5

*SECNO 23.504

3470 ENCROACHMENT STATIONS=     9680.0   12068.7  TYPE=      1  TARGET=     2388.700
    23.504     37.97   1227.07   1225.17       .00   1227.43       .36      1.67       .02   1226.20
   33000.0      34.5    8037.4   24928.1      25.0    1613.9    5209.2   22589.2    5403.5   1226.70
      5.91      1.38      4.98      4.79      .055      .035      .045      .000   1189.10   9680.00
   .002996      505.      501.      490.         2        17         0       .00   1989.13  11669.13

FLOW DISTRIBUTION FOR SECNO=     23.50          CWSEL=   1227.07

STA=    9680.    9707.   10220.   10469.   10509.   10604.   10650.   10696.   10923.   11063.   11318.   11558.   11626.
  PER Q=       .1     24.4      8.6      4.4      9.4      7.5      8.4     14.6      4.6      3.8      6.3      7.2
   AREA=     25.0   1613.9    749.0    237.9    541.7    352.6    376.9    992.2    409.1    463.1    614.3    400.9
    VEL=      1.4      5.0      3.8      6.1      5.8      7.1      7.4      4.8      3.7      2.7      3.4      5.9
  DEPTH=       .9      3.1      3.0      6.0      5.7      7.7      8.3      4.4      2.9      1.8      2.6      5.9

STA=   11626.   11669.
  PER Q=       .8
   AREA=     71.3
    VEL=      3.6
  DEPTH=      1.6

*SECNO 23.598

3470 ENCROACHMENT STATIONS=     9680.0   11700.5  TYPE=      1  TARGET=     2020.500
    23.598     51.50   1228.50   1226.47       .00   1228.96       .46      1.50       .03   1228.00
   33000.0       8.6   15689.0   17302.4       8.7    2476.3    3916.3   22664.0    5425.7   1226.40
      5.93       .98      6.34      4.42      .055      .035      .045      .000   1177.00   9683.54
   .003075      480.      498.      490.         2        13         0       .00   1934.27  11617.81
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 23.60 CWSEL= 1228.50

STA=	9684.	9700.	10260.	10363.	10461.	10485.	10510.	10580.	10667.	10742.	10919.	11125.	11524.
PER Q=	.0	47.5	3.2	10.0	3.9	3.0	4.0	7.4	3.0	3.6	3.5	4.7	
AREA=	8.7	2476.3	286.4	560.2	181.3	160.7	285.9	449.1	244.2	381.8	391.2	591.0	
VEL=	1.0	6.3	3.6	5.9	7.1	6.2	4.7	5.5	4.1	3.1	2.9	2.6	
DEPTH=	.5	4.4	2.8	5.7	7.6	6.3	4.1	5.1	3.3	2.2	1.9	1.5	

STA=	11524.	11579.	11618.
PER Q=	5.1	1.0	
AREA=	299.3	85.3	
VEL=	5.7	3.8	
DEPTH=	5.4	2.2	

*SECNO 23.692

3470 ENCROACHMENT STATIONS= 9650.0 11533.8 TYPE= 1 TARGET= 1883.800

23.692	43.49	1230.19	1229.54	.00	1231.04	.85	1.97	.12	1229.50
33000.0	1009.2	19142.9	12847.9	294.3	2173.4	2591.0	22727.5	5446.2	1227.40
5.95	3.43	8.81	4.96	.055	.035	.045	.000	1186.70	9650.00
.005594	475.	494.	475.	2	25	0	.00	1794.53	11444.53

FLOW DISTRIBUTION FOR SECNO= 23.69 CWSEL= 1230.19

STA=	9650.	9870.	10339.	10445.	10560.	10608.	10675.	10840.	11044.	11316.	11357.	11397.	11445.
PER Q=	3.1	58.0	5.4	3.4	3.2	7.0	3.9	3.3	3.5	3.9	3.2	2.2	
AREA=	294.3	2173.4	334.2	261.1	178.7	318.3	317.8	324.7	360.6	188.2	164.9	142.5	
VEL=	3.4	8.8	5.3	4.3	6.0	7.2	4.0	3.4	3.2	6.8	6.4	5.1	
DEPTH=	1.3	4.6	3.2	2.3	3.8	4.7	1.9	1.6	1.3	4.6	4.1	3.0	

*SECNO 23.790

3470 ENCROACHMENT STATIONS= 9630.0 11371.5 TYPE= 1 TARGET= 1741.500

23.790	53.24	1232.64	1231.19	.00	1233.10	.47	2.02	.04	1231.10
31000.0	28.8	16927.7	14043.5	16.6	2525.5	3954.2	22794.9	5466.4	1229.80
5.98	1.74	6.70	3.55	.055	.035	.055	.000	1179.40	9630.00
.002901	500.	519.	500.	2	22	0	.00	1677.02	11307.02

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 23.79 CWSEL= 1232.64

STA=	9630.	9641.	10144.	10284.	10503.	10632.	10706.	10762.	10804.	10909.	11055.	11136.	11296.
PER Q=	.1	54.6	4.3	7.0	3.9	3.7	5.0	3.3	3.5	3.3	6.1	5.1	
AREA=	16.6	2525.5	421.8	626.1	388.4	304.8	327.4	227.2	332.0	375.7	428.8	497.6	
VEL=	1.7	6.7	3.1	3.5	3.1	3.7	4.7	4.5	3.3	2.7	4.4	3.1	
DEPTH=	1.5	5.0	3.0	2.9	3.0	4.1	5.8	5.4	3.2	2.6	5.2	3.1	

STA=	11296.	11307.
PER Q=	.2	
AREA=	24.5	
VEL=	2.3	
DEPTH=	2.2	

*SECNO 23.881

3470 ENCROACHMENT STATIONS= 9630.0 11328.4 TYPE= 1 TARGET= 1698.400

23.881	26.73	1233.93	1232.54	.00	1234.61	.68	1.44	.06	1233.30
31000.0	369.9	21662.6	8967.4	126.7	2839.5	2762.0	22861.3	5484.3	1232.80
6.00	2.92	7.63	3.25	.055	.035	.055	.000	1207.20	9630.00
.003193	460.	478.	470.	2	16	0	.00	1626.86	11256.86

FLOW DISTRIBUTION FOR SECNO= 23.88 CWSEL= 1233.93

STA=	9630.	9683.	10182.	10539.	10709.	10788.	10954.	11021.	11201.	11257.
PER Q=	1.2	69.9	3.4	8.2	3.2	5.9	3.7	3.9	.5	
AREA=	126.7	2839.5	477.7	667.8	278.5	543.6	287.8	434.4	72.1	
VEL=	2.9	7.6	2.2	3.8	3.6	3.4	4.0	2.8	2.2	
DEPTH=	2.4	5.7	1.3	3.9	3.5	3.3	4.3	2.4	1.3	

*SECNO 23.974

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9716.0 11204.9 TYPE= 1 TARGET= 1488.900

23.974	13.72	1236.02	1234.23	.00	1236.48	.45	1.84	.02	1238.60
31000.0	.0	14021.5	16978.5	.0	2244.5	3681.6	22927.7	5501.3	1233.10
6.03	.00	6.25	4.61	.000	.050	.055	.000	1222.30	9719.92
.004390	460.	492.	500.	2	16	0	.00	1362.59	11085.76

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 23.97 CWSEL= 1236.02

STA=	9720.	10115.	10212.	10355.	10389.	10491.	10645.	10747.	10829.	10995.	11035.	11086.
PER Q=	45.2	3.6	16.0	3.7	4.3	6.8	4.1	4.4	7.6	3.5	.8	
AREA=	2244.5	292.8	843.3	200.1	334.8	519.9	327.1	311.3	574.9	204.0	73.4	
VEL=	6.2	3.8	5.9	5.8	4.0	4.0	3.9	4.4	4.1	5.3	3.4	
DEPTH=	5.7	3.0	5.9	5.8	3.3	3.4	3.2	3.8	3.5	5.1	1.4	

*SECNO 24.067

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

3470 ENCROACHMENT STATIONS= 9230.0 11167.5 TYPE= 1 TARGET= 1937.500

24.067	8.39	1237.69	1234.96	.00	1237.91	.21	1.41	.02	1232.90
31000.0	7526.2	13434.4	10039.4	1945.1	3317.7	3270.9	23009.8	5519.6	1235.20
6.06	3.87	4.05	3.07	.055	.050	.055	.000	1229.30	9230.00
.001985	465.	493.	505.	2	15	0	.00	1834.75	11064.75

FLOW DISTRIBUTION FOR SECNO= 24.07 CWSEL= 1237.69

STA=	9230.	9311.	9379.	9466.	9554.	9569.	10189.	10388.	10577.	10642.	10701.	10745.	10835.
PER Q=	6.6	6.5	5.4	5.0	.9	43.3	3.3	4.8	3.9	4.6	3.1	3.5	
AREA=	508.6	463.2	455.7	440.2	77.4	3317.7	479.1	581.9	327.2	358.3	249.9	359.0	
VEL=	4.0	4.3	3.7	3.5	3.6	4.0	2.2	2.6	3.7	4.0	3.8	3.1	
DEPTH=	6.3	6.8	5.3	5.0	5.2	5.4	2.4	3.1	5.1	6.0	5.6	4.0	

STA=	10835.	10937.	11005.	11065.
PER Q=	3.0	3.3	2.8	
AREA=	345.4	308.0	262.1	
VEL=	2.7	3.3	3.3	
DEPTH=	3.4	4.5	4.4	

*SECNO 24.165

3470 ENCROACHMENT STATIONS= 8750.0 11568.4 TYPE= 1 TARGET= 2818.400

24.165	7.10	1238.50	1236.20	.00	1238.71	.21	.80	.00	1236.10
31000.0	7507.3	14219.2	9273.5	2640.3	3160.1	3281.2	23113.2	5544.6	1234.10
6.10	2.84	4.50	2.83	.045	.035	.045	.000	1231.40	8750.00
.001268	495.	514.	520.	3	11	0	.00	2435.78	11185.78

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 24.17 CWSEL= 1238.50

STA=	8750.	9021.	9119.	9226.	9336.	9392.	9558.	10173.	10330.	10411.	10469.	10549.	10785.
PER Q=	3.9	5.2	3.7	5.6	3.0	2.9	45.9	7.2	4.7	4.2	3.2	3.4	
AREA=	574.0	475.5	382.4	519.3	276.7	412.4	3160.1	698.2	413.9	339.1	319.6	516.9	
VEL=	2.1	3.4	3.0	3.3	3.4	2.2	4.5	3.2	3.5	3.8	3.1	2.0	
DEPTH=	2.1	4.8	3.6	4.7	4.9	2.5	5.1	4.4	5.1	5.9	4.0	2.2	

STA=	10785.	10872.	11103.	11186.
PER Q=	3.3	3.3	.8	
AREA=	348.4	506.8	138.4	
VEL=	3.0	2.0	1.7	
DEPTH=	4.0	2.2	1.7	

*SECNO 24.212

3470 ENCROACHMENT STATIONS= 8520.0 11250.0 TYPE= 1 TARGET= 2730.000

24.212	7.55	1238.85	1236.81	.00	1239.05	.20	.34	.00	1237.40
31000.0	9045.0	9674.6	12280.4	3142.8	2055.1	3945.5	23164.8	5559.2	1236.20
6.12	2.88	4.71	3.11	.045	.035	.045	.000	1231.30	8520.00
.001538	240.	248.	250.	2	19	0	.00	2730.00	11250.00

FLOW DISTRIBUTION FOR SECNO= 24.21 CWSEL= 1238.85

STA=	8520.	8797.	9090.	9235.	9382.	9489.	9669.	10100.	10220.	10355.	10461.	10565.	10638.
PER Q=	4.0	3.9	6.8	7.0	5.3	2.2	31.2	4.0	7.2	4.0	4.6	4.2	
AREA=	563.7	532.6	616.0	631.4	470.2	328.9	2055.1	413.0	624.4	396.4	425.8	352.2	
VEL=	2.2	2.3	3.4	3.4	3.5	2.1	4.7	3.0	3.6	3.1	3.3	3.7	
DEPTH=	2.0	1.8	4.2	4.3	4.4	1.8	4.8	3.4	4.6	3.8	4.1	4.8	

STA=	10638.	10721.	10823.	10980.	11214.	11250.
PER Q=	5.0	3.2	4.1	3.1	.2	
AREA=	410.0	336.4	470.2	468.2	48.9	
VEL=	3.8	2.9	2.7	2.1	1.6	
DEPTH=	5.0	3.3	3.0	2.0	1.4	

*SECNO 24.260

3470 ENCROACHMENT STATIONS= 8290.0 11487.9 TYPE= 1 TARGET= 3197.900

24.260	7.56	1239.26	1237.11	.00	1239.42	.16	.36	.00	1238.50
31000.0	10490.3	9088.6	11421.0	3832.4	2357.9	3817.9	23220.0	5575.6	1237.00
6.14	2.74	3.85	2.99	.045	.035	.045	.000	1231.70	8290.00
.001356	245.	255.	255.	2	13	0	.00	2971.03	11261.03

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 24.26 CWSEL= 1239.26

STA=	8290.	8420.	8576.	8949.	9106.	9175.	9304.	9448.	9569.	9616.	10224.	10343.	10532.
PER Q=	4.1	3.5	3.4	3.1	3.9	4.5	6.1	4.5	.8	29.3	4.1	8.6	
AREA=	449.5	437.6	599.0	360.9	340.0	476.2	596.8	468.6	103.8	2357.9	431.3	823.5	
VEL=	2.8	2.5	1.8	2.7	3.5	2.9	3.1	3.0	2.4	3.9	2.9	3.2	
DEPTH=	3.5	2.8	1.6	2.3	4.9	3.7	4.2	3.9	2.2	3.9	3.6	4.3	

STA=	10532.	10630.	10774.	10835.	10934.	11072.	11261.
PER Q=	4.7	5.5	3.0	4.2	3.9	2.8	
AREA=	441.2	563.8	279.2	412.2	452.8	413.9	
VEL=	3.3	3.0	3.3	3.2	2.7	2.1	
DEPTH=	4.5	3.9	4.6	4.2	3.3	2.2	

*SECNO 24.353

3470 ENCROACHMENT STATIONS= 7860.0 11307.9 TYPE= 1 TARGET= 3447.900

24.353	6.42	1240.02	1238.63	.00	1240.25	.22	.81	.02	1238.30
31000.0	4193.1	15134.9	11671.9	1917.6	3421.8	3457.1	23326.3	5611.5	1238.10
6.18	2.19	4.42	3.38	.045	.035	.045	.000	1233.60	7860.00
.002009	475.	494.	505.	2	18	0	.00	3412.57	11272.57

FLOW DISTRIBUTION FOR SECNO= 24.35 CWSEL= 1240.02

STA=	7860.	8116.	8277.	8440.	8696.	9245.	10209.	10366.	10442.	10523.	10659.	10862.	10998.
PER Q=	3.2	3.1	3.1	3.0	1.1	48.8	4.1	3.1	4.8	4.5	3.3	4.4	
AREA=	440.3	373.5	371.4	428.6	303.8	3421.8	434.5	273.0	367.8	432.1	425.6	426.4	
VEL=	2.2	2.6	2.6	2.2	1.2	4.4	2.9	3.5	4.1	3.3	2.4	3.2	
DEPTH=	1.7	2.3	2.3	1.7	.6	3.5	2.8	3.6	4.6	3.2	2.1	3.1	

STA=	10998.	11045.	11258.	11273.
PER Q=	3.0	10.0	.3	
AREA=	224.3	838.5	34.9	
VEL=	4.2	3.7	2.8	
DEPTH=	4.8	3.9	2.4	

*SECNO 24.449

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .68

24.449	6.31	1241.31	1240.50	.00	1241.74	.42	1.43	.06	1240.20
31000.0	4334.2	14108.6	12557.2	1499.3	2251.5	2769.1	23414.6	5646.8	1242.70
6.21	2.89	6.27	4.53	.045	.035	.045	.000	1235.00	7911.24
.004281	460.	503.	525.	2	9	0	.00	2827.36	11319.38

FLOW DISTRIBUTION FOR SECNO= 24.45 CWSEL= 1241.31

STA=	7911.	8122.	8323.	8550.	9496.	10169.	10553.	10628.	10764.	10975.	11101.	11143.	11292.
PER Q=	3.9	3.7	3.0	3.4	45.5	7.1	3.9	4.9	3.0	4.1	3.0	12.6	
AREA=	373.2	353.7	330.4	442.1	2251.5	572.7	249.8	363.5	320.5	316.4	170.7	664.7	
VEL=	3.2	3.2	2.8	2.4	6.3	3.8	4.8	4.2	2.9	4.0	5.5	5.9	
DEPTH=	1.8	1.8	1.5	.5	3.4	1.5	3.3	2.7	1.5	2.5	4.0	4.5	

STA=	11292.	11319.
PER Q=	2.0	
AREA=	110.7	
VEL=	5.6	
DEPTH=	4.1	

*SECNO 24.543

3265 DIVIDED FLOW

24.543	7.75	1243.35	1242.15	.00	1243.67	.32	1.92	.01	1243.50
31000.0	8352.8	8420.6	14226.6	2243.9	1616.9	3152.8	23491.7	5680.5	1243.20
6.24	3.72	5.21	4.51	.045	.035	.045	.000	1235.60	7851.23
.003504	495.	501.	495.	2	8	0	.00	3080.30	11419.23

FLOW DISTRIBUTION FOR SECNO= 24.54 CWSEL= 1243.35

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	7851.	8182.	8491.	9435.	9582.	9623.	10244.	10598.	10704.	10859.	11081.	11167.	11241.
PER Q=	3.1	3.6	3.8	12.6	3.9	27.2	3.5	6.6	5.7	5.3	3.2	4.3	
AREA=	391.6	439.1	506.5	704.5	202.1	1616.9	352.2	419.7	446.9	492.2	249.3	280.0	
VEL=	2.4	2.5	2.3	5.6	5.9	5.2	3.1	4.9	4.0	3.3	4.0	4.7	
DEPTH=	1.2	1.4	.5	4.8	5.0	3.0	1.0	4.0	2.9	2.2	2.9	3.7	

STA=	11241.	11285.	11331.	11366.	11414.	11419.
PER Q=	3.7	4.0	3.2	6.1	.2	
AREA=	208.3	224.0	176.1	287.9	16.2	
VEL=	5.5	5.6	5.7	6.5	3.1	
DEPTH=	4.7	4.8	5.0	6.1	2.8	

*SECNO 24.631

3265 DIVIDED FLOW

24.631	6.92	1245.12	1244.10	.00	1245.46	.34	1.79	.01	1245.10
31000.0	1545.8	9863.1	19591.2	858.6	1928.2	4210.9	23565.4	5714.6	1245.10
6.27	1.80	5.12	4.65	.050	.035	.050	.000	1238.20	7893.28
.004350	450.	462.	460.	1	16	0	.00	3428.53	11775.17

FLOW DISTRIBUTION FOR SECNO= 24.63 CWSEL= 1245.12

STA=	7893.	8469.	9445.	10225.	10675.	10894.	11200.	11289.	11359.	11502.	11529.	11571.	11672.
PER Q=	3.1	1.9	31.8	3.7	7.9	6.8	5.8	6.1	14.9	3.2	3.1	3.4	
AREA=	495.0	363.6	1928.2	413.5	620.0	646.9	359.4	338.5	767.7	156.8	185.0	276.6	
VEL=	1.9	1.6	5.1	2.7	4.0	3.3	5.0	5.6	6.0	6.4	5.2	3.9	
DEPTH=	.9	.4	2.5	.9	2.8	2.1	4.1	4.8	5.4	5.9	4.3	2.7	

STA=	11672.	11739.	11764.	11775.
PER Q=	4.0	3.8	.5	
AREA=	243.1	166.6	37.0	
VEL=	5.1	7.0	3.9	
DEPTH=	3.6	6.8	3.3	

*SECNO 24.721

3265 DIVIDED FLOW

24.721	6.43	1247.03	1245.92	.00	1247.28	.25	1.81	.01	1247.70
31000.0	2646.7	8166.8	20186.5	1368.3	1817.3	5031.8	23646.8	5753.7	1247.40
6.30	1.93	4.49	4.01	.050	.035	.050	.000	1240.60	7573.23
.003470	455.	474.	465.	1	14	0	.00	3933.35	12197.40

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 24.72 CWSEL= 1247.03

STA=	7573.	7924.	8614.	9496.	10326.	10842.	11002.	11186.	11283.	11427.	11543.	11622.	11685.
PER Q=	3.9	3.5	1.1	26.3	5.9	3.8	5.9	4.7	15.2	6.1	4.6	3.0	
AREA=	501.8	626.3	240.3	1817.3	634.7	378.2	520.2	353.9	834.4	438.8	313.8	226.5	
VEL=	2.4	1.7	1.4	4.5	2.9	3.1	3.5	4.1	5.7	4.3	4.5	4.1	
DEPTH=	1.4	.9	.3	2.4	1.2	2.4	2.8	3.6	5.8	3.8	4.0	3.6	

STA=	11685.	11886.	12045.	12140.	12187.	12197.
PER Q=	3.6	3.2	3.6	5.2	.4	
AREA=	386.9	337.5	295.0	279.5	32.3	
VEL=	2.9	2.9	3.8	5.8	3.4	
DEPTH=	1.9	2.1	3.1	5.9	3.2	

*SECNO 24.816

3265 DIVIDED FLOW

24.816	7.30	1248.70	1247.39	.00	1248.95	.25	1.67	.00	1248.30
31000.0	1705.9	5361.5	23932.5	1017.4	1261.8	5916.3	23738.3	5798.7	1248.80
6.33	1.68	4.25	4.05	.050	.035	.050	.000	1241.40	7539.16
.003391	495.	501.	480.	2	10	0	.00	4089.19	12683.00

FLOW DISTRIBUTION FOR SECNO= 24.82 CWSEL= 1248.70

STA=	7539.	8476.	9702.	10291.	10627.	10971.	11060.	11236.	11299.	11360.	11488.	11859.	11913.
PER Q=	3.2	2.4	17.3	3.4	4.3	4.4	18.9	8.6	4.3	3.1	3.4	4.1	
AREA=	608.0	409.3	1261.8	332.8	533.1	325.9	1038.4	426.6	280.8	304.3	436.1	258.8	
VEL=	1.6	1.8	4.2	3.1	2.5	4.2	5.7	6.2	4.8	3.1	2.4	4.9	
DEPTH=	.6	.3	2.3	1.0	1.6	3.6	5.9	6.8	4.6	2.4	1.2	4.8	

STA=	11913.	12043.	12164.	12366.	12428.	12602.	12683.
PER Q=	4.2	4.4	3.5	4.9	3.1	2.7	
AREA=	368.5	372.4	398.9	299.2	306.8	233.7	
VEL=	3.5	3.7	2.7	5.1	3.1	3.6	
DEPTH=	2.8	3.1	2.0	4.9	1.8	2.9	

*SECNO 24.910

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

24.910	6.49	1250.39	1248.97	.00	1250.62	.23	1.67	.00	1251.10
31000.0	3033.6	4091.8	23874.6	1270.1	1062.7	6018.7	23830.8	5845.7	1251.00
6.37	2.39	3.85	3.97	.050	.035	.050	.000	1243.90	7621.16
.003472	485.	498.	485.	1	17	0	.00	4324.22	12982.12

FLOW DISTRIBUTION FOR SECNO= 24.91 CWSEL= 1250.39

STA=	7621.	7941.	9130.	9350.	10254.	10723.	10755.	10965.	11035.	11153.	11377.	11707.	12060.
PER Q=	4.8	3.7	1.3	13.2	14.3	3.1	8.6	4.2	12.9	3.4	3.7	4.8	
AREA=	553.5	544.5	172.2	1062.7	1059.2	176.2	689.3	291.5	699.0	350.0	412.7	405.2	
VEL=	2.7	2.1	2.3	3.9	4.2	5.5	3.9	4.5	5.7	3.0	2.8	3.6	
DEPTH=	1.7	.5	.8	1.9	2.3	5.5	3.3	4.1	5.9	1.6	1.2	1.1	

STA=	12060.	12198.	12351.	12427.	12490.	12952.	12982.
PER Q=	4.3	4.9	5.1	3.2	3.3	1.1	
AREA=	381.7	433.7	328.1	231.5	469.1	91.5	
VEL=	3.5	3.5	4.8	4.2	2.2	3.7	
DEPTH=	2.8	2.8	4.3	3.7	1.0	3.0	

*SECNO 24.996

3265 DIVIDED FLOW

24.996	5.78	1252.08	1251.07	.00	1252.35	.27	1.72	.01	1253.10
31000.0	4399.9	9186.3	17413.8	1485.8	1912.5	4266.4	23912.0	5887.3	1251.00
6.40	2.96	4.80	4.08	.050	.035	.050	.000	1246.30	7833.25
.004372	435.	453.	440.	2	17	0	.00	3903.65	13065.66

FLOW DISTRIBUTION FOR SECNO= 25.00 CWSEL= 1252.08

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	7833.	8048.	8202.	8653.	9628.	10632.	10901.	10938.	11048.	11141.	11364.	12002.	12163.
PER Q=	3.9	4.3	3.0	2.9	29.6	7.4	3.6	4.4	9.9	4.0	4.7	3.2	
AREA=	402.5	370.8	387.4	325.1	1912.5	566.9	189.8	328.7	505.1	395.4	479.3	309.1	
VEL=	3.0	3.6	2.4	2.8	4.8	4.0	5.9	4.1	6.1	3.1	3.1	3.2	
DEPTH=	1.9	2.4	.9	.3	2.2	2.1	5.2	3.0	5.4	1.8	.8	1.9	

STA=	12163.	12369.	12558.	13066.
PER Q=	9.2	6.9	2.8	
AREA=	666.0	530.1	295.9	
VEL=	4.3	4.0	3.0	
DEPTH=	3.2	2.8	.6	

*SECNO 25.098

3265 DIVIDED FLOW

25.098	5.78	1254.38	1253.33	.00	1254.67	.29	2.31	.00	1255.20
31000.0	5194.4	8538.7	17266.9	1474.2	1610.7	4372.0	24003.6	5933.4	1252.80
6.43	3.52	5.30	3.95	.050	.035	.050	.000	1248.60	8060.03
.004384	535.	540.	520.	2	15	0	.00	3697.04	12888.47

FLOW DISTRIBUTION FOR SECNO= 25.10 CWSEL= 1254.38

STA=	8060.	8316.	8452.	9699.	9845.	9852.	10547.	10724.	10938.	11029.	11131.	11416.	12032.
PER Q=	3.0	7.5	3.0	3.2	.0	27.5	4.4	6.7	4.0	11.0	3.4	7.1	
AREA=	320.5	498.1	348.7	304.7	2.2	1610.7	401.7	556.2	289.2	558.2	403.4	649.4	
VEL=	2.9	4.7	2.7	3.2	1.0	5.3	3.4	3.7	4.3	6.1	2.6	3.4	
DEPTH=	1.3	3.7	.3	2.1	.3	2.6	2.3	2.6	3.2	5.5	1.4	1.1	

STA=	12032.	12111.	12408.	12534.	12815.	12888.
PER Q=	6.6	4.1	3.4	4.4	.7	
AREA=	369.7	312.7	289.1	467.2	75.2	
VEL=	5.6	4.0	3.6	2.9	2.7	
DEPTH=	4.7	1.1	2.3	1.7	1.0	

*SECNO 25.192

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 8282.6 12674.3 TYPE= 1 TARGET= 4391.700

25.192	6.15	1256.15	1255.23	.00	1256.51	.36	1.82	.02	1257.10
29000.0	3665.2	13551.1	11783.8	1329.4	2153.4	3815.9	24089.0	5976.0	1254.20
6.46	2.76	6.29	3.09	.050	.030	.050	.000	1250.00	8291.70
.002995	540.	499.	495.	2	10	0	.00	3604.25	12651.69

FLOW DISTRIBUTION FOR SECNO= 25.19 CWSEL= 1256.15

STA=	8292.	8537.	8639.	8842.	9436.	10463.	10777.	10889.	10964.	11191.	11410.	11757.	11842.
PER Q=	5.5	3.2	3.4	.6	46.7	6.4	3.8	7.0	3.2	3.4	5.3	4.1	
AREA=	504.9	284.7	383.5	156.4	2153.4	677.7	327.0	403.6	364.6	404.7	573.3	304.7	
VEL=	3.2	3.2	2.5	1.0	6.3	2.7	3.3	5.0	2.5	2.5	2.7	3.9	
DEPTH=	2.1	2.8	1.9	.3	3.5	2.2	2.9	5.4	1.6	1.8	1.7	3.6	

STA=	11842.	11883.	12550.	12652.
PER Q=	3.8	3.1	.6	
AREA=	221.0	439.4	99.9	
VEL=	5.0	2.1	1.9	
DEPTH=	5.3	.7	1.0	

*SECNO 25.288

3265 DIVIDED FLOW

25.288	6.39	1257.69	1257.35	.00	1258.48	.80	1.85	.13	1259.10
29000.0	1398.6	19166.9	8434.5	573.5	2254.4	2507.3	24162.8	6012.6	1254.90
6.49	2.44	8.50	3.36	.050	.030	.050	.000	1251.30	8869.25
.004529	550.	504.	500.	2	5	0	.00	2605.54	12345.34

FLOW DISTRIBUTION FOR SECNO= 25.29 CWSEL= 1257.69

STA=	8869.	9119.	9537.	10366.	10618.	10727.	11148.	11423.	11515.	11610.	11973.	12345.
PER Q=	3.5	1.4	66.1	3.4	3.8	3.4	3.9	3.8	6.9	3.3	.5	
AREA=	369.6	203.9	2254.4	368.4	286.0	400.0	407.1	270.1	387.6	295.5	92.5	
VEL=	2.7	1.9	8.5	2.7	3.9	2.5	2.8	4.1	5.2	3.3	1.4	
DEPTH=	1.5	.5	4.1	1.5	2.6	1.0	1.5	2.9	4.1	.8	.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 25.382

3265 DIVIDED FLOW

25.382	5.91	1259.61	1259.12	.00	1260.37	.76	1.89	.00	1259.40
29000.0	654.2	21625.1	6720.7	347.0	2709.8	2589.4	24224.8	6042.0	1256.70
6.51	1.89	7.98	2.60	.050	.030	.050	.000	1253.70	9272.29
.003255	440.	498.	495.	2	15	0	.00	2671.20	12069.27

FLOW DISTRIBUTION FOR SECNO= 25.38 CWSEL= 1259.61

STA=	9272.	9742.	10312.	10531.	10740.	11233.	11341.	11485.	11963.	12069.
PER Q=	2.3	74.6	5.2	3.4	4.7	3.4	3.2	3.0	.3	
AREA=	347.0	2709.8	501.2	383.1	644.8	296.2	312.9	393.1	58.1	
VEL=	1.9	8.0	3.0	2.6	2.1	3.3	2.9	2.2	1.4	
DEPTH=	.7	4.8	2.3	1.8	1.3	2.8	2.2	.8	.5	

*SECNO 25.478

3265 DIVIDED FLOW

25.478	7.30	1261.20	1260.93	.00	1262.29	1.09	1.82	.10	1261.90
29000.0	217.1	19972.4	8810.5	79.7	2031.0	2552.2	24283.0	6068.1	1257.70
6.52	2.72	9.83	3.45	.050	.030	.050	.000	1253.90	9581.13
.004123	535.	506.	475.	2	11	0	.00	1988.18	11749.51

FLOW DISTRIBUTION FOR SECNO= 25.48 CWSEL= 1261.20

STA=	9581.	9634.	10127.	10224.	10332.	10396.	10505.	10567.	11184.	11665.	11750.
PER Q=	.7	68.9	4.3	4.6	3.7	6.0	3.9	3.4	3.5	1.0	
AREA=	79.7	2031.0	304.3	330.5	235.4	388.4	238.7	460.2	477.7	117.0	
VEL=	2.7	9.8	4.1	4.0	4.6	4.5	4.7	2.2	2.1	2.5	
DEPTH=	1.5	5.5	3.2	3.0	3.7	3.6	3.8	.7	1.0	1.4	

*SECNO 25.526

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9639.4 11600.0 TYPE= 1 TARGET= 1960.600

25.526	8.71	1262.41	1261.34	.00	1263.12	.71	.79	.04	1262.50
29000.0	.0	17266.8	11733.2	.0	2062.4	3686.5	24313.4	6079.3	1257.10
6.53	.01	8.37	3.18	.000	.030	.050	.000	1253.70	9668.29
.002443	255.	253.	255.	2	8	0	.00	1820.60	11600.00

FLOW DISTRIBUTION FOR SECNO= 25.53 CWSEL= 1262.41

STA=	9668.	10104.	10184.	10267.	10342.	10412.	10552.	10604.	10659.	11024.	11470.	11562.	11600.
PER Q=	59.5	5.7	4.4	3.4	3.3	4.7	3.0	3.4	3.0	3.4	4.8	1.2	
AREA=	2062.4	390.4	336.5	280.6	268.7	435.4	226.7	244.9	474.5	542.8	372.6	113.6	
VEL=	8.4	4.2	3.8	3.5	3.6	3.2	3.9	4.0	1.8	1.8	3.8	3.0	
DEPTH=	6.4	4.9	4.1	3.7	3.8	3.1	4.3	4.5	1.3	1.2	4.0	3.0	

*SECNO 25.572

3470 ENCROACHMENT STATIONS= 9671.0 11498.9 TYPE= 1 TARGET= 1827.900

25.572	8.18	1262.88	1261.85	.00	1263.78	.90	.60	.06	1257.70
29000.0	356.9	18111.4	10531.6	104.4	1945.8	3217.8	24344.0	6088.8	1257.70
6.54	3.42	9.31	3.27	.050	.030	.050	.000	1254.70	9814.71
.002486	255.	245.	240.	2	15	0	.00	1625.75	11440.46

FLOW DISTRIBUTION FOR SECNO= 25.57 CWSEL= 1262.88

STA=	9815.	9850.	10115.	10168.	10221.	10278.	10386.	10535.	10613.	10665.	11199.	11422.	11440.
PER Q=	1.2	62.5	3.9	3.5	3.6	4.6	4.4	4.0	3.1	3.0	5.6	.6	
AREA=	104.4	1945.8	264.0	246.2	256.9	382.4	427.6	312.6	224.1	532.8	519.0	52.2	
VEL=	3.4	9.3	4.3	4.2	4.1	3.5	3.0	3.8	4.0	1.6	3.1	3.1	
DEPTH=	3.0	7.3	5.0	4.7	4.5	3.5	2.9	4.0	4.3	1.0	2.3	2.8	

*SECNO 25.666

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9765.6 11195.3 TYPE= 1 TARGET= 1429.700

25.666	8.64	1264.04	1262.90	.00	1265.02	.99	1.22	.03	1259.80
29000.0	309.3	19379.5	9311.3	99.0	2051.9	2665.3	24400.4	6104.6	1258.30
6.56	3.12	9.44	3.49	.050	.030	.050	.000	1255.40	9802.11
.002477	525.	497.	480.	2	15	0	.00	1218.05	11114.11

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 25.67 CWSEL= 1264.04

STA=	9802.	9842.	10115.	10156.	10210.	10260.	10355.	10430.	10522.	10940.	11048.	11114.
PER Q=	1.1	66.8	3.3	3.6	3.1	4.9	3.0	3.7	3.6	4.4	2.4	
AREA=	99.0	2051.9	211.5	254.3	225.8	381.1	260.4	317.6	431.8	371.8	211.0	
VEL=	3.1	9.4	4.5	4.1	4.0	3.8	3.4	3.4	2.4	3.4	3.3	
DEPTH=	2.5	7.5	5.2	4.6	4.5	4.0	3.4	3.5	1.0	3.4	3.2	

*SECNO 25.691

25.691	7.52	1265.52	1264.13	.00	1266.09	.57	1.02	.04	1263.60
29000.0	1405.6	23272.4	4322.1	628.6	3506.6	1608.3	24456.2	6119.7	1262.00
6.58	2.24	6.64	2.69	.050	.030	.050	.000	1258.00	9210.46
.001997	470.	460.	460.	2	16	0	.00	1622.66	10833.12

FLOW DISTRIBUTION FOR SECNO= 25.69 CWSEL= 1265.52

STA=	9210.	9485.	9521.	10196.	10287.	10445.	10555.	10787.	10833.
PER Q=	3.7	1.2	80.2	3.4	3.3	3.8	4.3	.2	
AREA=	512.5	116.1	3506.6	320.7	373.9	369.4	508.9	35.4	
VEL=	2.1	2.9	6.6	3.1	2.5	3.0	2.4	1.3	
DEPTH=	1.9	3.2	5.2	3.5	2.4	3.4	2.2	.8	

*SECNO 25.720

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.720	8.59	1266.39	1266.39	.00	1267.75	1.37	1.17	.24	1264.00
29000.0	6290.3	12748.7	9961.0	1717.5	973.0	1876.9	24499.3	6133.1	1260.00
6.60	3.66	13.10	5.31	.050	.030	.050	.000	1257.80	9033.37
.005799	355.	375.	355.	0	11	0	.00	1639.09	10672.46

FLOW DISTRIBUTION FOR SECNO= 25.72 CWSEL= 1266.39

STA=	9033.	9370.	9635.	9785.	9925.	10075.	10380.	10630.	10672.
PER Q=	4.7	8.4	5.7	2.9	44.0	28.0	5.1	1.2	
AREA=	467.5	611.9	388.0	250.1	973.0	1337.9	446.6	92.4	
VEL=	2.9	4.0	4.3	3.3	13.1	6.1	3.3	3.9	
DEPTH=	1.4	2.3	2.6	1.8	6.5	4.4	1.8	2.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 25.790

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.71

25.790	9.55	1268.35	1267.23	.00	1268.93	.58	1.10	.08	1264.00
29000.0	9093.9	10203.0	9703.1	3414.3	1111.6	2351.7	24545.3	6147.1	1260.00
6.61	2.66	9.18	4.13	.050	.030	.050	.000	1258.80	8663.71
.001972	350.	350.	350.	2	6	0	.00	1847.17	10510.88

FLOW DISTRIBUTION FOR SECNO= 25.79 CWSEL= 1268.35

STA=	8664.	9405.	9465.	9720.	9835.	9930.	10060.	10325.	10400.	10480.	10500.	10511.
PER Q=	13.5	3.2	6.7	3.0	5.0	35.2	26.3	2.9	3.1	1.1	.2	
AREA=	1685.3	261.0	726.9	327.8	413.3	1111.6	1682.9	270.0	288.0	87.0	23.7	
VEL=	2.3	3.5	2.7	2.7	3.5	9.2	4.5	3.1	3.1	3.5	2.1	
DEPTH=	2.3	4.4	2.9	2.9	4.4	8.6	6.4	3.6	3.6	4.4	2.2	

*SECNO 25.860

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.860	8.84	1268.84	1268.84	.00	1270.39	1.55	1.02	.29	1264.00
29000.0	6593.5	22379.7	26.8	2309.5	1987.9	11.0	24596.6	6163.6	1264.00
6.63	2.85	11.26	2.44	.050	.030	.050	.000	1260.00	8283.24
.003443	400.	400.	400.	0	11	0	.00	1729.92	10204.54

FLOW DISTRIBUTION FOR SECNO= 25.86 CWSEL= 1268.84

STA=	8283.	9335.	9600.	9940.	10200.	10205.
PER Q=	5.8	10.2	6.8	77.2	.1	
AREA=	839.5	805.1	665.0	1987.9	11.0	
VEL=	2.0	3.7	3.0	11.3	2.4	
DEPTH=	.8	3.0	2.0	7.6	2.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 25.940

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

25.940	8.37	1271.77	1271.77	.00	1272.71	.94	2.06	.06	1269.20
29000.0	9070.7	11475.6	8453.7	2860.1	1000.9	1992.1	24647.7	6186.3	1267.00
6.64	3.17	11.47	4.24	.060	.035	.065	.000	1263.40	8140.96
.006981	450.	430.	420.	0	10	0	.00	2745.91	10886.87

FLOW DISTRIBUTION FOR SECNO= 25.94 CWSEL= 1271.77

STA=	8141.	8578.	9101.	9241.	9532.	9945.	10117.	10185.	10242.	10480.	10780.	10887.
PER Q=	3.7	4.7	6.7	10.0	6.3	39.6	10.3	5.5	3.5	8.6	1.2	
AREA=	465.5	560.8	436.9	748.1	648.7	1000.9	446.8	286.2	384.8	726.2	148.1	
VEL=	2.3	2.4	4.4	3.9	2.8	11.5	6.7	5.6	2.6	3.4	2.4	
DEPTH=	1.1	1.1	3.1	2.6	1.6	5.8	6.6	5.0	1.6	2.4	1.4	

*SECNO 26.030

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.74

26.030	7.81	1274.11	1272.50	.00	1274.35	.24	1.57	.07	1272.10
29000.0	9163.9	11802.3	8033.8	3659.5	2180.1	3404.4	24718.7	6213.6	1269.60
6.68	2.50	5.41	2.36	.060	.035	.065	.000	1266.30	8051.78
.002295	310.	460.	500.	3	14	0	.00	3341.97	11393.75

FLOW DISTRIBUTION FOR SECNO= 26.03 CWSEL= 1274.11

STA=	8052.	8747.	9174.	9265.	9439.	9605.	10107.	10219.	10664.	11124.	11394.
PER Q=	5.5	7.7	5.1	9.8	3.6	40.7	4.9	4.8	16.5	1.5	
AREA=	903.9	1030.2	437.9	837.3	450.2	2180.1	488.6	822.7	1776.5	316.7	
VEL=	1.8	2.2	3.4	3.4	2.3	5.4	2.9	1.7	2.7	1.4	
DEPTH=	1.3	2.4	4.8	4.8	2.7	4.3	4.4	1.8	3.9	1.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26.120

3265 DIVIDED FLOW

26.120	7.63	1275.23	1273.52	.00	1275.45	.22	1.10	.00	1273.50
29000.0	10602.5	8165.6	10231.9	3725.8	1434.4	4109.5	24815.7	6249.4	1273.80
6.71	2.85	5.69	2.49	.060	.035	.065	.000	1267.60	8229.61
.002549	410.	450.	505.	3	14	0	.00	3465.64	11804.21

FLOW DISTRIBUTION FOR SECNO= 26.12 CWSEL= 1275.23

STA=	8230.	8813.	8961.	9161.	9271.	9382.	9454.	9730.	10061.	10363.	10560.	11007.	11312.
PER Q=	3.4	4.4	6.7	4.9	3.5	5.9	7.7	28.2	5.9	4.4	6.5	16.7	
AREA=	504.7	470.5	685.8	448.7	361.4	423.3	831.5	1434.4	722.5	557.3	973.9	1472.8	
VEL=	2.0	2.7	2.8	3.2	2.8	4.1	2.7	5.7	2.4	2.3	1.9	3.3	
DEPTH=	.9	3.2	3.4	4.1	3.3	5.9	3.0	4.3	2.4	2.8	2.2	4.8	

STA=	11312.	11804.
PER Q=	1.6	
AREA=	382.9	
VEL=	1.2	
DEPTH=	.8	

*SECNO 26.200

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .63

26.200	7.59	1276.79	1276.07	.00	1277.30	.52	1.77	.09	1275.50
29000.0	10200.8	11192.4	7606.8	2582.0	1405.1	2176.9	24897.2	6280.9	1276.90
6.74	3.95	7.97	3.49	.060	.035	.065	.000	1269.20	8536.79
.006429	460.	460.	460.	2	10	0	.00	2504.92	11657.59

FLOW DISTRIBUTION FOR SECNO= 26.20 CWSEL= 1276.79

STA=	8537.	9010.	9129.	9355.	9682.	10073.	10571.	10720.	11247.	11658.
PER Q=	12.5	5.1	12.7	4.9	38.6	4.1	5.4	14.8	2.0	
AREA=	904.7	356.1	800.5	520.7	1405.1	356.4	423.5	1215.4	181.7	
VEL=	4.0	4.1	4.6	2.7	8.0	3.4	3.7	3.5	3.1	
DEPTH=	1.9	3.0	3.5	1.6	3.6	.7	2.8	2.3	.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26.290

3265 DIVIDED FLOW

26.290	7.41	1279.01	1277.95	.00	1279.44	.43	2.13	.01	1276.70
29000.0	9458.2	13409.6	6132.1	2946.0	1895.0	2480.3	24964.9	6310.2	1278.80
6.76	3.21	7.08	2.47	.060	.035	.065	.000	1271.60	8461.54
.003781	460.	440.	410.	2	14	0	.00	3366.23	11867.93

FLOW DISTRIBUTION FOR SECNO= 26.29 CWSEL= 1279.01

STA=	8462.	8962.	9349.	9696.	10120.	11021.	11201.	11724.	11868.
PER Q=	7.2	6.8	18.6	46.2	6.6	10.9	3.2	.4	
AREA=	747.6	797.4	1401.0	1895.0	1008.0	820.9	570.0	81.5	
VEL=	2.8	2.5	3.9	7.1	1.9	3.9	1.6	1.5	
DEPTH=	1.5	2.1	4.0	4.5	1.1	4.6	1.1	.6	

CNO 26.370

3265 DIVIDED FLOW

26.370	8.69	1280.59	1279.21	.00	1280.91	.32	1.45	.01	1278.00
29000.0	8261.3	10810.2	9928.5	2885.9	1616.8	4500.8	25053.2	6347.6	1276.60
6.79	2.86	6.69	2.21	.060	.035	.065	.000	1271.90	8629.11
.002584	490.	460.	460.	3	5	0	.00	3563.63	12251.68

FLOW DISTRIBUTION FOR SECNO= 26.37 CWSEL= 1280.59

STA=	8629.	9094.	9552.	9626.	9764.	10060.	10278.	11081.	11323.	11846.	12252.
PER Q=	10.1	4.0	4.8	9.6	37.3	3.9	16.0	4.1	9.6	.7	
AREA=	1087.2	692.7	376.4	729.5	1616.8	531.2	1903.6	524.9	1300.4	240.7	
VEL=	2.7	1.7	3.7	3.8	6.7	2.1	2.4	2.3	2.1	.8	
DEPTH=	2.3	1.5	5.1	5.3	5.5	2.4	2.4	2.2	2.5	.6	

*SECNO 26.470

3265 DIVIDED FLOW

26.470	6.75	1282.05	1280.98	.00	1282.58	.53	1.61	.06	1280.10
27000.0	3717.6	14392.7	8889.7	1372.8	1934.2	2697.3	25137.7	6380.6	1280.30
6.82	2.71	7.44	3.30	.060	.035	.070	.000	1275.30	8987.28
.004373	510.	490.	480.	2	14	0	.00	2305.19	12464.30

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 26.47 CWSEL= 1282.05

STA=	8987.	9010.	9341.	9639.	10087.	10375.	10594.	10860.	11007.	11028.	12356.	12464.
PER Q=	.1	7.2	6.5	53.3	1.4	3.3	17.6	10.2	.3	.0	.0	
AREA=	22.1	710.8	639.9	1934.2	272.8	415.5	1222.9	697.9	42.3	27.0	18.8	
VEL=	1.6	2.7	2.7	7.4	1.4	2.2	3.9	4.0	2.2	.4	.4	
DEPTH=	1.0	2.1	2.1	4.3	.9	1.9	4.6	4.7	2.0	.0	.2	

*SECNO 26.550

3265 DIVIDED FLOW

26.550	7.39	1283.99	1282.97	.00	1284.45	.47	1.87	.01	1283.30
27000.0	3752.5	12379.9	10867.6	1191.9	1672.1	3651.1	25199.2	6409.0	1280.00
6.84	3.15	7.40	2.98	.060	.035	.070	.000	1276.60	9223.34
.004355	420.	430.	430.	3	11	0	.00	3474.63	13036.77

FLOW DISTRIBUTION FOR SECNO= 26.55 CWSEL= 1283.99

STA=	9223.	9245.	9507.	9728.	10117.	10254.	10786.	10897.	10931.	10976.	11788.	13009.	13037.
PER Q=	.5	11.2	2.2	45.9	4.4	26.5	6.5	1.1	.5	.2	1.0	.0	
AREA=	48.6	848.0	295.4	1672.1	409.2	2067.7	475.8	99.8	70.0	115.0	410.9	2.6	
VEL=	2.8	3.6	2.0	7.4	2.9	3.5	3.7	2.9	1.9	.5	.7	.3	
DEPTH=	2.2	3.2	1.3	4.3	3.0	3.9	4.3	2.9	1.5	.1	.3	.1	

*SECNO 26.630

26.630	6.36	1285.76	1283.99	.00	1286.04	.28	1.57	.02	1284.10
27000.0	1955.5	10765.5	14279.1	783.5	1780.7	6051.5	25279.8	6448.7	1281.80
6.88	2.50	6.05	2.36	.060	.035	.070	.000	1279.40	9493.56
.002723	440.	460.	470.	2	14	0	.00	3949.67	13443.23

FLOW DISTRIBUTION FOR SECNO= 26.63 CWSEL= 1285.76

STA=	9494.	9510.	9641.	9792.	10187.	10467.	10741.	10861.	11016.	11057.	11351.	12475.	13443.
PER Q=	.2	4.1	3.0	39.9	13.6	19.9	6.3	3.6	.4	.1	5.1	3.9	
AREA=	25.2	401.3	356.9	1780.7	1235.8	1538.1	553.6	436.1	64.1	77.5	1195.6	950.6	
VEL=	1.7	2.7	2.3	6.0	3.0	3.5	3.1	2.2	1.5	.5	1.2	1.1	
DEPTH=	1.5	3.1	2.4	4.5	4.4	5.6	4.6	2.8	1.6	.3	1.1	1.0	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26.730

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9355.0 13648.0 TYPE= 1 TARGET= 4293.000

26.730	7.09	1286.89	1285.00	.00	1287.47	.58	1.34	.09	1280.70
27000.0	1547.1	12856.6	12596.3	538.8	1559.8	4103.7	25360.3	6488.0	1279.90
6.90	2.87	8.24	3.07	.060	.035	.070	.000	1279.80	9724.11
.002885	460.	490.	470.	2	15	0	.00	3319.57	13352.24

FLOW DISTRIBUTION FOR SECNO= 26.73 CWSEL= 1286.89

STA=	9724.	9898.	10125.	10364.	10521.	10628.	11057.	13352.
PER Q=	5.7	47.6	25.9	6.0	6.2	8.1	.5	
AREA=	538.8	1559.8	1673.3	586.4	516.9	1051.6	275.6	
VEL=	2.9	8.2	4.2	2.8	3.3	2.1	.4	
DEPTH=	3.1	6.9	7.0	3.7	4.8	2.5	.1	

*SECNO 26.830

26.830	6.37	1288.37	1287.90	.00	1289.18	.80	1.64	.07	1282.60
27000.0	248.7	13188.4	13562.9	71.1	1341.2	4534.4	25414.9	6515.5	1282.30
6.92	3.50	9.83	2.99	.060	.035	.070	.000	1282.00	9873.37
.005022	550.	540.	330.	2	12	0	.00	3536.39	13409.76

FLOW DISTRIBUTION FOR SECNO= 26.83 CWSEL= 1288.37

STA=	9873.	9898.	10125.	10343.	10362.	10962.	11136.	11195.	11584.	12676.	13410.
PER Q=	.9	48.8	25.6	1.2	12.7	5.5	1.0	.4	2.8	1.0	
AREA=	71.1	1341.2	1357.2	83.1	1335.4	491.6	116.6	146.1	683.2	321.2	
VEL=	3.5	9.8	5.1	4.0	2.6	3.0	2.4	.8	1.1	.9	
DEPTH=	2.9	5.9	6.2	4.4	2.2	2.8	2.0	.4	.6	.4	

*SECNO 26.940

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.52

26.940	8.07	1290.17	1288.62	.00	1290.76	.58	1.56	.02	1282.10
27000.0	3222.6	14797.8	8979.6	827.4	1856.7	5095.8	25481.6	6545.0	1282.10
6.94	3.90	7.97	1.76	.060	.035	.070	.000	1282.10	9805.83
.002176	620.	590.	350.	2	8	0	.00	3364.75	13170.58

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 26.94 CWSEL= 1290.17

STA=	9806.	9819.	9944.	10174.	10203.	10597.	10687.	10979.	11028.	12153.	13042.	13168.	13171.
PER Q=	.2	11.7	54.8	2.0	13.8	1.8	6.2	1.1	6.2	2.1	.1	.0	
AREA=	30.8	796.6	1856.7	170.3	1525.9	245.0	838.8	143.2	1431.9	687.0	53.3	.5	
VEL=	2.0	4.0	8.0	3.2	2.4	1.9	2.0	2.0	1.2	.8	.6	.3	
DEPTH=	2.3	6.4	8.1	5.9	3.9	2.7	2.9	2.9	1.3	.8	.4	.2	

*SECNO 27.030

27.030	10.01	1291.21	1289.08	.00	1292.01	.80	1.19	.07	1287.20
27000.0	11337.4	10646.8	5015.8	1836.8	1136.2	2019.4	25540.2	6567.8	1286.20
6.96	6.17	9.37	2.48	.060	.035	.070	.000	1281.20	9703.74
.003492	490.	460.	340.	2	5	0	.00	2165.38	11869.11

FLOW DISTRIBUTION FOR SECNO= 27.03 CWSEL= 1291.21

STA=	9704.	9723.	9814.	9900.	9922.	10079.	10450.	10553.	10732.	10749.	11081.	11869.
PER Q=	1.0	19.2	19.2	2.5	39.4	15.0	.8	2.3	.2	.1	.1	
AREA=	77.2	820.0	800.8	138.8	1136.2	1358.3	145.4	333.2	29.1	70.2	83.3	
VEL=	3.5	6.3	6.5	4.9	9.4	3.0	1.6	1.9	1.8	.4	.3	
DEPTH=	4.0	9.0	9.3	6.3	7.2	3.7	1.4	1.9	1.7	.2	.1	

*SECNO 27.110

3301 HV CHANGED MORE THAN HVINS

27.110	9.00	1292.70	1289.58	.00	1292.94	.24	.87	.06	1288.00
27000.0	20045.2	5734.7	1220.1	5595.9	1089.4	1206.8	25588.1	6586.5	1291.30
6.99	3.58	5.26	1.01	.060	.035	.070	.000	1283.70	8827.30
.002059	280.	420.	360.	2	14	0	.00	2599.07	11426.37

FLOW DISTRIBUTION FOR SECNO= 27.11 CWSEL= 1292.70

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	8827.	9000.	9045.	9071.	9124.	9203.	9376.	9435.	9548.	9601.	9650.	9709.	9764.
PER Q=	5.9	5.6	3.2	5.9	9.7	4.7	3.6	9.4	4.7	3.1	6.7	4.7	
AREA=	610.7	346.5	198.9	378.9	600.3	522.2	296.7	683.6	331.2	248.1	427.7	335.5	
VEL=	2.6	4.4	4.3	4.2	4.3	2.4	3.3	3.7	3.8	3.3	4.2	3.7	
DEPTH=	3.5	7.7	7.6	7.1	7.6	3.0	5.0	6.0	6.2	5.1	7.2	6.1	

STA=	9764.	9895.	10136.	11244.	11426.
PER Q=	7.2	21.2	4.5	.0	
AREA=	615.6	1089.4	1179.5	27.3	
VEL=	3.2	5.3	1.0	.3	
DEPTH=	4.7	4.5	1.1	.1	

*SECNO 27.190

27.190	7.80	1293.80	1291.59	.00	1294.12	.32	1.16	.02	1288.20
27000.0	17007.7	9987.8	4.5	5581.4	1588.4	20.5	25683.1	6613.7	1293.60
7.02	3.05	6.29	.22	.060	.035	.070	.000	1286.00	8158.08
.002216	600.	420.	360.	2	14	0	.00	2092.48	10250.56

OW DISTRIBUTION FOR SECNO= 27.19 CWSEL= 1293.80

STA=	8158.	8411.	8531.	8627.	8712.	8771.	9084.	9165.	9274.	9357.	9734.	9765.	10049.
PER Q=	3.1	11.3	7.9	7.9	3.7	4.0	6.7	4.4	3.6	8.7	1.6	37.0	
AREA=	451.5	762.4	561.9	535.8	295.2	601.4	470.1	414.8	332.5	1016.0	139.6	1588.4	
VEL=	1.9	4.0	3.8	4.0	3.4	1.8	3.8	2.9	2.9	2.3	3.2	6.3	
DEPTH=	1.8	6.4	5.9	6.3	5.0	1.9	5.8	3.8	4.0	2.7	4.5	5.6	

STA=	10049.	10251.
PER Q=	.0	
AREA=	20.5	
VEL=	.2	
DEPTH=	.1	

*SECNO 27.300

27.300	6.16	1295.36	1294.12	.00	1295.74	.38	1.60	.02	1292.20
27000.0	16479.5	10520.5	.0	5736.6	1498.0	.0	25790.8	6646.7	1296.10
7.06	2.87	7.02	.00	.060	.035	.000	.000	1289.20	7740.50
.002870	670.	580.	470.	2	14	0	.00	2337.77	10078.27

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 27.30 CWSEL= 1295.36

STA=	7741.	7925.	7979.	8050.	8258.	8477.	8614.	8873.	8939.	9195.	9395.	9632.	9803.
PER Q=	4.3	3.9	3.1	9.9	7.4	7.8	3.9	4.6	4.0	3.1	3.1	5.8	
AREA=	421.1	270.5	263.3	793.9	694.8	597.2	507.4	317.2	499.8	401.8	428.8	540.7	
VEL=	2.8	3.9	3.2	3.4	2.9	3.5	2.1	3.9	2.2	2.1	2.0	2.9	
DEPTH=	2.3	5.0	3.7	3.8	3.2	4.4	2.0	4.8	2.0	2.0	1.8	3.2	

STA=	9803.	10081.
PER Q=	39.0	
AREA=	1498.0	
VEL=	7.0	
DEPTH=	5.4	

*SECNO 27.390

27.390	6.72	1297.02	1295.62	.00	1297.41	.39	1.67	.00	1290.30
27000.0	18166.3	8552.7	281.0	5978.1	1119.1	96.8	25898.2	6685.4	1290.80
7.10	3.04	7.64	2.90	.055	.035	.055	.000	1290.30	7398.65
.002606	690.	470.	470.	2	11	0	.00	2701.47	10100.12

FLOW DISTRIBUTION FOR SECNO= 27.39 CWSEL= 1297.02

STA=	7399.	7479.	7777.	7946.	8028.	8208.	8404.	8656.	8865.	8947.	9808.	9900.	10069.
PER Q=	3.1	3.6	11.3	3.0	6.1	5.9	4.5	4.9	4.2	10.3	10.4	31.7	
AREA=	237.4	481.7	776.6	268.5	524.5	554.7	472.0	522.7	324.8	1227.6	587.7	1119.1	
VEL=	3.6	2.0	3.9	3.0	3.1	2.8	2.6	2.5	3.5	2.3	4.8	7.6	
DEPTH=	3.0	1.6	4.6	3.3	2.9	2.8	1.9	2.5	4.0	1.4	6.4	6.6	

STA=	10069.	10100.
PER Q=	1.0	
AREA=	96.8	
VEL=	2.9	
DEPTH=	3.1	

*SECNO 27.480

27.480	7.17	1298.67	1297.93	.00	1299.13	.46	1.70	.02	1294.90
27000.0	15350.5	9275.7	2373.9	5134.3	1146.8	497.9	25993.7	6722.4	1292.80
7.13	2.99	8.09	4.77	.055	.035	.055	.000	1291.50	7587.14
.003373	620.	500.	500.	2	10	0	.00	2599.53	10186.67

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 27.48 CWSEL= 1298.67

STA=	7587.	7764.	7961.	8054.	8226.	8427.	8717.	8960.	9547.	9669.	9894.	10087.	10157.
PER Q=	5.2	7.1	4.2	4.7	3.0	3.7	10.6	5.9	4.1	8.3	34.4	7.8	
AREA=	466.0	545.2	319.9	433.5	355.5	460.0	811.7	731.8	350.0	660.7	1146.8	410.8	
VEL=	3.0	3.5	3.6	2.9	2.3	2.2	3.5	2.2	3.2	3.4	8.1	5.1	
DEPTH=	2.6	2.8	3.4	2.5	1.8	1.6	3.3	1.2	2.9	2.9	5.9	5.9	

STA=	10157.	10187.
PER Q=	1.0	
AREA=	87.1	
VEL=	3.2	
DEPTH=	2.9	

*SECNO 27.580

27.580	7.54	1300.64	1299.07	.00	1300.93	.29	1.78	.02	1297.80
27000.0	19195.3	7515.2	289.5	6180.0	1150.5	104.3	26100.6	6760.1	1294.50
7.17	3.11	6.53	2.78	.055	.035	.055	.000	1293.10	7859.45
.002420	690.	520.	520.	2	12	0	.00	2287.54	10146.99

FLOW DISTRIBUTION FOR SECNO= 27.58 CWSEL= 1300.64

STA=	7859.	7994.	8103.	8324.	8567.	8824.	8881.	9126.	9612.	9776.	9809.	9872.	9905.
PER Q=	8.0	5.4	6.9	4.2	10.2	4.3	6.1	6.1	6.2	3.4	8.1	2.2	
AREA=	592.8	434.4	670.7	518.8	877.1	293.7	639.6	790.9	555.1	204.1	446.4	156.3	
VEL=	3.6	3.3	2.8	2.2	3.2	4.0	2.6	2.1	3.0	4.5	4.9	3.7	
DEPTH=	4.4	4.0	3.0	2.1	3.4	5.2	2.6	1.6	3.4	6.2	7.1	4.7	

STA=	9905.	10113.	10147.
PER Q=	27.8	1.1	
AREA=	1150.5	104.3	
VEL=	6.5	2.8	
DEPTH=	5.5	3.1	

*SECNO 27.680

3265 DIVIDED FLOW

27.680	7.60	1302.30	1301.49	.00	1302.83	.53	1.83	.07	1301.60
27000.0	17420.8	9193.0	386.2	4514.4	1091.3	87.7	26185.1	6791.5	1294.70
7.20	3.86	8.42	4.41	.055	.035	.055	.000	1294.70	7541.05
.004798	570.	520.	520.	2	14	0	.00	2554.70	10101.06

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 27.68 CWSEL= 1302.30

STA=	7541.	8317.	8587.	8870.	8999.	9230.	9379.	9459.	9624.	9695.	9738.	9853.	10078.
PER Q=	8.0	14.1	5.8	3.2	3.3	5.6	3.2	6.2	11.3	3.1	.7	34.0	
AREA=	632.6	905.6	531.5	266.6	335.5	410.9	228.3	454.4	464.9	174.3	109.7	1091.3	
VEL=	3.4	4.2	2.9	3.3	2.7	3.7	3.8	3.7	6.6	4.7	1.8	8.4	
DEPTH=	.8	3.4	1.9	2.1	1.5	2.8	2.9	2.8	6.5	4.1	1.0	4.9	

STA=	10078.	10101.
PER Q=	1.4	
AREA=	87.7	
VEL=	4.4	
DEPTH=	3.8	

*SECNO 27.770

3265 DIVIDED FLOW

27.770	7.07	1304.47	1303.59	.00	1305.03	.56	2.18	.01	1303.20
27000.0	15855.1	10948.6	196.3	4292.0	1318.9	51.5	26248.0	6817.1	1297.40
7.23	3.69	8.30	3.81	.055	.035	.055	.000	1297.40	7526.74
.004253	480.	490.	500.	2	14	0	.00	2082.98	10104.59

FLOW DISTRIBUTION FOR SECNO= 27.77 CWSEL= 1304.47

STA=	7527.	8601.	8671.	8733.	8890.	9025.	9261.	9378.	9481.	9692.	9810.	9836.	10090.
PER Q=	4.5	5.4	5.1	9.1	7.5	3.8	8.6	3.8	4.3	6.1	.5	40.6	
AREA=	607.2	309.1	283.0	583.3	488.0	369.6	499.0	290.0	402.8	408.9	51.1	1318.9	
VEL=	2.0	4.7	4.8	4.2	4.2	2.8	4.6	3.5	2.9	4.0	2.8	8.3	
DEPTH=	.6	4.4	4.6	3.7	3.6	1.6	4.3	2.8	1.9	3.5	2.0	5.2	

STA=	10090.	10105.
PER Q=	.7	
AREA=	51.5	
VEL=	3.8	
DEPTH=	3.5	

*SECNO 27.860

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

27.860	8.55	1306.05	1304.91	.00	1306.55	.50	1.51	.01	1302.60
25000.0	10924.9	13459.4	615.7	4177.5	1843.6	191.7	26312.7	6840.3	1297.50
7.25	2.62	7.30	3.21	.055	.035	.055	.000	1297.50	7589.71
.002430	475.	475.	475.	2	8	0	.00	2169.40	10130.63

FLOW DISTRIBUTION FOR SECNO= 27.86 CWSEL= 1306.05

STA=	7590.	8643.	8831.	8992.	9044.	9253.	9557.	9774.	10057.	10131.
PER Q=	8.9	3.7	4.1	3.1	10.8	6.7	6.4	53.8	2.5	
AREA=	1043.8	413.8	361.1	221.1	815.3	714.7	607.8	1843.6	191.7	
VEL=	2.1	2.3	2.8	3.5	3.3	2.4	2.6	7.3	3.2	
DEPTH=	1.0	2.2	2.2	4.3	3.9	2.4	2.8	6.5	2.6	

*SECNO 27.940

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .70

27.940	8.34	1307.44	1306.56	.00	1308.00	.56	1.44	.02	1304.10
25000.0	15475.9	9430.6	93.5	3890.8	1132.0	31.8	26367.3	6859.9	1303.50
7.27	3.98	8.33	2.94	.055	.035	.055	.000	1299.10	7877.74
.004963	415.	440.	440.	2	10	0	.00	1900.05	10203.16

FLOW DISTRIBUTION FOR SECNO= 27.94 CWSEL= 1307.44

STA=	7878.	8729.	8806.	9018.	9260.	9374.	9657.	9944.	10187.	10203.
PER Q=	3.6	3.8	3.2	3.8	11.4	19.7	16.3	37.7	.4	
AREA=	449.4	238.1	322.6	333.1	521.5	1066.9	959.2	1132.0	31.8	
VEL=	2.0	4.0	2.5	2.8	5.5	4.6	4.3	8.3	2.9	
DEPTH=	.5	3.1	1.5	1.4	4.6	3.8	3.3	4.7	2.0	

*SECNO 28.040

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.43

28.040	5.91	1309.51	1307.67	.00	1309.80	.29	1.77	.03	1304.60
25000.0	9712.0	7864.8	7423.2	3187.0	1274.9	2406.6	26439.8	6885.9	1307.50
7.31	3.05	6.17	3.08	.055	.035	.055	.000	1303.60	8283.72
.002432	550.	500.	500.	2	11	0	.00	2344.96	10854.48

FLOW DISTRIBUTION FOR SECNO= 28.04 CWSEL= 1309.51

STA=	8284.	9028.	9235.	9579.	9809.	10061.	10352.	10537.	10605.	10675.	10825.	10854.
PER Q=	7.6	4.6	6.8	19.8	31.5	4.8	11.3	4.9	4.9	3.7	.1	
AREA=	809.2	488.6	667.9	1221.3	1274.9	557.0	797.4	323.7	329.7	376.5	22.3	
VEL=	2.4	2.4	2.5	4.1	6.2	2.2	3.5	3.8	3.7	2.5	1.1	
DEPTH=	1.1	2.4	1.9	5.3	5.1	1.9	4.3	4.8	4.7	2.5	.8	

*SECNO 28.120

3265 DIVIDED FLOW

28.120	6.09	1310.69	1309.88	.00	1311.39	.70	1.46	.12	1304.90
25000.0	9689.4	9733.5	5577.1	2319.5	1021.5	1519.5	26500.2	6907.8	1304.60
7.33	4.18	9.53	3.67	.055	.035	.055	.000	1304.60	8712.61
.004611	440.	450.	460.	2	11	0	.00	1908.06	10913.64

FLOW DISTRIBUTION FOR SECNO= 28.12 CWSEL= 1310.69

STA=	8713.	9182.	9411.	9675.	9906.	10076.	10527.	10680.	10781.	10914.
PER Q=	3.1	3.1	8.3	24.3	38.9	4.9	10.8	4.0	2.6	
AREA=	254.3	327.9	595.8	1141.5	1021.5	413.0	595.4	276.9	234.2	
VEL=	3.0	2.3	3.5	5.3	9.5	3.0	4.5	3.6	2.8	
DEPTH=	.5	1.4	2.3	4.9	6.0	.9	3.9	2.7	1.8	

*SECNO 28.210

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9180.0 12000.0 TYPE= 1 TARGET= 2820.000

28.210	7.96	1312.36	1310.77	.00	1312.95	.58	1.55	.01	1306.90
25000.0	4131.2	14508.0	6360.8	1435.2	1906.9	2008.4	26556.5	6926.6	1304.40
7.35	2.88	7.61	3.17	.055	.035	.055	.000	1304.40	9247.02
.002381	480.	480.	480.	1	8	0	.00	1504.22	10888.52

FLOW DISTRIBUTION FOR SECNO= 28.21 CWSEL= 1312.36

STA=	9247.	9367.	9409.	9475.	9578.	9798.	10069.	10105.	10430.	10565.	10866.	10889.
PER Q=	.5	.2	.8	3.0	12.0	58.0	1.9	.4	4.2	18.5	.4	
AREA=	100.1	44.9	110.1	285.1	895.0	1906.9	144.3	109.5	394.0	1314.8	45.8	
VEL=	1.2	1.4	1.9	2.6	3.4	7.6	3.3	.9	2.7	3.5	2.1	
DEPTH=	.8	1.1	1.7	2.8	4.1	7.0	4.0	.3	2.9	4.4	2.0	

*SECNO 28.310

28.310	7.73	1313.63	1312.55	.00	1314.34	.70	1.36	.04	1307.70
25000.0	7248.0	11746.2	6005.8	1631.8	1314.6	1999.6	26613.5	6943.0	1307.30
7.38	4.44	8.94	3.00	.055	.035	.055	.000	1305.90	9561.35
.003336	465.	490.	490.	2	12	0	.00	1448.44	11009.78

FLOW DISTRIBUTION FOR SECNO= 28.31 CWSEL= 1313.63

STA=	9561.	9598.	9798.	9935.	10124.	10196.	10523.	10862.	10975.	11010.
PER Q=	.2	12.2	16.6	47.0	3.7	2.1	12.3	5.6	.3	
AREA=	35.3	784.9	811.6	1314.6	253.8	335.0	974.4	392.6	43.9	
VEL=	1.5	3.9	5.1	8.9	3.6	1.6	3.2	3.6	1.8	
DEPTH=	1.0	3.9	5.9	7.0	3.5	1.0	2.9	3.5	1.3	

*SECNO 28.390

3470 ENCROACHMENT STATIONS= 9750.0 13160.0 TYPE= 1 TARGET= 3410.000

28.390	8.33	1315.03	1313.50	.00	1315.62	.59	1.27	.01	1308.60
25000.0	1160.1	11777.8	12062.1	333.2	1425.4	3696.1	26664.6	6958.6	1308.80
7.40	3.48	8.26	3.26	.055	.035	.055	.000	1306.70	9779.62
.002652	400.	435.	435.	2	11	0	.00	1726.82	11506.44

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 28.39 CWSEL= 1315.03

STA=	9780.	9880.	10074.	10197.	10356.	10728.	10810.	10996.	11151.	11493.	11506.
PER Q=	4.6	47.1	14.5	10.3	4.1	4.0	9.1	3.2	3.2	.0	
AREA=	333.2	1425.4	766.9	683.6	474.0	302.2	685.5	331.9	447.7	4.3	
VEL=	3.5	8.3	4.7	3.7	2.2	3.3	3.3	2.4	1.8	.6	
DEPTH=	3.3	7.3	6.2	4.3	1.3	3.7	3.7	2.1	1.3	.3	

*SECNO 28.450

3470 ENCROACHMENT STATIONS= 9475.0 11299.0 TYPE= 1 TARGET= 1824.000

28.450	9.24	1315.94	1314.89	.00	1317.02	1.09	1.25	.15	1315.60
25000.0	.0	16631.5	8368.5	.0	1686.3	2112.6	26707.8	6972.9	1311.00
7.41	.02	9.86	3.96	.055	.035	.055	.000	1306.70	9935.73
.004314	270.	320.	460.	2	5	0	.00	1147.67	11083.40

FLOW DISTRIBUTION FOR SECNO= 28.45 CWSEL= 1315.94

STA=	9936.	10186.	10238.	10365.	10688.	10736.	10936.	10998.	11083.
PER Q=	66.5	7.2	7.8	2.1	2.1	13.1	1.2	.1	
AREA=	1686.3	308.8	462.2	303.3	143.5	757.8	114.0	23.0	
VEL=	9.9	5.8	4.2	1.7	3.7	4.3	2.7	.7	
DEPTH=	6.7	5.9	3.6	.9	3.0	3.8	1.8	.3	

*SECNO 28.520

3470 ENCROACHMENT STATIONS= 9720.0 11012.0 TYPE= 1 TARGET= 1292.000

28.520	10.33	1317.43	1315.63	.00	1318.30	.87	1.25	.02	1307.70
25000.0	194.8	16274.1	8531.0	53.9	1832.5	2374.3	26741.1	6981.9	1311.00
7.42	3.62	8.88	3.59	.055	.035	.055	.000	1307.10	9955.87
.002863	360.	360.	360.	2	8	0	.00	1043.43	10999.30

FLOW DISTRIBUTION FOR SECNO= 28.52 CWSEL= 1317.43

STA=	9956.	9967.	10204.	10300.	10377.	10695.	10733.	10869.	10971.	10999.
PER Q=	.8	65.1	14.7	5.2	3.2	1.7	5.7	3.2	.5	
AREA=	53.9	1832.5	684.9	337.6	440.1	130.5	446.6	278.9	55.7	
VEL=	3.6	8.9	5.4	3.9	1.8	3.3	3.2	2.8	2.3	
DEPTH=	4.8	7.7	7.1	4.4	1.4	3.4	3.3	2.7	2.0	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 28.580

3470 ENCROACHMENT STATIONS= 9850.0 11141.0 TYPE= 1 TARGET= 1291.000

28.580	9.32	1318.32	1316.36	.00	1319.21	.89	.91	.01	1309.10
25000.0	43.4	20567.5	4389.1	20.0	2495.2	1737.6	26774.3	6990.5	1310.90
7.44	2.17	8.24	2.53	.055	.035	.055	.000	1309.00	9953.92
.002489	340.	340.	340.	2	16	0	.00	1144.81	11098.73

FLOW DISTRIBUTION FOR SECNO= 28.58 CWSEL= 1318.32

STA=	9954.	9959.	10284.	10393.	10497.	10806.	10850.	11038.	11099.
PER Q=	.2	82.3	6.0	.1	6.5	1.6	3.0	.4	
AREA=	20.0	2495.2	438.5	33.6	702.2	137.4	361.5	64.5	
VEL=	2.2	8.2	3.4	.6	2.3	2.9	2.1	1.4	
DEPTH=	3.9	7.7	4.0	.3	2.3	3.1	1.9	1.1	

*SECNO 28.670

[illegible]5 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9450.0 11203.0 TYPE= 1 TARGET= 1753.000

28.670	8.01	1319.51	1318.69	.00	1320.62	1.11	1.34	.07	1311.50
25000.0	208.0	16841.0	7951.0	54.1	1678.8	2398.5	26813.8	7000.8	1312.20
7.45	3.85	10.03	3.32	.055	.035	.055	.000	1311.50	9950.49
.003897	470.	460.	360.	2	16	0	.00	1186.25	11173.23

FLOW DISTRIBUTION FOR SECNO= 28.67 CWSEL= 1319.51

STA=	9950.	9964.	10192.	10502.	10819.	10989.	11044.	11173.
PER Q=	.8	67.4	18.1	4.6	4.1	1.8	3.1	
AREA=	54.1	1678.8	1131.3	478.6	366.8	143.4	278.3	
VEL=	3.8	10.0	4.0	2.4	2.8	3.2	2.8	
DEPTH=	4.0	7.4	3.7	1.5	2.2	2.6	2.2	

*SECNO 28.760

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
28.760	8.56	1321.06	1320.26	.00	1322.34	1.28	1.67	.05	1321.20
25000.0	.0	20938.6	4061.4	.0	2126.3	1631.0	26849.7	7010.5	1317.40
7.47	.00	9.85	2.49	.000	.035	.055	.000	1312.50	9920.06
.003751	500.	475.	320.	2	8	0	.00	1215.71	11322.31

FLOW DISTRIBUTION FOR SECNO= 28.76 CWSEL= 1321.06

STA=	9920.	10203.	10535.	10699.	11016.	11220.	11274.	11322.
PER Q=	83.8	6.0	1.9	4.0	.7	2.9	.8	
AREA=	2126.3	607.9	215.5	469.4	67.1	189.8	81.3	
VEL=	9.8	2.5	2.2	2.2	2.5	3.8	2.3	
DEPTH=	7.5	1.8	1.3	1.5	.3	3.5	1.7	

*SECNO 28.860

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9575.0 12130.0 TYPE= 1 TARGET= 2555.000

28.860	9.92	1323.02	1322.76	.00	1324.30	1.28	1.96	.00	1322.70
25000.0	.0	18409.5	6590.5	.1	1773.2	2015.3	26885.7	7021.7	1321.30
7.48	.02	10.38	3.27	.055	.035	.055	.000	1313.10	9911.52
.004624	550.	515.	310.	2	8	0	.00	1559.51	11800.58

FLOW DISTRIBUTION FOR SECNO= 28.86 CWSEL= 1323.02

STA=	9912.	10169.	10243.	10485.	10549.	10805.	10915.	11285.	11472.	11649.	11801.
PER Q=	73.6	3.4	16.3	1.2	1.2	.4	.0	1.7	1.9	.2	
AREA=	1773.2	223.8	913.3	113.5	198.2	67.2	8.6	210.2	225.5	54.9	
VEL=	10.4	3.8	4.5	2.7	1.5	1.3	.7	2.0	2.2	.9	
DEPTH=	6.9	3.0	3.8	1.8	.8	.6	.0	1.1	1.3	.4	

*SECNO 28.950

3265 DIVIDED FLOW

28.950	13.01	1325.31	1324.34	.00	1326.09	.78	1.74	.05	1325.00
25000.0	.0	18621.8	6378.2	.1	2321.5	2162.0	26922.9	7035.3	1324.50
7.50	.02	8.02	2.95	.055	.035	.055	.000	1312.30	9945.50
.003542	500.	475.	310.	3	9	0	.00	1907.72	12055.97

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 28.95 CWSEL= 1325.31

STA=	9946.	10353.	10551.	10659.	11069.	11727.	12056.
PER Q=	74.5	7.2	9.9	3.2	3.1	2.3
AREA=	2321.5	556.2	530.4	344.9	388.1	342.4
VEL=	8.0	3.2	4.6	2.3	2.0	1.7
DEPTH=	5.7	2.8	4.9	.8	.6	1.0

*SECNO 29.040

29.040	9.62	1326.82	1324.72	.00	1327.28	.46	1.15	.03	1317.30
25000.0	529.1	16828.1	7642.8	127.5	2648.6	3024.4	26972.5	7051.7	1324.30
7.52	4.15	6.35	2.53	.055	.035	.055	.000	1317.20	9807.87
.001871	550.	510.	330.	2	11	0	.00	1968.62	11776.49

FLOW DISTRIBUTION FOR SECNO= 29.04 CWSEL= 1326.82

STA=	9808.	9828.	10239.	10414.	10499.	10584.	11444.	11750.	11776.
PER Q=	2.1	67.3	3.7	4.0	9.0	4.0	9.4	.3
AREA=	127.5	2648.6	431.9	341.5	554.0	699.8	947.8	49.2
VEL=	4.2	6.4	2.1	3.0	4.1	1.4	2.5	1.8
DEPTH=	6.3	6.4	2.5	4.0	6.5	.8	3.1	1.9

*SECNO 29.140

29.140	8.42	1327.82	1326.25	.00	1328.24	.42	.96	.00	1325.30
23000.0	3298.3	13988.0	5713.7	984.0	2249.7	2170.4	27028.0	7069.2	1325.60
7.55	3.35	6.22	2.63	.055	.035	.055	.000	1319.40	9590.64
.002336	560.	500.	340.	2	14	0	.00	1937.73	11528.37

FLOW DISTRIBUTION FOR SECNO= 29.14 CWSEL= 1327.82

STA=	9591.	9646.	9701.	9873.	10299.	10448.	10494.	11232.	11515.	11528.
PER Q=	6.6	3.8	4.0	60.8	9.0	3.6	3.3	8.8	.2
AREA=	338.8	245.9	399.2	2249.7	614.0	217.1	531.7	784.1	23.5
VEL=	4.5	3.5	2.3	6.2	3.4	3.8	1.4	2.6	1.9
DEPTH=	6.1	4.5	2.3	5.3	4.1	4.7	.7	2.8	1.8

*SECNO 29.230

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

29.230	7.55	1328.95	1327.13	.00	1329.40	.45	1.16	.01	1328.30
23000.0	5997.3	14052.9	2949.8	1595.4	2215.1	1164.9	27081.4	7085.5	1327.00
7.58	3.76	6.34	2.53	.055	.035	.055	.000	1321.40	9516.80
.002701	515.	475.	360.	2	19	0	.00	1436.82	11268.27

FLOW DISTRIBUTION FOR SECNO= 29.23 CWSEL= 1328.95

STA=	9517.	9535.	9679.	9898.	10352.	10401.	10442.	10865.	10966.	11130.	11194.	11253.	11268.
PER Q=	.4	14.6	11.1	61.1	1.3	.5	.2	2.2	2.4	1.2	4.5	.4	
AREA=	39.6	777.9	777.9	2215.1	120.2	60.6	51.6	217.4	279.2	128.1	268.6	39.3	
VEL=	2.3	4.3	3.3	6.3	2.6	1.8	.9	2.3	2.0	2.2	3.9	2.5	
DEPTH=	2.2	5.4	3.6	4.9	2.5	1.5	.1	2.2	1.7	2.0	4.6	2.6	

*SECNO 29.300

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .59

29.300	7.98	1330.28	1329.90	.00	1331.27	1.00	1.71	.16	1326.50
23000.0	4049.2	16330.2	2620.5	893.5	1798.2	622.5	27118.9	7097.3	1330.90
7.59	4.53	9.08	4.21	.055	.035	.055	.000	1322.30	9547.80
.007853	410.	400.	360.	3	5	0	.00	1216.80	10993.57

FLOW DISTRIBUTION FOR SECNO= 29.30 CWSEL= 1330.28

STA=	9548.	9549.	9683.	9786.	9919.	10440.	10578.	10677.	10885.	10907.	10987.	10994.
PER Q=	.0	4.9	2.2	10.5	71.0	1.3	1.2	.3	1.2	7.3	.1	
AREA=	2.5	284.9	157.2	449.0	1798.2	116.7	107.7	32.8	61.1	294.1	10.1	
VEL=	1.7	4.0	3.2	5.4	9.1	2.5	2.5	1.8	4.7	5.7	3.0	
DEPTH=	2.1	2.1	1.5	3.4	3.8	.8	1.1	.2	2.8	3.7	1.5	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 29.390

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.88

29.390	7.88	1332.48	1330.44	.00	1332.98	.50	1.66	.05	1331.40
23000.0	1501.4	18698.1	2800.5	528.0	3027.7	1027.5	27158.2	7109.0	1329.30
7.61	2.84	6.18	2.73	.055	.035	.055	.000	1324.60	9489.31
.002232	440.	440.	410.	2	15	0	.00	1147.76	10637.07

FLOW DISTRIBUTION FOR SECNO= 29.39 CWSEL= 1332.48

STA=	9489.	9499.	9552.	9578.	9694.	10254.	10457.	10569.	10585.	10620.	10637.
PER Q=		.2	4.1	1.1	1.1	81.3	4.4	1.9	1.1	4.1	.6
AREA=		23.4	258.4	86.5	159.6	3027.7	462.1	221.3	71.6	219.7	52.7
VEL=		2.4	3.7	2.8	1.6	6.2	2.2	2.0	3.4	4.3	2.6
DEPTH=		2.4	4.9	3.3	1.4	5.4	2.3	2.0	4.5	6.3	3.1

*SECNO 29.470

29.470	9.28	1333.38	1331.59	.00	1334.10	.72	1.05	.06	1331.00
23000.0	2675.7	19147.5	1176.8	1090.1	2605.8	372.8	27201.4	7119.9	1333.00
7.63	2.45	7.35	3.16	.055	.035	.055	.000	1324.10	9307.34
.002565	445.	445.	385.	3	8	0	.00	1049.00	10356.34

FLOW DISTRIBUTION FOR SECNO= 29.47 CWSEL= 1333.38

STA=	9307.	9314.	9387.	9438.	9618.	9798.	10210.	10263.	10289.	10342.	10356.
PER Q=		.1	3.3	2.4	3.1	2.8	83.2	.1	.7	3.9	.4
AREA=		7.9	246.6	177.4	338.1	320.1	2605.8	33.3	63.1	240.0	36.4
VEL=		1.5	3.1	3.1	2.1	2.0	7.3	1.0	2.5	3.7	2.4
DEPTH=		1.2	3.4	3.5	1.9	1.8	6.3	.6	2.4	4.5	2.5

*SECNO 29.540

3301 HV CHANGED MORE THAN HVINS

29.540	7.49	1334.19	1333.18	.00	1335.51	1.32	1.23	.18	1332.20
23000.0	3469.2	19530.8	.0	1083.0	1968.4	.0	27232.5	7128.5	1340.70
7.64	3.20	9.92	.00	.055	.035	.000	.000	1326.70	9212.90
.004250	380.	380.	380.	2	15	0	.00	921.29	10134.19

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 29.54 CWSEL= 1334.19

STA=	9213.	9217.	9321.	9460.	9697.	9726.	9758.	9782.	9846.	10150.
PER Q=	.0	1.1	.3	4.1	2.5	4.4	1.5	1.1	84.9	
AREA=	3.7	129.0	68.2	388.8	123.0	180.5	85.0	105.0	1968.4	
VEL=	1.5	2.0	1.1	2.4	4.6	5.6	4.0	2.4	9.9	
DEPTH=	.9	1.2	.5	1.6	4.2	5.6	3.5	1.6	6.8	

*SECNO 29.611

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***** BEARDSLEY CANAL FLUME *
***** LOW CHORD = 1347.0  ***
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29.611	7.12	1336.02	1335.65	.00	1337.47	1.45	1.92	.04	1334.00
23000.0	5152.7	17716.2	131.1	1213.4	1648.2	35.7	27256.5	7135.1	1331.60
7.65	4.25	10.75	3.67	.055	.035	.055	.000	1328.90	9302.95
.006718	315.	375.	315.	2	11	0	.00	807.19	10110.13

FLOW DISTRIBUTION FOR SECNO= 29.61 CWSEL= 1336.02

STA=	9303.	9541.	9713.	9791.	10094.	10110.
PER Q=	6.2	12.6	3.6	77.0	.6	
AREA=	431.7	580.8	201.0	1648.2	35.7	
VEL=	3.3	5.0	4.2	10.7	3.7	
DEPTH=	1.8	3.4	2.6	5.4	2.2	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.35	1.60	2.60	.00	960.00	47.00	14933.00	5.50	1332.00	1332.00

*SECNO 29.624
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1335.94 BRIDGE VELOCITY= 6.25 CALCULATED CHANNEL AREA= 3679.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1337.82	.81	0.	23000.	14933.	14933.	1347.00	1353.60	0.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1335.30 ELREA= 1348.10

29.624	8.33	1336.83	.00	.00	1337.82	.98	.35	.00	1335.30
23000.0	4803.8	18196.2	.0	1488.1	2071.8	.0	27261.7	7136.6	1348.10
7.66	3.23	8.78	.00	.055	.035	.000	.000	1328.50	9122.17
.003806	70.	70.	70.	0	0	0	.00	979.94	10102.12

FLOW DISTRIBUTION FOR SECNO= 29.62 CWSEL= 1336.83

STA=	9122.	9178.	9369.	9493.	9649.	9767.	10127.
PER Q=	.2	2.2	3.8	9.9	4.7	79.1	
AREA=	34.4	254.8	295.6	574.7	328.5	2071.8	
VEL=	1.2	2.0	3.0	4.0	3.3	8.8	
DEPTH=	.6	1.3	2.4	3.7	2.8	6.2	

*SECNO 29.720

29.720	8.35	1338.85	1337.18	.00	1339.42	.57	1.56	.04	1336.50
23000.0	5414.6	17570.9	14.5	1966.8	2610.8	8.3	27306.2	7148.6	1335.70
7.68	2.75	6.73	1.74	.055	.040	.055	.000	1330.50	8963.76
.002761	450.	495.	495.	2	15	0	.00	1265.53	10229.29

FLOW DISTRIBUTION FOR SECNO= 29.72 CWSEL= 1338.85

STA=	8964.	9010.	9203.	9313.	9454.	9615.	9657.	9817.	10224.	10229.
PER Q=	.3	1.5	1.1	3.9	5.4	2.6	8.8	76.4	.1	
AREA=	45.2	222.7	148.9	346.0	443.3	168.2	592.6	2610.8	8.3	
VEL=	1.4	1.6	1.7	2.6	2.8	3.6	3.4	6.7	1.7	
DEPTH=	1.0	1.2	1.4	2.5	2.8	4.0	3.7	6.4	1.6	

*SECNO 29.800

3265 DIVIDED FLOW

29.800	12.28	1339.98	1335.53	.00	1340.33	.35	.89	.02	1338.90
23000.0	483.7	12930.8	9585.4	269.2	2414.7	2461.8	27357.6	7159.6	1337.60
7.71	1.80	5.36	3.89	.055	.040	.055	.000	1327.70	9416.55
.001428	460.	460.	460.	2	11	0	.00	833.44	10561.43

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 29.80 CWSEL= 1339.98

STA=	9417.	9475.	9506.	9882.	10205.	10215.	10335.	10521.	10561.
PER Q=	1.5	.6	.1	56.2	.2	14.7	26.3	.5	
AREA=	162.7	71.8	34.6	2414.7	23.8	879.5	1484.1	74.4	
VEL=	2.1	1.8	.7	5.4	1.8	3.8	4.1	1.5	
DEPTH=	2.8	2.3	.1	7.5	2.4	7.3	8.0	1.8	

*SECNO 29.890

3265 DIVIDED FLOW

29.890	11.09	1340.69	1335.68	.00	1340.98	.29	.64	.01	1341.10
23000.0	37.7	3744.1	19218.1	46.6	833.5	4489.7	27410.9	7168.0	1341.00
7.73	.81	4.49	4.28	.055	.040	.055	.000	1329.60	9667.22
.001472	450.	445.	440.	2	8	0	.00	815.30	10678.42

FLOW DISTRIBUTION FOR SECNO= 29.89 CWSEL= 1340.69

STA=	9667.	9734.	10052.	10148.	10205.	10240.	10300.	10438.	10579.	10678.
PER Q=	.2	16.3	3.3	5.9	2.0	8.0	33.3	26.8	4.3	
AREA=	46.6	833.5	276.7	375.5	158.8	458.3	1502.5	1330.7	387.1	
VEL=	.8	4.5	2.8	3.6	2.8	4.0	5.1	4.6	2.6	
DEPTH=	.7	5.7	2.9	6.6	4.5	7.6	10.9	9.4	3.9	

*SECNO 29.990

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .45

29.990	8.63	1341.53	1340.40	.00	1342.66	1.12	1.43	.25	1346.60
23000.0	26.4	10713.9	12259.8	25.4	1062.6	1789.9	27458.8	7176.6	1344.10
7.75	1.04	10.08	6.85	.055	.040	.055	.000	1332.90	9705.79
.007374	550.	525.	500.	2	20	0	.00	648.86	10500.08

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 29.99 CWSEL= 1341.53

STA=	9706.	9749.	9778.	9851.	10115.	10140.	10414.	10430.	10470.	10500.
PER Q=	.1	.0	.0	46.6	.3	33.7	4.0	12.5	2.9	
AREA=	13.7	9.2	2.5	1062.6	20.5	1228.2	110.1	313.3	117.8	
VEL=	1.1	1.1	.7	10.1	3.0	6.3	8.4	9.2	5.6	
DEPTH=	.3	.3	.0	5.7	.8	4.5	6.9	7.8	3.9	

*SECNO 30.070

3265 DIVIDED FLOW

30.070	10.36	1344.36	1342.19	.00	1345.27	.91	2.59	.02	1344.60
23000.0	2939.6	10430.0	9630.4	782.9	1190.6	1325.9	27492.3	7183.3	1344.50
7.77	3.75	8.76	7.26	.055	.040	.055	.000	1334.00	9656.01
.004246	425.	450.	500.	3	11	0	.00	614.20	10275.61

W DISTRIBUTION FOR SECNO= 30.07 CWSEL= 1344.36

STA=	9656.	9665.	9728.	9781.	9910.	9924.	10098.	10114.	10132.	10261.	10276.
PER Q=	.1	1.6	1.8	9.0	.3	45.3	.0	1.5	38.9	1.5	
AREA=	12.8	129.7	127.6	484.8	28.0	1190.6	5.1	76.6	1168.5	75.7	
VEL=	2.2	2.8	3.2	4.3	2.7	8.8	.9	4.4	7.7	4.6	
DEPTH=	1.4	2.1	2.4	3.8	2.0	7.0	.3	4.3	9.1	5.2	

*SECNO 30.170

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.52

30.170	10.54	1346.14	1342.65	.00	1346.70	.56	1.40	.04	1339.80
23000.0	4682.3	14091.1	4226.6	1265.1	2032.8	931.4	27536.6	7190.1	1339.30
7.79	3.70	6.93	4.54	.055	.040	.055	.000	1335.60	9642.18
.001842	440.	520.	570.	2	19	0	.00	572.13	10214.31

FLOW DISTRIBUTION FOR SECNO= 30.17 CWSEL= 1346.14

STA=	9642.	9663.	9756.	9868.	10092.	10194.	10214.
PER Q=	.6	8.7	11.0	61.3	17.1	1.3	
AREA=	62.8	537.8	664.5	2032.8	834.7	96.8	
VEL=	2.4	3.7	3.8	6.9	4.7	3.1	
DEPTH=	3.0	5.8	5.9	9.1	8.2	4.8	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 30.260

3265 DIVIDED FLOW

30.260	8.27	1347.17	1343.91	.00	1347.61	.44	.89	.01	1342.10
23000.0	48.6	16234.0	6717.4	24.6	2761.9	1823.3	27586.1	7197.5	1339.30
7.82	1.97	5.88	3.68	.055	.040	.055	.000	1338.90	9739.28
.001815	430.	485.	520.	2	14	0	.00	743.79	10613.73

FLOW DISTRIBUTION FOR SECNO= 30.26 CWSEL= 1347.17

STA=	9739.	9749.	10135.	10314.	10335.	10545.	10604.	10614.
PER Q=	.2	70.6	21.2	.6	2.2	5.1	.2	
AREA=	24.6	2761.9	1193.2	57.8	220.3	325.4	26.6	
VEL=	2.0	5.9	4.1	2.2	2.3	3.6	2.1	
DEPTH=	2.5	7.2	6.7	2.7	1.0	5.5	2.7	

*SECNO 30.360

3265 DIVIDED FLOW

30.360	7.03	1348.23	1346.35	.00	1348.92	.69	1.24	.08	1341.20
23000.0	1893.2	16532.7	4574.1	385.9	2213.2	1300.8	27637.1	7207.2	1342.80
7.84	4.91	7.47	3.52	.055	.040	.055	.000	1341.20	9786.99
.003287	500.	515.	535.	2	14	0	.00	862.74	10871.91

FLOW DISTRIBUTION FOR SECNO= 30.36 CWSEL= 1348.23

STA=	9787.	9796.	9858.	10195.	10341.	10351.	10764.	10776.	10854.	10872.
PER Q=	.2	8.0	71.9	8.8	.1	2.6	1.1	7.1	.2	
AREA=	21.3	364.6	2213.2	544.6	10.5	288.6	58.0	372.9	26.2	
VEL=	2.5	5.0	7.5	3.7	1.5	2.0	4.3	4.4	2.0	
DEPTH=	2.4	5.9	6.6	3.7	1.0	.7	4.8	4.8	1.5	

*SECNO 30.460

3265 DIVIDED FLOW

30.460	8.62	1349.82	1347.90	.00	1350.76	.94	1.77	.07	1341.20
23000.0	265.5	20321.8	2412.7	66.1	2479.1	749.9	27678.9	7216.3	1343.10
7.86	4.02	8.20	3.22	.055	.040	.055	.000	1341.20	9799.67
.003787	475.	495.	540.	2	11	0	.00	679.04	10875.19

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 30.46 CWSEL= 1349.82

STA=	9800.	9815.	10180.	10253.	10782.	10875.
PER Q=	1.2	88.4	4.3	3.5	2.7	
AREA=	66.1	2479.1	257.0	277.6	215.3	
VEL=	4.0	8.2	3.8	2.9	2.9	
DEPTH=	4.3	6.8	3.5	.5	2.3	

*SECNO 30.550

3265 DIVIDED FLOW

30.550	8.18	1351.58	1348.51	.00	1352.33	.75	1.55	.02	1363.20
21000.0	.0	20446.8	553.2	.0	2898.1	324.2	27716.6	7224.1	1353.70
7.88	.00	7.06	1.71	.000	.040	.055	.000	1343.40	9736.57
.002530	500.	500.	525.	2	11	0	.00	646.17	10818.21

OW DISTRIBUTION FOR SECNO= 30.55 CWSEL= 1351.58

STA=	9737.	10138.	10620.	10718.	10810.	10818.
PER Q=	97.4	.2	.7	1.6	.1	
AREA=	2898.1	38.5	105.7	168.2	11.8	
VEL=	7.1	1.1	1.4	2.0	1.7	
DEPTH=	7.4	.1	1.1	1.8	1.4	

*SECNO 30.650

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

30.650	9.36	1353.06	1351.13	.00	1354.34	1.28	1.85	.16	1346.20
21000.0	6397.2	14059.4	543.3	914.2	1401.9	199.5	27751.4	7230.6	1354.60
7.90	7.00	10.03	2.72	.055	.040	.055	.000	1343.70	9781.16
.005106	535.	530.	500.	2	11	0	.00	443.80	10911.83

FLOW DISTRIBUTION FOR SECNO= 30.65 CWSEL= 1353.06

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	9781.	9796.	9916.	10115.	10843.	10912.
PER Q=	1.1	29.3	66.9	1.1	1.5	
AREA=	55.3	858.9	1401.9	83.9	115.5	
VEL=	4.3	7.2	10.0	2.7	2.7	
DEPTH=	3.7	7.2	7.4	.1	1.7	

*SECNO 30.730

3265 DIVIDED FLOW

30.730	9.64	1354.84	1352.45	.00	1356.07	1.23	1.72	.00	1345.20
21000.0	333.1	17423.6	3243.3	81.6	1815.7	793.9	27776.2	7234.8	1345.60
7.91	4.08	9.60	4.09	.055	.040	.055	.000	1345.20	9864.07
.003382	445.	420.	370.	3	12	0	.00	475.04	11030.42

FLOW DISTRIBUTION FOR SECNO= 30.73 CWSEL= 1354.84

STA=	9864.	9881.	10075.	10148.	10202.	10236.	10481.	10500.	11023.	11030.
PER Q=	1.6	83.0	10.0	3.4	1.1	.0	.0	.8	.1	
AREA=	81.6	1815.7	418.8	193.7	84.0	6.2	4.2	75.4	11.6	
VEL=	4.1	9.6	5.0	3.7	2.9	.6	.6	2.1	2.0	
DEPTH=	4.8	9.4	5.7	3.6	2.5	.0	.2	.1	1.6	

*SECNO 30.820

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.43

30.820	11.55	1356.75	1352.90	.00	1357.22	.47	1.08	.08	1345.20
21000.0	426.9	14339.4	6233.7	130.6	2311.9	1810.9	27812.2	7241.0	1352.00
7.94	3.27	6.20	3.44	.055	.040	.055	.000	1345.20	9901.41
.001647	500.	500.	370.	1	15	0	.00	801.24	11137.68

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 30.82 CWSEL= 1356.75

STA=	9901.	9924.	10201.	10358.	10398.	10529.	11132.	11138.
PER Q=	2.0	68.3	22.3	4.7	1.5	1.1	.0	
AREA=	130.6	2311.9	1140.4	260.5	213.0	190.6	6.4	
VEL=	3.3	6.2	4.1	3.8	1.5	1.2	1.1	
DEPTH=	5.8	8.3	7.3	6.5	1.6	.3	1.1	

*SECNO 30.920

30.920	11.60	1357.60	1354.26	.00	1357.97	.36	.74	.01	1348.60
21000.0	188.8	13027.7	7783.5	78.4	2283.1	2660.5	27867.5	7250.5	1353.70
7.97	2.41	5.71	2.93	.055	.040	.055	.000	1346.00	9853.58
.001251	510.	510.	530.	2	16	0	.00	782.53	10636.11

FLOW DISTRIBUTION FOR SECNO= 30.92 CWSEL= 1357.60

STA=	9854.	9871.	10123.	10241.	10555.	10616.	10636.
PER Q=	.9	62.0	4.9	25.6	6.1	.4	
AREA=	78.4	2283.1	443.0	1775.5	390.7	51.3	
VEL=	2.4	5.7	2.3	3.0	3.3	1.7	
DEPTH=	4.5	9.1	3.8	5.7	6.4	2.6	

*SECNO 31.010

31.010	8.83	1358.33	1355.92	.00	1358.92	.59	.89	.07	1353.30
21000.0	62.3	15258.2	5679.5	27.5	2192.4	1825.0	27925.2	7261.9	1356.60
7.99	2.27	6.96	3.11	.055	.040	.055	.000	1349.50	9727.07
.002333	485.	490.	620.	2	11	0	.00	938.71	10665.78

FLOW DISTRIBUTION FOR SECNO= 31.01 CWSEL= 1358.33

STA=	9727.	9738.	10024.	10156.	10429.	10653.	10666.
PER Q=	.3	72.7	.7	5.3	20.6	.5	
AREA=	27.5	2192.4	116.7	541.6	1127.6	39.2	
VEL=	2.3	7.0	1.2	2.1	3.8	2.6	
DEPTH=	2.5	7.7	.9	2.0	5.0	3.1	

*SECNO 31.110

31.110	10.18	1359.58	1357.68	.00	1360.31	.73	1.35	.04	1355.20
21000.0	49.3	14165.9	6784.7	20.3	1779.3	1933.1	27969.4	7272.3	1357.90
8.01	2.43	7.96	3.51	.055	.040	.055	.000	1349.40	9871.73
.003240	480.	490.	500.	2	9	0	.00	883.70	10755.43

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 31.11 CWSEL= 1359.58

STA=	9872.	9881.	10124.	10313.	10739.	10755.
PER Q=	.2	67.5	2.1	29.3	.9	
AREA=	20.3	1779.3	243.1	1634.2	55.7	
VEL=	2.4	8.0	1.8	3.8	3.3	
DEPTH=	2.2	7.3	1.3	3.8	3.4	

*SECNO 31.200

31.200	11.39	1361.29	1358.83	.00	1361.66	.37	1.31	.04	1354.90
21000.0	7516.9	7643.4	5839.7	1825.3	1196.5	1866.8	28019.4	7283.1	1356.60
8.04	4.12	6.39	3.13	.055	.040	.055	.000	1349.90	9581.75
.002121	460.	510.	525.	2	9	0	.00	950.93	10532.68

FLOW DISTRIBUTION FOR SECNO= 31.20 CWSEL= 1361.29

STA=	9582.	9635.	9713.	9746.	9776.	9804.	9828.	9877.	9897.	10062.	10331.	10511.	10533.
PER Q=	2.2	9.3	5.4	4.6	2.4	3.5	6.5	1.9	36.4	15.3	11.8	.7	
AREA=	172.7	470.9	242.1	211.1	139.6	164.1	317.9	106.7	1196.5	1045.7	762.7	58.4	
VEL=	2.7	4.1	4.7	4.5	3.6	4.4	4.3	3.8	6.4	3.1	3.3	2.4	
DEPTH=	3.2	6.0	7.3	7.0	5.0	6.8	6.5	5.3	7.3	3.9	4.2	2.7	

*SECNO 31.290

3265 DIVIDED FLOW

3280 CROSS SECTION 31.29 EXTENDED .22 FEET

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .62

31.290	7.02	1362.52	1361.29	.00	1363.23	.71	1.47	.10	1362.80
21000.0	5879.1	10308.8	4812.2	1056.9	1272.1	1079.5	28063.1	7292.5	1359.90
8.06	5.56	8.10	4.46	.055	.040	.055	.000	1355.50	9450.00
.005450	425.	460.	490.	0	8	0	.00	830.37	10451.95

FLOW DISTRIBUTION FOR SECNO= 31.29 CWSEL= 1362.52

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

STA=	9450.	9562.	9670.	9699.	10121.	10244.	10425.	10452.
PER Q=	6.3	19.9	1.8	49.1	6.2	15.7	1.1	
AREA=	326.7	639.0	91.2	1272.1	334.1	681.8	63.6	
VEL=	4.1	6.5	4.2	8.1	3.9	4.8	3.5	
DEPTH=	2.9	5.9	3.1	5.1	2.7	3.8	2.4	

*SECNO 31.390

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.43

31.390	10.07	1364.77	1362.48	.00	1365.16	.39	1.90	.03	1363.10
21000.0	5955.4	9139.9	5904.7	1322.5	1552.0	1532.7	28109.4	7302.8	1357.40
8.09	4.50	5.89	3.85	.055	.040	.055	.000	1354.70	9513.45
.002661	540.	510.	500.	2	8	0	.00	914.34	10427.79

FLOW DISTRIBUTION FOR SECNO= 31.39 CWSEL= 1364.77

STA=	9513.	9526.	9561.	9643.	9792.	10080.	10242.	10387.	10428.
PER Q=	.8	9.3	13.3	4.9	43.5	17.4	9.6	1.1	
AREA=	51.9	321.0	559.2	390.4	1552.0	861.8	575.7	95.2	
VEL=	3.2	6.1	5.0	2.6	5.9	4.2	3.5	2.4	
DEPTH=	4.1	9.2	6.8	2.6	5.4	5.3	4.0	2.3	

*SECNO 31.490

31.490	6.84	1366.34	1364.26	.00	1366.81	.47	1.62	.02	1359.50
21000.0	9512.0	11451.2	36.8	2185.1	1828.3	20.5	28162.9	7314.0	1363.80
8.12	4.35	6.26	1.79	.055	.040	.055	.000	1359.50	9471.01
.003256	575.	545.	520.	3	14	0	.00	840.16	10311.17

FLOW DISTRIBUTION FOR SECNO= 31.49 CWSEL= 1366.34

STA=	9471.	9480.	9524.	9653.	9779.	9935.	10295.	10311.
PER Q=	.4	5.5	12.4	9.7	17.2	54.5	.2	
AREA=	29.0	241.6	605.0	515.4	794.1	1828.3	20.5	
VEL=	2.9	4.8	4.3	3.9	4.6	6.3	1.8	
DEPTH=	3.2	5.5	4.7	4.1	5.1	5.1	1.3	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 31.590

31.590	9.07	1367.77	1364.70	.00	1368.17	.40	1.35	.01	1364.20
21000.0	11187.2	9761.4	51.4	2523.5	1705.8	24.6	28211.2	7323.0	1363.20
8.15	4.43	5.72	2.09	.055	.040	.055	.000	1358.70	9457.39
.002225	505.	510.	520.	2	15	0	.00	718.38	10175.77

FLOW DISTRIBUTION FOR SECNO= 31.59 CWSEL= 1367.77

STA=	9457.	9482.	9608.	9782.	9876.	10165.	10176.
PER Q=	1.8	27.2	19.6	4.8	46.5	.2	
AREA=	111.6	1073.2	1003.5	335.3	1705.8	24.6	
VEL=	3.3	5.3	4.1	3.0	5.7	2.1	
DEPTH=	4.5	8.5	5.8	3.6	5.9	2.3	

*SECNO 31.670

31.670	11.52	1368.72	1365.46	.00	1369.08	.36	.91	.00	1366.00
21000.0	9494.6	11428.9	76.5	2218.8	2183.1	34.6	28256.4	7330.6	1362.80
8.17	4.28	5.24	2.21	.055	.040	.055	.000	1357.20	9463.07
.001829	455.	450.	445.	2	12	0	.00	733.63	10196.70

FLOW DISTRIBUTION FOR SECNO= 31.67 CWSEL= 1368.72

STA=	9463.	9499.	9631.	9664.	9820.	10185.	10197.
PER Q=	3.5	30.8	3.6	7.3	54.4	.4	
AREA=	207.0	1250.1	197.0	564.7	2183.1	34.6	
VEL=	3.6	5.2	3.8	2.7	5.2	2.2	
DEPTH=	5.8	9.5	6.0	3.6	6.0	3.0	

*SECNO 31.770

31.770	13.56	1369.76	1367.01	.00	1370.25	.49	1.13	.04	1365.30
21000.0	12252.0	8549.1	199.0	2413.9	1349.4	63.3	28303.5	7338.5	1363.00
8.20	5.08	6.34	3.14	.055	.040	.055	.000	1356.20	9469.30
.002892	495.	500.	510.	2	10	0	.00	650.44	10119.74

FLOW DISTRIBUTION FOR SECNO= 31.77 CWSEL= 1369.76

STA=	9469.	9508.	9560.	9748.	9862.	10101.	10120.
PER Q=	6.3	17.8	24.8	9.5	40.7	.9	
AREA=	262.4	541.3	1101.7	508.5	1349.4	63.3	
VEL=	5.0	6.9	4.7	3.9	6.3	3.1	
DEPTH=	6.8	10.4	5.9	4.5	5.6	3.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 31.860

31.860	9.26	1371.26	1368.72	.00	1371.73	.47	1.48	.00	1366.70
21000.0	9997.4	10899.9	102.7	1977.8	1853.2	36.6	28348.7	7346.3	1365.30
8.22	5.05	5.88	2.80	.055	.040	.055	.000	1362.00	9580.72
.002893	520.	500.	490.	2	9	0	.00	692.60	10273.31

FLOW DISTRIBUTION FOR SECNO= 31.86 CWSEL= 1371.26

STA=	9581.	9604.	9727.	9894.	10261.	10273.
PER Q=	2.0	26.1	19.5	51.9	.5	
AREA=	107.7	959.6	910.5	1853.2	36.6	
VEL=	3.8	5.7	4.5	5.9	2.8	
DEPTH=	4.6	7.8	5.5	5.0	3.0	

*SECNO 31.960

31.960	8.18	1372.48	1370.06	.00	1373.00	.52	1.26	.01	1369.10
19000.0	4271.3	14605.3	123.4	1314.3	2306.1	44.5	28392.0	7354.1	1364.30
8.25	3.25	6.33	2.77	.055	.040	.055	.000	1364.30	9583.92
.002167	495.	505.	515.	2	14	0	.00	662.96	10246.88

FLOW DISTRIBUTION FOR SECNO= 31.96 CWSEL= 1372.48

STA=	9584.	9598.	9693.	9758.	9812.	9907.	10236.	10247.
PER Q=	.4	7.0	5.8	4.6	4.7	76.9	.6	
AREA=	34.4	402.1	310.9	250.2	316.7	2306.1	44.5	
VEL=	2.2	3.3	3.6	3.5	2.8	6.3	2.8	
DEPTH=	2.4	4.2	4.8	4.6	3.3	7.0	4.1	

*SECNO 32.050

32.050	11.33	1373.53	1370.61	.00	1374.12	.59	1.10	.02	1364.10
19000.0	5194.0	13777.4	28.6	1473.9	1999.3	16.1	28433.1	7361.6	1370.00
8.27	3.52	6.89	1.77	.055	.040	.055	.000	1362.20	9461.84
.002209	495.	505.	520.	2	8	0	.00	644.28	10106.13

FLOW DISTRIBUTION FOR SECNO= 32.05 CWSEL= 1373.53

STA=	9462.	9479.	9564.	9634.	9736.	9843.	10097.	10106.
PER Q=	.7	4.5	1.0	4.2	16.9	72.5	.2	
AREA=	50.9	296.1	107.4	304.3	715.2	1999.3	16.1	
VEL=	2.5	2.9	1.7	2.6	4.5	6.9	1.8	
DEPTH=	3.0	3.5	1.5	3.0	6.7	7.9	1.8	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 32.150

32.150	8.69	1374.89	1373.61	.00	1375.59	.69	1.43	.03	1373.80
19000.0	5839.3	12984.7	176.0	1500.4	1700.5	45.2	28470.2	7369.3	1366.20
8.29	3.89	7.64	3.89	.055	.040	.055	.000	1366.20	9339.83
.004164	460.	495.	495.	2	14	0	.00	761.57	10101.40

FLOW DISTRIBUTION FOR SECNO= 32.15 CWSEL= 1374.89

STA=	9340.	9343.	9553.	9792.	10091.	10101.
PER Q=	.0	15.5	15.2	68.3	.9	
AREA=	2.7	734.0	763.7	1700.5	45.2	
VEL=	1.4	4.0	3.8	7.6	3.9	
DEPTH=	.8	3.5	3.2	5.7	4.3	

*SECNO 32.240

32.240	9.82	1376.72	1374.88	.00	1377.25	.53	1.64	.02	1374.00
19000.0	6985.0	12015.0	.0	1694.3	1814.2	.0	28504.3	7376.6	1387.50
8.31	4.12	6.62	.00	.055	.040	.000	.000	1366.90	9346.47
.003234	400.	475.	490.	2	10	0	.00	713.63	10060.10

FLOW DISTRIBUTION FOR SECNO= 32.24 CWSEL= 1376.72

STA=	9346.	9355.	9564.	9738.	10069.
PER Q=	.3	23.6	12.8	63.2	
AREA=	21.0	1017.6	655.8	1814.2	
VEL=	2.5	4.4	3.7	6.6	
DEPTH=	2.5	4.9	3.8	5.6	

*SECNO 32.340

32.340	10.29	1378.49	1376.49	.00	1379.04	.55	1.79	.01	1375.90
19000.0	11553.8	7446.2	.0	1877.1	1308.7	.0	28543.7	7384.6	1380.60
8.34	6.16	5.69	.00	.045	.045	.000	.000	1368.20	9408.16
.003731	490.	540.	550.	2	10	0	.00	640.78	10048.95

FLOW DISTRIBUTION FOR SECNO= 32.34 CWSEL= 1378.49

STA=	9408.	9450.	9614.	9774.	10059.
PER Q=	2.3	35.8	22.7	39.2	
AREA=	112.7	1006.5	757.9	1308.7	
VEL=	3.9	6.8	5.7	5.7	
DEPTH=	2.7	6.1	4.7	4.8	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 32.430

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.88

32.430	15.90	1379.70	1375.54	.00	1380.00	.29	.93	.03	1375.50
19000.0	13447.3	5552.7	.0	2919.8	1537.7	.0	28588.8	7391.8	1383.10
8.37	4.61	3.61	.00	.045	.045	.000	.000	1363.80	9494.57
.001052	545.	460.	400.	2	8	0	.00	604.69	10099.26

FLOW DISTRIBUTION FOR SECNO= 32.43 CWSEL= 1379.70

STA=	9495.	9508.	9554.	9607.	9692.	9852.	10112.
PER Q=	.7	8.1	17.7	28.0	16.2	29.2	
AREA=	56.4	363.5	617.6	977.8	904.5	1537.7	
VEL=	2.5	4.2	5.5	5.4	3.4	3.6	
DEPTH=	4.2	7.9	11.7	11.5	5.7	6.2	

*SECNO 32.520

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .62

3470 ENCROACHMENT STATIONS= 9530.0 10288.0 TYPE= 1 TARGET= 758.000

32.520	8.32	1380.32	1377.39	.00	1380.89	.56	.81	.08	1372.40
19000.0	3593.9	11086.9	4319.2	534.5	1763.2	945.2	28633.5	7398.3	1383.60
8.40	6.72	6.29	4.57	.045	.045	.050	.000	1372.00	9714.69
.002721	550.	480.	440.	2	22	0	.00	520.08	10272.92

FLOW DISTRIBUTION FOR SECNO= 32.52 CWSEL= 1380.32

STA=	9715.	9724.	9785.	10054.	10123.	10253.	10273.
PER Q=	.7	18.2	58.4	3.4	18.9	.5	
AREA=	38.8	495.7	1763.2	174.7	731.4	39.1	
VEL=	3.7	7.0	6.3	3.7	4.9	2.4	
DEPTH=	4.2	8.1	7.0	2.5	5.6	2.0	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 32.580

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9675.0 10467.0 TYPE= 1 TARGET= 792.000

32.580	10.62	1381.12	1377.27	.00	1381.85	.73	.91	.05	1372.30
19000.0	336.8	13755.1	4908.1	75.8	1958.9	753.8	28655.7	7401.5	1381.30
8.41	4.45	7.02	6.51	.045	.045	.050	.000	1370.50	9840.81
.002930	360.	325.	295.	2	15	0	.00	367.41	10411.73

FLOW DISTRIBUTION FOR SECNO= 32.58 CWSEL= 1381.12

STA=	9841.	9858.	10111.	10331.	10386.	10412.
PER Q=	1.8	72.4	2.3	21.0	2.6	
AREA=	75.8	1958.9	96.6	539.9	117.3	
VEL=	4.4	7.0	4.4	7.4	4.3	
DEPTH=	4.4	7.8	.4	9.8	4.6	

*SECNO 32.640

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9799.0 10591.0 TYPE= 1 TARGET= 792.000

32.640	15.82	1382.02	1377.09	.00	1382.59	.57	.73	.02	1389.20
19000.0	.0	14066.2	4933.8	.0	2321.7	815.8	28675.2	7404.0	1382.20
8.42	.00	6.06	6.05	.000	.045	.050	.000	1366.20	9883.67
.002236	335.	310.	220.	2	8	0	.00	393.37	10501.27

FLOW DISTRIBUTION FOR SECNO= 32.64 CWSEL= 1382.02

STA=	9884.	10185.	10418.	10483.	10501.
PER Q=	74.0	1.1	23.0	1.9	
AREA=	2321.7	59.2	661.3	95.2	
VEL=	6.1	3.4	6.6	3.8	
DEPTH=	7.8	.3	10.2	5.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 32.720

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9435.0 10524.0 TYPE= 1 TARGET= 1089.000

32.720	18.79	1382.59	1378.07	.00	1383.70	1.11	.94	.16	1396.50
19000.0	196.2	13703.9	5099.9	92.6	1515.8	748.3	28697.6	7406.9	1406.80
8.43	2.12	9.04	6.82	.045	.045	.050	.000	1363.80	9616.99
.003098	480.	420.	190.	2	15	0	.00	297.50	10453.21

FLOW DISTRIBUTION FOR SECNO= 32.72 CWSEL= 1382.59

STA=	9617.	9626.	9691.	10150.	10380.	10439.	10453.
PER Q=	.1	.9	72.1	2.7	22.8	1.4	
AREA=	11.2	81.4	1515.8	110.0	574.5	63.9	
VEL=	2.1	2.1	9.0	4.6	7.5	4.0	
DEPTH=	1.2	1.2	11.8	.5	9.7	4.5	

*SECNO 32.790

3265 DIVIDED FLOW

32.790	16.55	1383.75	1378.94	.00	1385.01	1.26	1.27	.04	1387.90
19000.0	126.0	18193.8	680.1	59.8	1983.1	194.9	28718.0	7409.7	1392.60
8.45	2.11	9.17	3.49	.045	.045	.050	.000	1367.20	9700.09
.003502	400.	380.	410.	2	14	0	.00	312.83	10319.67

FLOW DISTRIBUTION FOR SECNO= 32.79 CWSEL= 1383.75

STA=	9700.	9725.	9753.	10070.	10254.	10313.	10320.
PER Q=	.3	.4	95.8	.3	3.3	.0	
AREA=	28.0	31.8	1983.1	17.1	173.9	3.8	
VEL=	2.1	2.1	9.2	2.8	3.6	1.2	
DEPTH=	1.1	1.1	10.6	.1	2.9	.6	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 32.860

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .60

32.860	10.61	1385.51	1384.87	.00	1387.21	1.70	2.07	.13	1380.40
19000.0	3728.2	14767.7	504.1	447.1	1333.7	133.6	28736.3	7413.1	1386.50
8.46	8.34	11.07	3.77	.045	.045	.050	.000	1374.90	9806.95
.009852	280.	380.	580.	3	14	0	.00	432.33	10331.70

FLOW DISTRIBUTION FOR SECNO= 32.86 CWSEL= 1385.51

STA=	9807.	9855.	9928.	10155.	10239.	10268.	10332.
PER Q=	3.0	16.7	77.7	1.8	.8	.0	
AREA=	103.5	343.7	1333.7	91.1	42.3	.3	
VEL=	5.5	9.2	11.1	3.8	3.8	.4	
DEPTH=	2.2	4.7	6.2	1.1	1.5	.0	

*SECNO 32.920

3470 ENCROACHMENT STATIONS= 9680.0 10180.0 TYPE= 1 TARGET= 500.000

32.920	7.40	1388.40	1387.46	.00	1390.20	1.81	2.97	.03	1382.70
19000.0	261.6	17851.5	887.0	42.8	1621.3	135.4	28749.6	7415.8	1383.10
8.46	6.12	11.01	6.55	.045	.045	.050	.000	1381.00	9875.99
.009291	290.	310.	370.	2	14	0	.00	304.01	10180.00

FLOW DISTRIBUTION FOR SECNO= 32.92 CWSEL= 1388.40

STA=	9876.	9891.	10143.	10180.
PER Q=	1.4	94.0	4.7	
AREA=	42.8	1621.3	135.4	
VEL=	6.1	11.0	6.6	
DEPTH=	2.8	6.4	3.7	

*SECNO 32.979

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

32.979	11.42	1391.12	1390.50	.00	1393.73	2.61	3.29	.24	1384.70
19000.0	5212.3	13787.7	.0	437.8	1032.8	.0	28761.4	7417.7	1394.40
8.47	11.91	13.35	.00	.045	.045	.000	.000	1379.70	9857.21
.011836	310.	315.	330.	2	14	0	.00	218.94	10076.15

FLOW DISTRIBUTION FOR SECNO= 32.98 CWSEL= 1391.12

STA=	9857.	9876.	9933. 10098.
PER Q=	2.6	24.9	72.6
AREA=	63.2	374.7	1032.8
VEL=	7.7	12.6	13.4
DEPTH=	3.4	6.6	7.2

*SECNO 32.984

70 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 1432.00 MAX ELLC= 1427.30

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*****   STATE ROUTE 74   ****
***** LOW CHORD = 1427.0 ****
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32.984	12.98	1391.39	1390.95	.00	1394.15	2.77	.37	.05	1386.60
19000.0	8245.1	5074.1	5680.7	645.0	380.3	402.0	28762.3	7417.8	1380.20
8.47	12.78	13.34	14.13	.045	.045	.050	.000	1378.40	9824.22
.015007	28.	28.	28.	2	18	0	-192.47	257.69	10081.91

FLOW DISTRIBUTION FOR SECNO= 32.98 CWSEL= 1391.39

STA=	9824.	9900.	9909.	9962.	10011.	10018.	10050.	10065. 10082.
PER Q=	27.3	3.7	12.4	26.7	6.3	20.4	3.3	.0
AREA=	384.9	53.9	206.3	380.3	71.3	261.9	66.1	2.7
VEL=	13.5	13.0	11.4	13.3	16.7	14.8	9.4	1.6
DEPTH=	5.1	6.0	3.9	7.8	10.2	8.2	4.4	.2

*SECNO 32.993

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.40

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 1432.00 MAX ELLC= 1427.30

32.993	14.57	1392.97	1390.95	.00	1394.72	1.75	.47	.10	1386.60
19000.0	8911.3	4497.6	5591.1	839.6	442.1	509.2	28764.0	7418.1	1380.20
8.47	10.61	10.17	10.98	.045	.045	.050	.000	1378.40	9817.15
.007615	45.	45.	45.	4	18	0	-255.19	275.10	10092.25

FLOW DISTRIBUTION FOR SECNO= 32.99 CWSEL= 1392.97

STA=	9817.	9851.	9900.	9909.	9962.	10011.	10018.	10050.	10065.	10092.
PER Q=	3.9	24.9	3.9	14.2	23.7	5.7	19.5	3.9	.4	
AREA=	94.4	402.7	68.1	274.4	442.1	82.4	312.6	89.8	24.5	
VEL=	7.9	11.7	10.8	9.9	10.2	13.1	11.8	8.2	3.2	
DEPTH=	2.8	8.2	7.6	5.2	9.0	11.8	9.8	6.0	.9	

*SECNO 32.998

32.998	11.76	1393.16	1391.65	.00	1394.94	1.78	.21	.01	1389.00
19000.0	78.8	18921.2	.0	17.5	1763.5	.0	28765.1	7418.3	1393.10
8.47	4.51	10.73	.03	.045	.045	.050	.000	1381.40	9842.60
.008130	27.	27.	27.	3	19	0	.00	265.57	10108.17

FLOW DISTRIBUTION FOR SECNO= 33.00 CWSEL= 1393.16

STA=	9843.	9851.	10108.
PER Q=	.4	99.6	
AREA=	17.5	1763.5	
VEL=	4.5	10.7	
DEPTH=	2.1	6.9	

*SECNO 33.060

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.14

33.060	12.42	1395.52	1390.31	.00	1396.08	.56	1.02	.12	1386.00
19000.0	10509.2	8489.6	1.2	1586.8	1650.4	1.6	28782.7	7420.5	1394.70
8.49	6.62	5.14	.76	.045	.050	.045	.000	1383.10	9729.10
.001779	275.	320.	330.	2	14	0	.00	357.74	10086.84

FLOW DISTRIBUTION FOR SECNO= 33.06 CWSEL= 1395.52

STA=	9729.	9755.	9885.	10083.	10087.
PER Q=	3.7	51.6	44.7	.0	
AREA=	160.8	1425.9	1650.4	1.6	
VEL=	4.4	6.9	5.1	.8	
DEPTH=	6.2	11.0	8.3	.4	

*SECNO 33.120

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.84

33.120	11.99	1396.19	1389.28	.00	1396.37	.18	.25	.04	1386.90
19000.0	9898.2	8995.5	106.3	2779.7	2793.2	60.0	28812.3	7423.6	1388.00
8.51	3.56	3.22	1.77	.045	.050	.045	.000	1384.20	9540.60
.000526	260.	320.	330.	2	18	0	.00	563.05	10103.65

FLOW DISTRIBUTION FOR SECNO= 33.12 CWSEL= 1396.19

STA=	9541.	9559.	9612.	9690.	9817.	10089.	10104.
PER Q=	1.3	13.1	16.4	21.4	47.3	.6	
AREA=	108.5	630.3	841.8	1199.1	2793.2	60.0	
VEL=	2.2	3.9	3.7	3.4	3.2	1.8	
DEPTH=	5.9	11.9	10.8	9.4	10.3	4.1	

*SECNO 33.190

33.190	10.58	1396.38	1391.75	.00	1396.60	.22	.22	.01	1389.50
19000.0	12133.1	6866.9	.0	3198.8	1812.9	.0	28850.9	7428.1	1400.00
8.53	3.79	3.79	.00	.045	.050	.000	.000	1385.80	9343.36
.000966	290.	350.	350.	2	8	0	.00	677.50	10020.86

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 33.19 CWSEL= 1396.38

STA=	9343.	9371.	9418.	9502.	9651.	9805.	10028.
PER Q=	1.8	10.9	15.2	17.2	18.7	36.1	
AREA=	125.5	448.0	691.4	935.9	998.1	1812.9	
VEL=	2.7	4.6	4.2	3.5	3.6	3.8	
DEPTH=	4.5	9.5	8.2	6.3	6.5	8.4	

*SECNO 33.250

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .40

3470 ENCROACHMENT STATIONS= 9700.0 10200.0 TYPE= 1 TARGET= 500.000

33.250	11.23	1396.43	1394.62	.00	1397.47	1.04	.62	.25	1391.20
19000.0	5623.5	13376.5	.0	793.2	1552.0	.0	28877.3	7431.9	1398.00
8.54	7.09	8.62	.00	.045	.050	.000	.000	1385.20	9700.00
.006096	310.	315.	320.	2	15	0	.00	385.96	10085.96

FLOW DISTRIBUTION FOR SECNO= 33.25 CWSEL= 1396.43

STA=	9700.	9739.	9870.	10098.
PER Q=	5.9	23.7	70.4	
AREA=	174.0	619.2	1552.0	
VEL=	6.5	7.3	8.6	
DEPTH=	4.5	4.7	7.2	

*SECNO 33.290

3470 ENCROACHMENT STATIONS= 9750.0 10100.0 TYPE= 1 TARGET= 350.000

33.290	17.43	1397.73	1395.69	.00	1398.97	1.23	1.44	.06	1393.20
19000.0	6138.2	12861.8	.0	728.1	1407.0	.0	28889.1	7433.7	1398.20
8.55	8.43	9.14	.00	.045	.050	.000	.000	1380.30	9750.00
.006515	215.	235.	250.	2	15	0	.00	306.49	10056.49

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 33.29 CWSEL= 1397.73

STA=	9750.	9872.	10058.
PER Q=	32.3	67.7	
AREA=	728.1	1407.0	
VEL=	8.4	9.1	
DEPTH=	6.0	7.6	

*SECNO 33.300

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.00

33.300	18.21	1398.61	1391.29	.00	1399.18	.57	.14	.07	1396.20
19000.0	221.9	18778.1	.0	147.3	3089.8	.0	28892.1	7434.1	1399.70
8.55	1.51	6.08	.00	.045	.050	.000	.000	1380.40	9695.95
.001621	50.	50.	50.	2	14	0	.00	388.98	10084.93

FLOW DISTRIBUTION FOR SECNO= 33.30 CWSEL= 1398.61

STA=	9696.	9818.	10090.
PER Q=	1.2	98.8	
AREA=	147.3	3089.8	
VEL=	1.5	6.1	
DEPTH=	1.2	11.6	

*SECNO 33.360

3265 DIVIDED FLOW

33.360	17.20	1399.10	1393.30	.00	1399.76	.65	.55	.03	1418.40
19000.0	.0	14563.4	4436.6	.0	2089.1	979.4	28914.1	7436.6	1402.20
8.57	.00	6.97	4.53	.000	.050	.045	.000	1381.90	9909.28
.002030	230.	305.	305.	2	14	0	.00	374.69	10338.56

FLOW DISTRIBUTION FOR SECNO= 33.36 CWSEL= 1399.10

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


STA=    9909.   10087.   10167.   10260.   10339.
  PER Q=     76.6       .3     14.4      8.7
   AREA=   2089.1     36.5    557.9    384.9
    VEL=      7.0      1.6      4.9      4.3
  DEPTH=     12.3       .5      6.0      4.9

*SECNO 33.410
    33.410     12.84   1399.74   1395.03       .00   1400.49       .75       .70       .03   1408.30
   19000.0        .0   19000.0        .0        .0    2726.0        .0   28933.0    7439.0   1406.80
      8.58       .00      6.97       .00      .000      .050      .000      .000   1386.90   9966.41
   .003148      250.      275.      335.         2        14         0       .00    316.18  10282.59


FLOW DISTRIBUTION FOR SECNO=     33.41          CWSEL=   1399.74

STA=    9966.   10366.
  PER Q=    100.0
   AREA=   2726.0
    VEL=      7.0
  DEPTH=      8.6

*SECNO 33.460

3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=     9670.0   10368.0  TYPE=      1  TARGET=      698.000
    33.460     18.87   1400.77   1389.02       .00   1400.89       .12       .34       .06   1405.40
    9000.0        .0    8899.8     100.2        .0    3150.1     102.5   28952.0    7441.1   1397.00
      8.61       .00      2.83       .98      .000      .050      .045      .000   1381.90   9898.35
   .000378      250.      275.      355.         2        11         0       .00    342.06  10240.41


FLOW DISTRIBUTION FOR SECNO=     33.46          CWSEL=   1400.77

STA=    9898.   10186.   10240.
  PER Q=     98.9      1.1
   AREA=   3150.1    102.5
    VEL=      2.8      1.0
  DEPTH=     11.0      1.9
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 33.540

33.540	16.53	1400.93	1391.71	.00	1401.10	.17	.19	.01	1406.10
9000.0	.0	9000.0	.0	.0	2720.4	.0	28979.4	7444.0	1410.40
8.64	.00	3.31	.00	.000	.050	.000	.000	1384.40	9881.08
.000639	390.	400.	410.	2	18	0	.00	292.05	10173.14

FLOW DISTRIBUTION FOR SECNO= 33.54 CWSEL= 1400.93

STA= 9881. 10229.
PER Q= 100.0
AREA= 2720.4
VEL= 3.3
DEPTH= 9.3

*SECNO 33.630

33.630	17.28	1401.28	1393.78	.00	1401.59	.31	.45	.04	1406.10
9000.0	.0	9000.0	.0	.0	2004.5	.0	29007.1	7447.0	1404.50
8.67	.00	4.49	.00	.000	.050	.000	.000	1384.00	9889.80
.001283	525.	510.	475.	2	14	0	.00	228.18	10117.98

FLOW DISTRIBUTION FOR SECNO= 33.63 CWSEL= 1401.28

STA= 9890. 10140.
PER Q= 100.0
AREA= 2004.5
VEL= 4.5
DEPTH= 8.8

*SECNO 33.730

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .67

33.730	11.52	1402.02	1398.96	.00	1402.56	.54	.91	.07	1409.00
9000.0	1195.3	7408.5	396.2	276.3	1194.7	121.2	29027.4	7449.9	1397.00
8.69	4.33	6.20	3.27	.045	.050	.045	.000	1390.50	9801.91
.002891	500.	490.	480.	2	11	0	.00	281.98	10151.23

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= 33.73 CWSEL= 1402.02

STA=	9802.	9814.	9855.	9881.	10103.	10151.
PER Q=	1.0	10.4	1.9	82.3	4.4	
AREA=	29.2	189.6	57.5	1194.7	121.2	
VEL=	3.0	4.9	3.0	6.2	3.3	
DEPTH=	2.4	4.6	2.2	7.7	2.5	

*SECNO 33.820

3265 DIVIDED FLOW

33.820	15.71	1403.11	1395.32	.00	1403.58	.47	1.01	.01	1417.10
9000.0	7.9	8992.1	.0	9.8	1632.2	.0	29045.9	7452.5	1405.90
8.72	.81	5.51	.00	.045	.050	.000	.000	1387.40	9706.15
.001502	500.	500.	500.	2	14	0	.00	170.17	10061.22

FLOW DISTRIBUTION FOR SECNO= 33.82 CWSEL= 1403.11

STA=	9706.	9714.	9726.	10068.
PER Q=	.0	.1	99.9	
AREA=	4.0	5.8	1632.2	
VEL=	.8	.8	5.5	
DEPTH=	.5	.5	10.8	

T1 AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY
T1 PREPARED FOR THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY (FCDMC #95-05)
T1 PREPARED BY COE & VAN LOO CONSULTANTS, INC. (CVL #95-0067-01)
T2 AGUA FRIA RIVER, GILA RIVER TO THE NEW WADDELL DAM
T3 100-YEAR EVENT FLOODWAY CONDITION FILE NAME - H2REACH1

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0	3	0	0	0.003	0	0	0	917.21	0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2	0	-1	0	0	0	-1	0	0	0

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SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*PROF 2

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS

CCHV=     .100 CEHV=     .300
1490 NH CARD USED
*SECNO  .160

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9300.0   11600.0  TYPE=      1  TARGET=     2300.000
        AGUA FRIA DETAILED FDR PREPARED FOR THE FLOOD CONTROL DISTRICT OF
        MARICOPA COUNTY BY COE & VAN LOO CONSULTANTS, INC., 1996.
        THE CONTROL LINE ON THE MAIN CHANNEL OF THE AGUA FRIA RIVER IS
        STATION 10,000. ALL SECTIONS ARE STATIONED IN RIVER MILES FROM THE
        CONFLUENCE WITH THE GILA RIVER. ENCROACHMENT CARDS (ET) WERE USED
        IN SOME CASES TO BETTER MODEL DEAD OR NON-EFFECTIVE FLOW AREAS.
        CONSEQUENTLY, "SSTA" AND "ENDST" DO NOT REPRESENT THE ACTUAL FLOODING
        LIMITS, AND THE DELINEATION WAS ESTABLISHED BASED ON THE CROSS SECTION
        POINT ELEVATIONS AND THE TOPOGRAPHY. IN SOME CASES "TOPWID" DOES NOT
        REPRESENT THE FULL WIDTH OF THE FLOODPLAIN DUE TO NON-EFFECTIVE FLOW
        AREAS OR LOW ISLANDS WITHIN THE FLOODPLAIN. THE RUN WAS STARTED BASED
        SLOPE-AREA METHOD. THE HIGH WATER IN THE GILA RIVER WAS NOT USED TO
        START THE RUN, DUE TO THE DIFFERENCE IN THE TIME TO PEAK.
        ENCROACHMENTS ARE PLACED ON THE UPSTREAM SECTION OF THE BRIDGES TO
        REPRESENT THE 1:1 CONTRACTION OF FLOW. IN ADDITION, ENCROACHMENTS ARE
        PLACED ON THE DOWNSTREAM SECTION OF THE BRIDGES TO REPRESENT THE 4:1
        EXPANSION OF FLOW.
        ***************************************
        ***** BEGIN NONSTRUCTURAL DIKES ******
        *****  CONSIDERED NONEFFECTIVE  ******
        ***************************************
     .160      8.95    917.25    915.29    916.56    917.83       .58       .00       .00    911.80
   50900.0   11217.2   21512.4   18170.4    2113.5    2725.3    5072.5        .0        .0    923.00
      .00      5.31      7.89      3.58      .045      .035      .064      .000    908.30   9300.00
  .003013        0.        0.        0.         0        19         3       .00   2253.86  11600.00


1490 NH CARD USED
*SECNO  .250
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9250.0 11600.0 TYPE= 1 TARGET= 2350.000

.250	7.90	918.80	917.31	918.11	919.45	.65	1.60	.02	913.50
50900.0	22357.8	15388.5	13153.8	3775.3	1699.3	5135.0	115.5	25.4	922.50
.02	5.92	9.06	2.56	.045	.035	.086	.000	910.90	9250.00
.003488	505.	495.	480.	2	19	0	.00	2282.18	11600.00

1490 NH CARD USED
*SECNO .350

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9130.0 11690.0 TYPE= 1 TARGET= 2560.000

.350	8.97	920.37	918.80	919.61	920.93	.56	1.47	.01	915.10
50900.0	23597.8	15832.2	11470.0	4509.0	1856.6	5847.0	242.6	52.2	923.30
.05	5.23	8.53	1.96	.045	.035	.100	.000	911.40	9130.00
.002674	485.	485.	485.	0	10	0	.00	2529.57	11690.00

1490 NH CARD USED
*SECNO .440

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8970.0 11640.0 TYPE= 1 TARGET= 2670.000

.440	8.96	921.76	919.76	920.88	922.19	.44	1.24	.01	916.70
50900.0	19382.5	23253.5	8264.0	4216.0	3562.5	4660.0	386.4	82.3	925.20
.08	4.60	6.53	1.77	.045	.035	.100	.000	912.80	8970.00
.002234	520.	505.	500.	2	14	0	.00	2637.86	11640.00

1490 NH CARD USED
*SECNO .540

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 8920.0 11540.0 TYPE= 1 TARGET= 2620.000

.540	9.19	922.89	921.14	921.96	923.34	.44	1.14	.00	917.20
50900.0	23799.2	14893.1	12207.7	5113.1	1945.5	5361.1	532.0	112.5	927.50
.10	4.65	7.66	2.28	.045	.035	.080	.000	913.70	8920.00
.002217	530.	505.	495.	2	10	0	.00	2525.98	11540.00

1490 NH CARD USED
*SECNO .630

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8970.0 11440.0 TYPE= 1 TARGET= 2470.000

.630	8.43	924.13	922.61	923.29	924.64	.51	1.28	.02	919.60
50900.0	17446.3	16146.3	17307.5	3814.7	1943.9	5299.8	668.3	140.9	929.00
.13	4.57	8.31	3.27	.045	.035	.069	.000	915.70	8970.00
.002877	525.	505.	490.	2	14	0	.00	2379.27	11440.00

1490 NH CARD USED
*SECNO .730

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8980.0 11280.0 TYPE= 1 TARGET= 2300.000

.730	8.60	925.50	922.99	924.67	925.87	.37	1.22	.01	920.00
50900.0	21274.0	11016.0	18610.0	4739.5	1561.3	5333.2	798.3	167.3	928.80
.16	4.49	7.06	3.49	.045	.035	.061	.000	916.90	8980.00
.002087	510.	500.	490.	2	19	0	.00	2229.33	11280.00

1490 NH CARD USED
*SECNO .830

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8983.0 11150.0 TYPE= 1 TARGET= 2167.000

.830	9.25	926.55	924.57	925.91	927.02	.47	1.12	.03	920.90
50900.0	23760.6	12298.0	14841.4	4857.1	1522.9	4218.1	924.6	192.2	925.90
.19	4.89	8.08	3.52	.045	.035	.058	.000	917.30	8983.00
.002479	495.	495.	495.	2	9	0	.00	2141.69	11150.00

```
SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


1490 NH CARD USED
*SECNO  .920

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9100.0   11130.0  TYPE=      1  TARGET=     2030.000
      .920      8.28    927.58    925.73    926.85    928.17       .59      1.11       .03    923.30
   50900.0   13439.2   27664.7    9796.1    2676.3    3772.5    3104.7    1026.8     213.0    930.70
      .21      5.02      7.33      3.16      .045      .035      .057      .000    919.30   9100.00
   .002538     445.      440.      440.         1        19         0       .00   1962.40  11130.00


1490 NH CARD USED
*SECNO 1.010

3265 DIVIDED FLOW


0 ENCROACHMENT STATIONS=     9300.0   11250.0  TYPE=      1  TARGET=     1950.000
     1.010      7.47    928.67    926.42    927.79    929.15       .48       .97       .01    924.90
   50900.0    8187.6   31412.6   11299.8    1893.3    4892.4    3236.0    1125.7     232.6    931.40
      .23      4.32      6.42      3.49      .045      .035      .050      .000    921.20   9300.00
   .001950     440.      440.      440.         1        14         0       .00   1914.39  11250.00


1490 NH CARD USED
*SECNO 1.100

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9450.0   11220.0  TYPE=      1  TARGET=     1770.000
     1.100     10.07    929.57    927.00    928.81    930.08       .52       .92       .01    923.20
   50900.0    6575.4   37672.9    6651.8    1500.4    5978.8    2080.2    1235.0     252.7    934.30
      .25      4.38      6.30      3.20      .045      .035      .053      .000    919.50   9450.00
   .001828     500.      490.      470.         2         5         0       .00   1707.79  11220.00


1490 NH CARD USED
*SECNO 1.170
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SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9400.0   11020.0  TYPE=      1  TARGET=     1620.000
     1.170      7.02    930.62    928.91    929.80    931.37       .75      1.22       .07    927.20
   50900.0    6067.1   35274.3    9558.6    1595.1    4535.9    1923.2    1342.6     272.9    933.00
       .28      3.80      7.78      4.97      .045      .035      .050      .000    923.60   9400.00
   .002912      560.      540.      490.         2        11         0       .00   1594.13  11020.00


1490 NH CARD USED
*SECNO 1.250

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9200.0   10700.0  TYPE=      1  TARGET=     1500.000
     1.250      7.49    931.89    930.68    931.02    933.02      1.12      1.54       .11    929.10
   50900.0    6097.1   39440.0    5362.8    1789.3    4244.7     864.7    1425.8     290.0    933.60
       .29      3.41      9.29      6.20      .045      .035      .050      .000    924.40   9200.00
   .003458      480.      485.      490.         2        11         0       .00   1488.69  10700.00


1490 NH CARD USED
*SECNO 1.330

3470 ENCROACHMENT STATIONS=     8853.0   10470.0  TYPE=      1  TARGET=     1617.000
        ***************************************
        ***** END NONSTRUCTURAL DIKES ********
        ***************************************
     1.330      8.28    933.78    932.28    932.95    934.57       .79      1.52       .03    929.10
   50900.0   18399.6   32380.3     120.1    4207.1    3909.0      43.7    1510.7     307.4    932.00
       .31      4.37      8.28      2.75      .045      .035      .050      .000    925.50   8853.00
   .002755      485.      495.      500.         2        15         0       .00   1617.00  10470.00


*SECNO 1.400

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     8550.0   10306.0  TYPE=      1  TARGET=     1756.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1.400	7.98	935.08	934.15	934.16	936.05	.96	1.43	.05	931.60
50900.0	16161.9	34738.1	.0	3812.7	3824.0	.1	1592.7	324.6	935.20
.33	4.24	9.08	.02	.045	.035	.050	.000	927.10	8550.00
.003520	430.	475.	485.	2	15	0	.00	1755.32	10306.00

*SECNO 1.480

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

3470 ENCROACHMENT STATIONS= 8370.0 10280.0 TYPE= 1 TARGET= 1910.000

1.480	9.98	936.68	934.51	935.99	937.21	.53	1.12	.04	932.90
50900.0	11247.9	39648.8	3.4	3724.2	6178.9	3.4	1689.6	344.5	933.30
.35	3.02	6.42	1.00	.045	.035	.050	.000	926.70	8370.00
.001593	450.	505.	520.	2	8	0	.00	1910.00	10280.00

*SECNO 1.560

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.56

3470 ENCROACHMENT STATIONS= 8330.0 10173.0 TYPE= 1 TARGET= 1843.000

1.560	11.24	937.34	932.38	936.55	937.68	.34	.45	.02	932.20
50900.0	12966.1	37933.9	.0	5401.1	7216.5	.0	1804.5	362.5	939.00
.38	2.40	5.26	.00	.045	.035	.000	.000	926.10	8330.00
.000656	370.	495.	515.	2	14	0	.00	1838.53	10168.53

*SECNO 1.640

3470 ENCROACHMENT STATIONS= 8360.0 10312.0 TYPE= 1 TARGET= 1952.000

1.640	9.79	937.69	932.61	936.82	937.99	.30	.31	.00	931.30
50900.0	5463.1	45436.1	.9	2940.2	9927.3	1.7	1941.3	381.7	935.20
.41	1.86	4.58	.49	.045	.035	.050	.000	927.90	8360.00
.000610	380.	510.	540.	2	18	0	.00	1952.00	10312.00

*SECNO 1.710

3470 ENCROACHMENT STATIONS= 8350.0 10285.0 TYPE= 1 TARGET= 1935.000

1.710	9.79	937.99	933.67	937.17	938.35	.36	.34	.02	935.80
50900.0	3012.7	47886.7	.6	1772.3	9690.5	1.2	2072.8	401.5	935.90
.44	1.70	4.94	.52	.045	.035	.050	.000	928.20	8350.00
.000832	370.	495.	525.	0	11	0	.00	1935.00	10285.00

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 1.790

3470 ENCROACHMENT STATIONS=     8260.0   10253.0  TYPE=      1  TARGET=     1993.000
    1.790      9.22    938.42    934.67    937.57    938.82       .40       .45       .01    936.40
  50900.0    2334.6   48564.3       1.1    1406.7    9387.9       1.7    2192.1     420.2    936.30
      .47      1.66      5.17       .66      .045      .035      .050      .000    929.20   8260.00
 .001032      270.      500.      540.         2        11         0       .00   1993.00  10253.00


*SECNO 1.870

3470 ENCROACHMENT STATIONS=     8190.0   10051.0  TYPE=      1  TARGET=     1861.000
        ***************************************
        ***** BEGIN WEST BANK LEVEE **********
        ***************************************
    1.870      8.10    938.90    935.96    938.21    939.44       .54       .58       .04    934.40
  50900.0    2054.1   48837.5       8.3    1070.5    8151.4       7.7    2293.5     436.8    931.20
      .49      1.92      5.99      1.08      .045      .035      .050      .000    930.80   8190.00
 .001563      200.      475.      510.         2        11         0       .00   1861.00  10051.00


*SECNO 1.940

3470 ENCROACHMENT STATIONS=     8210.0   10063.3  TYPE=      1  TARGET=     1853.300
    1.940      7.46    939.76    937.11    939.25    940.27       .50       .82       .00    938.20
  50900.0    1780.8   49119.2        .0     850.3    8492.3        .0    2397.3     455.0 100000.00
      .52      2.09      5.78       .00      .045      .035      .000      .000    932.30   8210.00
 .001689      200.      520.      540.         2        14         0       .00   1849.14  10059.14


*SECNO 2.020

3470 ENCROACHMENT STATIONS=     8410.0   10078.0  TYPE=      1  TARGET=     1668.000
    2.020      7.87    940.57    938.68    940.05    941.24       .67       .93       .05    938.10
  50900.0    3096.4   47803.6        .0    1047.0    7083.2        .0    2486.1     471.4    944.80
      .54      2.96      6.75       .00      .045      .035      .000      .000    932.70   8410.00
 .002458      220.      470.      475.         2        15         0       .00   1661.18  10071.18


*SECNO 2.100

3470 ENCROACHMENT STATIONS=     8640.0   10166.0  TYPE=      1  TARGET=     1526.000
    2.100      7.30    941.60    939.60    940.84    942.31       .71      1.06       .01    938.70
  50900.0    2545.8   48354.2        .0     868.2    6982.2        .0    2563.3     486.0    946.70
      .55      2.93      6.93       .00      .045      .035      .000      .000    934.30   8640.00
 .002442      280.      440.      450.         2        14         0       .00   1519.46  10159.46
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2.180

3470 ENCROACHMENT STATIONS= 8920.0 10405.1 TYPE= 1 TARGET= 1485.100

2.180	8.14	942.54	940.26	941.75	943.18	.64	.86	.01	938.30
50900.0	5903.4	44996.6	.0	1696.2	6699.1	.0	2634.4	498.6	100000.00
.57	3.48	6.72	.00	.045	.035	.000	.000	934.40	8920.00
.002013	280.	400.	420.	2	15	0	.00	1479.69	10399.69

*SECNO 2.250

3470 ENCROACHMENT STATIONS= 9000.0 10365.7 TYPE= 1 TARGET= 1365.700

2.250	8.43	943.43	941.77	942.68	944.33	.90	1.07	.08	938.30
50900.0	11282.2	39617.8	.0	2604.7	4770.9	.0	2711.7	511.6	100000.00
.59	4.33	8.30	.00	.045	.035	.000	.000	935.00	9000.00
.002834	260.	490.	510.	2	15	0	.00	1358.98	10358.98

*SECNO 2.330

3470 ENCROACHMENT STATIONS= 8980.0 10339.4 TYPE= 1 TARGET= 1359.400

2.330	8.61	944.81	942.54	943.98	945.50	.70	1.15	.02	940.30
50900.0	11450.3	39449.7	.0	2664.7	5448.6	.0	2792.2	525.2	100000.00
.61	4.30	7.24	.00	.045	.035	.000	.000	936.20	8980.00
.002184	380.	490.	490.	2	19	0	.00	1349.19	10329.19

*SECNO 2.410

3470 ENCROACHMENT STATIONS= 9180.0 10790.0 TYPE= 1 TARGET= 1610.000

2.410	8.48	945.88	943.85	944.94	946.52	.64	1.02	.01	941.60
50900.0	8490.0	39062.3	3347.7	2220.6	5541.7	969.2	2880.4	540.3	940.60
.63	3.82	7.05	3.45	.045	.035	.050	.000	937.40	9180.00
.002137	350.	500.	500.	2	19	0	.00	1610.00	10790.00

*SECNO 2.510

3470 ENCROACHMENT STATIONS= 9320.0 10840.0 TYPE= 1 TARGET= 1520.000

2.510	8.19	946.89	944.19	946.07	947.45	.56	.92	.01	943.90
50900.0	2899.1	47649.1	351.8	971.2	7744.9	154.5	2979.1	557.6	943.70
.65	2.98	6.15	2.28	.045	.035	.050	.000	938.70	9320.00
.001653	510.	495.	345.	2	14	0	.00	1503.71	10823.71

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 2.600

3470 ENCROACHMENT STATIONS=     9300.0   11160.0  TYPE=      1  TARGET=     1860.000
    2.600      8.23    947.83    945.24    947.12    948.26       .44       .80       .01    944.80
  50900.0    1239.5   46006.3    3654.1     412.1    8389.0    1060.0    3086.0     576.5    943.60
     .68      3.01      5.48      3.45      .040      .035      .040      .000    939.60   9300.00
 .001554      640.      505.      230.         2        19         0       .00   1844.33  11144.33


*SECNO 2.700

3470 ENCROACHMENT STATIONS=     9180.0   11238.0  TYPE=      1  TARGET=     2058.000
    2.700      8.24    948.64    945.99    948.18    948.98       .34       .70       .01    945.20
  50900.0     809.4   50090.6        .0     284.1   10646.0        .0    3204.7     598.8 100000.00
     .71      2.85      4.71       .00      .040      .035      .000      .000    940.40   9180.00
 .001289      790.      500.      265.         1        20         0       .00   2050.02  11230.02


*SECNO 2.800

3470 ENCROACHMENT STATIONS=     9160.0   11222.0  TYPE=      1  TARGET=     2062.000
        ***************************************
        *****      EAST BANK LEVEE       *****
        ***** CROSS SECTIONS 2.80 & 2.89 *****
        ***************************************
    2.800      7.27    949.27    946.27    948.88    949.57       .30       .59       .00    943.40
  50900.0     803.3   50096.7        .0     226.2   11351.8        .0    3333.7     622.3 100000.00
     .74      3.55      4.41       .00      .040      .035      .000      .000    942.00   9160.00
 .001074      460.      500.      390.         1        11         0       .00   2049.26  11209.26


*SECNO 2.890

3470 ENCROACHMENT STATIONS=     9200.0   11261.2  TYPE=      1  TARGET=     2061.200
        ***************************************
        *****      EAST BANK LEVEE       *****
        ***** CROSS SECTIONS 2.80 & 2.89 *****
        ***************************************
    2.890      7.02    949.82    946.99    949.51    950.15       .33       .57       .01    943.80
  50900.0   13774.5   37125.5        .0    3010.8    8114.5        .0    3460.1     645.1 100000.00
     .77      4.58      4.58       .00      .040      .035      .000      .000    942.80   9200.00
 .001306      485.      485.      415.         1        11         0       .00   2048.14  11248.14
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SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 2.990

3470 ENCROACHMENT STATIONS=     9323.0   11260.5  TYPE=      1  TARGET=     1937.500
   2.990      8.13    950.43    947.08    950.15    950.75       .31       .60       .00    948.60
 50900.0        .3   50899.7        .0        .5   11321.3        .0    3591.5     668.3 100000.00
     .80       .49      4.50       .00      .040      .035      .000      .000    942.30   9323.00
 .001056      510.      510.      430.         2        14         0       .00   1923.36  11246.36


*SECNO 3.080

3470 ENCROACHMENT STATIONS=     9393.0   11278.2  TYPE=      1  TARGET=     1885.200
   3.080      8.44    950.94    947.03    950.69    951.22       .28       .47       .00    951.40
 50900.0        .0   50900.0        .0        .0   12000.9        .0    3725.3     690.1 100000.00
     .83       .00      4.24       .00      .000      .035      .000      .000    942.50   9395.80
 .000837      550.      500.      380.         2        11         0       .00   1867.47  11263.28


ECNO 3.180

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9545.0   11211.1  TYPE=      1  TARGET=     1666.100
   3.180      7.97    951.37    948.32    951.18    951.78       .41       .52       .04    952.20
 50900.0        .0   50900.0        .0        .0    9859.3        .0    3850.8     710.2 100000.00
     .86       .00      5.16       .00      .000      .035      .000      .000    943.40   9549.34
 .001355      680.      500.      350.         2        11         0       .00   1638.41  11199.60


*SECNO 3.270

3470 ENCROACHMENT STATIONS=     9692.0   11130.5  TYPE=      1  TARGET=     1438.500
   3.270      7.57    952.07    949.35    951.95    952.62       .55       .79       .04    950.70
 50900.0        .7   50899.3        .0        .8    8550.4        .0    3958.6     728.2 100000.00
     .88       .88      5.95       .00      .040      .035      .000      .000    944.50   9692.00
 .001812      575.      510.      420.         2        14         0       .00   1428.31  11120.31


*SECNO 3.370

3470 ENCROACHMENT STATIONS=     9750.0   10970.3  TYPE=      1  TARGET=     1220.300
   3.370      9.54    952.94    949.97    952.88    953.58       .64       .94       .03 100000.00
 50900.0        .0   50900.0        .0        .0    7943.1        .0    4055.1     743.6 100000.00
     .90       .00      6.41       .00      .000      .035      .000      .000    943.40   9750.00
 .001857      585.      510.      460.         2        11         0       .00   1202.39  10952.39
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3.400

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 9730.0 10928.5 TYPE= 1 TARGET= 1198.500

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*************************************
 DIVIDED FLOW AT TRANSMISSION TOWER
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3.400	7.60	952.70	952.70	952.80	954.75	2.05	.66	.42	952.00
50900.0	58.1	50841.9	.0	19.8	4424.3	.0	4080.0	748.3	100000.00
.91	2.94	11.49	.00	.040	.035	.000	.000	945.10	9730.00
.011623	175.	175.	175.	0	15	0	.00	1138.34	10914.34

*SECNO 3.430

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.99

3470 ENCROACHMENT STATIONS= 9700.0 10873.4 TYPE= 1 TARGET= 1173.400

3.430	8.83	954.83	952.81	954.78	955.72	.90	.86	.11	952.80
50900.0	351.0	50549.0	.0	113.9	6625.1	.0	4101.2	752.6	100000.00
.91	3.08	7.63	.00	.040	.035	.000	.000	946.00	9700.00
.002949	165.	165.	160.	2	15	0	.00	1156.85	10856.85

*SECNO 3.470

3470 ENCROACHMENT STATIONS= 9650.0 10811.2 TYPE= 1 TARGET= 1161.200

3.470	9.30	955.40	953.07	955.39	956.28	.87	.55	.00	953.20
50900.0	673.5	50226.5	.0	237.5	6654.2	.0	4132.5	757.9	100000.00
.92	2.84	7.55	.00	.040	.035	.000	.000	946.10	9650.00
.002594	200.	200.	200.	3	15	0	.00	1147.39	10797.39

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3.550

3470 ENCROACHMENT STATIONS= 9540.0 10684.5 TYPE= 1 TARGET= 1144.500

3.550	8.43	956.43	954.74	956.41	957.47	1.04	1.14	.05	952.30
50900.0	3752.9	47147.1	.0	840.0	5613.3	.0	4193.0	768.2	100000.00
.94	4.47	8.40	.00	.040	.035	.000	.000	948.00	9540.00
.003215	395.	395.	395.	2	19	0	.00	1132.88	10672.88

*SECNO 3.640

3470 ENCROACHMENT STATIONS= 9430.0 10593.0 TYPE= 1 TARGET= 1163.000

3.640	9.10	957.90	956.14	957.84	959.27	1.36	1.70	.10	963.20
50900.0	.0	50900.0	.0	.0	5429.0	.0	4258.5	779.0	100000.00
.95	.00	9.38	.00	.000	.035	.000	.000	948.80	9764.82
.003934	480.	480.	480.	2	15	0	.00	819.30	10584.12

*SECNO 3.690

3470 ENCROACHMENT STATIONS= 9430.0 10575.0 TYPE= 1 TARGET= 1145.000

3.690	7.99	958.99	957.84	958.97	960.37	1.38	1.10	.00	960.00
50900.0	.0	50900.0	.0	.0	5408.4	.0	4288.3	784.1	100000.00
.96	.00	9.41	.00	.000	.035	.000	.000	951.00	9530.26
.005393	240.	240.	240.	2	15	0	.00	1030.15	10560.41

*SECNO 3.729

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.43

3470 ENCROACHMENT STATIONS= 9419.0 10604.0 TYPE= 1 TARGET= 1185.000

3.729	8.32	960.52	956.10	960.52	960.95	.43	.49	.10	968.00
50900.0	.0	50900.0	.0	.0	9727.4	.0	4334.3	790.8	967.20
.97	.00	5.23	.00	.000	.035	.000	.000	952.20	9422.37
.000916	260.	265.	270.	2	11	0	.00	1173.96	10596.33

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


CCHV=     .300 CEHV=     .500
*SECNO 3.734

3370 NORMAL BRIDGE, NRD=  61 MIN ELTRD=   971.10 MAX ELLC=   967.60

          ****************************
          *****    BUCKEYE ROAD   *****
          ***** LOW CHORD = 967.4 *****
          ****************************
   3.734     8.21    960.51    956.40    960.50    961.02       .51       .03       .04    967.50
 50900.0       .0   50900.0       .0       .0    8851.9        .0    4339.7     791.5    967.60
     .97      .00      5.75       .00      .000      .035      .000      .000    952.30   9407.84
 .001456      25.       25.       25.        2        18         0   -810.97   1184.92  10592.77


*SECNO 3.747

3370 NORMAL BRIDGE, NRD=  61 MIN ELTRD=   971.10 MAX ELLC=   967.60

   3.747     8.33    960.63    956.40    960.62    961.13       .50       .10       .00    967.50
 50900.0       .0   50900.0       .0       .0    8980.8        .0    4354.0     793.4    967.60
     .98      .00      5.67       .00      .000      .035      .000      .000    952.30   9407.73
 .001392      70.       70.       70.        2        18         0   -822.79   1185.15  10592.88


*SECNO 3.757
   3.757     8.64    960.74    956.27    960.73    961.20       .46       .06       .01    966.50
 50900.0       .0   50900.0       .0       .0    9369.8        .0    4364.5     794.7    967.70
     .98      .00      5.43       .00      .000      .035      .000      .000    952.10   9436.77
 .000959      50.       50.       50.        2         8         0       .00   1110.65  10547.41


*SECNO 3.767

3265 DIVIDED FLOW


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .59


3370 NORMAL BRIDGE, NRD=  76 MIN ELTRD=   970.90 MAX ELLC=   970.90

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***** SO. PACIFIC R.R.  *****
***** LOW CHORD = 966.1 *****
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3.767	7.76	960.66	957.45	960.65	961.43	.77	.08	.16	966.90
50900.0	.0	50900.0	.0	.0	7223.8	.0	4374.1	795.9	970.90
.98	.00	7.05	.00	.000	.035	.000	.000	952.90	9441.21
.002777	50.	50.	50.	2	15	0	-826.27	1053.60	10559.14

*SECNO 3.770

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 76 MIN ELTRD= 970.90 MAX ELLC= 970.90

3.770	7.83	960.73	957.45	960.72	961.49	.76	.05	.00	966.90
50900.0	.0	50900.0	.0	.0	7293.6	.0	4377.4	796.4	970.90
.98	.00	6.98	.00	.000	.035	.000	.000	952.90	9441.05
.002699	20.	20.	20.	2	15	0	-834.14	1053.91	10559.28

CCHV= .100 CEHV= .300
*SECNO 3.780

[illegible]02 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.75

3.780	8.11	961.01	957.16	961.01	961.56	.55	.05	.02	968.00
52000.0	.0	52000.0	.0	.0	8761.3	.0	4383.8	797.3	968.00
.98	.00	5.94	.00	.000	.030	.000	.000	952.90	9453.57
.000919	35.	35.	35.	2	11	0	.00	1109.93	10563.50

*SECNO 3.800

3.800	8.03	961.13	957.35	961.12	961.68	.55	.12	.00	967.50
52000.0	.0	52000.0	.0	.0	8725.2	.0	4408.9	800.5	968.20
.99	.00	5.96	.00	.000	.030	.000	.000	953.10	9450.25
.000945	125.	125.	125.	2	11	0	.00	1123.24	10573.49

*SECNO 3.810

3265 DIVIDED FLOW

3.810	7.81	961.11	957.79	961.10	961.81	.70	.09	.04	967.50
52000.0	.0	52000.0	.0	.0	7747.2	.0	4424.1	802.5	968.50
.99	.00	6.71	.00	.000	.030	.000	.000	953.30	9456.06
.001254	85.	80.	75.	2	11	0	.00	1025.17	10566.48

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3.830

3.830	8.62	961.42	957.43	961.41	961.94	.52	.11	.02	968.00
52000.0	.0	52000.0	.0	.0	9016.2	.0	4444.3	805.1	968.20
1.00	.00	5.77	.00	.000	.030	.000	.000	952.80	9434.54
.000861	105.	105.	105.	2	14	0	.00	1135.19	10569.74

*SECNO 3.930

3.930	8.34	961.84	958.22	961.84	962.42	.58	.47	.02	969.10
52000.0	.0	52000.0	.0	.0	8522.2	.0	4544.9	818.0	970.60
1.02	.00	6.10	.00	.000	.030	.000	.000	953.50	9453.42
.001010	500.	500.	500.	2	11	0	.00	1112.23	10565.65

*SECNO 4.020

4.020	8.47	962.37	958.33	962.36	962.89	.52	.46	.01	971.50
52000.0	.0	52000.0	.0	.0	8968.6	.0	4645.3	830.7	970.60
1.04	.00	5.80	.00	.000	.030	.000	.000	953.90	9452.82
.000852	500.	500.	500.	2	11	0	.00	1112.04	10564.86

*SECNO 4.040

3265 DIVIDED FLOW

4.040	7.83	962.33	959.07	962.33	963.05	.72	.10	.06	972.20
52000.0	.0	52000.0	.0	.0	7643.4	.0	4664.4	833.2	971.10
1.05	.00	6.80	.00	.000	.030	.000	.000	954.50	9461.15
.001294	100.	100.	100.	2	11	0	.00	1013.63	10572.38

*SECNO 4.060

4.060	7.71	962.61	959.08	962.61	963.20	.59	.14	.01	973.40
52000.0	.0	52000.0	.0	.0	8417.5	.0	4686.5	836.1	971.60
1.05	.00	6.18	.00	.000	.030	.000	.000	954.90	9454.74
.001053	120.	120.	120.	2	11	0	.00	1112.43	10567.17

*SECNO 4.092

4.092	7.59	962.79	959.31	962.78	963.39	.60	.18	.00	973.30
52000.0	.0	52000.0	.0	.0	8363.6	.0	4719.2	840.5	973.00
1.06	.00	6.22	.00	.000	.030	.000	.000	955.20	9454.52
.001076	170.	170.	170.	2	11	0	.00	1112.00	10566.52

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4.094

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

4.094	4.11	962.61	962.61	962.61	964.67	2.06	.02	.44	973.30
52000.0	.0	52000.0	.0	.0	4513.9	.0	4720.7	840.7	973.00
1.06	.00	11.52	.00	.000	.030	.000	.000	958.50	9458.06
.008313	10.	10.	10.	0	11	0	.00	1105.60	10563.66

*SECNO 4.160

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.40

4.160	7.84	965.04	962.20	965.04	965.75	.71	.95	.13	973.60
52000.0	.0	52000.0	.0	.0	7669.2	.0	4766.9	849.1	974.30
1.07	.00	6.78	.00	.000	.030	.000	.000	957.20	9461.40
.001447	330.	330.	330.	2	11	0	.00	1120.20	10581.59

*SECNO 4.260

4.260	8.75	965.75	963.02	965.75	966.50	.74	.73	.01	975.70
52000.0	.0	52000.0	.0	.0	7530.1	.0	4853.2	861.8	974.40
1.09	.00	6.91	.00	.000	.030	.000	.000	957.00	9427.01
.001523	495.	495.	495.	3	15	0	.00	1113.03	10540.04

*SECNO 4.270

3265 DIVIDED FLOW

4.270	8.78	965.88	962.95	965.88	966.66	.78	.15	.01	974.90
52000.0	.0	52000.0	.0	.0	7317.4	.0	4870.3	864.3	974.40
1.10	.00	7.11	.00	.000	.030	.000	.000	957.10	9458.96
.001499	100.	100.	100.	2	14	0	.00	1016.78	10573.50

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4.300

4.300	8.59	966.19	962.92	966.19	966.83	.64	.15	.01	974.80
52000.0	.0	52000.0	.0	.0	8127.5	.0	4890.7	867.1	974.90
1.10	.00	6.40	.00	.000	.030	.000	.000	957.60	9467.63
.001183	115.	115.	115.	2	14	0	.00	1113.12	10580.75

*SECNO 4.390

4.390	9.17	966.77	963.29	966.77	967.37	.60	.54	.00	976.10
52000.0	.0	52000.0	.0	.0	8390.9	.0	4981.7	879.4	976.20
1.12	.00	6.20	.00	.000	.030	.000	.000	957.60	9452.43
.001071	515.	480.	445.	2	14	0	.00	1119.10	10571.53

*SECNO 4.480

4.480	9.53	967.33	963.38	967.33	967.86	.53	.48	.01	978.30
52000.0	.0	52000.0	.0	.0	8893.4	.0	5080.9	892.2	975.70
1.15	.00	5.85	.00	.000	.030	.000	.000	957.80	9451.96
.000881	535.	500.	465.	0	14	0	.00	1118.08	10570.05

*SECNO 4.500

3265 DIVIDED FLOW

4.500	9.58	967.38	963.38	967.38	967.98	.60	.10	.02	978.40
52000.0	.0	52000.0	.0	.0	8373.7	.0	5102.7	894.9	975.90
1.15	.00	6.21	.00	.000	.030	.000	.000	957.80	9453.77
.000950	110.	110.	110.	2	11	0	.00	1010.03	10565.56

*SECNO 4.520

4.520	9.57	967.57	963.59	967.57	968.10	.53	.11	.01	976.50
52000.0	.0	52000.0	.0	.0	8872.3	.0	5126.4	897.8	976.00
1.16	.00	5.86	.00	.000	.030	.000	.000	958.00	9450.06
.000877	115.	120.	125.	2	14	0	.00	1106.92	10556.97

*SECNO 4.600

4.600	9.85	967.95	963.87	967.95	968.47	.52	.36	.00	978.90
52000.0	.0	52000.0	.0	.0	9007.8	.0	5213.6	908.6	976.90
1.18	.00	5.77	.00	.000	.030	.000	.000	958.10	9459.72
.000838	430.	425.	420.	0	14	0	.00	1111.27	10571.00

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  SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
  Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
  TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
  SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST

*SECNO 4.700
    4.700      9.26    968.36    964.68    968.36    968.93       .57       .45       .02    978.40
  52000.0        .0   52000.0       .0       .0    8579.6        .0    5314.6     921.4    978.80
     1.20       .00      6.06       .00      .000      .030      .000      .000    959.10   9460.50
  .000983      500.      500.      500.         1        11         0       .00   1107.42  10567.92

*SECNO 4.754

3370 NORMAL BRIDGE, NRD=  44 MIN ELTRD=   988.10 MAX ELLC=   988.10

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=      988.10 ELREA=      981.20

          ****************************
          *****     VAN BUREN     *****
          ***** LOW CHORD = 980.6 *****
          ****************************
    4.754      8.28    968.58    964.65    968.58    969.18       .60       .24       .01    988.10
  52000.0        .0   52000.0       .0       .0    8351.9        .0    5358.3     927.1    981.20
     1.21       .00      6.23       .00      .000      .030      .000      .000    960.30   9438.46
  .001154      150.      225.      310.         0        26         0   -887.65   1123.93  10562.39

*SECNO 4.759

3370 NORMAL BRIDGE, NRD=  44 MIN ELTRD=   988.10 MAX ELLC=   988.10

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=      988.10 ELREA=      981.20

    4.759      8.39    968.69    964.65    968.69    969.27       .59       .09       .00    988.10
  52000.0        .0   52000.0       .0       .0    8468.2        .0    5373.2     929.1    981.20
     1.22       .00      6.14       .00      .000      .030      .000      .000    960.30   9438.36
  .001105       77.       77.       77.         2        26         0   -899.96   1124.12  10562.48

*SECNO 4.790

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .70

    4.790      7.65    968.75    966.78    968.75    969.68       .94       .31       .11    980.20
  52000.0        .0   52000.0       .0       .0    6687.1        .0    5408.0     934.3    980.80
     1.22       .00      7.78       .00      .000      .030      .000      .000    961.10   9458.38
  .002270      280.      200.      110.         2        19         0       .00   1115.25  10573.63
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4.890

4.890	8.09	969.89	967.58	969.89	970.68	.79	.99	.01	982.30
52000.0	.0	52000.0	.0	.0	7273.2	.0	5485.7	947.0	982.00
1.24	.00	7.15	.00	.000	.030	.000	.000	961.80	9396.01
.001829	455.	485.	510.	2	19	0	.00	1169.84	10565.86

*SECNO 4.980

4.980	8.08	970.88	968.06	970.88	971.50	.62	.80	.02	983.50
52000.0	.0	52000.0	.0	.0	8198.0	.0	5577.1	961.3	985.30
1.26	.00	6.34	.00	.000	.030	.000	.000	962.80	9362.94
.001342	515.	515.	520.	2	14	0	.00	1250.71	10613.65

*SECNO 5.000

3265 DIVIDED FLOW

5.000	7.58	970.98	968.00	970.98	971.63	.65	.12	.01	983.30
52000.0	.0	52000.0	.0	.0	8052.6	.0	5593.6	963.7	985.70
1.27	.00	6.46	.00	.000	.030	.000	.000	963.40	9358.10
.001310	90.	88.	85.	2	11	0	.00	1169.86	10622.12

*SECNO 5.020

5.020	7.00	971.10	968.63	971.10	971.78	.67	.14	.01	983.20
52000.0	.0	52000.0	.0	.0	7891.3	.0	5611.9	966.6	985.00
1.27	.00	6.59	.00	.000	.030	.000	.000	964.10	9355.88
.001574	100.	100.	100.	0	14	0	.00	1281.89	10637.77

*SECNO 5.100

5.100	6.58	971.78	970.21	971.78	972.66	.88	.82	.06	985.30
52000.0	.0	52000.0	.0	.0	6891.1	.0	5681.4	978.9	985.90
1.29	.00	7.55	.00	.000	.030	.000	.000	965.20	9322.67
.002635	405.	410.	415.	2	19	0	.00	1344.91	10667.57

*SECNO 5.150

5.150	5.08	972.48	971.86	972.48	973.77	1.29	.98	.12	986.00
52000.0	.0	52000.0	.0	.0	5711.8	.0	5721.2	987.5	986.00
1.30	.00	9.10	.00	.000	.030	.000	.000	967.40	9306.95
.005136	215.	275.	330.	2	19	0	.00	1388.65	10695.61

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5.201

5.201	4.81	973.91	972.62	973.91	974.85	.94	1.05	.03	987.00
52000.0	.0	52000.0	.0	.0	6680.4	.0	5759.6	996.2	987.00
1.31	.00	7.78	.00	.000	.030	.000	.000	969.10	9304.89
.003061	180.	270.	360.	2	19	0	.00	1392.04	10696.92

*SECNO 5.203

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

5.203	3.52	973.52	973.52	973.52	975.29	1.77	.05	.25	987.00
52000.0	.0	52000.0	.0	.0	4876.1	.0	5760.9	996.5	987.00
1.31	.00	10.66	.00	.000	.030	.000	.000	970.00	9306.07
.008712	10.	10.	10.	0	15	0	.00	1389.49	10695.56

*SECNO 5.250

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

5.250	5.43	975.63	974.67	975.63	976.73	1.10	1.38	.07	987.90
52000.0	.0	52000.0	.0	.0	6165.1	.0	5792.0	1004.3	996.10
1.31	.00	8.43	.00	.000	.030	.000	.000	970.20	9308.63
.003940	265.	245.	220.	1	11	0	.00	1377.96	10686.59

*SECNO 5.270

3265 DIVIDED FLOW

5.270	5.33	976.03	975.21	976.03	977.31	1.28	.53	.05	987.20
52000.0	.0	52000.0	.0	.0	5734.1	.0	5809.1	1008.1	989.00
1.32	.00	9.07	.00	.000	.030	.000	.000	970.70	9329.95
.004504	125.	125.	125.	2	15	0	.00	1266.62	10659.78

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5.290

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

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*****************************
*****  I-10 EAST BOUND  *****
***** LOW CHORD = 986.4 *****
*****************************
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5.290	5.45	976.95	975.19	976.95	977.80	.85	.44	.04	986.40
52000.0	.0	52000.0	.0	.0	7030.2	.0	5827.4	1011.9	997.70
1.32	.00	7.40	.00	.000	.030	.000	.000	971.50	9267.73
.002866	115.	125.	150.	2	21	0	-479.02	1385.94	10653.67

*SECNO 5.305

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

5.305	5.68	977.18	975.19	977.18	977.96	.78	.16	.01	986.40
52000.0	.0	52000.0	.0	.0	7315.0	.0	5837.3	1013.8	997.70
1.32	.00	7.11	.00	.000	.030	.000	.000	971.50	9267.33
.002531	60.	60.	60.	1	21	0	-498.43	1386.66	10653.99

*SECNO 5.317

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

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*****************************
*****  I-10 WEST BOUND  *****
***** LOW CHORD = 986.4 *****
*****************************
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5.317	5.58	977.28	975.51	977.28	978.17	.89	.18	.03	986.40
54400.0	.0	54400.0	.0	.0	7201.5	.0	5848.1	1015.8	997.70
1.33	.00	7.55	.00	.000	.030	.000	.000	971.70	9267.36
.002909	65.	65.	65.	2	21	0	-490.71	1386.60	10653.96

*SECNO 5.328

3370 NORMAL BRIDGE, NRD= 82 MIN ELTRD= 994.50 MAX ELLC= 997.70

5.328	5.83	977.53	975.51	977.53	978.34	.81	.16	.01	986.40
54400.0	.0	54400.0	.0	.0	7517.6	.0	5858.2	1017.8	997.70
1.33	.00	7.24	.00	.000	.030	.000	.000	971.70	9266.91
.002543	60.	60.	60.	2	21	0	-512.25	1387.41	10654.33

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  SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
  Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
  TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
  SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 5.380
    5.380      6.76    978.16    976.59    978.16    979.12       .96       .73       .04    987.70
  54400.0        .0   54400.0       .0       .0    6919.5        .0    5904.6    1026.4    988.40
     1.34       .00      7.86       .00      .000      .030      .000      .000    971.40   9351.35
  .002700      120.      280.      460.         2        11         0       .00   1292.39  10643.74


*SECNO 5.480

3470 ENCROACHMENT STATIONS=     9310.0   10594.0  TYPE=      1  TARGET=     1284.000
    5.480      6.85    979.55    977.34    979.55    980.35       .80      1.21       .02    973.20
  54400.0     254.1   54145.9       .0      63.5    7549.4        .0    5994.5    1042.1    988.80
     1.36      4.00      7.17       .00      .040      .030      .000      .000    972.70   9310.00
  .001902      250.      540.      700.         2        19         0       .00   1256.16  10566.16


*SECNO 5.510

$5 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=     9320.0   10584.0  TYPE=      1  TARGET=     1264.000
    5.510      6.97    979.67    978.19    979.67    980.81      1.14       .36       .10    973.40
  54400.0     127.3   54272.7       .0      31.3    6321.7        .0    6018.5    1046.3    990.10
     1.36      4.06      8.59       .00      .040      .030      .000      .000    972.70   9320.00
  .003057      150.      150.      100.         2        15         0       .00   1138.12  10554.65


*SECNO 5.540

3470 ENCROACHMENT STATIONS=     9330.0   10562.0  TYPE=      1  TARGET=     1232.000
    5.540      7.61    980.21    978.57    980.21    981.22      1.01       .40       .01    972.60
  54400.0     390.0   54010.0       .0      76.1    6679.3        .0    6039.6    1050.0    988.40
     1.37      5.13      8.09       .00      .040      .030      .000      .000    972.60   9330.00
  .002703      130.      140.      150.         2        15         0       .00   1209.04  10539.04


*SECNO 5.650
    5.650      8.73    981.63    978.75    981.63    982.37       .74      1.12       .03    987.40
  54400.0        .0   54400.0       .0       .0    7881.6        .0    6137.0    1065.6    993.20
     1.39       .00      6.90       .00      .000      .030      .000      .000    972.90   9419.23
  .001457      580.      580.      580.         2        15         0       .00   1126.80  10546.03
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5.689

3370 NORMAL BRIDGE, NRD= 40 MIN ELTRD= 996.90 MAX ELLC= 996.80

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****************************
*****   MCDOWELL ROAD   *****
***** LOW CHORD = 990.8 *****
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5.689	8.22	982.07	978.18	982.07	982.66	.59	.27	.01	990.80
54400.0	.0	54400.0	.0	.0	8811.9	.0	6177.3	1071.1	990.80
1.40	.00	6.17	.00	.000	.030	.000	.000	973.85	9385.82
.001135	210.	210.	210.	0	18	0	-550.40	1152.46	10538.28

*SECNO 5.700

3370 NORMAL BRIDGE, NRD= 40 MIN ELTRD= 996.90 MAX ELLC= 996.80

5.700	8.29	982.14	978.18	982.14	982.73	.58	.07	.00	990.80
54400.0	.0	54400.0	.0	.0	8890.8	.0	6189.5	1072.7	990.80
1.41	.00	6.12	.00	.000	.030	.000	.000	973.85	9385.70
.001103	60.	60.	60.	0	18	0	-555.30	1152.70	10538.40

*SECNO 5.750

5.750	8.74	982.44	979.31	982.44	983.13	.70	.37	.04	990.30
54400.0	.0	54400.0	.0	.0	8112.6	.0	6250.0	1080.7	989.20
1.42	.00	6.71	.00	.000	.030	.000	.000	973.70	9452.74
.001312	310.	310.	310.	2	19	0	.00	1119.25	10571.99

*SECNO 5.770

5.770	9.12	982.62	979.53	982.62	983.33	.70	.19	.00	989.40
54400.0	.0	54400.0	.0	.0	8081.7	.0	6276.9	1084.5	991.10
1.42	.00	6.73	.00	.000	.030	.000	.000	973.50	9435.38
.001336	140.	145.	150.	1	19	0	.00	1123.63	10559.01

*SECNO 5.790

3265 DIVIDED FLOW

5.790	8.04	982.64	980.59	982.64	983.70	1.06	.27	.11	992.30
54400.0	.0	54400.0	.0	.0	6574.2	.0	6303.0	1088.3	990.20
1.43	.00	8.27	.00	.000	.030	.000	.000	974.60	9443.50
.002340	150.	155.	160.	2	14	0	.00	1015.97	10557.55

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 5.810									
5.810	8.69	983.29	980.19	983.29	984.00	.71	.26	.04	990.80
54400.0	.0	54400.0	.0	.0	8071.5	.0	6328.2	1091.9	991.00
1.44	.00	6.74	.00	.000	.030	.000	.000	974.60	9449.75
.001325	160.	150.	140.	2	19	0	.00	1110.69	10560.44
*SECNO 5.900									
5.900	8.56	983.96	981.21	983.96	984.73	.77	.72	.02	993.00
54400.0	.0	54400.0	.0	.0	7700.7	.0	6418.7	1104.7	991.10
1.46	.00	7.06	.00	.000	.030	.000	.000	975.40	9439.50
.001551	495.	500.	500.	2	14	0	.00	1112.51	10552.01
*SECNO 5.990									
5.990	9.23	984.73	981.95	984.73	985.51	.78	.77	.00	992.50
54400.0	.0	54400.0	.0	.0	7700.1	.0	6507.1	1117.5	993.20
1.47	.00	7.06	.00	.000	.030	.000	.000	975.50	9439.35
.001545	515.	500.	485.	2	19	0	.00	1109.63	10548.99
*SECNO 6.070									
6.070	8.68	985.38	982.47	985.38	986.13	.75	.61	.00	992.70
54400.0	.0	54400.0	.0	.0	7853.0	.0	6580.3	1127.9	992.40
1.49	.00	6.93	.00	.000	.030	.000	.000	976.70	9424.20
.001452	400.	410.	420.	1	14	0	.00	1112.14	10536.34
*SECNO 6.160									
6.160	7.01	986.11	983.45	986.11	986.90	.79	.76	.01	994.00
54400.0	.0	54400.0	.0	.0	7628.8	.0	6669.2	1140.7	993.20
1.51	.00	7.13	.00	.000	.030	.000	.000	979.10	9428.99
.001605	500.	500.	500.	1	8	0	.00	1114.84	10543.83
*SECNO 6.260									
6.260	6.73	986.93	985.00	986.93	987.92	.99	.96	.06	994.10
54400.0	.0	54400.0	.0	.0	6805.7	.0	6752.0	1153.5	993.30
1.53	.00	7.99	.00	.000	.030	.000	.000	980.20	9435.08
.002347	510.	500.	495.	2	19	0	.00	1115.70	10550.78

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6.350

6.350	7.60	988.10	985.86	988.10	989.02	.92	1.09	.01	996.30
54400.0	.0	54400.0	.0	.0	7056.9	.0	6831.6	1166.2	996.30
1.55	.00	7.71	.00	.000	.030	.000	.000	980.50	9455.46
.002032	525.	500.	475.	2	15	0	.00	1094.92	10550.39

*SECNO 6.430

6.430	8.00	989.00	987.47	989.00	990.20	1.20	1.09	.08	996.50
54400.0	.0	54400.0	.0	.0	6187.8	.0	6899.2	1177.2	996.10
1.56	.00	8.79	.00	.000	.030	.000	.000	981.00	9461.07
.003037	510.	445.	380.	2	15	0	.00	1066.53	10527.60

*SECNO 6.520

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.56

6.520	8.88	990.38	987.11	990.38	991.06	.69	.81	.05	997.60
54400.0	.0	54400.0	.0	.0	8177.3	.0	6971.8	1188.1	997.60
1.58	.00	6.65	.00	.000	.030	.000	.000	981.50	9469.62
.001245	510.	440.	370.	2	19	0	.00	1095.24	10564.86

*SECNO 6.540

3265 DIVIDED FLOW

6.540	7.87	990.27	988.10	990.27	991.32	1.04	.15	.11	997.90
54400.0	.0	54400.0	.0	.0	6634.2	.0	6987.1	1190.3	997.50
1.58	.00	8.20	.00	.000	.030	.000	.000	982.40	9473.14
.002223	100.	90.	75.	2	14	0	.00	1001.00	10572.97

*SECNO 6.560

6.560	8.69	990.79	987.82	990.79	991.52	.74	.17	.03	998.10
54400.0	.0	54400.0	.0	.0	7905.9	.0	7003.8	1192.7	997.70
1.59	.00	6.88	.00	.000	.030	.000	.000	982.10	9473.24
.001412	115.	100.	85.	2	19	0	.00	1107.89	10581.13

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6.590

6.590	9.31	991.11	987.44	991.11	991.72	.61	.18	.01	998.50
54400.0	.0	54400.0	.0	.0	8703.7	.0	7032.4	1196.5	998.00
1.59	.00	6.25	.00	.000	.030	.000	.000	981.80	9462.66
.001031	165.	150.	155.	2	14	0	.00	1112.03	10574.69

*SECNO 6.610

3265 DIVIDED FLOW

6.610	9.24	991.04	988.47	991.04	991.94	.90	.14	.09	998.80
54400.0	.0	54400.0	.0	.0	7156.5	.0	7050.6	1199.0	998.20
1.60	.00	7.60	.00	.000	.030	.000	.000	981.80	9448.77
.001885	115.	100.	85.	2	16	0	.00	1066.40	10562.54

*SECNO 6.640

6.640	9.10	991.50	988.30	991.50	992.19	.69	.23	.02	999.30
54400.0	.0	54400.0	.0	.0	8182.3	.0	7077.0	1202.8	998.40
1.60	.00	6.65	.00	.000	.030	.000	.000	982.40	9454.60
.001266	165.	150.	135.	2	14	0	.00	1112.14	10566.75

*SECNO 6.660

6.660	9.40	991.60	989.01	991.60	992.43	.83	.20	.04	999.60
54400.0	.0	54400.0	.0	.0	7434.5	.0	7101.2	1206.2	999.00
1.61	.00	7.32	.00	.000	.030	.000	.000	982.20	9476.36
.001746	150.	135.	120.	2	19	0	.00	1112.30	10588.65

*SECNO 6.690

6.690	9.78	991.98	988.54	991.98	992.63	.65	.17	.02	1000.00
54400.0	.0	54400.0	.0	.0	8436.5	.0	7124.0	1209.4	998.80
1.61	.00	6.45	.00	.000	.030	.000	.000	982.20	9462.53
.001144	145.	125.	100.	2	19	0	.00	1112.59	10575.13

*SECNO 6.710

3265 DIVIDED FLOW

6.710	10.61	992.11	988.17	992.11	992.76	.65	.14	.00	1000.30
54400.0	.0	54400.0	.0	.0	8414.0	.0	7148.1	1212.5	999.10
1.62	.00	6.47	.00	.000	.030	.000	.000	981.50	9463.26
.001026	130.	125.	115.	2	19	0	.00	1013.34	10574.14

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   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS      L-BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA        R-BANK ELEV
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN      SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID     ENDST

*SECNO 6.730
     6.730      9.90     992.30     988.46     992.30     992.88        .58        .11        .01    1000.50
   54400.0        .0    54400.0        .0        .0     8908.1         .0     7170.0     1215.2     999.30
      1.62       .00       6.11       .00       .000       .030       .000       .000     982.40    9461.58
   .000954      110.       110.      110.          2         11          0        .00    1112.35   10573.93

*SECNO 6.770

3301 HV CHANGED MORE THAN HVINS

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .39

     6.770      6.78     991.88     991.55     991.88     993.71       1.83        .46        .38    1002.10
   54400.0        .0    54400.0        .0        .0     5009.6         .0     7206.7     1221.0    1001.40
      1.63       .00      10.86       .00       .000       .030       .000       .000     985.10    9457.39
   .006409      215.       230.      245.          3         14          0        .00    1102.91   10560.30

*SECNO 6.790

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

     6.790      8.63     992.93     991.50     992.93     994.26       1.33        .49        .05    1002.90
   54400.0        .0    54400.0        .0        .0     5885.7         .0     7220.5     1223.7    1002.20
      1.63       .00       9.24       .00       .000       .030       .000       .000     984.30    9456.73
   .003311      110.       110.      110.          3          8          0        .00    1001.19   10561.16

*SECNO 6.820
     6.820      8.93     993.73     991.24     993.73     994.58        .85        .27        .05    1002.70
   54400.0        .0    54400.0        .0        .0     7358.7         .0     7238.0     1226.5    1001.00
      1.64       .00       7.39       .00       .000       .030       .000       .000     984.80    9457.95
   .001788      115.       115.      115.          2         19          0        .00    1106.10   10564.05

*SECNO 6.890
```

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .54

6.890	4.78	994.18	993.79	994.18	995.96	1.79	1.11	.28	1004.20
54400.0	.0	54400.0	.0	.0	5071.2	.0	7290.1	1235.7	1002.70
1.65	.00	10.73	.00	.000	.030	.000	.000	989.40	9454.42
.006210	365.	365.	365.	3	8	0	.00	1110.40	10564.82

*SECNO 6.910

3265 DIVIDED FLOW

6.910	5.31	994.81	994.32	994.81	996.62	1.81	.65	.01	1002.80
54400.0	.0	54400.0	.0	.0	5036.9	.0	7302.8	1238.4	1002.70
1.65	.00	10.80	.00	.000	.030	.000	.000	989.50	9443.21
.005685	105.	110.	115.	2	5	0	.00	1018.43	10568.00

*SECNO 6.930

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.58

6.930	6.21	996.11	994.12	996.11	997.07	.96	.36	.09	1004.80
54400.0	.0	54400.0	.0	.0	6915.7	.0	7317.2	1241.0	1003.90
1.65	.00	7.87	.00	.000	.030	.000	.000	989.90	9432.07
.002268	105.	105.	105.	3	15	0	.00	1131.93	10564.01

*SECNO 6.970

6.970	6.23	996.63	994.68	996.63	997.59	.96	.52	.00	1004.20
54400.0	.0	54400.0	.0	.0	6931.4	.0	7353.8	1247.0	1004.60
1.66	.00	7.85	.00	.000	.030	.000	.000	990.40	9415.89
.002278	220.	230.	240.	2	14	0	.00	1143.00	10558.89

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6.990

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

6.990	6.39	996.59	995.55	996.59	998.05	1.46	.31	.15	1003.40
54400.0	.0	54400.0	.0	.0	5603.4	.0	7368.9	1249.7	1003.50
1.66	.00	9.71	.00	.000	.030	.000	.000	990.20	9419.31
.004061	95.	105.	115.	2	15	0	.00	1032.44	10549.14

*SECNO 7.020

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.54

7.020	8.51	997.61	995.04	997.61	998.43	.82	.31	.06	1004.50
54400.0	.0	54400.0	.0	.0	7493.2	.0	7387.7	1252.7	1004.00
1.67	.00	7.26	.00	.000	.030	.000	.000	989.10	9444.65
.001702	120.	125.	130.	3	11	0	.00	1115.41	10560.07

*SECNO 7.060

7.060	8.36	997.96	995.68	997.96	998.88	.91	.41	.03	1006.00
54400.0	.0	54400.0	.0	.0	7090.4	.0	7425.4	1258.4	1004.80
1.68	.00	7.67	.00	.000	.030	.000	.000	989.60	9457.82
.001990	210.	225.	235.	2	19	0	.00	1092.76	10550.58

*SECNO 7.080

3265 DIVIDED FLOW

7.080	7.58	998.08	996.04	998.08	999.17	1.09	.24	.05	1006.60
54400.0	.0	54400.0	.0	.0	6502.9	.0	7442.5	1261.1	1005.60
1.68	.00	8.37	.00	.000	.030	.000	.000	990.50	9466.81
.002371	110.	110.	110.	2	14	0	.00	998.41	10554.88

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7.100

7.100	7.45	998.35	996.82	998.35	999.52	1.18	.33	.03	1006.30
54400.0	.0	54400.0	.0	.0	6250.8	.0	7460.8	1264.1	1006.10
1.68	.00	8.70	.00	.000	.030	.000	.000	990.90	9451.71
.002994	125.	125.	125.	0	15	0	.00	1082.37	10534.08

*SECNO 7.200

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.45

7.200	9.10	999.80	996.77	999.80	1000.56	.76	.99	.04	1006.90
54400.0	.0	54400.0	.0	.0	7770.1	.0	7541.3	1276.4	1007.20
1.70	.00	7.00	.00	.000	.030	.000	.000	990.70	9482.05
.001417	515.	500.	490.	2	15	0	.00	1063.27	10545.31

*SECNO 7.290

7.290	7.28	1000.48	998.55	1000.48	1001.57	1.08	.91	.10	1008.90
54400.0	.0	54400.0	.0	.0	6508.4	.0	7623.2	1288.3	1009.10
1.72	.00	8.36	.00	.000	.030	.000	.000	993.20	9483.22
.002423	490.	500.	510.	2	11	0	.00	1022.39	10505.61

*SECNO 7.390

7.390	7.89	1001.69	999.05	1001.69	1002.60	.91	1.02	.02	1008.80
54400.0	.0	54400.0	.0	.0	7105.8	.0	7700.6	1299.9	1009.90
1.74	.00	7.66	.00	.000	.030	.000	.000	993.80	9507.39
.001762	500.	495.	495.	2	19	0	.00	1002.00	10509.40

*SECNO 7.490

7.490	7.39	1002.59	1000.13	1002.59	1003.57	.98	.95	.02	1009.50
54400.0	.0	54400.0	.0	.0	6846.1	.0	7783.1	1311.6	1010.90
1.76	.00	7.95	.00	.000	.030	.000	.000	995.20	9517.21
.001936	575.	515.	515.	2	14	0	.00	979.92	10497.13

*SECNO 7.580

7.580	8.15	1003.55	1000.36	1003.55	1004.38	.83	.79	.02	1010.30
54400.0	.0	54400.0	.0	.0	7454.1	.0	7861.8	1322.3	1010.90
1.77	.00	7.30	.00	.000	.030	.000	.000	995.40	9517.08
.001426	540.	480.	405.	2	14	0	.00	965.56	10482.64

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7.670

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.48

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1009.90 ELREA= 1010.10

7.670	10.09	1004.39	999.25	1004.39	1004.89	.50	.47	.03	1009.90
54400.0	.0	54400.0	.0	.0	9607.4	.0	7961.7	1333.9	1010.10
1.80	.00	5.66	.00	.000	.030	.000	.000	994.30	9521.35
.000653	480.	510.	530.	1	14	0	.00	1010.05	10531.40

*SECNO 7.770

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1010.50 ELREA= 1010.90

7.770	8.58	1004.68	1001.05	1004.68	1005.37	.68	.42	.06	1010.50
54400.0	.0	54400.0	.0	.0	8203.9	.0	8063.9	1345.6	1010.90
1.82	.00	6.63	.00	.000	.030	.000	.000	996.10	9499.02
.001134	510.	500.	500.	2	8	0	.00	1031.78	10530.80

*SECNO 7.870

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1010.50 ELREA= 1013.10

7.870	7.88	1005.28	1002.02	1005.28	1005.96	.68	.59	.00	1010.50
54400.0	.0	54400.0	.0	.0	8245.7	.0	8158.4	1357.9	1013.10
1.84	.00	6.60	.00	.000	.030	.000	.000	997.40	9460.36
.001234	650.	500.	410.	2	11	0	.00	1113.52	10573.88

*SECNO 7.960

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1013.00 ELREA= 1012.40

7.960	7.37	1005.97	1002.61	1005.97	1006.50	.53	.53	.01	1013.00
54400.0	.0	54400.0	.0	.0	9308.8	.0	8253.1	1371.0	1012.40
1.86	.00	5.84	.00	.000	.030	.000	.000	998.60	9346.52
.001028	460.	470.	470.	2	8	0	.00	1315.04	10661.56

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 7.990

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=      1014.90 ELREA=      1014.80

   7.990      7.08   1006.18   1002.86   1006.18   1006.68       .50       .18       .00   1014.90
 54400.0        .0   54400.0       .0       .0    9569.4        .0    8291.0    1376.4   1014.80
    1.87       .00      5.68       .00      .000      .030      .000      .000    999.10   9318.01
 .001003      175.      175.      175.         1         8         0       .00   1385.60  10703.62


CCHV=     .300 CEHV=     .500
*SECNO 8.000

3370 NORMAL BRIDGE, NRD=  68 MIN ELTRD=  1021.30 MAX ELLC=  1013.30

          ******************************
          ***** INDIAN SCHOOL ROAD ****
          ***** LOW CHORD = 1013.3 ****
          ******************************
   8.000      6.98   1006.18   1003.12   1006.18   1006.80       .62       .06       .06   1013.30
 54400.0        .0   54400.0       .0       .0    8640.8        .0    8301.4    1378.0   1013.30
    1.88       .00      6.30       .00      .000      .030      .000      .000    999.20   9249.43
 .001515       50.       50.       50.         2        18         0  -1471.77   1461.69  10711.12


*SECNO 8.010

3370 NORMAL BRIDGE, NRD=  68 MIN ELTRD=  1021.30 MAX ELLC=  1013.30

   8.010      7.13   1006.33   1003.12   1006.33   1006.92       .59       .11       .01   1013.30
 54400.0        .0   54400.0       .0       .0    8818.5        .0    8316.5    1380.6   1013.30
    1.88       .00      6.17       .00      .000      .030      .000      .000    999.20   9249.15
 .001422       75.       75.       75.         2        18         0  -1501.83   1462.25  10711.40


CCHV=     .100 CEHV=     .300
*SECNO 8.030

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .70


3470 ENCROACHMENT STATIONS=     9440.0   10904.0  TYPE=      1  TARGET=     1464.000
   8.030      6.99   1006.19   1004.79   1006.19   1007.12       .93       .10       .10   1009.80
 54400.0        .0   54400.0       .0       .0    7047.5        .0    8325.6    1382.2   1013.00
    1.88       .00      7.72       .00      .000      .030      .000      .000    999.20   9451.49
 .002925       50.       50.       50.         2        15         0       .00   1436.45  10887.94
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8.105

3470 ENCROACHMENT STATIONS= 9470.0 10980.0 TYPE= 1 TARGET= 1510.000

8.105	6.88	1007.38	1005.40	1007.40	1008.08	.71	.95	.02	1001.80
54400.0	587.7	53812.3	.0	131.0	7957.7	.0	8394.5	1395.6	1014.40
1.90	4.49	6.76	.00	.040	.030	.000	.000	1000.50	9470.00
.001979	280.	398.	620.	2	19	0	.00	1500.65	10970.65

*SECNO 8.198

3470 ENCROACHMENT STATIONS= 9458.6 10971.1 TYPE= 1 TARGET= 1512.500

8.198	6.85	1008.35	1006.43	1008.29	1009.08	.72	.99	.01	1014.90
54400.0	.0	54400.0	.0	.0	7966.1	.0	8484.7	1412.4	1015.80
1.92	.00	6.83	.00	.000	.030	.000	.000	1001.50	9470.38
.002047	420.	490.	620.	2	19	0	.00	1493.46	10963.84

*SECNO 8.325

3470 ENCROACHMENT STATIONS= 9480.0 10990.0 TYPE= 1 TARGET= 1510.000

8.325	7.92	1010.02	1008.37	1010.00	1010.82	.80	1.72	.02	1013.10
54400.0	.0	53159.9	1240.1	.0	7384.9	208.5	8604.3	1435.5	1004.70
1.94	.00	7.20	5.95	.000	.035	.040	.000	1002.10	9483.48
.003335	645.	669.	705.	2	15	0	.00	1506.52	10990.00

*SECNO 8.433

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9250.0 10975.0 TYPE= 1 TARGET= 1725.000

8.433	7.09	1012.09	1011.31	1011.98	1013.44	1.34	2.45	.16	1010.00
54400.0	6917.6	47237.7	244.7	1107.3	4875.5	104.2	8693.7	1454.7	1013.80
1.96	6.25	9.69	2.35	.040	.035	.040	.000	1005.00	9250.00
.005770	510.	573.	660.	2	15	0	.00	1418.65	10975.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8.534
3280 CROSS SECTION 8.53 EXTENDED 1.92 FEET

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9010.0 10965.0 TYPE= 1 TARGET= 1955.000

8.534	7.32	1015.12	1013.53	1014.38	1015.74	.62	2.23	.07	1013.00
54400.0	1208.2	43160.6	10031.2	235.1	6740.0	1685.1	8783.6	1475.2	1012.20
1.98	5.14	6.40	5.95	.040	.035	.040	.000	1007.80	9010.00
.003190	540.	531.	525.	2	15	0	.00	1955.00	10965.00

*SECNO 8.646

3470 ENCROACHMENT STATIONS= 9050.0 10990.0 TYPE= 1 TARGET= 1940.000

8.646	8.89	1016.69	1014.50	1015.75	1017.20	.51	1.44	.01	1013.00
54400.0	4584.7	45663.8	4151.5	1011.1	7645.8	1196.5	8909.4	1501.7	1014.60
2.01	4.53	5.97	3.47	.040	.035	.040	.000	1007.80	9050.00
.001927	575.	592.	600.	3	15	0	.00	1940.00	10990.00

*SECNO 8.768

3470 ENCROACHMENT STATIONS= 9275.0 11105.0 TYPE= 1 TARGET= 1830.000

8.768	9.72	1018.12	1017.08	1017.26	1018.93	.81	1.64	.09	1014.30
54400.0	10567.3	26445.2	17387.5	1544.3	3136.5	3374.6	9040.6	1529.3	1015.80
2.04	6.84	8.43	5.15	.040	.035	.040	.000	1008.40	9275.00
.003598	620.	642.	640.	2	6	0	.00	1830.00	11105.00

*SECNO 8.875

3470 ENCROACHMENT STATIONS= 9525.0 11295.0 TYPE= 1 TARGET= 1770.000

8.875	10.91	1020.01	1018.93	1019.52	1020.92	.91	1.96	.03	1016.30
54400.0	4285.3	39270.2	10844.5	616.3	4682.5	2508.8	9141.3	1551.9	1017.30
2.06	6.95	8.39	4.32	.040	.035	.040	.000	1009.10	9525.00
.003446	570.	565.	530.	2	5	0	.00	1770.00	11295.00

*SECNO 8.992

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.54

3470 ENCROACHMENT STATIONS= 9770.0 11465.0 TYPE= 1 TARGET= 1695.000

8.992	13.71	1021.81	1018.90	1021.34	1022.26	.45	1.29	.05	1017.80
54400.0	580.6	53777.5	41.9	180.2	9992.9	18.8	9265.3	1575.1	1019.00
2.09	3.22	5.38	2.23	.040	.035	.040	.000	1008.10	9770.00
.001450	660.	620.	470.	2	6	0	.00	1695.00	11465.00

*SECNO 9.098

3470 ENCROACHMENT STATIONS= 9820.0 11560.0 TYPE= 1 TARGET= 1740.000

9.098	12.71	1022.61	1019.39	1022.22	1022.98	.38	.72	.01	1015.80
54400.0	7.6	54322.8	69.6	6.5	10997.0	32.5	9402.1	1597.2	1017.90
2.12	1.16	4.94	2.14	.040	.035	.040	.000	1009.90	9820.00
.001146	630.	562.	235.	2	18	0	.00	1739.29	11559.29

CCHV= .300 CEHV= .500
*SECNO 9.177

3470 ENCROACHMENT STATIONS= 9836.0 11608.0 TYPE= 1 TARGET= 1772.000

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***** CAMELBACK ROAD ********
***** LOW CHORD = 1027.5 ****
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9.177	12.71	1023.11	1020.28	1022.82	1023.55	.44	.54	.03	1023.70
54400.0	.0	54400.0	.0	.0	10173.4	.0	9503.3	1613.6	1024.70
2.14	.00	5.35	.00	.000	.035	.000	.000	1010.40	9884.36
.001458	460.	416.	220.	2	14	0	.00	1695.44	11579.81

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	1650.00	84.00	18351.47	3.00	1016.00	1016.00

*SECNO 9.191
BTCARD, BRIDGE STENCL= 9850.00 STENCR= 11610.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CLASS A LOW FLOW

3420 BRIDGE W.S.= 1023.07 BRIDGE VELOCITY= 4.85 CALCULATED CHANNEL AREA= 11221.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1023.59	.05	0.	54400.	18351.	25492.	1031.80	1034.20	0.

3470 ENCROACHMENT STATIONS= 9850.0 11610.0 TYPE= 1 TARGET= 1760.000

9.191	12.46	1023.16	.00	1022.88	1023.59	.43	.03	.00	1032.50
54400.0	.0	54400.0	.0	.0	10367.1	.0	9517.5	1615.9	1032.30
2.15	.00	5.25	.00	.000	.035	.000	.000	1010.70	9887.20
.001361	60.	60.	60.	0	0	0	.00	1687.96	11575.16

*SECNO 9.198
30 CROSS SECTION 9.20 EXTENDED 5.60 FEET

3470 ENCROACHMENT STATIONS= 9862.4 11582.2 TYPE= 1 TARGET= 1719.800

9.198	12.09	1023.19	1020.53	1022.92	1023.66	.47	.05	.02	1022.50
54400.0	.4	54399.6	.0	.7	9883.7	.0	9525.4	1617.2	1024.10
2.15	.57	5.50	.00	.050	.035	.000	.000	1011.10	9883.69
.001601	34.	34.	34.	1	14	0	.00	1694.50	11578.19

*SECNO 9.266

3470 ENCROACHMENT STATIONS= 9725.0 11620.0 TYPE= 1 TARGET= 1895.000

9.266	10.11	1023.81	1021.36	1023.69	1024.26	.45	.60	.01	1022.10
54400.0	1.3	54318.1	80.6	1.5	10054.9	37.5	9607.7	1632.0	1021.50
2.17	.87	5.40	2.15	.050	.035	.050	.000	1013.70	9725.00
.001735	355.	359.	340.	2	14	0	.00	1895.00	11620.00

CCHV= .100 CEHV= .300
*SECNO 9.343

3470 ENCROACHMENT STATIONS= 9618.0 11470.0 TYPE= 1 TARGET= 1852.000

9.343	10.12	1024.52	1022.12	1024.39	1025.04	.52	.76	.02	1022.60
54400.0	1.1	54306.0	93.0	1.2	9357.3	76.5	9699.0	1649.5	1023.70
2.19	.86	5.80	1.22	.050	.035	.050	.000	1014.40	9618.00
.002015	400.	407.	420.	2	19	0	.00	1852.00	11470.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9.435

3470 ENCROACHMENT STATIONS= 9548.0 11200.0 TYPE= 1 TARGET= 1652.000

9.435	10.26	1025.46	1022.98	1025.38	1026.03	.57	.97	.01	1025.00
54400.0	.2	54399.8	.0	.4	8993.0	.0	9801.0	1668.6	1025.80
2.21	.59	6.05	.00	.050	.035	.000	.000	1015.20	9548.00
.002023	475.	482.	495.	2	19	0	.00	1593.80	11141.80

*SECNO 9.519

3470 ENCROACHMENT STATIONS= 9500.0 11160.0 TYPE= 1 TARGET= 1660.000

9.519	10.09	1026.39	1024.47	1026.33	1027.05	.66	1.00	.03	1025.30
54400.0	69.9	53835.8	494.3	40.2	8229.7	222.3	9890.5	1685.3	1024.80
2.23	1.74	6.54	2.22	.050	.035	.050	.000	1016.30	9500.00
.002474	450.	446.	445.	2	14	0	.00	1660.00	11160.00

*SECNO 9.605

3470 ENCROACHMENT STATIONS= 9510.0 11140.0 TYPE= 1 TARGET= 1630.000

9.605	8.80	1027.50	1025.29	1027.42	1028.15	.65	1.09	.00	1026.20
54400.0	46.5	54097.6	255.9	26.2	8324.4	154.4	9978.9	1702.4	1026.70
2.25	1.78	6.50	1.66	.050	.035	.050	.000	1018.70	9510.00
.002358	450.	453.	455.	2	23	0	.00	1630.00	11140.00

*SECNO 9.696

3470 ENCROACHMENT STATIONS= 9570.0 11080.0 TYPE= 1 TARGET= 1510.000

9.696	10.06	1028.76	1027.32	1028.72	1029.68	.92	1.45	.08	1026.20
54400.0	579.8	53587.2	232.9	133.1	6916.4	106.8	10065.9	1719.7	1026.90
2.26	4.36	7.75	2.18	.050	.035	.050	.000	1018.70	9570.00
.003944	530.	484.	430.	2	8	0	.00	1510.00	11080.00

*SECNO 9.790

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9525.0 10924.0 TYPE= 1 TARGET= 1399.000

9.790	10.99	1030.49	1026.85	1029.58	1030.73	.24	.98	.07	1029.10
30000.0	77.6	29922.2	.2	60.0	7667.6	.4	10150.1	1736.1	1029.40
2.30	1.29	3.90	.38	.050	.035	.050	.000	1019.50	9525.00
.000850	570.	493.	365.	2	19	0	.00	1399.00	10924.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9.885

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .62

3470 ENCROACHMENT STATIONS= 9325.0 10725.0 TYPE= 1 TARGET= 1400.000

9.885	9.92	1031.02	1029.21	1030.38	1031.44	.42	.65	.05	1031.30
30000.0	.0	29968.7	31.3	.0	5776.6	21.2	10228.3	1752.3	1029.90
2.33	.00	5.19	1.48	.000	.035	.050	.000	1021.10	9328.83
.002211	520.	504.	460.	2	13	0	.00	1396.17	10725.00

*SECNO 9.981
3280 CROSS SECTION 9.98 EXTENDED .13 FEET

3470 ENCROACHMENT STATIONS= 9288.0 10610.0 TYPE= 1 TARGET= 1322.000

9.981	9.33	1032.13	1029.95	1031.70	1032.60	.47	1.15	.01	1033.50
30000.0	.0	29542.6	457.4	.0	5358.5	185.2	10293.6	1767.8	1029.70
2.35	.00	5.51	2.47	.000	.035	.050	.000	1022.80	9303.75
.002361	620.	504.	380.	2	19	0	.00	1306.25	10610.00

*SECNO 10.071
3280 CROSS SECTION 10.07 EXTENDED 1.05 FEET

3470 ENCROACHMENT STATIONS= 9289.0 10520.0 TYPE= 1 TARGET= 1231.000

10.071	8.36	1033.26	1031.18	1032.83	1033.74	.49	1.14	.01	1032.60
30000.0	.3	29967.4	32.4	.4	5342.7	16.5	10352.8	1781.5	1031.50
2.37	.67	5.61	1.96	.050	.035	.050	.000	1024.90	9289.00
.002442	625.	475.	355.	1	14	0	.00	1231.00	10520.00

*SECNO 10.167
3280 CROSS SECTION 10.17 EXTENDED 1.13 FEET

3470 ENCROACHMENT STATIONS= 9390.0 10380.0 TYPE= 1 TARGET= 990.000

10.167	10.93	1034.23	1031.31	1033.82	1034.68	.45	.93	.00	1033.50
30000.0	15.0	29353.0	632.0	16.8	5406.6	294.1	10417.5	1794.4	1031.00
2.40	.90	5.43	2.15	.050	.035	.050	.000	1023.30	9390.00
.001410	575.	512.	400.	2	10	0	.00	990.00	10380.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10.265
3280 CROSS SECTION 10.27 EXTENDED .43 FEET

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .62

3470 ENCROACHMENT STATIONS= 9620.0 10360.0 TYPE= 1 TARGET= 740.000

10.265	8.42	1034.82	1033.09	1034.48	1035.99	1.16	1.10	.21	1032.90
30000.0	435.5	29396.5	168.0	181.6	3364.7	92.3	10472.0	1804.3	1033.70
2.42	2.40	8.74	1.82	.050	.035	.050	.000	1026.40	9620.00
.003644	515.	512.	400.	2	14	0	.00	740.00	10360.00

*SECNO 10.343
3280 CROSS SECTION 10.34 EXTENDED 1.37 FEET

3470 ENCROACHMENT STATIONS= 9750.0 10340.0 TYPE= 1 TARGET= 590.000

10.343	9.97	1036.67	1034.54	1036.59	1037.75	1.09	1.76	.01	1032.90
30000.0	893.3	29030.8	75.8	159.7	3438.2	40.4	10506.2	1810.4	1035.20
2.43	5.59	8.44	1.88	.050	.045	.050	.000	1026.70	9750.00
.005106	395.	411.	295.	3	11	0	.00	590.00	10340.00

*SECNO 10.442
3280 CROSS SECTION 10.44 EXTENDED 2.23 FEET

3470 ENCROACHMENT STATIONS= 9625.0 10380.0 TYPE= 1 TARGET= 755.000

10.442	9.74	1039.14	1036.07	1038.52	1039.73	.60	1.93	.05	1041.90
30000.0	.0	29773.2	226.8	.0	4792.8	93.4	10557.6	1818.4	1037.30
2.46	.00	6.21	2.43	.000	.045	.050	.000	1029.40	9631.21
.002755	465.	528.	455.	2	19	0	.00	748.79	10380.00

*SECNO 10.538
3280 CROSS SECTION 10.54 EXTENDED 3.60 FEET

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.41

3470 ENCROACHMENT STATIONS= 9540.0 10480.0 TYPE= 1 TARGET= 940.000

10.538	9.70	1040.40	1036.43	1039.65	1040.72	.32	.96	.03	1035.00
30000.0	794.2	29200.3	5.6	220.1	6428.8	4.8	10624.4	1828.2	1037.90
2.49	3.61	4.54	1.16	.050	.045	.050	.000	1030.70	9540.00
.001386	460.	505.	530.	2	14	0	.00	940.00	10480.00

*SECNO 10.632
3280 CROSS SECTION 10.63 EXTENDED 1.10 FEET

3470 ENCROACHMENT STATIONS= 9445.0 10430.0 TYPE= 1 TARGET= 985.000

10.632	9.40	1041.10	1037.27	1040.50	1041.44	.34	.72	.01	1038.20
30000.0	404.2	29479.3	116.5	187.4	6263.1	62.5	10699.3	1839.1	1039.30
2.52	2.16	4.71	1.86	.050	.045	.050	.000	1031.70	9445.00
.001506	465.	496.	510.	2	11	0	.00	985.00	10430.00

*SECNO 10.752

3470 ENCROACHMENT STATIONS= 9480.0 10329.9 TYPE= 1 TARGET= 849.900

10.752	10.83	1042.13	1038.50	1041.82	1042.71	.57	1.20	.07	1041.00
30000.0	413.7	29586.3	.0	230.4	4834.3	.0	10782.7	1852.3	1042.80
2.54	1.80	6.12	.00	.050	.045	.000	.000	1031.30	9480.00
.002499	605.	629.	630.	2	15	0	.00	847.33	10327.33

*SECNO 10.846
3280 CROSS SECTION 10.85 EXTENDED 1.14 FEET

3470 ENCROACHMENT STATIONS= 9580.0 10310.0 TYPE= 1 TARGET= 730.000

10.846	11.74	1043.34	1039.89	1043.16	1043.97	.63	1.24	.02	1039.00
30000.0	1722.9	28276.4	.7	527.2	4355.5	.9	10840.0	1861.4	1042.90
2.57	3.27	6.49	.78	.050	.045	.050	.000	1031.60	9580.00
.002471	510.	501.	480.	2	15	0	.00	730.00	10310.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10.942

3470 ENCROACHMENT STATIONS= 9570.0 10380.0 TYPE= 1 TARGET= 810.000

10.942	10.33	1044.53	1040.07	1044.33	1044.95	.42	.96	.02	1041.00
30000.0	449.6	29549.7	.7	249.7	5634.4	1.7	10902.6	1870.5	1042.10
2.59	1.80	5.24	.40	.050	.045	.095	.000	1034.20	9570.00
.001499	550.	504.	450.	2	8	0	.00	810.00	10380.00

*SECNO 11.029

3470 ENCROACHMENT STATIONS= 9480.0 10410.0 TYPE= 1 TARGET= 930.000

11.029	10.59	1045.29	1041.21	1045.09	1045.63	.34	.67	.01	1045.10
30000.0	.5	29983.2	16.3	2.1	6426.8	17.4	10967.8	1879.6	1042.30
2.62	.24	4.67	.93	.050	.045	.095	.000	1034.70	9491.23
.001437	485.	460.	415.	2	14	0	.00	918.77	10410.00

*SECNO 11.128

3470 ENCROACHMENT STATIONS= 9430.0 10325.0 TYPE= 1 TARGET= 895.000

11.128	10.71	1046.11	1042.51	1045.95	1046.49	.38	.84	.01	1038.70
30000.0	2676.1	27323.9	.1	603.1	5458.8	.3	11043.2	1890.6	1045.40
2.65	4.44	5.01	.27	.050	.045	.095	.000	1035.40	9430.00
.001808	535.	525.	500.	2	23	0	.00	895.00	10325.00

*SECNO 11.224

3470 ENCROACHMENT STATIONS= 9450.0 10262.0 TYPE= 1 TARGET= 812.000

11.224	8.96	1047.06	1043.75	1046.82	1047.54	.48	1.02	.03	1041.90
30000.0	5539.1	24460.8	.1	1179.4	4270.9	.3	11109.4	1900.4	1046.50
2.68	4.70	5.73	.31	.050	.045	.095	.000	1038.10	9450.00
.002306	470.	507.	535.	2	11	0	.00	812.00	10262.00

*SECNO 11.325

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .52

3470 ENCROACHMENT STATIONS= 9570.0 10190.0 TYPE= 1 TARGET= 620.000

11.325	8.93	1048.33	1047.22	1048.30	1050.00	1.66	2.10	.36	1048.20
30000.0	854.3	29116.3	29.4	204.2	2779.0	14.5	11160.2	1908.6	1046.20
2.69	4.18	10.48	2.03	.050	.045	.095	.000	1039.40	9570.00
.008564	480.	532.	575.	2	11	0	.00	563.51	10190.00

CCHV= .300 CEHV= .500
*SECNO 11.410

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.60

3470 ENCROACHMENT STATIONS= 9640.0 10253.1 TYPE= 1 TARGET= 613.100

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***** GLENDALE ROAD *********
***** LOW CHORD = 1057.5 ****
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11.410	9.93	1051.73	1048.76	1051.71	1052.54	.81	2.29	.26	1056.60
30000.0	.0	29914.1	85.9	.0	4140.8	41.0	11197.2	1914.4	1045.50
2.71	.00	7.22	2.10	.000	.045	.095	.000	1041.80	9650.61
.003366	330.	451.	580.	3	15	0	.00	577.38	10228.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	535.00	15.00	7069.00	1.50	1044.40	1044.40

*SECNO 11.428
BTCARD, BRIDGE STENCL= 9600.00 STENCR= 10253.10

3301 HV CHANGED MORE THAN HVINS

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CLASS A LOW FLOW

3420 BRIDGE W.S.= 1051.67 BRIDGE VELOCITY= 7.78 CALCULATED CHANNEL AREA= 3858.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1053.13	.07	0.	30000.	7069.	7069.	1057.50	1065.40	0.

3470 ENCROACHMENT STATIONS= 9600.0 10253.1 TYPE= 1 TARGET= 653.100

11.428	10.00	1051.80	.00	1051.78	1053.13	1.33	.59	.00	1049.80
30000.0	1040.3	28959.7	.0	336.6	3086.1	.0	11209.8	1916.3	1060.10
2.71	3.09	9.38	.00	.050	.045	.000	.000	1041.80	9625.36
.004951	145.	145.	145.	0	0	0	.00	566.55	10191.91

*SECNO 11.460

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9530.0 10194.0 TYPE= 1 TARGET= 664.000

11.460	25.06	1052.26	1050.78	1052.25	1054.24	1.98	.78	.33	1052.00
34500.0	726.6	33772.2	1.3	648.9	2958.3	1.6	11223.3	1918.6	1046.80
2.72	1.12	11.42	.78	.150	.035	.055	.000	1027.20	9530.00
.004466	165.	167.	165.	2	21	0	.00	664.00	10194.00

*SECNO 11.557

3470 ENCROACHMENT STATIONS= 9200.0 10101.0 TYPE= 1 TARGET= 901.000

11.557	31.61	1054.41	1053.47	1054.44	1056.83	2.42	2.37	.22	1051.20
34500.0	5518.2	28981.8	.0	2998.2	2129.4	.0	11274.5	1927.7	1058.90
2.73	1.84	13.61	.00	.150	.035	.000	.000	1022.80	9200.00
.004827	510.	511.	510.	2	11	0	.00	892.06	10092.06

*SECNO 11.653

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 8800.0 10123.0 TYPE= 1 TARGET= 1323.000

11.653	35.43	1057.53	1055.68	1057.21	1058.99	1.46	1.87	.29	1057.30
34500.0	8506.7	25993.3	.0	5386.1	2335.2	.0	11349.6	1940.6	1058.00
2.74	1.58	11.13	.00	.150	.035	.000	.000	1022.10	8800.00
.002890	510.	509.	510.	3	9	0	.00	1303.70	10121.09

*SECNO 11.750

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8400.0 10170.0 TYPE= 1 TARGET= 1770.000

11.750	36.99	1058.89	1057.67	1058.46	1060.80	1.92	1.58	.23	1061.00
34500.0	6347.6	28056.8	95.6	4531.1	2281.1	45.9	11435.0	1958.0	1056.10
2.76	1.40	12.30	2.08	.150	.035	.055	.000	1021.90	8400.00
.003331	510.	511.	510.	2	5	0	.00	1668.06	10137.88

*SECNO 11.847

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 8000.0 10173.0 TYPE= 1 TARGET= 2173.000

11.847	40.84	1061.14	1058.84	1060.95	1062.27	1.13	1.23	.24	1063.40
34500.0	8767.1	25297.4	435.5	7738.2	2551.3	137.4	11536.3	1980.3	1052.10
2.78	1.13	9.92	3.17	.150	.035	.055	.000	1020.30	8000.00
.001815	510.	512.	510.	3	9	0	.00	2138.41	10148.90

*SECNO 11.900

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 7750.0 10198.5 TYPE= 1 TARGET= 2448.500

11.900	16.18	1061.38	1060.10	1061.12	1063.33	1.95	.65	.41	1064.40
34500.0	4359.7	29663.4	476.9	4015.5	2457.2	167.6	11598.8	1995.8	1058.50
2.78	1.09	12.07	2.85	.150	.035	.055	.000	1045.20	7750.00
.002925	340.	273.	275.	2	21	0	.00	1934.89	10158.38

*SECNO 11.943

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 7650.0 10182.0 TYPE= 1 TARGET= 2532.000

11.943	33.70	1063.10	1060.85	1062.73	1064.09	1.00	.48	.29	1067.50
34500.0	10343.2	23770.4	386.4	9063.8	2473.8	129.1	11635.5	2003.6	1054.60
2.79	1.14	9.61	2.99	.150	.035	.055	.000	1029.40	7650.00
.001711	150.	236.	235.	4	29	0	.00	2303.78	10123.18

*SECNO 12.042

3470 ENCROACHMENT STATIONS= 7400.0 10165.0 TYPE= 1 TARGET= 2765.000

12.042	15.99	1064.49	1061.85	1063.97	1065.00	.51	.76	.15	1063.00
34500.0	17607.0	16837.5	55.5	14893.5	2083.6	49.3	11801.3	2032.5	1062.00
2.82	1.18	8.08	1.13	.150	.035	.055	.000	1048.50	7400.00
.001297	500.	520.	540.	2	17	0	.00	2709.49	10109.49

*SECNO 12.141

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7200.0 10080.0 TYPE= 1 TARGET= 2880.000

12.141	16.03	1065.33	1061.92	1064.63	1065.67	.34	.62	.05	1062.90
34500.0	20856.3	13643.7	.0	17729.8	1861.4	.0	12016.4	2064.9	1066.00
2.86	1.18	7.33	.00	.150	.035	.000	.000	1049.30	7200.00
.001115	510.	526.	535.	2	13	0	.00	2821.55	10074.66

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12.247

3470 ENCROACHMENT STATIONS= 7300.0 10086.0 TYPE= 1 TARGET= 2786.000

12.247	15.32	1066.02	1062.17	1065.21	1066.25	.23	.55	.03	1062.60
34500.0	22122.8	12377.2	.0	19066.0	1973.4	.0	12256.5	2097.9	1066.00
2.91	1.16	6.27	.01	.150	.035	.000	.000	1050.70	7300.00
.000963	510.	560.	565.	2	14	0	.00	2786.00	10086.00

*SECNO 12.359

3470 ENCROACHMENT STATIONS= 7600.0 10100.0 TYPE= 1 TARGET= 2500.000

12.359	14.68	1066.38	1060.94	1065.56	1066.62	.23	.37	.00	1065.30
34500.0	12696.4	21268.7	534.8	15167.8	4353.0	236.1	12497.1	2128.9	1054.70
2.96	.84	4.89	2.26	.150	.035	.055	.000	1051.70	7600.00
.000499	500.	586.	580.	2	14	0	.00	2500.00	10100.00

*SECNO 12.420

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 7850.0 10200.0 TYPE= 1 TARGET= 2350.000

12.420	12.62	1066.62	1059.42	1065.74	1066.76	.14	.12	.03	1065.10
34500.0	2222.2	31950.7	327.0	4471.1	10101.5	304.3	12634.6	2148.5	1065.20
2.99	.50	3.16	1.07	.150	.035	.055	.000	1054.00	7850.00
.000288	380.	302.	270.	0	18	0	.00	2343.27	10200.00

CCHV= .100 CEHV= .300
*SECNO 12.470

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8000.0 10300.0 TYPE= 1 TARGET= 2300.000

12.470	11.79	1066.69	1062.23	1065.84	1066.86	.17	.09	.01	1064.00
34500.0	7737.4	26752.5	10.1	3908.4	7330.1	9.4	12708.6	2161.0	1064.00
3.01	1.98	3.65	1.07	.045	.035	.040	.000	1054.90	8000.00
.000466	230.	255.	240.	2	11	0	.00	2146.98	10300.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12.529

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8200.0 10393.3 TYPE= 1 TARGET= 2193.300

12.529	10.71	1066.81	1062.09	1065.99	1067.03	.22	.16	.01	1062.10
34500.0	5625.3	28708.6	166.1	2852.5	7066.9	93.4	12782.4	2173.2	1060.50
3.03	1.97	4.06	1.78	.045	.035	.040	.000	1056.10	8200.00
.000510	210.	345.	390.	0	8	0	.00	1777.18	10391.92

*SECNO 12.630

3470 ENCROACHMENT STATIONS= 9080.0 10500.0 TYPE= 1 TARGET= 1420.000

12.630	11.13	1067.03	1063.09	1066.35	1067.47	.44	.37	.07	1061.30
34500.0	115.9	32568.8	1815.3	81.7	6010.5	529.0	12883.8	2189.6	1061.90
3.06	1.42	5.42	3.43	.045	.035	.040	.000	1055.90	9561.76
.001029	520.	533.	550.	2	19	0	.00	938.24	10500.00

*SECNO 12.725

3470 ENCROACHMENT STATIONS= 9550.0 10530.0 TYPE= 1 TARGET= 980.000

12.725	20.75	1067.55	1064.37	1066.71	1068.12	.57	.61	.04	1065.40
34500.0	43.3	32677.7	1778.9	32.6	5305.3	504.5	12955.0	2200.0	1063.30
3.08	1.33	6.16	3.53	.045	.035	.040	.000	1046.80	9651.72
.001479	530.	500.	470.	2	21	0	.00	878.28	10530.00

*SECNO 12.816

3470 ENCROACHMENT STATIONS= 9750.0 10488.0 TYPE= 1 TARGET= 738.000

12.816	26.61	1068.21	1065.41	1067.59	1069.03	.82	.83	.08	1063.60
34500.0	48.5	32906.3	1545.2	20.1	4458.5	370.7	13013.7	2208.7	1064.10
3.10	2.41	7.38	4.17	.045	.035	.040	.000	1041.60	9772.48
.002068	520.	482.	440.	2	12	0	.00	702.66	10475.14

*SECNO 12.913

3470 ENCROACHMENT STATIONS= 9704.0 10318.0 TYPE= 1 TARGET= 614.000

12.913	29.56	1069.26	1066.84	1068.99	1070.37	1.11	1.26	.09	1071.20
34500.0	.0	34326.5	173.5	.0	4052.6	45.2	13066.5	2216.3	1063.70
3.12	.00	8.47	3.84	.000	.035	.040	.000	1039.70	9712.23
.002943	510.	513.	535.	2	9	0	.00	589.71	10301.94

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 13.007

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9767.0 10239.0 TYPE= 1 TARGET= 472.000

13.007	8.54	1070.54	1068.71	1070.43	1072.27	1.73	1.71	.19	1072.30
34500.0	.0	33727.6	772.4	.0	3170.4	126.2	13108.4	2222.1	1062.00
3.13	.00	10.64	6.12	.000	.035	.040	.000	1062.00	9774.42
.004136	490.	494.	495.	2	17	0	.00	441.24	10215.66

*SECNO 13.103

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.54

3470 ENCROACHMENT STATIONS= 9830.0 10342.0 TYPE= 1 TARGET= 512.000

13.103	10.22	1072.72	1068.83	1072.73	1073.65	.93	1.30	.08	1071.60
34500.0	.3	34491.1	8.7	.4	4458.0	5.9	13153.4	2227.6	1070.80
3.15	.61	7.74	1.46	.045	.035	.040	.000	1062.50	9830.00
.001747	505.	505.	515.	2	15	0	.00	494.58	10324.58

*SECNO 13.200

3470 ENCROACHMENT STATIONS= 9805.0 10419.0 TYPE= 1 TARGET= 614.000

13.200	10.72	1073.72	1068.35	1073.63	1074.33	.62	.66	.03	1071.70
34500.0	.6	33812.0	687.5	1.0	5331.7	222.2	13212.4	2233.7	1063.00
3.17	.57	6.34	3.09	.045	.035	.045	.000	1063.00	9805.00
.000977	510.	513.	515.	2	11	0	.00	551.16	10356.16

*SECNO 13.296

3470 ENCROACHMENT STATIONS= 9590.0 10380.0 TYPE= 1 TARGET= 790.000

13.296	10.83	1074.33	1068.61	1074.23	1074.78	.45	.43	.02	1073.50
34500.0	85.1	34142.4	272.5	92.1	6342.1	100.5	13283.1	2241.3	1065.60
3.20	.92	5.38	2.71	.045	.035	.045	.000	1063.50	9600.24
.000726	500.	510.	500.	2	11	0	.00	742.85	10343.09

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 13.395

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .58

3470 ENCROACHMENT STATIONS= 9210.0 10352.0 TYPE= 1 TARGET= 1142.000

13.395	10.83	1074.83	1072.21	1074.73	1075.42	.59	.61	.04	1075.20
34500.0	17.2	34481.5	1.4	14.8	5592.4	1.4	13355.8	2251.9	1073.80
3.22	1.16	6.17	.94	.045	.035	.045	.000	1064.00	9227.64
.002142	505.	522.	515.	2	14	0	.00	1028.17	10326.19

CCHV= .300 CEHV= .500
*SECNO 13.450

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.56

3470 ENCROACHMENT STATIONS= 8830.0 10253.0 TYPE= 1 TARGET= 1423.000

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***** OLIVE AVENUE **********
***** LOW CHORD = 1086.4 ****
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13.450	11.81	1075.61	1072.16	1075.55	1075.90	.29	.38	.09	1071.40
34500.0	571.4	33928.6	.0	309.0	7850.0	.0	13401.7	2259.9	1084.50
3.24	1.85	4.32	.00	.045	.035	.000	.000	1063.80	8837.26
.000880	290.	290.	290.	2	14	0	.00	1385.35	10222.62

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	1400.00	99.00	21608.27	3.00	1070.00	1070.00

*SECNO 13.467
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1075.56 BRIDGE VELOCITY= 4.71 CALCULATED CHANNEL AREA= 7322.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1075.95	.04	0.	34500.	21608.	27647.	1090.30	1092.80	0.

13.467	11.55	1075.65	.00	1075.59	1075.95	.30	.05	.00	1090.90
34500.0	.0	34500.0	.0	.0	7896.5	.0	13418.3	2262.8	1090.60
3.25	.00	4.37	.00	.000	.035	.000	.000	1064.10	8782.98
.001077	90.	90.	90.	0	0	0	.00	1420.37	10203.35

*SECNO 13.518

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .45

3470 ENCROACHMENT STATIONS= 8740.0 10214.0 TYPE= 1 TARGET= 1474.000

13.518	11.75	1075.95	1074.71	1075.93	1076.74	.79	.55	.25	1073.00
34500.0	848.0	33399.5	252.6	178.1	4640.4	46.9	13457.8	2271.4	1067.20
3.26	4.76	7.20	5.39	.045	.035	.045	.000	1064.20	8740.00
.005234	260.	270.	260.	2	14	0	.00	1361.72	10200.31

CCHV= .100 CEHV= .300
*SECNO 13.565

3470 ENCROACHMENT STATIONS= 8800.0 10247.7 TYPE= 1 TARGET= 1447.700

13.565	11.48	1077.28	1075.82	1077.18	1077.98	.70	1.22	.01	1074.20
34500.0	1112.6	33387.4	.0	252.1	4937.8	.0	13486.9	2279.5	100000.00
3.27	4.41	6.76	.00	.045	.035	.000	.000	1065.80	8800.00
.004497	245.	252.	255.	2	12	0	.00	1431.25	10231.25

*SECNO 13.663

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9020.0 10354.0 TYPE= 1 TARGET= 1334.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
13.663	13.69	1079.39	1077.83	1079.17	1080.05	.66	2.08	.00	1075.70
34500.0	3241.9	30852.8	405.3	718.0	4584.6	84.7	13549.3	2295.6	1074.40
3.29	4.52	6.73	4.79	.045	.035	.045	.000	1065.70	9020.00
.003644	505.	515.	535.	3	9	0	.00	1304.96	10354.00

*SECNO 13.760

3470 ENCROACHMENT STATIONS= 9220.0 10427.0 TYPE= 1 TARGET= 1207.000

13.760	13.31	1081.21	1079.38	1080.91	1081.86	.64	1.80	.00	1077.50
34500.0	4603.8	18421.3	11474.9	1048.5	2815.5	1649.4	13613.2	2310.4	1071.20
3.31	4.39	6.54	6.96	.045	.035	.045	.000	1067.90	9220.00
.003411	505.	511.	515.	2	9	0	.00	1207.00	10427.00

*SECNO 13.856

3470 ENCROACHMENT STATIONS= 9380.0 10419.9 TYPE= 1 TARGET= 1039.900

13.856	11.36	1082.56	1080.33	1082.22	1083.21	.65	1.35	.00	1078.20
34500.0	2116.2	24928.0	7455.8	676.7	3497.4	1602.1	13679.2	2323.5	1075.70
3.33	3.13	7.13	4.65	.045	.035	.045	.000	1071.20	9380.00
.002111	505.	510.	510.	2	20	0	.00	1039.90	10419.90

*SECNO 13.952

3470 ENCROACHMENT STATIONS= 9400.0 10384.0 TYPE= 1 TARGET= 984.000

13.952	10.43	1083.73	1082.60	1083.52	1084.74	1.01	1.43	.11	1083.00
34500.0	39.6	30726.1	3734.3	24.0	3649.3	882.6	13739.5	2335.3	1081.40
3.35	1.65	8.42	4.23	.045	.035	.045	.000	1073.30	9400.00
.003907	505.	508.	510.	2	14	0	.00	984.00	10384.00

*SECNO 14.049

3470 ENCROACHMENT STATIONS= 9280.0 10310.0 TYPE= 1 TARGET= 1030.000

14.049	11.33	1085.83	1084.47	1085.81	1086.67	.83	1.91	.02	1084.70
34500.0	16.6	31889.0	2594.4	8.7	4242.4	604.9	13794.7	2347.1	1083.20
3.37	1.92	7.52	4.29	.045	.035	.045	.000	1074.50	9280.00
.003560	500.	512.	505.	3	10	0	.00	1030.00	10310.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14.145

3470 ENCROACHMENT STATIONS= 9160.0 10350.0 TYPE= 1 TARGET= 1190.000

14.145	10.64	1087.54	1085.48	1087.49	1088.07	.53	1.38	.03	1090.70
34500.0	.0	34014.1	485.9	.0	5770.1	176.9	13857.8	2359.9	1085.00
3.40	.00	5.89	2.75	.000	.035	.045	.000	1076.90	9180.01
.002123	500.	510.	500.	2	14	0	.00	1169.99	10350.00

*SECNO 14.240

3470 ENCROACHMENT STATIONS= 9120.0 10400.0 TYPE= 1 TARGET= 1280.000

14.240	8.44	1088.74	1087.09	1088.61	1089.33	.59	1.24	.02	1089.90
34500.0	.0	34475.8	24.2	.0	5578.2	12.2	13924.1	2374.0	1087.50
3.42	.00	6.18	1.99	.000	.035	.045	.000	1080.30	9133.48
.002918	365.	500.	550.	2	14	0	.00	1266.52	10400.00

CNO 14.335
30 CROSS SECTION 14.34 EXTENDED .35 FEET

3470 ENCROACHMENT STATIONS= 9110.0 10460.0 TYPE= 1 TARGET= 1350.000

14.335	10.45	1090.25	1088.79	1089.94	1090.89	.63	1.55	.01	1089.50
34500.0	4.5	34050.8	444.7	4.1	5301.1	168.7	13987.5	2389.0	1088.40
3.44	1.10	6.42	2.64	.045	.035	.045	.000	1079.80	9110.00
.003307	400.	499.	530.	2	8	0	.00	1350.00	10460.00

*SECNO 14.430

3470 ENCROACHMENT STATIONS= 9160.0 10520.0 TYPE= 1 TARGET= 1360.000

14.430	8.63	1091.83	1090.15	1091.43	1092.46	.63	1.57	.00	1092.10
34500.0	.0	33804.7	695.3	.0	5267.8	308.8	14051.5	2404.7	1090.10
3.46	.00	6.42	2.25	.000	.035	.045	.000	1083.20	9172.60
.002933	410.	503.	540.	2	23	0	.00	1347.40	10520.00

*SECNO 14.525

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9230.0 10600.0 TYPE= 1 TARGET= 1370.000

14.525	9.99	1093.19	1090.78	1092.71	1093.62	.43	1.15	.02	1093.90
34500.0	.0	29052.4	5447.6	.0	5313.0	1322.4	14123.0	2420.2	1092.30
3.49	.00	5.47	4.12	.000	.035	.045	.000	1083.20	9236.05
.001787	425.	504.	545.	2	10	0	.00	1301.88	10600.00

*SECNO 14.619

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9305.0 10785.0 TYPE= 1 TARGET= 1480.000

14.619	7.90	1094.20	1092.84	1093.83	1094.92	.72	1.21	.09	1095.20
34500.0	.0	30399.9	4100.1	.0	4277.6	1089.4	14192.3	2436.4	1092.10
3.51	.00	7.11	3.76	.000	.035	.045	.000	1086.30	9311.10
.003446	410.	494.	540.	2	14	0	.00	1464.75	10785.00

*SECNO 14.708

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9410.0 11140.0 TYPE= 1 TARGET= 1730.000

14.708	7.41	1095.81	1094.92	1095.68	1096.66	.85	1.70	.04	1095.10
34500.0	12.4	30572.1	3915.5	9.6	3932.7	1396.4	14251.0	2454.1	1092.60
3.53	1.29	7.77	2.80	.045	.035	.045	.000	1088.40	9410.00
.003737	425.	471.	500.	2	15	0	.00	1720.07	11140.00

*SECNO 14.809

3470 ENCROACHMENT STATIONS= 9455.0 10235.0 TYPE= 1 TARGET= 780.000

14.809	10.31	1097.41	1095.00	1097.10	1098.32	.91	1.64	.02	1095.90
34500.0	257.3	34129.0	113.7	119.9	4435.2	54.2	14311.7	2469.4	1095.20
3.55	2.15	7.69	2.10	.045	.035	.045	.000	1087.10	9455.00
.002597	510.	531.	540.	2	8	0	.00	780.00	10235.00

*SECNO 14.905

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9330.0 10160.0 TYPE= 1 TARGET= 830.000

14.905	10.20	1098.80	1095.85	1098.61	1099.43	.63	1.09	.03	1095.00
34500.0	672.1	31188.9	2639.0	214.9	4776.7	549.2	14371.0	2478.8	1092.80
3.57	3.13	6.53	4.81	.045	.035	.045	.000	1088.60	9330.00
.001787	500.	509.	510.	2	19	0	.00	830.00	10160.00

*SECNO 15.000

3470 ENCROACHMENT STATIONS= 9290.0 10130.0 TYPE= 1 TARGET= 840.000

15.000	10.95	1099.75	1097.94	1099.39	1100.63	.88	1.12	.08	1098.00
34500.0	182.9	33827.1	490.0	81.5	4458.4	140.8	14429.7	2488.4	1097.00
3.59	2.25	7.59	3.48	.045	.035	.045	.000	1088.80	9290.00
.002900	500.	501.	495.	2	10	0	.00	840.00	10130.00

*SECNO 15.094

70 ENCROACHMENT STATIONS= 9330.0 10190.0 TYPE= 1 TARGET= 860.000

15.094	11.29	1101.19	1098.41	1100.48	1101.84	.65	1.19	.02	1099.10
34500.0	26.0	32865.2	1608.8	13.0	5024.0	349.6	14487.1	2498.1	1094.70
3.61	2.01	6.54	4.60	.045	.035	.045	.000	1089.90	9330.00
.002019	495.	496.	495.	2	15	0	.00	860.00	10190.00

*SECNO 15.188

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9485.0 10280.0 TYPE= 1 TARGET= 795.000

15.188	13.10	1102.10	1100.08	1101.32	1103.13	1.03	1.17	.11	1097.30
34500.0	74.7	33278.7	1146.7	25.7	4019.2	405.9	14542.5	2507.3	1100.40
3.63	2.90	8.28	2.82	.045	.035	.045	.000	1089.00	9485.00
.002839	550.	495.	435.	2	6	0	.00	791.69	10280.00

*SECNO 15.281

3470 ENCROACHMENT STATIONS= 9660.0 10370.0 TYPE= 1 TARGET= 710.000

15.281	10.80	1103.40	1102.25	1102.87	1104.90	1.50	1.63	.14	1098.10
34500.0	2438.8	28214.7	3846.6	406.8	2661.3	871.8	14589.2	2515.5	1101.40
3.64	5.99	10.60	4.41	.045	.035	.045	.000	1092.60	9660.00
.003960	560.	491.	425.	2	19	0	.00	710.00	10370.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 15.374

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9832.0 10390.0 TYPE= 1 TARGET= 558.000

15.374	11.20	1105.00	1104.31	1104.26	1107.12	2.12	2.04	.19	1101.30
34500.0	1.8	29182.7	5315.5	1.4	2332.8	1029.5	14628.6	2522.1	1101.90
3.65	1.28	12.51	5.16	.040	.035	.045	.000	1093.80	9832.00
.004549	540.	491.	400.	1	8	0	.00	558.00	10390.00

*SECNO 15.469
3280 CROSS SECTION 15.47 EXTENDED .08 FEET

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.62

3470 ENCROACHMENT STATIONS= 9701.0 10330.0 TYPE= 1 TARGET= 629.000

15.469	12.48	1107.68	1104.34	1106.86	1108.56	.88	1.31	.12	1097.50
34500.0	7719.1	20574.7	6206.2	1146.3	2420.5	1416.4	14675.2	2528.5	1100.40
3.67	6.73	8.50	4.38	.040	.035	.045	.000	1095.20	9708.89
.001736	515.	502.	440.	2	15	0	.00	621.11	10330.00

*SECNO 15.564

3470 ENCROACHMENT STATIONS= 9539.0 10220.0 TYPE= 1 TARGET= 681.000

15.564	12.47	1108.67	1105.19	1107.86	1109.45	.78	.88	.01	1101.80
34500.0	22052.2	9667.6	2780.2	3278.1	1146.6	749.1	14733.0	2535.6	1103.60
3.69	6.73	8.43	3.71	.040	.035	.045	.000	1096.20	9558.75
.001787	520.	502.	435.	2	19	0	.00	661.25	10220.00

*SECNO 15.658

3470 ENCROACHMENT STATIONS= 9446.5 10120.0 TYPE= 1 TARGET= 673.500

15.658	12.53	1109.63	1105.76	1109.06	1110.36	.72	.90	.01	1107.70
34500.0	24255.1	9471.4	773.5	3582.3	1325.4	179.3	14792.8	2543.3	1103.10
3.71	6.77	7.15	4.31	.040	.035	.040	.000	1097.10	9450.48
.001757	520.	497.	450.	2	19	0	.00	669.52	10120.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 15.719

3470 ENCROACHMENT STATIONS= 9385.2 10150.0 TYPE= 1 TARGET= 764.800

15.719	16.51	1110.21	1106.15	1109.75	1110.94	.74	.58	.00	1109.40
34500.0	21602.4	12897.6	.0	3407.4	1670.4	.0	14832.6	2548.6	1114.50
3.73	6.34	7.72	.00	.040	.035	.000	.000	1093.70	9386.45
.001652	350.	323.	310.	0	6	0	.00	667.71	10054.16

*SECNO 15.814

3470 ENCROACHMENT STATIONS= 9375.0 10150.0 TYPE= 1 TARGET= 775.000

15.814	16.55	1110.95	1108.04	1110.65	1112.02	1.07	.97	.10	1108.90
34500.0	15839.5	18660.5	.0	2400.9	1960.0	.0	14887.2	2556.2	1115.90
3.74	6.60	9.52	.00	.040	.035	.000	.000	1094.40	9383.93
.002296	505.	502.	505.	2	12	0	.00	654.46	10038.40

*SECNO 15.909

3470 ENCROACHMENT STATIONS= 9330.0 10200.0 TYPE= 1 TARGET= 870.000

15.909	14.42	1112.22	1107.88	1112.07	1112.89	.67	.84	.04	1108.70
34500.0	15270.6	19229.4	.0	3009.3	2543.8	.0	14943.8	2564.0	1114.10
3.76	5.07	7.56	.00	.040	.035	.000	.000	1097.80	9347.41
.001284	495.	499.	505.	2	14	0	.00	709.05	10056.46

*SECNO 16.004

3470 ENCROACHMENT STATIONS= 9257.0 10250.0 TYPE= 1 TARGET= 993.000

16.004	13.28	1112.98	1108.04	1112.87	1113.45	.47	.54	.02	1108.90
34500.0	17311.9	17188.1	.0	3933.3	2688.5	.0	15014.1	2572.8	1122.80
3.79	4.40	6.39	.00	.040	.035	.000	.000	1099.70	9260.48
.000898	505.	501.	500.	2	11	0	.00	802.59	10063.07

*SECNO 16.099

3470 ENCROACHMENT STATIONS= 9400.0 10082.0 TYPE= 1 TARGET= 682.000

16.099	12.49	1113.29	1110.14	1113.32	1114.15	.86	.58	.12	1105.50
34500.0	10088.5	24411.5	.0	2159.7	2937.9	.0	15081.7	2581.2	1120.70
3.81	4.67	8.31	.00	.040	.035	.000	.000	1100.80	9400.00
.001564	505.	500.	495.	2	19	0	.00	667.25	10067.25

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   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS      L-BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA        R-BANK ELEV
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN      SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID     ENDST


*SECNO 16.195

3470 ENCROACHMENT STATIONS=     9650.0   10091.0  TYPE=      1  TARGET=      441.000
    16.195     13.16   1113.96   1110.21   1113.70   1115.13      1.17       .89       .10   1105.40
   34500.0    2186.4   32313.6        .0     422.9    3636.2        .0   15135.1    2587.6   1122.50
      3.83      5.17      8.89       .00      .040      .035      .000      .000   1100.80   9650.00
   .001956      510.      507.      505.         2        19         0       .00    427.29  10077.29


*SECNO 16.289

3470 ENCROACHMENT STATIONS=     9680.0   10090.0  TYPE=      1  TARGET=      410.000
    16.289     14.15   1114.95   1110.88   1114.69   1116.10      1.15       .97       .00   1111.70
   34500.0      32.5   34467.5        .0      13.4    3994.9        .0   15181.4    2592.4   1121.80
      3.84      2.43      8.63       .00      .040      .035      .000      .000   1100.80   9680.00
   .001919      510.      500.      500.         2        19         0       .00    398.86  10078.86


*SECNO 16.385

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     9690.0   10107.0  TYPE=      1  TARGET=      417.000
    16.385     11.81   1115.51   1115.51   1115.62   1118.72      3.21      1.87       .62   1114.50
   34500.0     115.4   34384.6        .0      28.5    2387.8        .0   15218.8    2597.0   1127.10
      3.85      4.04     14.40       .00      .040      .035      .000      .000   1103.70   9690.00
   .009842      505.      507.      505.         0        15         0       .00    397.53  10087.53


*SECNO 16.471

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  2.36


3470 ENCROACHMENT STATIONS=     9720.0   10180.0  TYPE=      1  TARGET=      460.000
    16.471     13.93   1119.33   1115.46   1119.12   1120.57      1.24      1.65       .20   1112.00
   36000.0    1167.1   34582.3     250.5     256.9    3816.3      61.3   15252.9    2601.4   1113.60
      3.87      4.54      9.06      4.08      .040      .035      .040      .000   1105.40   9739.26
   .001928      410.      454.      580.         2        15         0       .00    440.61  10179.87
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CEHV= .500
*SECNO 16.482

3470 ENCROACHMENT STATIONS= 9750.0 10290.0 TYPE= 1 TARGET= 540.000
****
***** GRAND AVENUE **********
***** LOW CHORD = 1126.6 ****
****

16.482	14.22	1119.82	1114.90	1119.65	1120.76	.93	.10	.09	1122.10
36000.0	.0	35995.7	4.3	.0	4643.3	4.9	15258.7	2602.0	1117.60
3.87	.00	7.75	.87	.000	.035	.040	.000	1105.60	9787.92
.001427	45.	58.	70.	2	14	0	.00	453.92	10241.84

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	400.00	27.00	8080.20	3.50	1109.00	1109.00

*SECNO 16.506
BTCARD, BRIDGE STENCL= 9730.00 STENCR= 10265.00
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1119.67 BRIDGE VELOCITY= 8.22 CALCULATED CHANNEL AREA= 4379.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1120.93	.16	0.	36000.	8080.	9221.	1129.70	1130.60	0.

3470 ENCROACHMENT STATIONS= 9730.0 10265.0 TYPE= 1 TARGET= 535.000

16.506	14.58	1119.98	.00	1119.82	1120.93	.95	.17	.00	1122.20
36000.0	.0	36000.0	.0	.0	4605.7	.0	15272.2	2603.3	1122.40
3.87	.00	7.82	.00	.000	.035	.000	.000	1105.40	9777.21
.001589	125.	127.	125.	0	0	0	.00	461.45	10238.66

*SECNO 16.514

3470 ENCROACHMENT STATIONS= 9780.0 10251.0 TYPE= 1 TARGET= 471.000
****
***** SANTA FE R.R. *********
***** LOW CHORD = 1129.9 ****

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          ****************************
   16.514     14.14   1119.84   1116.35   1119.67   1121.24      1.40       .08       .22   1117.10
 36000.0       4.3   35348.8     646.8       2.8    3697.3     167.0   15276.3    2603.7   1115.60
    3.87      1.56      9.56      3.87      .040      .035      .040      .000   1105.70   9798.47
 .002301       42.       42.       42.         2        19         0       .00    427.24  10225.71


SPECIAL BRIDGE

SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
    1.05      1.56      2.60       .00    390.00     72.00   7100.00      2.00   1110.00   1110.00

*SECNO 16.518
BTCARD, BRIDGE STENCL=    9775.00   STENCR=   10260.00
CLASS A LOW FLOW

3420 BRIDGE W.S.=    1118.49 BRIDGE VELOCITY=      12.67     CALCULATED CHANNEL AREA=      2842.

 EGPRS      EGLWC       H3       QWEIR      QLOW      BAREA   TRAPEZOID      ELLC      ELTRD     WEIRLN
                                                                 AREA
      .00   1122.07      1.04        0.    36000.     7100.     7120.     1129.90   1132.00        0.


3470 ENCROACHMENT STATIONS=     9775.0   10260.0  TYPE=      1  TARGET=      485.000
   16.518     15.18   1120.88       .00   1120.80   1122.07      1.18       .83       .00   1113.30
 36000.0      390.0   34877.6     732.4      97.3    3944.1     206.5   15280.0    2604.1   1115.20
    3.88      4.01      8.84      3.55      .050      .040      .050      .000   1105.70   9794.48
 .002306       40.       40.       40.         0         0         0       .00    435.41  10229.89


CCHV=     .100 CEHV=     .300
*SECNO 16.612

3470 ENCROACHMENT STATIONS=     9793.5   10286.5  TYPE=      1  TARGET=      493.000
   16.612     13.69   1121.99   1117.34   1121.94   1123.18      1.19      1.11       .00   1112.10
 36000.0      141.7   35603.0     255.3      45.5    4052.9      79.3   15327.6    2608.6   1115.60
    3.89      3.11      8.78      3.22      .050      .040      .050      .000   1108.30   9799.00
 .002172       545.      499.      260.         2        14         0       .00    387.28  10186.28


*SECNO 16.707

3470 ENCROACHMENT STATIONS=     9790.4   10276.3  TYPE=      1  TARGET=      485.899
   16.707     15.43   1123.13   1118.09   1123.10   1124.25      1.11      1.06       .01   1112.60
 36000.0      181.7   35818.3        .0      55.8    4218.6        .0   15376.1    2613.1   1124.60
    3.91      3.26      8.49       .00      .050      .040      .000      .000   1107.70   9794.91
 .002076       500.      500.      510.         1        19         0       .00    383.92  10178.83
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 16.801

3470 ENCROACHMENT STATIONS= 9800.0 10200.0 TYPE= 1 TARGET= 400.000

16.801	21.47	1124.17	1118.47	1124.22	1125.22	1.05	.97	.01	1112.70
36000.0	438.7	35561.3	.0	111.8	4301.0	.0	15425.8	2617.4	1128.10
3.92	3.93	8.27	.00	.050	.040	.000	.000	1102.70	9800.00
.001811	495.	498.	495.	1	8	0	.00	368.08	10168.08

*SECNO 16.895

3470 ENCROACHMENT STATIONS= 9810.8 10200.0 TYPE= 1 TARGET= 389.200

16.895	15.24	1125.04	1119.57	1124.99	1126.11	1.07	.89	.01	1113.20
36000.0	291.5	35662.3	46.1	84.4	4280.1	23.5	15475.8	2621.6	1120.90
3.94	3.45	8.33	1.96	.050	.040	.050	.000	1109.80	9815.44
.001787	500.	495.	505.	2	14	0	.00	373.52	10188.96

*SECNO 16.990

3470 ENCROACHMENT STATIONS= 9725.4 10150.0 TYPE= 1 TARGET= 424.600

16.990	35.30	1125.90	1120.49	1125.86	1127.11	1.21	.95	.04	1113.30
36000.0	443.4	35556.6	.0	111.4	4008.9	.1	15524.6	2625.7	1125.60
3.96	3.98	8.87	.01	.050	.040	.050	.000	1090.60	9792.31
.002027	495.	500.	475.	2	18	0	.00	343.55	10135.86

*SECNO 17.085

3470 ENCROACHMENT STATIONS= 9678.3 10150.0 TYPE= 1 TARGET= 471.700

17.085	38.16	1127.06	1122.13	1127.04	1128.13	1.07	1.01	.01	1121.80
36000.0	42.2	35509.7	448.1	19.1	4256.4	117.8	15573.6	2630.0	1122.40
3.97	2.21	8.34	3.80	.050	.040	.050	.000	1088.90	9728.44
.002009	570.	501.	430.	2	10	0	.00	409.85	10138.29

*SECNO 17.180

3470 ENCROACHMENT STATIONS= 9630.0 10150.0 TYPE= 1 TARGET= 520.000

17.180	40.42	1128.12	1123.26	1128.12	1129.18	1.06	1.04	.00	1124.80
36000.0	649.4	35350.6	.0	235.5	4244.1	.0	15624.9	2635.2	1130.90
3.99	2.76	8.33	.00	.050	.040	.000	.000	1087.70	9630.00
.002154	645.	502.	350.	2	10	0	.00	475.68	10105.68

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17.277

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.58

3470 ENCROACHMENT STATIONS= 9525.0 10230.0 TYPE= 1 TARGET= 705.000

17.277	41.96	1129.56	1122.93	1129.54	1129.94	.39	.70	.07	1120.80
36000.0	11142.5	24692.3	165.2	2777.0	4564.8	88.7	15701.2	2642.9	1126.20
4.02	4.01	5.41	1.86	.050	.040	.050	.000	1087.60	9525.00
.000861	700.	512.	305.	2	13	0	.00	705.00	10230.00

*SECNO 17.370

3470 ENCROACHMENT STATIONS= 9350.0 10208.5 TYPE= 1 TARGET= 858.500

17.370	43.43	1130.03	1123.83	1129.84	1130.39	.36	.44	.00	1120.50
36000.0	10770.2	25166.0	63.8	3089.4	4739.4	39.7	15796.4	2652.5	1124.40
4.05	3.49	5.31	1.61	.050	.040	.050	.000	1086.60	9350.00
.000811	635.	487.	270.	2	15	0	.00	824.61	10174.61

*SECNO 17.458

3470 ENCROACHMENT STATIONS= 9280.0 10250.0 TYPE= 1 TARGET= 970.000

17.458	39.26	1130.46	1124.87	1130.14	1130.82	.36	.42	.00	1126.40
36000.0	1092.5	34735.2	172.3	424.6	7157.1	88.4	15880.2	2662.1	1129.30
4.08	2.57	4.85	1.95	.050	.040	.050	.000	1091.20	9280.00
.001011	485.	467.	350.	2	19	0	.00	970.00	10250.00

*SECNO 17.548

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .68

3470 ENCROACHMENT STATIONS= 9246.6 10310.0 TYPE= 1 TARGET= 1063.400

17.548	26.01	1131.01	1127.23	1130.61	1131.54	.53	.67	.05	1126.80
36000.0	.1	35999.9	.0	.4	6140.0	.0	15955.1	2672.7	1136.20
4.10	.29	5.86	.00	.050	.040	.000	.000	1105.00	9246.60
.002162	465.	473.	445.	2	15	0	.00	978.47	10235.59

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17.638

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 9285.0 10360.0 TYPE= 1 TARGET= 1075.000

17.638	27.76	1134.16	1134.16	1133.86	1135.87	1.72	2.35	.35	1130.80
37500.0	20225.4	17245.8	28.8	1973.7	1594.0	11.7	16008.5	2683.7	1134.60
4.11	10.25	10.82	2.46	.050	.040	.050	.000	1106.40	9285.00
.018441	490.	476.	450.	0	10	0	.00	1021.15	10321.67

*SECNO 17.730
3080 CROSS SECTION 17.73 EXTENDED .10 FEET

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.12

3470 ENCROACHMENT STATIONS= 9330.0 10360.0 TYPE= 1 TARGET= 1030.000

17.730	38.69	1138.49	1137.20	1138.24	1139.60	1.10	3.66	.06	1136.40
37500.0	3402.5	33154.5	943.0	980.4	3740.3	255.3	16055.9	2695.0	1134.40
4.13	3.47	8.86	3.69	.050	.040	.050	.000	1099.80	9330.00
.004111	475.	486.	490.	4	16	0	.00	1030.00	10360.00

*SECNO 17.821

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.44

3470 ENCROACHMENT STATIONS= 9385.0 10270.0 TYPE= 1 TARGET= 885.000

17.821	10.00	1140.00	1137.18	1139.61	1140.93	.93	1.32	.02	1137.00
37500.0	3485.7	33715.4	298.9	1142.6	4156.6	118.6	16112.9	2705.5	1138.70
4.15	3.05	8.11	2.52	.045	.035	.050	.000	1130.00	9385.00
.001982	475.	478.	480.	2	18	0	.00	885.00	10270.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17.910

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.50

3470 ENCROACHMENT STATIONS= 9430.0 10475.0 TYPE= 1 TARGET= 1045.000

17.910	11.11	1141.11	1136.41	1140.47	1141.57	.47	.59	.05	1138.00
37500.0	1991.9	31935.5	3572.6	962.6	5484.3	1197.9	16182.2	2715.6	1133.30
4.17	2.07	5.82	2.98	.045	.035	.050	.000	1130.00	9430.00
.000877	445.	475.	400.	2	14	0	.00	1045.00	10475.00

*SECNO 18.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9485.0 10555.0 TYPE= 1 TARGET= 1070.000

18.000	11.60	1141.60	1137.12	1140.86	1142.02	.42	.45	.00	1135.20
37500.0	732.8	27716.6	9050.6	386.5	4853.6	2488.1	16266.5	2727.0	1136.70
4.20	1.90	5.71	3.64	.045	.035	.050	.000	1130.00	9485.00
.000994	435.	475.	500.	2	11	0	.00	1060.62	10555.00

*SECNO 18.093

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9565.0 10590.0 TYPE= 1 TARGET= 1025.000

18.093	12.22	1142.12	1138.44	1141.37	1142.65	.53	.60	.03	1138.20
37500.0	124.4	27037.3	10338.3	78.3	4229.6	2436.0	16349.6	2738.6	1137.80
4.22	1.59	6.39	4.24	.045	.035	.050	.000	1129.90	9565.00
.001464	430.	491.	525.	2	19	0	.00	976.43	10590.00

*SECNO 18.182

3470 ENCROACHMENT STATIONS= 9600.0 10620.0 TYPE= 1 TARGET= 1020.000

18.182	13.00	1142.80	1140.10	1142.17	1143.50	.70	.80	.05	1137.10
37500.0	586.5	26525.1	10388.4	212.4	3519.4	2438.4	16420.5	2749.5	1138.30
4.24	2.76	7.54	4.26	.045	.035	.050	.000	1129.80	9600.00
.001963	410.	467.	500.	2	10	0	.00	1020.00	10620.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.275

3470 ENCROACHMENT STATIONS= 9570.0 10670.0 TYPE= 1 TARGET= 1100.000

18.275	13.72	1143.82	1141.85	1143.41	1144.56	.75	1.05	.01	1139.50
37500.0	2207.6	27030.5	8262.0	617.6	3468.2	2047.5	16490.7	2761.4	1140.10
4.26	3.57	7.79	4.04	.045	.035	.050	.000	1130.10	9570.00
.002284	450.	491.	515.	2	10	0	.00	1083.98	10653.98

*SECNO 18.369

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .61

3470 ENCROACHMENT STATIONS= 9550.0 10640.0 TYPE= 1 TARGET= 1090.000

18.369	21.18	1145.28	1144.36	1145.02	1146.50	1.23	1.79	.14	1144.70
37500.0	1127.2	20937.7	15435.1	321.0	2016.6	2299.8	16553.8	2774.0	1141.70
4.28	3.51	10.38	6.71	.045	.035	.050	.000	1124.10	9550.00
.006143	435.	499.	540.	2	18	0	.00	1090.00	10640.00

*SECNO 18.464

3470 ENCROACHMENT STATIONS= 9550.0 10530.0 TYPE= 1 TARGET= 980.000

18.464	11.11	1148.11	1146.34	1147.43	1149.03	.92	2.50	.03	1146.20
37500.0	2493.9	21607.8	13398.3	578.6	2475.3	2145.6	16612.3	2786.1	1143.40
4.30	4.31	8.73	6.24	.045	.035	.050	.000	1137.00	9550.00
.003885	435.	500.	555.	2	18	0	.00	980.00	10530.00

*SECNO 18.558

3470 ENCROACHMENT STATIONS= 9520.0 10465.0 TYPE= 1 TARGET= 945.000

18.558	13.47	1149.97	1147.89	1149.05	1150.80	.83	1.76	.01	1146.90
37500.0	3718.9	25731.0	8050.2	846.2	3280.6	1206.6	16672.9	2797.0	1144.10
4.32	4.39	7.84	6.67	.045	.035	.050	.000	1136.50	9520.00
.003160	450.	500.	525.	2	8	0	.00	934.93	10454.93

*SECNO 18.653

3265 DIVIDED FLOW

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     9470.0   10440.0  TYPE=      1  TARGET=      970.000
   18.653     45.19   1151.49   1149.32   1150.76   1152.25       .76      1.44       .01   1147.50
  37500.0    5150.1   28734.3    3615.6    1152.2    3852.5     597.7   16735.3    2807.7   1144.00
     4.34      4.47      7.46      6.05      .045      .035      .050      .000   1106.30   9470.00
  .002630      445.      502.      535.         2        16         0       .00    965.03  10440.00


*SECNO 18.748

3470 ENCROACHMENT STATIONS=     9400.0   10350.0  TYPE=      1  TARGET=      950.000
   18.748     61.25   1152.75   1150.71   1152.38   1153.78      1.03      1.45       .08   1148.00
  37500.0    6244.1   31255.9        .0    1405.1    3587.4        .0   16794.7    2818.2   1153.90
     4.35      4.44      8.71       .00      .045      .035      .000      .000   1091.50   9400.00
  .003314      440.      501.      530.         2        14         0       .00    948.01  10348.01


*SECNO 18.839

3265 DIVIDED FLOW


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.42


3470 ENCROACHMENT STATIONS=     9350.0   10350.0  TYPE=      1  TARGET=     1000.000
   18.839     34.37   1154.17   1150.89   1153.92   1154.88       .72      1.07       .03   1149.20
  37500.0    4242.6   33229.1      28.3    1375.0    4649.3      14.4   16853.9    2828.4   1150.10
     4.37      3.09      7.15      1.96      .045      .035      .050      .000   1119.80   9350.00
  .001649      430.      480.      500.         2        12         0       .00    986.71  10344.46


*SECNO 18.937

3470 ENCROACHMENT STATIONS=     9364.7   10482.5  TYPE=      1  TARGET=     1117.800
   18.937      9.57   1155.27   1151.65   1155.10   1155.68       .41       .76       .03   1149.20
  37500.0   11894.6   17243.4    8361.9    2779.9    2931.0    1843.2   16930.9    2840.0   1149.70
     4.40      4.28      5.88      4.54      .045      .035      .050      .000   1145.70   9366.90
  .001422      430.      513.      555.         2        25         0       .00   1095.99  10462.89


CCHV=     .300 CEHV=     .500
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18.962

3470 ENCROACHMENT STATIONS= 9391.2 10535.6 TYPE= 1 TARGET= 1144.399

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***** BELL ROAD *************
***** LOW CHORD = 1160.5 ****
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18.962	9.24	1155.44	1152.44	1155.28	1155.94	.50	.21	.05	1150.40
37500.0	10998.0	16608.8	9893.2	2379.0	2529.9	1951.4	16952.0	2843.1	1149.10
4.41	4.62	6.57	5.07	.045	.035	.050	.000	1146.20	9417.95
.001939	110.	132.	145.	2	14	0	.00	1065.90	10483.84

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	1.56	2.70	.00	1050.00	60.00	16107.00	2.50	1149.50	1149.50

*SECNO 18.978
BTCARD, BRIDGE STENCL= 9397.30 STENCR= 10543.50
CLASS A LOW FLOW

3420 BRIDGE W.S.= 1155.35 BRIDGE VELOCITY= 6.38 CALCULATED CHANNEL AREA= 5881.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1156.10	.08	0.	37500.	16107.	17230.	1166.20	1168.40	0.

3470 ENCROACHMENT STATIONS= 9397.3 10543.5 TYPE= 1 TARGET= 1146.200

18.978	8.01	1155.51	.00	1155.36	1156.10	.58	.16	.00	1151.20
37500.0	10458.4	16972.9	10068.8	2205.8	2403.7	1769.4	16965.5	2845.3	1147.80
4.41	4.74	7.06	5.69	.045	.035	.050	.000	1147.50	9424.67
.002429	90.	86.	90.	0	0	0	.00	1068.32	10492.99

*SECNO 19.066

3470 ENCROACHMENT STATIONS= 9350.0 10778.0 TYPE= 1 TARGET= 1428.000

19.066	7.32	1156.72	1155.10	1156.66	1157.42	.70	1.26	.06	1155.00
37500.0	10028.0	20919.6	6552.4	2032.3	2682.5	1253.3	17028.8	2857.6	1154.30
4.43	4.93	7.80	5.23	.045	.035	.045	.000	1149.40	9356.13
.003262	395.	465.	490.	2	19	0	.00	1355.21	10711.34

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


CCHV=     .100 CEHV=     .300
*SECNO 19.162

3470 ENCROACHMENT STATIONS=     9240.0   10956.0  TYPE=      1  TARGET=     1716.000
    19.162      7.52   1158.42   1157.13   1158.42   1159.15       .73      1.72       .01   1158.30
   37500.0    4150.2  20653.4   12696.4    1091.0    2563.5    2386.3  17097.4    2874.6   1155.10
      4.45      3.80      8.06      5.32      .045      .035      .045      .000   1150.90   9240.00
   .003644      480.      505.      500.         2        15         0       .00   1644.09  10884.09


*SECNO 19.256

3265 DIVIDED FLOW


3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=     9175.0   11047.0  TYPE=      1  TARGET=     1872.000
    19.256      6.83   1160.43   1160.37   1160.32   1161.79      1.36      2.45       .19   1158.30
   37500.0    7789.7  19066.7   10643.6    1359.6    1652.9    1551.4  17156.3    2893.1   1161.00
      4.47      5.73     11.54      6.86      .045      .035      .045      .000   1153.60   9175.00
   .007402      470.      497.      480.         1        12         0       .00   1710.19  11025.00


*SECNO 19.352

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.74


3470 ENCROACHMENT STATIONS=     9150.0   11292.0  TYPE=      1  TARGET=     2142.000
    19.352      8.67   1163.27   1161.97   1162.98   1163.84       .56      1.96       .08   1160.20
   37500.0    6596.7  17770.8   13132.5    1832.4    2288.1    3350.1  17224.5    2914.7   1162.10
      4.49      3.60      7.77      3.92      .045      .035      .045      .000   1154.60   9150.00
   .002448      495.      510.      480.         2         8         0       .00   2142.00  11292.00


*SECNO 19.446

3470 ENCROACHMENT STATIONS=     9170.0   11361.0  TYPE=      1  TARGET=     2191.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
19.446	8.76	1164.46	1162.20	1164.08	1164.90	.44	1.05	.01	1159.00
37500.0	5186.4	19817.8	12495.7	1515.9	3100.1	3260.5	17309.5	2938.3	1162.80
4.52	3.42	6.39	3.83	.045	.035	.045	.000	1155.70	9170.00
.001920	525.	496.	450.	2	15	0	.00	2166.93	11336.93

*SECNO 19.542

3470 ENCROACHMENT STATIONS= 9235.0 11478.0 TYPE= 1 TARGET= 2243.000

19.542	8.51	1165.51	1163.57	1165.24	1166.00	.50	1.09	.02	1160.10
37500.0	8920.8	15217.8	13361.4	2122.7	2100.4	3104.3	17396.5	2963.3	1164.70
4.54	4.20	7.25	4.30	.045	.035	.045	.000	1157.00	9235.00
.002495	520.	506.	480.	2	15	0	.00	2243.00	11478.00

*SECNO 19.635

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9310.0 11548.0 TYPE= 1 TARGET= 2238.000

19.635	7.73	1166.83	1165.21	1166.60	1167.34	.51	1.34	.00	1163.20
37500.0	8234.6	16672.5	12592.9	1951.5	2457.2	2485.2	17476.9	2987.7	1165.80
4.57	4.22	6.79	5.07	.045	.035	.045	.000	1159.10	9310.00
.002965	495.	493.	490.	2	16	0	.00	2072.99	11548.00

*SECNO 19.732

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9370.0 11690.0 TYPE= 1 TARGET= 2320.000

19.732	7.45	1168.35	1166.76	1168.03	1168.93	.58	1.57	.02	1165.90
37500.0	5846.1	16198.4	15455.6	1401.4	2196.1	2948.1	17554.2	3011.7	1166.40
4.59	4.17	7.38	5.24	.045	.035	.045	.000	1160.90	9370.00
.003298	510.	508.	490.	2	15	0	.00	2130.61	11690.00

*SECNO 19.827

3470 ENCROACHMENT STATIONS= 9520.0 11727.0 TYPE= 1 TARGET= 2207.000

19.827	7.65	1170.05	1168.37	1169.65	1170.53	.48	1.59	.01	1167.10
37500.0	4246.9	12666.2	20586.8	925.5	1873.5	4258.5	17632.3	3036.6	1168.40
4.62	4.59	6.76	4.83	.045	.035	.045	.000	1162.40	9520.00
.003046	500.	501.	500.	2	15	0	.00	2207.00	11727.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 19.920

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9660.0 11778.0 TYPE= 1 TARGET= 2118.000

19.920	8.84	1171.44	1169.31	1171.03	1171.88	.44	1.35	.00	1169.10
37500.0	418.4	12589.9	24491.7	164.7	1988.2	5145.2	17713.1	3059.6	1168.30
4.64	2.54	6.33	4.76	.045	.035	.045	.000	1162.60	9660.00
.002493	485.	491.	490.	2	15	0	.00	1883.57	11778.00

*SECNO 20.015

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9700.0 11518.0 TYPE= 1 TARGET= 1818.000

20.015	8.78	1172.78	1171.44	1172.40	1173.38	.60	1.45	.05	1170.30
37500.0	173.7	16610.0	20716.3	53.6	2218.3	4137.3	17791.4	3079.6	1169.40
4.66	3.24	7.49	5.01	.045	.035	.045	.000	1164.00	9700.00
.003459	505.	503.	495.	2	10	0	.00	1619.49	11518.00

*SECNO 20.111

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9732.7 11308.0 TYPE= 1 TARGET= 1575.300

20.111	9.05	1174.35	1172.66	1173.99	1174.99	.64	1.59	.01	1174.10
37500.0	.0	19018.1	18481.9	.0	2494.6	3770.6	17861.9	3096.7	1171.30
4.69	.02	7.62	4.90	.045	.035	.045	.000	1165.30	9732.70
.003077	540.	510.	470.	2	9	0	.00	1473.73	11308.00

*SECNO 20.207

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9760.0 11080.0 TYPE= 1 TARGET= 1320.000

20.207	8.56	1175.76	1174.44	1175.37	1176.65	.89	1.58	.07	1172.90
37500.0	501.5	22603.0	14395.4	151.9	2544.7	2872.1	17927.1	3111.6	1172.00
4.70	3.30	8.88	5.01	.045	.035	.045	.000	1167.20	9760.00
.003469	540.	504.	460.	2	15	0	.00	1250.29	11073.65

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 20.294

3470 ENCROACHMENT STATIONS= 9740.0 10900.0 TYPE= 1 TARGET= 1160.000

20.294	10.57	1177.27	1175.12	1176.75	1177.85	.59	1.18	.03	1174.20
37500.0	2504.8	18103.6	16891.6	544.1	2417.0	3737.6	17989.4	3123.7	1172.10
4.73	4.60	7.49	4.52	.045	.035	.045	.000	1166.70	9740.00
.002071	480.	460.	425.	2	6	0	.00	1158.63	10898.63

*SECNO 20.343

3470 ENCROACHMENT STATIONS= 9720.0 10970.0 TYPE= 1 TARGET= 1250.000

20.343	9.14	1177.84	1176.01	1177.40	1178.49	.65	.62	.02	1175.50
37500.0	2273.7	17029.2	18197.1	492.2	2142.5	3634.8	18027.6	3130.8	1173.70
4.74	4.62	7.95	5.01	.045	.035	.045	.000	1168.70	9720.00
.002832	250.	262.	255.	2	19	0	.00	1250.00	10970.00

*SECNO 20.388

3470 ENCROACHMENT STATIONS= 9700.0 10820.0 TYPE= 1 TARGET= 1120.000

20.388	9.48	1178.38	1177.16	1177.98	1179.33	.95	.75	.09	1177.20
37500.0	1102.7	21184.6	15212.7	256.5	2321.3	2637.0	18057.3	3136.9	1174.50
4.74	4.30	9.13	5.77	.045	.035	.045	.000	1168.90	9700.00
.003921	220.	233.	220.	0	10	0	.00	1120.00	10820.00

*SECNO 20.435

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9670.0 10650.0 TYPE= 1 TARGET= 980.000

20.435	10.42	1179.22	1178.36	1178.90	1180.56	1.34	1.11	.12	1178.00
37500.0	183.5	26646.4	10670.1	89.4	2592.6	1705.2	18085.6	3142.8	1175.00
4.75	2.05	10.28	6.26	.045	.035	.045	.000	1168.80	9670.00
.004903	210.	248.	270.	2	5	0	.00	915.71	10650.00

*SECNO 20.483

3470 ENCROACHMENT STATIONS= 9670.0 10540.0 TYPE= 1 TARGET= 870.000

20.483	10.53	1180.33	1178.47	1179.89	1181.59	1.26	1.02	.01	1178.20
37500.0	554.4	35070.8	1874.8	251.1	3800.6	391.3	18111.4	3147.9	1176.30
4.76	2.21	9.23	4.79	.045	.035	.045	.000	1169.80	9670.00
.003312	220.	253.	265.	2	16	0	.00	870.00	10540.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 20.579

3470 ENCROACHMENT STATIONS= 9660.0 10345.6 TYPE= 1 TARGET= 685.600

20.579	10.12	1182.02	1180.28	1181.35	1183.40	1.39	1.78	.04	1179.00
37500.0	2262.0	35206.7	31.2	495.3	3634.2	11.2	18161.3	3156.7	1177.80
4.78	4.57	9.69	2.80	.045	.035	.045	.000	1171.90	9660.00
.003695	455.	510.	540.	2	15	0	.00	669.50	10329.50

*SECNO 20.675

3470 ENCROACHMENT STATIONS= 9630.0 10226.6 TYPE= 1 TARGET= 596.600

20.675	12.34	1183.64	1181.35	1183.00	1184.99	1.35	1.58	.00	1177.40
37500.0	6597.7	30458.4	443.9	1282.2	3036.6	93.3	18210.5	3164.0	1172.70
4.79	5.15	10.03	4.76	.045	.035	.045	.000	1171.30	9630.00
.002707	500.	503.	505.	2	5	0	.00	593.86	10223.86

*SECNO 20.769

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9500.0 10280.0 TYPE= 1 TARGET= 780.000

20.769	12.22	1185.32	1182.23	1184.43	1186.09	.77	1.05	.06	1177.90
37500.0	7139.8	29190.5	1169.7	1700.4	3815.6	232.3	18267.5	3171.6	1176.10
4.81	4.20	7.65	5.04	.045	.035	.045	.000	1173.10	9500.00
.001721	465.	498.	500.	2	19	0	.00	778.62	10278.62

*SECNO 20.864

3470 ENCROACHMENT STATIONS= 9340.0 10310.0 TYPE= 1 TARGET= 970.000

20.864	10.22	1186.22	1183.16	1185.35	1186.95	.73	.85	.00	1181.60
35000.0	4802.3	29692.5	505.1	1398.4	4076.6	166.4	18331.7	3181.3	1182.00
4.83	3.43	7.28	3.04	.045	.035	.045	.000	1176.00	9340.00
.001714	460.	503.	505.	2	14	0	.00	970.00	10310.00

*SECNO 20.958

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9250.0 10383.9 TYPE= 1 TARGET= 1133.900

20.958	17.16	1187.06	1184.36	1186.20	1187.96	.90	.96	.05	1183.30
35000.0	865.1	34134.8	.2	441.1	4433.8	.6	18389.5	3191.9	1181.50
4.85	1.96	7.70	.33	.045	.035	.045	.000	1169.90	9250.00
.002274	390.	497.	530.	2	14	0	.00	1079.03	10383.90

*SECNO 21.061

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9250.0 10350.0 TYPE= 1 TARGET= 1100.000

21.061	18.54	1188.14	1184.73	1187.24	1189.20	1.06	1.19	.05	1184.50
35000.0	413.8	34479.1	107.1	276.6	4149.0	47.6	18446.1	3202.1	1186.30
4.87	1.50	8.31	2.25	.045	.035	.045	.000	1169.60	9250.00
.002142	340.	543.	655.	2	12	0	.00	889.66	10350.00

*SECNO 21.157

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9266.8 10400.0 TYPE= 1 TARGET= 1133.200

21.157	15.66	1189.86	1185.25	1189.24	1190.16	.30	.88	.08	1185.90
35000.0	75.4	34265.9	658.7	76.6	7769.0	177.6	18518.8	3213.0	1181.90
4.90	.98	4.41	3.71	.055	.050	.055	.000	1174.20	9274.81
.001436	340.	509.	630.	2	14	0	.00	1125.19	10400.00

*SECNO 21.245

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .64

3470 ENCROACHMENT STATIONS= 9250.0 10320.0 TYPE= 1 TARGET= 1070.000

21.245	38.50	1190.60	1187.93	1190.17	1191.16	.56	.93	.08	1189.60
35000.0	22148.3	12837.4	14.3	3511.3	2381.1	7.4	18589.0	3223.7	1187.30
4.92	6.31	5.39	1.94	.055	.050	.055	.000	1152.10	9250.00
.003519	365.	464.	530.	2	17	0	.00	1029.26	10279.26

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.337

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.63

3470 ENCROACHMENT STATIONS= 9294.0 10260.0 TYPE= 1 TARGET= 966.000

21.337	11.50	1191.50	1183.72	1191.20	1191.68	.18	.48	.04	1180.00
35000.0	6.6	33587.4	1406.0	11.5	9849.2	692.8	18676.3	3234.2	1180.00
4.96	.58	3.41	2.03	.055	.050	.055	.000	1180.00	9294.00
.000507	375.	483.	530.	2	24	0	.00	966.00	10260.00

*SECNO 21.431

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .29

3470 ENCROACHMENT STATIONS= 9400.0 10343.6 TYPE= 1 TARGET= 943.600

21.431	10.67	1191.67	1188.40	1191.28	1192.47	.80	.61	.19	1191.10
35000.0	779.5	34220.5	.0	188.6	4722.4	.0	18763.7	3244.8	1193.90
4.98	4.13	7.25	.00	.055	.050	.000	.000	1181.00	9400.00
.006168	465.	496.	430.	3	17	0	.00	922.69	10322.69

*SECNO 21.524

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.90

3470 ENCROACHMENT STATIONS= 9603.9 10541.0 TYPE= 1 TARGET= 937.100

21.524	11.60	1193.60	1187.87	1193.49	1193.96	.36	1.44	.04	1193.60
35000.0	.0	34999.0	1.0	.0	7286.6	1.4	18832.5	3255.3	1191.20
5.00	.01	4.80	.69	.000	.050	.055	.000	1182.00	9603.90
.001714	485.	491.	425.	2	11	0	.00	937.10	10541.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.621

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.58

3470 ENCROACHMENT STATIONS= 9670.0 10530.0 TYPE= 1 TARGET= 860.000

21.621	11.77	1194.27	1186.79	1194.18	1194.50	.23	.53	.01	1186.40
35000.0	6036.5	27058.7	1904.8	1760.6	6754.4	738.8	18929.0	3265.7	1182.70
5.04	3.43	4.01	2.58	.055	.050	.055	.000	1182.50	9670.00
.000687	545.	511.	370.	2	18	0	.00	860.00	10530.00

*SECNO 21.716

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .42

3470 ENCROACHMENT STATIONS= 9670.0 10500.0 TYPE= 1 TARGET= 830.000

21.716	11.45	1194.55	1191.66	1194.54	1195.35	.80	.68	.17	1192.90
35000.0	2197.3	31746.3	1056.4	667.2	4274.8	253.7	19012.2	3275.4	1191.00
5.06	3.29	7.43	4.16	.055	.050	.055	.000	1183.10	9670.00
.003817	560.	502.	350.	2	15	0	.00	830.00	10500.00

*SECNO 21.798

3470 ENCROACHMENT STATIONS= 9640.0 10600.0 TYPE= 1 TARGET= 960.000

21.798	10.39	1196.29	1194.58	1195.97	1197.15	.86	1.78	.02	1196.20
35000.0	.0	22979.3	12020.7	.0	2949.3	1774.3	19061.3	3284.2	1195.40
5.08	.02	7.79	6.78	.045	.035	.055	.000	1185.90	9649.22
.004490	450.	436.	410.	3	18	0	.00	950.78	10600.00

*SECNO 21.893

3470 ENCROACHMENT STATIONS= 9558.7 10680.0 TYPE= 1 TARGET= 1121.300

21.893	37.24	1198.44	1197.28	1198.27	1199.43	.99	2.24	.04	1201.20
35000.0	.0	27577.9	7422.1	.0	3174.4	1617.5	19116.6	3296.3	1196.70
5.10	.00	8.69	4.59	.000	.035	.055	.000	1161.20	9565.59
.004371	485.	501.	515.	2	19	0	.00	1114.41	10680.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 21.986

3470 ENCROACHMENT STATIONS= 9250.4 10665.0 TYPE= 1 TARGET= 1414.600

21.986	40.55	1200.65	1198.95	1200.58	1201.20	.56	1.73	.04	1197.70
35000.0	11168.7	14915.0	8916.3	2304.4	2001.9	2070.6	19179.0	3310.3	1199.20
5.12	4.85	7.45	4.31	.045	.035	.055	.000	1160.10	9268.34
.002941	450.	491.	505.	2	10	0	.00	1396.66	10665.00

*SECNO 22.082

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9010.7 10605.0 TYPE= 1 TARGET= 1594.300

22.082	14.61	1202.01	1199.44	1201.74	1202.38	.37	1.16	.02	1198.20
35000.0	9417.9	8283.6	17298.5	2847.7	1524.7	3260.8	19259.0	3327.0	1199.90
5.15	3.31	5.43	5.31	.045	.035	.055	.000	1187.40	9010.70
.001867	465.	503.	525.	2	17	0	.00	1555.20	10605.00

*SECNO 22.177

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8765.7 10533.7 TYPE= 1 TARGET= 1768.000

22.177	9.16	1202.96	1201.66	1202.07	1203.77	.81	1.26	.13	1199.60
35000.0	7641.4	27358.5	.1	1868.4	3466.0	.2	19334.0	3344.1	1200.70
5.17	4.09	7.89	.33	.045	.035	.055	.000	1193.80	8855.22
.003526	510.	506.	490.	2	11	0	.00	1392.19	10533.70

*SECNO 22.273

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8965.3 10635.9 TYPE= 1 TARGET= 1670.601

22.273	17.08	1204.68	1203.06	1204.46	1205.55	.87	1.76	.02	1204.00
35000.0	4092.3	30907.7	.0	1029.9	3935.3	.0	19393.6	3360.1	1209.00
5.19	3.97	7.85	.00	.045	.035	.000	.000	1187.60	8977.55
.003470	505.	504.	485.	2	15	0	.00	1368.57	10627.75

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 22.368

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9008.1 11110.0 TYPE= 1 TARGET= 2101.900

22.368	8.07	1206.57	1204.53	1206.55	1206.93	.35	1.32	.05	1206.80
33000.0	4376.3	20503.5	8120.2	1131.9	3787.4	2473.7	19464.2	3378.4	1212.90
5.22	3.87	5.41	3.28	.045	.035	.055	.000	1198.50	9015.69
.002045	510.	505.	465.	2	17	0	.00	1832.34	11110.00

*SECNO 22.462

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9040.3 11760.0 TYPE= 1 TARGET= 2719.700

22.462	7.34	1207.64	1205.50	1207.63	1207.92	.28	.99	.01	1206.30
33000.0	4598.6	9466.9	18934.5	1365.3	1851.3	4756.3	19548.5	3401.1	1208.70
5.25	3.37	5.11	3.98	.045	.035	.045	.000	1200.30	9046.89
.002069	515.	496.	450.	2	23	0	.00	2273.51	11760.00

*SECNO 22.558

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .51

3470 ENCROACHMENT STATIONS= 9065.5 12000.0 TYPE= 1 TARGET= 2934.500

22.558	6.48	1208.88	1208.58	1208.88	1209.82	.94	1.70	.20	1208.50
33000.0	6352.6	16204.9	10442.5	1084.2	1727.5	1822.0	19615.9	3423.6	1207.70
5.26	5.86	9.38	5.73	.045	.035	.045	.000	1202.40	9080.51
.007823	535.	503.	420.	2	12	0	.00	1891.52	12000.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 22.651

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.78

3470 ENCROACHMENT STATIONS= 9016.1 12095.0 TYPE= 1 TARGET= 3078.900

22.651	6.69	1211.49	1209.71	1211.49	1211.82	.33	1.94	.06	1208.50
33000.0	12228.7	10066.6	10704.7	2802.8	1764.7	2997.8	19682.4	3447.8	1208.60
5.29	4.36	5.70	3.57	.045	.035	.045	.000	1204.80	9025.78
.002475	490.	492.	450.	2	19	0	.00	2611.30	12095.00

*SECNO 22.745

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8903.1 12094.0 TYPE= 1 TARGET= 3190.900

22.745	6.78	1212.78	1211.56	1212.78	1213.17	.38	1.33	.02	1211.90
33000.0	9789.6	9083.2	14127.2	2076.0	1428.7	3487.2	19758.0	3476.6	1210.20
5.32	4.72	6.36	4.05	.045	.035	.045	.000	1206.00	8914.99
.003442	495.	496.	400.	3	15	0	.00	3110.10	12094.00

*SECNO 22.839

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8721.1 11833.0 TYPE= 1 TARGET= 3111.900

22.839	7.00	1214.30	1212.92	1214.30	1214.65	.34	1.48	.00	1214.30
33000.0	10198.8	8944.9	13856.4	2227.4	1512.8	3621.7	19833.2	3507.9	1213.10
5.35	4.58	5.91	3.83	.045	.035	.045	.000	1207.30	8727.76
.002980	495.	498.	415.	2	15	0	.00	2967.61	11833.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 22.935

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8478.1 11640.0 TYPE= 1 TARGET= 3161.900

22.935	6.62	1215.62	1214.01	1215.62	1215.91	.29	1.26	.01	1214.80
33000.0	10424.0	13791.7	8784.3	2436.7	2863.9	2544.4	19914.4	3539.3	1214.40
5.38	4.28	4.82	3.45	.045	.035	.045	.000	1209.00	8484.93
.002439	465.	501.	440.	2	16	0	.00	2984.14	11640.00

*SECNO 23.029

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8450.0 11460.0 TYPE= 1 TARGET= 3010.000

23.029	6.94	1217.04	1216.05	1217.03	1217.49	.45	1.53	.05	1217.50
33000.0	9518.4	9693.3	13788.3	2138.4	1492.3	2699.3	19989.2	3568.3	1217.00
5.40	4.45	6.50	5.11	.045	.035	.045	.000	1210.10	8450.00
.004696	450.	501.	435.	2	12	0	.00	2566.79	11460.00

*SECNO 23.124

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8580.0 11160.0 TYPE= 1 TARGET= 2580.000

23.124	7.21	1219.11	1217.95	1219.11	1219.52	.41	2.03	.00	1220.30
33000.0	12127.5	5565.5	15306.9	2668.9	912.8	2935.8	20058.9	3594.0	1217.90
5.43	4.54	6.10	5.21	.045	.035	.045	.000	1211.90	8580.00
.003923	485.	499.	450.	2	9	0	.00	2180.51	11155.25

*SECNO 23.219

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 8860.0 11070.0 TYPE= 1 TARGET= 2210.000

23.219	6.98	1220.98	1219.67	1220.97	1221.38	.40	1.86	.00	1219.20
33000.0	7618.9	11365.7	14015.4	1793.5	1955.7	2893.5	20133.9	3618.8	1218.70
5.46	4.25	5.81	4.84	.045	.035	.045	.000	1214.00	8860.00
.003588	490.	501.	500.	2	15	0	.00	2181.51	11060.64

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 23.314

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9220.0 11090.0 TYPE= 1 TARGET= 1870.000

23.314	6.87	1222.97	1222.07	1222.95	1223.61	.64	2.15	.07	1221.40
33000.0	7139.8	9955.7	15904.6	1420.3	1209.1	2810.5	20203.1	3641.7	1222.70
5.48	5.03	8.23	5.66	.045	.035	.045	.000	1216.10	9220.00
.005288	510.	504.	490.	2	15	0	.00	1817.08	11090.00

*SECNO 23.409

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9550.0 10970.0 TYPE= 1 TARGET= 1420.000

23.409	8.72	1225.42	1224.32	1225.23	1226.19	.77	2.54	.04	1223.60
33000.0	753.1	13287.3	18959.6	221.9	1666.3	2937.4	20261.4	3660.0	1225.40
5.50	3.39	7.97	6.45	.045	.035	.045	.000	1216.70	9550.00
.005016	515.	500.	485.	2	8	0	.00	1402.86	10970.00

*SECNO 23.504

3470 ENCROACHMENT STATIONS= 9680.0 10880.0 TYPE= 1 TARGET= 1200.000

23.504	38.57	1227.67	1225.76	1227.07	1228.25	.58	2.04	.02	1226.20
33000.0	83.2	11528.3	21388.5	41.0	1922.3	3467.0	20319.6	3674.8	1226.70
5.52	2.03	6.00	6.17	.055	.035	.045	.000	1189.10	9680.00
.003441	505.	501.	490.	2	19	0	.00	1200.00	10880.00

*SECNO 23.598

3470 ENCROACHMENT STATIONS= 9680.0 10770.0 TYPE= 1 TARGET= 1090.000

23.598	52.19	1229.19	1226.89	1228.50	1229.78	.59	1.53	.00	1228.00
33000.0	32.8	19031.8	13935.5	20.8	2859.7	2586.1	20381.3	3687.8	1226.40
5.54	1.58	6.66	5.39	.055	.035	.045	.000	1177.00	9681.65
.002801	480.	498.	490.	2	11	0	.00	1088.35	10770.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 23.692

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .68

3470 ENCROACHMENT STATIONS= 9650.0 10675.0 TYPE= 1 TARGET= 1025.000

23.692	43.98	1230.68	1230.04	1230.19	1231.90	1.22	1.93	.19	1229.50
33000.0	1535.4	23551.0	7913.6	402.8	2405.5	1256.0	20434.4	3699.5	1227.40
5.56	3.81	9.79	6.30	.055	.035	.045	.000	1186.70	9650.00
.006038	475.	494.	475.	1	19	0	.00	1025.00	10675.00

*SECNO 23.790

3470 ENCROACHMENT STATIONS= 9630.0 10635.0 TYPE= 1 TARGET= 1005.000

23.790	54.03	1233.43	1231.76	1232.64	1234.26	.82	2.32	.04	1231.10
31000.0	61.9	23535.5	7402.5	25.6	2925.1	1836.6	20486.3	3711.4	1229.80
5.58	2.42	8.05	4.03	.055	.035	.055	.000	1179.40	9630.00
.003437	500.	519.	500.	2	21	0	.00	1005.00	10635.00

*SECNO 23.881

3470 ENCROACHMENT STATIONS= 9630.0 10665.0 TYPE= 1 TARGET= 1035.000

23.881	27.69	1234.89	1232.80	1233.93	1235.69	.80	1.44	.00	1233.30
31000.0	568.0	25710.5	4721.5	177.7	3322.2	1462.7	20539.5	3722.5	1232.80
5.60	3.20	7.74	3.23	.055	.035	.055	.000	1207.20	9630.00
.002665	460.	478.	470.	2	12	0	.00	1035.00	10665.00

*SECNO 23.974

3470 ENCROACHMENT STATIONS= 9716.0 10825.0 TYPE= 1 TARGET= 1109.000

23.974	14.49	1236.79	1234.41	1236.02	1237.24	.45	1.51	.03	1238.60
31000.0	.0	15388.2	15611.8	.0	2546.0	3355.1	20601.2	3734.6	1233.10
5.62	.00	6.04	4.65	.000	.050	.055	.000	1222.30	9718.81
.003529	460.	492.	500.	2	16	0	.00	1106.18	10825.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 24.067

3470 ENCROACHMENT STATIONS= 9380.0 11020.0 TYPE= 1 TARGET= 1640.000

24.067	8.98	1238.28	1235.35	1237.69	1238.51	.22	1.25	.02	1232.90
31000.0	3944.1	15558.1	11497.8	1080.7	3686.2	3578.0	20682.5	3750.3	1235.20
5.66	3.65	4.22	3.21	.055	.050	.055	.000	1229.30	9380.00
.001874	465.	493.	505.	1	12	0	.00	1640.00	11020.00

*SECNO 24.165

3470 ENCROACHMENT STATIONS= 9310.0 11185.0 TYPE= 1 TARGET= 1875.000

24.165	7.64	1239.04	1236.59	1238.50	1239.29	.25	.78	.01	1236.10
31000.0	2809.8	16613.3	11577.0	954.9	3491.8	3827.0	20780.6	3771.1	1234.10
5.70	2.94	4.76	3.03	.045	.035	.045	.000	1231.40	9310.00
.001241	495.	514.	520.	3	11	0	.00	1875.00	11185.00

*SECNO 24.212

3470 ENCROACHMENT STATIONS= 9300.0 11250.0 TYPE= 1 TARGET= 1950.000

24.212	8.08	1239.38	1237.08	1238.85	1239.63	.25	.34	.00	1237.40
31000.0	4444.6	11375.5	15179.9	1364.5	2283.5	4555.1	20827.5	3782.0	1236.20
5.71	3.26	4.98	3.33	.045	.035	.045	.000	1231.30	9300.00
.001497	240.	248.	250.	2	19	0	.00	1950.00	11250.00

*SECNO 24.260

3470 ENCROACHMENT STATIONS= 9280.0 11261.0 TYPE= 1 TARGET= 1981.000

24.260	8.09	1239.79	1237.47	1239.26	1240.00	.22	.37	.00	1238.50
31000.0	4804.2	11587.8	14608.0	1434.3	2675.9	4360.3	20875.9	3793.4	1237.00
5.73	3.35	4.33	3.35	.045	.035	.045	.000	1231.70	9280.00
.001446	245.	255.	255.	2	14	0	.00	1981.00	11261.00

*SECNO 24.353

3470 ENCROACHMENT STATIONS= 9244.0 11272.0 TYPE= 1 TARGET= 2028.000

24.353	6.94	1240.54	1238.53	1240.02	1240.79	.25	.78	.01	1238.30
31000.0	1.7	17431.4	13566.9	1.8	3920.8	4006.8	20969.7	3816.3	1238.10
5.77	.96	4.45	3.39	.045	.035	.045	.000	1233.60	9244.00
.001693	475.	494.	505.	2	14	0	.00	2028.00	11272.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 24.449

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .64

3470 ENCROACHMENT STATIONS= 9320.0 11319.0 TYPE= 1 TARGET= 1999.000

24.449	6.65	1241.65	1240.57	1241.31	1242.15	.50	1.28	.08	1240.20
31000.0	278.5	16071.5	14650.0	131.5	2472.4	3115.0	21050.2	3839.2	1242.70
5.79	2.12	6.50	4.70	.045	.035	.045	.000	1235.00	9350.53
.004085	460.	503.	525.	2	16	0	.00	1854.11	11319.00

*SECNO 24.543

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9340.0 11419.0 TYPE= 1 TARGET= 2079.000

24.543	8.01	1243.61	1242.15	1243.35	1243.98	.37	1.82	.01	1243.50
31000.0	6088.4	9282.7	15628.9	1162.3	1759.2	3457.9	21119.2	3861.4	1243.20
5.82	5.24	5.28	4.52	.045	.035	.045	.000	1235.60	9340.00
.003297	495.	501.	495.	2	6	0	.00	2032.95	11419.00

*SECNO 24.631

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9420.0 11595.0 TYPE= 1 TARGET= 2175.000

24.631	7.17	1245.37	1244.32	1245.12	1245.79	.42	1.79	.01	1245.10
31000.0	14.8	12010.6	18974.6	12.1	2122.4	3885.5	21184.6	3883.4	1245.10
5.85	1.22	5.66	4.88	.050	.035	.050	.000	1238.20	9420.00
.004685	450.	462.	460.	2	14	0	.00	2147.61	11595.00

*SECNO 24.721

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9515.0 11765.0 TYPE= 1 TARGET= 2250.000

24.721	6.83	1247.43	1246.05	1247.03	1247.77	.35	1.98	.01	1247.70
31000.0	.0	10811.4	20188.6	.0	2127.4	4468.6	21252.4	3906.9	1247.40
5.87	.00	5.08	4.52	.000	.035	.050	.000	1240.60	9537.42
.003821	455.	474.	465.	2	16	0	.00	2209.00	11765.00

*SECNO 24.816

3470 ENCROACHMENT STATIONS= 9680.0 12025.0 TYPE= 1 TARGET= 2345.000

24.816	7.83	1249.23	1247.74	1248.70	1249.56	.33	1.78	.00	1248.30
31000.0	27.2	7614.1	23358.7	18.1	1571.8	5186.7	21327.0	3932.3	1248.80
5.90	1.51	4.84	4.50	.050	.035	.050	.000	1241.40	9680.00
.003529	495.	501.	480.	2	10	0	.00	2345.00	12025.00

*SECNO 24.910

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9627.0 12200.0 TYPE= 1 TARGET= 2573.000

24.910	7.10	1251.00	1249.37	1250.39	1251.30	.30	1.74	.00	1251.10
31000.0	.0	6242.4	24757.6	.0	1421.0	5577.8	21404.1	3959.7	1251.00
5.93	.00	4.39	4.44	.000	.035	.050	.000	1243.90	9628.24
.003600	485.	498.	485.	2	20	0	.00	2549.54	12200.00

*SECNO 24.996

3470 ENCROACHMENT STATIONS= 9773.0 12290.0 TYPE= 1 TARGET= 2517.000

24.996	6.37	1252.67	1251.51	1252.08	1253.03	.37	1.71	.02	1253.10
31000.0	.0	13118.5	17881.5	.0	2412.4	4095.5	21472.9	3985.5	1251.00
5.96	.00	5.44	4.37	.000	.035	.050	.000	1246.30	9776.35
.004131	435.	453.	440.	2	13	0	.00	2513.65	12290.00

*SECNO 25.098

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9859.0 12250.0 TYPE= 1 TARGET= 2391.000

25.098	6.34	1254.94	1253.89	1254.38	1255.34	.41	2.30	.01	1255.20
31000.0	.0	11670.5	19329.5	.0	1967.5	4227.0	21549.7	4014.4	1252.80
5.99	.00	5.93	4.57	.000	.035	.050	.000	1248.60	9880.64
.004605	535.	540.	520.	2	10	0	.00	2273.96	12250.00

*SECNO 25.192

3470 ENCROACHMENT STATIONS= 9850.0 12000.0 TYPE= 1 TARGET= 2150.000

25.192	6.63	1256.63	1255.36	1256.15	1257.04	.42	1.70	.00	1257.10
29000.0	.0	15616.3	13383.7	.0	2451.9	4065.2	21622.1	4039.4	1254.20
6.02	.00	6.37	3.29	.000	.030	.050	.000	1250.00	9853.50
.002590	540.	499.	495.	3	12	0	.00	2119.54	11973.04

*SECNO 25.288

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9800.0 11825.0 TYPE= 1 TARGET= 2025.000

25.288	6.66	1257.96	1257.34	1257.69	1258.74	.78	1.59	.11	1259.10
29000.0	.0	19874.3	9125.7	.0	2404.1	2654.9	21688.8	4062.7	1254.90
6.04	.00	8.27	3.44	.000	.030	.050	.000	1251.30	9811.45
.003942	550.	504.	500.	2	15	0	.00	1931.01	11784.75

*SECNO 25.382

3470 ENCROACHMENT STATIONS= 9740.0 11690.0 TYPE= 1 TARGET= 1950.000

25.382	6.01	1259.71	1259.11	1259.61	1260.53	.81	1.78	.01	1259.40
29000.0	.4	22436.2	6563.4	.6	2770.4	2384.0	21747.0	4084.4	1256.70
6.06	.68	8.10	2.75	.050	.030	.050	.000	1253.70	9740.00
.003255	440.	498.	495.	2	15	0	.00	1871.42	11611.42

*SECNO 25.478

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9750.0 11715.0 TYPE= 1 TARGET= 1965.000

25.478	7.41	1261.31	1260.96	1261.20	1262.35	1.04	1.76	.07	1261.90
29000.0	.0	19878.2	9121.8	.0	2071.1	2689.2	21802.8	4105.5	1257.70
6.07	.00	9.60	3.39	.000	.030	.050	.000	1253.90	9753.91
.003834	535.	506.	475.	2	8	0	.00	1934.06	11715.00

*SECNO 25.526

3470 ENCROACHMENT STATIONS= 9779.0 11805.0 TYPE= 1 TARGET= 2026.000

25.526	8.79	1262.48	1261.36	1262.41	1263.11	.62	.72	.04	1262.50
29000.0	.0	16634.8	12365.2	.0	2086.7	4164.2	21834.9	4117.0	1257.10
6.09	.00	7.97	2.97	.000	.030	.050	.000	1253.70	9779.33
.002183	255.	253.	255.	2	8	0	.00	2025.67	11805.00

*SECNO 25.572

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9840.0 11210.0 TYPE= 1 TARGET= 1370.000

25.572	8.01	1262.71	1262.03	1262.88	1263.92	1.21	.64	.18	1257.70
29000.0	160.0	19768.5	9071.4	42.7	1900.8	2465.6	21864.5	4126.4	1257.70
6.09	3.75	10.40	3.68	.050	.030	.050	.000	1254.70	9840.00
.003202	255.	245.	240.	3	12	0	.00	1370.00	11210.00

*SECNO 25.666

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9830.0 10810.0 TYPE= 1 TARGET= 980.000

25.666	8.78	1264.18	1262.94	1264.04	1265.38	1.20	1.45	.00	1259.80
29000.0	187.4	20985.4	7827.3	52.8	2089.7	2002.2	21912.5	4139.1	1258.30
6.11	3.55	10.04	3.91	.050	.030	.050	.000	1255.40	9830.00
.002733	525.	497.	480.	2	11	0	.00	914.56	10810.00

*SECNO 25.691

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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


3470 ENCROACHMENT STATIONS=     9521.0   10500.0  TYPE=      1  TARGET=      979.000
   25.691      7.82   1265.82   1264.09   1265.52   1266.52       .70      1.09       .05   1263.60
 29000.0        .4   26061.1    2938.5        .7    3706.4     968.3   21959.0    4149.1   1262.00
    6.13       .55      7.03      3.03      .050      .030      .050      .000   1258.00   9521.00
 .002082      470.      460.      460.         2        19         0       .00    979.00  10500.00


*SECNO 25.720

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS=     9370.0   10300.0  TYPE=      1  TARGET=      930.000
   25.720      8.96   1266.76   1266.76   1266.39   1268.52      1.76      1.22       .32   1264.00
 29000.0    6465.6   14292.1    8242.4    1455.5    1028.5    1188.3   21994.1    4157.1   1260.00
    6.14      4.44     13.90      6.94      .050      .030      .050      .000   1257.80   9370.00
 .006056      355.      375.      355.         0         8         0       .00    930.00  10300.00


*SECNO 25.790

3301 HV CHANGED MORE THAN HVINS


3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.63


3470 ENCROACHMENT STATIONS=     9300.0   10250.0  TYPE=      1  TARGET=      950.000
   25.790     10.15   1268.95   1267.40   1268.35   1269.83       .87      1.22       .09   1264.00
 29000.0    9157.9   12248.4    7593.6    2533.2    1189.6    1428.2   22029.6    4164.7   1260.00
    6.15      3.62     10.30      5.32      .050      .030      .050      .000   1258.80   9300.00
 .002267      350.      350.      350.         2        11         0       .00    950.00  10250.00


*SECNO 25.860

3470 ENCROACHMENT STATIONS=     9150.0   10201.0  TYPE=      1  TARGET=     1051.000
   25.860      9.68   1269.68   1268.62   1268.84   1270.80      1.12       .90       .07   1264.00
 29000.0    7600.1   21393.4       6.4    2456.4    2206.2       5.1   22074.7    4173.8   1264.00
    6.17      3.09      9.70      1.25      .050      .030      .050      .000   1260.00   9150.00
 .002223      400.      400.      400.         3        15         0       .00   1051.00  10201.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 25.940
7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 9080.0 10280.0 TYPE= 1 TARGET= 1200.000

25.940	8.77	1272.17	1272.17	1271.77	1273.62	1.45	1.66	.10	1269.20
29000.0	9493.5	13765.9	5740.5	2214.9	1069.8	861.0	22119.1	4185.3	1267.00
6.18	4.29	12.87	6.67	.060	.035	.065	.000	1263.40	9080.00
.008045	450.	430.	420.	0	10	0	.00	1200.00	10280.00

*SECNO 26.030

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.83

3470 ENCROACHMENT STATIONS= 9170.0 10690.0 TYPE= 1 TARGET= 1520.000

26.030	8.71	1275.01	1273.00	1274.11	1275.42	.42	1.70	.10	1272.10
29000.0	7605.8	16500.8	4893.5	2128.7	2629.8	1895.8	22170.0	4197.8	1269.60
6.21	3.57	6.27	2.58	.060	.035	.065	.000	1266.30	9170.00
.002401	310.	460.	500.	3	19	0	.00	1520.00	10690.00

*SECNO 26.120

3470 ENCROACHMENT STATIONS= 9180.0 11020.0 TYPE= 1 TARGET= 1840.000

26.120	8.60	1276.20	1274.51	1275.23	1276.56	.36	1.13	.01	1273.50
29000.0	8835.4	11520.8	8643.8	2497.6	1755.2	3228.6	22244.1	4215.7	1273.80
6.23	3.54	6.56	2.68	.060	.035	.065	.000	1267.60	9180.00
.002589	410.	450.	505.	3	14	0	.00	1840.00	11020.00

*SECNO 26.200

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .63

3470 ENCROACHMENT STATIONS= 9230.0 11060.0 TYPE= 1 TARGET= 1830.000

26.200	8.45	1277.65	1277.24	1276.79	1278.50	.84	1.79	.15	1275.50
29000.0	5150.8	16178.0	7671.2	1273.8	1744.3	2144.6	22310.8	4235.0	1276.90
6.25	4.04	9.27	3.58	.060	.035	.065	.000	1269.20	9230.00
.006539	460.	460.	460.	2	10	0	.00	1830.00	11060.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26.290

3470 ENCROACHMENT STATIONS= 9380.0 11060.0 TYPE= 1 TARGET= 1680.000

26.290	8.32	1279.92	1278.63	1279.01	1280.55	.63	2.04	.02	1276.70
29000.0	6497.9	17522.5	4979.6	1557.5	2281.4	2025.7	22365.8	4252.3	1278.80
6.27	4.17	7.68	2.46	.060	.035	.065	.000	1271.60	9380.00
.003478	460.	440.	410.	2	12	0	.00	1680.00	11060.00

*SECNO 26.370

3470 ENCROACHMENT STATIONS= 9480.0 10990.0 TYPE= 1 TARGET= 1510.000

26.370	9.56	1281.46	1280.05	1280.59	1282.08	.62	1.52	.00	1278.00
29000.0	6487.0	15086.8	7426.2	1503.9	1876.0	2732.4	22430.0	4269.3	1276.60
6.29	4.31	8.04	2.72	.060	.035	.065	.000	1271.90	9480.00
.003066	490.	460.	460.	2	8	0	.00	1510.00	10990.00

*SECNO 26.470

3470 ENCROACHMENT STATIONS= 9500.0 10820.0 TYPE= 1 TARGET= 1320.000

26.470	7.73	1283.03	1281.59	1282.05	1283.70	.67	1.61	.02	1280.10
27000.0	1280.8	18279.8	7439.4	420.8	2376.3	2418.4	22493.6	4285.1	1280.30
6.32	3.04	7.69	3.08	.060	.035	.070	.000	1275.30	9500.00
.003552	510.	490.	480.	2	14	0	.00	1320.00	10820.00

*SECNO 26.550

3470 ENCROACHMENT STATIONS= 9600.0 10730.0 TYPE= 1 TARGET= 1130.000

26.550	8.10	1284.70	1283.45	1283.99	1285.48	.77	1.74	.03	1283.30
27000.0	560.2	16577.7	9862.1	227.9	1951.1	2603.7	22542.9	4297.2	1280.00
6.33	2.46	8.50	3.79	.060	.035	.070	.000	1276.60	9600.00
.004668	420.	430.	430.	2	15	0	.00	1130.00	10730.00

*SECNO 26.630

3470 ENCROACHMENT STATIONS= 9780.0 10770.0 TYPE= 1 TARGET= 990.000

26.630	7.25	1286.65	1284.02	1285.76	1287.12	.48	1.62	.03	1284.10
27000.0	66.5	14440.4	12493.1	31.2	2129.1	3460.5	22598.5	4308.5	1281.80
6.36	2.13	6.78	3.61	.060	.035	.070	.000	1279.40	9780.00
.002700	440.	460.	470.	2	11	0	.00	990.00	10770.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26.730

3470 ENCROACHMENT STATIONS= 9870.0 10850.0 TYPE= 1 TARGET= 980.000

26.730	7.95	1287.75	1284.97	1286.89	1288.28	.52	1.14	.01	1280.70
27000.0	561.3	13326.3	13112.4	167.4	1752.7	4070.8	22662.0	4319.3	1279.90
6.38	3.35	7.60	3.22	.060	.035	.070	.000	1279.80	9870.00
.002101	460.	490.	470.	3	19	0	.00	980.00	10850.00

*SECNO 26.830

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .65

3470 ENCROACHMENT STATIONS= 9874.0 10870.0 TYPE= 1 TARGET= 996.000

26.830	6.78	1288.78	1287.65	1288.37	1289.80	1.02	1.37	.15	1282.60
27000.0	308.6	14747.1	11944.2	80.8	1432.8	2883.3	22709.6	4328.0	1282.30
6.40	3.82	10.29	4.14	.060	.035	.070	.000	1282.00	9874.00
.005037	550.	540.	330.	2	19	0	.00	996.00	10870.00

*SECNO 26.940

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.48

3470 ENCROACHMENT STATIONS= 9806.0 10710.0 TYPE= 1 TARGET= 904.000

26.940	8.62	1290.72	1288.64	1290.17	1291.50	.79	1.68	.02	1282.10
27000.0	3823.6	17009.4	6167.0	902.5	1981.9	2267.2	22760.4	4337.4	1282.10
6.42	4.24	8.58	2.72	.060	.035	.070	.000	1282.10	9806.00
.002313	620.	590.	350.	2	8	0	.00	904.00	10710.00

*SECNO 27.030

3470 ENCROACHMENT STATIONS= 9704.0 10500.0 TYPE= 1 TARGET= 796.000

27.030	10.71	1291.91	1289.08	1291.21	1292.61	.70	1.10	.01	1287.20
27000.0	11223.2	10804.1	4972.7	1989.9	1246.4	1747.7	22809.4	4345.2	1286.20
6.44	5.64	8.67	2.85	.060	.035	.070	.000	1281.20	9704.00
.002641	490.	460.	340.	2	11	0	.00	796.00	10500.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 27.110

3470 ENCROACHMENT STATIONS= 9130.0 10140.0 TYPE= 1 TARGET= 1010.000

27.110	9.45	1293.15	1290.35	1292.70	1293.56	.41	.93	.03	1288.00
27000.0	19032.8	7957.3	9.9	4359.7	1198.6	7.4	22848.9	4352.0	1291.30
6.46	4.37	6.64	1.33	.060	.035	.070	.000	1283.70	9130.00
.002883	280.	420.	360.	2	14	0	.00	1010.00	10140.00

*SECNO 27.190

3470 ENCROACHMENT STATIONS= 8700.0 10050.0 TYPE= 1 TARGET= 1350.000

27.190	8.54	1294.54	1292.86	1293.80	1295.04	.51	1.45	.03	1288.20
27000.0	13673.4	13326.0	.6	4141.3	1796.6	.9	22921.9	4367.1	1293.60
6.49	3.30	7.42	.67	.060	.035	.070	.000	1286.00	8700.00
.002617	600.	420.	360.	2	16	0	.00	1350.00	10050.00

*SECNO 27.300

3470 ENCROACHMENT STATIONS= 8490.0 10082.0 TYPE= 1 TARGET= 1592.000

27.300	7.03	1296.23	1294.99	1295.36	1296.77	.54	1.72	.01	1292.20
27000.0	13549.7	13450.2	.0	4374.9	1740.0	.1	23010.9	4389.2	1296.10
6.52	3.10	7.73	.27	.060	.035	.070	.000	1289.20	8490.00
.002886	670.	580.	470.	2	19	0	.00	1592.00	10082.00

*SECNO 27.390

3470 ENCROACHMENT STATIONS= 8400.0 10070.0 TYPE= 1 TARGET= 1670.000

27.390	7.60	1297.90	1296.84	1297.02	1298.53	.62	1.73	.03	1290.30
27000.0	15719.1	11271.3	9.5	4466.5	1267.6	7.0	23097.2	4413.9	1290.80
6.55	3.52	8.89	1.36	.055	.035	.055	.000	1290.30	8400.00
.002987	690.	470.	470.	2	11	0	.00	1670.00	10070.00

*SECNO 27.480

3470 ENCROACHMENT STATIONS= 8500.0 10130.0 TYPE= 1 TARGET= 1630.000

27.480	8.15	1299.65	1298.62	1298.67	1300.25	.59	1.72	.00	1294.90
27000.0	14138.4	11419.9	1441.7	4211.4	1336.0	294.5	23175.6	4436.8	1292.80
6.58	3.36	8.55	4.90	.055	.035	.055	.000	1291.50	8500.00
.003074	620.	500.	500.	2	12	0	.00	1630.00	10130.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 27.580

3470 ENCROACHMENT STATIONS= 8700.0 10114.0 TYPE= 1 TARGET= 1414.000

27.580	8.44	1301.54	1299.63	1300.64	1301.98	.44	1.72	.01	1297.80
27000.0	17083.3	9908.0	8.7	4662.5	1338.8	6.9	23263.7	4460.1	1294.50
6.61	3.66	7.40	1.25	.055	.035	.055	.000	1293.10	8700.00
.002539	690.	520.	520.	2	15	0	.00	1414.00	10114.00

*SECNO 27.680

3470 ENCROACHMENT STATIONS= 8930.0 10101.0 TYPE= 1 TARGET= 1171.000

27.680	8.46	1303.16	1302.08	1302.30	1303.94	.78	1.85	.10	1301.60
27000.0	14544.1	11931.8	524.1	3154.6	1283.9	107.3	23331.2	4476.7	1294.70
6.63	4.61	9.29	4.88	.055	.035	.055	.000	1294.70	8930.00
.004702	570.	520.	520.	2	15	0	.00	1171.00	10101.00

*SECNO 27.770

3470 ENCROACHMENT STATIONS= 8980.0 10105.0 TYPE= 1 TARGET= 1125.000

27.770	7.91	1305.31	1304.33	1304.47	1306.16	.85	2.20	.02	1303.20
27000.0	12416.8	14308.0	275.2	2904.9	1534.2	64.2	23381.4	4489.4	1297.40
6.65	4.27	9.33	4.29	.055	.035	.055	.000	1297.40	8980.00
.004388	480.	490.	500.	2	15	0	.00	1125.00	10105.00

*SECNO 27.860

3470 ENCROACHMENT STATIONS= 9060.0 10100.0 TYPE= 1 TARGET= 1040.000

27.860	9.51	1307.01	1305.34	1306.05	1307.61	.61	1.43	.02	1302.60
25000.0	8402.3	15825.2	772.5	2736.6	2113.6	208.6	23433.5	4501.2	1297.50
6.67	3.07	7.49	3.70	.055	.035	.055	.000	1297.50	9060.00
.002131	475.	475.	475.	2	6	0	.00	1040.00	10100.00

*SECNO 27.940

3470 ENCROACHMENT STATIONS= 9320.0 10203.0 TYPE= 1 TARGET= 883.000

27.940	9.09	1308.19	1306.78	1307.44	1308.91	.72	1.26	.03	1304.10
25000.0	13569.7	11285.3	144.9	2803.5	1314.1	43.8	23478.5	4510.6	1303.50
6.69	4.84	8.59	3.31	.055	.035	.055	.000	1299.10	9320.00
.004322	415.	440.	440.	2	14	0	.00	883.00	10203.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 28.040

3280 CROSS SECTION 28.04 EXTENDED .15 FEET

3470 ENCROACHMENT STATIONS= 9480.0 10440.0 TYPE= 1 TARGET= 960.000

28.040	6.65	1310.25	1308.32	1309.51	1310.84	.59	1.92	.01	1304.60
25000.0	9259.3	11271.6	4469.0	1898.6	1461.8	1249.6	23531.5	4521.7	1307.50
6.72	4.88	7.71	3.58	.055	.035	.055	.000	1303.60	9480.00
.003167	550.	500.	500.	2	11	0	.00	960.00	10440.00

*SECNO 28.120

3470 ENCROACHMENT STATIONS= 9600.0 10570.0 TYPE= 1 TARGET= 970.000

28.120	7.03	1311.63	1310.12	1310.69	1312.59	.96	1.63	.11	1304.90
25000.0	9384.0	11909.0	3707.0	1698.5	1181.1	1059.6	23575.6	4531.7	1304.60
6.73	5.52	10.08	3.50	.055	.035	.055	.000	1304.60	9600.00
.004254	440.	450.	460.	2	11	0	.00	970.00	10570.00

*SECNO 28.210

3470 ENCROACHMENT STATIONS= 9700.0 10650.0 TYPE= 1 TARGET= 950.000

28.210	8.88	1313.28	1311.11	1312.36	1314.11	.83	1.51	.01	1306.90
25000.0	2336.7	17981.1	4682.2	564.6	2155.2	1512.8	23620.6	4542.3	1304.40
6.75	4.14	8.34	3.10	.055	.035	.055	.000	1304.40	9700.00
.002432	480.	480.	480.	2	8	0	.00	950.00	10650.00

*SECNO 28.310

3470 ENCROACHMENT STATIONS= 9710.0 10720.0 TYPE= 1 TARGET= 1010.000

28.310	8.70	1314.60	1312.98	1313.63	1315.37	.76	1.24	.01	1307.70
25000.0	7200.7	13186.1	4613.2	1476.4	1500.1	1612.0	23669.6	4553.2	1307.30
6.77	4.88	8.79	2.86	.055	.035	.055	.000	1305.90	9710.00
.002708	465.	490.	490.	2	15	0	.00	1010.00	10720.00

*SECNO 28.390

3470 ENCROACHMENT STATIONS= 9870.0 10730.0 TYPE= 1 TARGET= 860.000

28.390	9.03	1315.73	1313.66	1315.03	1316.65	.92	1.23	.05	1308.60
25000.0	261.7	14662.1	10076.2	68.2	1559.5	2386.3	23711.9	4562.4	1308.80
6.79	3.84	9.40	4.22	.055	.035	.055	.000	1306.70	9870.00
.003046	400.	435.	435.	2	14	0	.00	860.00	10730.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 28.450

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9936.0 10440.0 TYPE= 1 TARGET= 504.000

28.450	9.94	1316.64	1315.04	1315.94	1318.15	1.51	1.33	.18	1315.60
25000.0	.0	19959.7	5040.3	.0	1862.0	985.4	23742.5	4568.9	1311.00
6.80	.00	10.72	5.11	.000	.035	.055	.000	1306.70	9936.00
.004489	270.	320.	460.	2	8	0	.00	504.00	10440.00

*SECNO 28.520

3470 ENCROACHMENT STATIONS= 9956.0 10350.0 TYPE= 1 TARGET= 394.000

28.520	11.21	1318.31	1315.43	1317.43	1319.42	1.12	1.24	.04	1307.70
25000.0	245.1	18933.4	5821.5	63.5	2039.3	1091.9	23767.5	4572.6	1311.00
6.81	3.86	9.28	5.33	.055	.035	.055	.000	1307.10	9956.00
.002713	360.	360.	360.	2	15	0	.00	394.00	10350.00

*SECNO 28.580

3470 ENCROACHMENT STATIONS= 9954.0 10340.0 TYPE= 1 TARGET= 386.000

28.580	10.23	1319.23	1316.13	1318.32	1320.26	1.04	.83	.01	1309.10
25000.0	55.1	23387.8	1557.0	24.5	2789.0	368.5	23792.4	4575.6	1310.90
6.82	2.25	8.39	4.23	.055	.035	.055	.000	1309.00	9954.00
.002220	340.	340.	340.	2	14	0	.00	386.00	10340.00

*SECNO 28.670

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9950.0 10300.0 TYPE= 1 TARGET= 350.000

28.670	8.63	1320.13	1318.38	1319.51	1321.81	1.68	1.35	.19	1311.50
25000.0	270.7	20347.4	4381.9	62.7	1820.2	718.6	23821.7	4579.3	1312.20
6.84	4.32	11.18	6.10	.055	.035	.055	.000	1311.50	9950.00
.004345	470.	460.	360.	2	14	0	.00	350.00	10300.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 28.760

3470 ENCROACHMENT STATIONS= 9910.0 10260.0 TYPE= 1 TARGET= 350.000

28.760	9.55	1322.05	1319.81	1321.06	1323.55	1.50	1.72	.02	1321.20
25000.0	.7	24028.8	970.4	.9	2403.9	246.9	23848.6	4582.8	1317.40
6.85	.83	10.00	3.93	.055	.035	.055	.000	1312.50	9917.88
.003284	500.	475.	320.	2	15	0	.00	342.12	10260.00

*SECNO 28.860

3470 ENCROACHMENT STATIONS= 9912.0 10400.0 TYPE= 1 TARGET= 488.000

28.860	10.85	1323.95	1322.43	1323.02	1325.28	1.33	1.71	.02	1322.70
25000.0	.0	20233.4	4766.6	.0	2010.9	1060.3	23879.4	4587.1	1321.30
6.86	.00	10.06	4.50	.000	.035	.055	.000	1313.10	9912.00
.003696	550.	515.	310.	2	8	0	.00	488.00	10400.00

*SECNO 28.950

3470 ENCROACHMENT STATIONS= 9946.0 10600.0 TYPE= 1 TARGET= 654.000

28.950	13.62	1325.92	1324.34	1325.31	1326.91	.99	1.59	.03	1325.00
25000.0	.0	21698.2	3301.8	.0	2573.4	893.5	23911.3	4592.4	1324.50
6.88	.00	8.43	3.70	.000	.035	.055	.000	1312.30	9946.00
.003422	500.	475.	310.	2	8	0	.00	654.00	10600.00

*SECNO 29.040

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.42

3470 ENCROACHMENT STATIONS= 9827.0 10630.0 TYPE= 1 TARGET= 803.000

29.040	10.33	1327.53	1324.73	1326.82	1328.07	.54	1.12	.04	1317.30
25000.0	10.6	19097.9	5891.4	10.1	2941.3	1804.2	23953.9	4599.6	1324.30
6.90	1.05	6.49	3.27	.055	.035	.055	.000	1317.20	9827.00
.001700	550.	510.	330.	2	11	0	.00	803.00	10630.00

*SECNO 29.140

3470 ENCROACHMENT STATIONS= 9760.0 10520.0 TYPE= 1 TARGET= 760.000

29.140	9.01	1328.41	1326.49	1327.82	1329.10	.69	.99	.05	1325.30
23000.0	973.0	18118.0	3909.1	337.1	2502.6	967.7	23998.2	4607.5	1325.60
6.92	2.89	7.24	4.04	.055	.035	.055	.000	1319.40	9760.00
.002747	560.	500.	340.	2	19	0	.00	760.00	10520.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 29.230

3470 ENCROACHMENT STATIONS= 9720.0 10455.0 TYPE= 1 TARGET= 735.000

29.230	8.32	1329.72	1328.16	1328.95	1330.54	.82	1.40	.04	1328.30
23000.0	2468.5	19773.8	757.7	672.4	2563.8	254.0	24036.8	4615.4	1327.00
6.94	3.67	7.71	2.98	.055	.035	.055	.000	1321.40	9720.00
.003285	515.	475.	360.	2	19	0	.00	732.72	10452.72

*SECNO 29.300

3470 ENCROACHMENT STATIONS= 9720.0 10410.0 TYPE= 1 TARGET= 690.000

29.300	8.93	1331.23	1330.28	1330.28	1332.23	.99	1.63	.05	1326.50
23000.0	3773.1	19226.9	.0	774.9	2267.9	.0	24066.9	4621.9	100000.00
6.96	4.87	8.48	.00	.055	.035	.000	.000	1322.30	9720.00
.005196	410.	400.	360.	2	10	0	.00	690.00	10410.00

*SECNO 29.390

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.49

3470 ENCROACHMENT STATIONS= 9693.0 10300.0 TYPE= 1 TARGET= 607.000

29.390	8.43	1333.03	1330.71	1332.48	1333.73	.69	1.47	.03	1331.40
23000.0	1.6	22529.2	469.3	1.6	3340.0	162.4	24099.9	4628.4	1329.30
6.97	.95	6.75	2.89	.055	.035	.055	.000	1324.60	9693.00
.002336	440.	440.	410.	2	19	0	.00	607.00	10300.00

*SECNO 29.470

3470 ENCROACHMENT STATIONS= 9660.0 10211.0 TYPE= 1 TARGET= 551.000

29.470	9.87	1333.97	1331.44	1333.38	1334.87	.91	1.08	.06	1331.00
23000.0	863.9	22135.3	.8	346.6	2850.1	1.0	24134.0	4634.3	1333.00
6.99	2.49	7.77	.85	.055	.035	.055	.000	1324.10	9660.00
.002543	445.	445.	385.	2	11	0	.00	551.00	10211.00

*SECNO 29.540

3470 ENCROACHMENT STATIONS= 9620.0 10151.0 TYPE= 1 TARGET= 531.000

29.540	8.18	1334.88	1333.07	1334.19	1336.01	1.13	1.07	.07	1332.20
23000.0	3295.5	19704.5	.0	848.1	2170.8	.0	24161.1	4639.0	1340.70
7.00	3.89	9.08	.00	.055	.035	.000	.000	1326.70	9620.00
.003148	380.	380.	380.	1	14	0	.00	515.89	10135.89

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 29.611

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .59

3470 ENCROACHMENT STATIONS= 9620.0 10110.0 TYPE= 1 TARGET= 490.000

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***** BEARDSLEY CANAL FLUME *
***** LOW CHORD = 1347.0  ***
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29.611	7.10	1336.00	1335.91	1336.02	1338.14	2.14	1.82	.30	1334.00
23000.0	2589.2	20261.9	148.9	499.8	1640.1	35.3	24182.5	4643.0	1331.60
7.01	5.18	12.35	4.22	.055	.035	.055	.000	1328.90	9620.00
.008933	315.	375.	315.	2	15	0	.00	490.00	10110.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.35	1.60	2.60	.00	960.00	47.00	14933.00	5.50	1332.00	1332.00

*SECNO 29.624
BTCARD, BRIDGE STENCL= 9620.00 STENCR= 10128.00

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.65

CLASS A LOW FLOW

3420 BRIDGE W.S.= 1335.92 BRIDGE VELOCITY= 6.28 CALCULATED CHANNEL AREA= 3661.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
.00	1338.81	1.68	0.	23000.	14933.	14933.	1347.00	1353.60	0.

3470 ENCROACHMENT STATIONS= 9620.0 10128.0 TYPE= 1 TARGET= 508.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1335.30 ELREA= 1348.10

29.624	9.18	1337.68	.00	1336.83	1338.81	1.12	.67	.00	1335.30
23000.0	2126.7	20873.3	.0	568.6	2357.6	.0	24186.6	4643.8	1348.10
7.01	3.74	8.85	.00	.055	.035	.000	.000	1328.50	9620.00
.003282	70.	70.	70.	0	0	0	.00	484.00	10104.00

*SECNO 29.720

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9560.0 10225.0 TYPE= 1 TARGET= 665.000

29.720	9.10	1339.60	1337.03	1338.85	1340.19	.59	1.33	.05	1336.50
23000.0	3796.0	19200.0	4.0	1109.9	2912.4	3.6	24225.2	4650.1	1335.70
7.04	3.42	6.59	1.12	.055	.040	.055	.000	1330.50	9560.00
.002290	450.	495.	495.	2	19	0	.00	665.00	10225.00

*SECNO 29.800

3470 ENCROACHMENT STATIONS= 9820.0 10460.0 TYPE= 1 TARGET= 640.000

29.800	12.91	1340.61	1335.52	1339.98	1340.98	.36	.76	.02	1338.90
23000.0	78.9	13864.3	9056.8	74.0	2619.7	2238.9	24272.5	4657.0	1337.60
7.06	1.07	5.29	4.05	.055	.040	.055	.000	1327.70	9820.00
.001251	460.	460.	460.	2	15	0	.00	640.00	10460.00

*SECNO 29.890

3470 ENCROACHMENT STATIONS= 9870.0 10500.0 TYPE= 1 TARGET= 630.000

29.890	11.65	1341.25	1336.32	1340.69	1341.64	.39	.66	.01	1341.10
23000.0	.6	4749.4	18250.0	2.7	918.0	3661.8	24320.8	4663.5	1341.00
7.09	.23	5.17	4.98	.055	.040	.055	.000	1329.60	9870.00
.001787	450.	445.	440.	2	11	0	.00	630.00	10500.00

*SECNO 29.990

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .46

3470 ENCROACHMENT STATIONS= 9850.0 10400.0 TYPE= 1 TARGET= 550.000

29.990	9.30	1342.20	1341.31	1341.53	1343.67	1.47	1.71	.32	1346.60
23000.0	1.7	13384.8	9613.5	1.4	1192.1	1351.3	24362.3	4669.9	1344.10
7.10	1.15	11.23	7.11	.055	.040	.055	.000	1332.90	9850.00
.008389	550.	525.	500.	2	19	0	.00	477.85	10400.00

*SECNO 30.070

3301 HV CHANGED MORE THAN HVINS

[illegible]2 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.65

3470 ENCROACHMENT STATIONS= 9780.0 10280.0 TYPE= 1 TARGET= 500.000

30.070	11.22	1345.22	1342.12	1344.36	1345.99	.77	2.25	.07	1344.60
23000.0	2600.3	10737.7	9661.9	639.9	1337.9	1477.8	24394.8	4675.2	1344.50
7.12	4.06	8.03	6.54	.055	.040	.055	.000	1334.00	9780.00
.003099	425.	450.	500.	2	15	0	.00	496.81	10276.81

*SECNO 30.170

3470 ENCROACHMENT STATIONS= 9740.0 10160.0 TYPE= 1 TARGET= 420.000

30.170	10.97	1346.57	1343.09	1346.14	1347.37	.80	1.37	.01	1339.80
23000.0	3474.1	16866.4	2659.5	809.0	2129.6	555.2	24436.1	4680.6	1339.30
7.14	4.29	7.92	4.79	.055	.040	.055	.000	1335.60	9740.00
.002260	440.	520.	570.	2	19	0	.00	420.00	10160.00

*SECNO 30.260

3470 ENCROACHMENT STATIONS= 9748.0 10260.0 TYPE= 1 TARGET= 512.000

30.260	8.93	1347.83	1344.06	1347.17	1348.38	.55	.98	.03	1342.10
23000.0	5.7	18830.4	4163.9	5.5	3019.1	961.7	24477.8	4685.7	1339.30
7.17	1.04	6.24	4.33	.055	.040	.055	.000	1338.90	9748.00
[illegible].001815	430.	485.	520.	2	14	0	.00	512.00	10260.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 30.360

3470 ENCROACHMENT STATIONS= 9820.0 10280.0 TYPE= 1 TARGET= 460.000

30.360	7.63	1348.83	1346.47	1348.23	1349.76	.94	1.27	.12	1341.20
23000.0	1377.0	19677.8	1945.3	263.1	2414.4	428.2	24520.0	4691.5	1342.80
7.18	5.23	8.15	4.54	.055	.040	.055	.000	1341.20	9820.00
.003484	500.	515.	535.	2	14	0	.00	460.00	10280.00

*SECNO 30.460

3470 ENCROACHMENT STATIONS= 9814.0 10230.0 TYPE= 1 TARGET= 416.000

30.460	9.27	1350.47	1347.90	1349.82	1351.44	.97	1.67	.01	1341.20
23000.0	13.0	21845.2	1141.8	9.0	2716.2	258.9	24554.9	4696.6	1343.10
7.20	1.44	8.04	4.41	.055	.040	.055	.000	1341.20	9814.00
.003227	475.	495.	540.	2	15	0	.00	416.00	10230.00

*SECNO 30.550

3470 ENCROACHMENT STATIONS= 9714.0 10139.0 TYPE= 1 TARGET= 425.000

30.550	8.67	1352.07	1348.49	1351.58	1352.79	.72	1.32	.03	1363.20
21000.0	.0	21000.0	.0	.0	3093.2	.0	24589.8	4701.2	1353.70
7.22	.00	6.79	.00	.000	.040	.000	.000	1343.40	9735.65
.002171	500.	500.	525.	2	11	0	.00	395.25	10130.90

*SECNO 30.650

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .67

3470 ENCROACHMENT STATIONS= 9781.0 10116.0 TYPE= 1 TARGET= 335.000

30.650	9.63	1353.33	1351.05	1353.06	1354.61	1.28	1.65	.17	1346.20
21000.0	6605.8	14394.2	.0	950.6	1453.3	.0	24623.3	4705.6	1354.60
7.24	6.95	9.90	.00	.055	.040	.000	.000	1343.70	9781.00
.004799	535.	530.	500.	2	15	0	.00	326.69	10107.69

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 30.730

3470 ENCROACHMENT STATIONS= 9864.0 10180.0 TYPE= 1 TARGET= 316.000

30.730	9.79	1354.99	1352.35	1354.84	1356.33	1.33	1.70	.02	1345.20
21000.0	352.7	18100.7	2546.6	84.2	1845.8	532.2	24646.8	4708.7	1345.60
7.25	4.19	9.81	4.78	.055	.040	.055	.000	1345.20	9864.00
.003456	445.	420.	370.	2	15	0	.00	316.00	10180.00

*SECNO 30.820

3470 ENCROACHMENT STATIONS= 9901.0 10280.0 TYPE= 1 TARGET= 379.000

30.820	11.74	1356.94	1353.69	1356.75	1357.80	.85	1.42	.05	1345.20
21000.0	549.2	18343.9	2106.9	134.7	2361.3	489.8	24676.5	4712.4	1352.00
7.27	4.08	7.77	4.30	.055	.040	.055	.000	1345.20	9901.06
.002512	500.	500.	370.	2	15	0	.00	378.94	10280.00

*SECNO 30.920

3470 ENCROACHMENT STATIONS= 9854.0 10330.0 TYPE= 1 TARGET= 476.000

30.920	12.19	1358.19	1354.87	1357.60	1358.92	.72	1.11	.01	1348.60
21000.0	279.8	17760.4	2959.8	88.4	2431.7	937.6	24714.6	4717.5	1353.70
7.29	3.16	7.30	3.16	.055	.040	.055	.000	1346.00	9854.00
.001884	510.	510.	530.	2	19	0	.00	476.00	10330.00

*SECNO 31.010

3470 ENCROACHMENT STATIONS= 9727.0 10400.0 TYPE= 1 TARGET= 673.000

31.010	9.70	1359.20	1356.31	1358.33	1360.04	.83	1.09	.03	1353.30
21000.0	100.6	18804.9	2094.5	37.1	2441.2	877.3	24755.6	4724.8	1356.60
7.31	2.71	7.70	2.39	.055	.040	.055	.000	1349.50	9727.00
.002477	485.	490.	620.	2	11	0	.00	673.00	10400.00

*SECNO 31.110

3470 ENCROACHMENT STATIONS= 9872.0 10570.0 TYPE= 1 TARGET= 698.000

31.110	11.11	1360.51	1358.90	1359.58	1361.40	.89	1.34	.02	1355.20
21000.0	80.5	16694.9	4224.7	28.6	2003.6	1340.0	24793.7	4732.6	1357.90
7.33	2.81	8.33	3.15	.055	.040	.055	.000	1349.40	9872.00
.003029	480.	490.	500.	2	8	0	.00	698.00	10570.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 31.200

3470 ENCROACHMENT STATIONS= 9710.0 10390.0 TYPE= 1 TARGET= 680.000

31.200	12.33	1362.23	1359.35	1361.29	1362.70	.47	1.26	.04	1354.90
21000.0	6363.7	9259.5	5376.8	1373.8	1351.2	1557.7	24838.2	4740.7	1356.60
7.36	4.63	6.85	3.45	.055	.040	.055	.000	1349.90	9710.00
.002075	460.	510.	525.	2	9	0	.00	680.00	10390.00

*SECNO 31.290

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .63

3470 ENCROACHMENT STATIONS= 9570.0 10300.0 TYPE= 1 TARGET= 730.000

31.290	7.84	1363.34	1361.82	1362.52	1364.26	.91	1.43	.13	1362.80
21000.0	5092.1	12901.1	3006.8	828.1	1481.5	656.3	24876.4	4748.0	1359.90
7.37	6.15	8.71	4.58	.055	.040	.055	.000	1355.50	9570.00
.005244	425.	460.	490.	2	11	0	.00	692.79	10300.00

*SECNO 31.390

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.54

3470 ENCROACHMENT STATIONS= 9550.0 10320.0 TYPE= 1 TARGET= 770.000

31.390	10.89	1365.59	1362.76	1364.77	1365.99	.40	1.68	.05	1363.10
21000.0	5033.7	10567.4	5398.9	1255.1	1787.3	1342.4	24919.9	4756.6	1357.40
7.40	4.01	5.91	4.02	.055	.040	.055	.000	1354.70	9550.00
.002222	540.	510.	500.	2	8	0	.00	770.00	10320.00

*SECNO 31.490

3470 ENCROACHMENT STATIONS= 9600.0 10300.0 TYPE= 1 TARGET= 700.000

31.490	7.42	1366.92	1364.60	1366.34	1367.44	.52	1.42	.04	1359.50
21000.0	7804.3	13165.4	30.3	1755.3	2035.2	13.6	24971.7	4766.0	1363.80
7.43	4.45	6.47	2.23	.055	.040	.055	.000	1359.50	9600.00
.003011	575.	545.	520.	2	14	0	.00	700.00	10300.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 31.590

3470 ENCROACHMENT STATIONS= 9580.0 10176.0 TYPE= 1 TARGET= 596.000

31.590	9.66	1368.36	1365.68	1367.77	1368.93	.57	1.47	.02	1364.20
21000.0	8089.6	12828.7	81.7	1740.1	1876.6	31.1	25015.2	4773.5	1363.20
7.45	4.65	6.84	2.63	.055	.040	.055	.000	1358.70	9580.00
.002796	505.	510.	520.	2	12	0	.00	596.00	10176.00

*SECNO 31.670

3470 ENCROACHMENT STATIONS= 9570.0 10197.0 TYPE= 1 TARGET= 627.000

31.670	12.34	1369.54	1366.46	1368.72	1370.01	.47	1.07	.01	1366.00
21000.0	5958.5	14925.2	116.3	1477.1	2482.3	44.4	25054.9	4779.9	1362.80
7.48	4.03	6.01	2.62	.055	.040	.055	.000	1357.20	9570.00
.002033	455.	450.	445.	2	10	0	.00	627.00	10197.00

*SECNO 31.770

3470 ENCROACHMENT STATIONS= 9550.0 10120.0 TYPE= 1 TARGET= 570.000

31.770	14.47	1370.67	1367.92	1369.76	1371.25	.58	1.20	.03	1365.30
21000.0	9718.6	10993.8	287.6	1972.0	1566.3	80.6	25098.4	4786.7	1363.00
7.50	4.93	7.02	3.57	.055	.040	.055	.000	1356.20	9550.00
.002910	495.	500.	510.	2	10	0	.00	570.00	10120.00

*SECNO 31.860

3470 ENCROACHMENT STATIONS= 9680.0 10262.0 TYPE= 1 TARGET= 582.000

31.860	10.14	1372.14	1369.38	1371.26	1372.69	.55	1.44	.00	1366.70
21000.0	7002.5	13988.8	8.6	1424.5	2178.1	6.6	25140.7	4793.4	1365.30
7.52	4.92	6.42	1.31	.055	.040	.055	.000	1362.00	9680.00
.002781	520.	500.	490.	2	8	0	.00	582.00	10262.00

*SECNO 31.960

3470 ENCROACHMENT STATIONS= 9730.0 10247.0 TYPE= 1 TARGET= 517.000

31.960	8.99	1373.29	1370.12	1372.48	1373.82	.54	1.13	.00	1369.10
19000.0	2819.8	16033.4	146.7	862.5	2571.1	53.4	25181.6	4799.8	1364.30
7.55	3.27	6.24	2.75	.055	.040	.055	.000	1364.30	9730.00
.001817	495.	505.	515.	2	11	0	.00	517.00	10247.00

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST

*SECNO 32.050

3470 ENCROACHMENT STATIONS=     9670.0   10098.0  TYPE=      1  TARGET=      428.000
   32.050     11.98   1374.18   1370.63   1373.53   1374.79       .62       .94       .02   1364.10
  19000.0    4272.6   14723.3       4.1    1045.5    2162.7       4.0   25220.2    4805.2   1370.00
     7.57      4.09      6.81      1.04      .055      .040      .055      .000   1362.20   9670.00
  .001942      495.      505.      520.         2        11         0       .00    428.00  10098.00

*SECNO 32.150

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =   .66

3470 ENCROACHMENT STATIONS=     9560.0   10101.0  TYPE=      1  TARGET=      541.000
   32.150      9.14   1375.34   1373.92   1374.89   1376.27       .93      1.38       .09   1373.80
  19000.0    3469.6   15319.4     211.0     830.7    1834.1      49.6   25253.1    4810.6   1366.20
     7.59      4.18      8.35      4.25      .055      .040      .055      .000   1366.20   9560.00
  .004504      460.      495.      495.         2        14         0       .00    541.00  10101.00

*SECNO 32.240

3470 ENCROACHMENT STATIONS=     9500.0   10070.0  TYPE=      1  TARGET=      570.000
   32.240     10.47   1377.37   1375.36   1376.72   1378.02       .65      1.72       .03   1374.00
  19000.0    4728.6   14271.4        .0    1119.6    2023.4        .0   25283.4    4816.2   1387.50
     7.61      4.22      7.05       .00      .055      .040      .000      .000   1366.90   9500.00
  .003182      400.      475.      490.         2        10         0       .00    560.64  10060.64

*SECNO 32.340

3470 ENCROACHMENT STATIONS=     9530.0   10060.0  TYPE=      1  TARGET=      530.000
   32.340     10.98   1379.18   1376.98   1378.49   1379.81       .64      1.79       .00   1375.90
  19000.0    9725.9    9274.1        .0    1472.4    1499.4        .0   25319.8    4822.6   1380.60
     7.63      6.61      6.19       .00      .045      .045      .000      .000   1368.20   9530.00
  .003737      490.      540.      550.         2        10         0       .00    522.23  10052.23

*SECNO 32.430

3302 WARNING:  CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE,  KRATIO =  1.68
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 9600.0 10113.0 TYPE= 1 TARGET= 513.000

32.430	16.73	1380.53	1376.34	1379.70	1380.89	.37	1.05	.03	1375.50
19000.0	11401.7	7598.3	.0	2196.8	1742.1	.0	25359.9	4828.5	1383.10
7.66	5.19	4.36	.00	.045	.045	.000	.000	1363.80	9600.00
.001321	545.	460.	400.	2	8	0	.00	502.34	10102.34

*SECNO 32.520

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9760.0 10273.0 TYPE= 1 TARGET= 513.000

32.520	9.27	1381.27	1377.75	1380.32	1381.79	.52	.85	.05	1372.40
19000.0	1248.2	12491.1	5260.7	223.9	2004.3	1135.3	25401.5	4834.1	1383.60
7.68	5.58	6.23	4.63	.045	.045	.050	.000	1372.00	9760.00
.002313	550.	480.	440.	2	22	0	.00	485.89	10273.00

*SECNO 32.580

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9841.0 10412.0 TYPE= 1 TARGET= 571.000

32.580	11.43	1381.93	1377.27	1381.12	1382.52	.59	.71	.02	1372.30
19000.0	370.2	13755.1	4874.7	89.6	2164.8	860.1	25425.1	4837.4	1381.30
7.70	4.13	6.35	5.67	.045	.045	.050	.000	1370.50	9841.00
.002121	360.	325.	295.	2	19	0	.00	449.33	10412.00

*SECNO 32.640

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9873.0 10501.0 TYPE= 1 TARGET= 628.000

32.640	16.39	1382.59	1377.09	1382.02	1383.09	.50	.56	.01	1389.20
19000.0	.0	14108.0	4892.0	.0	2493.1	870.4	25446.4	4840.2	1382.20
7.71	.00	5.66	5.62	.000	.045	.050	.000	1366.20	9882.91
.001806	335.	310.	220.	2	11	0	.00	399.90	10501.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 32.720

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9617.0 10453.0 TYPE= 1 TARGET= 836.000

32.720	19.23	1383.03	1378.18	1382.59	1384.03	1.00	.79	.15	1396.50
19000.0	285.2	13534.7	5180.1	127.9	1572.9	789.9	25470.3	4843.2	1406.80
7.72	2.23	8.60	6.56	.045	.045	.050	.000	1363.80	9617.00
.002720	480.	420.	190.	2	12	0	.00	311.33	10453.00

*SECNO 32.790

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9700.0 10320.0 TYPE= 1 TARGET= 620.000

32.790	16.85	1384.05	1378.94	1383.75	1385.21	1.17	1.13	.05	1387.90
19000.0	172.0	18061.3	766.7	76.2	2039.0	216.7	25491.8	4846.0	1392.60
7.74	2.26	8.86	3.54	.045	.045	.050	.000	1367.20	9700.00
.003199	400.	380.	410.	2	14	0	.00	319.82	10320.00

*SECNO 32.860

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .59

3470 ENCROACHMENT STATIONS= 9807.0 10332.0 TYPE= 1 TARGET= 525.000

32.860	10.74	1385.64	1384.87	1385.51	1387.24	1.60	1.90	.13	1380.40
19000.0	3793.5	14657.9	548.7	463.5	1362.8	147.4	25510.8	4849.5	1386.50
7.75	8.18	10.76	3.72	.045	.045	.050	.000	1374.90	9807.00
.009131	280.	380.	580.	3	14	0	.00	444.45	10332.00

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SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*SECNO 32.920

3470 ENCROACHMENT STATIONS=     9876.0   10180.0  TYPE=      1  TARGET=      304.000
   32.920      7.36   1388.36   1387.46   1388.40   1390.19      1.83      2.88       .07   1382.70
  19000.0     260.0   17857.6     882.4      42.3    1613.7     134.3   25524.2    4852.3   1383.10
     7.75      6.14     11.07      6.57      .045      .045      .050      .000   1381.00   9876.07
 .009445      290.      310.      370.         2        14         0       .00    303.93  10180.00


*SECNO 32.979

3301 HV CHANGED MORE THAN HVINS


3470 ENCROACHMENT STATIONS=     9857.0   10099.0  TYPE=      1  TARGET=      242.000
   32.979     11.43   1391.13   1390.50   1391.12   1393.74      2.61      3.31       .23   1384.70
  19000.0    5214.2   13785.8        .0     438.4    1033.8        .0   25536.0    4854.2   1394.40
     7.76     11.89     13.33       .00      .045      .045      .000      .000   1379.70   9857.19
 .011798      310.      315.      330.         2        14         0       .00    219.01  10076.20


*SECNO 32.984
BTCARD, BRIDGE STENCL=    9824.00   STENCR=   10082.00

3370 NORMAL BRIDGE, NRD=  18 MIN ELTRD=  1432.00 MAX ELLC=  1427.30


3470 ENCROACHMENT STATIONS=     9824.0   10082.0  TYPE=      1  TARGET=      258.000
           ****************************
           *****   STATE ROUTE 74   ****
           ***** LOW CHORD = 1427.0 ****
           ****************************
   32.984     13.04   1391.44   1391.05   1391.39   1394.12      2.68       .37       .02   1386.60
  19000.0    8294.2    5039.5    5666.3     660.6     382.8     406.0   25537.0    4854.3   1380.20
     7.76     12.56     13.16     13.96      .045      .045      .050      .000   1378.40   9824.00
 .014521       28.       28.       28.        15        18         0   -186.98    258.00  10082.00


*SECNO 32.993

3301 HV CHANGED MORE THAN HVINS
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 1432.00 MAX ELLC= 1427.30

3470 ENCROACHMENT STATIONS= 9816.0 10093.0 TYPE= 1 TARGET= 277.000

32.993	14.57	1392.97	1391.03	1392.97	1394.68	1.70	.46	.10	1386.60
19000.0	8974.1	4468.6	5557.2	863.4	442.4	509.7	25538.7	4854.6	1380.20
7.76	10.39	10.10	10.90	.045	.045	.050	.000	1378.40	9817.14
.007506	45.	45.	45.	4	18	0	-232.42	275.12	10092.26

*SECNO 32.998

3470 ENCROACHMENT STATIONS= 9842.0 10109.0 TYPE= 1 TARGET= 267.000

32.998	11.72	1393.12	1391.65	1393.16	1394.92	1.80	.21	.03	1389.00
19000.0	77.5	18922.5	.0	17.1	1753.0	.0	25539.8	4854.8	1393.10
7.76	4.53	10.79	.00	.045	.045	.000	.000	1381.40	9842.69
.008296	27.	27.	27.	2	19	0	.00	265.37	10108.06

*SECNO 33.060

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.16

3470 ENCROACHMENT STATIONS= 9729.0 10090.0 TYPE= 1 TARGET= 361.000

33.060	12.41	1395.51	1390.31	1395.52	1396.07	.56	1.02	.12	1386.00
19000.0	10511.2	8487.7	1.2	1585.3	1648.5	1.5	25557.3	4857.0	1394.70
7.78	6.63	5.15	.75	.045	.050	.045	.000	1383.10	9729.12
.001785	275.	320.	330.	2	14	0	.00	357.68	10086.79

*SECNO 33.120

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.60

3470 ENCROACHMENT STATIONS= 9600.0 10090.0 TYPE= 1 TARGET= 490.000

33.120	11.98	1396.18	1389.59	1396.19	1396.41	.23	.31	.03	1386.90
19000.0	8654.9	10338.7	6.4	2182.5	2790.6	7.9	25584.9	4859.8	1388.00
7.80	3.97	3.70	.81	.045	.050	.045	.000	1384.20	9600.00
.000697	260.	320.	330.	2	18	0	.00	490.00	10090.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 33.190

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .70

3470 ENCROACHMENT STATIONS= 9440.0 10029.0 TYPE= 1 TARGET= 589.000

33.190	10.63	1396.43	1392.36	1396.38	1396.74	.31	.31	.02	1389.50
19000.0	10580.9	8419.1	.0	2434.9	1824.2	.0	25618.9	4863.7	1400.00
7.82	4.35	4.62	.00	.045	.050	.000	.000	1385.80	9440.00
.001424	290.	350.	350.	2	11	0	.00	580.97	10020.97

*SECNO 33.250

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .66

3470 ENCROACHMENT STATIONS= 9600.0 10099.0 TYPE= 1 TARGET= 499.000

33.250	11.68	1396.88	1394.16	1396.43	1397.47	.59	.65	.08	1391.20
19000.0	8238.7	10761.3	.0	1445.8	1651.2	.0	25645.2	4867.6	1398.00
7.83	5.70	6.52	.00	.045	.050	.000	.000	1385.20	9600.00
.003278	310.	315.	320.	2	9	0	.00	489.45	10089.45

*SECNO 33.290

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .69

3470 ENCROACHMENT STATIONS= 9740.0 10059.0 TYPE= 1 TARGET= 319.000

33.290	17.17	1397.47	1395.55	1397.73	1398.71	1.25	1.04	.20	1393.20
19000.0	6541.3	12458.7	.0	767.7	1357.4	.0	25658.8	4869.6	1398.20
7.84	8.52	9.18	.00	.045	.050	.000	.000	1380.30	9740.00
.006845	215.	235.	250.	2	15	0	.00	315.62	10055.62

*SECNO 33.300

3301 HV CHANGED MORE THAN HVINS

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.97

3470 ENCROACHMENT STATIONS= 9786.0 10091.0 TYPE= 1 TARGET= 305.000

33.300	17.92	1398.32	1391.29	1398.61	1398.93	.61	.16	.06	1396.20
19000.0	116.0	18884.0	.0	58.0	3013.7	.0	25661.8	4870.0	1399.70
7.84	2.00	6.27	.00	.045	.050	.000	.000	1380.40	9786.00
.001769	50.	50.	50.	2	14	0	.00	297.60	10083.60

*SECNO 33.360

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 9848.0 10327.0 TYPE= 1 TARGET= 479.000

33.360	16.96	1398.86	1393.30	1399.10	1399.55	.69	.60	.03	1418.40
19000.0	.0	14646.2	4353.8	.0	2047.5	924.0	25682.9	4872.3	1402.20
7.86	.00	7.15	4.71	.000	.050	.045	.000	1381.90	9910.05
.002171	230.	305.	305.	2	14	0	.00	358.04	10327.00

*SECNO 33.410

3470 ENCROACHMENT STATIONS= 9943.0 10367.0 TYPE= 1 TARGET= 424.000

33.410	12.64	1399.54	1395.07	1399.74	1400.33	.79	.75	.03	1408.30
19000.0	.0	19000.0	.0	.0	2665.6	.0	25701.3	4874.5	1406.80
7.87	.00	7.13	.00	.000	.050	.000	.000	1386.90	9966.91
.003352	250.	275.	335.	2	11	0	.00	313.41	10280.32

*SECNO 33.460

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 9880.0 10230.0 TYPE= 1 TARGET= 350.000

33.460	18.73	1400.63	1389.02	1400.77	1400.75	.13	.35	.07	1405.40
9000.0	.0	8901.4	98.6	.0	3110.0	92.6	25719.9	4876.6	1397.00
7.89	.00	2.86	1.07	.000	.050	.045	.000	1381.90	9898.87
.000394	250.	275.	355.	2	11	0	.00	331.13	10230.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 33.540

3470 ENCROACHMENT STATIONS= 9851.0 10230.0 TYPE= 1 TARGET= 379.000

33.540	16.39	1400.79	1391.71	1400.93	1400.97	.17	.20	.01	1406.10
9000.0	.0	9000.0	.0	.0	2681.6	.0	25747.0	4879.4	1410.40
7.93	.00	3.36	.00	.000	.050	.000	.000	1384.40	9881.83
.000666	390.	400.	410.	2	18	0	.00	290.52	10172.35

*SECNO 33.630

3470 ENCROACHMENT STATIONS= 9856.0 10141.0 TYPE= 1 TARGET= 285.000

33.630	17.16	1401.16	1393.78	1401.28	1401.48	.32	.47	.04	1406.10
9000.0	.0	9000.0	.0	.0	1977.6	.0	25774.2	4882.5	1404.50
7.96	.00	4.55	.00	.000	.050	.000	.000	1384.00	9890.60
.001330	525.	510.	475.	2	14	0	.00	226.57	10117.17

*SECNO 33.730

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .64

3470 ENCROACHMENT STATIONS= 9803.0 10110.0 TYPE= 1 TARGET= 307.000

33.730	11.43	1401.93	1398.92	1402.02	1402.53	.60	.97	.08	1409.00
9000.0	1213.3	7666.7	120.1	268.5	1179.5	31.9	25793.7	4885.1	1397.00
7.98	4.52	6.50	3.76	.045	.050	.045	.000	1390.50	9803.00
.003220	500.	490.	480.	2	11	0	.00	238.71	10110.00

*SECNO 33.820

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.47

3470 ENCROACHMENT STATIONS= 9708.0 10069.0 TYPE= 1 TARGET= 361.000

33.820	15.73	1403.13	1395.31	1403.11	1403.60	.47	1.06	.01	1417.10
9000.0	8.6	8991.4	.0	10.0	1635.3	.0	25811.6	4887.4	1405.90
8.00	.86	5.50	.00	.045	.050	.000	.000	1387.40	9708.00
.001494	500.	500.	500.	2	19	0	.00	168.67	10061.27

THIS RUN EXECUTED 29OCT96 07:52:16

****
HEC-2 WATER SURFACE PROFILES

Version 4.6.0; February 1991
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EAR EVENT EXISTING CO

SUMMARY PRINTOUT

SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
.160	50900.00	916.56	8.26	916.97	914.69	7.34	30.27	.00	8341.80	4294.83	15428.20	.00
.160	50900.00	917.25	8.95	917.83	915.29	7.89	30.13	.00	9300.00	2253.86	11600.00	.00
.250	50900.00	918.11	7.21	918.55	916.99	8.37	33.39	495.00	8257.13	5866.30	15619.22	56.84
.250	50900.00	918.80	7.90	919.45	917.31	9.06	34.88	495.00	9250.00	2282.18	11600.00	[illegible]
.350	50900.00	919.61	8.21	919.98	918.37	7.97	26.17	485.00	7635.16	8121.07	15794.62	134.71
.350	50900.00	920.37	8.97	920.93	918.80	8.53	26.74	485.00	9130.00	2529.57	11690.00	52.22
.440	50900.00	920.88	8.08	921.15	919.21	5.53	19.66	505.00	7488.57	8028.40	15768.64	228.46
.440	50900.00	921.76	8.96	922.19	919.76	6.53	22.34	505.00	8970.00	2637.86	11640.00	82.31
.540	50900.00	921.96	8.26	922.29	920.74	7.45	24.08	505.00	6959.29	8732.60	15871.39	325.79
.540	50900.00	922.89	9.19	923.34	921.14	7.66	22.17	505.00	8920.00	2525.98	11540.00	112.47
.630	50900.00	923.29	7.59	923.61	922.39	7.69	28.19	505.00	7182.83	8199.52	15492.44	423.36
.630	50900.00	924.13	8.43	924.64	922.61	8.31	28.77	505.00	8970.00	2379.27	11440.00	140.92
.730	50900.00	924.67	7.77	924.95	922.98	7.26	25.27	500.00	6254.15	8818.85	15161.71	520.60
.730	50900.00	925.50	8.60	925.87	922.99	7.06	20.87	500.00	8980.00	2229.33	11280.00	167.32
.830	50900.00	925.91	8.61	926.14	924.41	7.29	22.79	495.00	4842.36	9559.34	14433.17	625.02
.830	50900.00	926.55	9.25	927.02	924.57	8.08	24.79	495.00	8983.00	2141.69	11150.00	192.16
.920	50900.00	926.85	7.55	927.16	925.68	6.37	22.29	440.00	5271.86	8129.20	13964.74	714.87
.920	50900.00	927.58	8.28	928.17	925.73	7.33	25.38	440.00	9100.00	1962.40	11130.00	212.97
1.010	50900.00	927.79	6.59	928.20	926.20	6.41	23.53	440.00	9192.46	3917.41	13197.17	775.71
1.010	50900.00	928.67	7.47	929.15	926.42	6.42	19.50	440.00	9300.00	1914.39	11250.00	232.55
1.100	50900.00	928.81	9.31	929.13	926.40	5.38	15.62	490.00	8913.49	4213.90	13308.20	[illegible]
1.100	50900.00	929.57	10.07	930.08	927.00	6.30	18.28	490.00	9450.00	1707.79	11220.00	252.71

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	1.170	50900.00	929.80	6.20	930.23	928.62	6.80	26.58	540.00	8149.64	4764.36	12948.76	873.80
	1.170	50900.00	930.62	7.02	931.37	928.91	7.78	29.12	540.00	9400.00	1594.13	11020.00	272.85
	1.250	50900.00	931.02	6.62	931.89	930.54	8.96	37.81	485.00	8456.84	3678.81	12152.72	920.84
	1.250	50900.00	931.89	7.49	933.02	930.68	9.29	34.58	485.00	9200.00	1488.69	10700.00	289.97
	1.330	50900.00	932.95	7.45	933.43	932.04	7.28	25.06	495.00	6424.93	4579.95	11363.67	967.36
	1.330	50900.00	933.78	8.28	934.57	932.28	8.28	27.55	495.00	8853.00	1617.00	10470.00	307.41
	1.400	50900.00	934.16	7.06	935.11	934.00	9.53	46.63	475.00	6178.61	3913.30	10865.99	1010.75
	1.400	50900.00	935.08	7.98	936.05	934.15	9.08	35.20	475.00	8550.00	1755.32	10306.00	324.64
*	1.480	50900.00	935.99	9.29	936.37	934.56	5.88	15.22	505.00	6274.27	3962.32	10355.62	1052.82
*	1.480	50900.00	936.68	9.98	937.21	934.51	6.42	15.93	505.00	8370.00	1910.00	10280.00	344.45
*	1.560	50900.00	936.55	10.45	936.78	932.42	4.68	5.74	495.00	6487.80	3645.60	10166.90	1087.43
*	1.560	50900.00	937.34	11.24	937.68	932.38	5.26	6.56	495.00	8330.00	1838.53	10168.53	362.54
	1.640	50900.00	936.82	8.92	937.09	932.62	4.53	6.82	510.00	6727.81	3658.96	10424.44	1122.12
	1.640	50900.00	937.69	9.79	937.99	932.61	4.58	6.10	510.00	8360.00	1952.00	10312.00	381.71
	1.710	50900.00	937.17	8.97	937.45	933.72	4.68	8.59	495.00	6281.60	4024.60	10338.71	1158.33
	1.710	50900.00	937.99	9.79	938.35	933.67	4.94	8.32	495.00	8350.00	1935.00	10285.00	401.49
	1.790	50900.00	937.57	8.37	937.99	934.66	5.50	13.71	500.00	6226.12	4010.49	10305.46	1190.06
	1.790	50900.00	938.42	9.22	938.82	934.67	5.17	10.32	500.00	8260.00	1993.00	10253.00	420.17
	1.870	50900.00	938.21	7.41	938.76	936.02	6.28	19.82	475.00	6224.13	3779.28	10051.00	1215.96
	1.870	50900.00	938.90	8.10	939.44	935.96	5.99	15.63	475.00	8190.00	1861.00	10051.00	436.85
	1.940	50900.00	939.25	6.95	939.67	937.28	5.56	17.49	520.00	6252.38	3759.83	10058.70	1242.87
	1.940	50900.00	939.76	7.46	940.27	937.11	5.78	16.89	520.00	8210.00	1849.14	10059.14	454.96
	2.020	50900.00	940.05	7.35	940.44	938.57	5.64	19.44	470.00	6530.23	3496.83	10070.43	1268.75
	2.020	50900.00	940.57	7.87	941.24	938.68	6.75	24.58	470.00	8410.00	1661.18	10071.18	471.39
	2.100	50900.00	940.84	6.54	941.37	939.63	6.51	25.79	440.00	6926.31	3200.74	10158.57	1294.67
	2.100	50900.00	941.60	7.30	942.31	939.60	6.93	24.42	440.00	8640.00	1519.46	10159.46	486.01
	2.180	50900.00	941.75	7.35	942.25	940.48	6.41	21.70	400.00	7350.13	3048.62	10398.75	1317.74
	2.180	50900.00	942.54	8.14	943.18	940.26	6.72	20.13	400.00	8920.00	1479.69	10399.69	498.64
	2.250	50900.00	942.68	7.68	943.35	941.73	7.75	28.60	490.00	7655.51	2702.61	10358.12	1339.35
	2.250	50900.00	943.43	8.43	944.33	941.77	8.30	28.34	490.00	9000.00	1358.98	10358.98	511.56
	2.330	50900.00	943.98	7.78	944.45	942.42	6.46	20.50	490.00	7725.70	2601.73	10327.43	1364.32
	2.330	50900.00	944.81	8.61	945.50	942.54	7.24	21.84	490.00	8980.00	1349.19	10329.19	525.21
	2.410	50900.00	944.94	7.54	945.48	943.71	6.90	24.98	500.00	8290.50	2513.02	10803.51	1388.05
	2.410	50900.00	945.88	8.48	946.52	943.85	7.05	21.37	500.00	9180.00	1610.00	10790.00	540.25

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	2.510	50900.00	946.07	7.37	946.56	944.16	6.07	19.13	495.00	8616.18	2202.47	10818.65	1414.72
	2.510	50900.00	946.89	8.19	947.45	944.19	6.15	16.53	495.00	9320.00	1503.71	10823.71	557.57
	2.600	50900.00	947.12	7.52	947.59	945.38	5.80	20.54	505.00	8593.04	2550.49	11143.53	1444.01
	2.600	50900.00	947.83	8.23	948.26	945.24	5.48	15.54	505.00	9300.00	1844.33	11144.33	576.51
	2.700	50900.00	948.18	7.78	948.51	946.05	4.78	15.01	500.00	8550.55	2678.92	11229.47	1478.43
	2.700	50900.00	948.64	8.24	948.98	945.99	4.71	12.89	500.00	9180.00	2050.02	11230.02	598.81
	2.800	50900.00	948.88	6.88	949.19	946.24	4.55	12.56	500.00	8957.87	2250.71	11208.58	1506.28
	2.800	50900.00	949.27	7.27	949.57	946.27	4.41	10.74	500.00	9160.00	2049.26	11209.26	622.28
	2.890	50900.00	949.51	6.71	949.83	946.83	4.49	13.65	485.00	9059.70	2187.95	11247.66	1530.99
	2.890	50900.00	949.82	7.02	950.15	946.99	4.58	13.06	485.00	9200.00	2048.14	11248.14	645.09
	2.990	50900.00	950.15	7.85	950.46	947.07	4.53	11.47	510.00	8808.48	2437.41	11245.90	1558.07
	2.990	50900.00	950.43	8.13	950.75	947.08	4.50	10.56	510.00	9323.00	1923.36	11246.36	668.34
	3.080	50900.00	950.69	8.19	950.99	947.04	4.40	9.47	500.00	8930.05	2309.63	11262.86	1585.86
	3.080	50900.00	950.94	8.44	951.22	947.03	4.24	8.37	500.00	9395.80	1867.47	11263.28	690.10
	3.180	50900.00	951.18	7.78	951.62	948.33	5.33	15.00	500.00	8874.25	1897.77	11199.32	1611.47
	3.180	50900.00	951.37	7.97	951.78	948.32	5.16	13.55	500.00	9549.34	1638.41	11199.60	7[illegible]
	3.270	50900.00	951.95	7.45	952.52	949.35	6.06	19.26	510.00	9518.41	1601.76	11120.17	1632.29
	3.270	50900.00	952.07	7.57	952.62	949.35	5.95	18.12	510.00	9692.00	1428.31	11120.31	728.17
	3.370	50900.00	952.88	9.48	953.46	949.91	6.20	17.54	510.00	9253.56	1698.69	10952.25	1652.16
	3.370	50900.00	952.94	9.54	953.58	949.97	6.41	18.57	510.00	9750.00	1202.39	10952.39	743.57
*	3.400	50900.00	952.80	7.70	954.74	952.80	11.19	106.75	175.00	9579.10	1290.49	10914.47	1658.16
*	3.400	50900.00	952.70	7.60	954.75	952.70	11.49	116.23	175.00	9730.00	1138.34	10914.34	748.27
*	3.430	50900.00	954.78	8.78	955.69	952.81	7.67	30.11	165.00	9665.32	1191.45	10856.76	1662.86
*	3.430	50900.00	954.83	8.83	955.72	952.81	7.63	29.49	165.00	9700.00	1156.85	10856.85	752.62
	3.470	50900.00	955.39	9.29	956.25	953.07	7.50	25.65	200.00	9241.47	1555.91	10797.38	1669.17
	3.470	50900.00	955.40	9.30	956.28	953.07	7.55	25.94	200.00	9650.00	1147.39	10797.39	757.91
	3.550	50900.00	956.41	8.41	957.41	954.76	8.30	31.47	395.00	9117.53	1555.33	10672.86	1683.27
	3.550	50900.00	956.43	8.43	957.47	954.74	8.40	32.15	395.00	9540.00	1132.88	10672.88	768.25
	3.640	50900.00	957.84	9.04	959.23	956.14	9.46	40.49	480.00	9765.06	818.99	10584.04	1696.36
	3.640	50900.00	957.90	9.10	959.27	956.14	9.38	39.34	480.00	9764.82	819.30	10584.12	779.00
	3.690	50900.00	958.97	7.97	960.36	957.84	9.46	54.71	240.00	9531.57	1028.78	10560.35	1701.45
	3.690	50900.00	958.99	7.99	960.37	957.84	9.41	53.93	240.00	9530.26	1030.15	10560.41	784.10
*	3.729	50900.00	960.52	8.32	960.94	956.09	5.24	9.19	265.00	9422.37	1173.95	10596.32	17[illegible]
*	3.729	50900.00	960.52	8.32	960.95	956.10	5.23	9.16	265.00	9422.37	1173.96	10596.33	790.80

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	3.734	50900.00	960.50	8.20	961.02	956.40	5.76	14.61	25.00	9407.85	1184.90	10592.76	1708.82
	3.734	50900.00	960.51	8.21	961.02	956.40	5.75	14.56	25.00	9407.84	1184.92	10592.77	791.48
	3.747	50900.00	960.62	8.32	961.12	956.40	5.67	13.97	70.00	9407.74	1185.13	10592.87	1710.73
	3.747	50900.00	960.63	8.33	961.13	956.40	5.67	13.92	70.00	9407.73	1185.15	10592.88	793.38
	3.757	50900.00	960.73	8.63	961.19	956.27	5.44	9.62	50.00	9436.78	1110.62	10547.40	1712.04
	3.757	50900.00	960.74	8.64	961.20	956.27	5.43	9.59	50.00	9436.77	1110.65	10547.41	794.70
*	3.767	50900.00	960.65	7.75	961.42	957.45	7.05	27.86	50.00	9441.23	1053.57	10559.12	1713.29
*	3.767	50900.00	960.66	7.76	961.43	957.45	7.05	27.77	50.00	9441.21	1053.60	10559.14	795.94
	3.770	50900.00	960.72	7.82	961.48	957.45	6.99	27.07	20.00	9441.07	1053.87	10559.26	1713.77
	3.770	50900.00	960.73	7.83	961.49	957.45	6.98	26.99	20.00	9441.05	1053.91	10559.28	796.43
*	3.780	52000.00	961.01	8.11	961.55	957.16	5.94	9.22	35.00	9453.58	1109.91	10563.49	1714.64
*	3.780	52000.00	961.01	8.11	961.56	957.16	5.94	9.19	35.00	9453.57	1109.93	10563.50	797.30
	3.800	52000.00	961.12	8.02	961.67	957.35	5.96	9.48	125.00	9450.26	1123.21	10573.47	1717.84
	3.800	52000.00	961.13	8.03	961.68	957.35	5.96	9.45	125.00	9450.25	1123.24	10573.49	800.50
	3.810	52000.00	961.10	7.80	961.80	957.79	6.72	12.58	80.00	9456.07	1025.13	10566.47	1719.82
	3.810	52000.00	961.11	7.81	961.81	957.79	6.71	12.54	80.00	9456.06	1025.17	10566.48	802.47
	3.830	52000.00	961.41	8.61	961.93	957.43	5.77	8.63	105.00	9434.55	1135.18	10569.73	1722.42
	3.830	52000.00	961.42	8.62	961.94	957.43	5.77	8.61	105.00	9434.54	1135.19	10569.74	805.08
	3.930	52000.00	961.84	8.34	962.42	958.22	6.11	10.12	500.00	9453.42	1112.22	10565.64	1735.32
	3.930	52000.00	961.84	8.34	962.42	958.22	6.10	10.10	500.00	9453.42	1112.23	10565.65	817.98
	4.020	52000.00	962.36	8.46	962.88	958.33	5.80	8.53	500.00	9452.83	1112.03	10564.85	1748.08
	4.020	52000.00	962.37	8.47	962.89	958.33	5.80	8.52	500.00	9452.82	1112.04	10564.86	830.74
	4.040	52000.00	962.33	7.83	963.05	959.07	6.81	12.96	100.00	9461.15	1013.61	10572.37	1750.52
	4.040	52000.00	962.33	7.83	963.05	959.07	6.80	12.94	100.00	9461.15	1013.63	10572.38	833.18
	4.060	52000.00	962.61	7.71	963.20	959.08	6.18	10.55	120.00	9454.74	1112.42	10567.17	1753.45
	4.060	52000.00	962.61	7.71	963.20	959.08	6.18	10.53	120.00	9454.74	1112.43	10567.17	836.11
	4.092	52000.00	962.78	7.58	963.38	959.31	6.22	10.77	170.00	9454.53	1111.99	10566.52	1757.79
	4.092	52000.00	962.79	7.59	963.39	959.31	6.22	10.76	170.00	9454.52	1112.00	10566.52	840.45
*	4.094	52000.00	962.61	4.11	964.67	962.61	11.52	83.15	10.00	9458.06	1105.60	10563.66	1758.05
*	4.094	52000.00	962.61	4.11	964.67	962.61	11.52	83.13	10.00	9458.06	1105.60	10563.66	840.71
*	4.160	52000.00	965.04	7.84	965.75	962.20	6.78	14.47	330.00	9461.40	1120.20	10581.59	1766.48
*	4.160	52000.00	965.04	7.84	965.75	962.20	6.78	14.47	330.00	9461.40	1120.20	10581.59	849.14
	4.260	52000.00	965.75	8.75	966.50	963.02	6.91	15.23	495.00	9427.01	1113.03	10540.04	1779.17
	4.260	52000.00	965.75	8.75	966.50	963.02	6.91	15.23	495.00	9427.01	1113.03	10540.04	861.83

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	4.270	52000.00	965.88	8.78	966.66	962.95	7.11	14.99	100.00	9458.96	1016.78	10573.50	1781.61
	4.270	52000.00	965.88	8.78	966.66	962.95	7.11	14.99	100.00	9458.96	1016.78	10573.50	864.27
	4.300	52000.00	966.19	8.59	966.83	962.92	6.40	11.83	115.00	9467.63	1113.12	10580.75	1784.42
	4.300	52000.00	966.19	8.59	966.83	962.92	6.40	11.83	115.00	9467.63	1113.12	10580.75	867.08
	4.390	52000.00	966.77	9.17	967.37	963.29	6.20	10.71	480.00	9452.43	1119.10	10571.53	1796.72
	4.390	52000.00	966.77	9.17	967.37	963.29	6.20	10.71	480.00	9452.43	1119.10	10571.53	879.38
	4.480	52000.00	967.33	9.53	967.86	963.38	5.85	8.81	500.00	9451.96	1118.08	10570.05	1809.56
	4.480	52000.00	967.33	9.53	967.86	963.38	5.85	8.81	500.00	9451.96	1118.08	10570.05	892.22
	4.500	52000.00	967.38	9.58	967.98	963.38	6.21	9.50	110.00	9453.77	1010.03	10565.56	1812.25
	4.500	52000.00	967.38	9.58	967.98	963.38	6.21	9.50	110.00	9453.77	1010.03	10565.56	894.91
	4.520	52000.00	967.57	9.57	968.10	963.59	5.86	8.77	120.00	9450.06	1106.92	10556.97	1815.16
	4.520	52000.00	967.57	9.57	968.10	963.59	5.86	8.77	120.00	9450.06	1106.92	10556.97	897.82
	4.600	52000.00	967.95	9.85	968.47	963.87	5.77	8.38	425.00	9459.72	1111.27	10571.00	1825.99
	4.600	52000.00	967.95	9.85	968.47	963.87	5.77	8.38	425.00	9459.72	1111.27	10571.00	908.64
	4.700	52000.00	968.36	9.26	968.93	964.68	6.06	9.83	500.00	9460.50	1107.42	10567.92	1838.72
	4.700	52000.00	968.36	9.26	968.93	964.68	6.06	9.83	500.00	9460.50	1107.42	10567.92	9[illegible]
	4.754	52000.00	968.58	8.28	969.18	964.65	6.23	11.54	225.00	9438.46	1123.93	10562.39	1844.48
	4.754	52000.00	968.58	8.28	969.18	964.65	6.23	11.54	225.00	9438.46	1123.93	10562.39	927.14
	4.759	52000.00	968.69	8.39	969.27	964.65	6.14	11.05	77.00	9438.36	1124.12	10562.48	1846.47
	4.759	52000.00	968.69	8.39	969.27	964.65	6.14	11.05	77.00	9438.36	1124.12	10562.48	929.13
*	4.790	52000.00	968.75	7.65	969.68	966.78	7.78	22.70	200.00	9458.38	1115.25	10573.63	1851.61
*	4.790	52000.00	968.75	7.65	969.68	966.78	7.78	22.70	200.00	9458.38	1115.25	10573.63	934.27
	4.890	52000.00	969.89	8.09	970.68	967.58	7.15	18.29	485.00	9396.01	1169.84	10565.86	1864.33
	4.890	52000.00	969.89	8.09	970.68	967.58	7.15	18.29	485.00	9396.01	1169.84	10565.86	946.99
	4.980	52000.00	970.88	8.08	971.50	968.06	6.34	13.42	515.00	9362.94	1250.71	10613.65	1878.64
	4.980	52000.00	970.88	8.08	971.50	968.06	6.34	13.42	515.00	9362.94	1250.71	10613.65	961.30
	5.000	52000.00	970.98	7.58	971.63	968.00	6.46	13.10	88.00	9358.10	1169.86	10622.12	1881.08
	5.000	52000.00	970.98	7.58	971.63	968.00	6.46	13.10	88.00	9358.10	1169.86	10622.12	963.74
	5.020	52000.00	971.10	7.00	971.78	968.63	6.59	15.74	100.00	9355.88	1281.89	10637.77	1883.90
	5.020	52000.00	971.10	7.00	971.78	968.63	6.59	15.74	100.00	9355.88	1281.89	10637.77	966.56
	5.100	52000.00	971.78	6.58	972.66	970.21	7.55	26.35	410.00	9322.67	1344.91	10667.57	1896.26
	5.100	52000.00	971.78	6.58	972.66	970.21	7.55	26.35	410.00	9322.67	1344.91	10667.57	978.92
	5.150	52000.00	972.48	5.08	973.77	971.86	9.10	51.36	275.00	9306.95	1388.65	10695.61	19[illegible]
	5.150	52000.00	972.48	5.08	973.77	971.86	9.10	51.36	275.00	9306.95	1388.65	10695.61	987.55

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	5.201	52000.00	973.91	4.81	974.85	972.62	7.78	30.61	270.00	9304.89	1392.04	10696.92	1913.51
	5.201	52000.00	973.91	4.81	974.85	972.62	7.78	30.61	270.00	9304.89	1392.04	10696.92	996.17
*	5.203	52000.00	973.52	3.52	975.29	973.52	10.66	87.12	10.00	9306.07	1389.49	10695.56	1913.83
*	5.203	52000.00	973.52	3.52	975.29	973.52	10.66	87.12	10.00	9306.07	1389.49	10695.56	996.48
*	5.250	52000.00	975.63	5.43	976.73	974.67	8.43	39.40	245.00	9308.63	1377.96	10686.59	1921.61
*	5.250	52000.00	975.63	5.43	976.73	974.67	8.43	39.40	245.00	9308.63	1377.96	10686.59	1004.27
	5.270	52000.00	976.03	5.33	977.31	975.21	9.07	45.04	125.00	9329.95	1266.62	10659.78	1925.40
	5.270	52000.00	976.03	5.33	977.31	975.21	9.07	45.04	125.00	9329.95	1266.62	10659.78	1008.06
	5.290	52000.00	976.95	5.45	977.80	975.19	7.40	28.66	125.00	9267.73	1385.94	10653.67	1929.21
	5.290	52000.00	976.95	5.45	977.80	975.19	7.40	28.66	125.00	9267.73	1385.94	10653.67	1011.87
	5.305	52000.00	977.18	5.68	977.96	975.19	7.11	25.31	60.00	9267.33	1386.66	10653.99	1931.12
	5.305	52000.00	977.18	5.68	977.96	975.19	7.11	25.31	60.00	9267.33	1386.66	10653.99	1013.78
	5.317	54400.00	977.28	5.58	978.17	975.51	7.55	29.09	65.00	9267.36	1386.60	10653.96	1933.19
	5.317	54400.00	977.28	5.58	978.17	975.51	7.55	29.09	65.00	9267.36	1386.60	10653.96	1015.85
	5.328	54400.00	977.53	5.83	978.34	975.51	7.24	25.43	60.00	9266.91	1387.41	10654.33	1935.10
	5.328	54400.00	977.53	5.83	978.34	975.51	7.24	25.43	60.00	9266.91	1387.41	10654.33	1017.76
	5.380	54400.00	978.16	6.76	979.12	976.59	7.86	27.00	280.00	9351.35	1292.39	10643.74	1943.71
	5.380	54400.00	978.16	6.76	979.12	976.59	7.86	27.00	280.00	9351.35	1292.39	10643.74	1026.37
	5.480	54400.00	979.55	6.85	980.35	977.34	7.17	19.02	540.00	9310.00	1256.16	10566.16	1959.48
	5.480	54400.00	979.55	6.85	980.35	977.34	7.17	19.02	540.00	9310.00	1256.16	10566.16	1042.13
	5.510	54400.00	979.67	6.97	980.81	978.19	8.59	30.57	150.00	9320.00	1138.12	10554.65	1963.60
	5.510	54400.00	979.67	6.97	980.81	978.19	8.59	30.57	150.00	9320.00	1138.12	10554.65	1046.26
	5.540	54400.00	980.21	7.61	981.22	978.57	8.09	27.03	140.00	9330.00	1209.04	10539.04	1967.37
	5.540	54400.00	980.21	7.61	981.22	978.57	8.09	27.03	140.00	9330.00	1209.04	10539.04	1050.03
	5.650	54400.00	981.63	8.73	982.37	978.75	6.90	14.57	580.00	9419.23	1126.80	10546.03	1982.92
	5.650	54400.00	981.63	8.73	982.37	978.75	6.90	14.57	580.00	9419.23	1126.80	10546.03	1065.58
	5.689	54400.00	982.07	8.22	982.66	978.18	6.17	11.35	210.00	9385.82	1152.46	10538.28	1988.41
	5.689	54400.00	982.07	8.22	982.66	978.18	6.17	11.35	210.00	9385.82	1152.46	10538.28	1071.07
	5.700	54400.00	982.14	8.29	982.73	978.18	6.12	11.03	60.00	9385.70	1152.70	10538.40	1990.00
	5.700	54400.00	982.14	8.29	982.73	978.18	6.12	11.03	60.00	9385.70	1152.70	10538.40	1072.66
	5.750	54400.00	982.44	8.74	983.13	979.31	6.71	13.12	310.00	9452.74	1119.25	10571.99	1998.08
	5.750	54400.00	982.44	8.74	983.13	979.31	6.71	13.12	310.00	9452.74	1119.25	10571.99	1080.74
	5.770	54400.00	982.62	9.12	983.33	979.53	6.73	13.36	145.00	9435.38	1123.63	10559.01	2001.82
	5.770	54400.00	982.62	9.12	983.33	979.53	6.73	13.36	145.00	9435.38	1123.63	10559.01	1084.48

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	5.790	54400.00	982.64	8.04	983.70	980.59	8.27	23.40	155.00	9443.50	1015.97	10557.55	2005.62
	5.790	54400.00	982.64	8.04	983.70	980.59	8.27	23.40	155.00	9443.50	1015.97	10557.55	1088.28
	5.810	54400.00	983.29	8.69	984.00	980.19	6.74	13.25	150.00	9449.75	1110.69	10560.44	2009.29
	5.810	54400.00	983.29	8.69	984.00	980.19	6.74	13.25	150.00	9449.75	1110.69	10560.44	1091.94
	5.900	54400.00	983.96	8.56	984.73	981.21	7.06	15.51	500.00	9439.50	1112.51	10552.01	2022.05
	5.900	54400.00	983.96	8.56	984.73	981.21	7.06	15.51	500.00	9439.50	1112.51	10552.01	1104.70
	5.990	54400.00	984.73	9.23	985.51	981.95	7.06	15.45	500.00	9439.35	1109.63	10548.99	2034.80
	5.990	54400.00	984.73	9.23	985.51	981.95	7.06	15.45	500.00	9439.35	1109.63	10548.99	1117.46
	6.070	54400.00	985.38	8.68	986.13	982.47	6.93	14.52	410.00	9424.20	1112.14	10536.34	2045.25
	6.070	54400.00	985.38	8.68	986.13	982.47	6.93	14.52	410.00	9424.20	1112.14	10536.34	1127.91
	6.160	54400.00	986.11	7.01	986.90	983.45	7.13	16.05	500.00	9428.99	1114.84	10543.83	2058.04
	6.160	54400.00	986.11	7.01	986.90	983.45	7.13	16.05	500.00	9428.99	1114.84	10543.83	1140.69
	6.260	54400.00	986.93	6.73	987.92	985.00	7.99	23.47	500.00	9435.08	1115.70	10550.78	2070.84
	6.260	54400.00	986.93	6.73	987.92	985.00	7.99	23.47	500.00	9435.08	1115.70	10550.78	1153.50
	6.350	54400.00	988.10	7.60	989.02	985.86	7.71	20.32	500.00	9455.46	1094.92	10550.39	2083.52
	6.350	54400.00	988.10	7.60	989.02	985.86	7.71	20.32	500.00	9455.46	1094.92	10550.39	11[illegible]
	6.430	54400.00	989.00	8.00	990.20	987.47	8.79	30.37	445.00	9461.07	1066.53	10527.60	2094.57
	6.430	54400.00	989.00	8.00	990.20	987.47	8.79	30.37	445.00	9461.07	1066.53	10527.60	1177.22
*	6.520	54400.00	990.38	8.88	991.06	987.11	6.65	12.45	440.00	9469.62	1095.24	10564.86	2105.48
*	6.520	54400.00	990.38	8.88	991.06	987.11	6.65	12.45	440.00	9469.62	1095.24	10564.86	1188.14
	6.540	54400.00	990.27	7.87	991.32	988.10	8.20	22.23	90.00	9473.14	1001.00	10572.97	2107.65
	6.540	54400.00	990.27	7.87	991.32	988.10	8.20	22.23	90.00	9473.14	1001.00	10572.97	1190.31
	6.560	54400.00	990.79	8.69	991.52	987.82	6.88	14.12	100.00	9473.24	1107.89	10581.13	2110.07
	6.560	54400.00	990.79	8.69	991.52	987.82	6.88	14.12	100.00	9473.24	1107.89	10581.13	1192.73
	6.590	54400.00	991.11	9.31	991.72	987.44	6.25	10.31	150.00	9462.66	1112.03	10574.69	2113.89
	6.590	54400.00	991.11	9.31	991.72	987.44	6.25	10.31	150.00	9462.66	1112.03	10574.69	1196.55
	6.610	54400.00	991.04	9.24	991.94	988.47	7.60	18.85	100.00	9448.77	1066.40	10562.54	2116.39
	6.610	54400.00	991.04	9.24	991.94	988.47	7.60	18.85	100.00	9448.77	1066.40	10562.54	1199.05
	6.640	54400.00	991.50	9.10	992.19	988.30	6.65	12.66	150.00	9454.60	1112.14	10566.75	2120.14
	6.640	54400.00	991.50	9.10	992.19	988.30	6.65	12.66	150.00	9454.60	1112.14	10566.75	1202.80
	6.660	54400.00	991.60	9.40	992.43	989.01	7.32	17.46	135.00	9476.36	1112.30	10588.65	2123.59
	6.660	54400.00	991.60	9.40	992.43	989.01	7.32	17.46	135.00	9476.36	1112.30	10588.65	1206.25
	6.690	54400.00	991.98	9.78	992.63	988.54	6.45	11.44	125.00	9462.53	1112.59	10575.13	21[illegible]
	6.690	54400.00	991.98	9.78	992.63	988.54	6.45	11.44	125.00	9462.53	1112.59	10575.13	1209.44

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	6.710	54400.00	992.11	10.61	992.76	988.17	6.47	10.26	125.00	9463.26	1013.34	10574.14	2129.83
	6.710	54400.00	992.11	10.61	992.76	988.17	6.47	10.26	125.00	9463.26	1013.34	10574.14	1212.49
	6.730	54400.00	992.30	9.90	992.88	988.46	6.11	9.54	110.00	9461.58	1112.35	10573.93	2132.52
	6.730	54400.00	992.30	9.90	992.88	988.46	6.11	9.54	110.00	9461.58	1112.35	10573.93	1215.17
*	6.770	54400.00	991.88	6.78	993.71	991.55	10.86	64.09	230.00	9457.39	1102.91	10560.30	2138.37
*	6.770	54400.00	991.88	6.78	993.71	991.55	10.86	64.09	230.00	9457.39	1102.91	10560.30	1221.02
	6.790	54400.00	992.93	8.63	994.26	991.50	9.24	33.11	110.00	9456.73	1001.19	10561.16	2141.02
	6.790	54400.00	992.93	8.63	994.26	991.50	9.24	33.11	110.00	9456.73	1001.19	10561.16	1223.68
	6.820	54400.00	993.73	8.93	994.58	991.24	7.39	17.88	115.00	9457.95	1106.10	10564.05	2143.80
	6.820	54400.00	993.73	8.93	994.58	991.24	7.39	17.88	115.00	9457.95	1106.10	10564.05	1226.46
*	6.890	54400.00	994.18	4.78	995.96	993.79	10.73	62.10	365.00	9454.42	1110.40	10564.82	2153.09
*	6.890	54400.00	994.18	4.78	995.96	993.79	10.73	62.10	365.00	9454.42	1110.40	10564.82	1235.75
	6.910	54400.00	994.81	5.31	996.62	994.32	10.80	56.85	110.00	9443.21	1018.43	10568.00	2155.78
	6.910	54400.00	994.81	5.31	996.62	994.32	10.80	56.85	110.00	9443.21	1018.43	10568.00	1238.43
*	6.930	54400.00	996.11	6.21	997.07	994.12	7.87	22.68	105.00	9432.07	1131.93	10564.01	2158.37
	6.930	54400.00	996.11	6.21	997.07	994.12	7.87	22.68	105.00	9432.07	1131.93	10564.01	1241.03
	6.970	54400.00	996.63	6.23	997.59	994.68	7.85	22.78	230.00	9415.89	1143.00	10558.89	2164.38
	6.970	54400.00	996.63	6.23	997.59	994.68	7.85	22.78	230.00	9415.89	1143.00	10558.89	1247.03
	6.990	54400.00	996.59	6.39	998.05	995.55	9.71	40.61	105.00	9419.31	1032.44	10549.14	2167.00
	6.990	54400.00	996.59	6.39	998.05	995.55	9.71	40.61	105.00	9419.31	1032.44	10549.14	1249.65
*	7.020	54400.00	997.61	8.51	998.43	995.04	7.26	17.02	125.00	9444.65	1115.41	10560.07	2170.08
*	7.020	54400.00	997.61	8.51	998.43	995.04	7.26	17.02	125.00	9444.65	1115.41	10560.07	1252.74
	7.060	54400.00	997.96	8.36	998.88	995.68	7.67	19.90	225.00	9457.82	1092.76	10550.58	2175.78
	7.060	54400.00	997.96	8.36	998.88	995.68	7.67	19.90	225.00	9457.82	1092.76	10550.58	1258.44
	7.080	54400.00	998.08	7.58	999.17	996.04	8.37	23.71	110.00	9466.81	998.41	10554.88	2178.42
	7.080	54400.00	998.08	7.58	999.17	996.04	8.37	23.71	110.00	9466.81	998.41	10554.88	1261.08
	7.100	54400.00	998.35	7.45	999.52	996.82	8.70	29.94	125.00	9451.71	1082.37	10534.08	2181.41
	7.100	54400.00	998.35	7.45	999.52	996.82	8.70	29.94	125.00	9451.71	1082.37	10534.08	1264.06
*	7.200	54400.00	999.80	9.10	1000.56	996.77	7.00	14.17	500.00	9482.05	1063.27	10545.31	2193.72
*	7.200	54400.00	999.80	9.10	1000.56	996.77	7.00	14.17	500.00	9482.05	1063.27	10545.31	1276.38
	7.290	54400.00	1000.48	7.28	1001.57	998.55	8.36	24.23	500.00	9483.22	1022.39	10505.61	2205.69
	7.290	54400.00	1000.48	7.28	1001.57	998.55	8.36	24.23	500.00	9483.22	1022.39	10505.61	1288.35
	7.390	54400.00	1001.69	7.89	1002.60	999.05	7.66	17.62	495.00	9507.39	1002.00	10509.40	2217.19
	7.390	54400.00	1001.69	7.89	1002.60	999.05	7.66	17.62	495.00	9507.39	1002.00	10509.40	1299.85

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	7.490	54400.00	1002.59	7.39	1003.57	1000.13	7.95	19.36	515.00	9517.21	979.92	10497.13	2228.91
	7.490	54400.00	1002.59	7.39	1003.57	1000.13	7.95	19.36	515.00	9517.21	979.92	10497.13	1311.57
	7.580	54400.00	1003.55	8.15	1004.38	1000.36	7.30	14.26	480.00	9517.08	965.56	10482.64	2239.63
	7.580	54400.00	1003.55	8.15	1004.38	1000.36	7.30	14.26	480.00	9517.08	965.56	10482.64	1322.29
*	7.670	54400.00	1004.39	10.09	1004.89	999.25	5.66	6.53	510.00	9521.35	1010.05	10531.40	2251.19
*	7.670	54400.00	1004.39	10.09	1004.89	999.25	5.66	6.53	510.00	9521.35	1010.05	10531.40	1333.85
	7.770	54400.00	1004.68	8.58	1005.37	1001.05	6.63	11.34	500.00	9499.02	1031.78	10530.80	2262.91
	7.770	54400.00	1004.68	8.58	1005.37	1001.05	6.63	11.34	500.00	9499.02	1031.78	10530.80	1345.57
	7.870	54400.00	1005.28	7.88	1005.96	1002.02	6.60	12.34	500.00	9460.36	1113.52	10573.88	2275.23
	7.870	54400.00	1005.28	7.88	1005.96	1002.02	6.60	12.34	500.00	9460.36	1113.52	10573.88	1357.88
	7.960	54400.00	1005.97	7.37	1006.50	1002.61	5.84	10.28	470.00	9346.52	1315.04	10661.56	2288.33
	7.960	54400.00	1005.97	7.37	1006.50	1002.61	5.84	10.28	470.00	9346.52	1315.04	10661.56	1370.98
	7.990	54400.00	1006.18	7.08	1006.68	1002.86	5.68	10.03	175.00	9318.01	1385.60	10703.62	2293.75
	7.990	54400.00	1006.18	7.08	1006.68	1002.86	5.68	10.03	175.00	9318.01	1385.60	10703.62	1376.41
	8.000	54400.00	1006.18	6.98	1006.80	1003.12	6.30	15.15	50.00	9249.43	1461.69	10711.12	2295.39
	8.000	54400.00	1006.18	6.98	1006.80	1003.12	6.30	15.15	50.00	9249.43	1461.69	10711.12	13[illegible]
	8.010	54400.00	1006.33	7.13	1006.92	1003.12	6.17	14.22	75.00	9249.15	1462.25	10711.40	2297.90
	8.010	54400.00	1006.33	7.13	1006.92	1003.12	6.17	14.22	75.00	9249.15	1462.25	10711.40	1380.56
*	8.030	54400.00	1006.19	6.99	1007.12	1004.79	7.72	29.25	50.00	9451.49	1436.45	10887.94	2299.57
*	8.030	54400.00	1006.19	6.99	1007.12	1004.79	7.72	29.25	50.00	9451.49	1436.45	10887.94	1382.22
	8.105	54400.00	1007.40	6.90	1008.04	1005.31	6.49	18.16	397.59	9395.59	1575.09	10970.68	2313.18
	8.105	54400.00	1007.38	6.88	1008.08	1005.40	6.76	19.79	397.59	9470.00	1500.65	10970.65	1395.60
	8.198	54400.00	1008.29	6.79	1009.03	1006.43	6.90	21.20	490.43	9470.48	1493.30	10963.78	2330.37
	8.198	54400.00	1008.35	6.85	1009.08	1006.43	6.83	20.47	490.43	9470.38	1493.46	10963.84	1412.43
	8.325	54400.00	1010.00	7.90	1010.76	1008.31	7.04	32.04	668.82	9483.50	1556.63	11040.13	2353.82
	8.325	54400.00	1010.02	7.92	1010.82	1008.37	7.20	33.35	668.82	9483.48	1506.52	10990.00	1435.48
	8.433	54400.00	1011.98	6.98	1012.96	1010.79	8.41	44.76	572.54	9018.94	1666.40	10992.81	2374.86
	8.433	54400.00	1012.09	7.09	1013.44	1011.31	9.69	57.70	572.54	9250.00	1418.65	10975.00	1454.65
	8.534	54400.00	1014.38	6.58	1014.82	1012.87	5.16	26.52	531.32	8512.76	2607.48	11120.24	2400.99
	8.534	54400.00	1015.12	7.32	1015.74	1013.53	6.40	31.90	531.32	9010.00	1955.00	10965.00	1475.23
	8.646	54400.00	1015.75	7.95	1016.14	1013.59	5.27	19.10	591.78	8772.94	2548.87	11321.82	2435.92
	8.646	54400.00	1016.69	8.89	1017.20	1014.50	5.97	19.27	591.78	9050.00	1940.00	10990.00	1501.71
*	8.768	54400.00	1017.26	8.86	1018.03	1016.64	8.52	44.99	641.67	8182.95	3037.83	11299.11	24[illegible]
	8.768	54400.00	1018.12	9.72	1018.93	1017.08	8.43	35.98	641.67	9275.00	1830.00	11105.00	1529.32

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	8.875	54400.00	1019.52	10.42	1020.29	1018.82	8.18	36.60	565.21	8600.00	2837.14	11450.46	2513.92
	8.875	54400.00	1020.01	10.91	1020.92	1018.93	8.39	34.46	565.21	9525.00	1770.00	11295.00	1551.93
*	8.992	54400.00	1021.34	13.24	1021.78	1018.77	5.47	16.70	619.79	9300.00	2206.57	11513.83	2548.61
*	8.992	54400.00	1021.81	13.71	1022.26	1018.90	5.38	14.50	619.79	9770.00	1695.00	11465.00	1575.10
	9.098	54400.00	1022.22	12.32	1022.64	1019.38	5.21	13.86	561.62	9732.91	1825.25	11558.16	2574.82
	9.098	54400.00	1022.61	12.71	1022.98	1019.39	4.94	11.46	561.62	9820.00	1739.29	11559.29	1597.21
	9.177	54400.00	1022.82	12.42	1023.31	1020.28	5.62	17.13	415.85	9885.95	1692.83	11578.78	2591.63
	9.177	54400.00	1023.11	12.71	1023.55	1020.28	5.35	14.58	415.85	9884.36	1695.44	11579.81	1613.57
	9.191	54400.00	1022.88	12.18	1023.35	.00	5.50	15.84	60.00	9888.19	1685.90	11574.09	2593.95
	9.191	54400.00	1023.16	12.46	1023.59	.00	5.25	13.61	60.00	9887.20	1687.96	11575.16	1615.90
	9.198	54400.00	1022.92	11.82	1023.44	1020.55	5.78	18.87	34.15	9884.46	1692.50	11576.97	2595.28
	9.198	54400.00	1023.19	12.09	1023.66	1020.53	5.50	16.01	34.15	9883.69	1694.50	11578.19	1617.23
	9.266	54400.00	1023.69	9.99	1024.11	1021.32	5.30	17.23	359.00	9441.69	2258.31	11700.00	2611.52
	9.266	54400.00	1023.81	10.11	1024.26	1021.36	5.40	17.35	359.00	9725.00	1895.00	11620.00	1632.02
	9.343	54400.00	1024.39	9.99	1024.92	1022.12	5.86	21.21	407.20	9496.60	2503.80	12100.00	2633.88
	9.343	54400.00	1024.52	10.12	1025.04	1022.12	5.80	20.15	407.20	9618.00	1852.00	11470.00	1649.54
	9.435	54400.00	1025.38	10.18	1025.93	1023.14	6.04	20.55	482.24	9363.65	2307.82	11822.13	2660.68
	9.435	54400.00	1025.46	10.26	1026.03	1022.98	6.05	20.23	482.24	9548.00	1593.80	11141.80	1668.63
	9.519	54400.00	1026.33	10.03	1026.96	1024.44	6.49	24.81	445.93	9358.27	2436.07	11794.34	2684.96
	9.519	54400.00	1026.39	10.09	1027.05	1024.47	6.54	24.74	445.93	9500.00	1660.00	11160.00	1685.29
	9.605	54400.00	1027.42	8.72	1028.08	1025.29	6.54	24.30	453.02	9338.06	2156.08	11770.33	2708.86
	9.605	54400.00	1027.50	8.80	1028.15	1025.29	6.50	23.58	453.02	9510.00	1630.00	11140.00	1702.40
	9.696	54400.00	1028.72	10.02	1029.08	1025.81	4.94	16.24	484.29	9021.69	2678.25	11699.95	2735.35
	9.696	54400.00	1028.76	10.06	1029.68	1027.32	7.75	39.44	484.29	9570.00	1510.00	11080.00	1719.75
*	9.790	30000.00	1029.58	10.08	1029.82	1026.99	4.17	12.29	492.77	9140.72	2809.28	11950.00	2764.74
	9.790	30000.00	1030.49	10.99	1030.73	1026.85	3.90	8.50	492.77	9525.00	1399.00	10924.00	1736.14
*	9.885	30000.00	1030.38	9.28	1030.77	1029.34	5.35	29.31	503.63	9331.20	2494.57	11825.77	2794.40
*	9.885	30000.00	1031.02	9.92	1031.44	1029.21	5.19	22.11	503.63	9328.83	1396.17	10725.00	1752.29
	9.981	30000.00	1031.70	8.90	1032.07	1030.20	5.23	24.27	504.23	9308.54	2526.00	12300.00	2820.00
	9.981	30000.00	1032.13	9.33	1032.60	1029.95	5.51	23.61	504.23	9303.75	1306.25	10610.00	1767.79
	10.071	30000.00	1032.83	7.93	1033.25	1031.25	5.47	26.52	474.54	9231.57	2994.69	12278.55	2846.03
	10.071	30000.00	1033.26	8.36	1033.74	1031.18	5.61	24.42	474.54	9289.00	1231.00	10520.00	1781.49
	10.167	30000.00	1033.82	10.52	1034.24	1031.21	5.41	15.34	512.35	9380.00	2573.33	11977.56	2874.46
	10.167	30000.00	1034.23	10.93	1034.68	1031.31	5.43	14.10	512.35	9390.00	990.00	10380.00	1794.42

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	[illegible]
*	10.265	30000.00	1034.48	8.08	1035.66	1033.19	8.93	40.92	512.41	9550.00	1915.23	11653.06	2897.16
*	10.265	30000.00	1034.82	8.42	1035.99	1033.09	8.74	36.44	512.41	9620.00	740.00	10360.00	1804.34
	10.343	30000.00	1036.59	9.89	1037.31	1034.85	7.34	39.15	411.16	9750.00	1641.25	11407.72	2910.84
	10.343	30000.00	1036.67	9.97	1037.75	1034.54	8.44	51.06	411.16	9750.00	590.00	10340.00	1810.40
	10.442	30000.00	1038.52	9.12	1038.92	1036.33	5.54	24.80	528.25	9632.42	1807.29	11439.71	2929.87
	10.442	30000.00	1039.14	9.74	1039.73	1036.07	6.21	27.55	528.25	9631.21	748.79	10380.00	1818.42
	10.538	30000.00	1039.65	8.95	1039.96	1036.44	4.66	16.93	504.98	9528.27	1529.73	11058.00	2949.67
*	10.538	30000.00	1040.40	9.70	1040.72	1036.43	4.54	13.86	504.98	9540.00	940.00	10480.00	1828.20
	10.632	30000.00	1040.50	8.80	1040.89	1037.24	5.07	19.61	496.32	9422.36	1189.63	10612.00	2965.24
	10.632	30000.00	1041.10	9.40	1041.44	1037.27	4.71	15.06	496.32	9445.00	985.00	10430.00	1839.14
	10.752	30000.00	1041.82	10.52	1042.42	1038.53	6.32	28.24	628.61	9335.00	991.16	10326.16	2980.87
	10.752	30000.00	1042.13	10.83	1042.71	1038.50	6.12	24.99	628.61	9480.00	847.33	10327.33	1852.29
	10.846	30000.00	1043.16	11.56	1043.75	1039.88	6.40	24.81	500.68	8855.00	1544.22	10399.22	2995.55
	10.846	30000.00	1043.34	11.74	1043.97	1039.89	6.49	24.71	500.68	9580.00	730.00	10310.00	1861.39
	10.942	30000.00	1044.33	10.13	1044.73	1040.09	5.18	15.08	503.71	9130.00	1416.65	10555.06	3013.29
	10.942	30000.00	1044.53	10.33	1044.95	1040.07	5.24	14.99	503.71	9570.00	810.00	10380.00	18[illegible]
	11.029	30000.00	1045.09	10.39	1045.44	1041.22	4.78	15.68	459.59	9513.14	946.80	10459.94	3025.81
	11.029	30000.00	1045.29	10.59	1045.63	1041.21	4.67	14.37	459.59	9491.23	918.77	10410.00	1879.62
	11.128	30000.00	1045.95	10.55	1046.28	1042.42	4.63	15.97	525.10	9340.00	1044.79	10384.79	3037.80
	11.128	30000.00	1046.11	10.71	1046.49	1042.51	5.01	18.08	525.10	9430.00	895.00	10325.00	1890.56
	11.224	30000.00	1046.82	8.72	1047.33	1043.75	5.92	25.85	506.70	9450.00	862.29	10312.29	3048.77
	11.224	30000.00	1047.06	8.96	1047.54	1043.75	5.73	23.06	506.70	9450.00	812.00	10262.00	1900.38
*	11.325	30000.00	1048.30	8.90	1049.96	1047.22	10.49	86.68	531.86	9570.00	617.64	10244.31	3057.68
*	11.325	30000.00	1048.33	8.93	1050.00	1047.22	10.48	85.64	531.86	9570.00	563.51	10190.00	1908.59
*	11.410	30000.00	1051.71	9.91	1052.52	1048.76	7.25	33.98	451.31	9650.66	577.29	10227.95	3063.81
*	11.410	30000.00	1051.73	9.93	1052.54	1048.76	7.22	33.66	451.31	9650.61	577.38	10228.00	1914.36
	11.428	30000.00	1051.78	9.98	1053.12	.00	9.41	49.96	145.00	9625.44	566.42	10191.85	3065.71
	11.428	30000.00	1051.80	10.00	1053.13	.00	9.38	49.51	145.00	9625.36	566.55	10191.91	1916.27
	11.460	34500.00	1052.25	25.05	1054.21	1050.79	11.38	44.44	166.83	9527.60	685.31	10212.91	3068.10
	11.460	34500.00	1052.26	25.06	1054.24	1050.78	11.42	44.66	166.83	9530.00	664.00	10194.00	1918.61
	11.557	34500.00	1054.44	31.64	1056.49	1053.33	12.85	42.89	510.85	8970.00	1122.12	10092.12	3078.69
	11.557	34500.00	1054.41	31.61	1056.83	1053.47	13.61	48.27	510.85	9200.00	892.06	10092.06	1927.73
	11.653	34500.00	1057.21	35.11	1058.45	1055.48	10.62	27.15	508.97	8420.00	1678.23	10120.01	30[illegible]
	11.653	34500.00	1057.53	35.43	1058.99	1055.68	11.13	28.90	508.97	8800.00	1303.70	10121.09	1940.58

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	11.750	34500.00	1058.46	36.56	1060.35	1057.59	12.41	35.30	510.54	7870.00	2086.93	10133.45	3117.12
	11.750	34500.00	1058.89	36.99	1060.80	1057.67	12.30	33.31	510.54	8400.00	1668.06	10137.88	1957.97
*	11.847	34500.00	1060.95	40.65	1061.81	1058.69	9.12	15.62	512.16	7310.00	2826.52	10147.92	3145.89
	11.847	34500.00	1061.14	40.84	1062.27	1058.84	9.92	18.15	512.16	8000.00	2138.41	10148.90	1980.27
	11.900	34500.00	1061.12	15.92	1062.82	1060.38	11.60	27.70	273.00	6880.00	2732.91	10156.61	3167.21
	11.900	34500.00	1061.38	16.18	1063.33	1060.10	12.07	29.25	273.00	7750.00	1934.89	10158.38	1995.79
	11.943	34500.00	1062.73	33.33	1063.52	1060.65	8.98	15.44	235.61	6800.00	3137.64	10120.03	3177.80
	11.943	34500.00	1063.10	33.70	1064.09	1060.85	9.61	17.11	235.61	7650.00	2303.78	10123.18	2003.57
	12.042	34500.00	1063.97	15.47	1064.31	1061.28	7.17	10.81	520.00	6350.00	3751.17	10101.17	3217.44
	12.042	34500.00	1064.49	15.99	1065.00	1061.85	8.08	12.97	520.00	7400.00	2709.49	10109.49	2032.46
	12.141	34500.00	1064.63	15.33	1064.87	1061.67	6.65	9.83	526.38	6195.39	3820.05	10073.80	3261.83
	12.141	34500.00	1065.33	16.03	1065.67	1061.92	7.33	11.15	526.38	7200.00	2821.55	10074.66	2064.91
	12.247	34500.00	1065.21	14.51	1065.39	1061.63	5.82	8.99	560.46	6360.03	3722.30	10082.33	3306.18
	12.247	34500.00	1066.02	15.32	1066.25	1062.17	6.27	9.63	560.46	7300.00	2786.00	10086.00	2097.93
	12.359	34500.00	1065.56	13.86	1065.74	1060.88	4.64	4.96	586.15	6629.96	3463.94	10093.90	3348.00
	12.359	34500.00	1066.38	14.68	1066.62	1060.94	4.89	4.99	586.15	7600.00	2500.00	10100.00	2128.85
	12.420	34500.00	1065.74	11.74	1065.89	1059.41	3.33	3.65	302.47	7000.00	3131.93	10231.82	3375.28
	12.420	34500.00	1066.62	12.62	1066.76	1059.42	3.16	2.88	302.47	7850.00	2343.27	10200.00	2148.51
	12.470	34500.00	1065.84	10.94	1066.01	1062.20	3.78	5.80	255.00	7365.62	2508.99	10379.50	3390.77
	12.470	34500.00	1066.69	11.79	1066.86	1062.23	3.65	4.66	255.00	8000.00	2146.98	10300.00	2160.95
	12.529	34500.00	1065.99	9.89	1066.22	1062.16	4.23	6.32	345.00	7547.27	2180.77	10388.06	3404.97
	12.529	34500.00	1066.81	10.71	1067.03	1062.09	4.06	5.10	345.00	8200.00	1777.18	10391.92	2173.15
	12.630	34500.00	1066.35	10.45	1066.61	1063.19	4.59	8.32	532.95	8093.08	1967.20	10755.30	3430.10
	12.630	34500.00	1067.03	11.13	1067.47	1063.09	5.42	10.29	532.95	9561.76	938.24	10500.00	2189.64
*	12.725	34500.00	1066.71	19.91	1067.33	1064.47	6.62	20.06	499.53	8504.69	1503.27	10634.65	3450.29
	12.725	34500.00	1067.55	20.75	1068.12	1064.37	6.16	14.79	499.53	9651.72	878.28	10530.00	2200.02
	12.816	34500.00	1067.59	25.99	1068.56	1065.31	8.05	27.59	481.56	8544.21	970.49	10473.14	3464.17
	12.816	34500.00	1068.21	26.61	1069.03	1065.41	7.38	20.68	481.56	9772.48	702.66	10475.14	2208.66
	12.913	34500.00	1068.99	29.29	1070.17	1066.76	8.77	33.14	513.23	8907.29	952.33	10301.15	3475.50
	12.913	34500.00	1069.26	29.56	1070.37	1066.84	8.47	29.43	513.23	9712.23	589.71	10301.94	2216.31
	13.007	34500.00	1070.43	8.43	1072.21	1068.71	10.78	43.22	493.53	8846.44	513.10	10215.30	3483.79
	13.007	34500.00	1070.54	8.54	1072.27	1068.71	10.64	41.36	493.53	9774.42	441.24	10215.66	2222.15
	13.103	34500.00	1072.73	10.23	1073.57	1068.82	7.46	16.23	505.18	8751.98	1572.65	10324.63	3495.88
*	13.103	34500.00	1072.72	10.22	1073.65	1068.83	7.74	17.47	505.18	9830.00	494.58	10324.58	2227.58

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	13.200	34500.00	1073.63	10.63	1074.23	1068.35	6.31	9.78	512.50	9245.83	996.54	10355.81	3510.96
	13.200	34500.00	1073.72	10.72	1074.33	1068.35	6.34	9.77	512.50	9805.00	551.16	10356.16	2233.73
	13.296	34500.00	1074.23	10.73	1074.67	1068.61	5.38	7.35	509.87	9229.18	999.91	10342.82	3522.54
	13.296	34500.00	1074.33	10.83	1074.78	1068.61	5.38	7.26	509.87	9600.24	742.85	10343.09	2241.29
*	13.395	34500.00	1074.73	10.73	1075.35	1072.22	6.28	22.67	521.75	9228.97	1022.96	10325.92	3534.58
*	13.395	34500.00	1074.83	10.83	1075.42	1072.21	6.17	21.42	521.75	9227.64	1028.17	10326.19	2251.87
*	13.450	34500.00	1075.55	11.75	1075.84	1072.17	4.37	9.10	290.40	8840.22	1382.19	10222.41	3542.60
*	13.450	34500.00	1075.61	11.81	1075.90	1072.16	4.32	8.80	290.40	8837.26	1385.35	10222.62	2259.91
	13.467	34500.00	1075.59	11.49	1075.89	.00	4.42	11.15	90.00	8785.78	1417.38	10203.16	3545.49
	13.467	34500.00	1075.65	11.55	1075.95	.00	4.37	10.77	90.00	8782.98	1420.37	10203.35	2262.81
*	13.518	34500.00	1075.93	11.73	1076.64	1074.69	6.91	47.91	270.00	8613.99	1472.32	10200.28	3554.42
*	13.518	34500.00	1075.95	11.75	1076.74	1074.71	7.20	52.34	270.00	8740.00	1361.72	10200.31	2271.42
	13.565	34500.00	1077.18	11.38	1077.78	1075.87	6.39	41.48	252.49	7935.71	1799.17	10231.13	3563.85
	13.565	34500.00	1077.28	11.48	1077.98	1075.82	6.76	44.97	252.49	8800.00	1431.25	10231.25	2279.51
	13.663	34500.00	1079.17	13.47	1079.72	1077.75	6.34	34.53	514.87	7515.68	1735.81	10354.50	3584.62
	13.663	34500.00	1079.39	13.69	1080.05	1077.83	6.73	36.44	514.87	9020.00	1304.96	10354.00	2[illegible]
	13.760	34500.00	1080.91	13.01	1081.44	1079.48	6.10	32.66	511.31	7041.87	1827.66	10427.50	3605.43
	13.760	34500.00	1081.21	13.31	1081.86	1079.38	6.54	34.11	511.31	9220.00	1207.00	10427.00	2310.37
	13.856	34500.00	1082.22	11.02	1082.87	1080.33	7.27	23.45	509.71	6932.59	1553.74	10419.95	3625.13
	13.856	34500.00	1082.56	11.36	1083.21	1080.33	7.13	21.11	509.71	9380.00	1039.90	10419.90	2323.48
	13.952	34500.00	1083.52	10.22	1084.59	1082.57	8.69	43.77	507.98	7144.00	1280.95	10384.79	3641.64
	13.952	34500.00	1083.73	10.43	1084.74	1082.60	8.42	39.07	507.98	9400.00	984.00	10384.00	2335.29
	14.049	34500.00	1085.81	11.31	1086.61	1084.52	7.44	35.08	512.16	7310.47	1507.92	10310.43	3657.88
	14.049	34500.00	1085.83	11.33	1086.67	1084.47	7.52	35.60	512.16	9280.00	1030.00	10310.00	2347.08
	14.145	34500.00	1087.49	10.59	1087.95	1085.49	5.63	19.64	509.68	7621.29	1848.01	10431.13	3677.35
	14.145	34500.00	1087.54	10.64	1088.07	1085.48	5.89	21.23	509.68	9180.01	1169.99	10350.00	2359.92
	14.240	34500.00	1088.61	8.31	1089.05	1086.99	5.55	24.45	500.12	7931.55	2079.36	10698.97	3698.44
	14.240	34500.00	1088.74	8.44	1089.33	1087.09	6.18	29.18	500.12	9133.48	1266.52	10400.00	2373.96
	14.335	34500.00	1089.94	10.14	1090.42	1088.61	5.90	30.89	498.73	8022.95	2089.42	10875.00	3721.63
	14.335	34500.00	1090.25	10.45	1090.89	1088.79	6.42	33.07	498.73	9110.00	1350.00	10460.00	2388.96
	14.430	34500.00	1091.43	8.23	1091.91	1090.15	5.95	28.39	502.88	8083.92	2266.94	10846.66	3746.23
	14.430	34500.00	1091.83	8.63	1092.46	1090.15	6.42	29.33	502.88	9172.60	1347.40	10520.00	2404.66
	14.525	34500.00	1092.71	9.51	1093.11	1090.68	5.40	19.67	504.32	8329.84	1955.33	10760.37	3[illegible]
	14.525	34500.00	1093.19	9.99	1093.62	1090.78	5.47	17.87	504.32	9236.05	1301.88	10600.00	2420.24

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
*	14.619	34500.00	1093.83	7.53	1094.60	1092.87	7.45	41.92	494.31	8442.02	1858.61	10785.59	3791.39
	14.619	34500.00	1094.20	7.90	1094.92	1092.84	7.11	34.46	494.31	9311.10	1464.75	10785.00	2436.40
	14.708	34500.00	1095.68	7.28	1096.33	1094.85	7.11	32.34	470.75	8510.67	2497.73	11149.31	3814.77
	14.708	34500.00	1095.81	7.41	1096.66	1094.92	7.77	37.37	470.75	9410.00	1720.07	11140.00	2454.11
	14.809	34500.00	1097.10	10.00	1098.01	1095.06	7.80	28.37	530.81	8562.48	1657.00	10235.61	3839.77
	14.809	34500.00	1097.41	10.31	1098.32	1095.00	7.69	25.97	530.81	9455.00	780.00	10235.00	2469.42
*	14.905	34500.00	1098.61	10.01	1099.03	1095.53	5.62	13.74	508.67	8985.33	1313.41	10298.75	3856.98
	14.905	34500.00	1098.80	10.20	1099.43	1095.85	6.53	17.87	508.67	9330.00	830.00	10160.00	2478.81
	15.000	34500.00	1099.39	10.59	1099.91	1097.22	6.27	21.52	500.84	9183.79	1339.16	10522.95	3872.18
	15.000	34500.00	1099.75	10.95	1100.63	1097.94	7.59	29.00	500.84	9290.00	840.00	10130.00	2488.40
	15.094	34500.00	1100.48	10.58	1100.92	1098.37	5.85	18.94	496.49	9301.67	1653.78	10955.45	3889.21
	15.094	34500.00	1101.19	11.29	1101.84	1098.41	6.54	20.19	496.49	9330.00	860.00	10190.00	2498.09
	15.188	34500.00	1101.32	12.32	1102.25	1099.99	8.26	33.07	495.48	9495.92	1414.78	11050.00	3905.53
	15.188	34500.00	1102.10	13.10	1103.13	1100.08	8.28	28.39	495.48	9485.00	791.69	10280.00	2507.31
	15.281	34500.00	1102.87	10.27	1103.94	1102.28	9.61	35.62	491.34	9655.64	1293.97	10950.00	3919.59
	15.281	34500.00	1103.40	10.80	1104.90	1102.25	10.60	39.60	491.34	9660.00	710.00	10370.00	2515.48
	15.374	34500.00	1104.26	10.46	1106.15	1104.11	12.33	49.42	491.44	9829.03	936.64	10770.00	3930.59
	15.374	34500.00	1105.00	11.20	1107.12	1104.31	12.51	45.49	491.44	9832.00	558.00	10390.00	2522.05
*	15.469	34500.00	1106.86	11.66	1107.67	1104.25	8.44	19.05	502.35	9709.79	785.78	10500.00	3939.76
*	15.469	34500.00	1107.68	12.48	1108.56	1104.34	8.50	17.36	502.35	9708.89	621.11	10330.00	2528.47
	15.564	34500.00	1107.86	11.66	1108.74	1105.26	9.09	23.20	502.28	9559.99	740.01	10300.00	3948.13
	15.564	34500.00	1108.67	12.47	1109.45	1105.19	8.43	17.87	502.28	9558.75	661.25	10220.00	2535.64
	15.658	34500.00	1109.06	11.96	1109.88	1105.80	7.54	21.59	496.88	9451.44	698.56	10150.00	3956.39
	15.658	34500.00	1109.63	12.53	1110.36	1105.76	7.15	17.57	496.88	9450.48	669.52	10120.00	2543.35
	15.719	34500.00	1109.75	16.05	1110.59	1106.17	8.19	19.69	322.50	9387.19	666.37	10053.56	3961.74
	15.719	34500.00	1110.21	16.51	1110.94	1106.15	7.72	16.52	322.50	9386.45	667.71	10054.16	2548.60
	15.814	34500.00	1110.65	16.25	1111.82	1107.97	9.93	25.85	502.36	9384.62	653.15	10037.77	3969.38
	15.814	34500.00	1110.95	16.55	1112.02	1108.04	9.52	22.96	502.36	9383.93	654.46	10038.40	2556.25
	15.909	34500.00	1112.07	14.27	1112.77	1107.88	7.70	13.54	499.15	9347.63	708.55	10056.19	3977.13
	15.909	34500.00	1112.22	14.42	1112.89	1107.88	7.56	12.84	499.15	9347.41	709.05	10056.46	2564.02
	16.004	34500.00	1112.87	13.17	1113.35	1108.05	6.48	9.33	500.65	9260.63	802.26	10062.89	3985.87
	16.004	34500.00	1112.98	13.28	1113.45	1108.04	6.39	8.98	500.65	9260.48	802.59	10063.07	2572.76
	16.099	34500.00	1113.32	12.52	1113.91	1109.90	7.20	11.73	499.97	9228.22	839.07	10067.29	3995.35
	16.099	34500.00	1113.29	12.49	1114.15	1110.14	8.31	15.64	499.97	9400.00	667.25	10067.25	2581.25

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	16.195	34500.00	1113.70	12.90	1114.85	1110.27	8.90	20.27	507.17	9345.85	561.69	10076.91	4003.53
	16.195	34500.00	1113.96	13.16	1115.13	1110.21	8.89	19.56	507.17	9650.00	427.29	10077.29	2587.64
	16.289	34500.00	1114.69	13.89	1115.88	1110.94	8.77	20.48	500.20	9623.39	455.08	10078.46	4009.40
	16.289	34500.00	1114.95	14.15	1116.10	1110.88	8.63	19.19	500.20	9680.00	398.86	10078.86	2592.39
*	16.385	34500.00	1115.62	11.92	1118.56	1115.62	13.89	89.58	506.90	9617.34	470.37	10087.71	4014.78
*	16.385	34500.00	1115.51	11.81	1118.72	1115.51	14.40	98.42	506.90	9690.00	397.53	10087.53	2597.02
*	16.471	36000.00	1119.12	13.72	1120.41	1115.46	9.26	20.69	453.88	9741.13	438.30	10179.43	4019.46
*	16.471	36000.00	1119.33	13.93	1120.57	1115.46	9.06	19.28	453.88	9739.26	440.61	10179.87	2601.37
	16.482	36000.00	1119.65	14.05	1120.61	1114.86	7.88	15.05	58.08	9788.39	437.96	10226.35	4020.04
	16.482	36000.00	1119.82	14.22	1120.76	1114.90	7.75	14.27	58.08	9787.92	453.92	10241.84	2601.96
	16.506	36000.00	1119.82	14.42	1120.80	.00	7.95	16.74	126.72	9777.90	460.30	10238.20	4021.34
	16.506	36000.00	1119.98	14.58	1120.93	.00	7.82	15.89	126.72	9777.21	461.45	10238.66	2603.29
	16.514	36000.00	1119.67	13.97	1121.12	1116.35	9.73	24.40	42.24	9798.59	425.34	10223.93	4021.77
	16.514	36000.00	1119.84	14.14	1121.24	1116.35	9.56	23.01	42.24	9798.47	427.24	10225.71	2603.72
	16.518	36000.00	1120.80	15.10	1122.00	.00	8.92	23.68	40.00	9794.61	435.14	10229.75	4022.17
	16.518	36000.00	1120.88	15.18	1122.07	.00	8.84	23.06	40.00	9794.48	435.41	10229.89	26[illegible]
	16.612	36000.00	1121.94	13.64	1123.14	1117.34	8.83	22.07	499.42	9799.05	387.02	10186.07	4026.68
	16.612	36000.00	1121.99	13.69	1123.18	1117.34	8.78	21.72	499.42	9799.00	387.28	10186.28	2608.63
	16.707	36000.00	1123.10	15.40	1124.22	1118.11	8.52	20.96	500.01	9794.94	383.73	10178.67	4031.10
	16.707	36000.00	1123.13	15.43	1124.25	1118.09	8.49	20.76	500.01	9794.91	383.92	10178.83	2613.05
	16.801	36000.00	1124.22	21.52	1125.17	1118.49	7.97	16.75	498.39	9737.88	430.35	10168.23	4035.76
	16.801	36000.00	1124.17	21.47	1125.22	1118.47	8.27	18.11	498.39	9800.00	368.08	10168.08	2617.36
	16.895	36000.00	1124.99	15.19	1126.07	1119.57	8.37	18.14	494.89	9815.51	373.30	10188.81	4040.33
	16.895	36000.00	1125.04	15.24	1126.11	1119.57	8.33	17.87	494.89	9815.44	373.52	10188.96	2621.57
	16.990	36000.00	1125.86	35.26	1127.08	1120.49	8.90	20.53	500.20	9792.38	343.41	10135.79	4044.44
	16.990	36000.00	1125.90	35.30	1127.11	1120.49	8.87	20.27	500.20	9792.31	343.55	10135.86	2625.68
	17.085	36000.00	1127.04	38.14	1128.11	1122.14	8.36	20.25	500.75	9728.47	409.76	10138.24	4048.77
	17.085	36000.00	1127.06	38.16	1128.13	1122.13	8.34	20.09	500.75	9728.44	409.85	10138.29	2630.01
	17.180	36000.00	1128.12	40.42	1129.16	1123.27	8.27	21.25	501.73	9569.10	536.58	10105.68	4054.42
	17.180	36000.00	1128.12	40.42	1129.18	1123.26	8.33	21.54	501.73	9630.00	475.68	10105.68	2635.21
*	17.277	36000.00	1129.54	41.94	1129.76	1123.01	4.30	5.44	512.16	9230.33	1122.82	10370.00	4065.29
*	17.277	36000.00	1129.56	41.96	1129.94	1122.93	5.41	8.61	512.16	9525.00	705.00	10230.00	2642.87
	17.370	36000.00	1129.84	43.24	1130.07	1123.65	4.41	5.71	487.12	8986.58	1187.56	10174.14	40[illegible]
	17.370	36000.00	1130.03	43.43	1130.39	1123.83	5.31	8.11	487.12	9350.00	824.61	10174.61	2652.46

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	17.458	36000.00	1130.14	38.94	1130.40	1124.84	4.33	8.48	466.91	9014.04	1330.00	10350.05	4093.53
	17.458	36000.00	1130.46	39.26	1130.82	1124.87	4.85	10.11	466.91	9280.00	970.00	10250.00	2662.13
*	17.548	36000.00	1130.61	25.61	1131.02	1126.99	5.29	19.03	472.50	8990.19	1228.55	10234.03	4107.32
*	17.548	36000.00	1131.01	26.01	1131.54	1127.23	5.86	21.62	472.50	9246.60	978.47	10235.59	2672.68
*	17.638	37500.00	1133.86	27.46	1135.53	1133.86	10.67	202.16	476.45	9158.67	1135.41	10319.92	4120.38
*	17.638	37500.00	1134.16	27.76	1135.87	1134.16	10.82	184.41	476.45	9285.00	1021.15	10321.67	2683.69
*	17.730	37500.00	1138.24	38.44	1139.09	1137.30	8.19	36.78	486.34	8381.71	1886.93	10361.85	4137.01
*	17.730	37500.00	1138.49	38.69	1139.60	1137.20	8.86	41.11	486.34	9330.00	1030.00	10360.00	2695.03
*	17.821	37500.00	1139.61	9.61	1140.25	1137.83	7.21	16.63	478.24	8350.00	1850.84	10270.00	4157.44
*	17.821	37500.00	1140.00	10.00	1140.93	1137.18	8.11	19.82	478.24	9385.00	885.00	10270.00	2705.51
*	17.910	37500.00	1140.47	10.47	1140.78	1136.54	5.16	7.50	474.74	8380.00	2550.00	10930.00	4179.91
*	17.910	37500.00	1141.11	11.11	1141.57	1136.41	5.82	8.77	474.74	9430.00	1045.00	10475.00	2715.60
	18.000	37500.00	1140.86	10.86	1141.20	1137.21	5.39	9.93	474.83	8450.00	2374.79	10844.31	4205.96
	18.000	37500.00	1141.60	11.60	1142.02	1137.12	5.71	9.94	474.83	9485.00	1060.62	10555.00	2727.01
	18.093	37500.00	1141.37	11.47	1141.89	1138.46	6.50	17.27	491.00	8520.00	2053.04	10665.07	4229.74
	18.093	37500.00	1142.12	12.22	1142.65	1138.44	6.39	14.64	491.00	9565.00	976.43	10590.00	2738.60
	18.182	37500.00	1142.17	12.37	1142.91	1139.93	7.89	23.97	466.97	8640.00	1928.79	10622.06	4250.03
	18.182	37500.00	1142.80	13.00	1143.50	1140.10	7.54	19.63	466.97	9600.00	1020.00	10620.00	2749.47
	18.275	37500.00	1143.41	13.31	1144.11	1141.78	7.78	24.53	491.28	8779.86	1873.00	10652.87	4270.75
	18.275	37500.00	1143.82	13.72	1144.56	1141.85	7.79	22.84	491.28	9570.00	1083.98	10653.98	2761.42
*	18.369	37500.00	1145.02	20.92	1145.90	1144.24	9.35	53.24	498.93	8820.00	1820.37	10640.37	4290.92
*	18.369	37500.00	1145.28	21.18	1146.50	1144.36	10.38	61.43	498.93	9550.00	1090.00	10640.00	2774.01
	18.464	37500.00	1147.43	10.43	1148.00	1145.96	7.40	32.79	499.78	8900.00	1636.02	10536.02	4309.95
	18.464	37500.00	1148.11	11.11	1149.03	1146.34	8.73	38.85	499.78	9550.00	980.00	10530.00	2786.10
	18.558	37500.00	1149.05	12.55	1149.76	1147.75	7.61	37.12	500.28	9000.00	1453.58	10453.58	4326.91
	18.558	37500.00	1149.97	13.47	1150.80	1147.89	7.84	31.60	500.28	9520.00	934.93	10454.93	2796.99
	18.653	37500.00	1150.76	44.46	1151.58	1149.38	7.95	35.09	502.17	9090.00	1257.92	10439.67	4341.76
	18.653	37500.00	1151.49	45.19	1152.25	1149.32	7.46	26.30	502.17	9470.00	965.03	10440.00	2807.69
	18.748	37500.00	1152.38	60.88	1153.45	1150.72	8.99	37.93	501.11	9150.00	1180.97	10347.60	4354.95
	18.748	37500.00	1152.75	61.25	1153.78	1150.71	8.71	33.14	501.11	9400.00	948.01	10348.01	2818.23
*	18.839	37500.00	1153.92	34.12	1154.67	1150.97	7.29	17.85	480.48	9250.00	1083.25	10343.97	4366.76
*	18.839	37500.00	1154.17	34.37	1154.88	1150.89	7.15	16.49	480.48	9350.00	986.71	10344.46	2828.41
	18.937	37500.00	1155.10	9.40	1155.53	1151.65	6.03	15.47	512.97	9368.09	1094.44	10462.53	4378.77
	18.937	37500.00	1155.27	9.57	1155.68	1151.65	5.88	14.22	512.97	9366.90	1095.99	10462.89	2839.95

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	[illegible]
	18.962	37500.00	1155.28	9.08	1155.80	1152.41	6.73	21.05	132.00	9418.37	1065.08	10483.44	4381.89
	18.962	37500.00	1155.44	9.24	1155.94	1152.44	6.57	19.39	132.00	9417.95	1065.90	10483.84	2843.08
	18.978	37500.00	1155.36	7.86	1155.98	.00	7.24	26.41	86.29	9425.06	1067.58	10492.64	4384.06
	18.978	37500.00	1155.51	8.01	1156.10	.00	7.06	24.29	86.29	9424.67	1068.32	10492.99	2845.26
	19.066	37500.00	1156.66	7.26	1157.38	1155.11	7.91	34.01	465.00	9356.48	1354.76	10711.24	4396.38
	19.066	37500.00	1156.72	7.32	1157.42	1155.10	7.80	32.62	465.00	9356.13	1355.21	10711.34	2857.58
	19.162	37500.00	1158.42	7.52	1159.07	1157.10	7.74	33.67	505.28	9000.00	1851.71	10884.08	4414.54
	19.162	37500.00	1158.42	7.52	1159.15	1157.13	8.06	36.44	505.28	9240.00	1644.09	10884.09	2874.60
*	19.256	37500.00	1160.32	6.72	1161.52	1160.29	11.09	70.12	496.96	8680.00	2122.51	11024.73	4436.37
	19.256	37500.00	1160.43	6.83	1161.79	1160.37	11.54	74.02	496.96	9175.00	1710.19	11025.00	2893.09
*	19.352	37500.00	1162.98	8.38	1163.44	1161.69	7.29	22.84	509.58	8605.31	2686.04	11291.97	4463.45
*	19.352	37500.00	1163.27	8.67	1163.84	1161.97	7.77	24.48	509.58	9150.00	2142.00	11292.00	2914.73
	19.446	37500.00	1164.08	8.38	1164.52	1162.15	6.47	21.30	496.07	8897.66	2403.39	11336.52	4491.74
	19.446	37500.00	1164.46	8.76	1164.90	1162.20	6.39	19.20	496.07	9170.00	2166.93	11336.93	2938.29
	19.542	37500.00	1165.24	8.24	1165.71	1163.59	7.20	26.09	506.41	8883.11	2559.01	11478.90	4520.08
	19.542	37500.00	1165.51	8.51	1166.00	1163.57	7.25	24.95	506.41	9235.00	2243.00	11478.00	29[illegible]
	19.635	37500.00	1166.60	7.50	1167.03	1164.92	6.33	27.47	492.64	8954.96	2241.18	11548.81	4547.21
	19.635	37500.00	1166.83	7.73	1167.34	1165.21	6.79	29.65	492.64	9310.00	2072.99	11548.00	2987.65
	19.732	37500.00	1168.03	7.13	1168.52	1166.55	6.88	31.20	508.23	8883.98	2480.32	11690.80	4574.38
	19.732	37500.00	1168.35	7.45	1168.93	1166.76	7.38	32.98	508.23	9370.00	2130.61	11690.00	3011.72
	19.827	37500.00	1169.65	7.25	1170.06	1168.11	6.36	30.21	501.12	8923.64	2703.35	11727.27	4604.14
	19.827	37500.00	1170.05	7.65	1170.53	1168.37	6.76	30.46	501.12	9520.00	2207.00	11727.00	3036.62
	19.920	37500.00	1171.03	8.43	1171.41	1169.13	6.01	25.09	490.63	8995.54	2373.74	11778.05	4632.61
	19.920	37500.00	1171.44	8.84	1171.88	1169.31	6.33	24.93	490.63	9660.00	1883.57	11778.00	3059.62
	20.015	37500.00	1172.40	8.40	1172.93	1171.15	7.18	35.12	503.14	8967.04	2259.36	11518.43	4659.17
	20.015	37500.00	1172.78	8.78	1173.38	1171.44	7.49	34.59	503.14	9700.00	1619.49	11518.00	3079.61
	20.111	37500.00	1173.99	8.69	1174.51	1172.48	7.12	29.14	510.07	8919.71	2129.88	11308.24	4684.36
	20.111	37500.00	1174.35	9.05	1174.99	1172.66	7.62	30.77	510.07	9732.70	1473.73	11308.00	3096.71
	20.207	37500.00	1175.37	8.17	1176.07	1174.08	8.19	31.91	504.21	8809.51	1929.41	11073.11	4707.58
	20.207	37500.00	1175.76	8.56	1176.65	1174.44	8.88	34.69	504.21	9760.00	1250.29	11073.65	3111.56
	20.294	37500.00	1176.75	10.05	1177.29	1175.06	7.54	23.04	459.65	8651.34	1940.71	10898.00	4727.78
	20.294	37500.00	1177.27	10.57	1177.85	1175.12	7.49	20.71	459.65	9740.00	1158.63	10898.63	3123.70
	20.343	37500.00	1177.40	8.70	1177.95	1175.93	7.65	28.71	261.59	8542.24	2107.67	10970.00	47[illegible]
	20.343	37500.00	1177.84	9.14	1178.49	1176.01	7.95	28.32	261.59	9720.00	1250.00	10970.00	3130.78

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	20.388	37500.00	1177.98	9.08	1178.79	1177.01	8.82	39.99	232.89	8441.92	1989.66	10820.00	4750.02
	20.388	37500.00	1178.38	9.48	1179.33	1177.16	9.13	39.21	232.89	9700.00	1120.00	10820.00	3136.87
	20.435	37500.00	1178.90	10.10	1179.87	1178.29	9.30	42.96	248.16	8354.46	1987.51	10650.00	4760.63
	20.435	37500.00	1179.22	10.42	1180.56	1178.36	10.28	49.03	248.16	9670.00	915.71	10650.00	3142.79
	20.483	37500.00	1179.89	10.09	1180.75	1178.24	8.22	28.54	252.75	8279.77	2079.63	10540.07	4771.50
	20.483	37500.00	1180.33	10.53	1181.59	1178.47	9.23	33.12	252.75	9670.00	870.00	10540.00	3147.90
	20.579	37500.00	1181.35	9.45	1182.45	1180.37	9.18	37.57	509.77	8181.59	2022.27	10328.68	4793.66
	20.579	37500.00	1182.02	10.12	1183.40	1180.28	9.69	36.95	509.77	9660.00	669.50	10329.50	3156.68
	20.675	37500.00	1183.00	11.70	1183.98	1181.72	9.19	24.85	502.63	8302.58	1530.60	10222.87	4814.08
	20.675	37500.00	1183.64	12.34	1184.99	1181.35	10.03	27.07	502.63	9630.00	593.86	10223.86	3163.96
	20.769	37500.00	1184.43	11.33	1185.03	1182.11	7.22	17.60	497.97	8692.68	1584.29	10276.97	4831.00
	20.769	37500.00	1185.32	12.22	1186.09	1182.23	7.65	17.21	497.97	9500.00	778.62	10278.62	3171.58
	20.864	35000.00	1185.35	9.35	1185.88	1183.03	6.73	16.92	502.57	8420.29	1990.23	10501.03	4850.46
	20.864	35000.00	1186.22	10.22	1186.95	1183.16	7.28	17.14	502.57	9340.00	970.00	10310.00	3181.30
	20.958	35000.00	1186.20	16.30	1186.87	1184.39	7.15	23.12	496.89	8824.55	1556.13	10748.46	4868.62
	20.958	35000.00	1187.06	17.16	1187.96	1184.36	7.70	22.74	496.89	9250.00	1079.03	10383.90	3191.87
	21.061	35000.00	1187.24	17.64	1188.35	1185.08	8.76	27.54	542.53	9030.00	1407.65	11040.63	4886.59
	21.061	35000.00	1188.14	18.54	1189.20	1184.73	8.31	21.42	542.53	9250.00	889.66	10350.00	3202.14
	21.157	35000.00	1189.24	15.04	1189.56	1185.32	4.66	17.93	509.07	9277.03	1306.41	10952.50	4903.28
	21.157	35000.00	1189.86	15.66	1190.16	1185.25	4.41	14.36	509.07	9274.81	1125.19	10400.00	3213.02
*	21.245	35000.00	1190.17	38.07	1190.81	1187.93	5.66	43.43	464.18	9250.00	1101.63	10671.90	4915.65
*	21.245	35000.00	1190.60	38.50	1191.16	1187.93	5.39	35.19	464.18	9250.00	1029.26	10279.26	3223.75
*	21.337	35000.00	1191.20	11.20	1191.35	1183.66	3.30	4.92	483.32	9230.00	1265.96	10856.58	4928.21
*	21.337	35000.00	1191.50	11.50	1191.68	1183.72	3.41	5.07	483.32	9294.00	966.00	10260.00	3234.15
*	21.431	35000.00	1191.28	10.28	1192.20	1189.96	7.76	77.47	495.67	9350.00	969.11	10319.11	4940.60
*	21.431	35000.00	1191.67	10.67	1192.47	1188.40	7.25	61.68	495.67	9400.00	922.69	10322.69	3244.79
*	21.524	35000.00	1193.49	11.49	1193.86	1187.87	4.87	17.90	491.44	9604.26	957.53	10561.79	4951.44
*	21.524	35000.00	1193.60	11.60	1193.96	1187.87	4.80	17.14	491.44	9603.90	937.10	10541.00	3255.28
*	21.621	35000.00	1194.18	11.68	1194.40	1186.80	3.95	6.75	511.28	9619.54	923.39	10542.93	4962.32
*	21.621	35000.00	1194.27	11.77	1194.50	1186.79	4.01	6.87	511.28	9670.00	860.00	10530.00	3265.70
*	21.716	35000.00	1194.54	11.44	1195.12	1191.17	6.50	29.33	502.06	9619.78	1016.51	10636.29	4973.27
*	21.716	35000.00	1194.55	11.45	1195.35	1191.66	7.43	38.17	502.06	9670.00	830.00	10500.00	3275.40
	21.798	35000.00	1195.97	10.07	1196.80	1194.45	7.78	49.23	436.18	9651.11	1081.89	10733.00	4983.63
	21.798	35000.00	1196.29	10.39	1197.15	1194.58	7.79	44.90	436.18	9649.22	950.78	10600.00	3284.25

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	21.893	35000.00	1198.27	37.07	1199.27	1197.25	8.79	46.63	501.19	9566.00	1174.62	10740.62	4996.78
	21.893	35000.00	1198.44	37.24	1199.43	1197.28	8.69	43.71	501.19	9565.59	1114.41	10680.00	3296.26
	21.986	35000.00	1200.58	40.48	1201.13	1198.97	7.51	30.37	490.74	9268.54	1561.66	10830.21	5012.15
	21.986	35000.00	1200.65	40.55	1201.20	1198.95	7.45	29.41	490.74	9268.34	1396.66	10665.00	3310.32
*	22.082	35000.00	1201.74	14.34	1201.92	1196.67	3.60	8.84	503.20	9014.20	1986.96	11052.43	5032.40
	22.082	35000.00	1202.01	14.61	1202.38	1199.44	5.43	18.67	503.20	9010.70	1555.20	10605.00	3326.97
*	22.177	35000.00	1202.07	8.27	1203.07	1201.20	8.80	55.30	506.29	8857.86	1455.72	10650.00	5052.30
	22.177	35000.00	1202.96	9.16	1203.77	1201.66	7.89	35.26	506.29	8855.22	1392.19	10533.70	3344.10
	22.273	35000.00	1204.46	16.86	1205.43	1203.06	8.24	40.24	504.12	8977.78	1253.72	10627.34	5067.97
	22.273	35000.00	1204.68	17.08	1205.55	1203.06	7.85	34.70	504.12	8977.55	1368.57	10627.75	3360.09
	22.368	33000.00	1206.55	8.05	1206.91	1204.56	5.44	20.73	504.65	9015.71	1819.20	11110.00	5085.57
	22.368	33000.00	1206.57	8.07	1206.93	1204.53	5.41	20.45	504.65	9015.69	1832.34	11110.00	3378.45
	22.462	33000.00	1207.63	7.33	1207.92	1205.50	5.12	20.81	496.37	9046.90	2272.01	11760.00	5108.18
	22.462	33000.00	1207.64	7.34	1207.92	1205.50	5.11	20.69	496.37	9046.89	2273.51	11760.00	3401.14
*	22.558	33000.00	1208.88	6.48	1209.82	1208.58	9.38	78.17	502.91	9080.51	1893.33	12001.64	5130.64
*	22.558	33000.00	1208.88	6.48	1209.82	1208.58	9.38	78.23	502.91	9080.51	1891.52	12000.00	34[illegible]
*	22.651	33000.00	1211.49	6.69	1211.82	1209.71	5.70	24.75	492.10	9025.78	2611.76	12095.46	5154.88
*	22.651	33000.00	1211.49	6.69	1211.82	1209.71	5.70	24.75	492.10	9025.78	2611.30	12095.00	3447.83
	22.745	33000.00	1212.78	6.78	1213.17	1211.56	6.36	34.41	496.32	8914.99	3110.28	12094.09	5183.69
	22.745	33000.00	1212.78	6.78	1213.17	1211.56	6.36	34.42	496.32	8914.99	3110.10	12094.00	3476.63
	22.839	33000.00	1214.30	7.00	1214.65	1212.92	5.91	29.80	497.66	8727.76	2967.78	11833.17	5214.91
	22.839	33000.00	1214.30	7.00	1214.65	1212.92	5.91	29.80	497.66	8727.76	2967.61	11833.00	3507.85
	22.935	33000.00	1215.62	6.62	1215.91	1214.01	4.79	24.13	501.48	8484.93	3101.86	11781.76	5246.91
	22.935	33000.00	1215.62	6.62	1215.91	1214.01	4.82	24.39	501.48	8484.93	2984.14	11640.00	3539.25
	23.029	33000.00	1217.03	6.93	1217.47	1216.06	6.50	47.22	500.75	8450.00	2685.04	11583.72	5277.08
	23.029	33000.00	1217.04	6.94	1217.49	1216.05	6.50	46.96	500.75	8450.00	2566.79	11460.00	3568.25
	23.124	33000.00	1219.11	7.21	1219.51	1217.95	6.09	39.10	499.39	8580.00	2453.18	11494.80	5304.82
	23.124	33000.00	1219.11	7.21	1219.52	1217.95	6.10	39.23	499.39	8580.00	2180.51	11155.25	3593.98
	23.219	33000.00	1220.97	6.97	1221.37	1219.67	5.81	35.91	500.52	8860.00	2418.08	11447.95	5332.60
	23.219	33000.00	1220.98	6.98	1221.38	1219.67	5.81	35.88	500.52	8860.00	2181.51	11060.64	3618.82
	23.314	33000.00	1222.95	6.85	1223.55	1222.14	8.08	51.09	504.26	9220.00	2174.56	11496.08	5358.85
	23.314	33000.00	1222.97	6.87	1223.61	1222.07	8.23	52.88	504.26	9220.00	1817.08	11090.00	3641.74
	23.409	33000.00	1225.23	8.53	1225.74	1223.99	6.82	38.75	500.34	9550.00	1865.86	11506.14	53[illegible]
	23.409	33000.00	1225.42	8.72	1226.19	1224.32	7.97	50.16	500.34	9550.00	1402.86	10970.00	3660.02

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	23.504	33000.00	1227.07	37.97	1227.43	1225.17	4.98	29.96	501.26	9680.00	1989.13	11669.13	5403.52
	23.504	33000.00	1227.67	38.57	1228.25	1225.76	6.00	34.41	501.26	9680.00	1200.00	10880.00	3674.80
	23.598	33000.00	1228.50	51.50	1228.96	1226.47	6.34	30.75	497.60	9683.54	1934.27	11617.81	5425.68
	23.598	33000.00	1229.19	52.19	1229.78	1226.89	6.66	28.01	497.60	9681.65	1088.35	10770.00	3687.76
	23.692	33000.00	1230.19	43.49	1231.04	1229.54	8.81	55.94	494.02	9650.00	1794.53	11444.53	5446.23
*	23.692	33000.00	1230.68	43.98	1231.90	1230.04	9.79	60.38	494.02	9650.00	1025.00	10675.00	3699.51
	23.790	31000.00	1232.64	53.24	1233.10	1231.19	6.70	29.01	519.17	9630.00	1677.02	11307.02	5466.37
	23.790	31000.00	1233.43	54.03	1234.26	1231.76	8.05	34.37	519.17	9630.00	1005.00	10635.00	3711.37
	23.881	31000.00	1233.93	26.73	1234.61	1232.54	7.63	31.93	477.96	9630.00	1626.86	11256.86	5484.28
	23.881	31000.00	1234.89	27.69	1235.69	1232.80	7.74	26.65	477.96	9630.00	1035.00	10665.00	3722.46
	23.974	31000.00	1236.02	13.72	1236.48	1234.23	6.25	43.90	492.24	9719.92	1362.59	11085.76	5501.33
	23.974	31000.00	1236.79	14.49	1237.24	1234.41	6.04	35.29	492.24	9718.81	1106.18	10825.00	3734.65
*	24.067	31000.00	1237.69	8.39	1237.91	1234.96	4.05	19.85	493.30	9230.00	1834.75	11064.75	5519.58
	24.067	31000.00	1238.28	8.98	1238.51	1235.35	4.22	18.74	493.30	9380.00	1640.00	11020.00	3750.34
	24.165	31000.00	1238.50	7.10	1238.71	1236.20	4.50	12.68	513.78	8750.00	2435.78	11185.78	5544.65
	24.165	31000.00	1239.04	7.64	1239.29	1236.59	4.76	12.41	513.78	9310.00	1875.00	11185.00	3771.11
	24.212	31000.00	1238.85	7.55	1239.05	1236.81	4.71	15.38	248.42	8520.00	2730.00	11250.00	5559.23
	24.212	31000.00	1239.38	8.08	1239.63	1237.08	4.98	14.97	248.42	9300.00	1950.00	11250.00	3782.00
	24.260	31000.00	1239.26	7.56	1239.42	1237.11	3.85	13.56	254.64	8290.00	2971.03	11261.03	5575.63
	24.260	31000.00	1239.79	8.09	1240.00	1237.47	4.33	14.46	254.64	9280.00	1981.00	11261.00	3793.42
	24.353	31000.00	1240.02	6.42	1240.25	1238.63	4.42	20.09	493.87	7860.00	3412.57	11272.57	5611.50
	24.353	31000.00	1240.54	6.94	1240.79	1238.53	4.45	16.93	493.87	9244.00	2028.00	11272.00	3816.34
*	24.449	31000.00	1241.31	6.31	1241.74	1240.50	6.27	42.81	502.64	7911.24	2827.36	11319.38	5646.81
*	24.449	31000.00	1241.65	6.65	1242.15	1240.57	6.50	40.85	502.64	9350.53	1854.11	11319.00	3839.20
	24.543	31000.00	1243.35	7.75	1243.67	1242.15	5.21	35.04	500.50	7851.23	3080.30	11419.23	5680.45
	24.543	31000.00	1243.61	8.01	1243.98	1242.15	5.28	32.97	500.50	9340.00	2032.95	11419.00	3861.37
	24.631	31000.00	1245.12	6.92	1245.46	1244.10	5.12	43.50	462.47	7893.28	3428.53	11775.17	5714.56
	24.631	31000.00	1245.37	7.17	1245.79	1244.32	5.66	46.85	462.47	9420.00	2147.61	11595.00	3883.44
	24.721	31000.00	1247.03	6.43	1247.28	1245.92	4.49	34.70	474.09	7573.23	3933.35	12197.40	5753.71
	24.721	31000.00	1247.43	6.83	1247.77	1246.05	5.08	38.21	474.09	9537.42	2209.00	11765.00	3906.85
	24.816	31000.00	1248.70	7.30	1248.95	1247.39	4.25	33.91	500.52	7539.16	4089.19	12683.00	5798.67
	24.816	31000.00	1249.23	7.83	1249.56	1247.74	4.84	35.29	500.52	9680.00	2345.00	12025.00	3932.27
	24.910	31000.00	1250.39	6.49	1250.62	1248.97	3.85	34.72	497.86	7621.16	4324.22	12982.12	5845.68
	24.910	31000.00	1251.00	7.10	1251.30	1249.37	4.39	36.00	497.86	9628.24	2549.54	12200.00	3959.70

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	24.996	31000.00	1252.08	5.78	1252.35	1251.07	4.80	43.72	453.23	7833.25	3903.65	13065.66	5887.31
	24.996	31000.00	1252.67	6.37	1253.03	1251.51	5.44	41.31	453.23	9776.35	2513.65	12290.00	3985.50
	25.098	31000.00	1254.38	5.78	1254.67	1253.33	5.30	43.84	539.63	8060.03	3697.04	12888.47	5933.38
	25.098	31000.00	1254.94	6.34	1255.34	1253.89	5.93	46.05	539.63	9880.64	2273.96	12250.00	4014.42
	25.192	29000.00	1256.15	6.15	1256.51	1255.23	6.29	29.95	498.98	8291.70	3604.25	12651.69	5976.03
	25.192	29000.00	1256.63	6.63	1257.04	1255.36	6.37	25.90	498.98	9853.50	2119.54	11973.04	4039.44
	25.288	29000.00	1257.69	6.39	1258.48	1257.35	8.50	45.29	504.05	8869.25	2605.54	12345.34	6012.65
	25.288	29000.00	1257.96	6.66	1258.74	1257.34	8.27	39.42	504.05	9811.45	1931.01	11784.75	4062.74
	25.382	29000.00	1259.61	5.91	1260.37	1259.12	7.98	32.55	497.55	9272.29	2671.20	12069.27	6042.04
	25.382	29000.00	1259.71	6.01	1260.53	1259.11	8.10	32.55	497.55	9740.00	1871.42	11611.42	4084.38
	25.478	29000.00	1261.20	7.30	1262.29	1260.93	9.83	41.23	506.16	9581.13	1988.18	11749.51	6068.14
	25.478	29000.00	1261.31	7.41	1262.35	1260.96	9.60	38.34	506.16	9753.91	1934.06	11715.00	4105.46
	25.526	29000.00	1262.41	8.71	1263.12	1261.34	8.37	24.43	253.16	9668.29	1820.60	11600.00	6079.28
	25.526	29000.00	1262.48	8.79	1263.11	1261.36	7.97	21.83	253.16	9779.33	2025.67	11805.00	4117.04
	25.572	29000.00	1262.88	8.18	1263.78	1261.85	9.31	24.86	245.34	9814.71	1625.75	11440.46	6088.81
	25.572	29000.00	1262.71	8.01	1263.92	1262.03	10.40	32.02	245.34	9840.00	1370.00	11210.00	41[illegible]
	25.666	29000.00	1264.04	8.64	1265.02	1262.90	9.44	24.77	496.69	9802.11	1218.05	11114.11	6104.62
	25.666	29000.00	1264.18	8.78	1265.38	1262.94	10.04	27.33	496.69	9830.00	914.56	10810.00	4139.13
	25.691	29000.00	1265.52	7.52	1266.09	1264.13	6.64	19.97	460.00	9210.46	1622.66	10833.12	6119.66
	25.691	29000.00	1265.82	7.82	1266.52	1264.09	7.03	20.82	460.00	9521.00	979.00	10500.00	4149.13
*	25.720	29000.00	1266.39	8.59	1267.75	1266.39	13.10	57.99	375.00	9033.37	1639.09	10672.46	6133.14
*	25.720	29000.00	1266.76	8.96	1268.52	1266.76	13.90	60.56	375.00	9370.00	930.00	10300.00	4157.10
*	25.790	29000.00	1268.35	9.55	1268.93	1267.23	9.18	19.72	350.00	8663.71	1847.17	10510.88	6147.15
*	25.790	29000.00	1268.95	10.15	1269.83	1267.40	10.30	22.67	350.00	9300.00	950.00	10250.00	4164.65
*	25.860	29000.00	1268.84	8.84	1270.39	1268.84	11.26	34.43	400.00	8283.24	1729.92	10204.54	6163.57
	25.860	29000.00	1269.68	9.68	1270.80	1268.62	9.70	22.23	400.00	9150.00	1051.00	10201.00	4173.84
*	25.940	29000.00	1271.77	8.37	1272.71	1271.77	11.47	69.81	430.00	8140.96	2745.91	10886.87	6186.32
*	25.940	29000.00	1272.17	8.77	1273.62	1272.17	12.87	80.45	430.00	9080.00	1200.00	10280.00	4185.31
*	26.030	29000.00	1274.11	7.81	1274.35	1272.50	5.41	22.95	460.00	8051.78	3341.97	11393.75	6213.63
*	26.030	29000.00	1275.01	8.71	1275.42	1273.00	6.27	24.01	460.00	9170.00	1520.00	10690.00	4197.78
	26.120	29000.00	1275.23	7.63	1275.45	1273.52	5.69	25.49	450.00	8229.61	3465.64	11804.21	6249.36
	26.120	29000.00	1276.20	8.60	1276.56	1274.51	6.56	25.89	450.00	9180.00	1840.00	11020.00	4215.65
*	26.200	29000.00	1276.79	7.59	1277.30	1276.07	7.97	64.29	460.00	8536.79	2504.92	11657.59	628[illegible]
*	26.200	29000.00	1277.65	8.45	1278.50	1277.24	9.27	65.39	460.00	9230.00	1830.00	11060.00	4235.03

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	26.290	29000.00	1279.01	7.41	1279.44	1277.95	7.08	37.81	440.00	8461.54	3366.23	11867.93	6310.16
	26.290	29000.00	1279.92	8.32	1280.55	1278.63	7.68	34.78	440.00	9380.00	1680.00	11060.00	4252.27
	26.370	29000.00	1280.59	8.69	1280.91	1279.21	6.69	25.84	460.00	8629.11	3563.63	12251.68	6347.56
	26.370	29000.00	1281.46	9.56	1282.08	1280.05	8.04	30.66	460.00	9480.00	1510.00	10990.00	4269.32
	26.470	27000.00	1282.05	6.75	1282.58	1280.98	7.44	43.73	490.00	8987.28	2305.19	12464.30	6380.58
	26.470	27000.00	1283.03	7.73	1283.70	1281.59	7.69	35.52	490.00	9500.00	1320.00	10820.00	4285.14
	26.550	27000.00	1283.99	7.39	1284.45	1282.97	7.40	43.55	430.00	9223.34	3474.63	13036.77	6408.98
	26.550	27000.00	1284.70	8.10	1285.48	1283.45	8.50	46.68	430.00	9600.00	1130.00	10730.00	4297.21
	26.630	27000.00	1285.76	6.36	1286.04	1283.99	6.05	27.23	460.00	9493.56	3949.67	13443.23	6448.67
	26.630	27000.00	1286.65	7.25	1287.12	1284.02	6.78	27.00	460.00	9780.00	990.00	10770.00	4308.51
	26.730	27000.00	1286.89	7.09	1287.47	1285.00	8.24	28.85	490.00	9724.11	3319.57	13352.24	6487.97
	26.730	27000.00	1287.75	7.95	1288.28	1284.97	7.60	21.01	490.00	9870.00	980.00	10850.00	4319.27
	26.830	27000.00	1288.37	6.37	1289.18	1287.90	9.83	50.22	540.00	9873.37	3536.39	13409.76	6515.54
*	26.830	27000.00	1288.78	6.78	1289.80	1287.65	10.29	50.37	540.00	9874.00	996.00	10870.00	4327.98
*	26.940	27000.00	1290.17	8.07	1290.76	1288.62	7.97	21.76	590.00	9805.83	3364.75	13170.58	6545.02
	26.940	27000.00	1290.72	8.62	1291.50	1288.64	8.58	23.13	590.00	9806.00	904.00	10710.00	4337.38
	27.030	27000.00	1291.21	10.01	1292.01	1289.08	9.37	34.92	460.00	9703.74	2165.38	11869.11	6567.75
	27.030	27000.00	1291.91	10.71	1292.61	1289.08	8.67	26.41	460.00	9704.00	796.00	10500.00	4345.16
	27.110	27000.00	1292.70	9.00	1292.94	1289.58	5.26	20.59	420.00	8827.30	2599.07	11426.37	6586.53
	27.110	27000.00	1293.15	9.45	1293.56	1290.35	6.64	28.83	420.00	9130.00	1010.00	10140.00	4351.99
	27.190	27000.00	1293.80	7.80	1294.12	1291.59	6.29	22.16	420.00	8158.08	2092.48	10250.56	6613.65
	27.190	27000.00	1294.54	8.54	1295.04	1292.86	7.42	26.17	420.00	8700.00	1350.00	10050.00	4367.15
	27.300	27000.00	1295.36	6.16	1295.74	1294.12	7.02	28.70	580.00	7740.50	2337.77	10078.27	6646.68
	27.300	27000.00	1296.23	7.03	1296.77	1294.99	7.73	28.86	580.00	8490.00	1592.00	10082.00	4389.19
	27.390	27000.00	1297.02	6.72	1297.41	1295.62	7.64	26.06	470.00	7398.65	2701.47	10100.12	6685.39
	27.390	27000.00	1297.90	7.60	1298.53	1296.84	8.89	29.87	470.00	8400.00	1670.00	10070.00	4413.89
	27.480	27000.00	1298.67	7.17	1299.13	1297.93	8.09	33.73	500.00	7587.14	2599.53	10186.67	6722.44
	27.480	27000.00	1299.65	8.15	1300.25	1298.62	8.55	30.74	500.00	8500.00	1630.00	10130.00	4436.81
	27.580	27000.00	1300.64	7.54	1300.93	1299.07	6.53	24.20	520.00	7859.45	2287.54	10146.99	6760.10
	27.580	27000.00	1301.54	8.44	1301.98	1299.63	7.40	25.39	520.00	8700.00	1414.00	10114.00	4460.05
	27.680	27000.00	1302.30	7.60	1302.83	1301.49	8.42	47.98	520.00	7541.05	2554.70	10101.06	6791.50
	27.680	27000.00	1303.16	8.46	1303.94	1302.08	9.29	47.02	520.00	8930.00	1171.00	10101.00	4476.70
	27.770	27000.00	1304.47	7.07	1305.03	1303.59	8.30	42.53	490.00	7526.74	2082.98	10104.59	6817.12
	27.770	27000.00	1305.31	7.91	1306.16	1304.33	9.33	43.88	490.00	8980.00	1125.00	10105.00	4489.42

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	27.860	25000.00	1306.05	8.55	1306.55	1304.91	7.30	24.30	475.00	7589.71	2169.40	10130.63	6840.30
	27.860	25000.00	1307.01	9.51	1307.61	1305.34	7.49	21.31	475.00	9060.00	1040.00	10100.00	4501.22
*	27.940	25000.00	1307.44	8.34	1308.00	1306.56	8.33	49.63	440.00	7877.74	1900.05	10203.16	6859.86
	27.940	25000.00	1308.19	9.09	1308.91	1306.78	8.59	43.22	440.00	9320.00	883.00	10203.00	4510.55
*	28.040	25000.00	1309.51	5.91	1309.80	1307.67	6.17	24.32	500.00	8283.72	2344.96	10854.48	6885.91
	28.040	25000.00	1310.25	6.65	1310.84	1308.32	7.71	31.67	500.00	9480.00	960.00	10440.00	4521.68
	28.120	25000.00	1310.69	6.09	1311.39	1309.88	9.53	46.11	450.00	8712.61	1908.06	10913.64	6907.82
	28.120	25000.00	1311.63	7.03	1312.59	1310.12	10.08	42.54	450.00	9600.00	970.00	10570.00	4531.67
	28.210	25000.00	1312.36	7.96	1312.95	1310.77	7.61	23.81	480.00	9247.02	1504.22	10888.52	6926.62
	28.210	25000.00	1313.28	8.88	1314.11	1311.11	8.34	24.32	480.00	9700.00	950.00	10650.00	4542.25
	28.310	25000.00	1313.63	7.73	1314.34	1312.55	8.94	33.36	490.00	9561.35	1448.44	11009.78	6942.96
	28.310	25000.00	1314.60	8.70	1315.37	1312.98	8.79	27.08	490.00	9710.00	1010.00	10720.00	4553.18
	28.390	25000.00	1315.03	8.33	1315.62	1313.50	8.26	26.52	435.00	9779.62	1726.82	11506.44	6958.62
	28.390	25000.00	1315.73	9.03	1316.65	1313.66	9.40	30.46	435.00	9870.00	860.00	10730.00	4562.42
	28.450	25000.00	1315.94	9.24	1317.02	1314.89	9.86	43.14	320.00	9935.73	1147.67	11083.40	6972.87
	28.450	25000.00	1316.64	9.94	1318.15	1315.04	10.72	44.89	320.00	9936.00	504.00	10440.00	45[illegible]
	28.520	25000.00	1317.43	10.33	1318.30	1315.63	8.88	28.63	360.00	9955.87	1043.43	10999.30	6981.92
	28.520	25000.00	1318.31	11.21	1319.42	1315.43	9.28	27.13	360.00	9956.00	394.00	10350.00	4572.60
	28.580	25000.00	1318.32	9.32	1319.21	1316.36	8.24	24.89	340.00	9953.92	1144.81	11098.73	6990.46
	28.580	25000.00	1319.23	10.23	1320.26	1316.13	8.39	22.20	340.00	9954.00	386.00	10340.00	4575.65
	28.670	25000.00	1319.51	8.01	1320.62	1318.69	10.03	38.97	460.00	9950.49	1186.25	11173.23	7000.75
	28.670	25000.00	1320.13	8.63	1321.81	1318.38	11.18	43.45	460.00	9950.00	350.00	10300.00	4579.35
	28.760	25000.00	1321.06	8.56	1322.34	1320.26	9.85	37.51	475.00	9920.06	1215.71	11322.31	7010.51
	28.760	25000.00	1322.05	9.55	1323.55	1319.81	10.00	32.84	475.00	9917.88	342.12	10260.00	4582.83
	28.860	25000.00	1323.02	9.92	1324.30	1322.76	10.38	46.24	515.00	9911.52	1559.51	11800.58	7021.66
	28.860	25000.00	1323.95	10.85	1325.28	1322.43	10.06	36.96	515.00	9912.00	488.00	10400.00	4587.06
	28.950	25000.00	1325.31	13.01	1326.09	1324.34	8.02	35.42	475.00	9945.50	1907.72	12055.97	7035.25
	28.950	25000.00	1325.92	13.62	1326.91	1324.34	8.43	34.22	475.00	9946.00	654.00	10600.00	4592.38
	29.040	25000.00	1326.82	9.62	1327.28	1324.72	6.35	18.71	510.00	9807.87	1968.62	11776.49	7051.68
*	29.040	25000.00	1327.53	10.33	1328.07	1324.73	6.49	17.00	510.00	9827.00	803.00	10630.00	4599.59
	29.140	23000.00	1327.82	8.42	1328.24	1326.25	6.22	23.36	500.00	9590.64	1937.73	11528.37	7069.23
	29.140	23000.00	1328.41	9.01	1329.10	1326.49	7.24	27.47	500.00	9760.00	760.00	10520.00	4607.52
	29.230	23000.00	1328.95	7.55	1329.40	1327.13	6.34	27.01	475.00	9516.80	1436.82	11268.27	70[illegible]
	29.230	23000.00	1329.72	8.32	1330.54	1328.16	7.71	32.85	475.00	9720.00	732.72	10452.72	4615.37

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
*	29.300	23000.00	1330.28	7.98	1331.27	1329.90	9.08	78.53	400.00	9547.80	1216.80	10993.57	7097.34
	29.300	23000.00	1331.23	8.93	1332.23	1330.28	8.48	51.96	400.00	9720.00	690.00	10410.00	4621.90
*	29.390	23000.00	1332.48	7.88	1332.98	1330.44	6.18	22.32	440.00	9489.31	1147.76	10637.07	7109.02
*	29.390	23000.00	1333.03	8.43	1333.73	1330.71	6.75	23.36	440.00	9693.00	607.00	10300.00	4628.43
	29.470	23000.00	1333.38	9.28	1334.10	1331.59	7.35	25.65	445.00	9307.34	1049.00	10356.34	7119.88
	29.470	23000.00	1333.97	9.87	1334.87	1331.44	7.77	25.43	445.00	9660.00	551.00	10211.00	4634.31
	29.540	23000.00	1334.19	7.49	1335.51	1333.18	9.92	42.50	380.00	9212.90	921.29	10134.19	7128.47
	29.540	23000.00	1334.88	8.18	1336.01	1333.07	9.08	31.48	380.00	9620.00	515.89	10135.89	4638.97
	29.611	23000.00	1336.02	7.12	1337.47	1335.65	10.75	67.18	375.00	9302.95	807.19	10110.13	7135.13
*	29.611	23000.00	1336.00	7.10	1338.14	1335.91	12.35	89.33	375.00	9620.00	490.00	10110.00	4643.01
	29.624	23000.00	1336.83	8.33	1337.82	.00	8.78	38.06	70.00	9122.17	979.94	10102.12	7136.57
*	29.624	23000.00	1337.68	9.18	1338.81	.00	8.85	32.82	70.00	9620.00	484.00	10104.00	4643.79
	29.720	23000.00	1338.85	8.35	1339.42	1337.18	6.73	27.61	495.00	8963.76	1265.53	10229.29	7148.55
	29.720	23000.00	1339.60	9.10	1340.19	1337.03	6.59	22.90	495.00	9560.00	665.00	10225.00	4650.11
	29.800	23000.00	1339.98	12.28	1340.33	1335.53	5.36	14.28	460.00	9416.55	833.44	10561.43	7159.63
	29.800	23000.00	1340.61	12.91	1340.98	1335.52	5.29	12.51	460.00	9820.00	640.00	10460.00	4657.00
	29.890	23000.00	1340.69	11.09	1340.98	1335.68	4.49	14.72	445.00	9667.22	815.30	10678.42	7168.01
	29.890	23000.00	1341.25	11.65	1341.64	1336.32	5.17	17.87	445.00	9870.00	630.00	10500.00	4663.46
*	29.990	23000.00	1341.53	8.63	1342.66	1340.40	10.08	73.74	525.00	9705.79	648.86	10500.08	7176.60
*	29.990	23000.00	1342.20	9.30	1343.67	1341.31	11.23	83.89	525.00	9850.00	477.85	10400.00	4669.93
	30.070	23000.00	1344.36	10.36	1345.27	1342.19	8.76	42.46	450.00	9656.01	614.20	10275.61	7183.34
*	30.070	23000.00	1345.22	11.22	1345.99	1342.12	8.03	30.99	450.00	9780.00	496.81	10276.81	4675.19
*	30.170	23000.00	1346.14	10.54	1346.70	1342.65	6.93	18.42	520.00	9642.18	572.13	10214.31	7190.14
	30.170	23000.00	1346.57	10.97	1347.37	1343.09	7.92	22.60	520.00	9740.00	420.00	10160.00	4680.55
	30.260	23000.00	1347.17	8.27	1347.61	1343.91	5.88	18.15	485.00	9739.28	743.79	10613.73	7197.50
	30.260	23000.00	1347.83	8.93	1348.38	1344.06	6.24	18.15	485.00	9748.00	512.00	10260.00	4685.74
	30.360	23000.00	1348.23	7.03	1348.92	1346.35	7.47	32.87	515.00	9786.99	862.74	10871.91	7207.17
	30.360	23000.00	1348.83	7.63	1349.76	1346.47	8.15	34.84	515.00	9820.00	460.00	10280.00	4691.52
	30.460	23000.00	1349.82	8.62	1350.76	1347.90	8.20	37.87	495.00	9799.67	679.04	10875.19	7216.30
	30.460	23000.00	1350.47	9.27	1351.44	1347.90	8.04	32.27	495.00	9814.00	416.00	10230.00	4696.56
	30.550	21000.00	1351.58	8.18	1352.33	1348.51	7.06	25.30	500.00	9736.57	646.17	10818.21	7224.06
	30.550	21000.00	1352.07	8.67	1352.79	1348.49	6.79	21.71	500.00	9735.65	395.25	10130.90	4701.23
	30.650	21000.00	1353.06	9.36	1354.34	1351.13	10.03	51.06	530.00	9781.16	443.80	10911.83	7230.57
*	30.650	21000.00	1353.33	9.63	1354.61	1351.05	9.90	47.99	530.00	9781.00	326.69	10107.69	4705.63

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	30.730	21000.00	1354.84	9.64	1356.07	1352.45	9.60	33.82	420.00	9864.07	475.04	11030.42	7234.83
	30.730	21000.00	1354.99	9.79	1356.33	1352.35	9.81	34.56	420.00	9864.00	316.00	10180.00	4708.71
*	30.820	21000.00	1356.75	11.55	1357.22	1352.90	6.20	16.47	500.00	9901.41	801.24	11137.68	7241.01
	30.820	21000.00	1356.94	11.74	1357.80	1353.69	7.77	25.12	500.00	9901.06	378.94	10280.00	4712.43
	30.920	21000.00	1357.60	11.60	1357.97	1354.26	5.71	12.51	510.00	9853.58	782.53	10636.11	7250.51
	30.920	21000.00	1358.19	12.19	1358.92	1354.87	7.30	18.84	510.00	9854.00	476.00	10330.00	4717.50
	31.010	21000.00	1358.33	8.83	1358.92	1355.92	6.96	23.33	490.00	9727.07	938.71	10665.78	7261.92
	31.010	21000.00	1359.20	9.70	1360.04	1356.31	7.70	24.77	490.00	9727.00	673.00	10400.00	4724.83
	31.110	21000.00	1359.58	10.18	1360.31	1357.68	7.96	32.40	490.00	9871.73	883.70	10755.43	7272.31
	31.110	21000.00	1360.51	11.11	1361.40	1358.90	8.33	30.29	490.00	9872.00	698.00	10570.00	4732.63
	31.200	21000.00	1361.29	11.39	1361.66	1358.83	6.39	21.21	510.00	9581.75	950.93	10532.68	7283.05
	31.200	21000.00	1362.23	12.33	1362.70	1359.35	6.85	20.75	510.00	9710.00	680.00	10390.00	4740.72
*	31.290	21000.00	1362.52	7.02	1363.23	1361.29	8.10	54.50	460.00	9450.00	830.37	10451.95	7292.51
*	31.290	21000.00	1363.34	7.84	1364.26	1361.82	8.71	52.44	460.00	9570.00	692.79	10300.00	4747.96
*	31.390	21000.00	1364.77	10.07	1365.16	1362.48	5.89	26.61	510.00	9513.45	914.34	10427.79	7302.82
*	31.390	21000.00	1365.59	10.89	1365.99	1362.76	5.91	22.22	510.00	9550.00	770.00	10320.00	47[illegible]
	31.490	21000.00	1366.34	6.84	1366.81	1364.26	6.26	32.56	545.00	9471.01	840.16	10311.17	7313.95
	31.490	21000.00	1366.92	7.42	1367.44	1364.60	6.47	30.11	545.00	9600.00	700.00	10300.00	4765.97
	31.590	21000.00	1367.77	9.07	1368.17	1364.70	5.72	22.25	510.00	9457.39	718.38	10175.77	7323.03
	31.590	21000.00	1368.36	9.66	1368.93	1365.68	6.84	27.96	510.00	9580.00	596.00	10176.00	4773.53
	31.670	21000.00	1368.72	11.52	1369.08	1365.46	5.24	18.29	450.00	9463.07	733.63	10196.70	7330.57
	31.670	21000.00	1369.54	12.34	1370.01	1366.46	6.01	20.33	450.00	9570.00	627.00	10197.00	4779.87
	31.770	21000.00	1369.76	13.56	1370.25	1367.01	6.34	28.92	500.00	9469.30	650.44	10119.74	7338.48
	31.770	21000.00	1370.67	14.47	1371.25	1367.92	7.02	29.10	500.00	9550.00	570.00	10120.00	4786.71
	31.860	21000.00	1371.26	9.26	1371.73	1368.72	5.88	28.93	500.00	9580.72	692.60	10273.31	7346.34
	31.860	21000.00	1372.14	10.14	1372.69	1369.38	6.42	27.81	500.00	9680.00	582.00	10262.00	4793.44
	31.960	19000.00	1372.48	8.18	1373.00	1370.06	6.33	21.67	505.00	9583.92	662.96	10246.88	7354.13
	31.960	19000.00	1373.29	8.99	1373.82	1370.12	6.24	18.17	505.00	9730.00	517.00	10247.00	4799.77
	32.050	19000.00	1373.53	11.33	1374.12	1370.61	6.89	22.09	505.00	9461.84	644.28	10106.13	7361.63
	32.050	19000.00	1374.18	11.98	1374.79	1370.63	6.81	19.42	505.00	9670.00	428.00	10098.00	4805.21
	32.150	19000.00	1374.89	8.69	1375.59	1373.61	7.64	41.64	495.00	9339.83	761.57	10101.40	7369.28
*	32.150	19000.00	1375.34	9.14	1376.27	1373.92	8.35	45.04	495.00	9560.00	541.00	10101.00	4810.55
	32.240	19000.00	1376.72	9.82	1377.25	1374.88	6.62	32.34	475.00	9346.47	713.63	10060.10	73[illegible]
	32.240	19000.00	1377.37	10.47	1378.02	1375.36	7.05	31.82	475.00	9500.00	560.64	10060.64	4816.16

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	32.340	19000.00	1378.49	10.29	1379.04	1376.49	5.69	37.31	540.00	9408.16	640.78	10048.95	7384.56
	32.340	19000.00	1379.18	10.98	1379.81	1376.98	6.19	37.37	540.00	9530.00	522.23	10052.23	4822.59
*	32.430	19000.00	1379.70	15.90	1380.00	1375.54	3.61	10.52	460.00	9494.57	604.69	10099.26	7391.84
*	32.430	19000.00	1380.53	16.73	1380.89	1376.34	4.36	13.21	460.00	9600.00	502.34	10102.34	4828.49
*	32.520	19000.00	1380.32	8.32	1380.89	1377.39	6.29	27.21	480.00	9714.69	520.08	10272.92	7398.29
	32.520	19000.00	1381.27	9.27	1381.79	1377.75	6.23	23.13	480.00	9760.00	485.89	10273.00	4834.06
	32.580	19000.00	1381.12	10.62	1381.85	1377.27	7.02	29.30	325.00	9840.81	367.41	10411.73	7401.54
	32.580	19000.00	1381.93	11.43	1382.52	1377.27	6.35	21.21	325.00	9841.00	449.33	10412.00	4837.43
	32.640	19000.00	1382.02	15.82	1382.59	1377.09	6.06	22.36	310.00	9883.67	393.37	10501.27	7404.05
	32.640	19000.00	1382.59	16.39	1383.09	1377.09	5.66	18.06	310.00	9882.91	399.90	10501.00	4840.17
	32.720	19000.00	1382.59	18.79	1383.70	1378.07	9.04	30.98	420.00	9616.99	297.50	10453.21	7406.93
	32.720	19000.00	1383.03	19.23	1384.03	1378.18	8.60	27.20	420.00	9617.00	311.33	10453.00	4843.15
	32.790	19000.00	1383.75	16.55	1385.01	1378.94	9.17	35.02	380.00	9700.09	312.83	10319.67	7409.68
	32.790	19000.00	1384.05	16.85	1385.21	1378.94	8.86	31.99	380.00	9700.00	319.82	10320.00	4846.00
*	32.860	19000.00	1385.51	10.61	1387.21	1384.87	11.07	98.52	380.00	9806.95	432.33	10331.70	7413.12
	32.860	19000.00	1385.64	10.74	1387.24	1384.87	10.76	91.31	380.00	9807.00	444.45	10332.00	4849.54
	32.920	19000.00	1388.40	7.40	1390.20	1387.46	11.01	92.91	310.00	9875.99	304.01	10180.00	7415.80
	32.920	19000.00	1388.36	7.36	1390.19	1387.46	11.07	94.45	310.00	9876.07	303.93	10180.00	4852.27
	32.979	19000.00	1391.12	11.42	1393.73	1390.50	13.35	118.36	315.00	9857.21	218.94	10076.15	7417.69
	32.979	19000.00	1391.13	11.43	1393.74	1390.50	13.33	117.98	315.00	9857.19	219.01	10076.20	4854.17
	32.984	19000.00	1391.39	12.98	1394.15	1390.95	13.34	150.07	28.00	9824.22	257.69	10081.91	7417.85
	32.984	19000.00	1391.44	13.04	1394.12	1391.05	13.16	145.21	28.00	9824.00	258.00	10082.00	4854.32
*	32.993	19000.00	1392.97	14.57	1394.72	1390.95	10.17	76.15	45.00	9817.15	275.10	10092.25	7418.12
	32.993	19000.00	1392.97	14.57	1394.68	1391.03	10.10	75.06	45.00	9817.14	275.12	10092.26	4854.59
	32.998	19000.00	1393.16	11.76	1394.94	1391.65	10.73	81.30	27,00	9842.60	265.57	10108.17	7418.29
	32.998	19000.00	1393.12	11.72	1394.92	1391.65	10.79	82.96	27.00	9842.69	265.37	10108.06	4854.76
*	33.060	19000.00	1395.52	12.42	1396.08	1390.31	5.14	17.79	320.00	9729.10	357.74	10086.84	7420.49
*	33.060	19000.00	1395.51	12.41	1396.07	1390.31	5.15	17.85	320.00	9729.12	357.68	10086.79	4856.97
*	33.120	19000.00	1396.19	11.99	1396.37	1389.28	3.22	5.26	320.00	9540.60	563.05	10103.65	7423.58
*	33.120	19000.00	1396.18	11.98	1396.41	1389.59	3.70	6.97	320.00	9600.00	490.00	10090.00	4859.82
	33.190	19000.00	1396.38	10.58	1396.60	1391.75	3.79	9.66	350.00	9343.36	677.50	10020.86	7428.06
*	33.190	19000.00	1396.43	10.63	1396.74	1392.36	4.62	14.24	350.00	9440.00	580.97	10020.97	4863.73
	33.250	19000.00	1396.43	11.23	1397.47	1394.62	8.62	60.96	315.00	9700.00	385.96	10085.96	7431.86
*	33.250	19000.00	1396.88	11.68	1397.47	1394.16	6.52	32.78	315.00	9600.00	489.45	10089.45	4867.56

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	33.290	19000.00	1397.73	17.43	1398.97	1395.69	9.14	65.15	235.00	9750.00	306.49	10056.49	7433.67
*	33.290	19000.00	1397.47	17.17	1398.71	1395.55	9.18	68.45	235.00	9740.00	315.62	10055.62	4869.64
*	33.300	19000.00	1398.61	18.21	1399.18	1391.29	6.08	16.21	50.00	9695.95	388.98	10084.93	7434.06
*	33.300	19000.00	1398.32	17.92	1398.93	1391.29	6.27	17.69	50.00	9786.00	297.60	10083.60	4869.99
	33.360	19000.00	1399.10	17.20	1399.76	1393.30	6.97	20.30	305.00	9909.28	374.69	10338.56	7436.63
	33.360	19000.00	1398.86	16.96	1399.55	1393.30	7.15	21.71	305.00	9910.05	358.04	10327.00	4872.26
	33.410	19000.00	1399.74	12.84	1400.49	1395.03	6.97	31.48	275.00	9966.41	316.18	10282.59	7438.95
	33.410	19000.00	1399.54	12.64	1400.33	1395.07	7.13	33.52	275.00	9966.91	313.41	10280.32	4874.51
	33.460	9000.00	1400.77	18.87	1400.89	1389.02	2.83	3.78	275.00	9898.35	342.06	10240.41	7441.08
	33.460	9000.00	1400.63	18.73	1400.75	1389.02	2.86	3.94	275.00	9898.87	331.13	10230.00	4876.58
	33.540	9000.00	1400.93	16.53	1401.10	1391.71	3.31	6.39	400.00	9881.08	292.05	10173.14	7444.00
	33.540	9000.00	1400.79	16.39	1400.97	1391.71	3.36	6.66	400.00	9881.83	290.52	10172.35	4879.44
	33.630	9000.00	1401.28	17.28	1401.59	1393.78	4.49	12.83	510.00	9889.80	228.18	10117.98	7447.04
	33.630	9000.00	1401.16	17.16	1401.48	1393.78	4.55	13.30	510.00	9890.60	226.57	10117.17	4882.47
*	33.730	9000.00	1402.02	11.52	1402.56	1398.96	6.20	28.91	490.00	9801.91	281.98	10151.23	7449.92
*	33.730	9000.00	1401.93	11.43	1402.53	1398.92	6.50	32.20	490.00	9803.00	238.71	10110.00	48[illegible]
	33.820	9000.00	1403.11	15.71	1403.58	1395.32	5.51	15.02	500.00	9706.15	170.17	10061.22	7452.51
*	33.820	9000.00	1403.13	15.73	1403.60	1395.31	5.50	14.94	500.00	9708.00	168.67	10061.27	4887.43

SUMMARY OF ERRORS AND SPECIAL NOTES

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WARNING SECNO=     1.480  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     1.480  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     1.560  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     1.560  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     3.400  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     3.400  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     3.400  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     3.400  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     3.430  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     3.430  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     3.729  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     3.729  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     3.767  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     3.767  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     3.780  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     3.780  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     4.094  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     4.094  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     4.094  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     4.094  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     4.160  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     4.160  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     4.790  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     4.790  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     5.203  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     5.203  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     5.203  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     5.203  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     5.250  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     5.250  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     6.520  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     6.520  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     6.770  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     6.770  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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WARNING SECNO=     6.890  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     6.890  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     6.930  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     6.930  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     7.020  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     7.020  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     7.200  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     7.200  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     7.670  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     7.670  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     8.030  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     8.030  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     8.768  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     8.992  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     8.992  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     9.790  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     9.885  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     9.885  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    10.265  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    10.265  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    10.538  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    11.325  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    11.325  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    11.410  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    11.410  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    11.847  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    12.725  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    13.103  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    13.103  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    13.395  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    13.395  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    13.450  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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WARNING SECNO=     13.450  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     13.518  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     13.518  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     14.619  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     14.905  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     15.469  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     15.469  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     16.385  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     16.385  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     16.385  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     16.385  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     16.471  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     16.471  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     17.277  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     17.277  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     17.548  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     17.548  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     17.638  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     17.638  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     17.638  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     17.638  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     17.730  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     17.730  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     17.821  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     17.821  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     17.910  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     17.910  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     18.369  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     18.369  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     18.839  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     18.839  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     19.256  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     19.352  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     19.352  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     21.245  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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WARNING SECNO=     21.245  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     21.337  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     21.337  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     21.431  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     21.431  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     21.524  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     21.524  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     21.621  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     21.621  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     21.716  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     21.716  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     22.082  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     22.177  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     22.558  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     22.558  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     22.651  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     22.651  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     23.692  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     24.067  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=     24.449  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     24.449  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     25.720  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     25.720  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     25.720  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     25.720  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     25.790  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=     25.790  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=     25.860  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     25.860  PROFILE=  1  MINIMUM SPECIFIC ENERGY

CAUTION SECNO=     25.940  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     25.940  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=     25.940  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=     25.940  PROFILE=  2  MINIMUM SPECIFIC ENERGY

WARNING SECNO=     26.030  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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WARNING SECNO=    26.030  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    26.200  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    26.200  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    26.830  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    26.940  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    26.940  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    27.940  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    28.040  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    29.040  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    29.300  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    29.390  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    29.390  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    29.611  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    29.624  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    29.990  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    29.990  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    30.070  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    30.170  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    30.650  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    30.820  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    31.290  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    31.290  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    31.390  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    31.390  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    32.150  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    32.430  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    32.430  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    32.520  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    32.860  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    32.860  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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WARNING SECNO=    32.993  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.060  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    33.060  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.120  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    33.120  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.190  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.250  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    33.250  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.290  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.300  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    33.300  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.730  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=    33.730  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=    33.820  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
.160	2300.	9911.	5.1	917.3	916.6	.7
.250	2350.	10610.	4.8	918.8	918.1	.7
.350	2560.	12213.	4.2	920.4	919.6	.8
.440	2670.	12439.	4.1	921.8	920.9	.9
.540	2620.	12420.	4.1	922.9	922.0	.9
.630	2470.	11058.	4.6	924.1	923.3	.8
.730	2300.	11634.	4.4	925.5	924.7	.8
.830	2167.	10598.	4.8	926.5	925.9	.6
.920	2030.	9554.	5.3	927.6	926.9	.7
1.010	1950.	10022.	5.1	928.7	927.8	.9
1.100	1770.	9559.	5.3	929.6	928.8	.8
1.170	1620.	8054.	6.3	930.6	929.8	.8
1.250	1500.	6899.	7.4	931.9	931.0	.9
1.330	1617.	8160.	6.2	933.8	933.0	.8
1.400	1756.	7637.	6.7	935.1	934.2	.9
1.480	1910.	9906.	5.1	936.7	936.0	.7
1.560	1839.	12618.	4.0	937.4	936.6	.8
1.640	1952.	12869.	4.0	937.7	936.8	.9
1.710	1935.	11464.	4.4	938.0	937.2	.8
1.790	1993.	10796.	4.7	938.5	937.6	.9
1.870	1861.	9230.	5.5	938.9	938.2	.7
1.940	1849.	9343.	5.4	939.8	939.3	.5
2.020	1661.	8130.	6.3	940.6	940.1	.5
2.100	1519.	7850.	6.5	941.6	940.8	.8
2.180	1480.	8395.	6.1	942.5	941.7	.8
2.250	1359.	7376.	6.9	943.5	942.7	.8
2.330	1349.	8113.	6.3	944.8	944.0	.8
2.410	1610.	8731.	5.8	945.8	944.9	.9
2.510	1504.	8871.	5.7	946.9	946.1	.8
2.600	1844.	9861.	5.2	947.8	947.1	.7
2.700	2050.	10930.	4.7	948.7	948.2	.5
2.800	2049.	11578.	4.4	949.3	948.9	.4
2.890	2048.	11125.	4.6	949.8	949.5	.3
2.990	1923.	11322.	4.5	950.5	950.2	.3
3.080	1867.	12001.	4.2	951.0	950.7	.3
3.180	1650.	9859.	5.2	951.4	951.2	.2
3.270	1428.	8551.	6.0	952.1	952.0	.1
3.370	1202.	7943.	6.4	953.0	952.9	.1
3.400	1184.	4444.	11.5	952.7	952.8	-.1
3.430	1157.	6739.	7.6	954.8	954.8	.0
3.470	1147.	6892.	7.4	955.4	955.4	.0
3.550	1133.	6453.	7.9	956.4	956.4	.0

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
3.640	819.	5429.	9.4	957.9	957.8	.1
3.690	1030.	5408.	9.4	959.0	959.0	.0
3.729	1174.	9727.	5.2	960.5	960.5	.0
3.734	1185.	8852.	5.8	960.5	960.5	.0
3.747	1185.	8981.	5.7	960.6	960.6	.0
3.757	1111.	9370.	5.4	960.7	960.7	.0
3.767	1118.	7224.	7.0	960.6	960.6	.0
3.770	1118.	7294.	7.0	960.7	960.7	.0
3.780	1110.	8761.	5.9	961.0	961.0	.0
3.800	1123.	8725.	6.0	961.1	961.1	.0
3.810	1110.	7747.	6.7	961.1	961.1	.0
3.830	1135.	9016.	5.8	961.4	961.4	.0
3.930	1112.	8522.	6.1	961.8	961.8	.0
4.020	1112.	8969.	5.8	962.4	962.4	.0
4.040	1111.	7643.	6.8	962.3	962.3	.0
4.060	1112.	8418.	6.2	962.6	962.6	.0
4.092	1112.	8364.	6.2	962.8	962.8	.0
4.094	1106.	4514.	11.5	962.6	962.6	.0
4.160	1120.	7669.	6.8	965.0	965.0	.0
4.260	1113.	7530.	6.9	965.8	965.8	.0
4.270	1115.	7317.	7.1	965.9	965.9	.0
4.300	1113.	8127.	6.4	966.2	966.2	.0
4.390	1119.	8391.	6.2	966.8	966.8	.0
4.480	1118.	8893.	5.8	967.3	967.3	.0
4.500	1112.	8374.	6.2	967.4	967.4	.0
4.520	1107.	8872.	5.9	967.6	967.6	.0
4.600	1111.	9008.	5.8	967.9	967.9	.0
4.700	1107.	8580.	6.1	968.4	968.4	.0
4.754	1124.	8352.	6.2	968.6	968.6	.0
4.759	1124.	8468.	6.1	968.7	968.7	.0
4.790	1115.	6687.	7.8	968.7	968.7	.0
4.890	1170.	7273.	7.1	969.9	969.9	.0
4.980	1251.	8198.	6.3	970.9	970.9	.0
5.000	1264.	8053.	6.5	971.0	971.0	.0
5.020	1282.	7891.	6.6	971.1	971.1	.0
5.100	1345.	6891.	7.5	971.8	971.8	.0
5.150	1389.	5712.	9.1	972.5	972.5	.0
5.201	1392.	6680.	7.8	973.9	973.9	.0
5.203	1389.	4876.	10.7	973.5	973.5	.0
5.250	1378.	6165.	8.4	975.6	975.6	.0
5.270	1330.	5734.	9.1	976.0	976.0	.0
5.290	1386.	7030.	7.4	976.9	976.9	.0

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
5.305	1387.	7315.	7.1	977.2	977.2	.0
5.317	1387.	7202.	7.6	977.3	977.3	.0
5.328	1387.	7518.	7.2	977.5	977.5	.0
5.380	1292.	6919.	7.9	978.2	978.2	.0
5.480	1256.	7613.	7.1	979.6	979.6	.0
5.510	1235.	6353.	8.6	979.7	979.7	.0
5.540	1209.	6755.	8.1	980.2	980.2	.0
5.650	1127.	7882.	6.9	981.6	981.6	.0
5.689	1152.	8812.	6.2	982.1	982.1	.0
5.700	1153.	8891.	6.1	982.1	982.1	.0
5.750	1119.	8113.	6.7	982.4	982.4	.0
5.770	1124.	8082.	6.7	982.6	982.6	.0
5.790	1114.	6574.	8.3	982.6	982.6	.0
5.810	1111.	8071.	6.7	983.3	983.3	.0
5.900	1113.	7701.	7.1	984.0	984.0	.0
5.990	1110.	7700.	7.1	984.7	984.7	.0
6.070	1112.	7853.	6.9	985.4	985.4	.0
6.160	1115.	7629.	7.1	986.1	986.1	.0
6.260	1116.	6806.	8.0	986.9	986.9	.0
6.350	1095.	7057.	7.7	988.1	988.1	.0
6.430	1067.	6188.	8.8	989.0	989.0	.0
6.520	1095.	8177.	6.7	990.4	990.4	.0
6.540	1100.	6634.	8.2	990.3	990.3	.0
6.560	1108.	7906.	6.9	990.8	990.8	.0
6.590	1112.	8704.	6.3	991.1	991.1	.0
6.610	1114.	7156.	7.6	991.0	991.0	.0
6.640	1112.	8182.	6.6	991.5	991.5	.0
6.660	1112.	7434.	7.3	991.6	991.6	.0
6.690	1113.	8436.	6.4	992.0	992.0	.0
6.710	1111.	8414.	6.5	992.1	992.1	.0
6.730	1112.	8908.	6.1	992.3	992.3	.0
6.770	1103.	5010.	10.9	991.9	991.9	.0
6.790	1104.	5886.	9.2	992.9	992.9	.0
6.820	1106.	7359.	7.4	993.7	993.7	.0
6.890	1110.	5071.	10.7	994.2	994.2	.0
6.910	1125.	5037.	10.8	994.8	994.8	.0
6.930	1132.	6916.	7.9	996.1	996.1	.0
6.970	1143.	6931.	7.8	996.6	996.6	.0
6.990	1130.	5603.	9.7	996.6	996.6	.0
7.020	1115.	7493.	7.3	997.6	997.6	.0
7.060	1093.	7090.	7.7	998.0	998.0	.0
7.080	1088.	6503.	8.4	998.1	998.1	.0

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
7.100	1082.	6251.	8.7	998.3	998.3	.0
7.200	1063.	7770.	7.0	999.8	999.8	.0
7.290	1022.	6508.	8.4	1000.5	1000.5	.0
7.390	1002.	7106.	7.7	1001.7	1001.7	.0
7.490	980.	6846.	7.9	1002.6	1002.6	.0
7.580	966.	7454.	7.3	1003.6	1003.6	.0
7.670	1010.	9607.	5.7	1004.4	1004.4	.0
7.770	1032.	8204.	6.6	1004.7	1004.7	.0
7.870	1114.	8246.	6.6	1005.3	1005.3	.0
7.960	1315.	9309.	5.8	1006.0	1006.0	.0
7.990	1386.	9569.	5.7	1006.2	1006.2	.0
8.000	1462.	8641.	6.3	1006.2	1006.2	.0
8.010	1462.	8819.	6.2	1006.3	1006.3	.0
8.030	1436.	7048.	7.7	1006.2	1006.2	.0
8.105	1501.	8089.	6.7	1007.4	1007.4	.0
8.198	1493.	7966.	6.8	1008.4	1008.3	.1
8.325	1507.	7593.	7.2	1010.0	1010.0	.0
8.433	1725.	6087.	8.9	1012.1	1012.0	.1
8.534	1955.	8660.	6.3	1015.1	1014.4	.7
8.646	1940.	9853.	5.5	1016.6	1015.7	.9
8.768	1830.	8055.	6.8	1018.2	1017.3	.9
8.875	1770.	7808.	7.0	1020.0	1019.5	.5
8.992	1695.	10192.	5.3	1021.8	1021.3	.5
9.098	1739.	11036.	4.9	1022.6	1022.2	.4
9.177	1695.	10173.	5.3	1023.1	1022.8	.3
9.191	1688.	10367.	5.2	1023.2	1022.9	.3
9.198	1694.	9884.	5.5	1023.2	1022.9	.3
9.266	1895.	10094.	5.4	1023.8	1023.7	.1
9.343	1852.	9435.	5.8	1024.5	1024.4	.1
9.435	1594.	8993.	6.0	1025.5	1025.4	.1
9.519	1660.	8492.	6.4	1026.4	1026.3	.1
9.605	1630.	8505.	6.4	1027.5	1027.4	.1
9.696	1510.	7156.	7.6	1028.7	1028.7	.0
9.790	1399.	7728.	3.9	1030.5	1029.6	.9
9.885	1396.	5798.	5.2	1031.0	1030.4	.6
9.981	1306.	5544.	5.4	1032.1	1031.7	.4
10.071	1231.	5360.	5.6	1033.2	1032.8	.4
10.167	990.	5717.	5.2	1034.2	1033.8	.4
10.265	740.	3639.	8.2	1034.8	1034.5	.3
10.343	590.	3638.	8.2	1036.7	1036.6	.1
10.442	749.	4886.	6.1	1039.1	1038.5	.6
10.538	940.	6654.	4.5	1040.4	1039.7	.7

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
10.632	985.	6513.	4.6	1041.1	1040.5	.6
10.752	847.	5065.	5.9	1042.1	1041.8	.3
10.846	730.	4884.	6.1	1043.4	1043.2	.2
10.942	810.	5886.	5.1	1044.5	1044.3	.2
11.029	919.	6446.	4.7	1045.3	1045.1	.2
11.128	895.	6062.	4.9	1046.2	1046.0	.2
11.224	812.	5451.	5.5	1047.0	1046.8	.2
11.325	620.	2998.	10.0	1048.3	1048.3	.0
11.410	577.	4182.	7.2	1051.7	1051.7	.0
11.428	567.	3423.	8.8	1051.8	1051.8	.0
11.460	664.	3609.	9.6	1052.3	1052.3	.0
11.557	892.	5128.	6.7	1054.4	1054.4	.0
11.653	1321.	7721.	4.5	1057.5	1057.2	.3
11.750	1738.	6858.	5.0	1058.9	1058.5	.4
11.847	2149.	10427.	3.3	1061.1	1060.9	.2
11.900	2408.	6640.	5.2	1061.4	1061.1	.3
11.943	2473.	11667.	3.0	1063.1	1062.7	.4
12.042	2709.	17026.	2.0	1064.5	1064.0	.5
12.141	2875.	19591.	1.8	1065.3	1064.6	.7
12.247	2786.	21039.	1.6	1066.0	1065.2	.8
12.359	2500.	19757.	1.7	1066.4	1065.6	.8
12.420	2350.	14877.	2.3	1066.6	1065.7	.9
12.470	2300.	11248.	3.1	1066.7	1065.8	.9
12.529	2192.	10013.	3.4	1066.8	1066.0	.8
12.630	938.	6621.	5.2	1067.0	1066.3	.7
12.725	878.	5842.	5.9	1067.5	1066.7	.8
12.816	703.	4849.	7.1	1068.2	1067.6	.6
12.913	590.	4098.	8.4	1069.3	1069.0	.3
13.007	441.	3297.	10.5	1070.5	1070.4	.1
13.103	495.	4464.	7.7	1072.7	1072.7	.0
13.200	551.	5555.	6.2	1073.7	1073.6	.1
13.296	743.	6535.	5.3	1074.3	1074.2	.1
13.395	1099.	5609.	6.2	1074.8	1074.7	.1
13.450	1385.	8159.	4.2	1075.6	1075.5	.1
13.467	1420.	7897.	4.4	1075.7	1075.6	.1
13.518	1460.	4865.	7.1	1075.9	1075.9	.0
13.565	1431.	5190.	6.6	1077.3	1077.2	.1
13.663	1334.	5387.	6.4	1079.4	1079.2	.2
13.760	1207.	5513.	6.3	1081.2	1080.9	.3
13.856	1040.	5776.	6.0	1082.5	1082.2	.3
13.952	984.	4556.	7.6	1083.7	1083.5	.2
14.049	1030.	4856.	7.1	1085.8	1085.8	.0

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
14.145	1170.	5947.	5.8	1087.6	1087.5	.1
14.240	1267.	5590.	6.2	1088.7	1088.6	.1
14.335	1350.	5474.	6.3	1090.2	1089.9	.3
14.430	1347.	5577.	6.2	1091.8	1091.4	.4
14.525	1364.	6635.	5.2	1093.2	1092.7	.5
14.619	1474.	5367.	6.4	1094.2	1093.8	.4
14.708	1730.	5339.	6.5	1095.8	1095.7	.1
14.809	780.	4609.	7.5	1097.4	1097.1	.3
14.905	830.	5541.	6.2	1098.8	1098.6	.2
15.000	840.	4681.	7.4	1099.8	1099.4	.4
15.094	860.	5387.	6.4	1101.2	1100.5	.7
15.188	795.	4451.	7.8	1102.1	1101.3	.8
15.281	710.	3940.	8.8	1103.4	1102.9	.5
15.374	558.	3364.	10.3	1105.0	1104.3	.7
15.469	621.	4983.	6.9	1107.7	1106.9	.8
15.564	661.	5174.	6.7	1108.7	1107.9	.8
15.658	670.	5087.	6.8	1109.7	1109.1	.6
15.719	668.	5078.	6.8	1110.3	1109.8	.5
15.814	654.	4361.	7.9	1110.9	1110.6	.3
15.909	709.	5553.	6.2	1112.2	1112.1	.1
16.004	803.	6622.	5.2	1113.0	1112.9	.1
16.099	667.	5098.	6.8	1113.3	1113.3	.0
16.195	427.	4059.	8.5	1114.0	1113.7	.3
16.289	399.	4008.	8.6	1115.0	1114.7	.3
16.385	398.	2416.	14.3	1115.5	1115.6	-.1
16.471	441.	4134.	8.7	1119.3	1119.1	.2
16.482	454.	4648.	7.7	1119.8	1119.6	.2
16.506	461.	4606.	7.8	1120.0	1119.8	.2
16.514	427.	3867.	9.3	1119.9	1119.7	.2
16.518	435.	4248.	8.5	1120.9	1120.8	.1
16.612	387.	4178.	8.6	1122.0	1121.9	.1
16.707	384.	4274.	8.4	1123.1	1123.1	.0
16.801	368.	4413.	8.2	1124.2	1124.2	.0
16.895	374.	4388.	8.2	1125.1	1125.0	.1
16.990	344.	4120.	8.7	1125.9	1125.9	.0
17.085	410.	4393.	8.2	1127.0	1127.0	.0
17.180	476.	4480.	8.0	1128.1	1128.1	.0
17.277	705.	7431.	4.8	1129.5	1129.5	.0
17.370	825.	7868.	4.6	1130.0	1129.8	.2
17.458	970.	7670.	4.7	1130.4	1130.1	.3
17.548	989.	6140.	5.9	1131.0	1130.6	.4
17.638	1037.	3579.	10.5	1134.2	1133.9	.3

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
17.730	1030.	4976.	7.5	1138.5	1138.2	.3
17.821	885.	5418.	6.9	1140.0	1139.6	.4
17.910	1045.	7645.	4.9	1141.1	1140.5	.6
18.000	1070.	7728.	4.9	1141.6	1140.9	.7
18.093	1025.	6744.	5.6	1142.1	1141.4	.7
18.182	1020.	6170.	6.1	1142.8	1142.2	.6
18.275	1084.	6133.	6.1	1143.8	1143.4	.4
18.369	1090.	4637.	8.1	1145.3	1145.0	.3
18.464	980.	5199.	7.2	1148.1	1147.4	.7
18.558	935.	5333.	7.0	1150.0	1149.1	.9
18.653	970.	5602.	6.7	1151.5	1150.8	.7
18.748	948.	4993.	7.5	1152.8	1152.4	.4
18.839	994.	6039.	6.2	1154.1	1153.9	.2
18.937	1096.	7554.	5.0	1155.3	1155.1	.2
18.962	1066.	6860.	5.5	1155.5	1155.3	.2
18.978	1068.	6379.	5.9	1155.6	1155.4	.2
19.066	1355.	5968.	6.3	1156.8	1156.7	.1
19.162	1644.	6041.	6.2	1158.4	1158.4	.0
19.256	1850.	4564.	8.2	1160.4	1160.3	.1
19.352	2142.	7471.	5.0	1163.3	1163.0	.3
19.446	2167.	7876.	4.8	1164.5	1164.1	.4
19.542	2243.	7327.	5.1	1165.5	1165.2	.3
19.635	2238.	6894.	5.4	1166.8	1166.6	.2
19.732	2320.	6546.	5.7	1168.3	1168.0	.3
19.827	2207.	7057.	5.3	1170.1	1169.7	.4
19.920	2118.	7298.	5.1	1171.4	1171.0	.4
20.015	1818.	6409.	5.9	1172.8	1172.4	.4
20.111	1575.	6265.	6.0	1174.4	1174.0	.4
20.207	1314.	5569.	6.7	1175.8	1175.4	.4
20.294	1159.	6699.	5.6	1177.2	1176.7	.5
20.343	1250.	6269.	6.0	1177.8	1177.4	.4
20.388	1120.	5215.	7.2	1178.4	1178.0	.4
20.435	980.	4387.	8.5	1179.2	1178.9	.3
20.483	870.	4443.	8.4	1180.3	1179.9	.4
20.579	669.	4141.	9.1	1182.1	1181.4	.7
20.675	594.	4412.	8.5	1183.6	1183.0	.6
20.769	779.	5748.	6.5	1185.3	1184.4	.9
20.864	970.	5641.	6.2	1186.2	1185.3	.9
20.958	1134.	4875.	7.2	1187.1	1186.2	.9
21.061	1100.	4473.	7.8	1188.1	1187.2	.9
21.157	1125.	8023.	4.4	1189.8	1189.2	.6
21.245	1029.	5900.	5.9	1190.6	1190.2	.4

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
21.337	966.	10554.	3.3	1191.5	1191.2	.3
21.431	923.	4911.	7.1	1191.7	1191.3	.4
21.524	937.	7288.	4.8	1193.6	1193.5	.1
21.621	860.	9254.	3.8	1194.3	1194.2	.1
21.716	830.	5196.	6.7	1194.5	1194.5	.0
21.798	951.	4724.	7.4	1196.3	1196.0	.3
21.893	1114.	4792.	7.3	1198.5	1198.3	.2
21.986	1397.	6377.	5.5	1200.7	1200.6	.1
22.082	1594.	7633.	4.6	1202.0	1201.7	.3
22.177	1678.	5335.	6.6	1203.0	1202.1	.9
22.273	1650.	4965.	7.0	1204.7	1204.5	.2
22.368	2094.	7393.	4.5	1206.6	1206.6	.0
22.462	2713.	7973.	4.1	1207.6	1207.6	.0
22.558	2919.	4634.	7.1	1208.9	1208.9	.0
22.651	3069.	7565.	4.4	1211.5	1211.5	.0
22.745	3179.	6992.	4.7	1212.8	1212.8	.0
22.839	3105.	7362.	4.5	1214.3	1214.3	.0
22.935	3155.	7845.	4.2	1215.6	1215.6	.0
23.029	3010.	6330.	5.2	1217.0	1217.0	.0
23.124	2575.	6518.	5.1	1219.1	1219.1	.0
23.219	2201.	6643.	5.0	1221.0	1221.0	.0
23.314	1870.	5440.	6.1	1223.0	1223.0	.0
23.409	1420.	4826.	6.8	1225.4	1225.2	.2
23.504	1200.	5430.	6.1	1227.7	1227.1	.6
23.598	1088.	5467.	6.0	1229.2	1228.5	.7
23.692	1025.	4064.	8.1	1230.7	1230.2	.5
23.790	1005.	4787.	6.5	1233.4	1232.6	.8
23.881	1035.	4963.	6.2	1234.9	1233.9	1.0
23.974	1106.	5901.	5.3	1236.8	1236.0	.8
24.067	1640.	8345.	3.7	1238.3	1237.7	.6
24.165	1875.	8274.	3.7	1239.0	1238.5	.5
24.212	1950.	8203.	3.8	1239.3	1238.8	.5
24.260	1981.	8471.	3.7	1239.8	1239.3	.5
24.353	2028.	7929.	3.9	1240.5	1240.0	.5
24.449	1968.	5719.	5.4	1241.6	1241.3	.3
24.543	2079.	6379.	4.9	1243.7	1243.4	.3
24.631	2175.	6020.	5.1	1245.4	1245.1	.3
24.721	2228.	6596.	4.7	1247.4	1247.0	.4
24.816	2345.	6777.	4.6	1249.2	1248.7	.5
24.910	2572.	6999.	4.4	1251.0	1250.4	.6
24.996	2514.	6508.	4.8	1252.7	1252.1	.6
25.098	2369.	6195.	5.0	1255.0	1254.4	.6

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
25.192	2120.	6517.	4.4	1256.6	1256.1	.5
25.288	1973.	5059.	5.7	1258.0	1257.7	.3
25.382	1871.	5155.	5.6	1259.7	1259.6	.1
25.478	1961.	4760.	6.1	1261.3	1261.2	.1
25.526	2026.	6251.	4.6	1262.5	1262.4	.1
25.572	1370.	4409.	6.6	1262.7	1262.9	-.2
25.666	980.	4145.	7.0	1264.1	1264.0	.1
25.691	979.	4675.	6.2	1265.8	1265.5	.3
25.720	930.	3672.	7.9	1266.8	1266.4	.4
25.790	950.	5151.	5.6	1269.0	1268.4	.6
25.860	1051.	4668.	6.2	1269.6	1268.8	.8
25.940	1200.	4146.	7.0	1272.2	1271.8	.4
26.030	1520.	6654.	4.4	1275.0	1274.1	.9
26.120	1840.	7481.	3.9	1276.2	1275.2	1.0
26.200	1830.	5163.	5.6	1277.7	1276.8	.9
26.290	1680.	5865.	4.9	1279.9	1279.0	.9
26.370	1510.	6112.	4.7	1281.5	1280.6	.9
26.470	1320.	5215.	5.2	1283.0	1282.0	1.0
26.550	1130.	4783.	5.6	1284.7	1284.0	.7
26.630	990.	5621.	4.8	1286.7	1285.8	.9
26.730	980.	5991.	4.5	1287.8	1286.9	.9
26.830	996.	4397.	6.1	1288.8	1288.4	.4
26.940	904.	5152.	5.2	1290.7	1290.2	.5
27.030	796.	4984.	5.4	1291.9	1291.2	.7
27.110	1010.	5566.	4.9	1293.2	1292.7	.5
27.190	1350.	5939.	4.5	1294.5	1293.8	.7
27.300	1592.	6115.	4.4	1296.3	1295.4	.9
27.390	1670.	5741.	4.7	1297.9	1297.0	.9
27.480	1630.	5842.	4.6	1299.7	1298.7	1.0
27.580	1414.	6008.	4.5	1301.5	1300.6	.9
27.680	1171.	4546.	5.9	1303.2	1302.3	.9
27.770	1125.	4503.	6.0	1305.3	1304.5	.8
27.860	1040.	5059.	4.9	1307.1	1306.1	1.0
27.940	883.	4161.	6.0	1308.1	1307.4	.7
28.040	960.	4610.	5.4	1310.2	1309.5	.7
28.120	970.	3939.	6.3	1311.6	1310.7	.9
28.210	950.	4233.	5.9	1313.3	1312.4	.9
28.310	1010.	4588.	5.4	1314.6	1313.6	1.0
28.390	860.	4014.	6.2	1315.7	1315.0	.7
28.450	504.	2847.	8.8	1316.6	1315.9	.7
28.520	394.	3195.	7.8	1318.3	1317.4	.9
28.580	386.	3182.	7.9	1319.2	1318.3	.9

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
28.670	350.	2601.	9.6	1320.1	1319.5	.6
28.760	342.	2652.	9.4	1322.1	1321.1	1.0
28.860	488.	3071.	8.1	1323.9	1323.0	.9
28.950	654.	3467.	7.2	1325.9	1325.3	.6
29.040	803.	4756.	5.3	1327.5	1326.8	.7
29.140	760.	3807.	6.0	1328.4	1327.8	.6
29.230	733.	3490.	6.6	1329.8	1329.0	.8
29.300	690.	3043.	7.6	1331.3	1330.3	1.0
29.390	607.	3504.	6.6	1333.1	1332.5	.6
29.470	551.	3198.	7.2	1334.0	1333.4	.6
29.540	516.	3019.	7.6	1334.9	1334.2	.7
29.611	490.	2175.	10.6	1336.0	1336.0	.0
29.624	484.	2926.	7.9	1337.7	1336.8	.9
29.720	665.	4026.	5.7	1339.6	1338.9	.7
29.800	640.	4933.	4.7	1340.6	1340.0	.6
29.890	630.	4583.	5.0	1341.3	1340.7	.6
29.990	550.	2545.	9.0	1342.2	1341.5	.7
30.070	497.	3456.	6.7	1345.3	1344.4	.9
30.170	420.	3494.	6.6	1346.5	1346.1	.4
30.260	512.	3986.	5.8	1347.9	1347.2	.7
30.360	460.	3106.	7.4	1348.8	1348.2	.6
30.460	416.	2984.	7.7	1350.5	1349.8	.7
30.550	395.	3093.	6.8	1352.1	1351.6	.5
30.650	327.	2404.	8.7	1353.4	1353.1	.3
30.730	316.	2462.	8.5	1355.0	1354.8	.2
30.820	379.	2986.	7.0	1357.0	1356.8	.2
30.920	476.	3458.	6.1	1358.2	1357.6	.6
31.010	673.	3356.	6.3	1359.2	1358.3	.9
31.110	698.	3372.	6.2	1360.5	1359.6	.9
31.200	680.	4283.	4.9	1362.2	1361.3	.9
31.290	730.	2966.	7.1	1363.3	1362.5	.8
31.390	770.	4385.	4.8	1365.6	1364.8	.8
31.490	700.	3804.	5.5	1366.9	1366.3	.6
31.590	596.	3648.	5.8	1368.4	1367.8	.6
31.670	627.	4004.	5.2	1369.5	1368.7	.8
31.770	570.	3619.	5.8	1370.7	1369.8	.9
31.860	582.	3609.	5.8	1372.2	1371.3	.9
31.960	517.	3487.	5.4	1373.3	1372.5	.8
32.050	428.	3212.	5.9	1374.1	1373.5	.6
32.150	541.	2714.	7.0	1375.3	1374.9	.4
32.240	561.	3143.	6.0	1377.3	1376.7	.6
32.340	522.	2972.	6.4	1379.2	1378.5	.7

FLOODWAY DATA, EAR EVENT EXISTING CO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
32.430	502.	3939.	4.8	1380.5	1379.7	.8
32.520	513.	3363.	5.6	1381.2	1380.3	.9
32.580	571.	3115.	6.1	1381.9	1381.1	.8
32.640	618.	3363.	5.6	1382.6	1382.0	.6
32.720	836.	2491.	7.6	1383.0	1382.6	.4
32.790	620.	2332.	8.1	1384.0	1383.7	.3
32.860	525.	1974.	9.6	1385.6	1385.5	.1
32.920	304.	1790.	10.6	1388.4	1388.4	.0
32.979	219.	1472.	12.9	1391.1	1391.1	.0
32.984	258.	1449.	13.1	1391.5	1391.4	.1
32.993	275.	1815.	10.5	1393.0	1393.0	.0
32.998	265.	1770.	10.7	1393.2	1393.2	.0
33.060	358.	3235.	5.9	1395.5	1395.5	.0
33.120	490.	4981.	3.8	1396.2	1396.2	.0
33.190	581.	4259.	4.5	1396.5	1396.4	.1
33.250	489.	3097.	6.1	1396.9	1396.4	.5
33.290	316.	2125.	8.9	1397.4	1397.7	-.3
33.300	298.	3072.	6.2	1398.3	1398.6	-.3
33.360	417.	2972.	6.4	1398.9	1399.1	-.2
33.410	313.	2666.	7.1	1399.5	1399.7	-.2
33.460	331.	3203.	2.8	1400.7	1400.8	-.1
33.540	291.	2682.	3.4	1400.8	1400.9	-.1
33.630	227.	1978.	4.6	1401.2	1401.3	-.1
33.730	307.	1480.	6.1	1401.9	1402.0	-.1
33.820	353.	1645.	5.5	1403.1	1403.1	.0

SECTION II

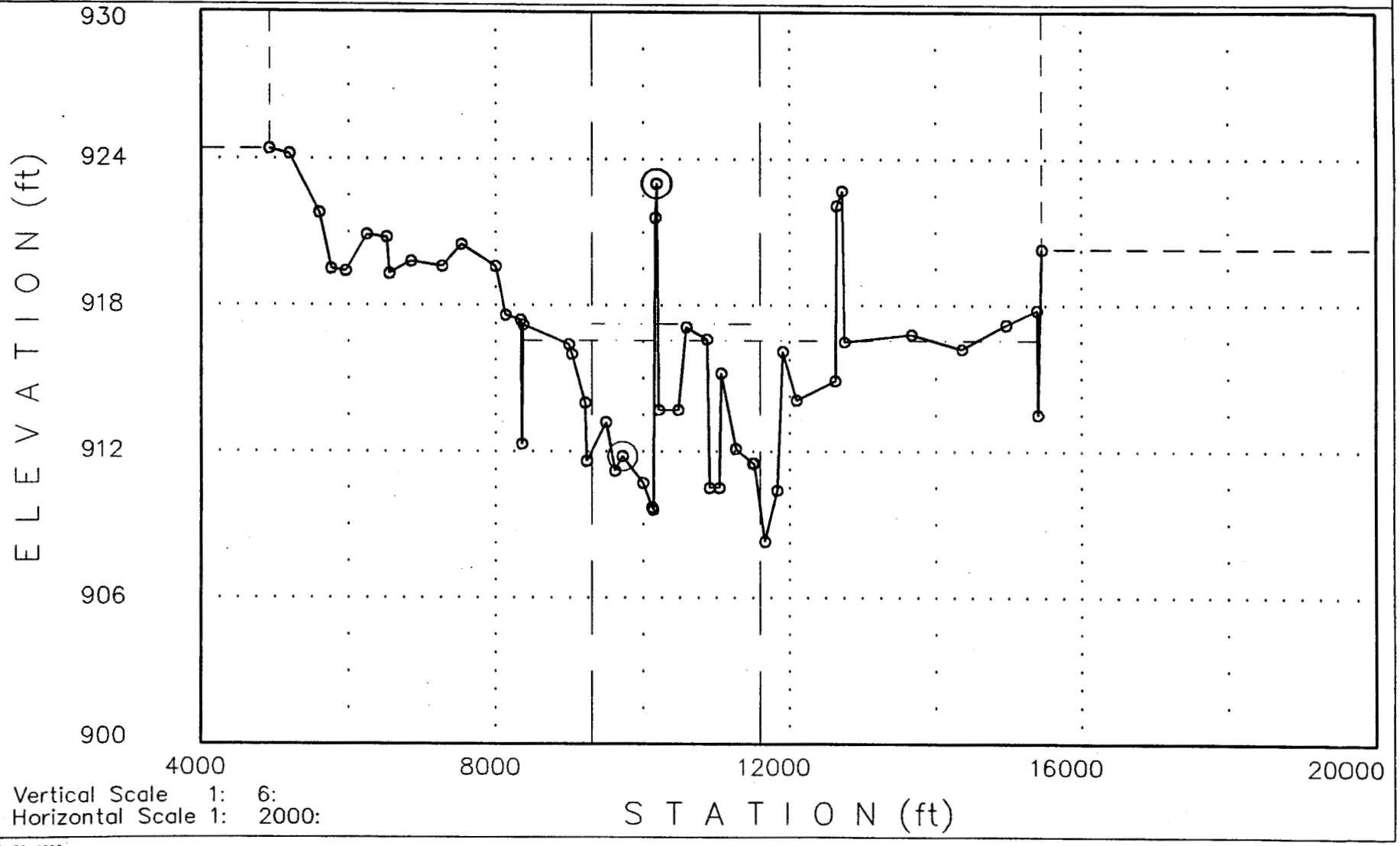
HEC-2 CROSS SECTION PLOTS

<<<<<< Cross Section: .16: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 916.56

Q2= 50900cfs WS2= 917.25

Manning-n Values: LOB: .045 CH: .035 ROB: .064 - .077



Vertical Scale 1: 6:

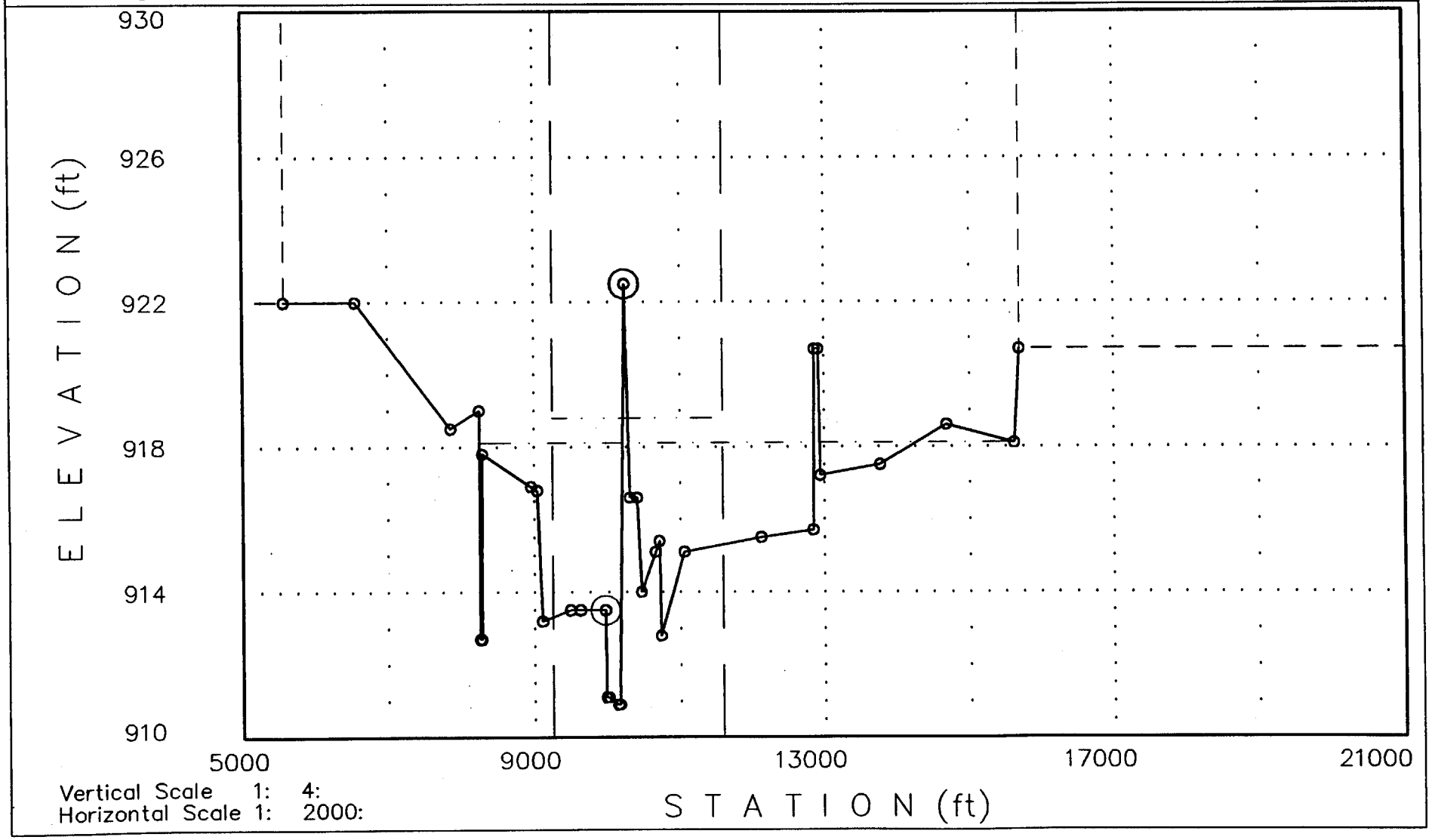
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .25: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 918.11
Q2= 50900cfs WS2= 918.8

Manning-n Values: LOB: .045 - .047 CH: .035 ROB: .086 - .092



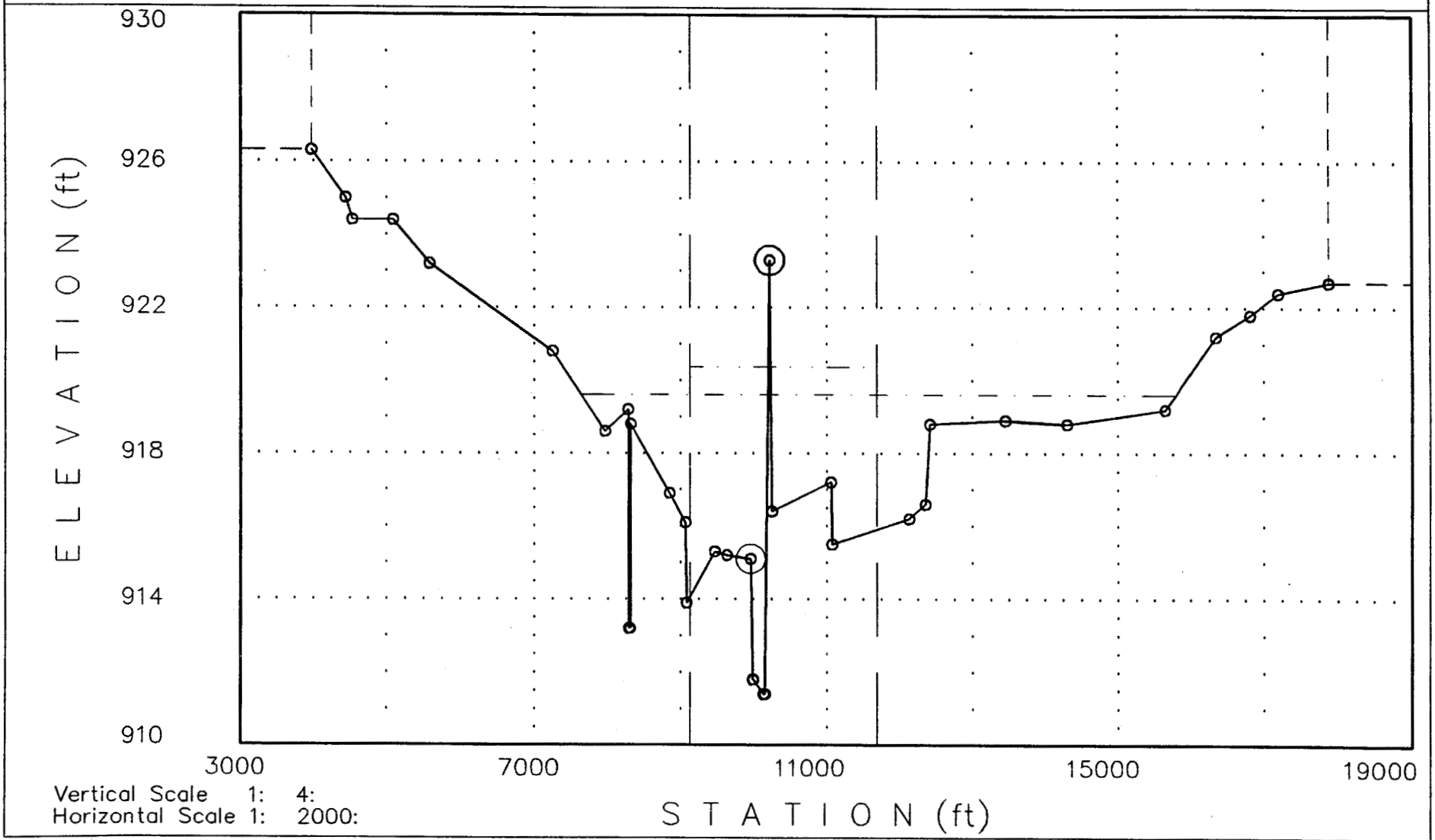
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .35: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 919.61
Q2= 50900cfs WS2= 920.37

Manning-n Values: LOB: .045 - .049 CH: .035 ROB: .1



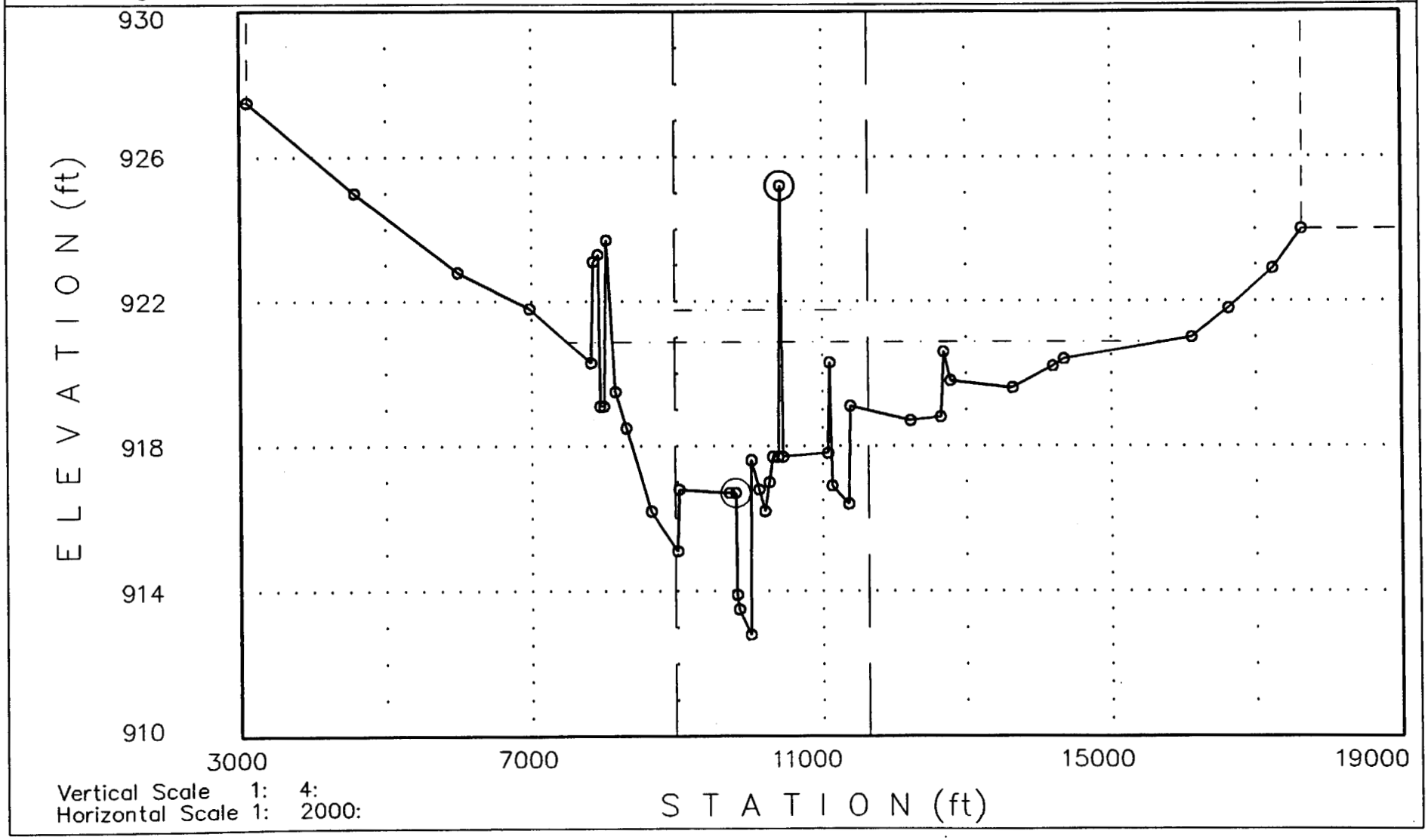
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .44: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 920.88
Q2= 50900cfs WS2= 921.76

Manning-n Values: LOB: .045 - .046 CH: .035 ROB: .1



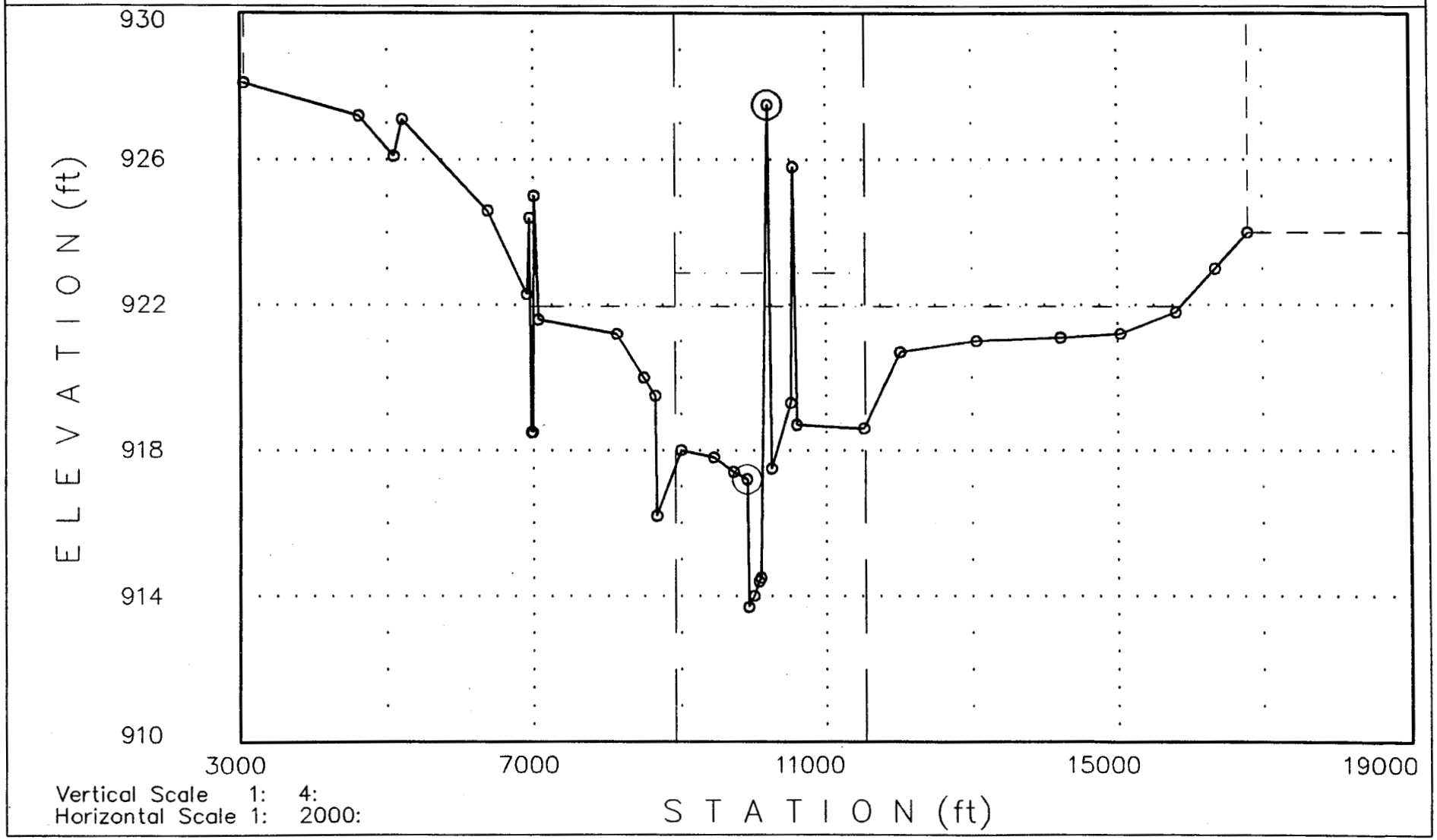
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .54: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 921.96
Q2= 50900cfs WS2= 922.89

Manning-n Values: LOB: .045 - .047 CH: .035 ROB: .08 - .086



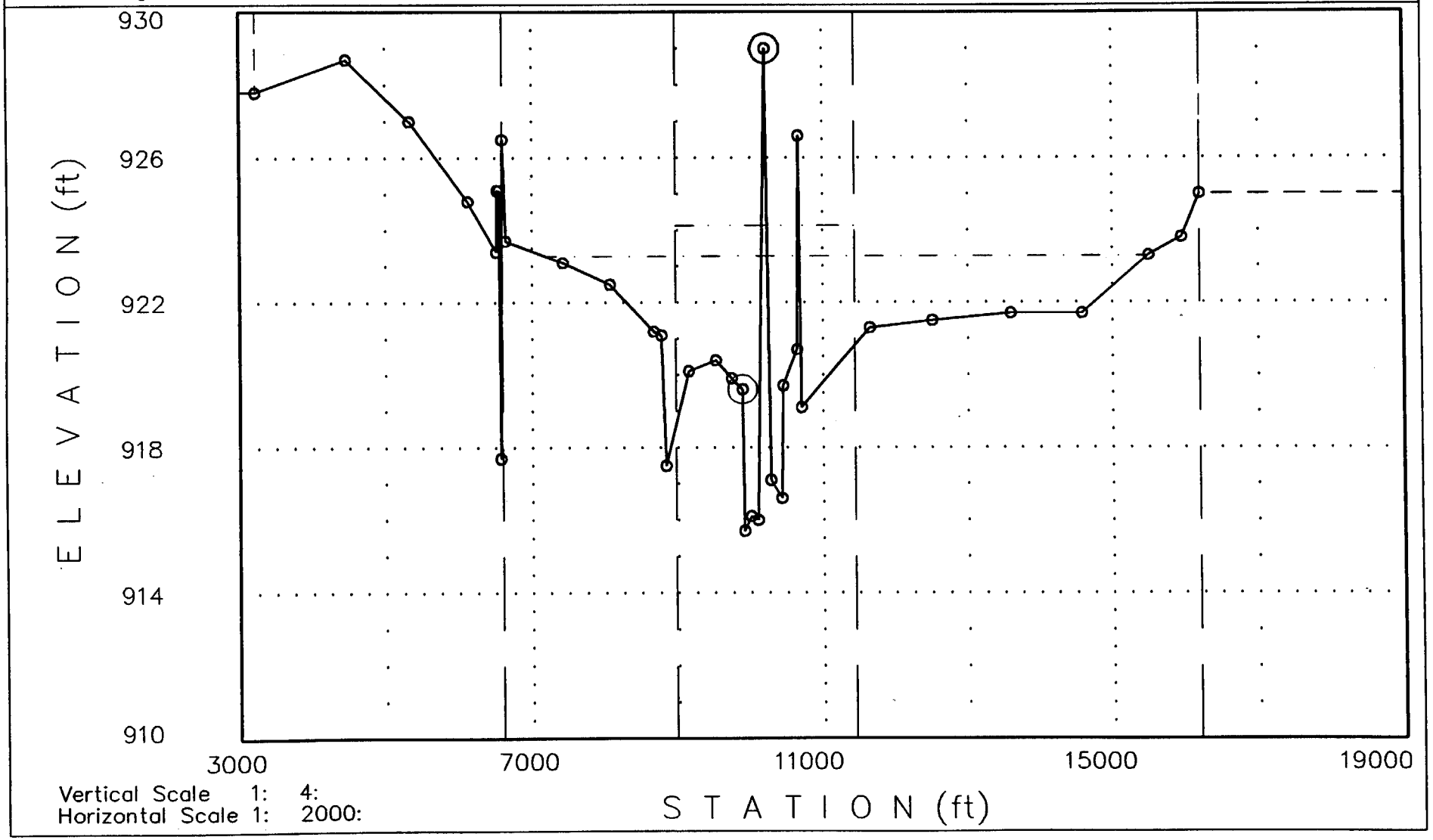
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .63: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 923.29
Q2= 50900cfs WS2= 924.13

Manning-n Values: LOB: .045 - .048 CH: .035 ROB: .069 - .079



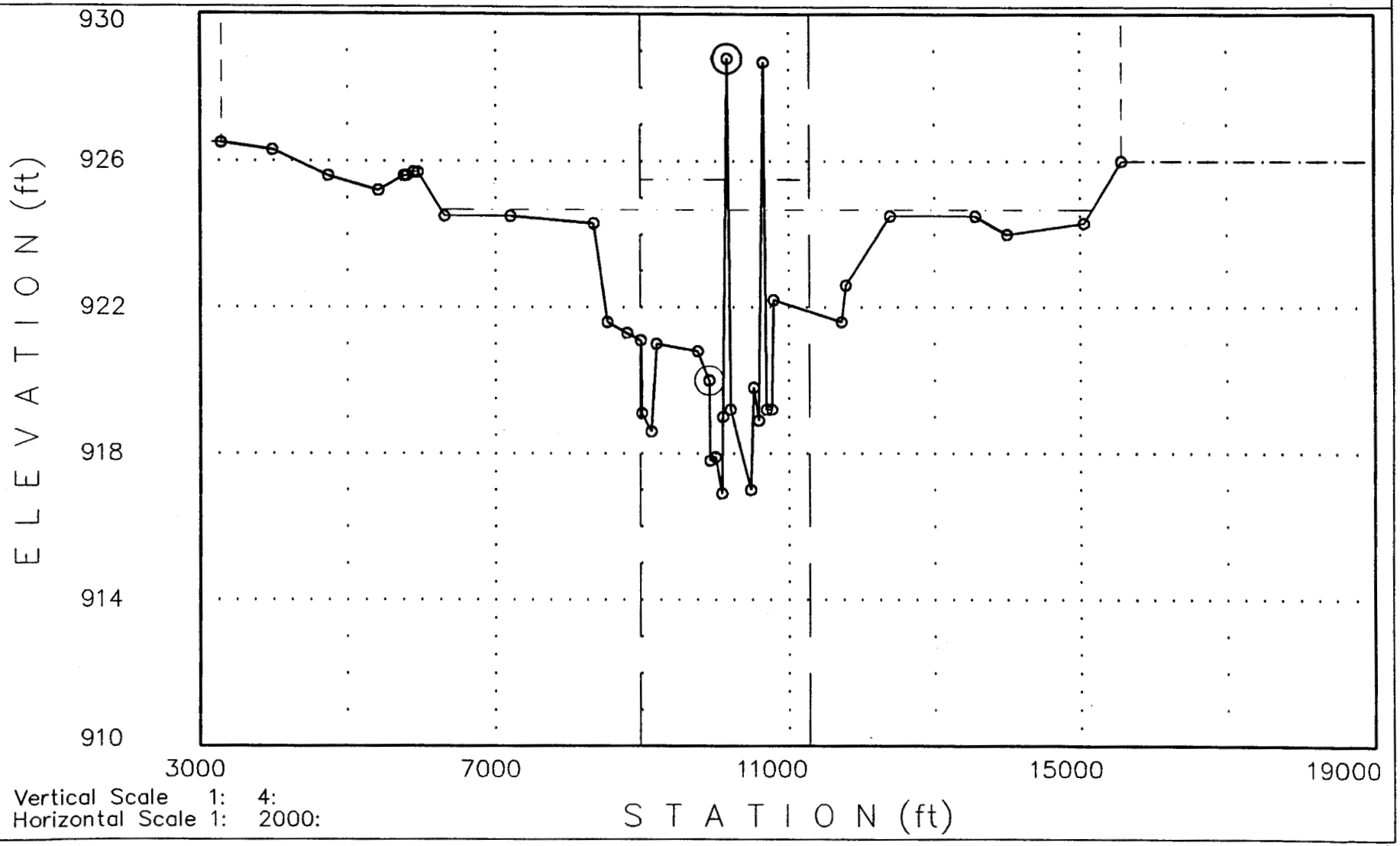
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .73: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 924.67
Q2= 50900cfs WS2= 925.5

Manning-n Values: LOB: .045 - .05 CH: .035 ROB: .061 - .066



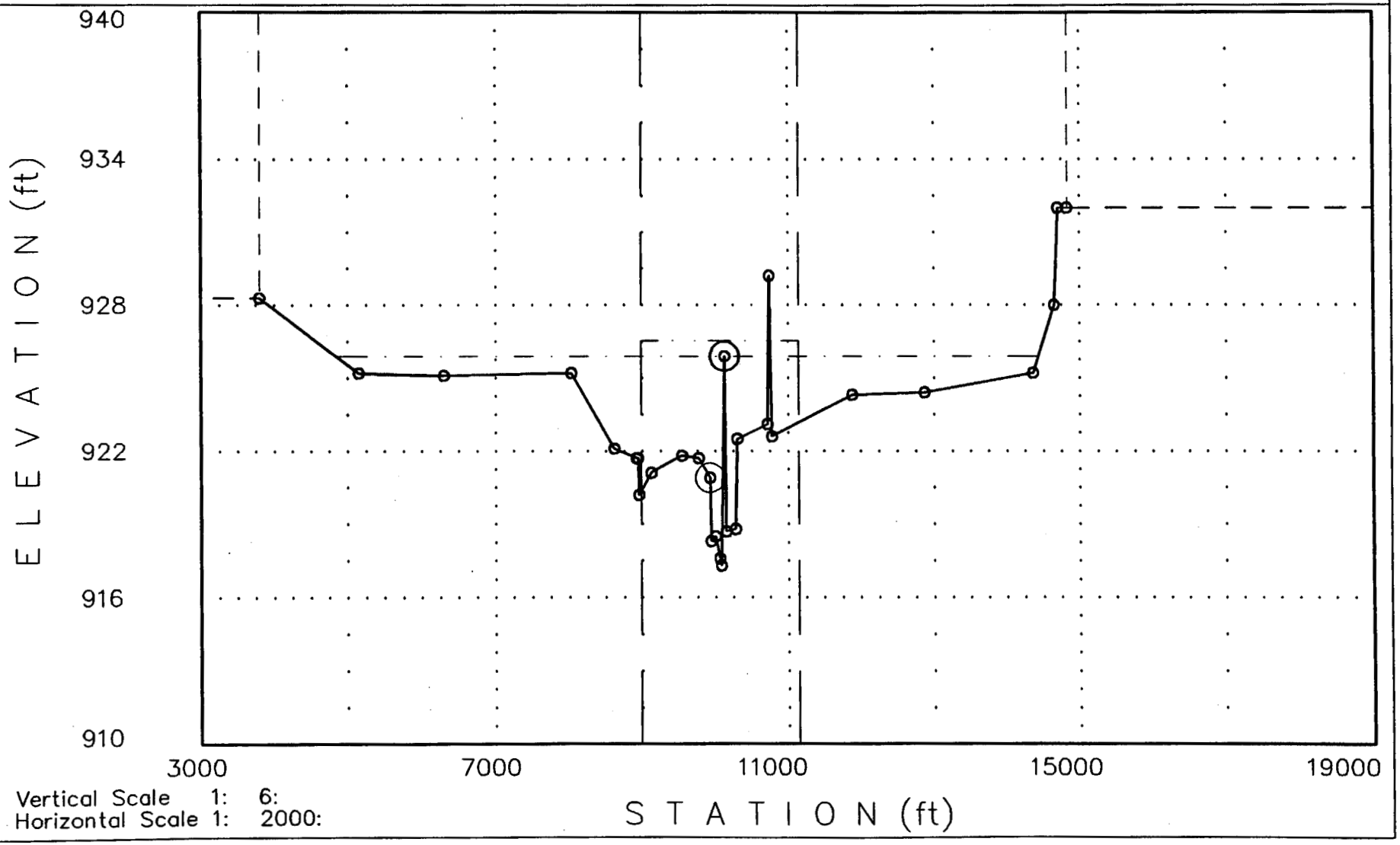
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .83: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 925.91
Q2= 50900cfs WS2= 926.55

Manning-n Values: LOB: .045 - .056 CH: .035 ROB: .058 - .07



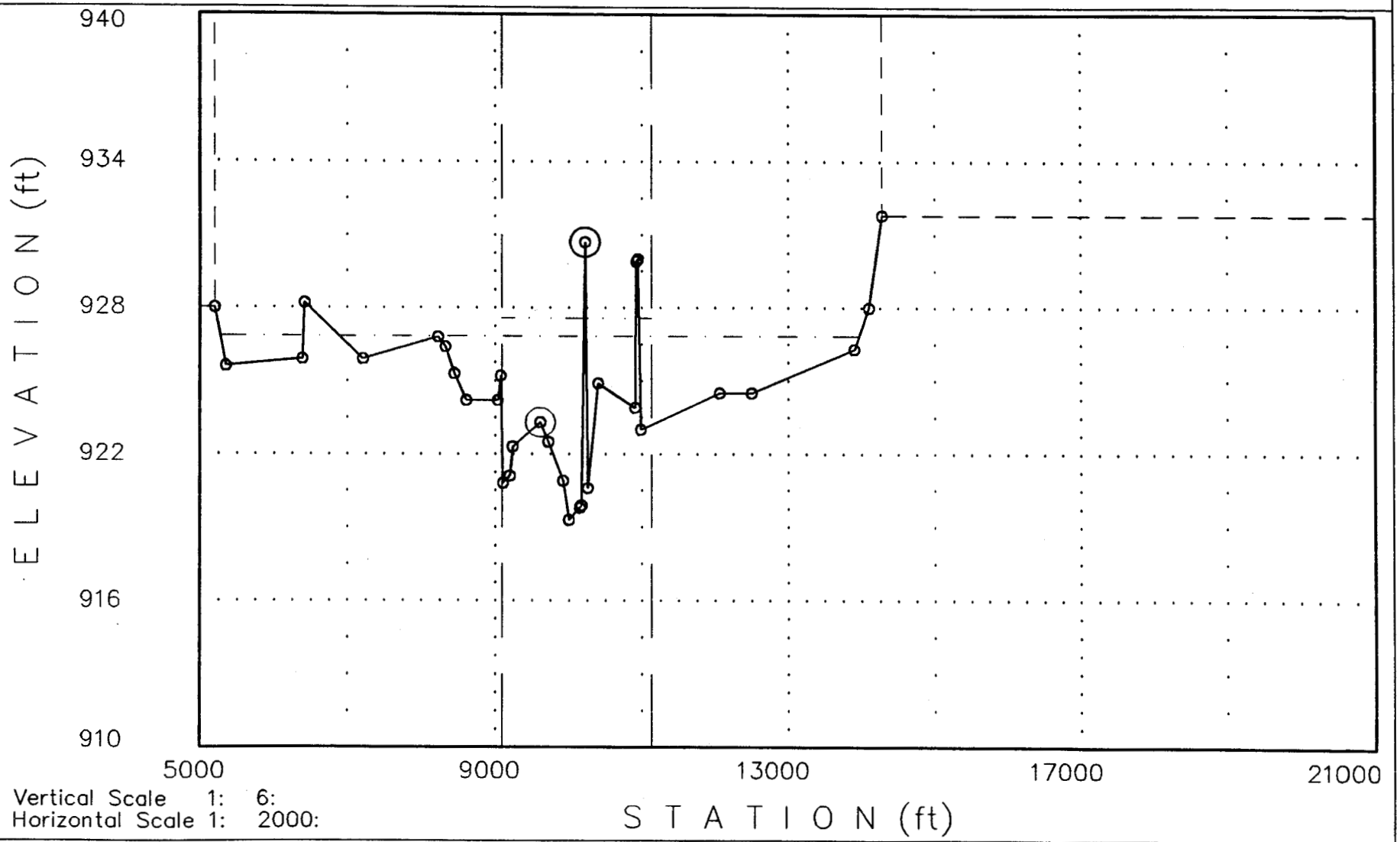
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: .92: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 926.85
Q2= 50900cfs WS2= 927.58

Manning-n Values: LOB: .045 - .049 CH: .035 ROB: .057 - .08



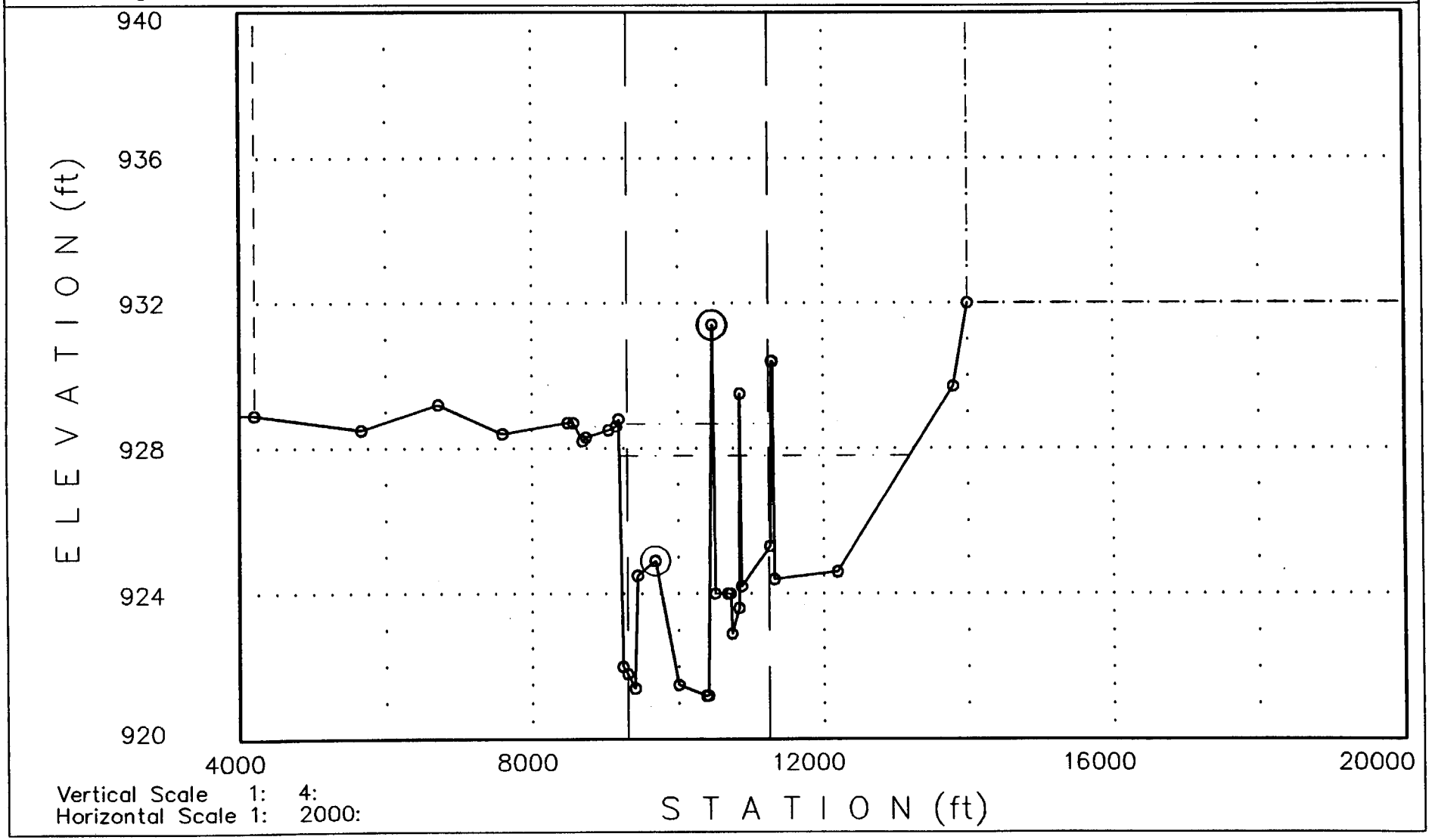
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: 1.01: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 927.79
Q2= 50900cfs WS2= 928.67

Manning-n Values: LOB: .045 CH: .035 ROB: .05 - .071



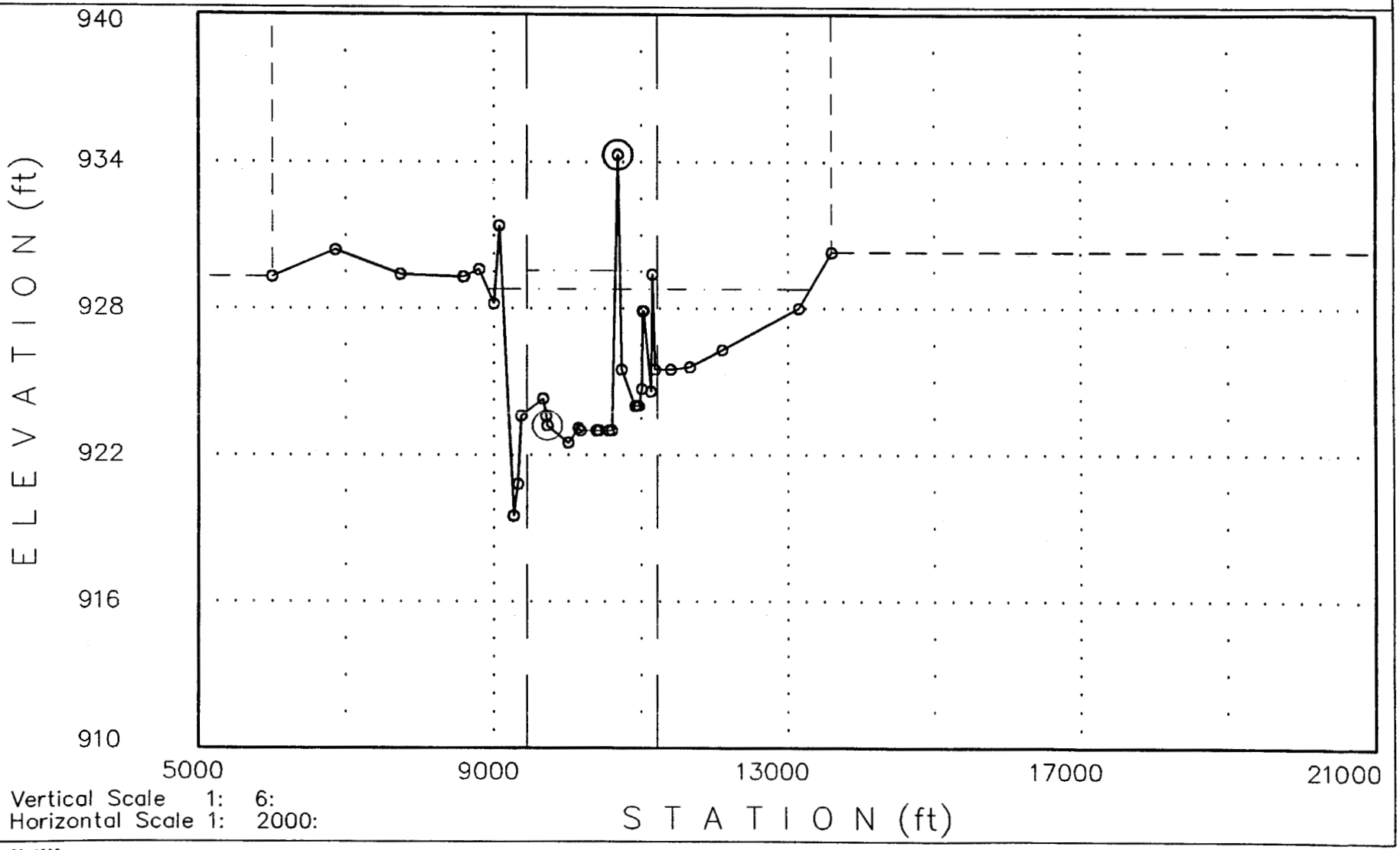
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: 1.1: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 928.81
Q2= 50900cfs WS2= 929.57

Manning-n Values: LOB: .045 CH: .035 ROB: .053 - .077



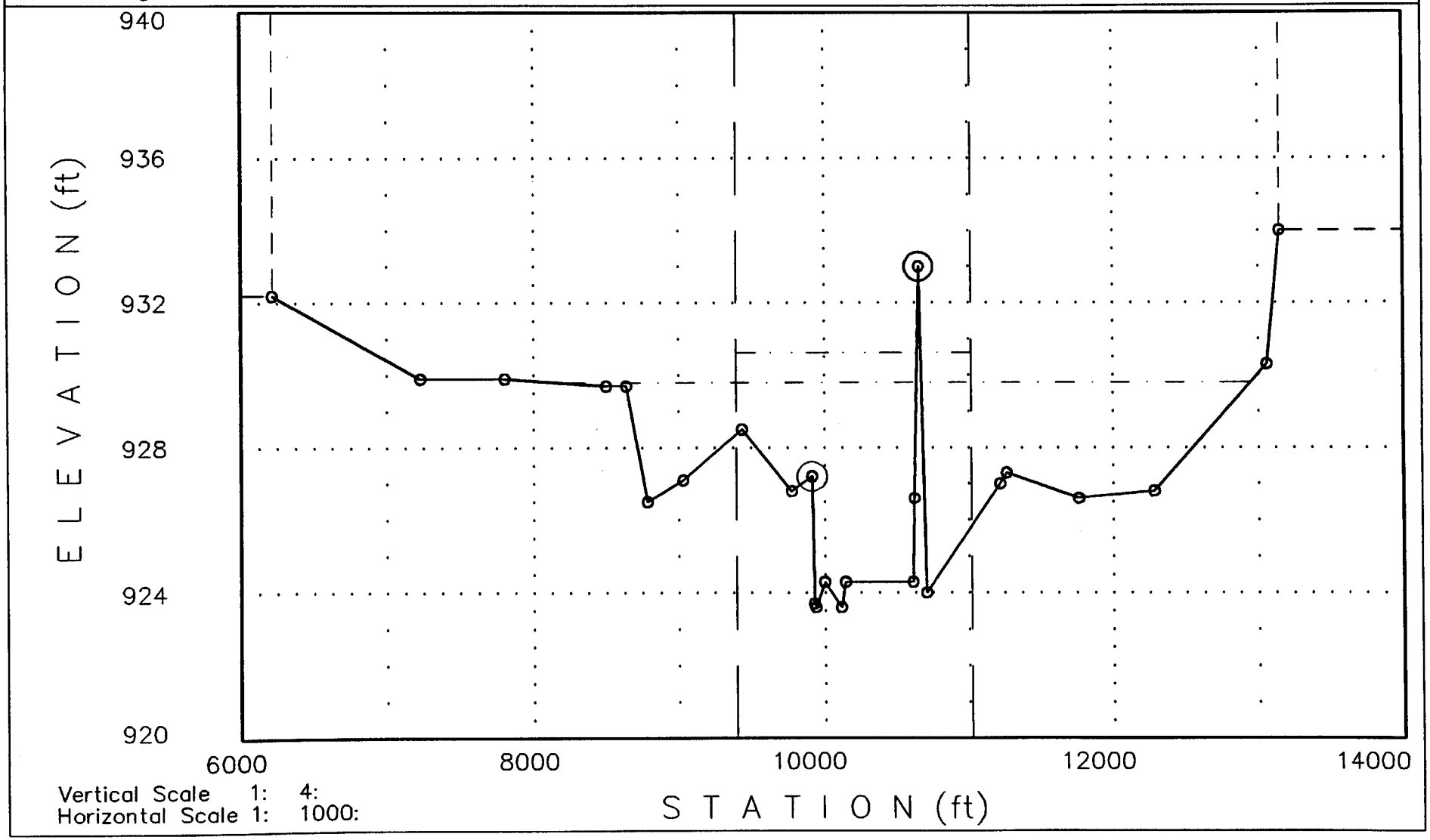
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

10-20-1996

<<<<<< Cross Section: 1.17: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 929.8
Q2= 50900cfs WS2= 930.62

Manning-n Values: LOB: .045 CH: .035 ROB: .05 - .07



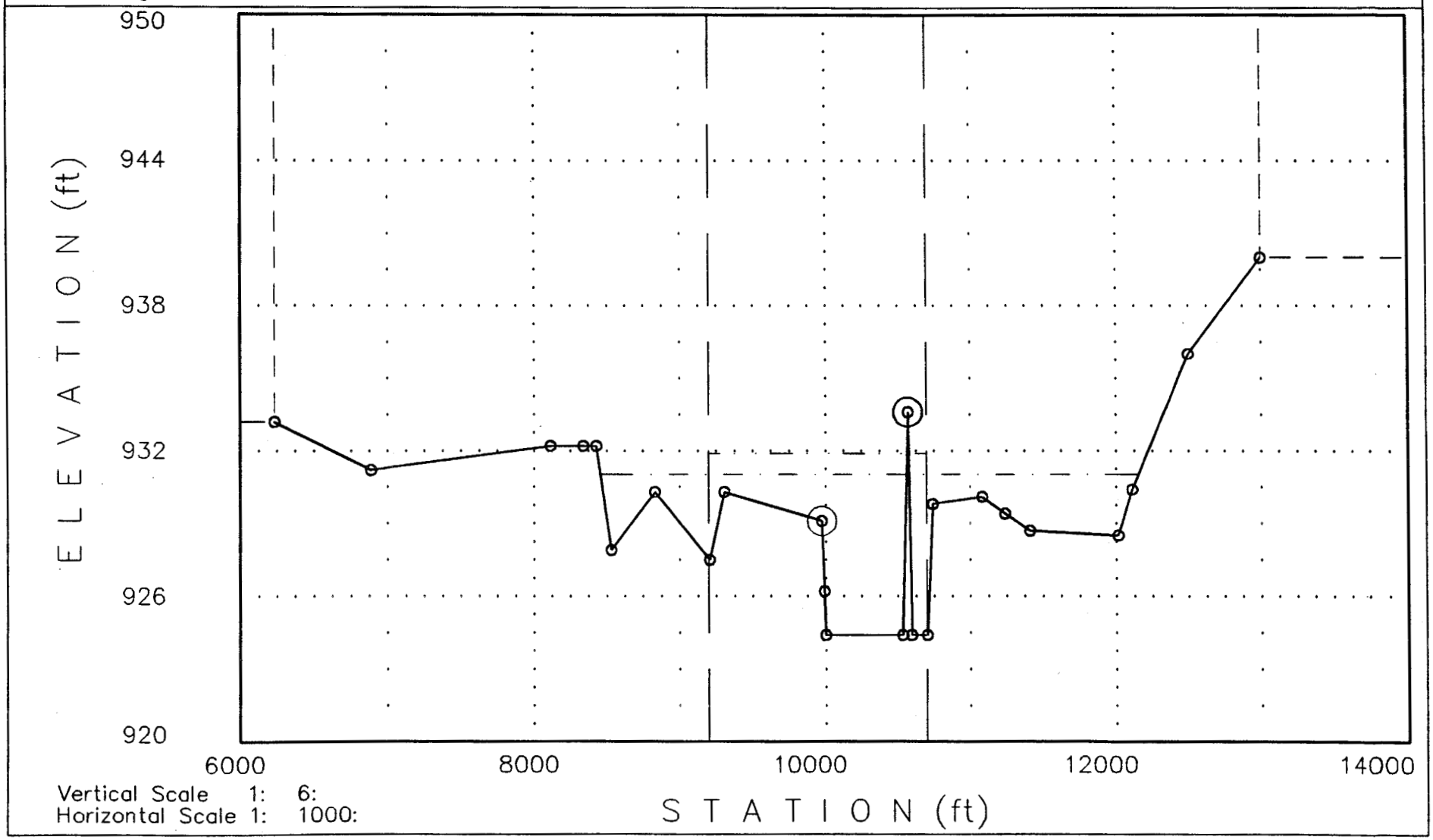
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.25: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 931.02
Q2= 50900cfs WS2= 931.89

Manning-n Values: LOB: .045 CH: .035 ROB: .05 - .066



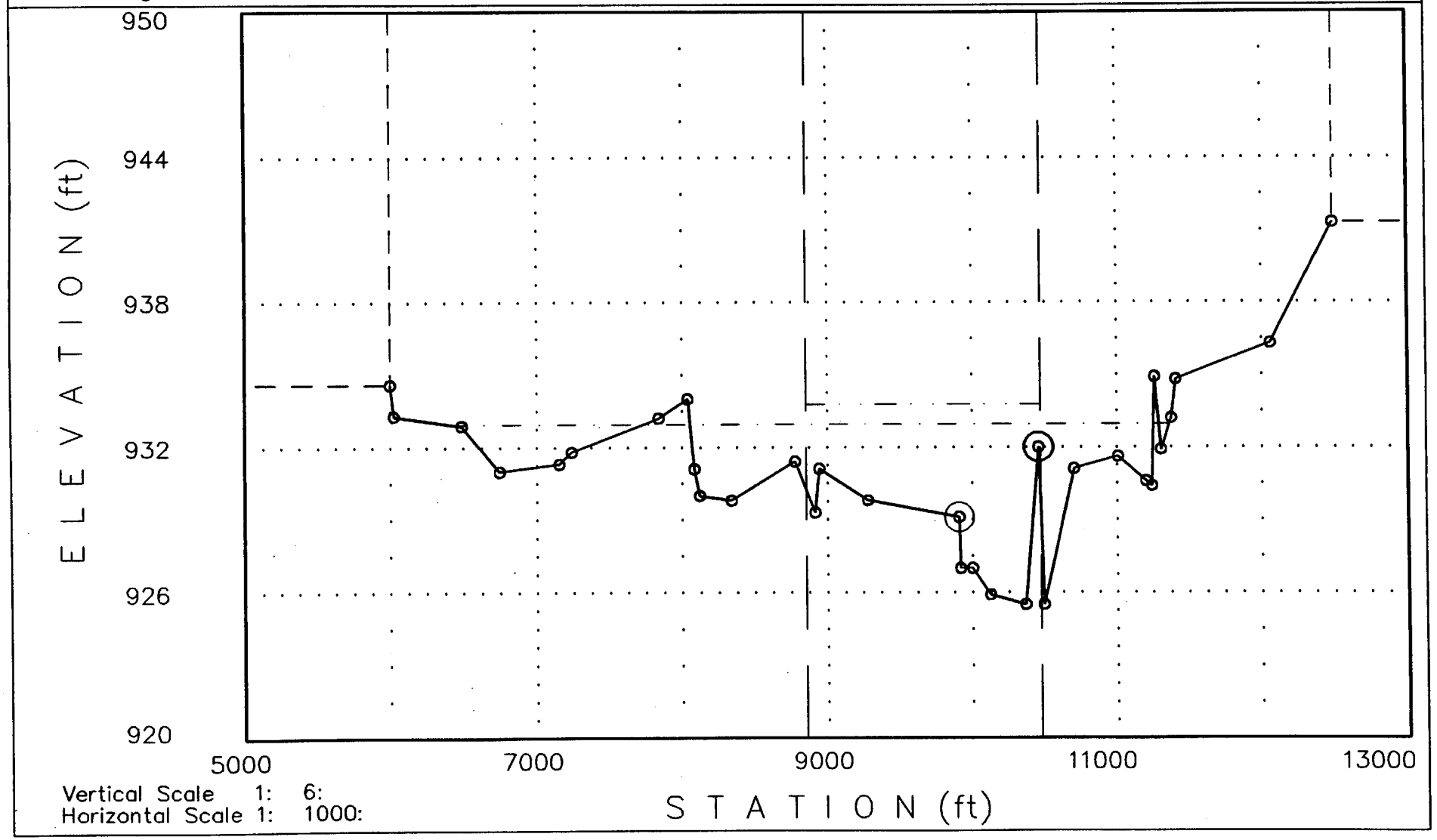
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.33: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 932.95
Q2= 50900cfs WS2= 933.78

Manning-n Values: LOB: .045 - .049 CH: .035 ROB: .05 - .051



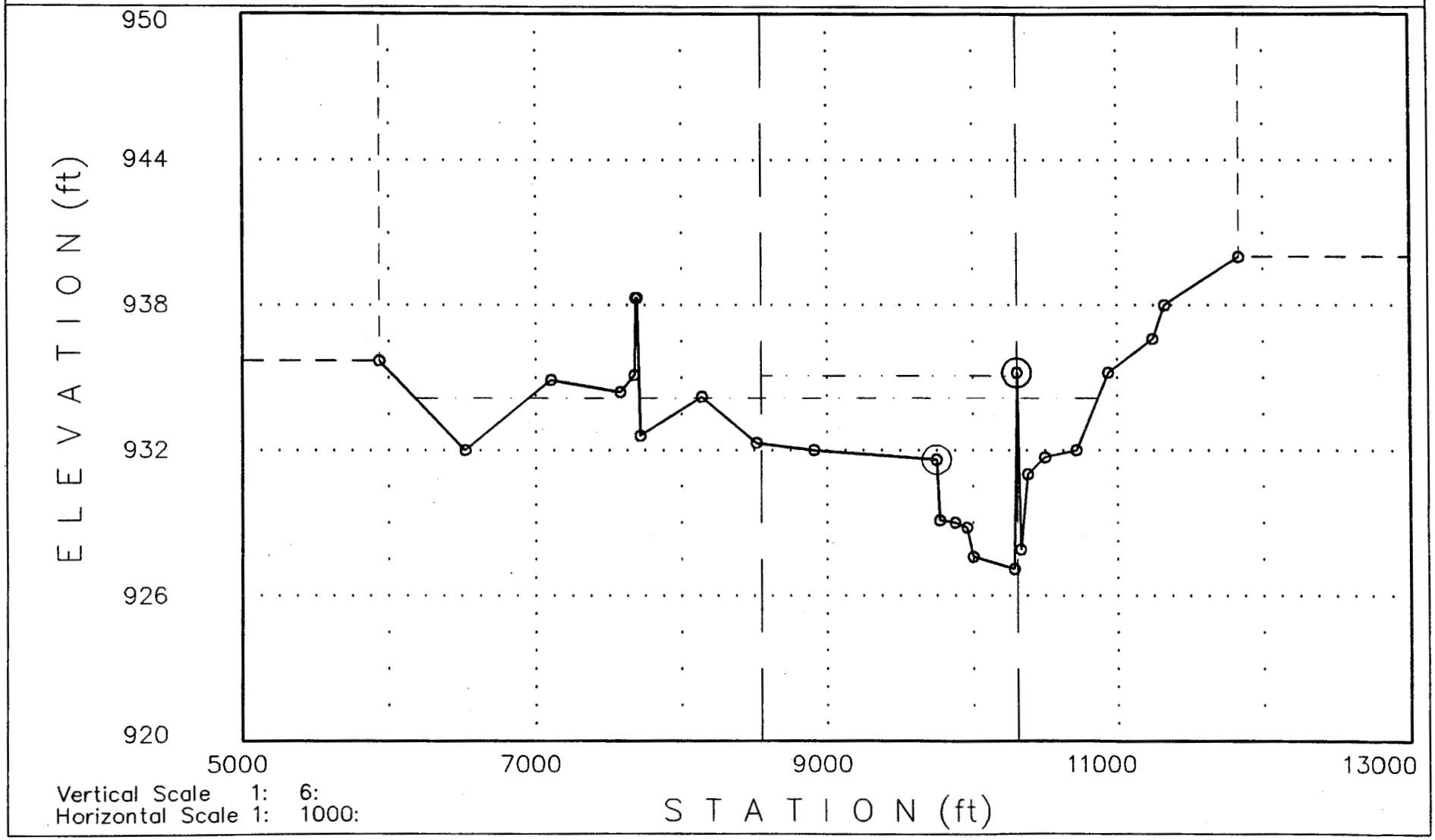
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.4: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 934.16
Q2= 50900cfs WS2= 935.08

Manning-n Values: LOB: .045 CH: .035 ROB: .05



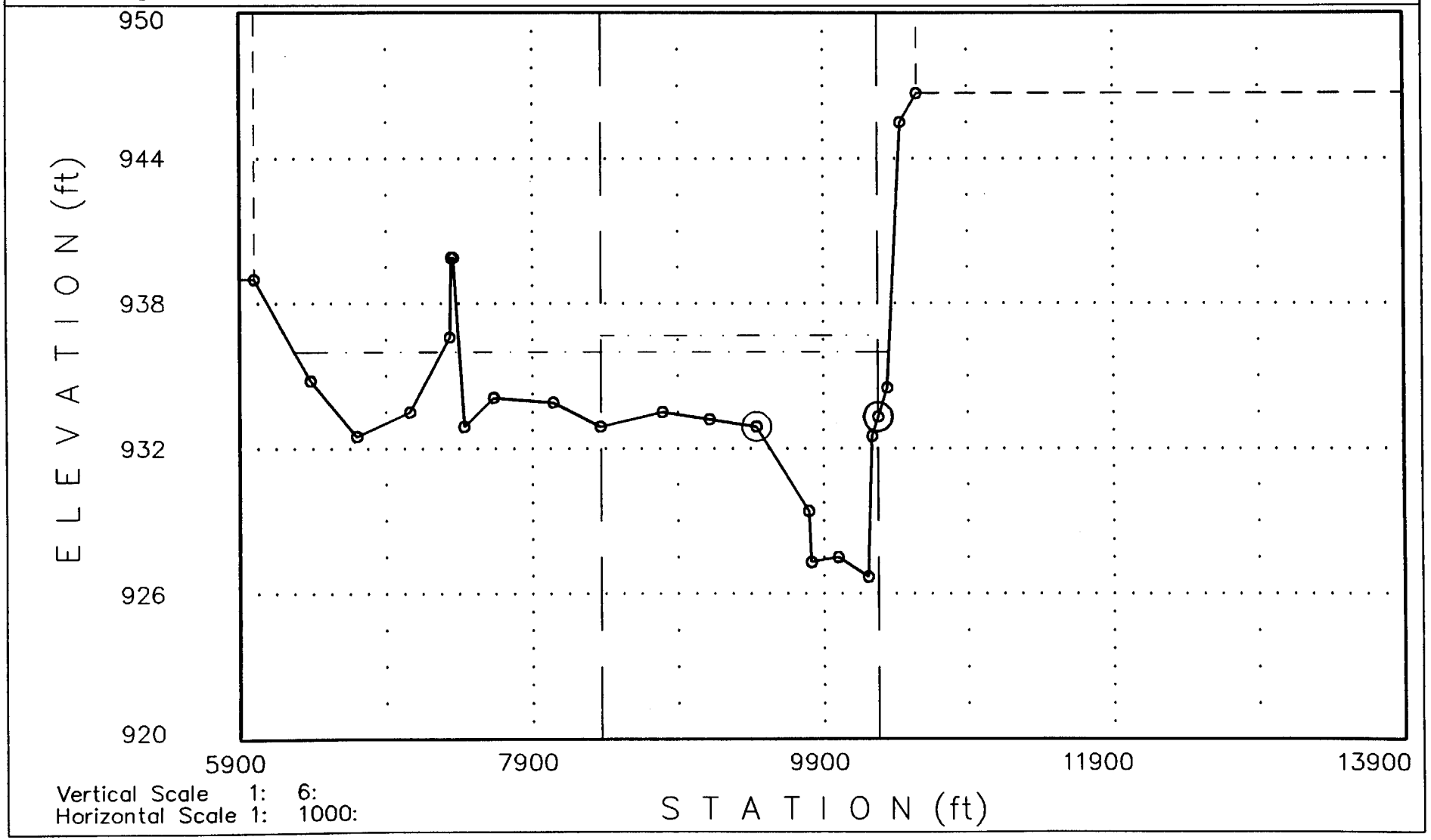
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.48: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 935.99
Q2= 50900cfs WS2= 936.68

Manning-n Values: LOB: .045 CH: .035 ROB: .05



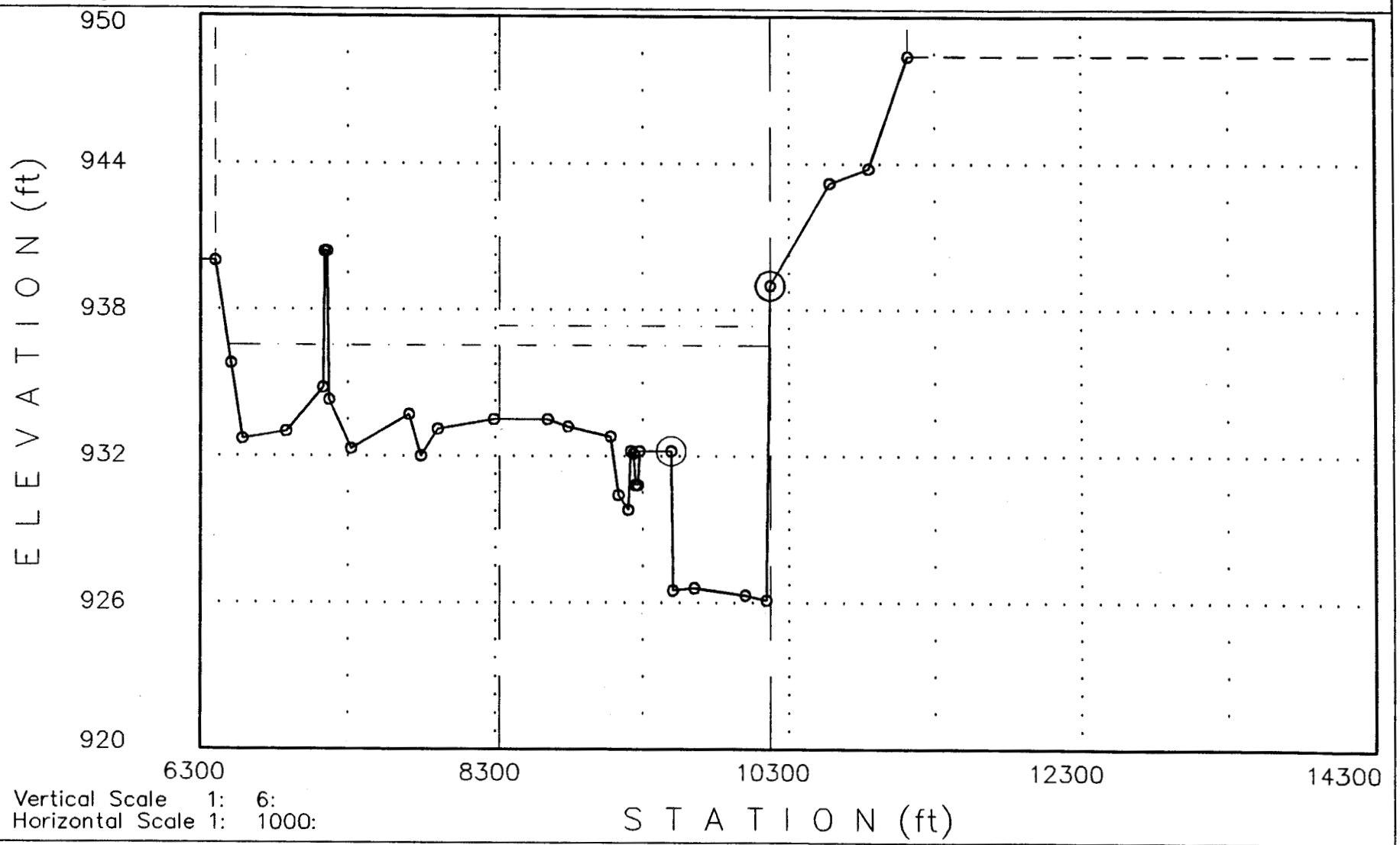
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.56: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 936.55
Q2= 50900cfs WS2= 937.34

Manning-n Values: LOB: .045 CH: .035 ROB: 0



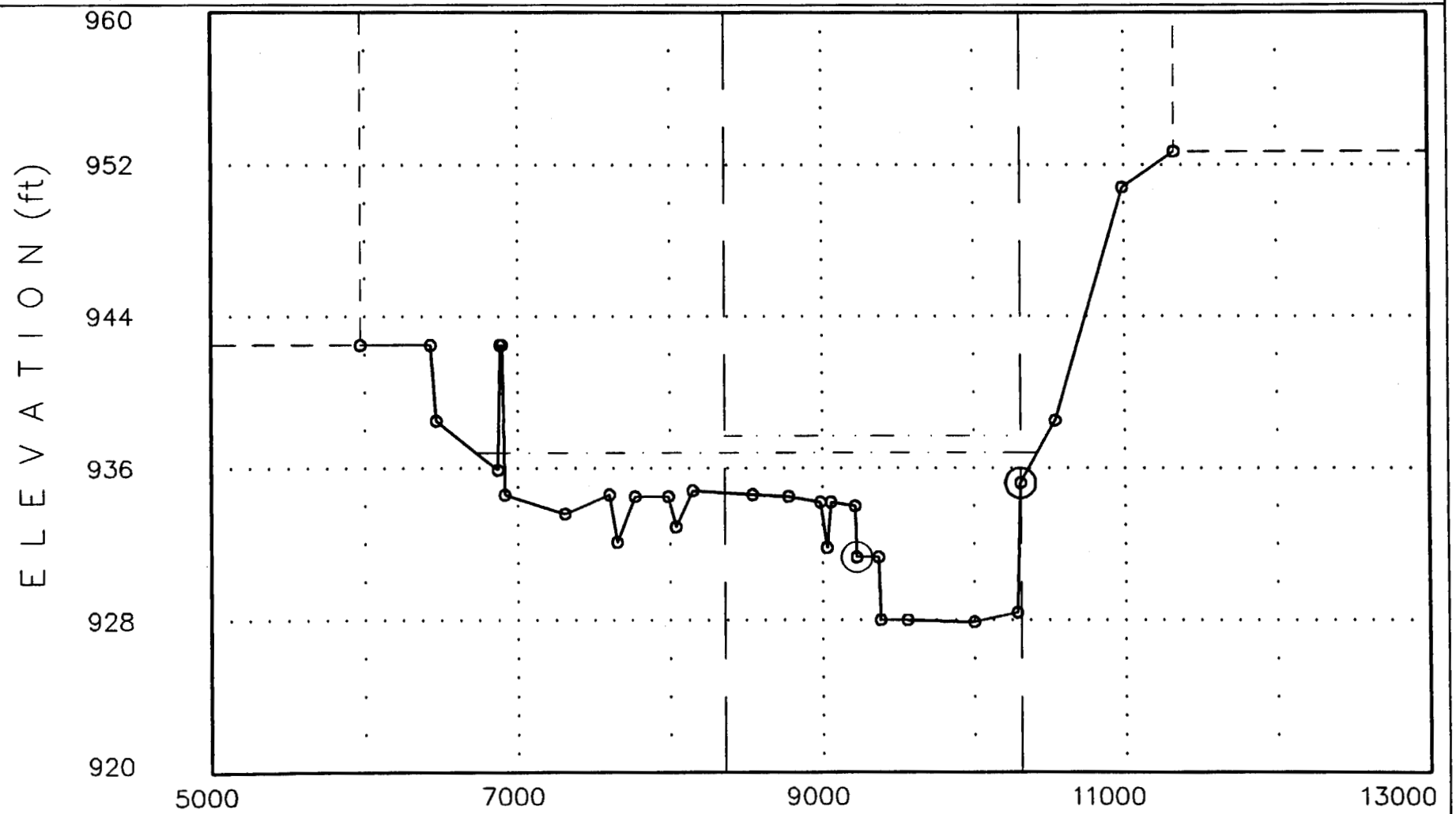
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.64: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 936.82
Q2= 50900cfs WS2= 937.69

Manning-n Values: LOB: .045 CH: .035 ROB: .05



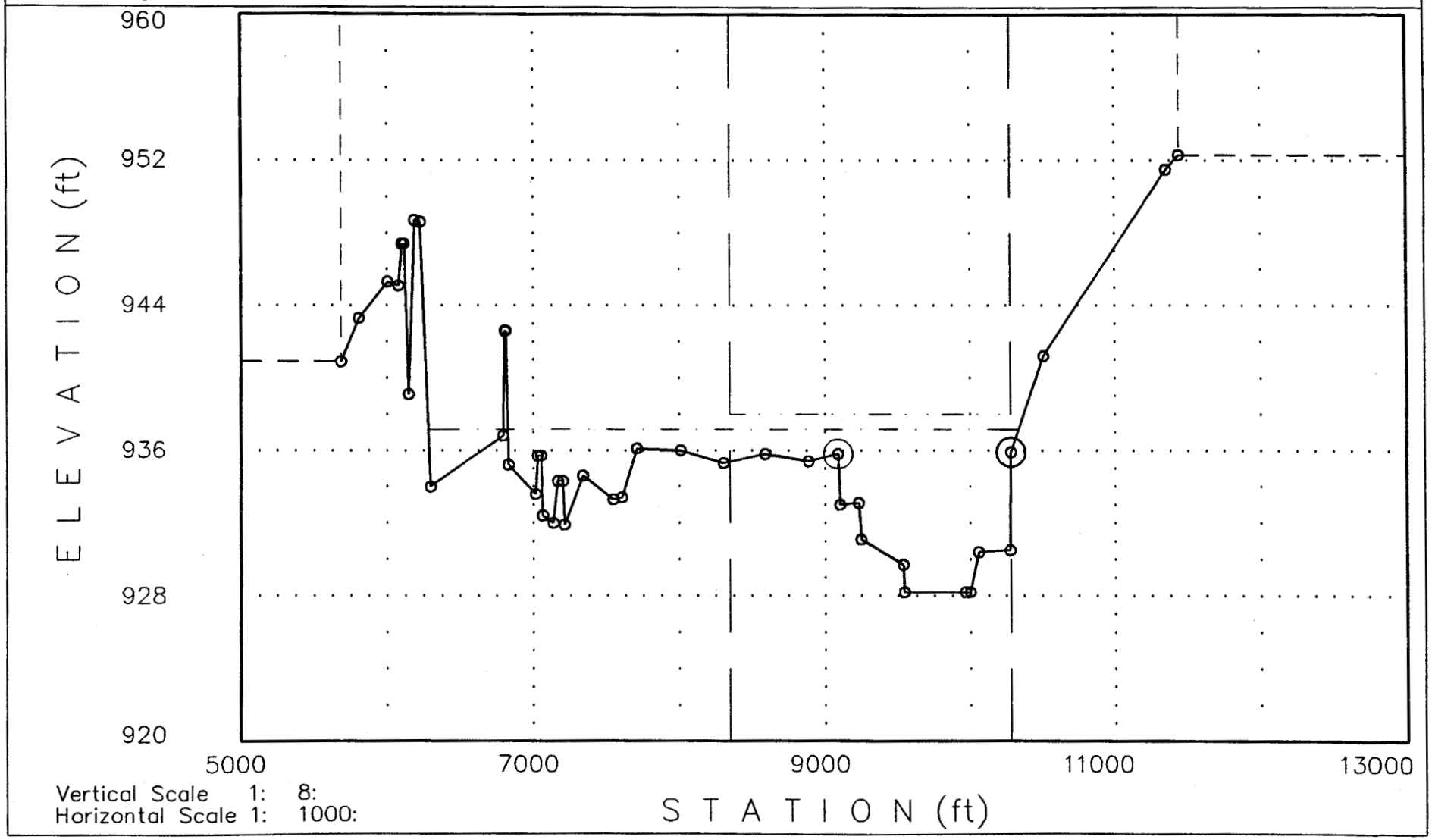
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.71: (FN = TEST1020.0) >>>>>>

Q1= 50900cfs WS1= 937.17
Q2= 50900cfs WS2= 937.99

Manning-n Values: LOB: .045 CH: .035 ROB: .05



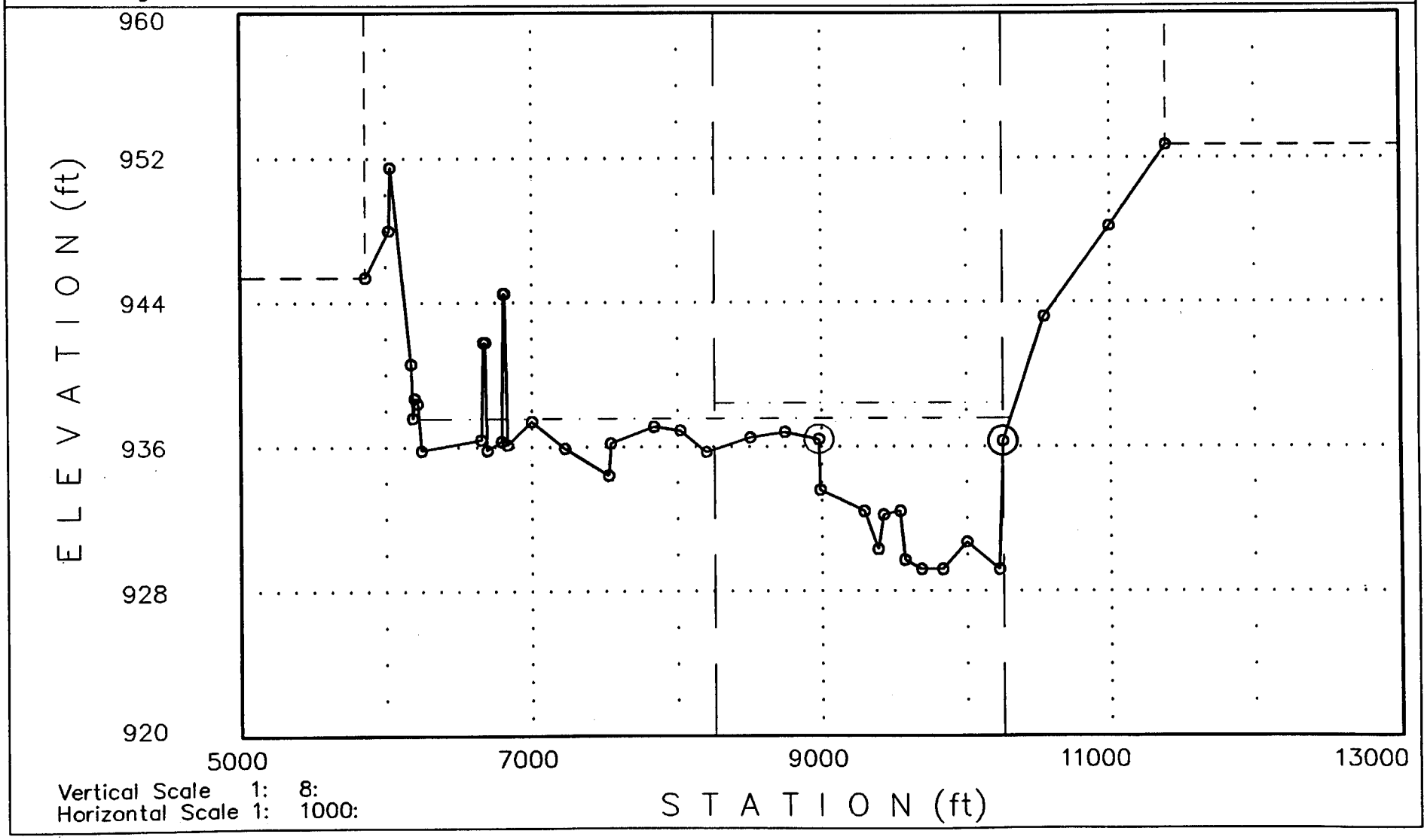
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

10-20-1996

<<<<<< Cross Section: 1.79: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 937.57
Q2= 50900cfs WS2= 938.42

Manning-n Values: LOB: .045 CH: .035 ROB: .05



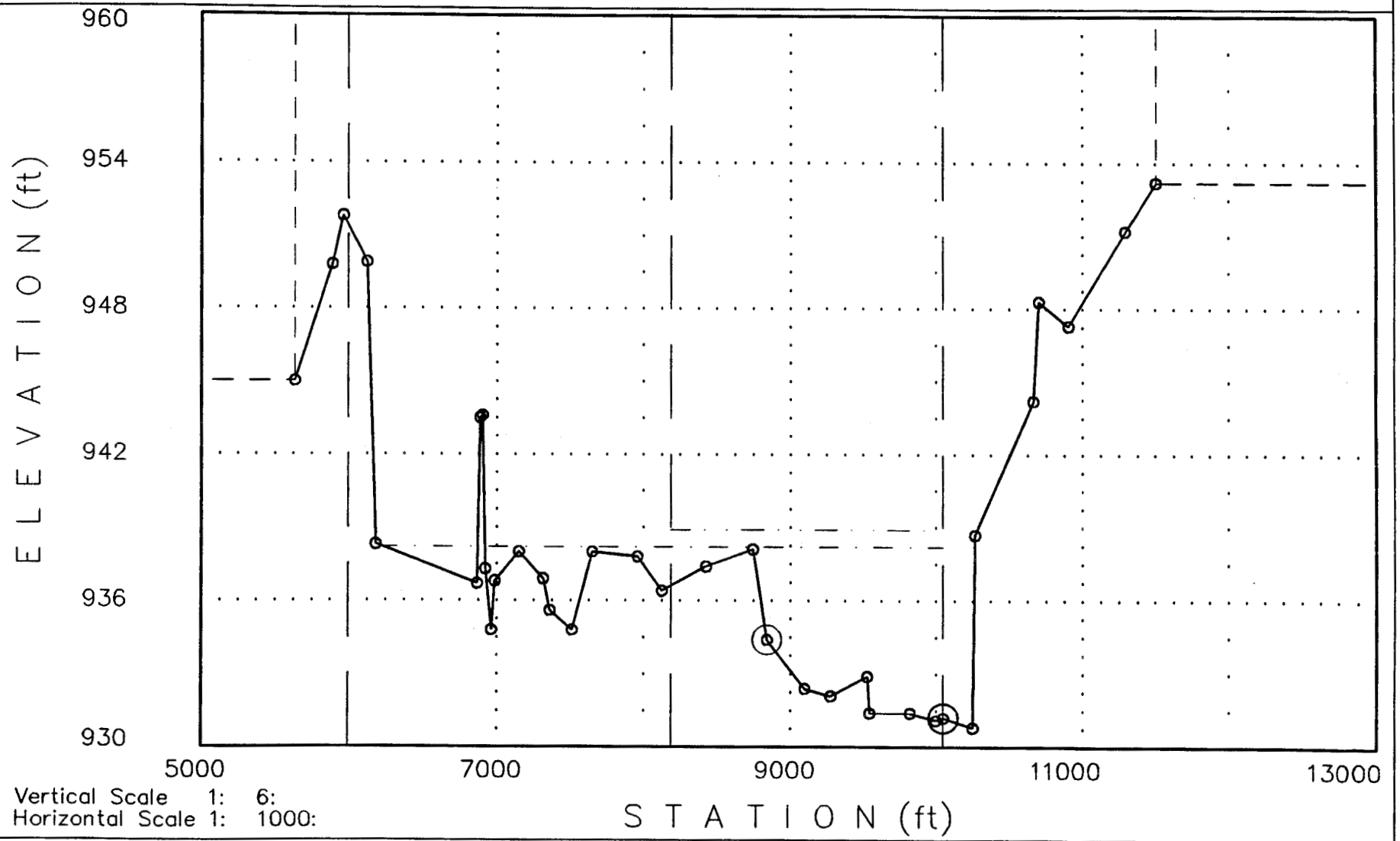
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 1.87: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 938.21
Q2= 50900cfs WS2= 938.9

Manning-n Values: LOB: .045 CH: .035 ROB: .05



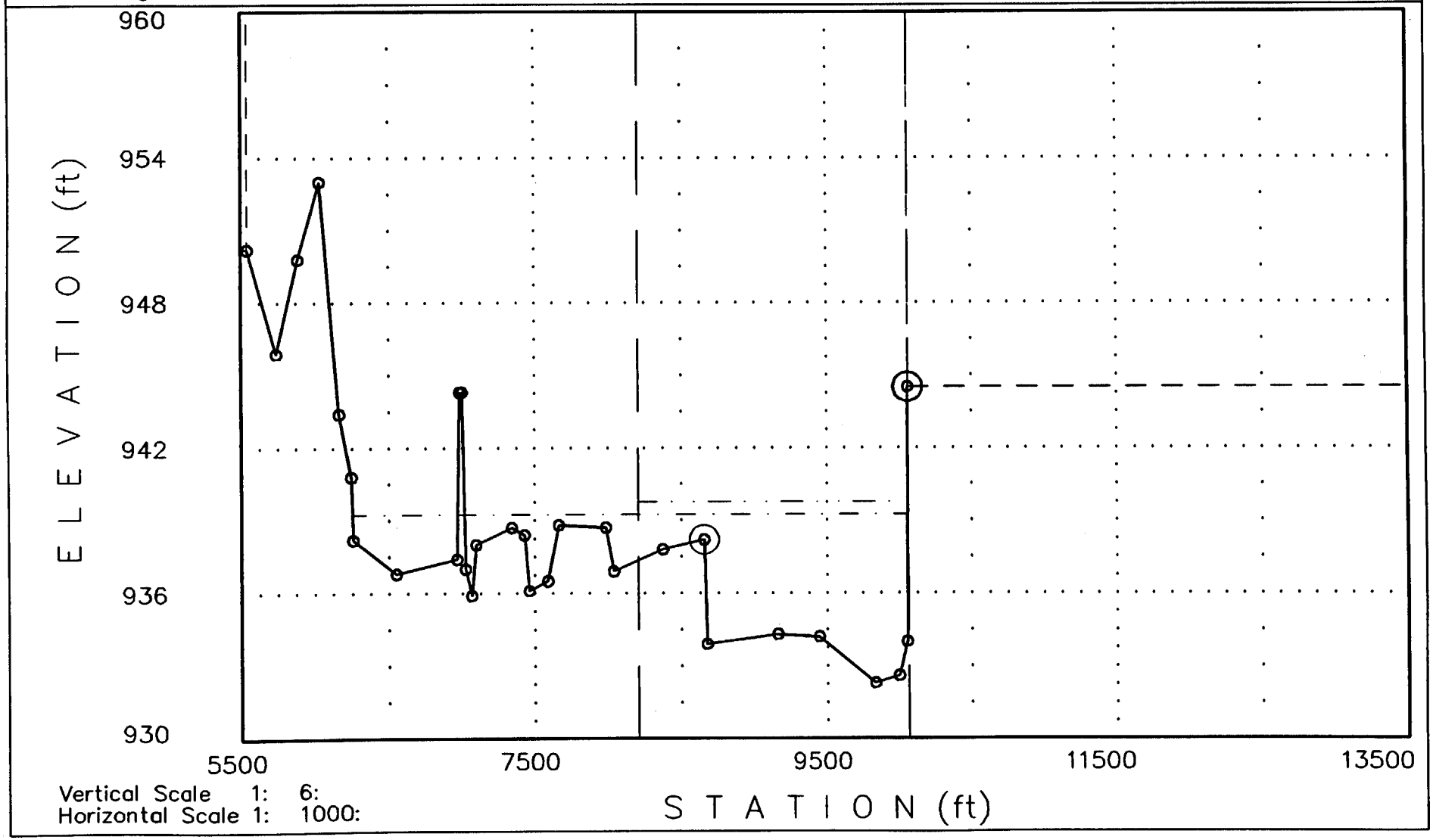
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 1.94: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 939.25
Q2= 50900cfs WS2= 939.76

Manning-n Values: LOB: .045 CH: .035 ROB: 0



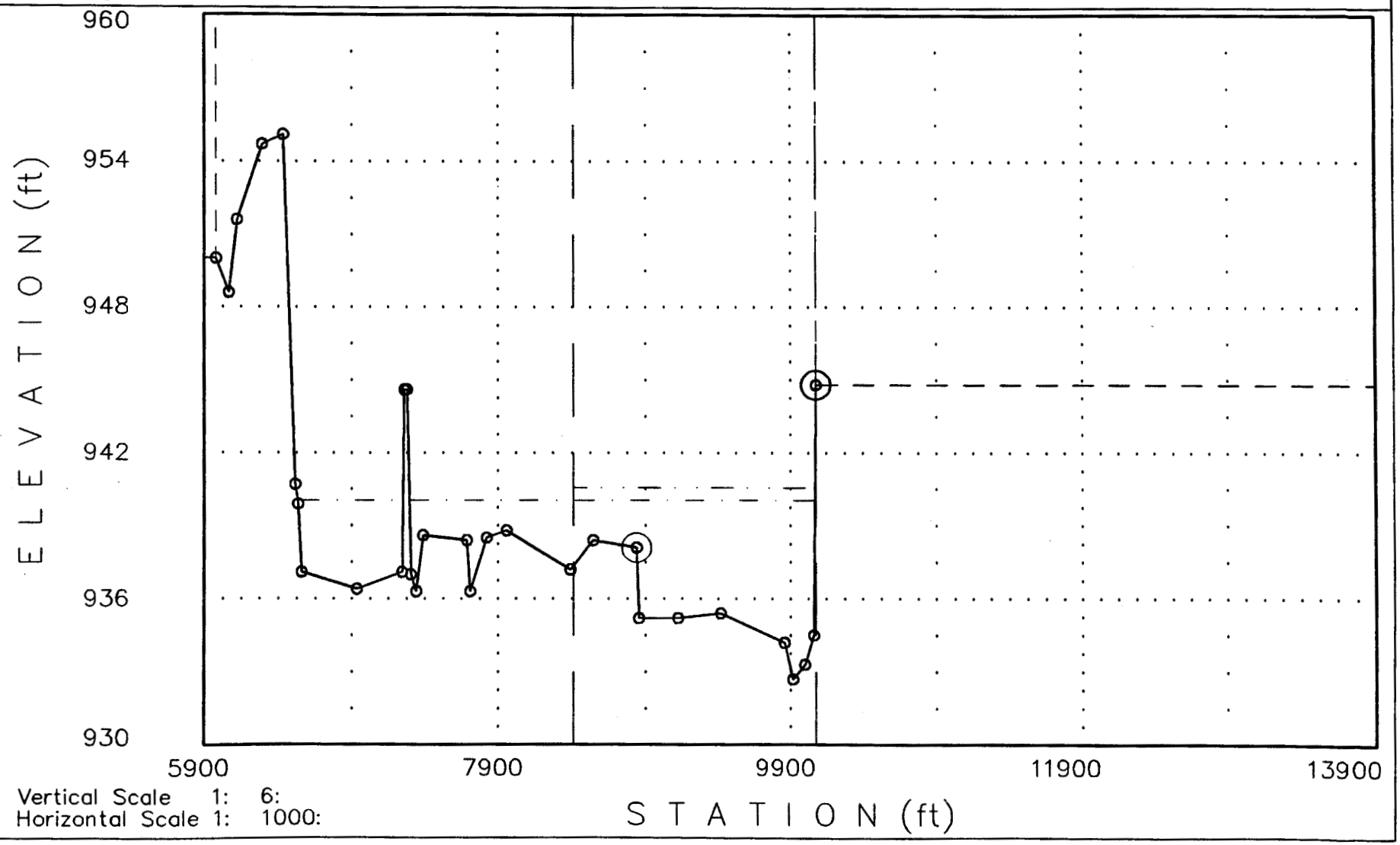
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 2.02: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 940.05
Q2= 50900cfs WS2= 940.57

Manning-n Values: LOB: .045 CH: .035 ROB: 0



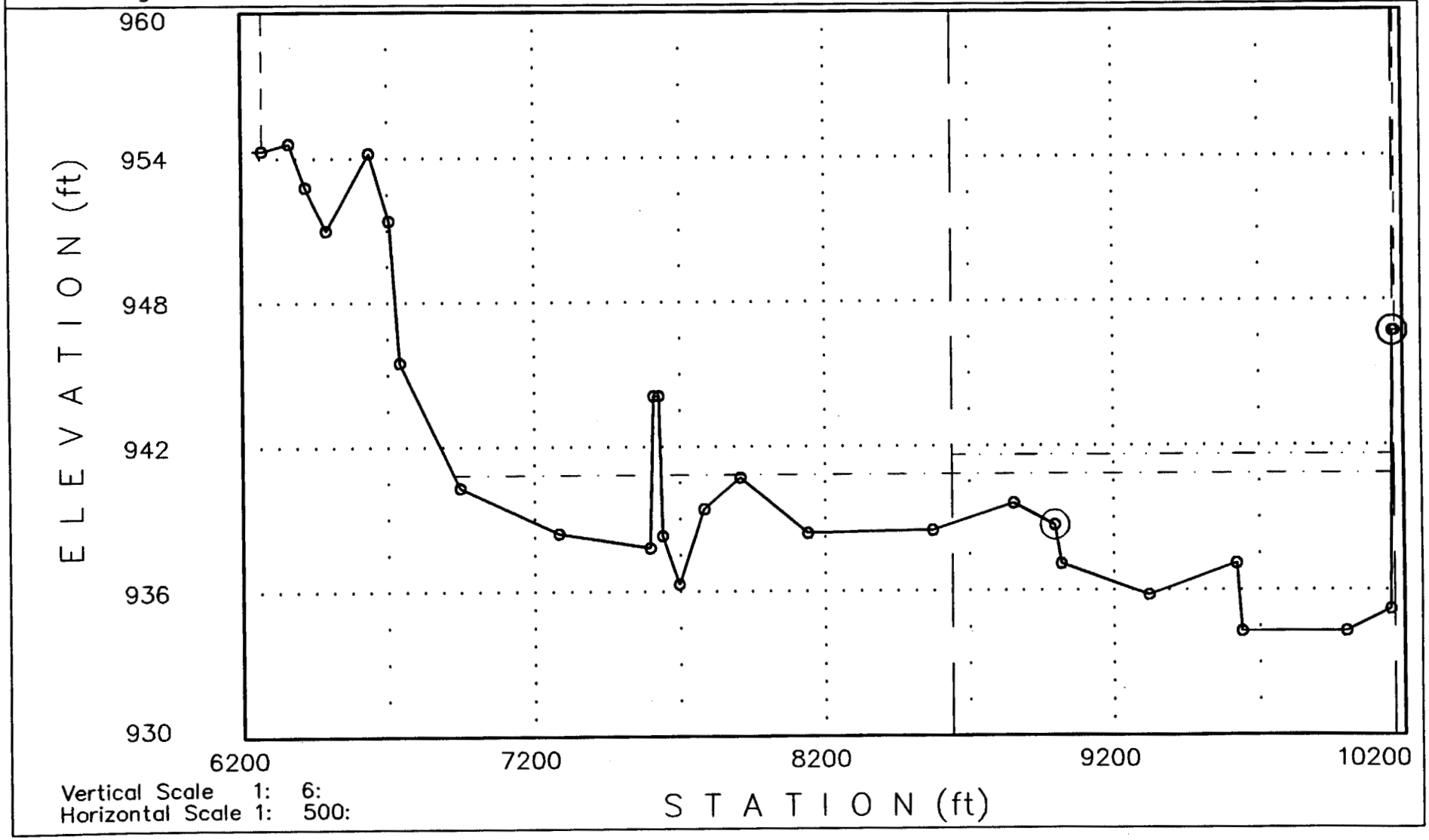
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 2.1: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 940.84
Q2= 50900cfs WS2= 941.6

Manning-n Values: LOB: .045 CH: .035 ROB: 0



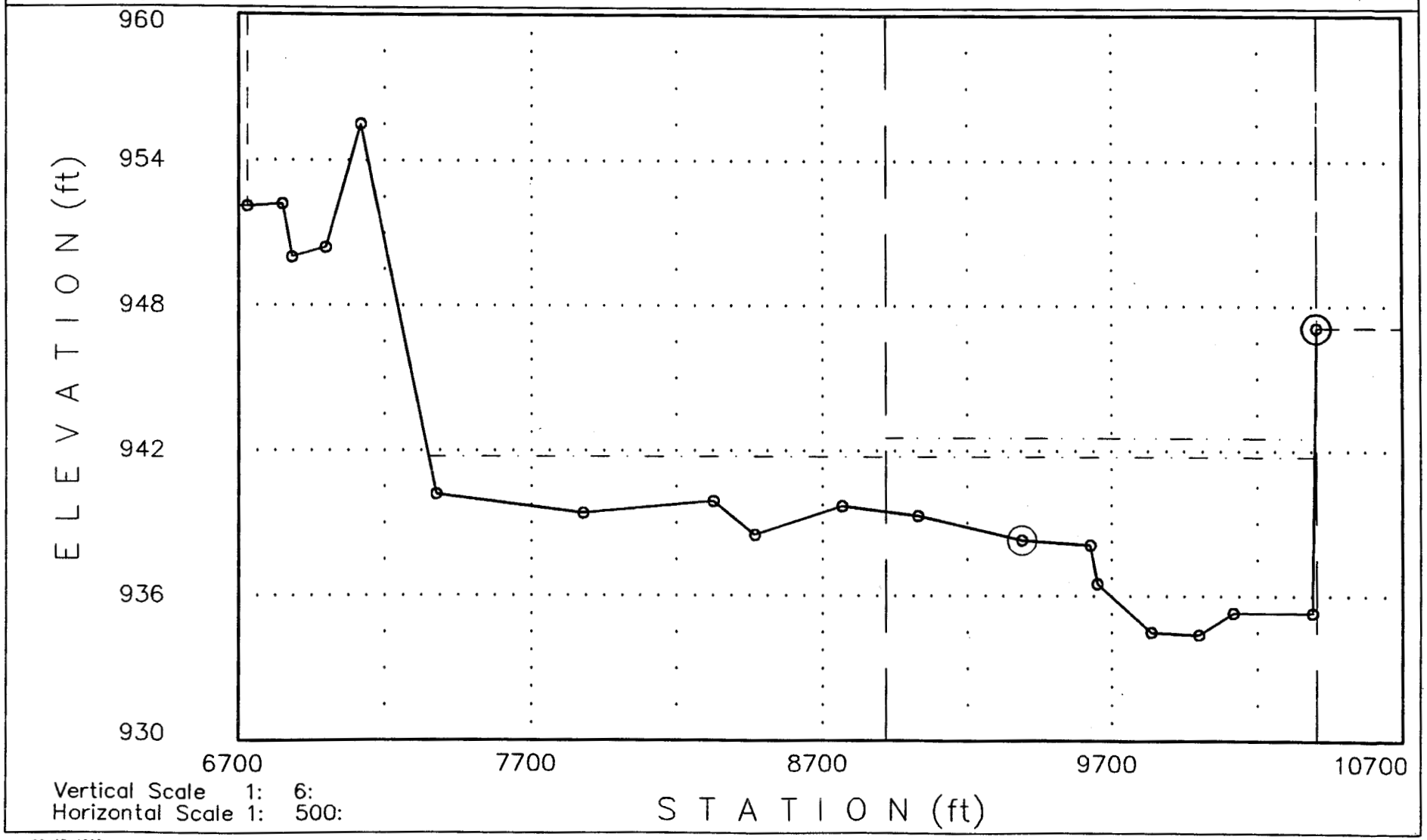
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.18: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 941.75
Q2= 50900cfs WS2= 942.54

Manning-n Values: LOB: .045 CH: .035 ROB: 0



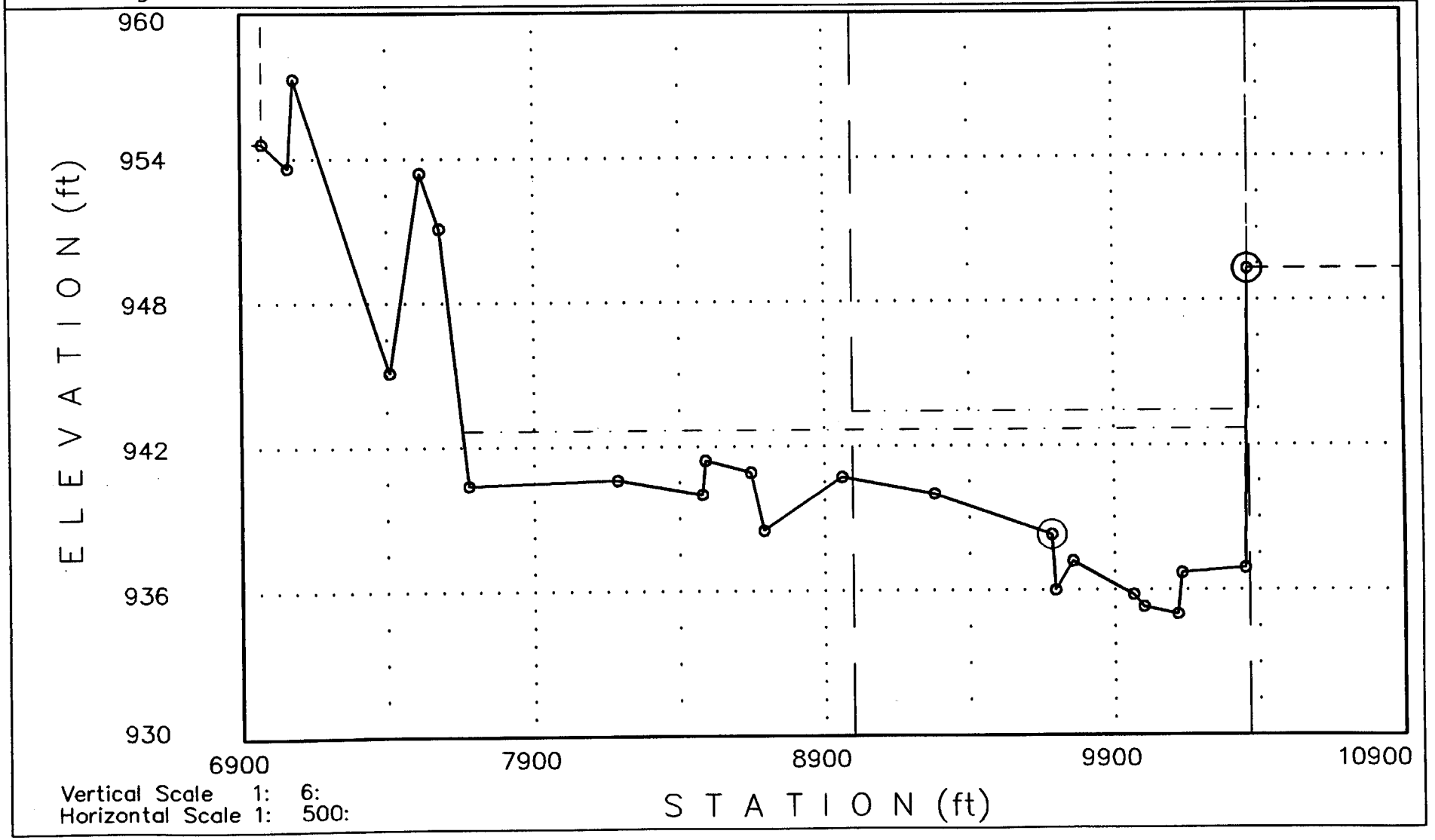
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.25: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 942.68
Q2= 50900cfs WS2= 943.43

Manning-n Values: LOB: .045 CH: .035 ROB: 0



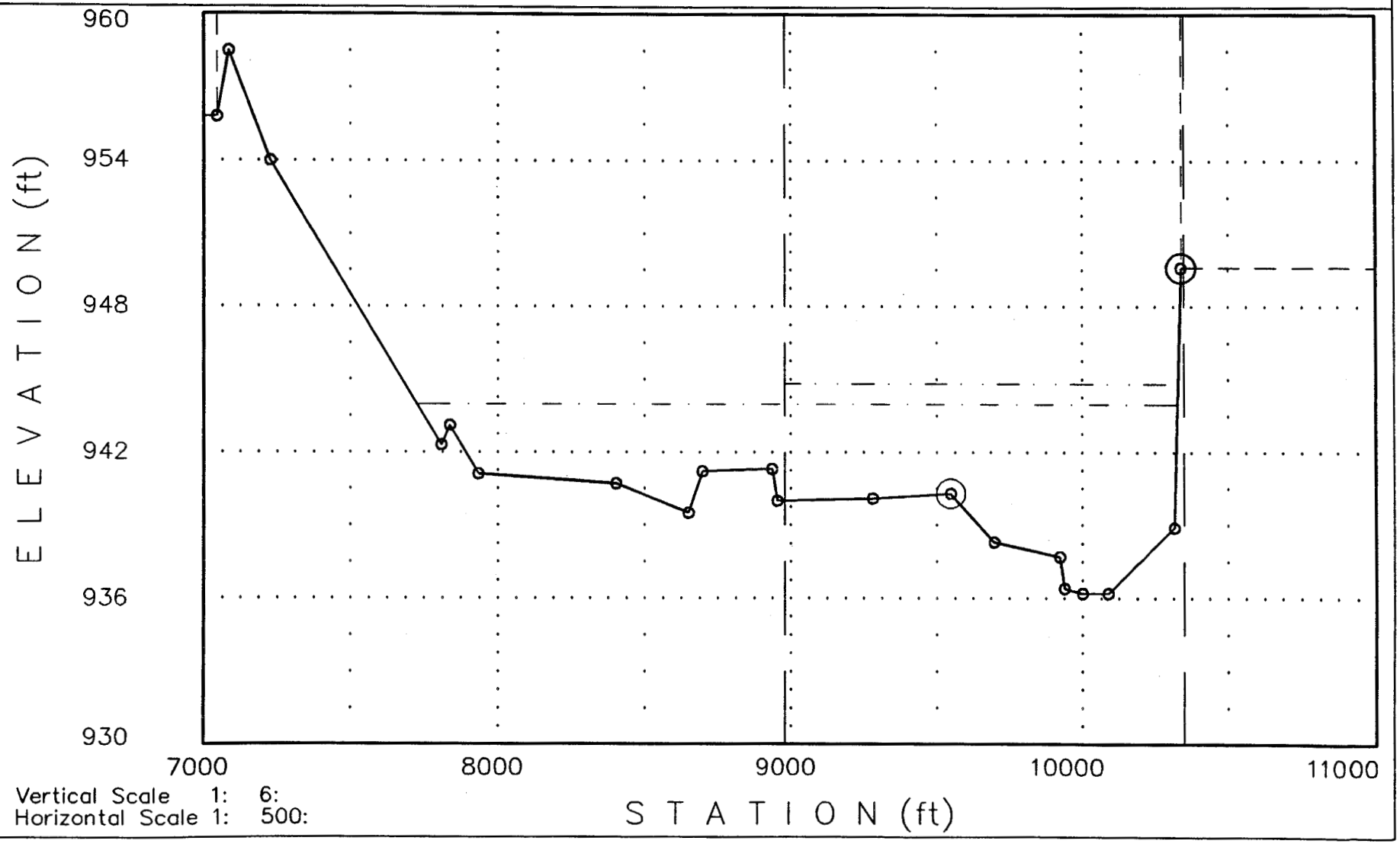
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.33: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 943.98
Q2= 50900cfs WS2= 944.81

Manning-n Values: LOB: .045 CH: .035 ROB: 0



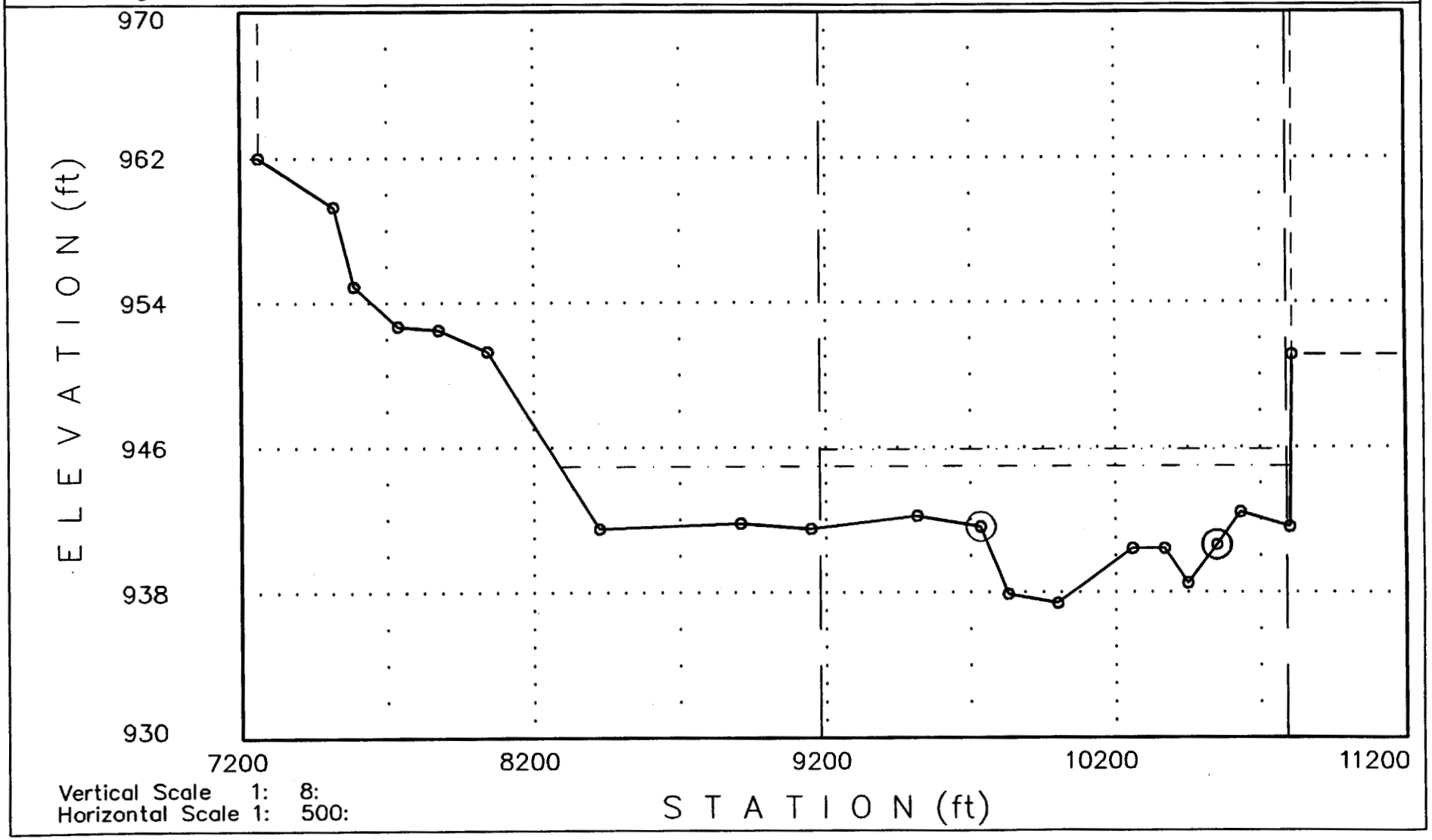
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.41: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 944.94
Q2= 50900cfs WS2= 945.88

Manning-n Values: LOB: .045 CH: .035 ROB: .05



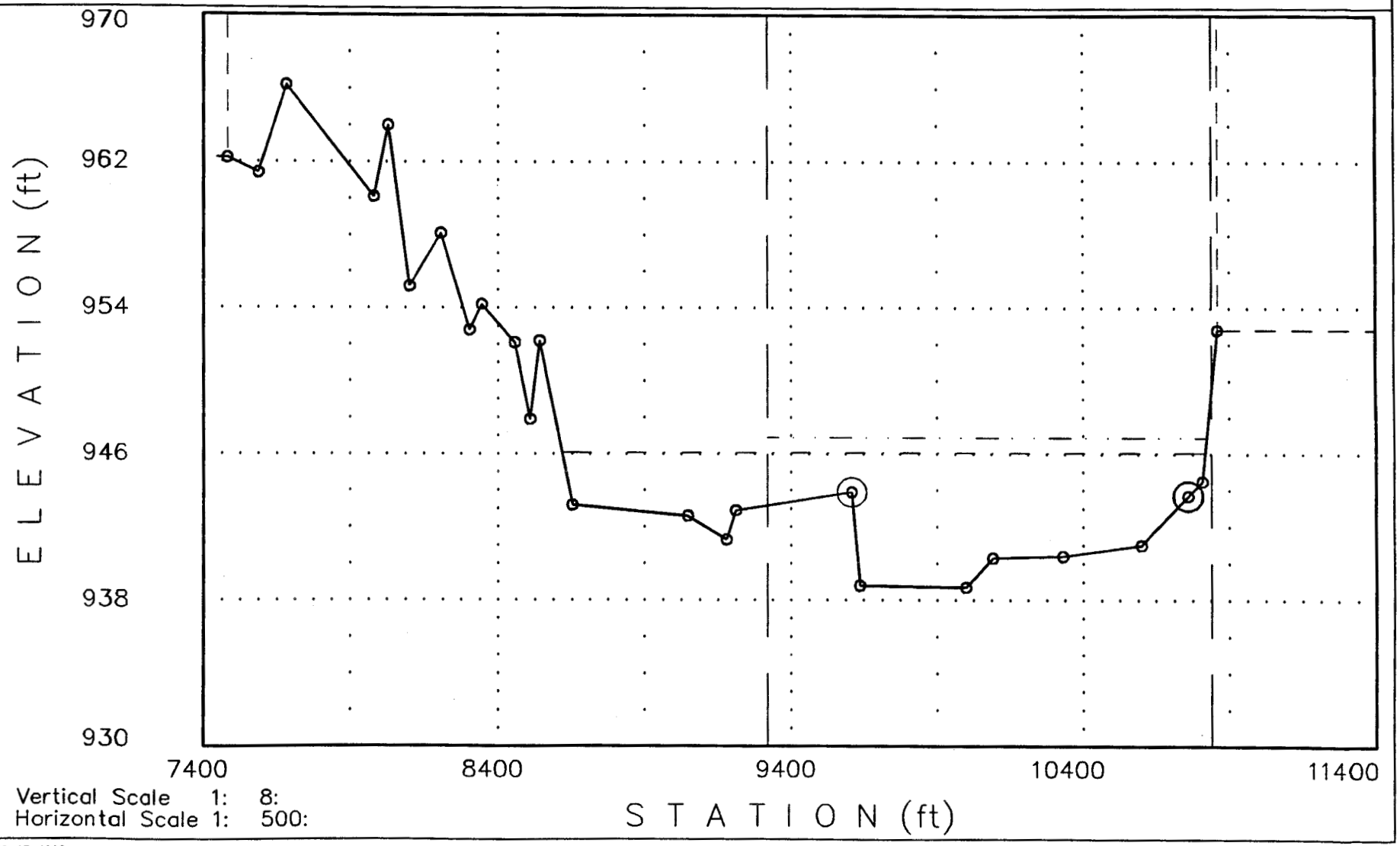
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.51: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 946.07
Q2= 50900cfs WS2= 946.89

Manning-n Values: LOB: .045 CH: .035 ROB: .05



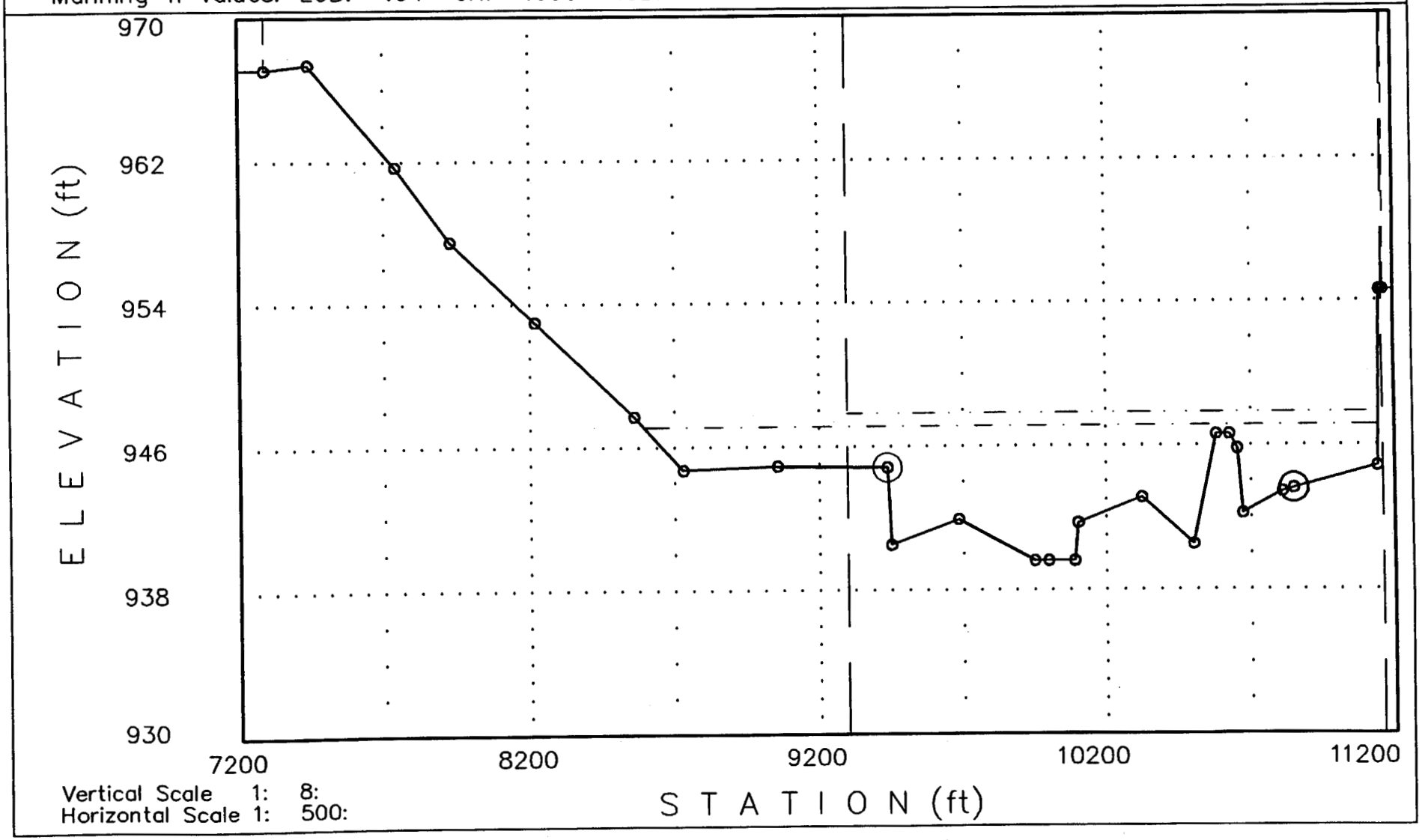
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.6: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 947.12
Q2= 50900cfs WS2= 947.83

Manning-n Values: LOB: .04 CH: .035 ROB: .04



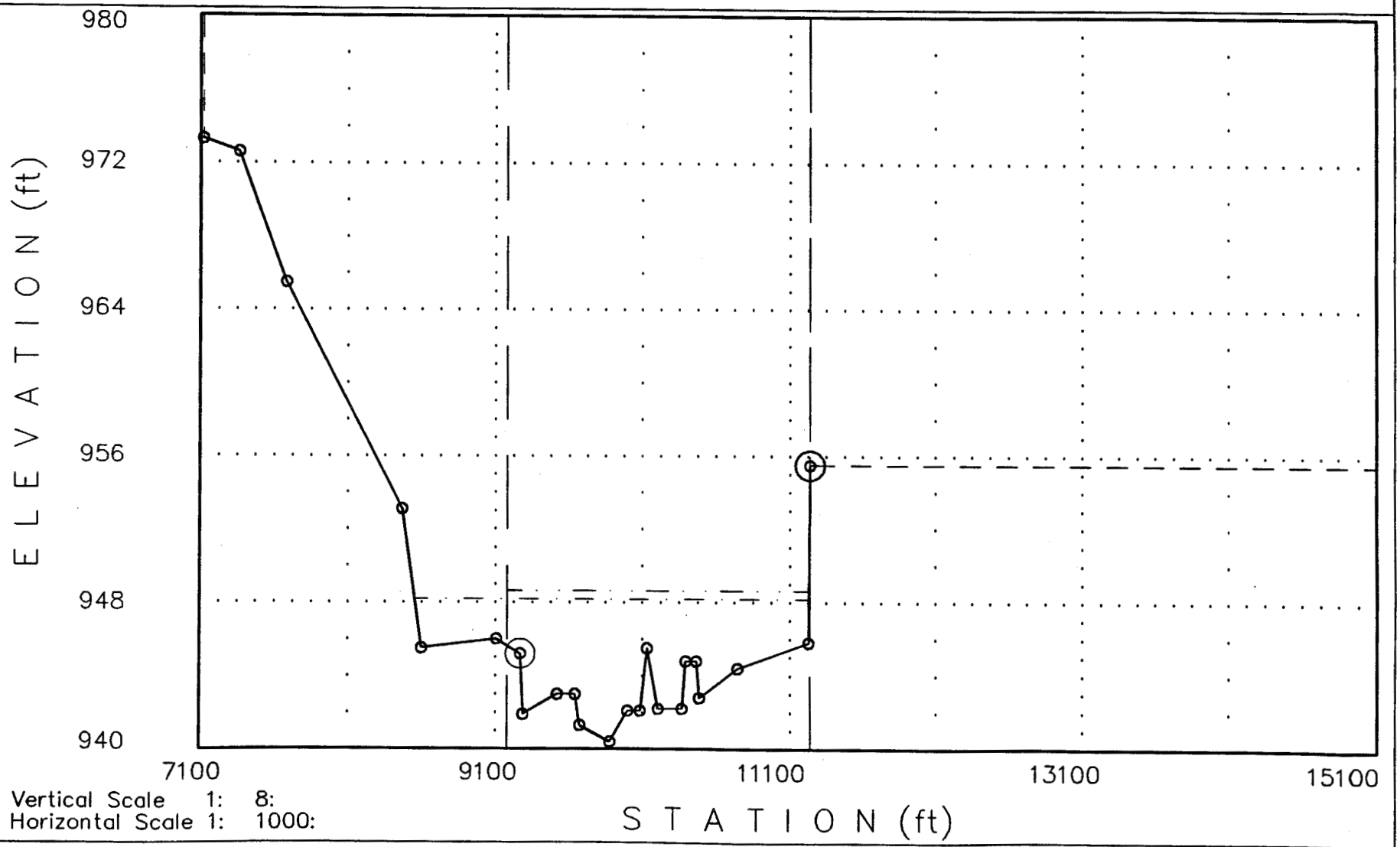
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.7: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 948.18
Q2= 50900cfs WS2= 948.64

Manning-n Values: LOB: .04 CH: .035 ROB: 0



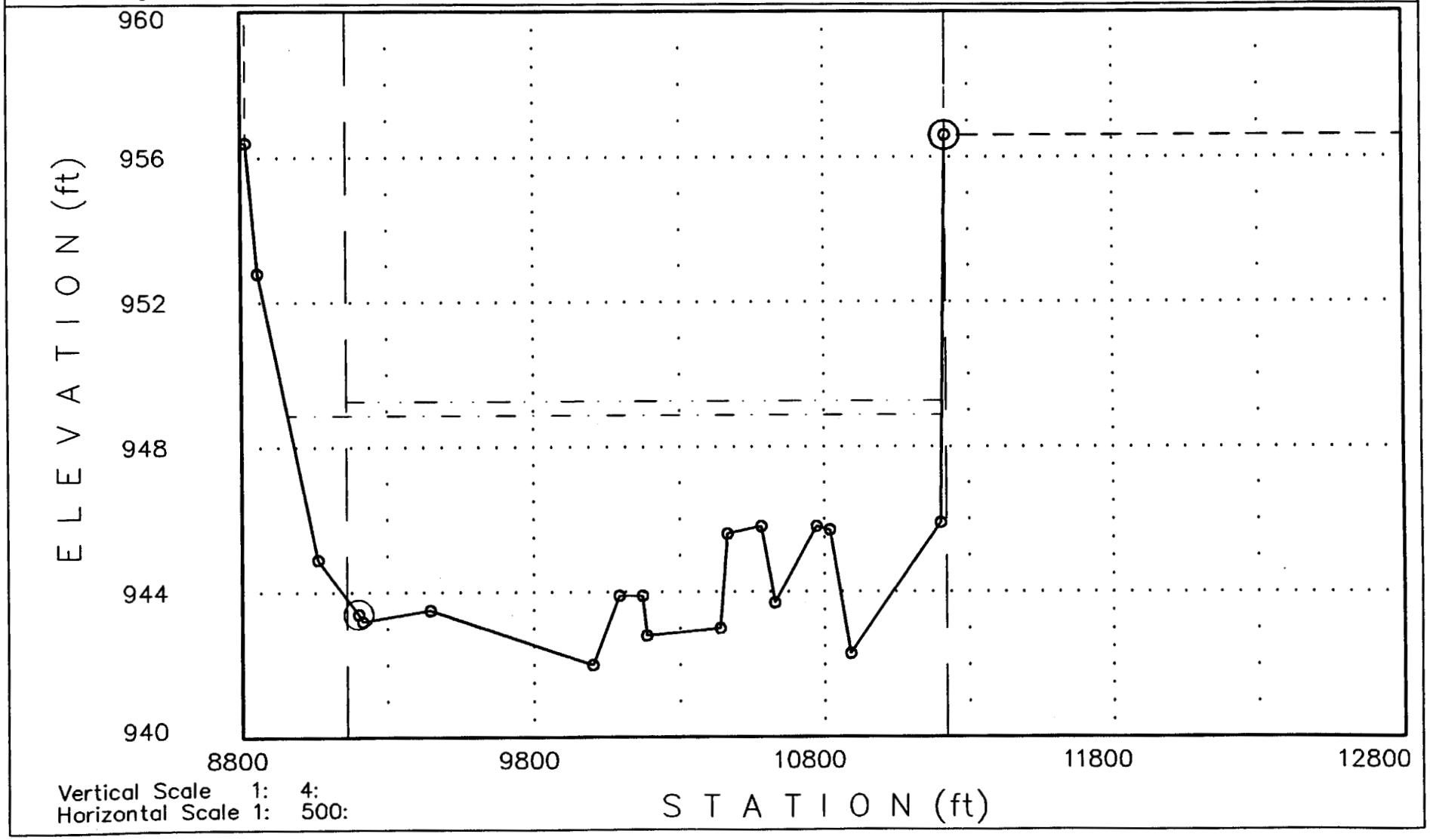
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 2.8: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 948.88
Q2= 50900cfs WS2= 949.27

Manning-n Values: LOB: .04 CH: .035 ROB: 0



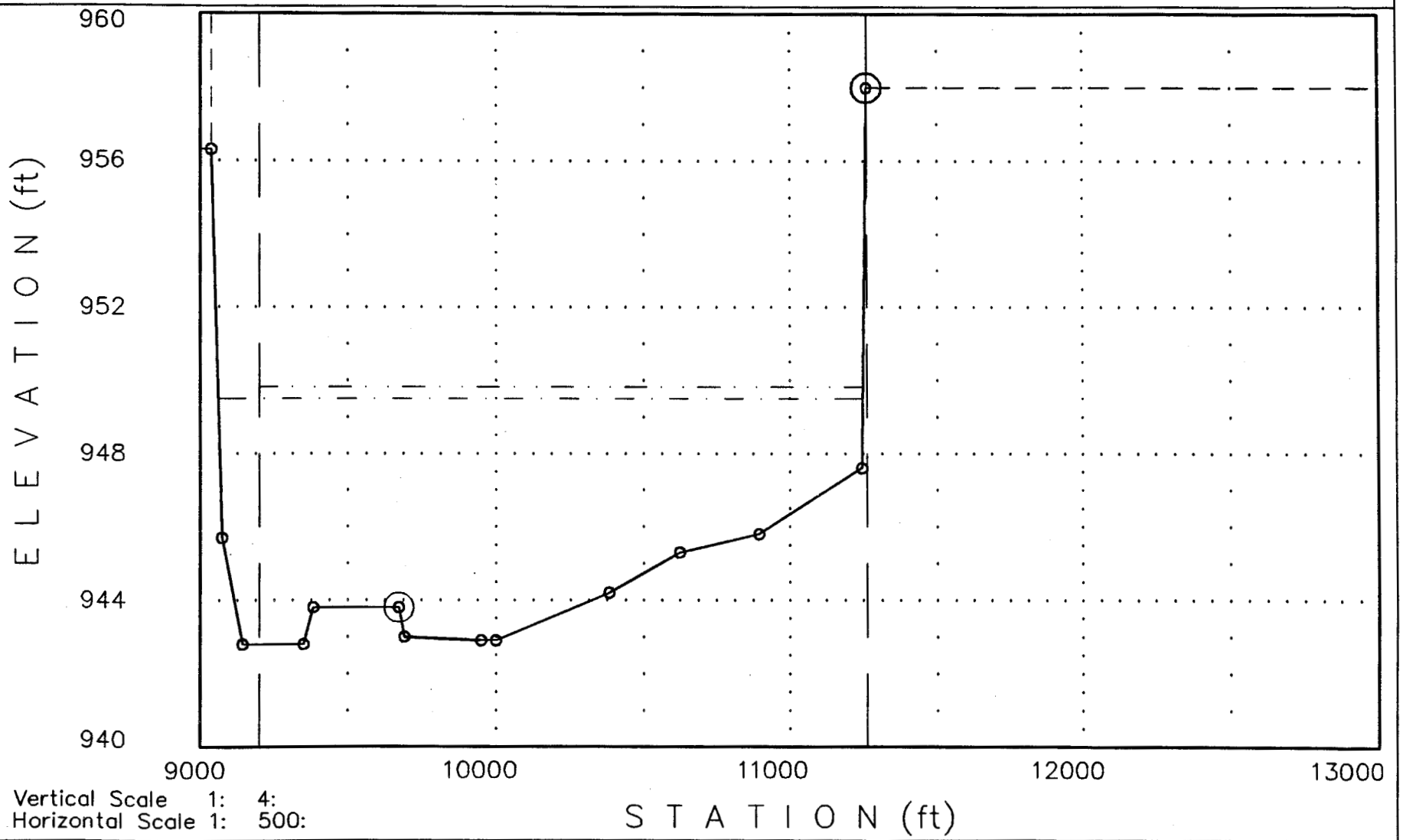
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.89: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 949.51
Q2= 50900cfs WS2= 949.82

Manning-n Values: LOB: .04 CH: .035 ROB: 0



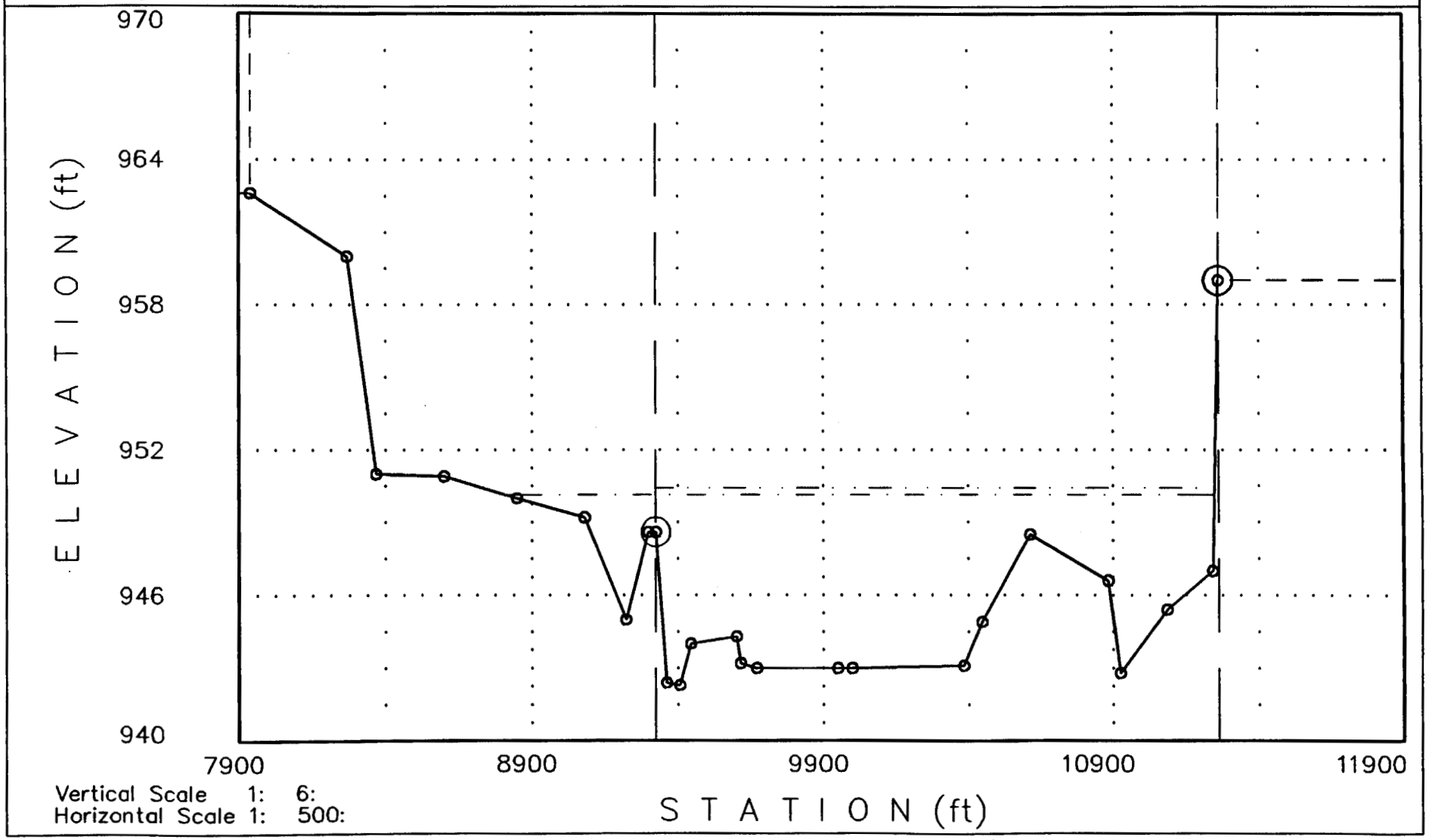
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 2.99: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 950.15
Q2= 50900cfs WS2= 950.43

Manning-n Values: LOB: .04 CH: .035 ROB: 0



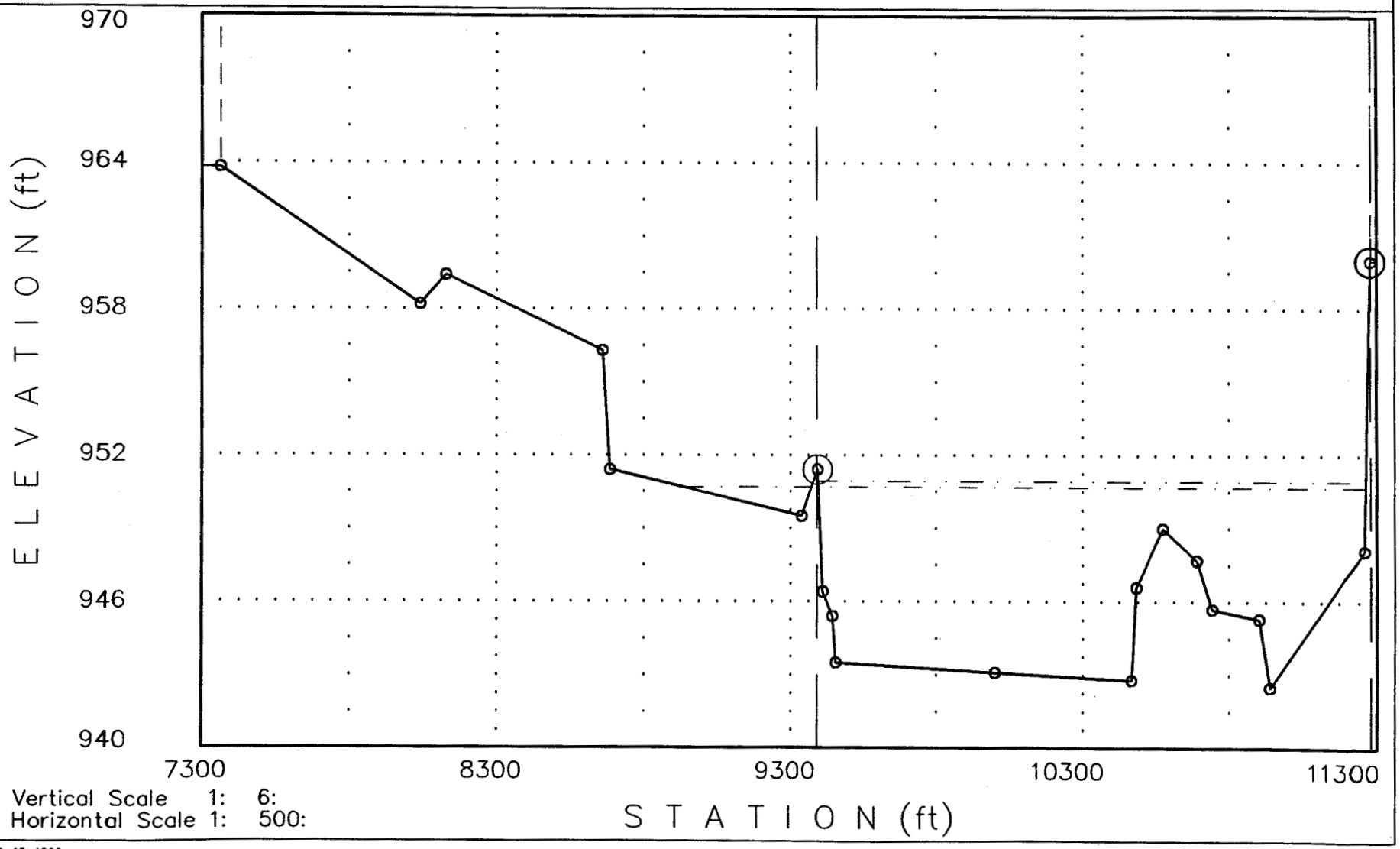
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.08: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 950.69
Q2= 50900cfs WS2= 950.94

Manning-n Values: LOB: 0 - .04 CH: .035 ROB: 0



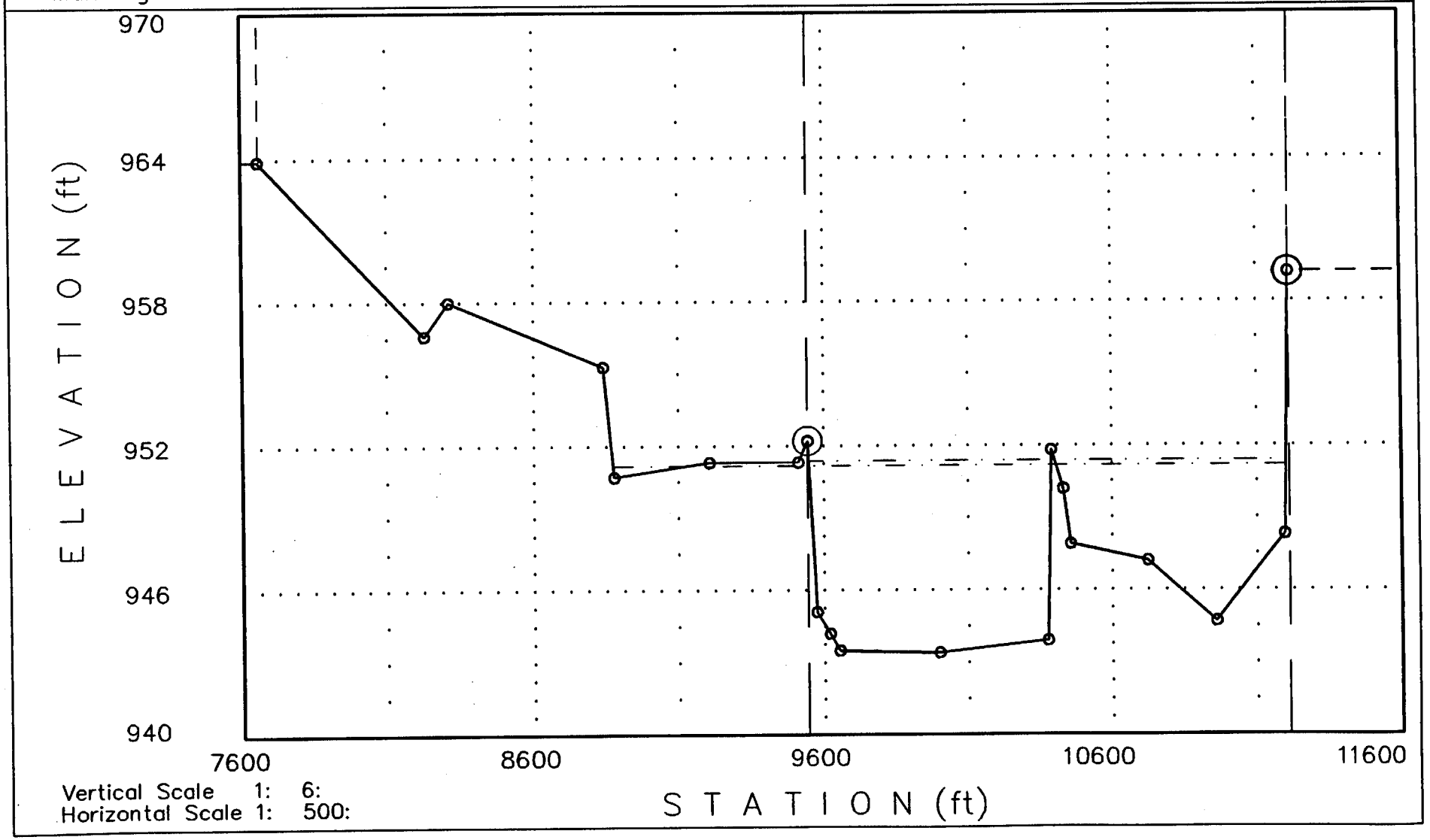
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.18: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 951.18
Q2= 50900cfs WS2= 951.37

Manning-n Values: LOB: 0 - .04 CH: .035 ROB: 0



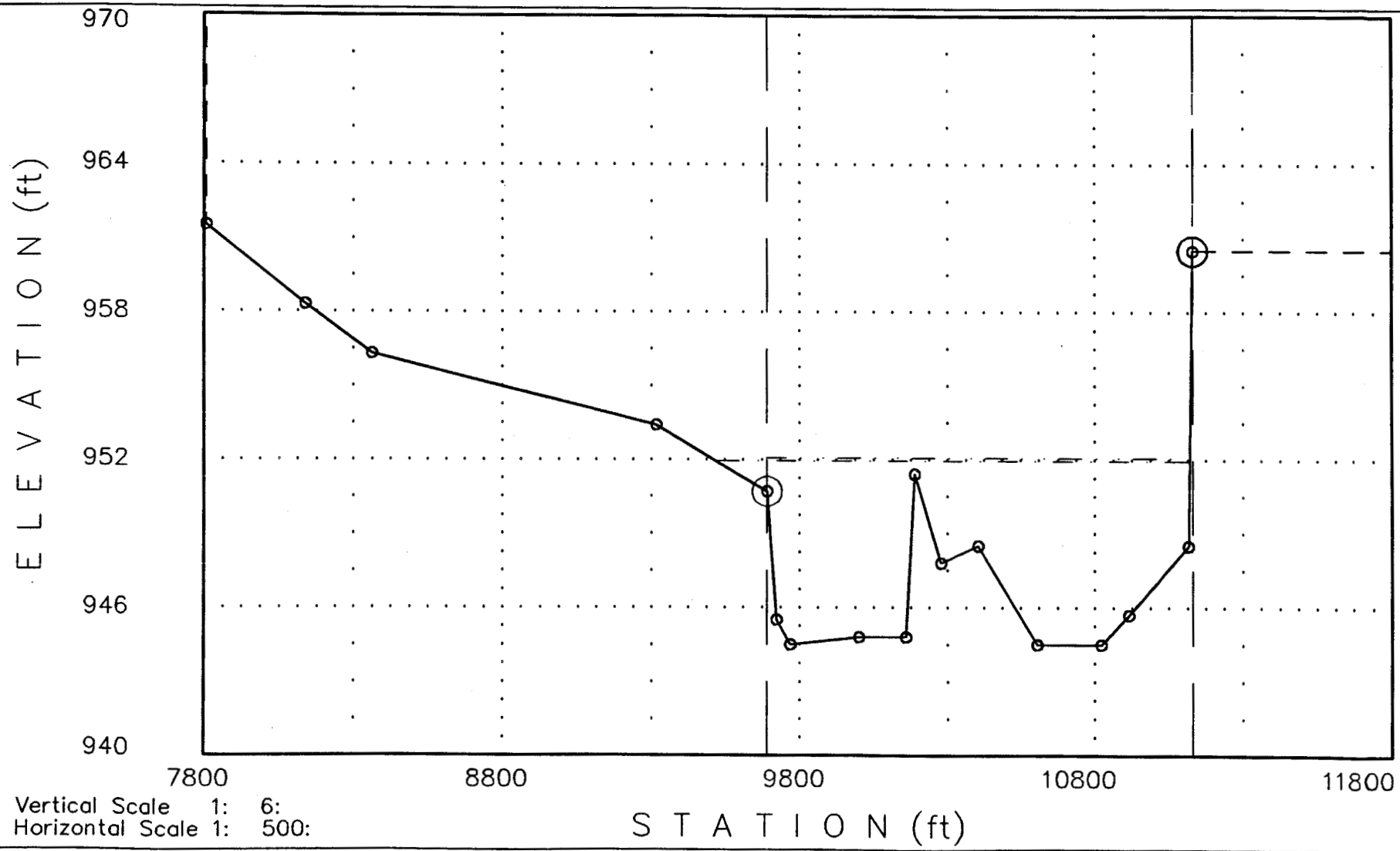
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.27: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 951.95
Q2= 50900cfs WS2= 952.07

Manning-n Values: LOB: .04 CH: .035 ROB: 0



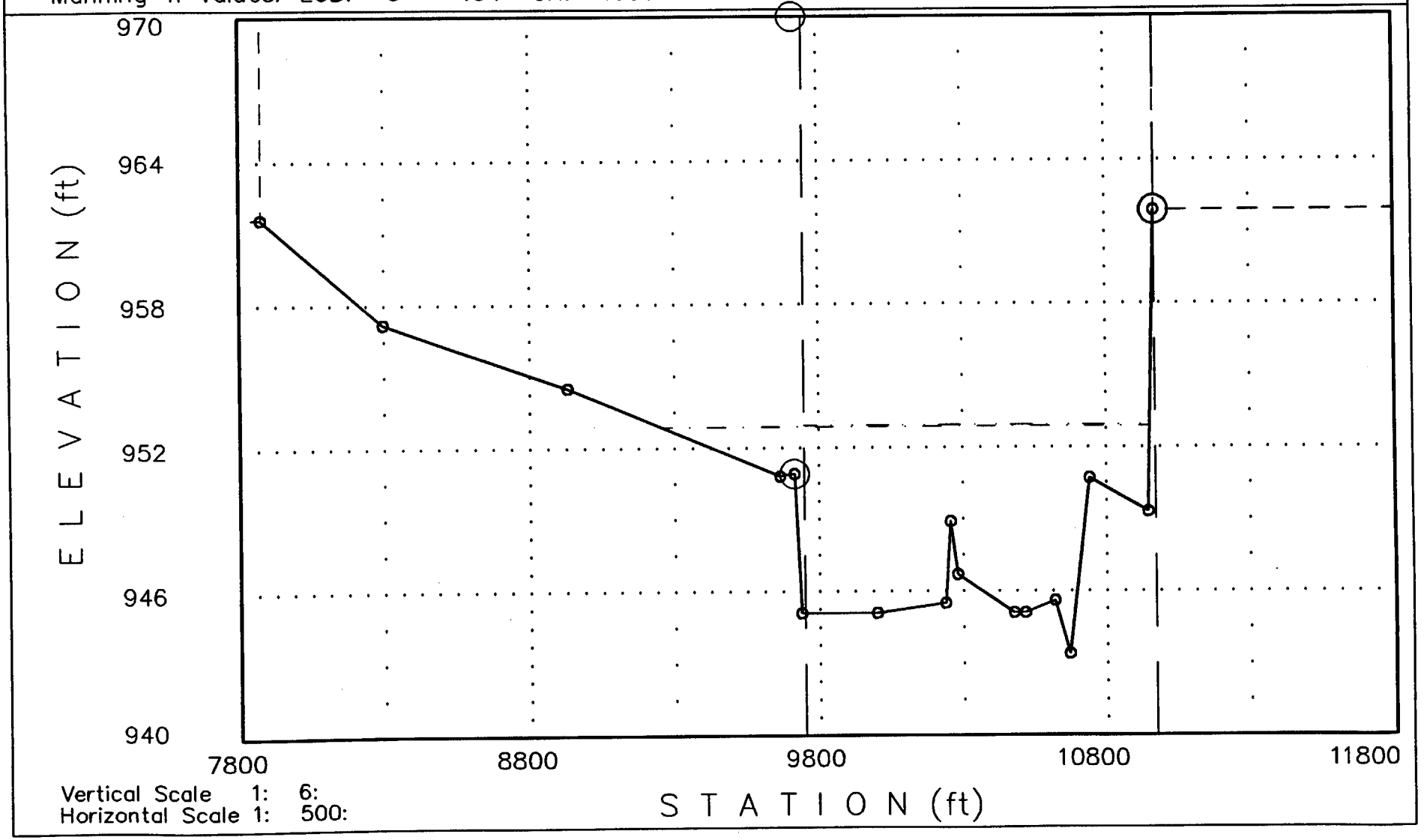
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.37: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 952.88
Q2= 50900cfs WS2= 952.94

Manning-n Values: LOB: 0 - .04 CH: .035 ROB: 0



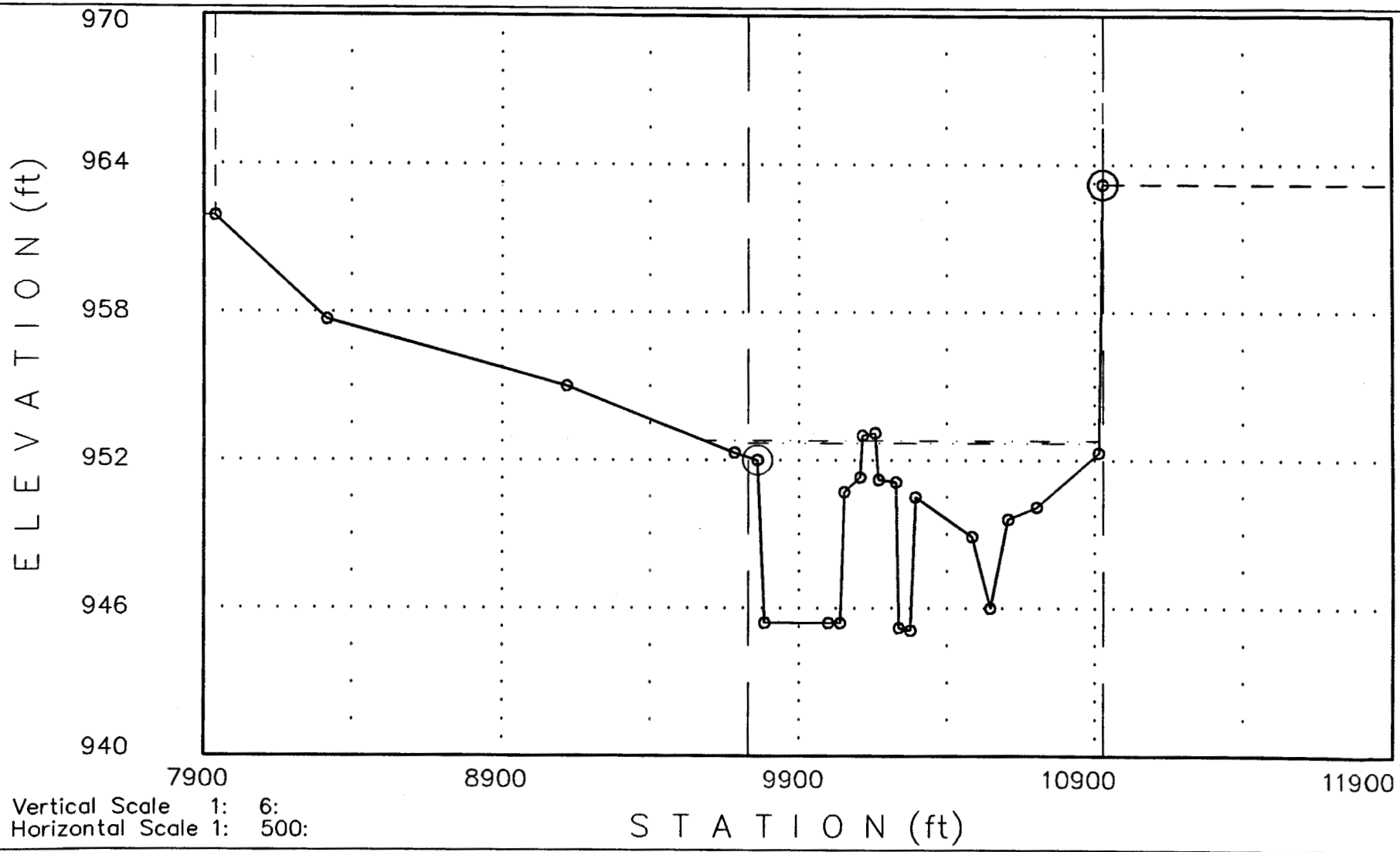
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.4: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 952.8
Q2= 50900cfs WS2= 952.7

Manning-n Values: LOB: .04 CH: .035 ROB: 0



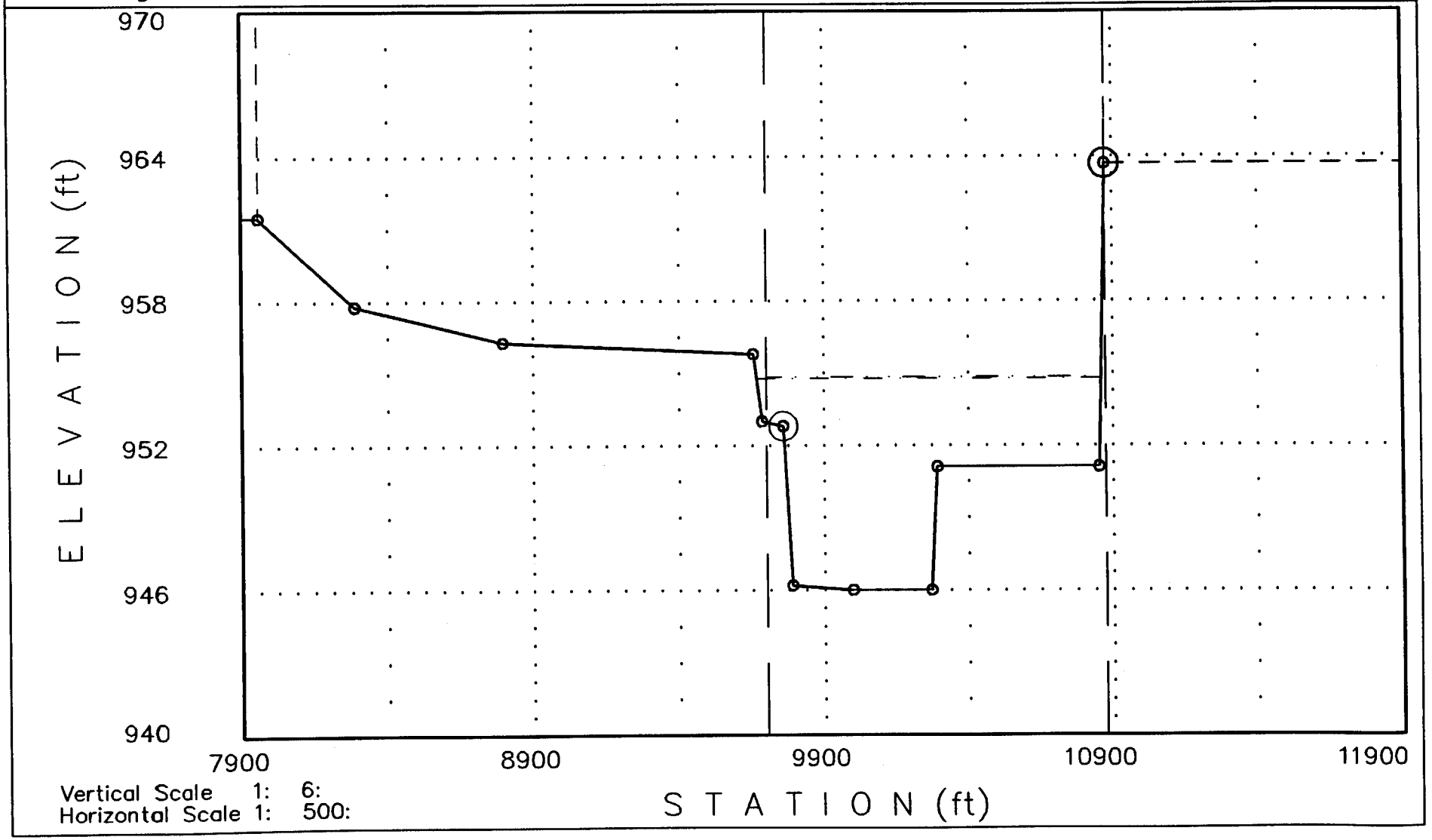
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.43: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 954.78
Q2= 50900cfs WS2= 954.83

Manning-n Values: LOB: .04 CH: .035 ROB: 0



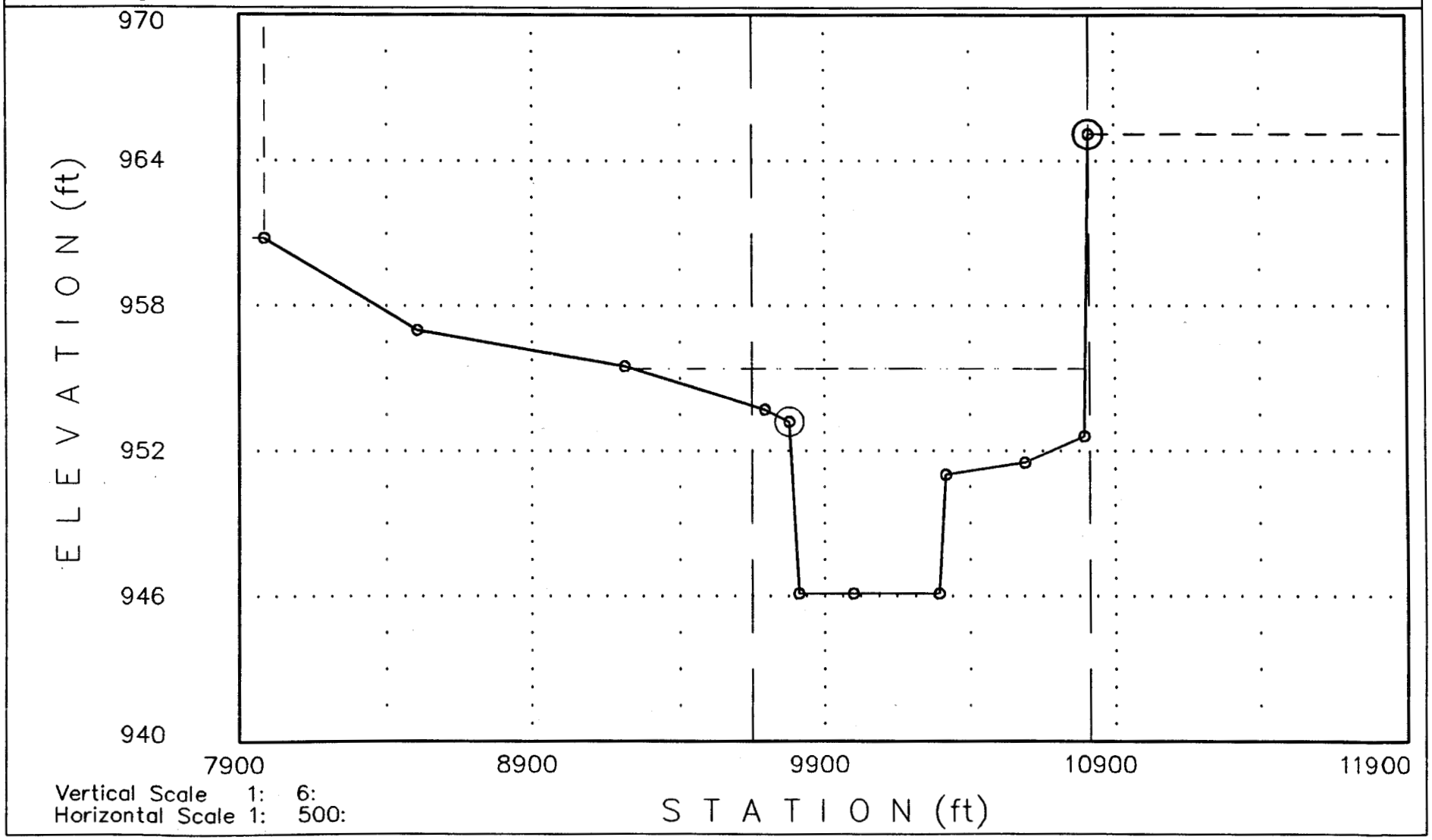
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.47: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 955.39
Q2= 50900cfs WS2= 955.4

Manning-n Values: LOB: .04 CH: .035 ROB: 0



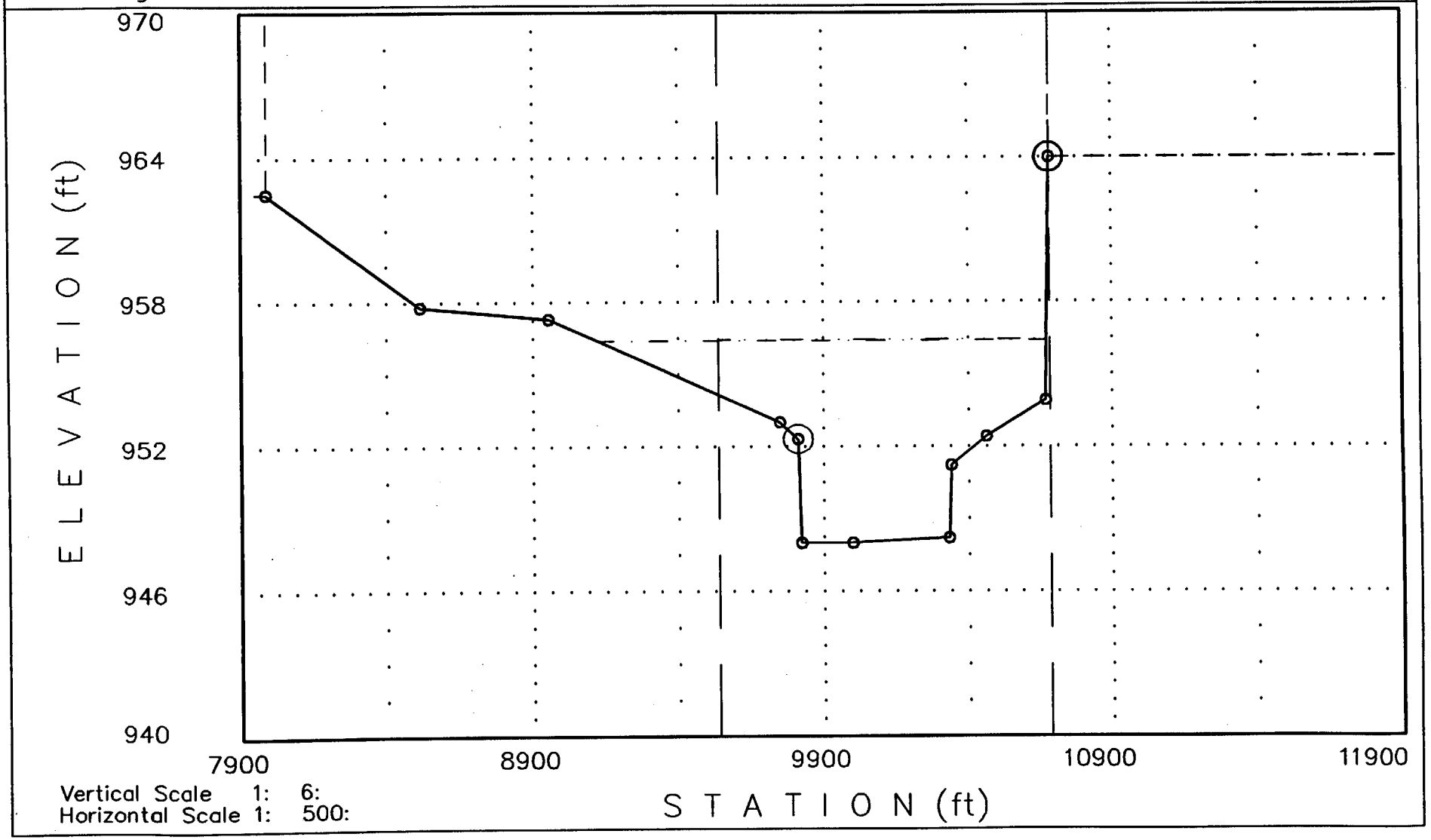
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.55: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 956.41
Q2= 50900cfs WS2= 956.43

Manning-n Values: LOB: .04 CH: .035 ROB: 0



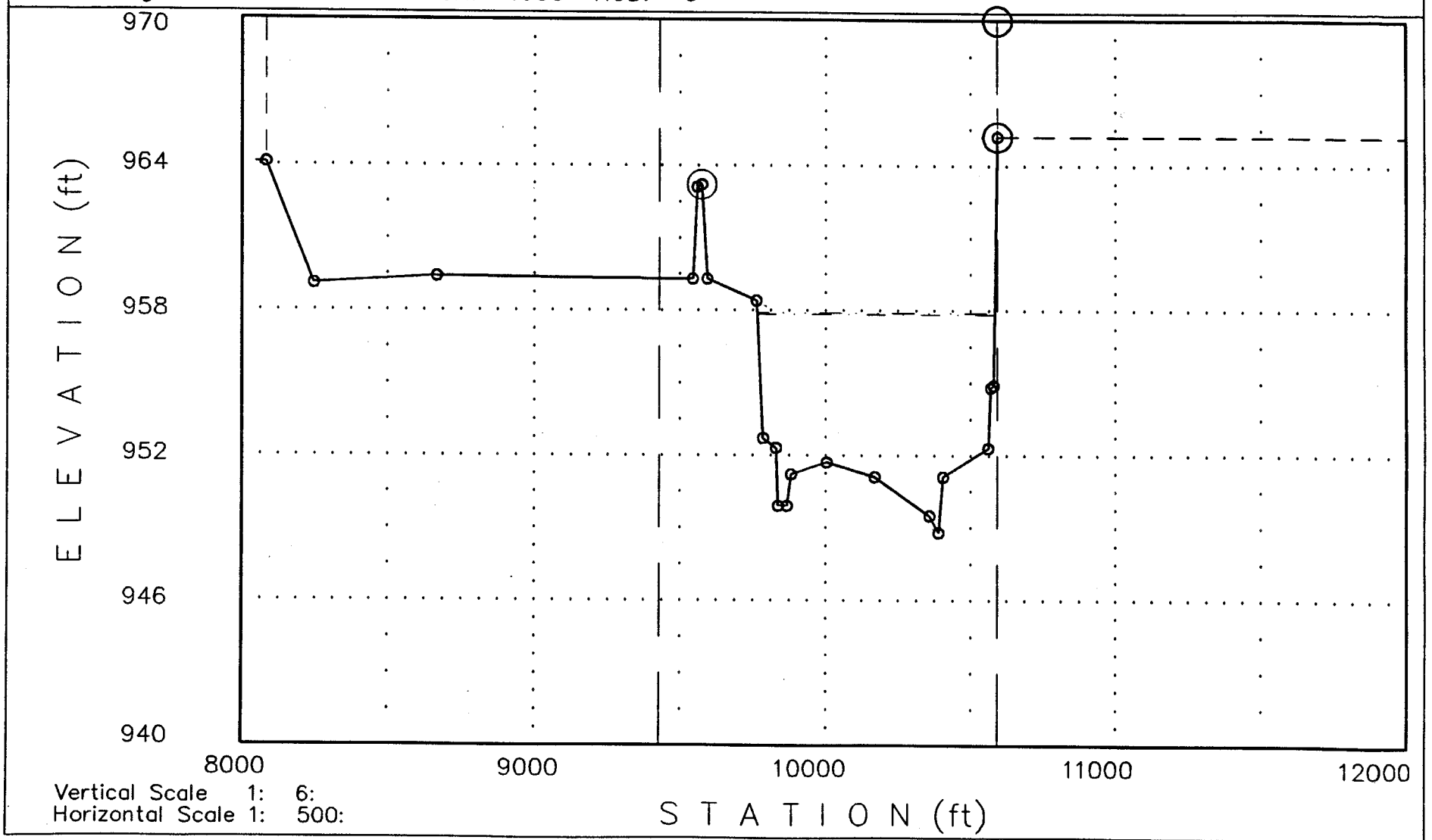
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.64: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 957.84
Q2= 50900cfs WS2= 957.9

Manning-n Values: LOB: 0 CH: .035 ROB: 0



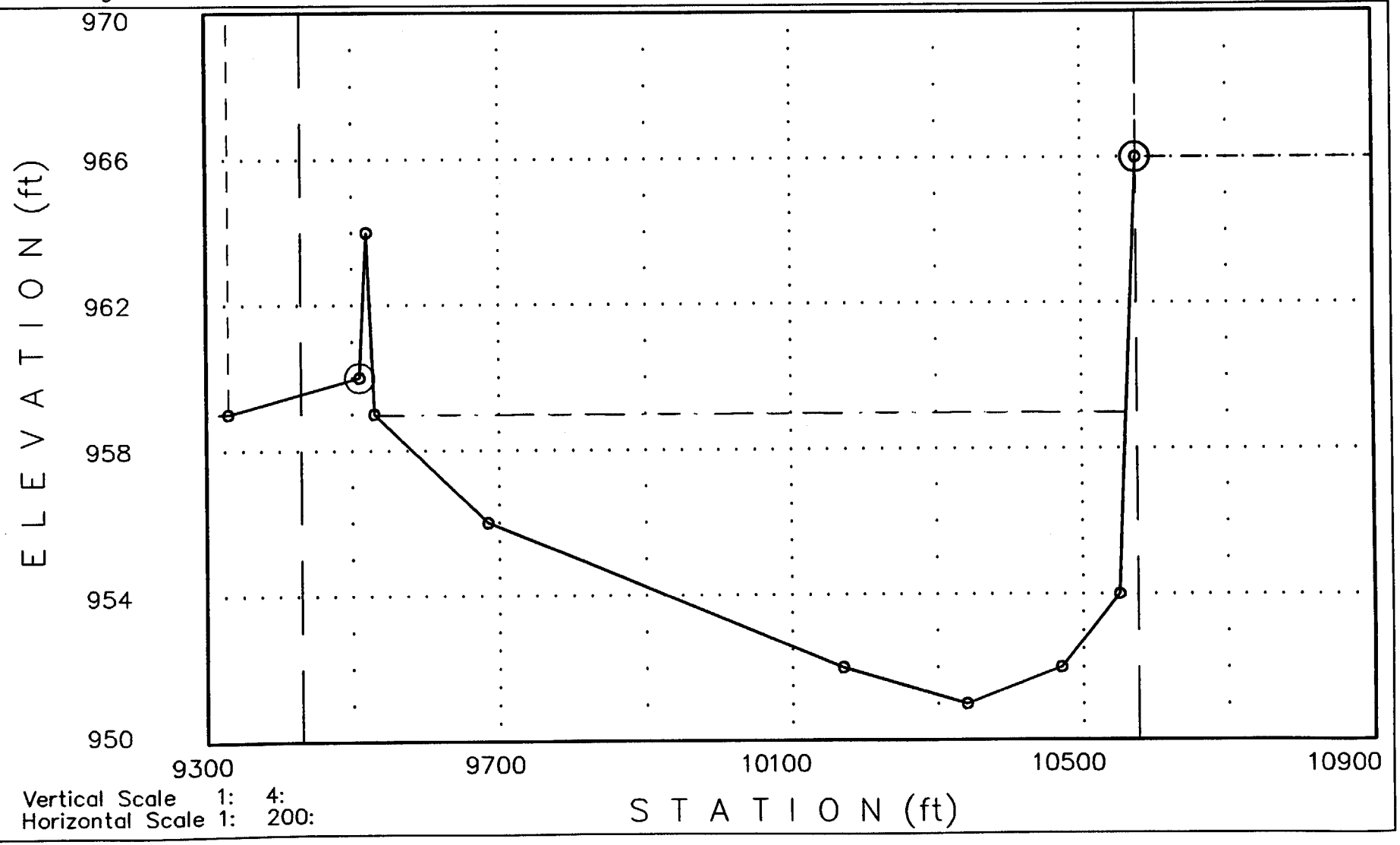
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 3.69: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 958.97
Q2= 50900cfs WS2= 958.99

Manning-n Values: LOB: 0 CH: .035 ROB: 0



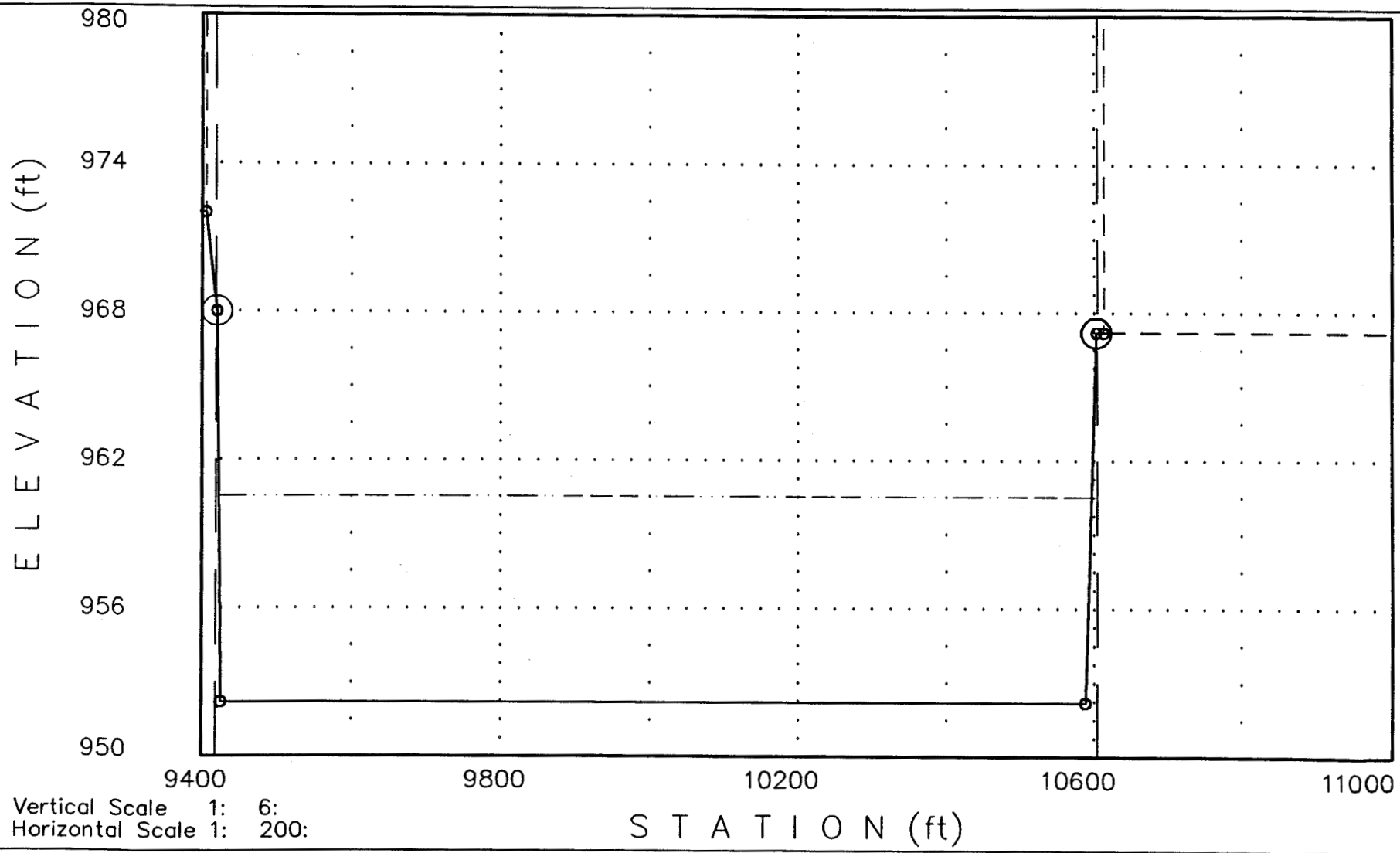
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.729: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 960.52
Q2= 50900cfs WS2= 960.53

Manning-n Values: LOB: 0 CH: .035 ROB: 0



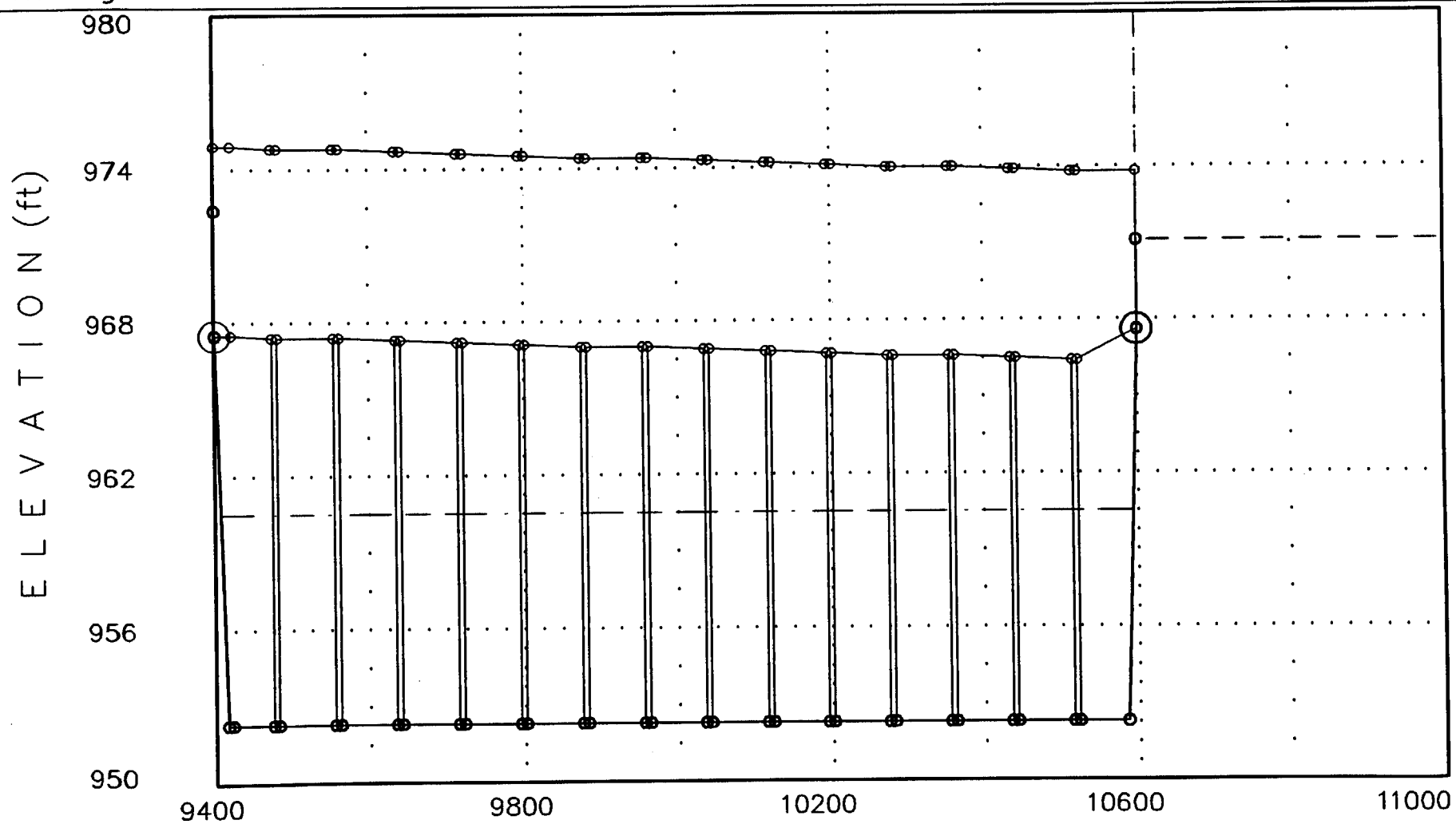
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.734: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 960.5
Q2= 50900cfs WS2= 960.51

Manning-n Values: LOB: 0 CH: .035 ROB: 0



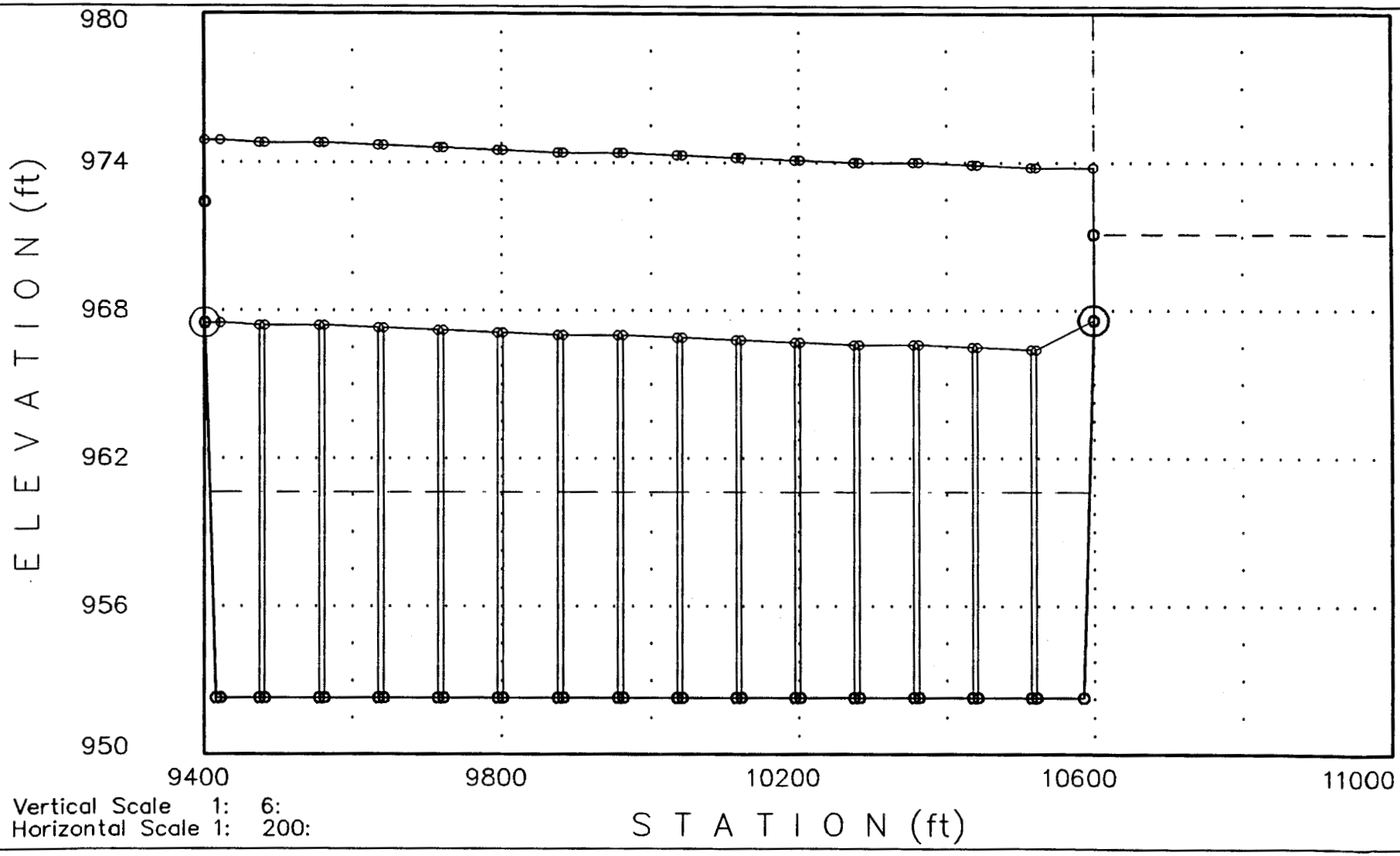
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.747: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 960.62
Q2= 50900cfs WS2= 960.63

Manning-n Values: LOB: 0 CH: .035 ROB: 0



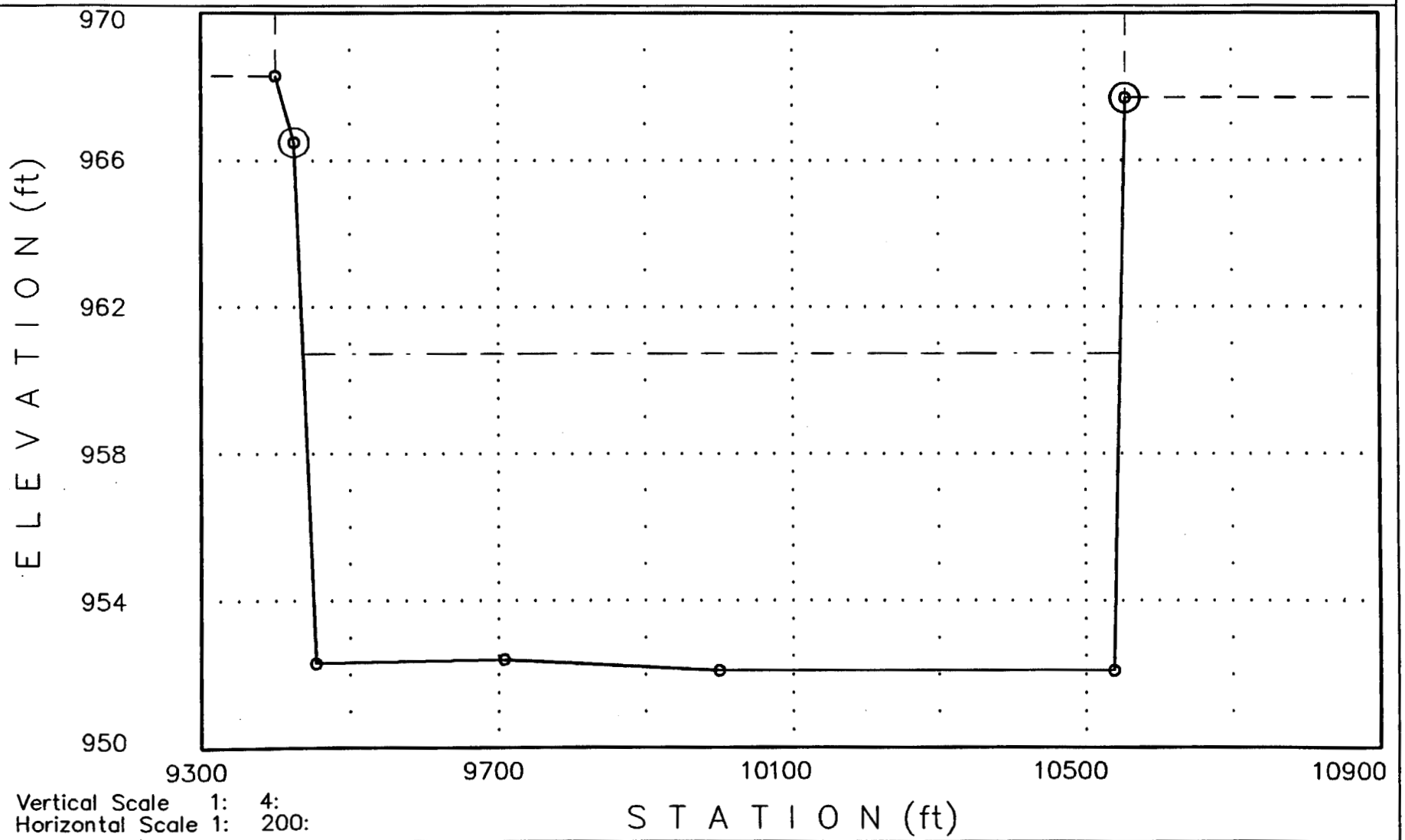
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.757: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 960.73
Q2= 50900cfs WS2= 960.74

Manning-n Values: LOB: 0 CH: .035 ROB: 0



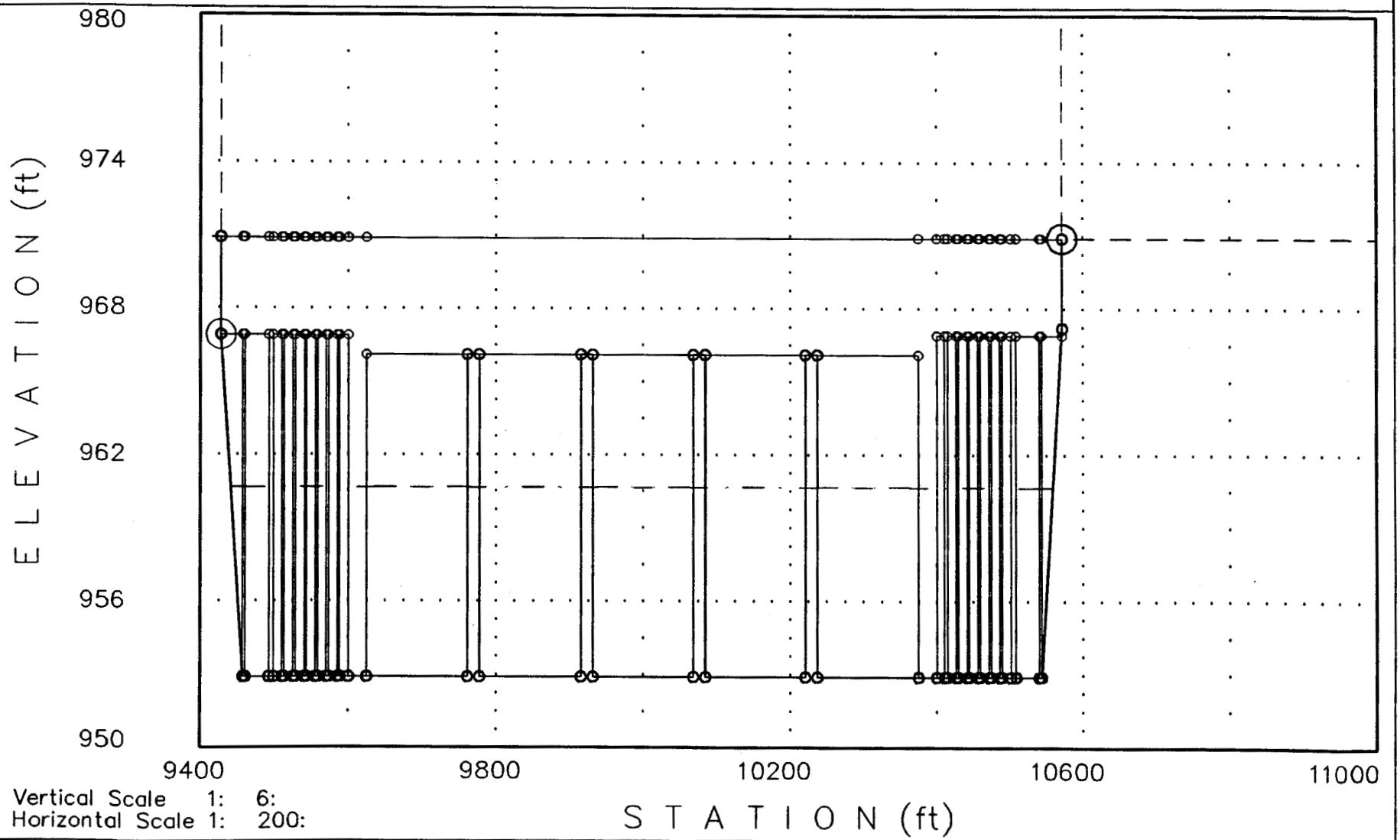
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.767: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 960.65
Q2= 50900cfs WS2= 960.66

Manning-n Values: LOB: 0 CH: .035 ROB: 0



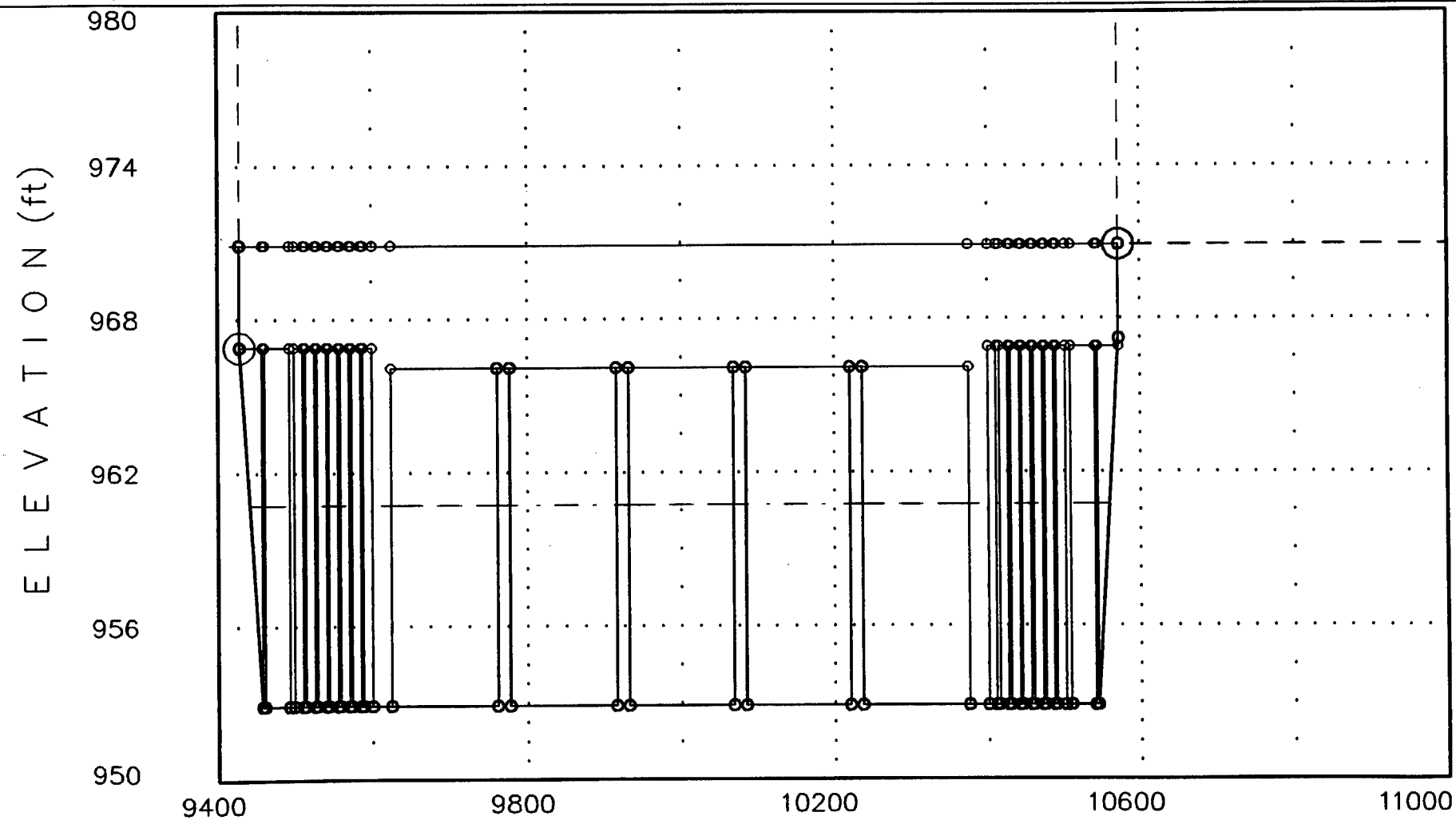
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.77: (FN = AGUAFRIA.110) >>>>>>

Q1= 50900cfs WS1= 960.72
Q2= 50900cfs WS2= 960.73

Manning-n Values: LOB: 0 CH: .035 ROB: 0



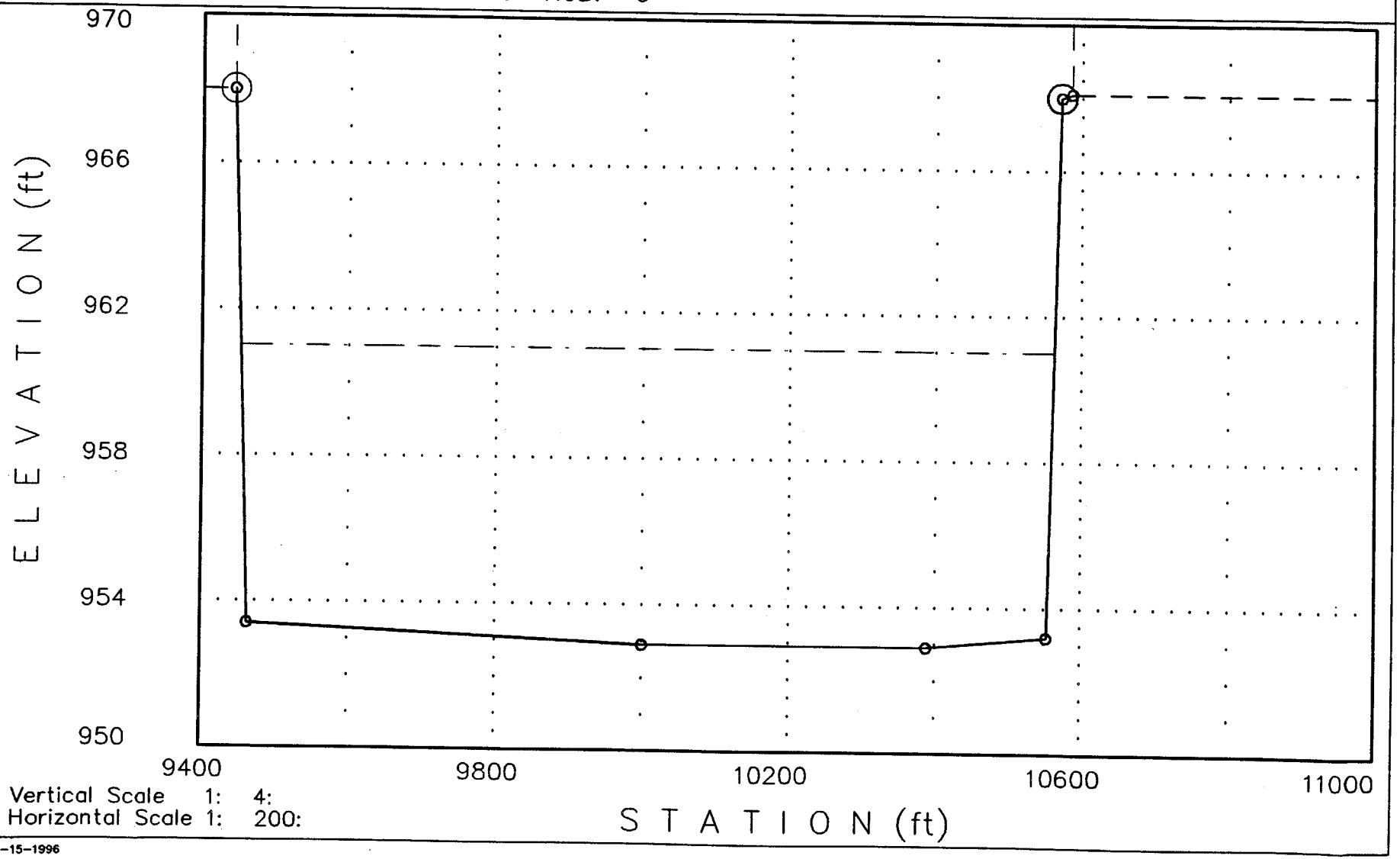
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.78: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 961.01
Q2= 52000cfs WS2= 961.01

Manning-n Values: LOB: 0 CH: .03 ROB: 0



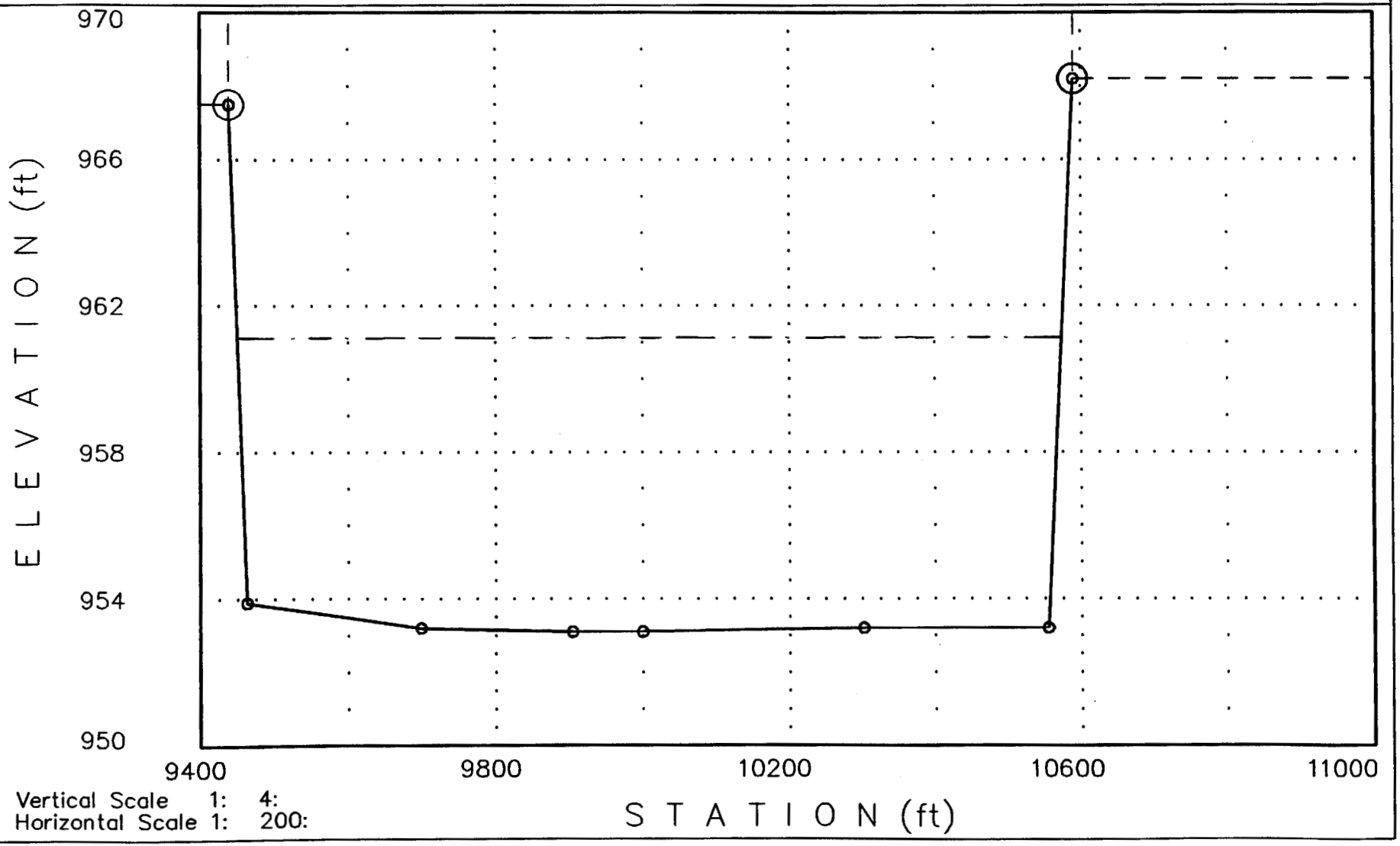
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.8: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 961.12
Q2= 52000cfs WS2= 961.13

Manning-n Values: LOB: 0 CH: .03 ROB: 0



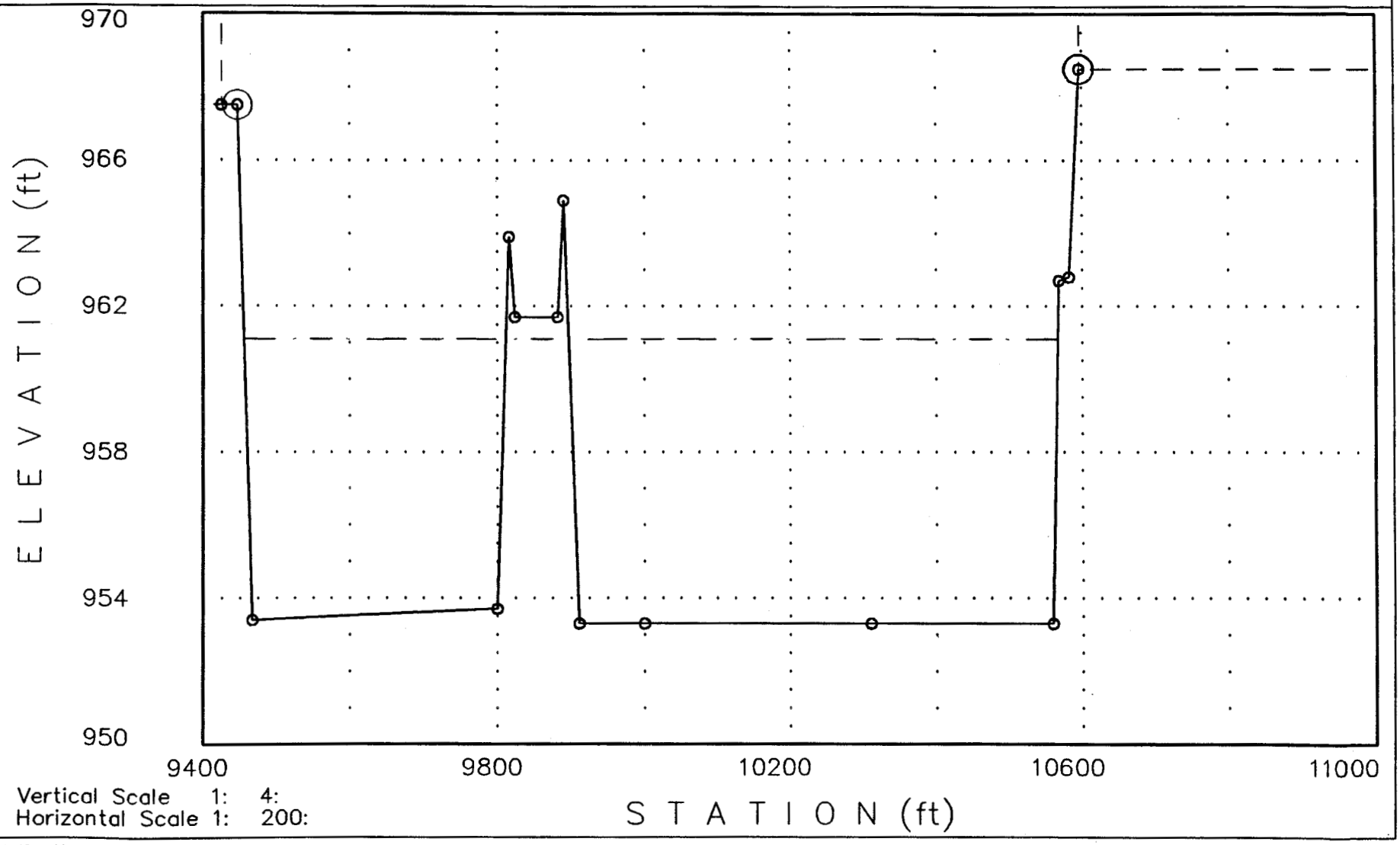
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.81: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 961.1
Q2= 52000cfs WS2= 961.11

Manning-n Values: LOB: 0 CH: .03 ROB: 0



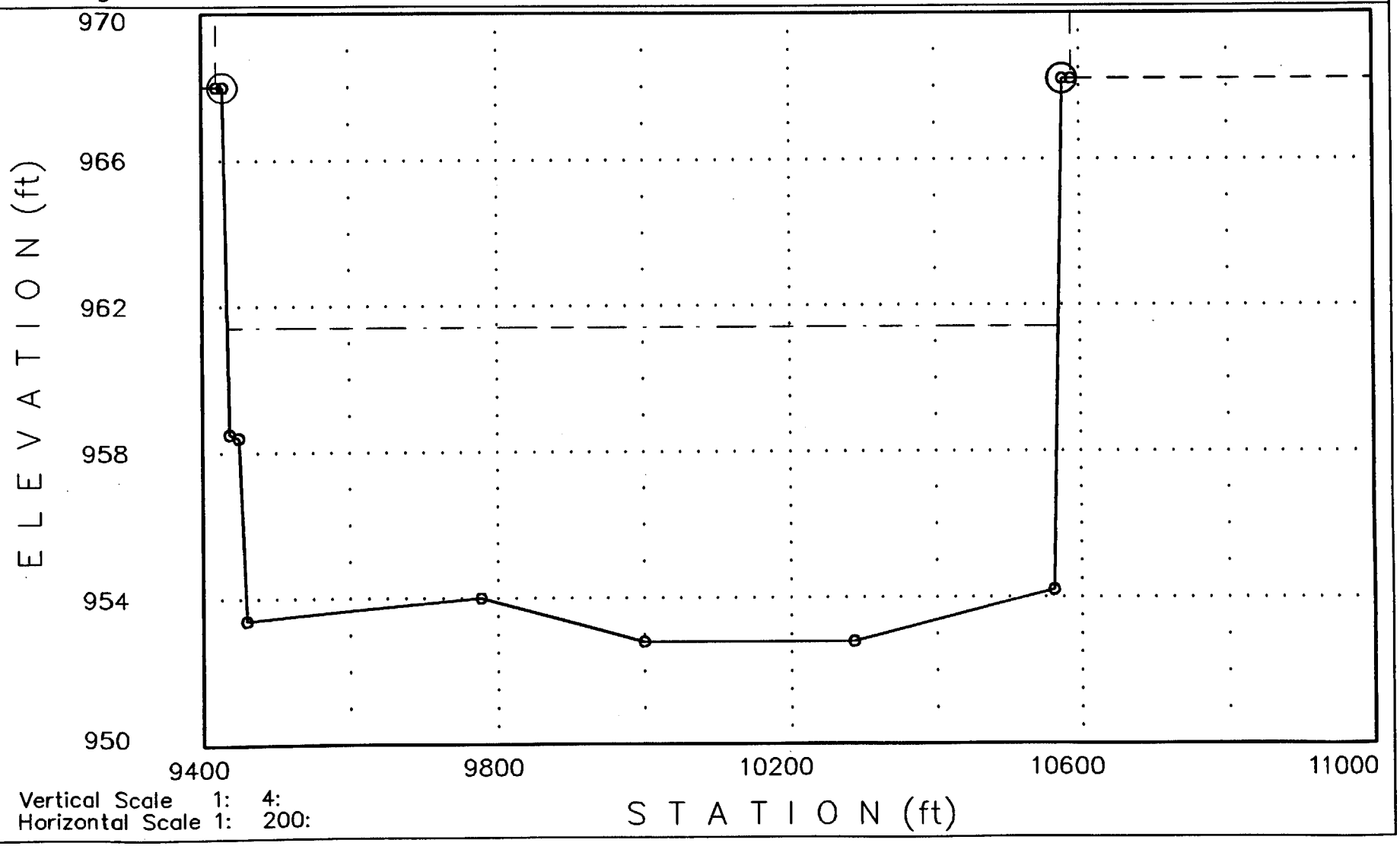
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.83: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 961.41
Q2= 52000cfs WS2= 961.42

Manning-n Values: LOB: 0 CH: .03 ROB: 0



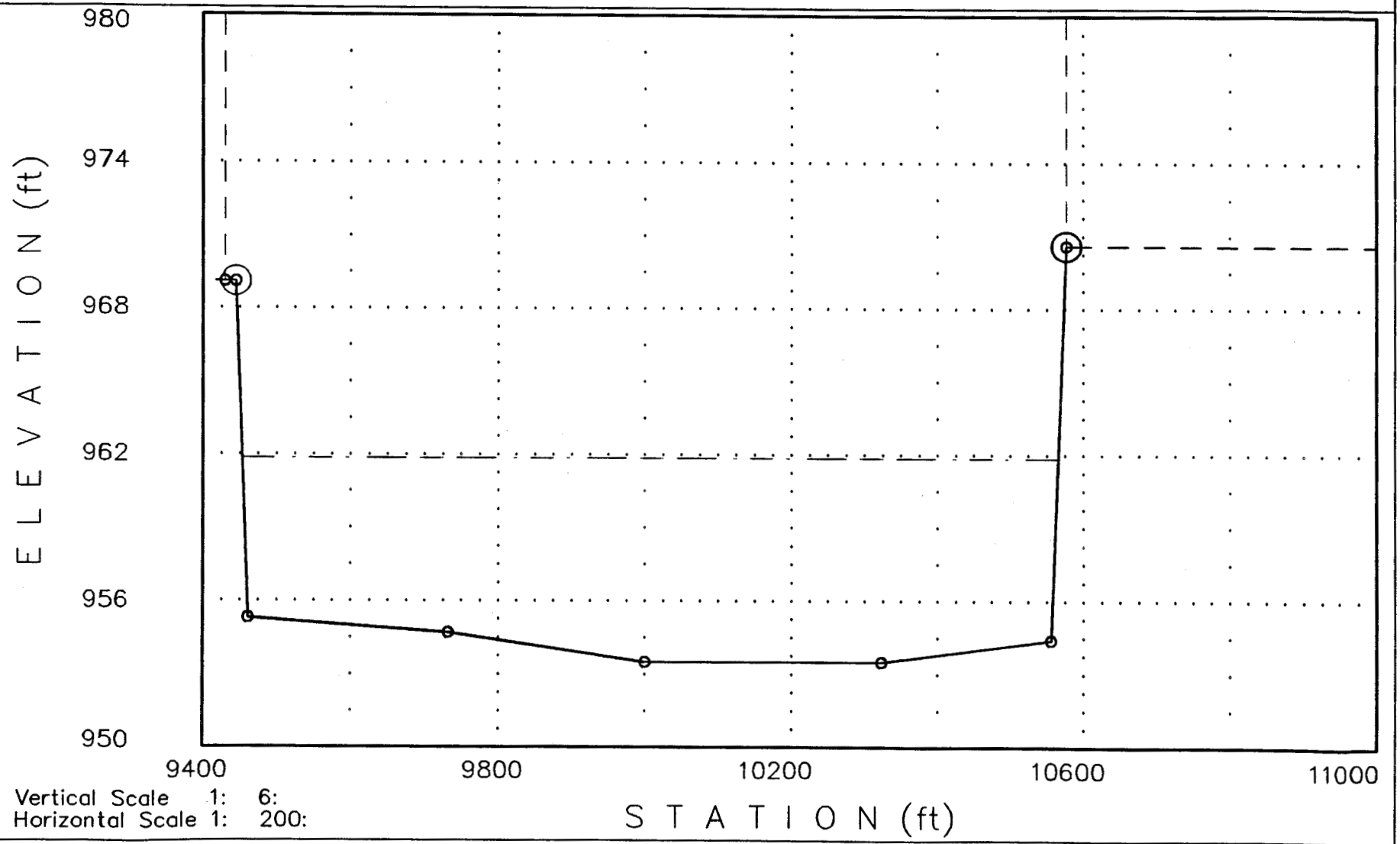
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 3.93: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 961.84
Q2= 52000cfs WS2= 961.84

Manning-n Values: LOB: 0 CH: .03 ROB: 0



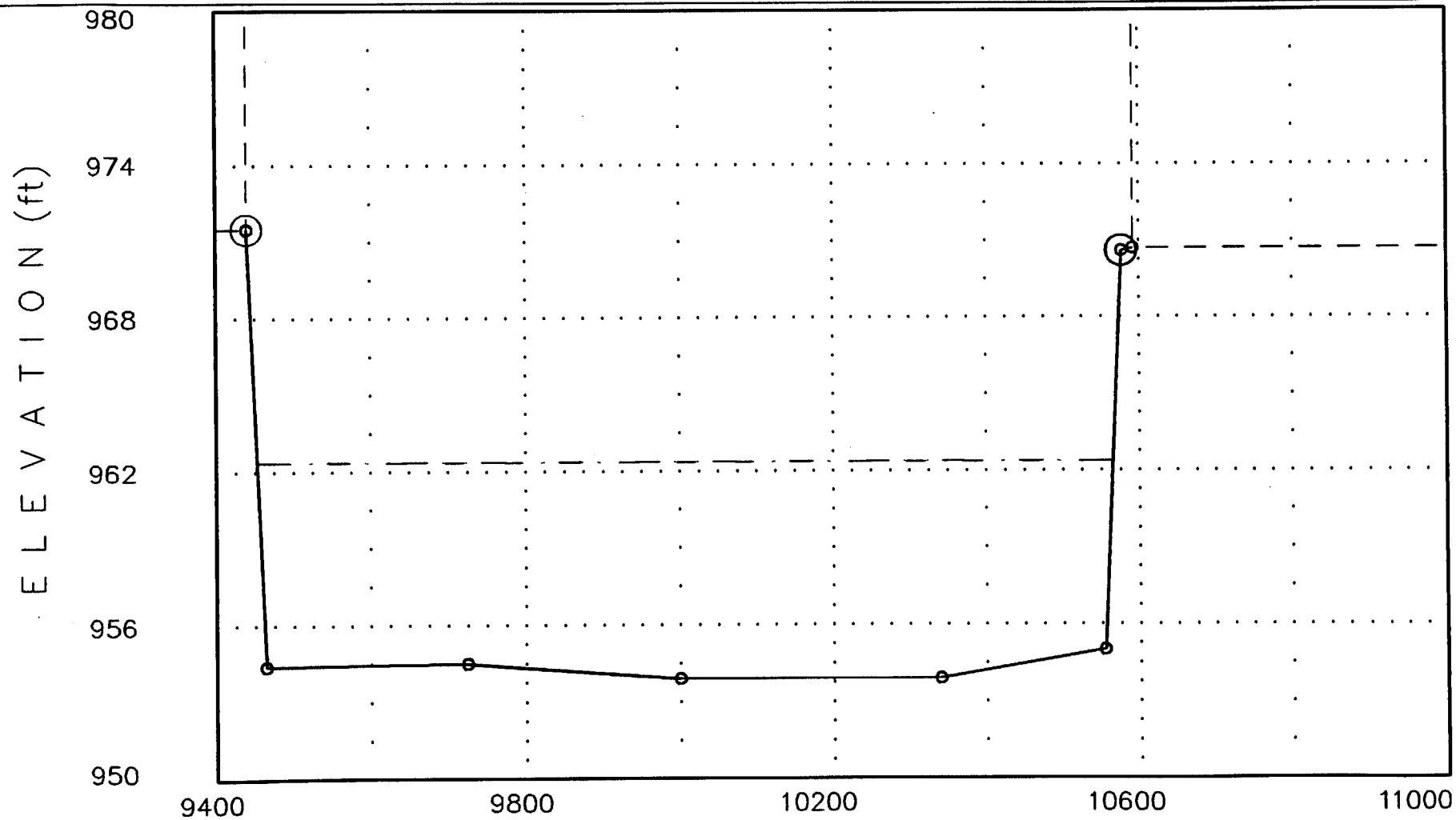
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.02: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 962.36
Q2= 52000cfs WS2= 962.37

Manning-n Values: LOB: 0 CH: .03 ROB: 0



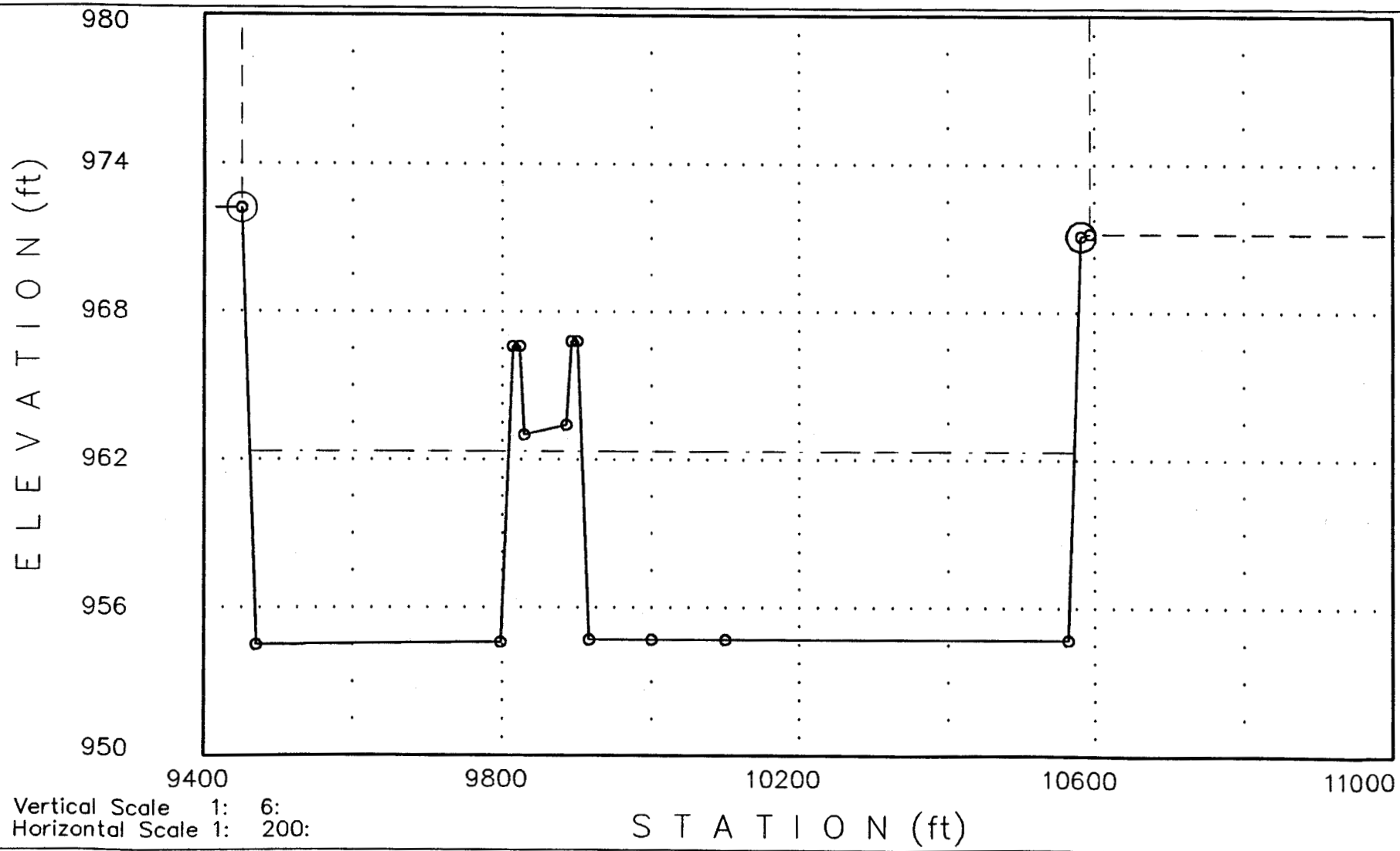
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.04: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 962.33
Q2= 52000cfs WS2= 962.33

Manning-n Values: LOB: 0 CH: .03 ROB: 0



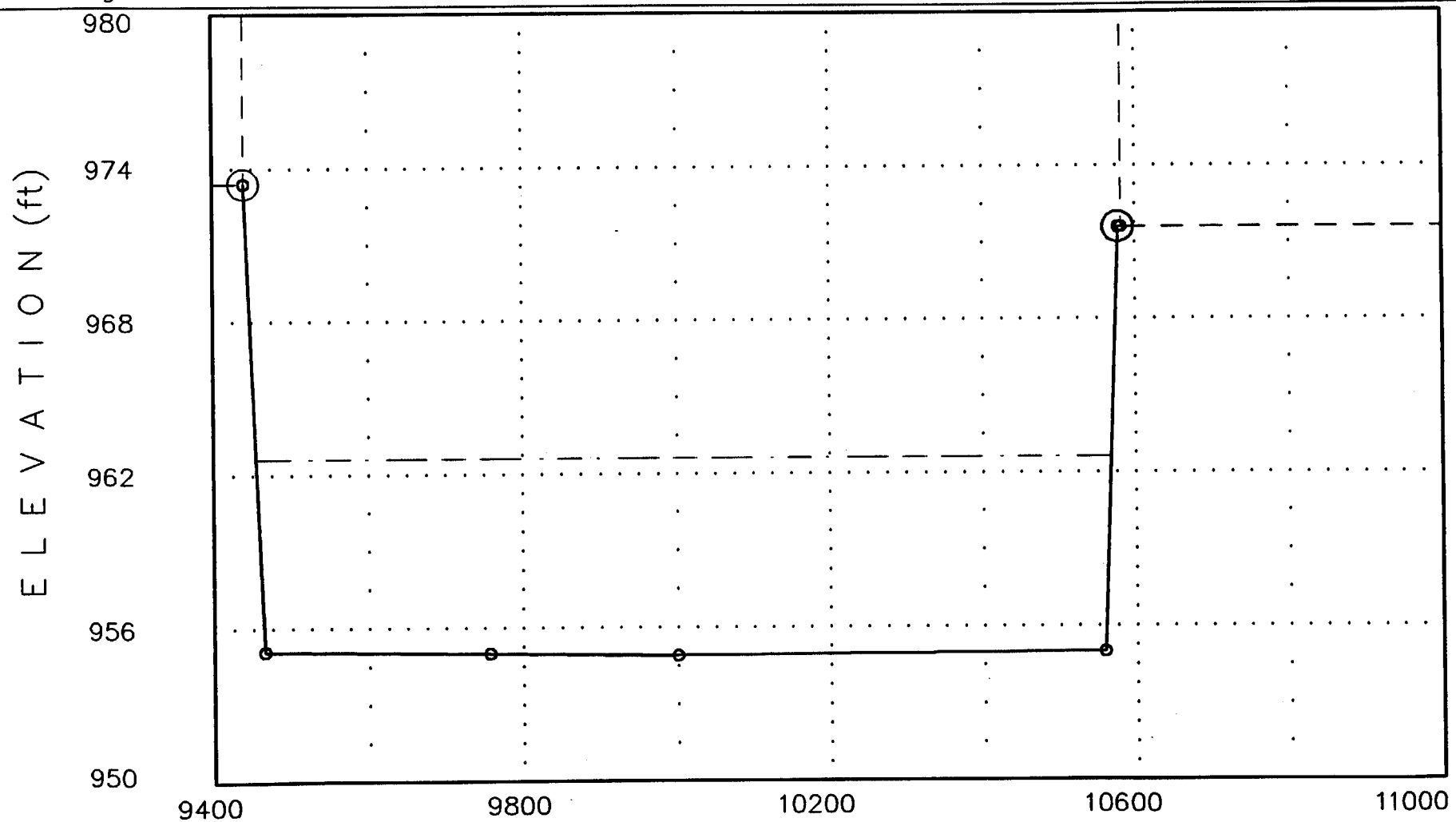
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.06: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 962.61
Q2= 52000cfs WS2= 962.61

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

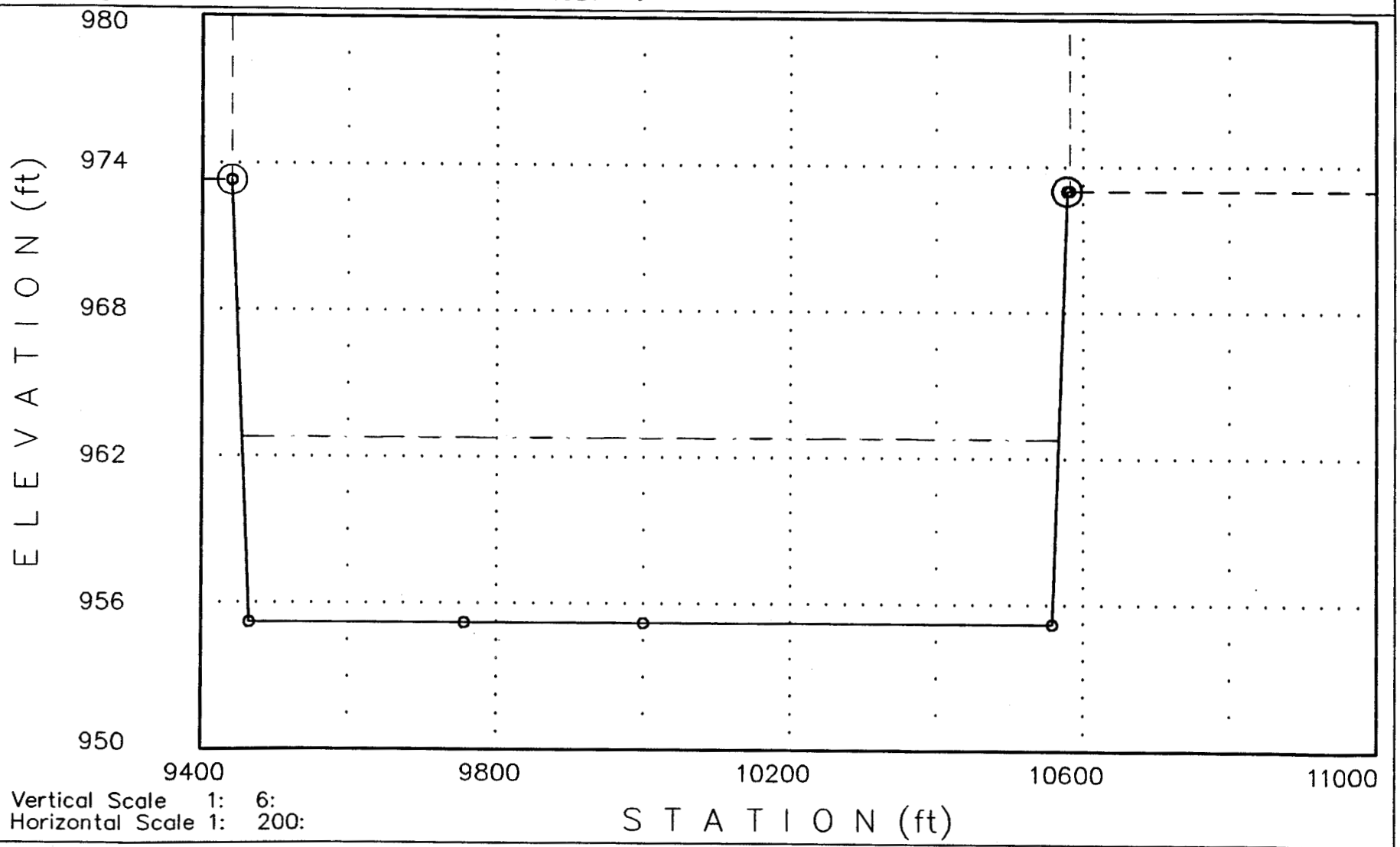
09-15-1996

<<<<<< Cross Section: 4.092: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 962.78

Q2= 52000cfs WS2= 962.79

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

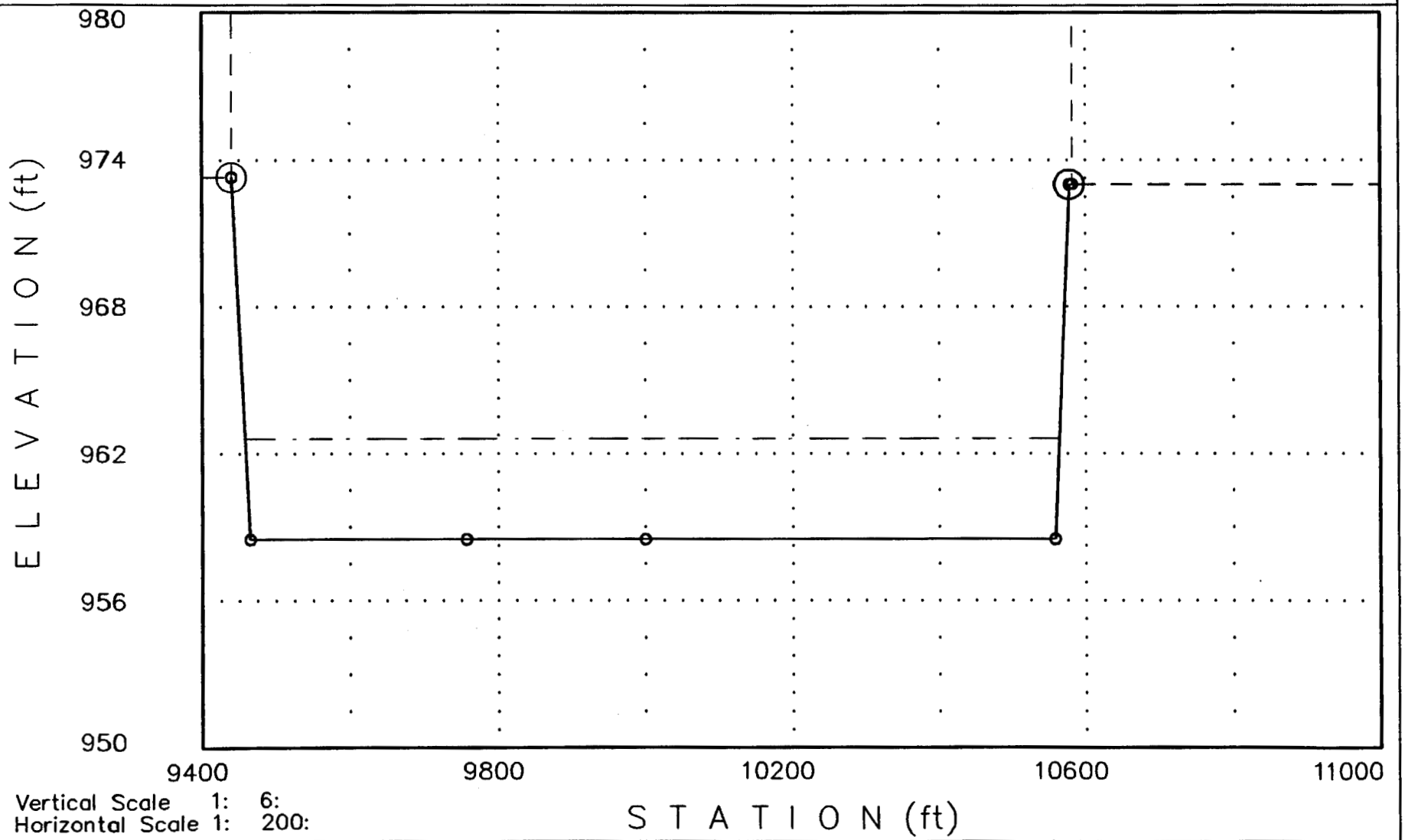
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.094: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 962.61
Q2= 52000cfs WS2= 962.61

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

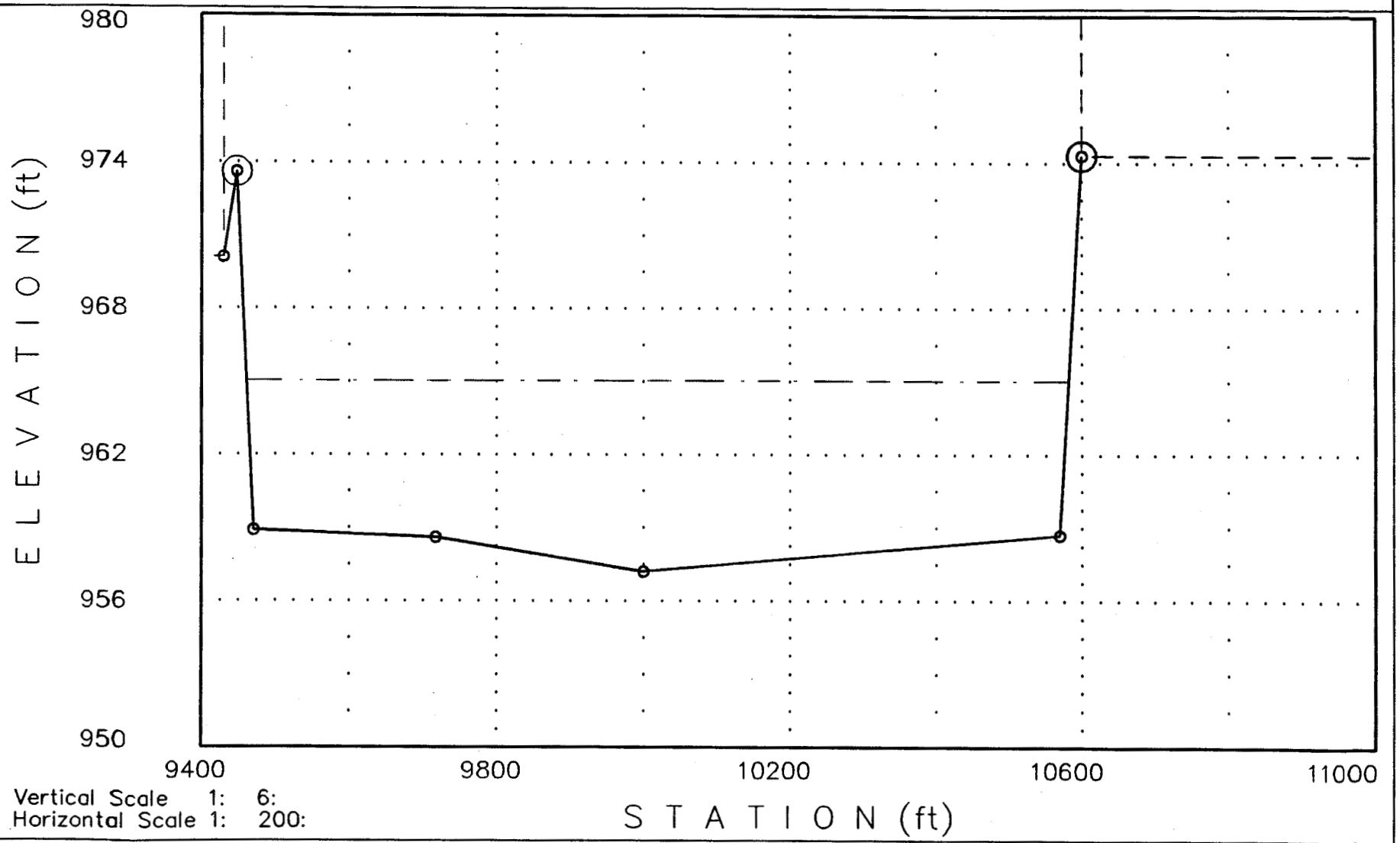
09-15-1996

<<<<<< Cross Section: 4.16: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 965.04

Q2= 52000cfs WS2= 965.04

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

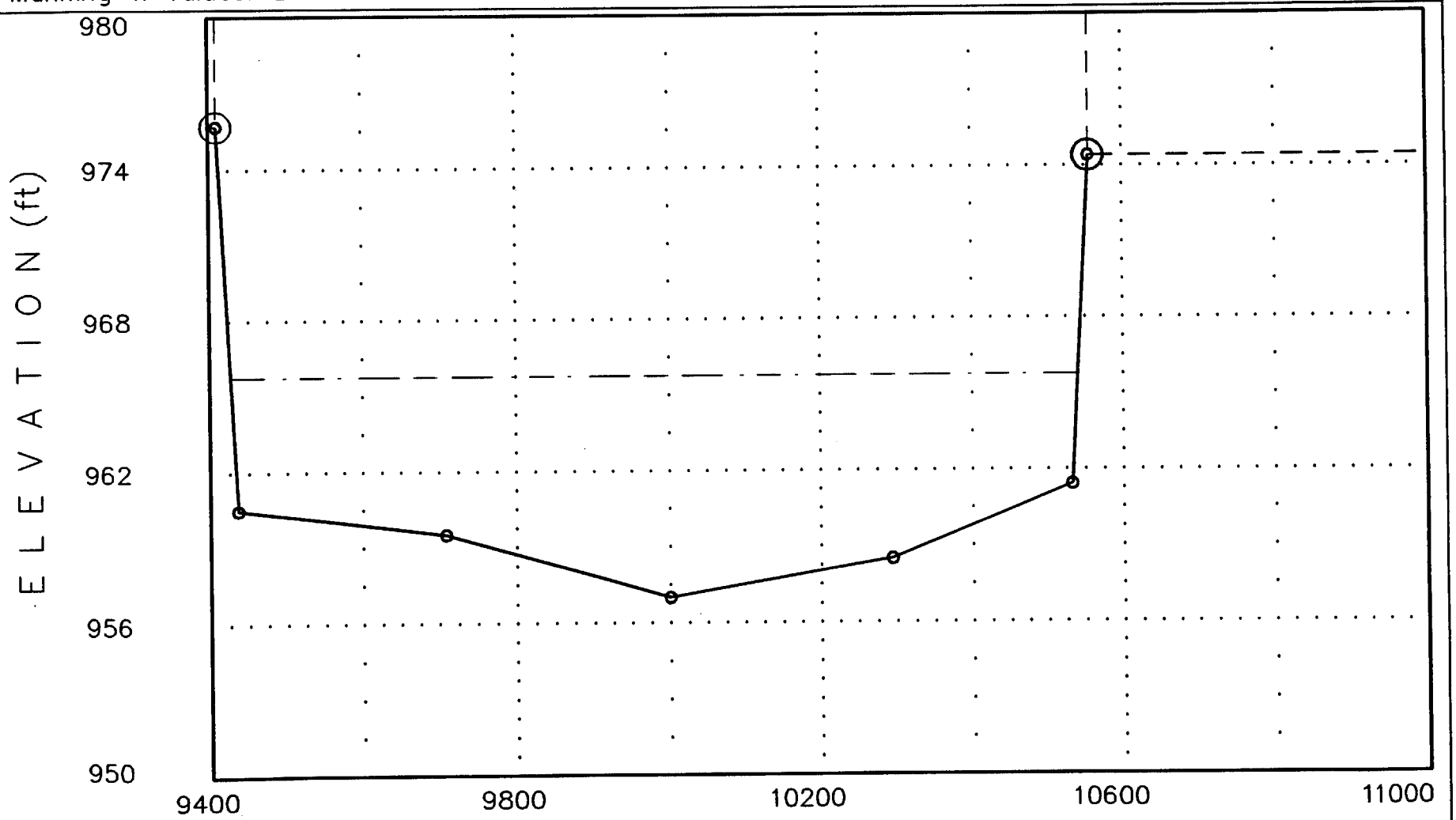
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.26: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 965.75
Q2= 52000cfs WS2= 965.75

Manning-n Values: LOB: 0 CH: .03 ROB: 0



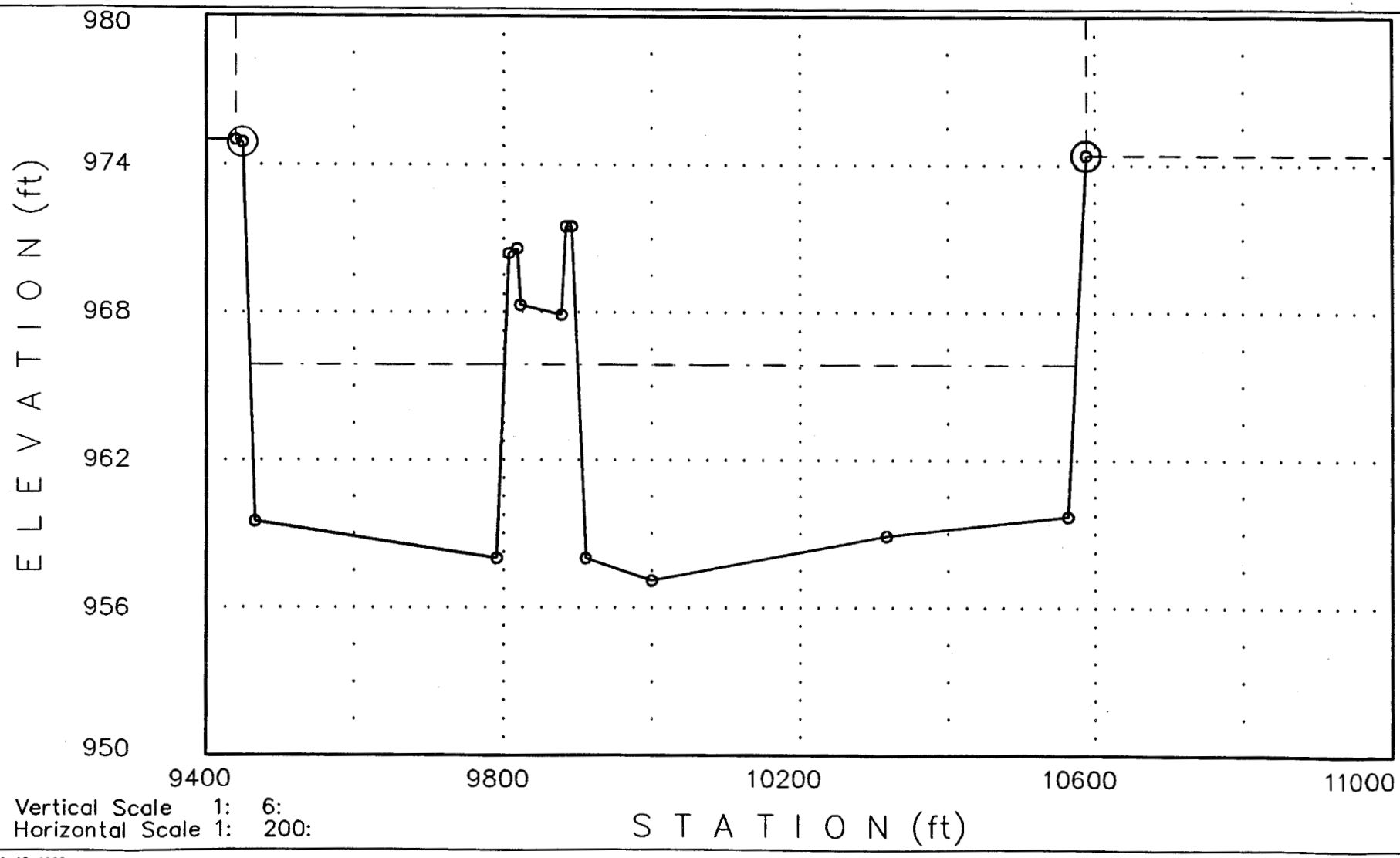
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.27: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 965.88
Q2= 52000cfs WS2= 965.88

Manning-n Values: LOB: 0 CH: .03 ROB: 0



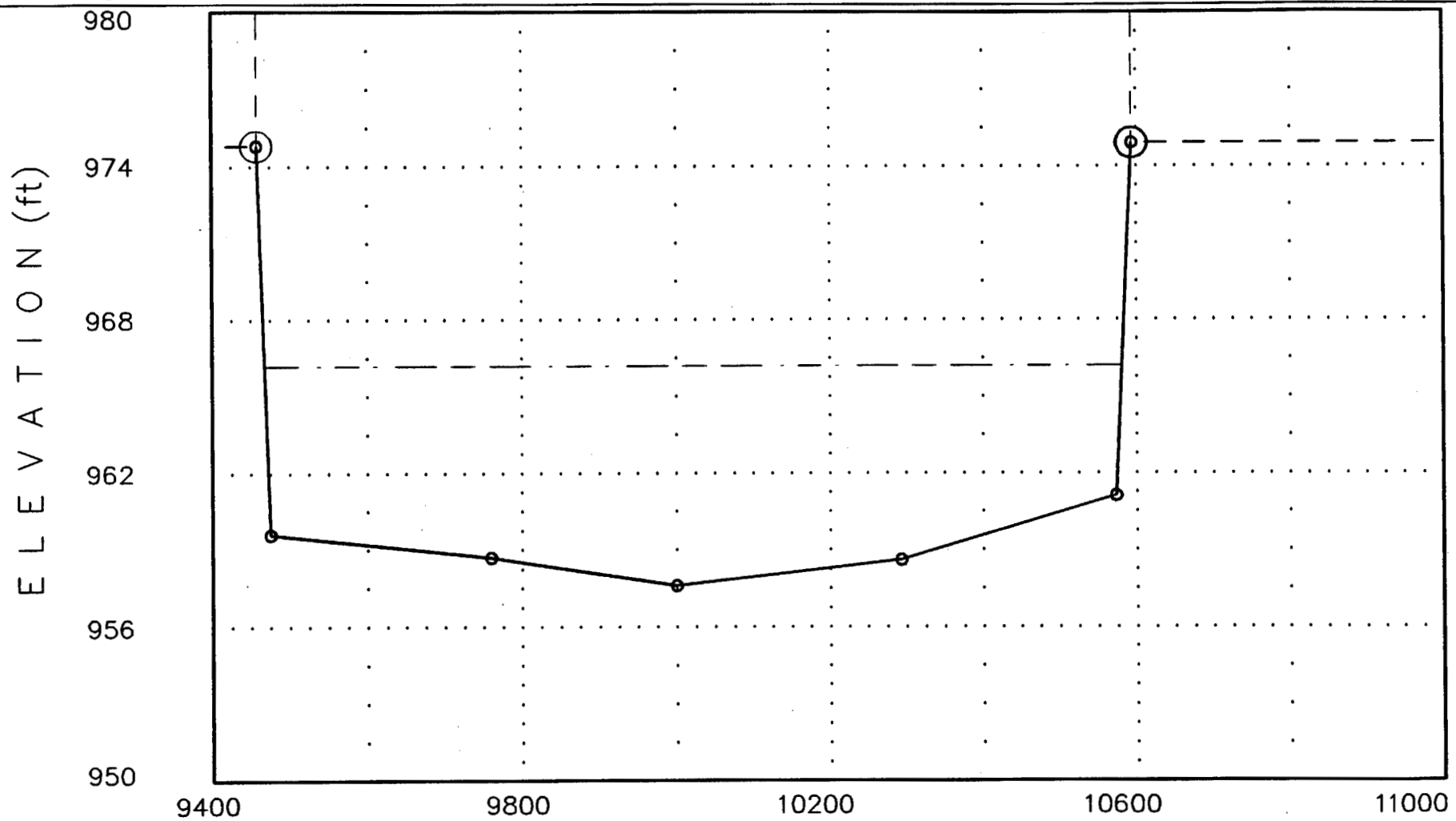
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.3: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 966.19
Q2= 52000cfs WS2= 966.19

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

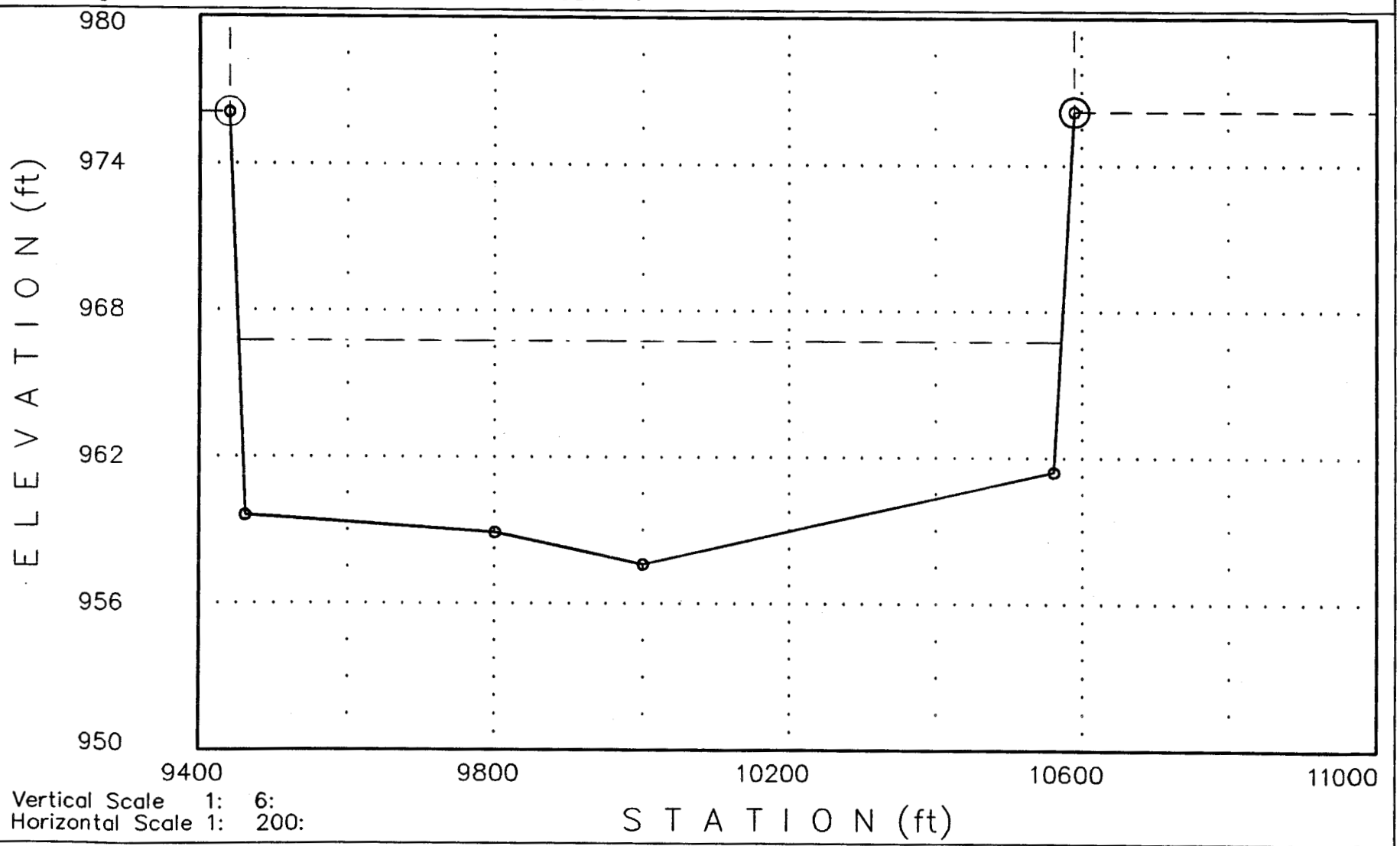
09-15-1996

<<<<<< Cross Section: 4.39: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 966.77

Q2= 52000cfs WS2= 966.77

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

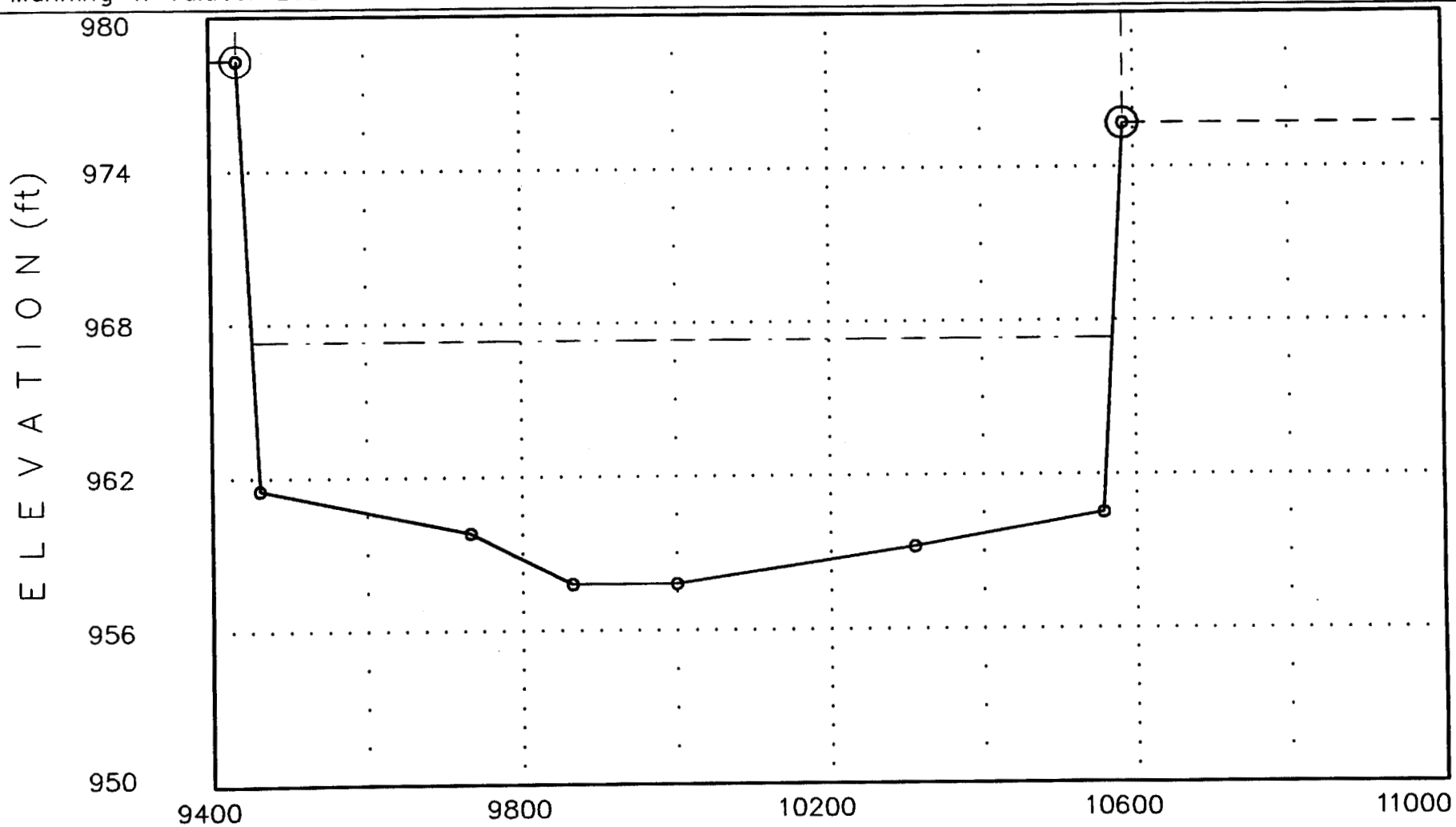
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.48: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 967.33
Q2= 52000cfs WS2= 967.33

Manning-n Values: LOB: 0 CH: .03 ROB: 0



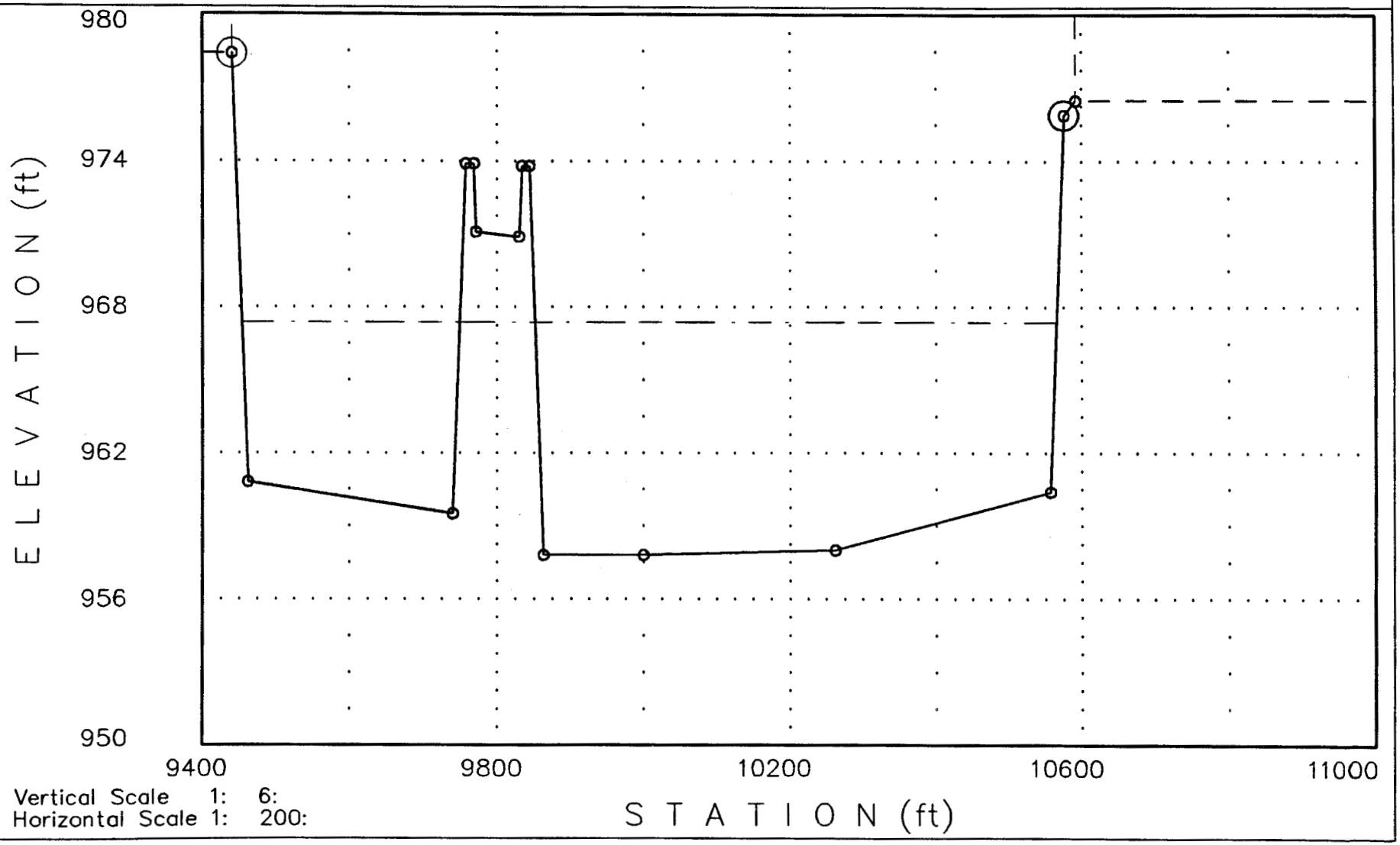
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.5: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 967.38
Q2= 52000cfs WS2= 967.38

Manning-n Values: LOB: 0 CH: .03 ROB: 0



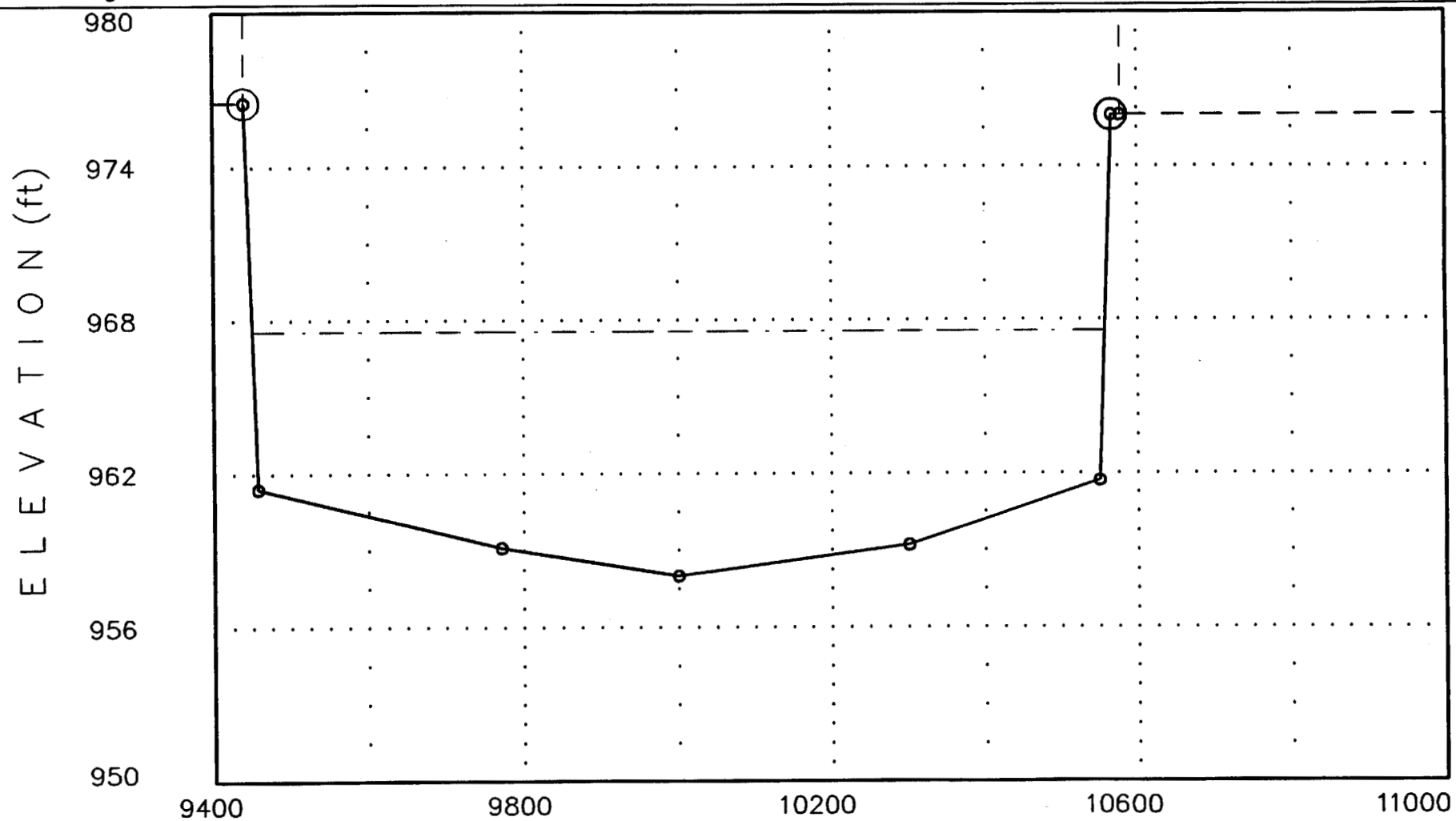
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.52: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 967.57
Q2= 52000cfs WS2= 967.57

Manning-n Values: LOB: 0 CH: .03 ROB: 0



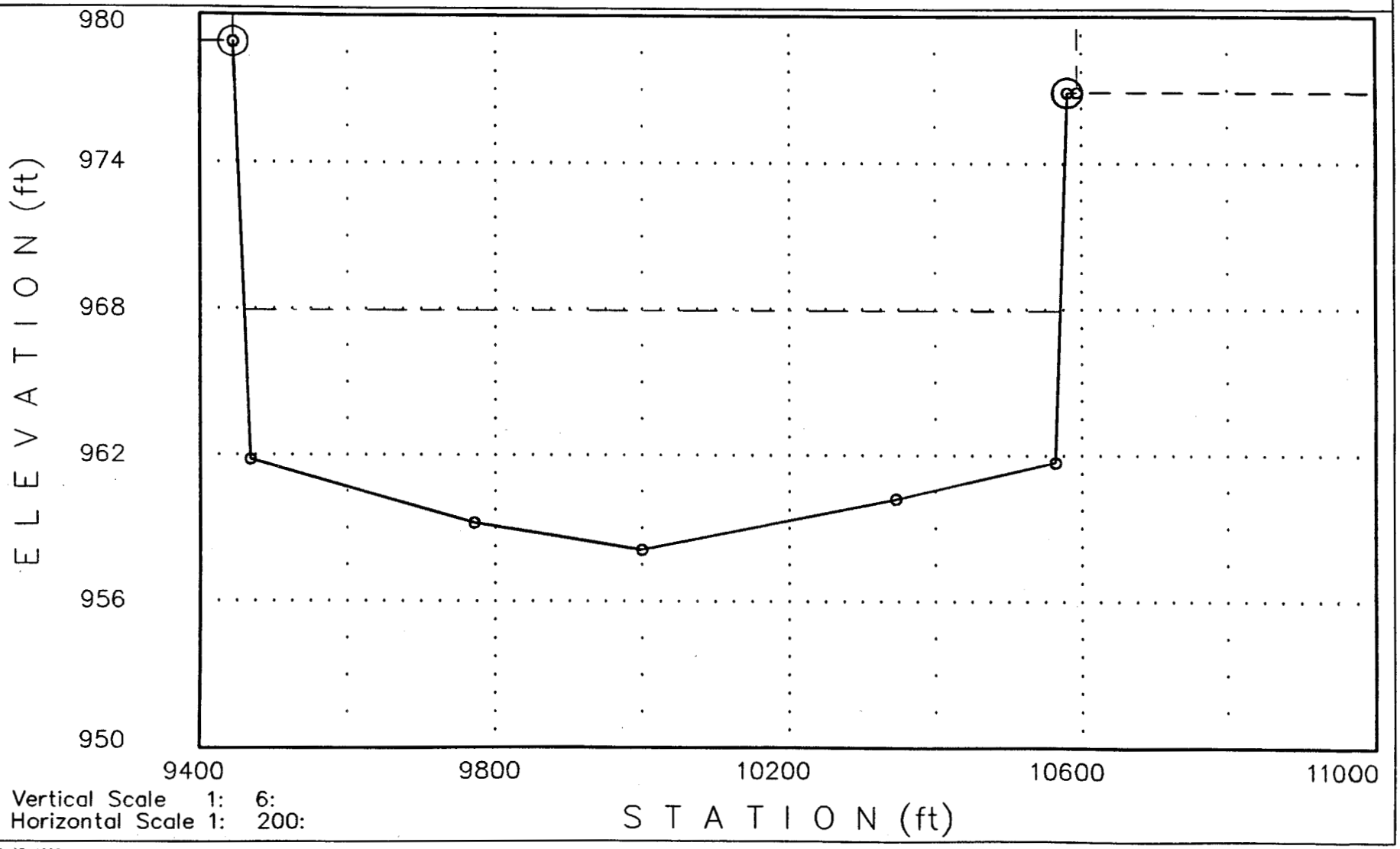
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.6: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 967.95
Q2= 52000cfs WS2= 967.95

Manning-n Values: LOB: 0 CH: .03 ROB: 0



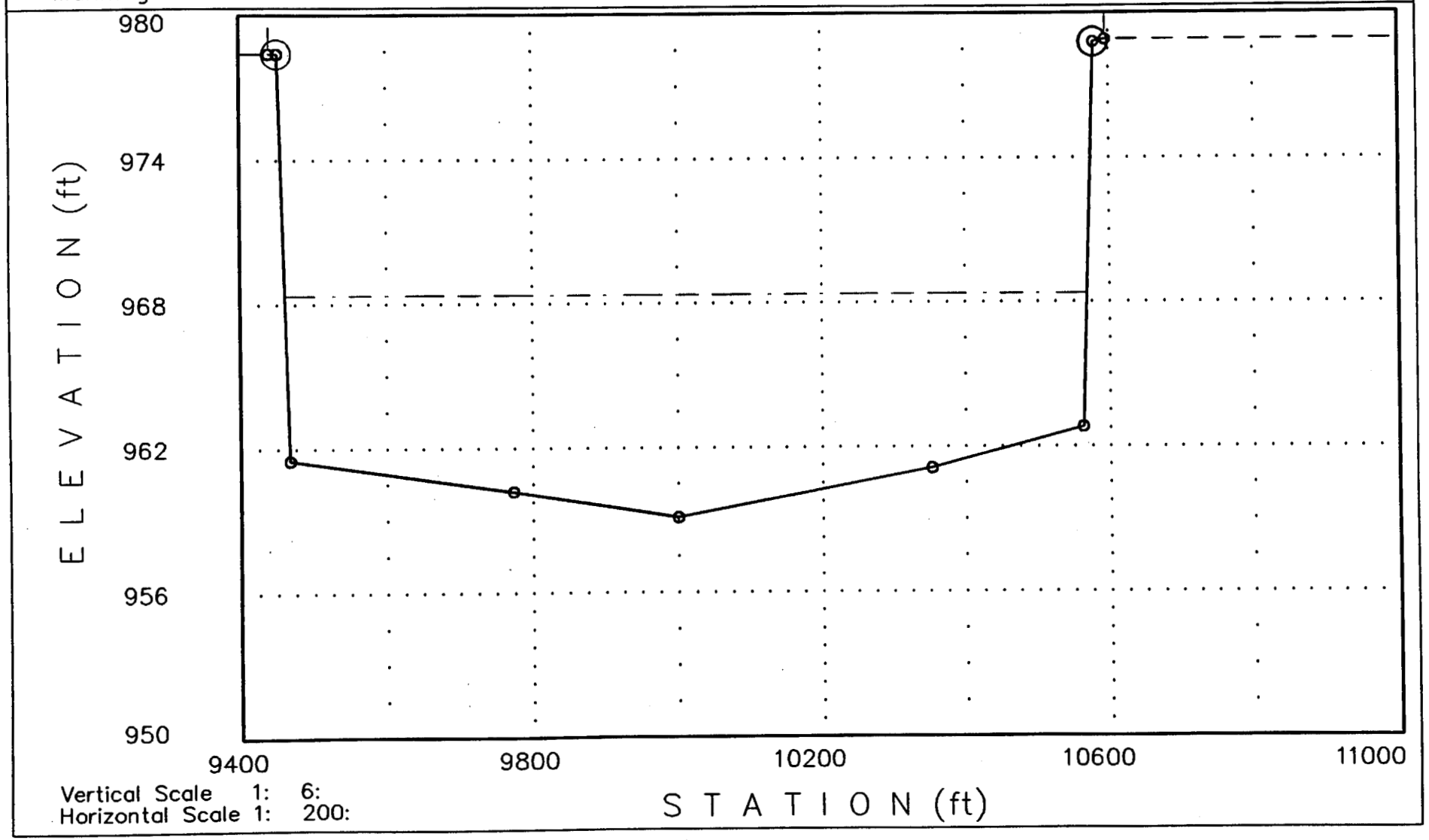
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.7: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 968.36
Q2= 52000cfs WS2= 968.36

Manning-n Values: LOB: 0 CH: .03 ROB: 0



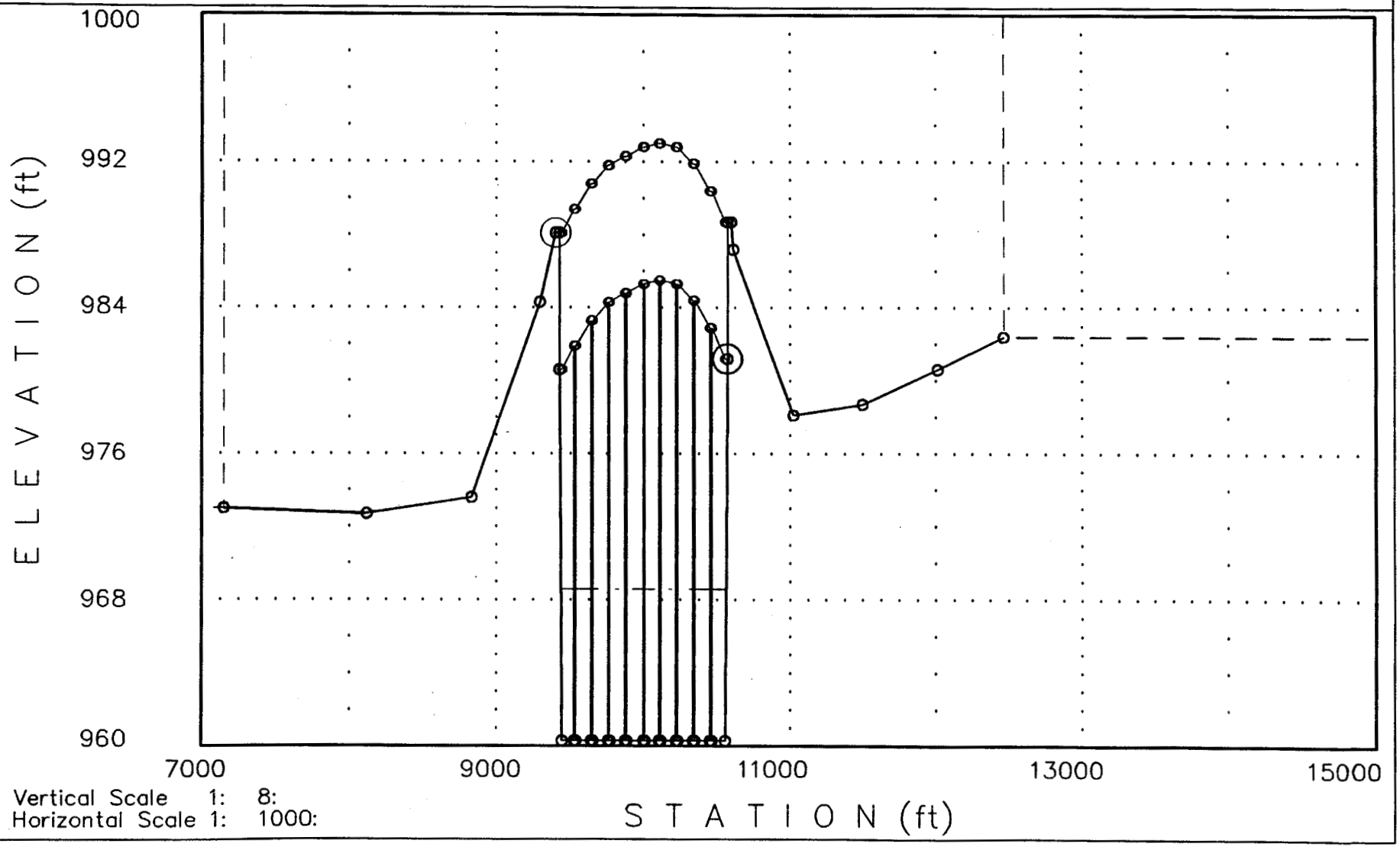
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.754: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 968.58
Q2= 52000cfs WS2= 968.58

Manning-n Values: LOB: 0 CH: .03 ROB: 0



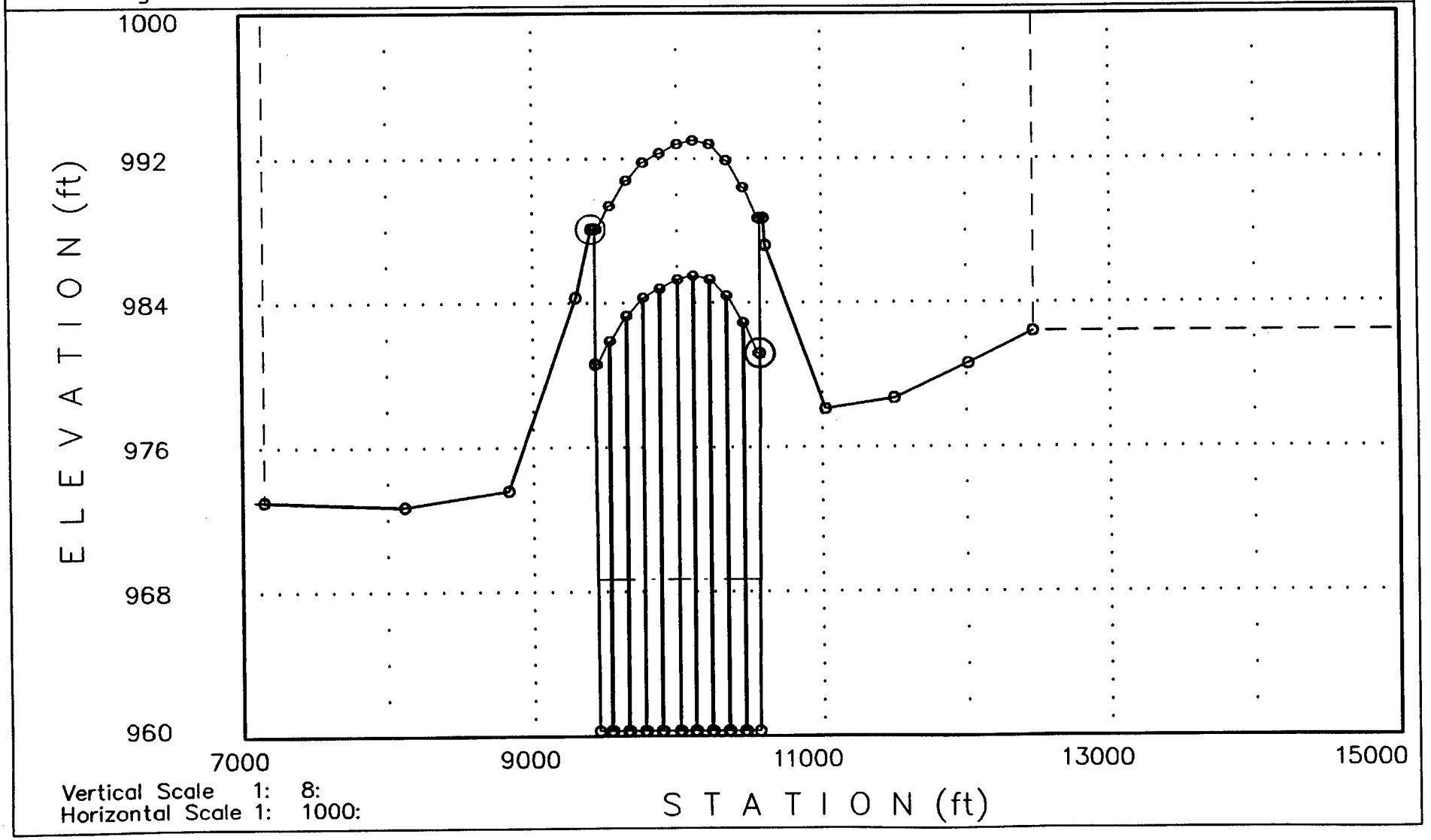
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 4.759: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 968.69
Q2= 52000cfs WS2= 968.69

Manning-n Values: LOB: 0 CH: .03 ROB: 0



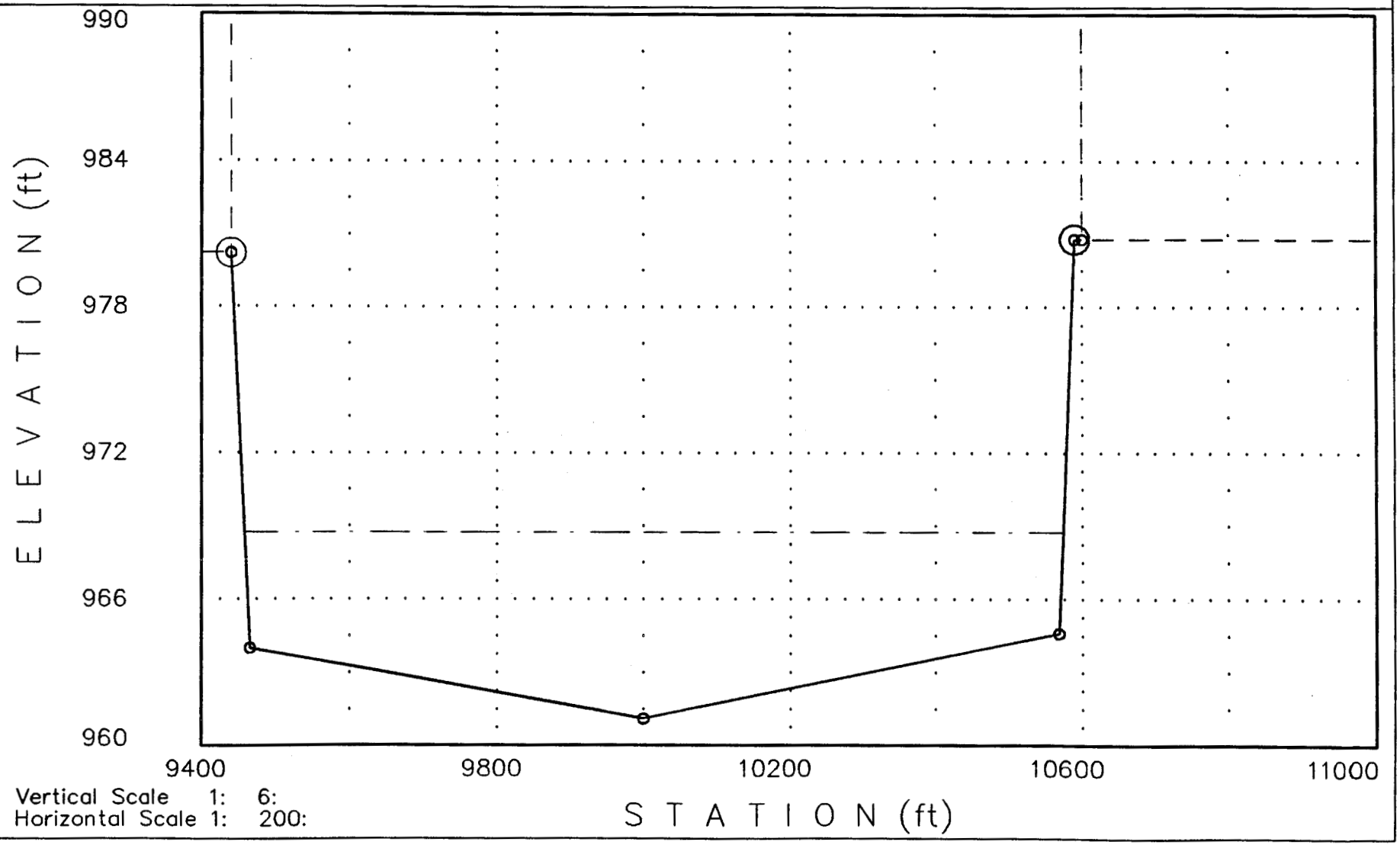
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 4.79: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 968.75
Q2= 52000cfs WS2= 968.75

Manning-n Values: LOB: 0 CH: .03 ROB: 0



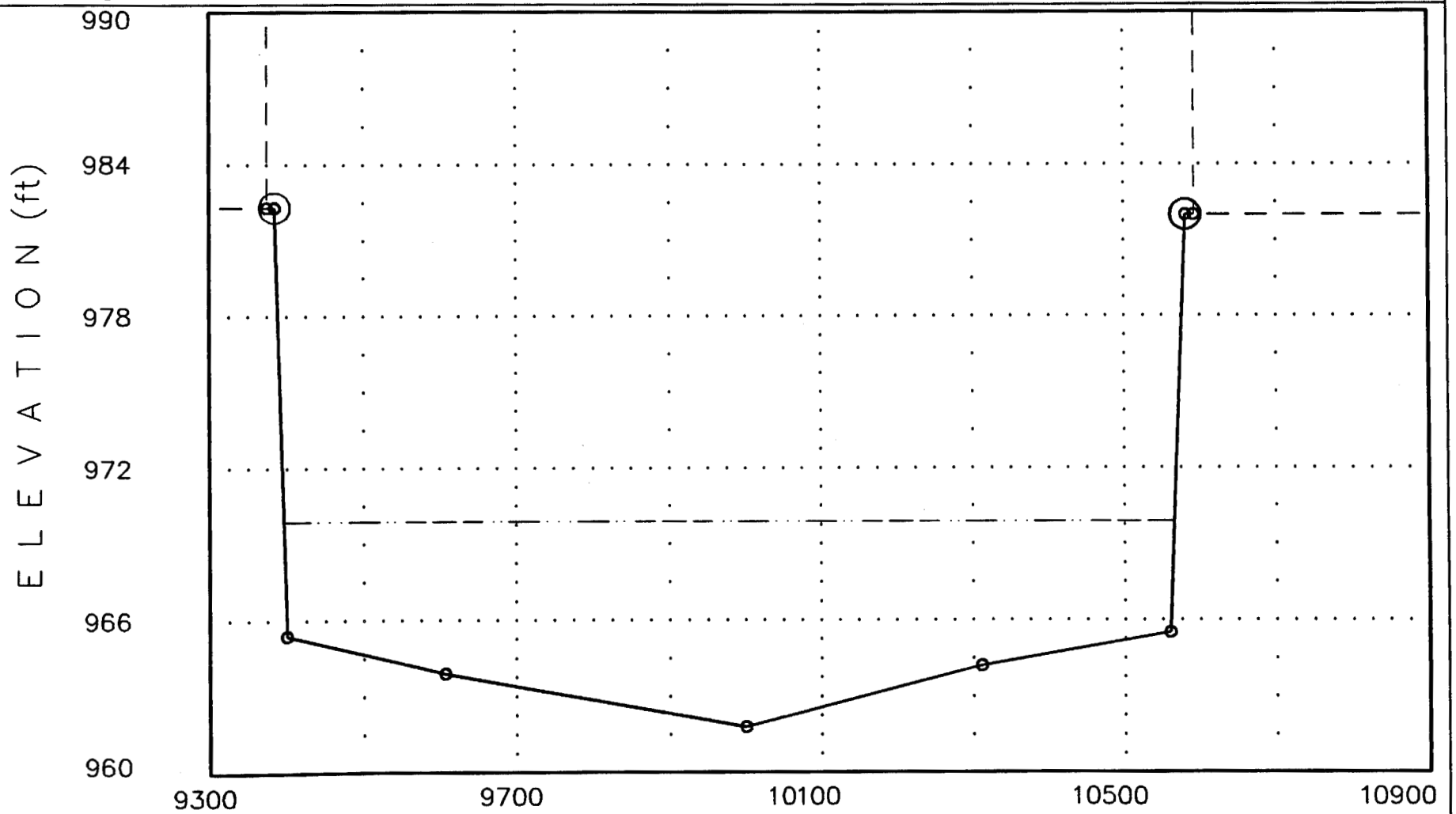
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.89: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 969.89
Q2= 52000cfs WS2= 969.89

Manning-n Values: LOB: 0 CH: .03 ROB: 0



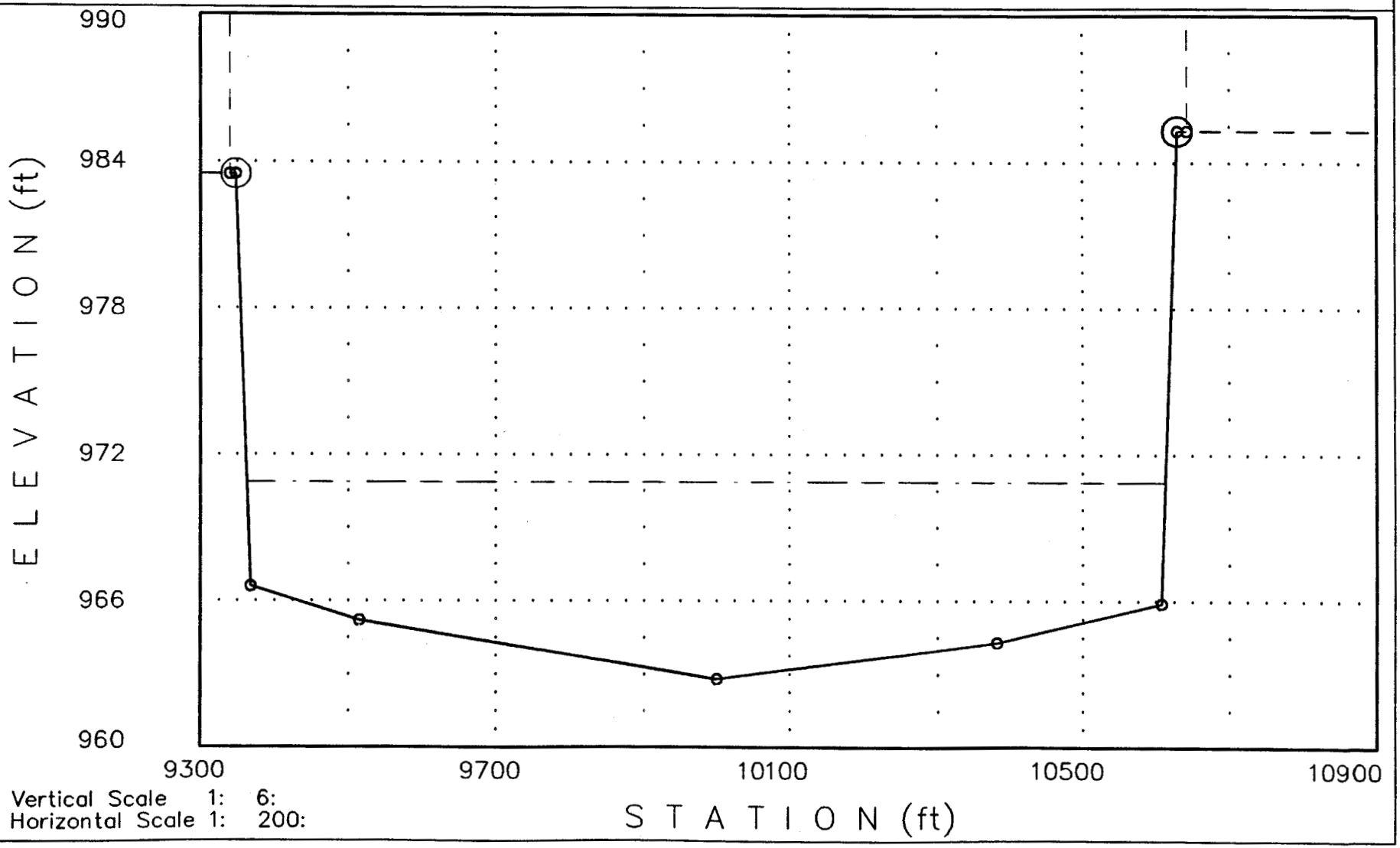
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 4.98: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 970.88
Q2= 52000cfs WS2= 970.88

Manning-n Values: LOB: 0 CH: .03 ROB: 0



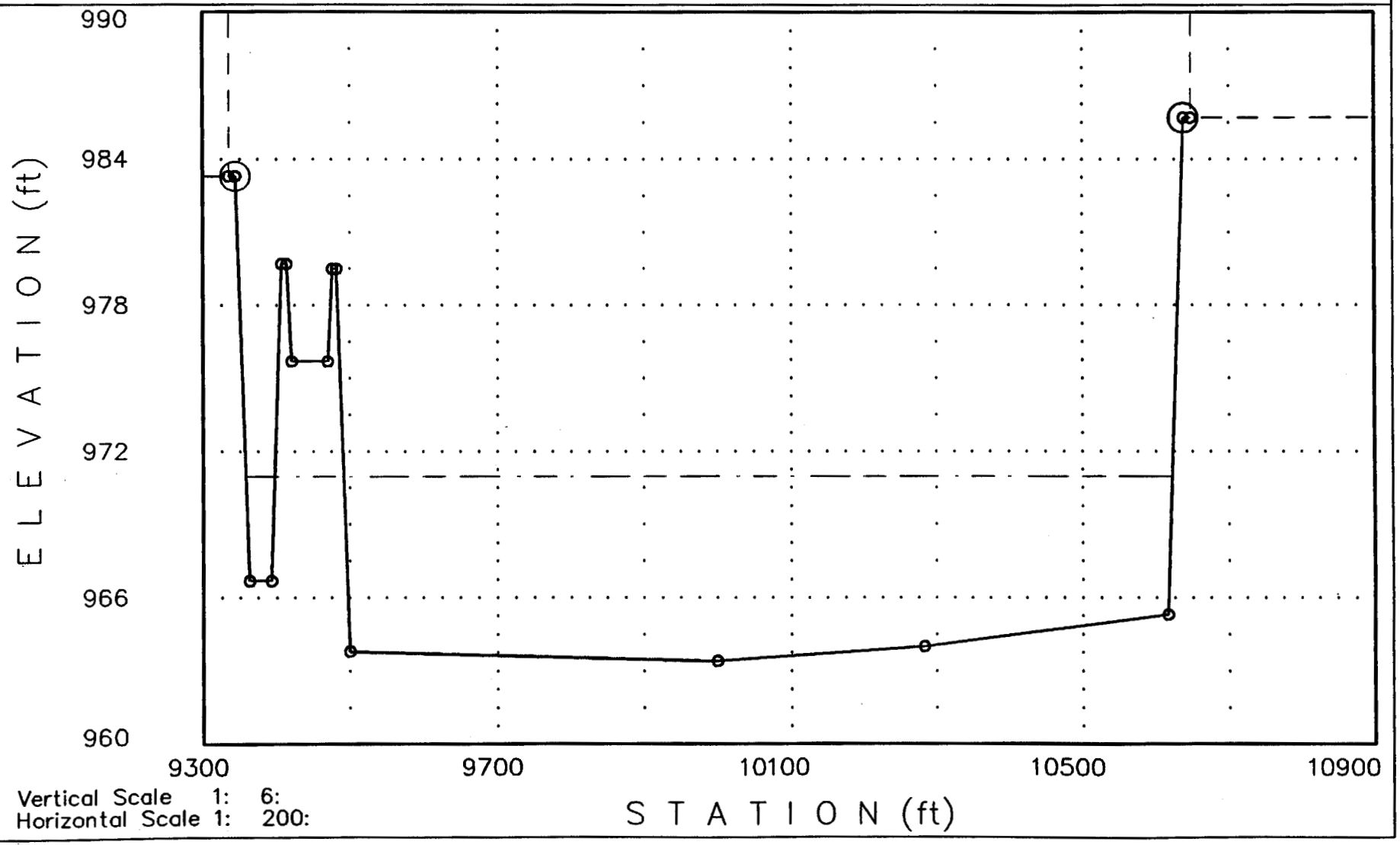
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 970.98
Q2= 52000cfs WS2= 970.98

Manning-n Values: LOB: 0 CH: .03 ROB: 0



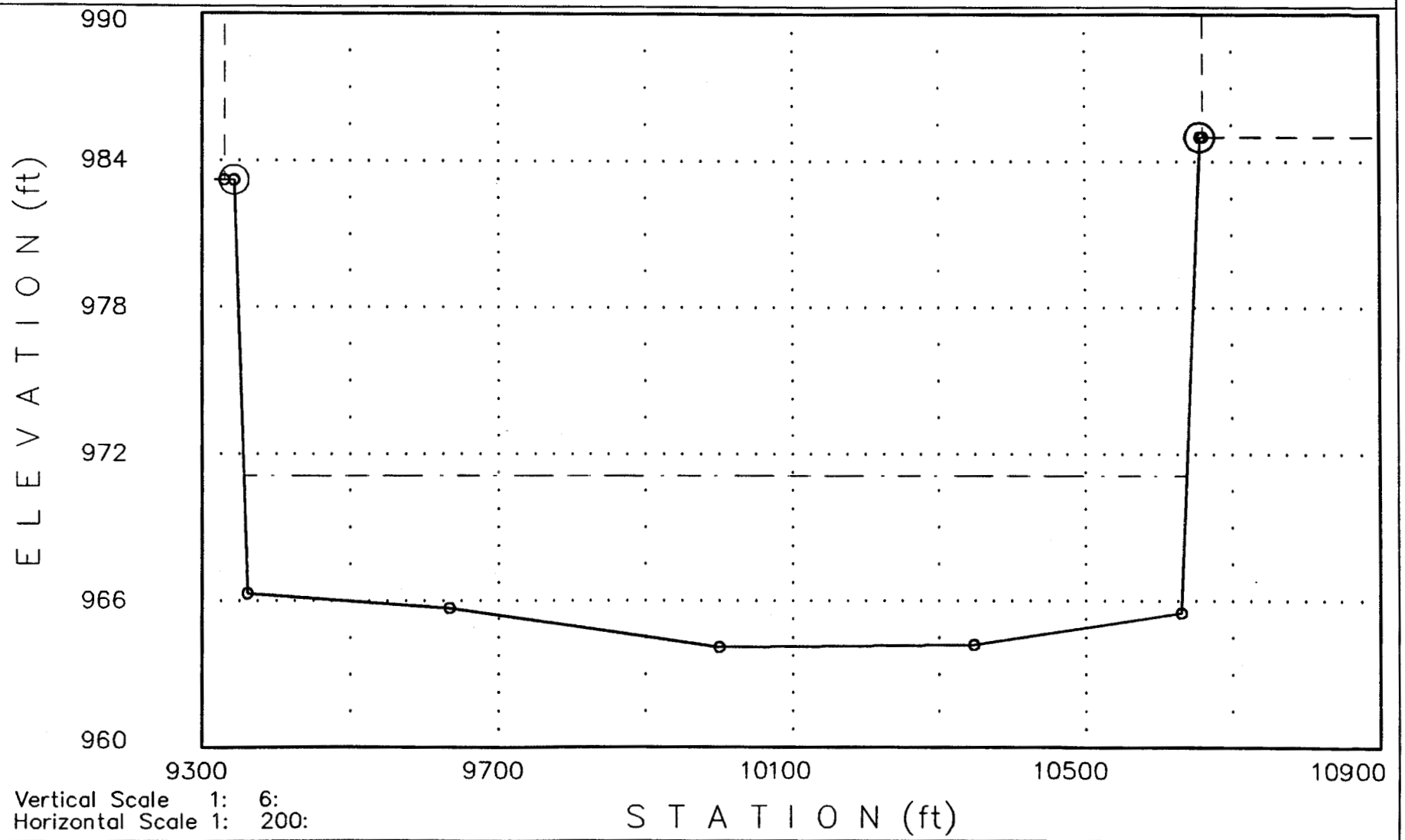
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.02: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 971.1
Q2= 52000cfs WS2= 971.1

Manning-n Values: LOB: 0 CH: .03 ROB: 0



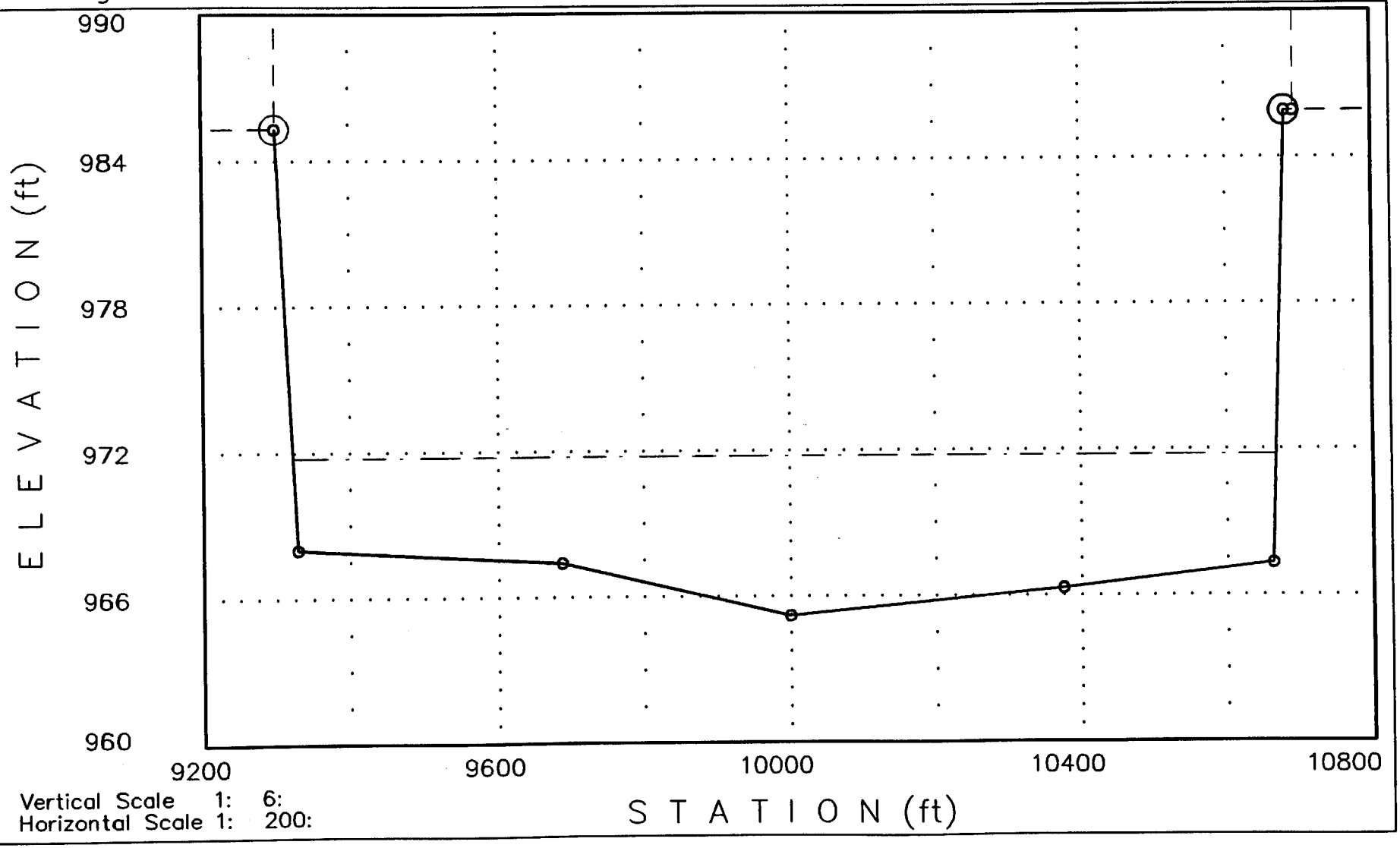
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.1: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 971.78
Q2= 52000cfs WS2= 971.78

Manning-n Values: LOB: 0 CH: .03 ROB: 0



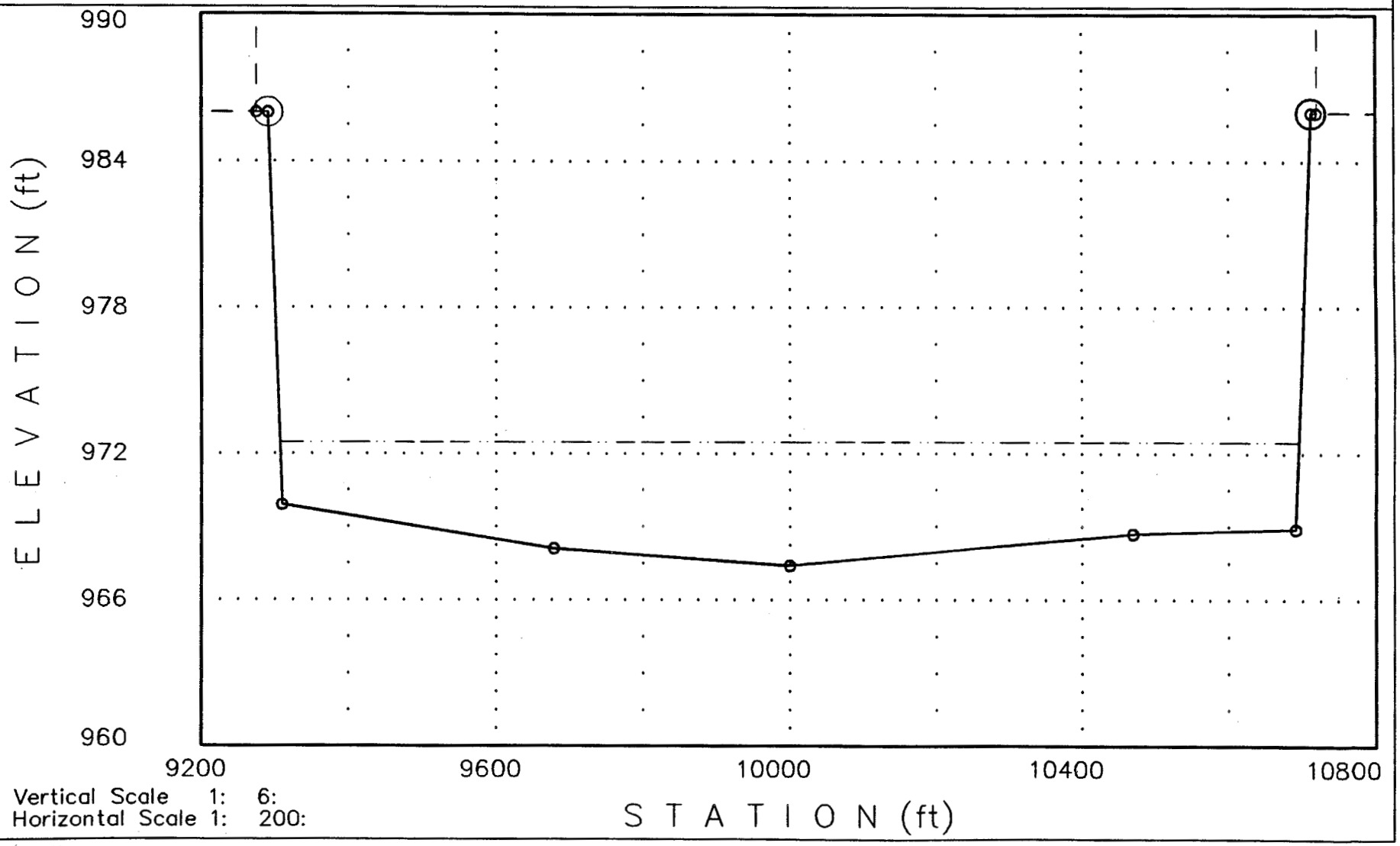
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.15: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 972.48
Q2= 52000cfs WS2= 972.48

Manning-n Values: LOB: 0 CH: .03 ROB: 0



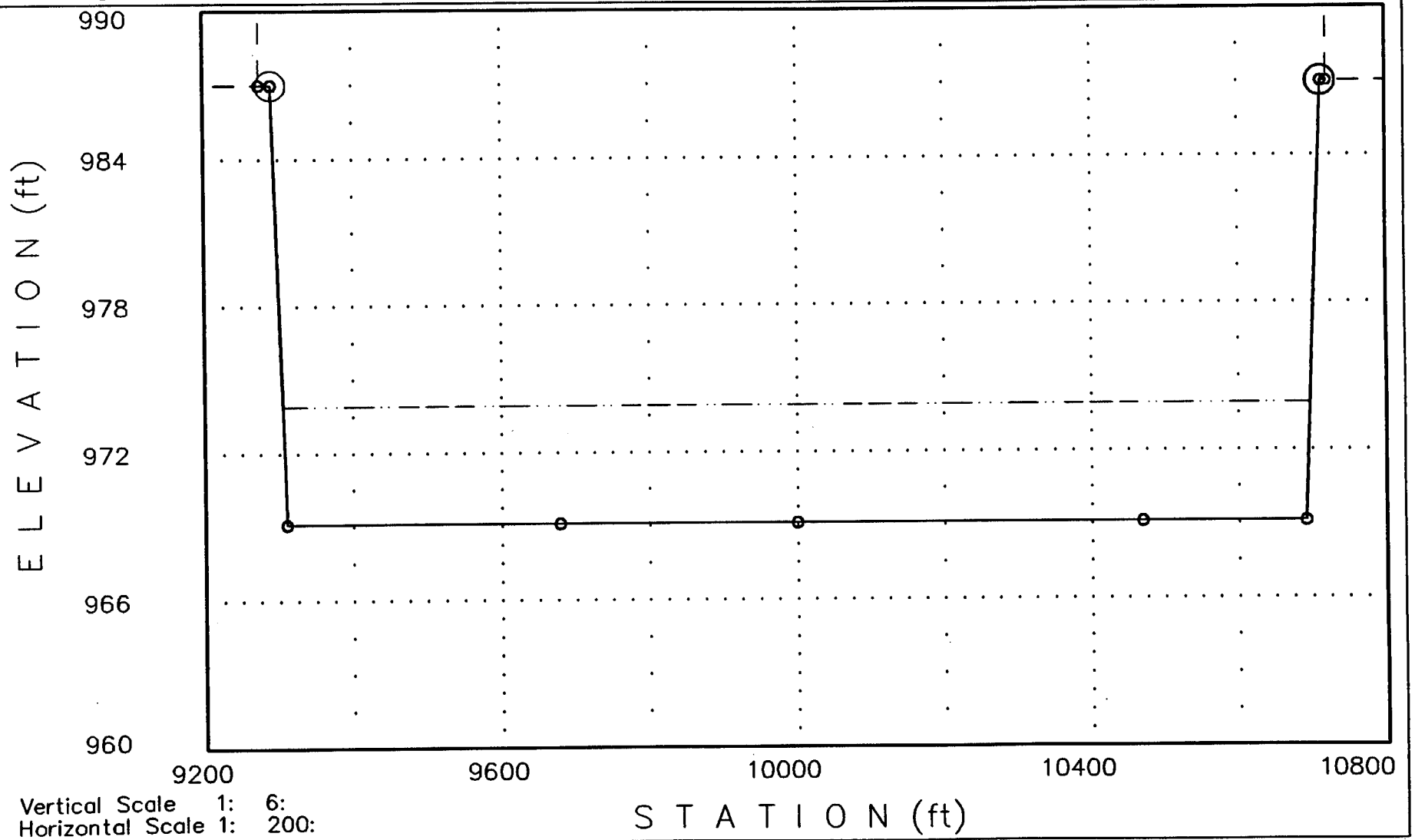
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.201: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 973.91
Q2= 52000cfs WS2= 973.91

Manning-n Values: LOB: 0 CH: .03 ROB: 0



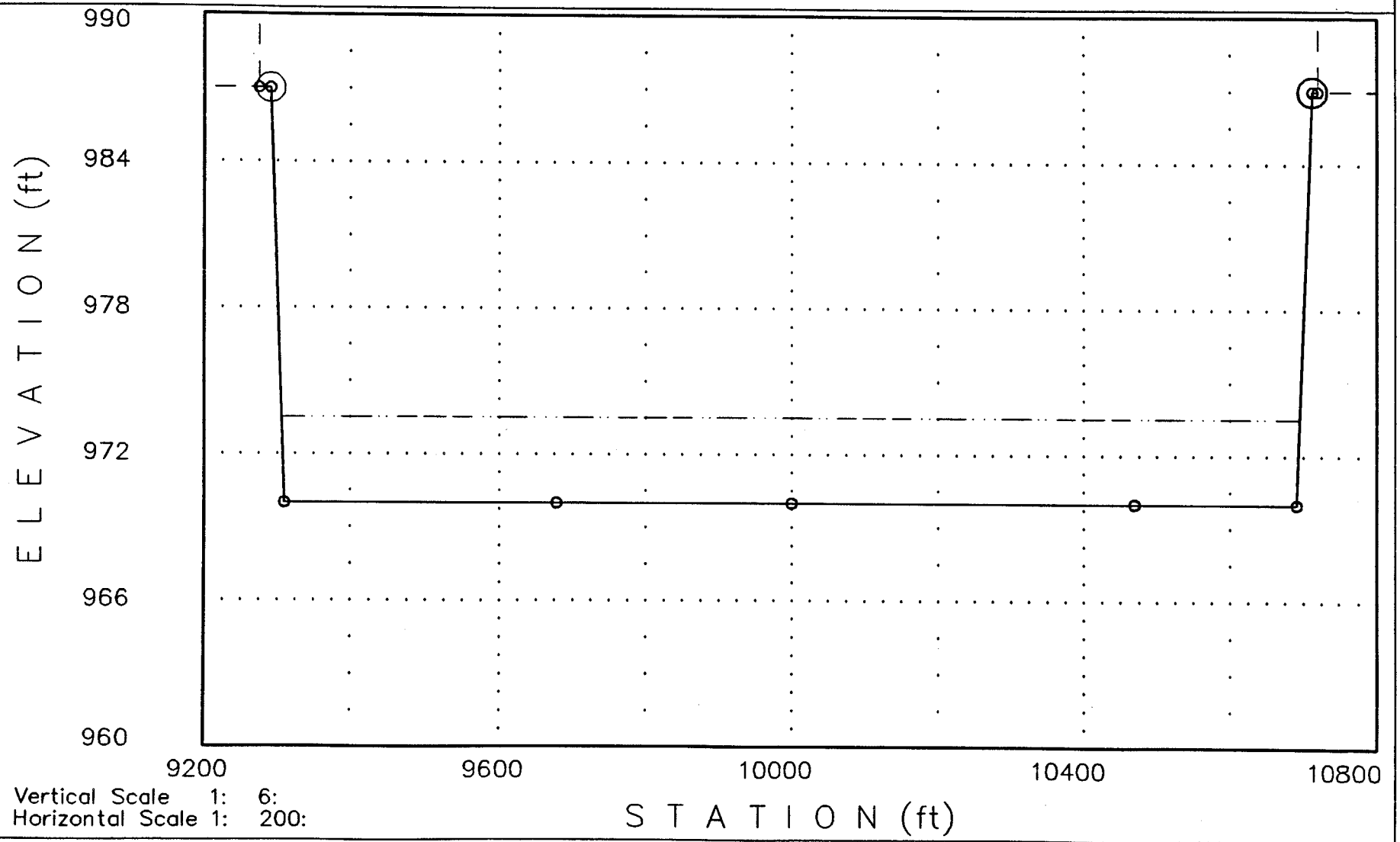
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.203: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 973.52
Q2= 52000cfs WS2= 973.52

Manning-n Values: LOB: 0 CH: .03 ROB: 0



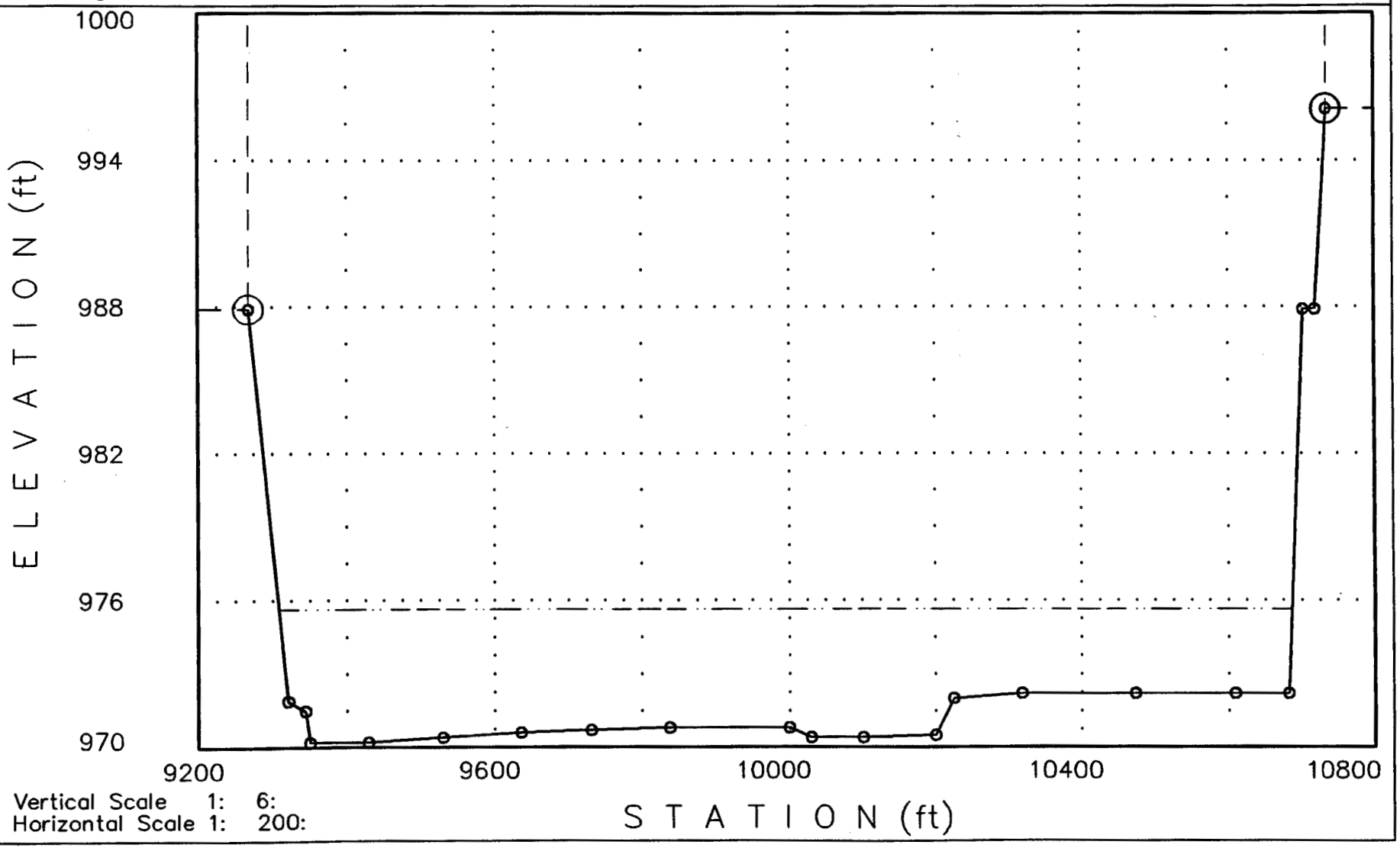
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.25: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 975.63
Q2= 52000cfs WS2= 975.63

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

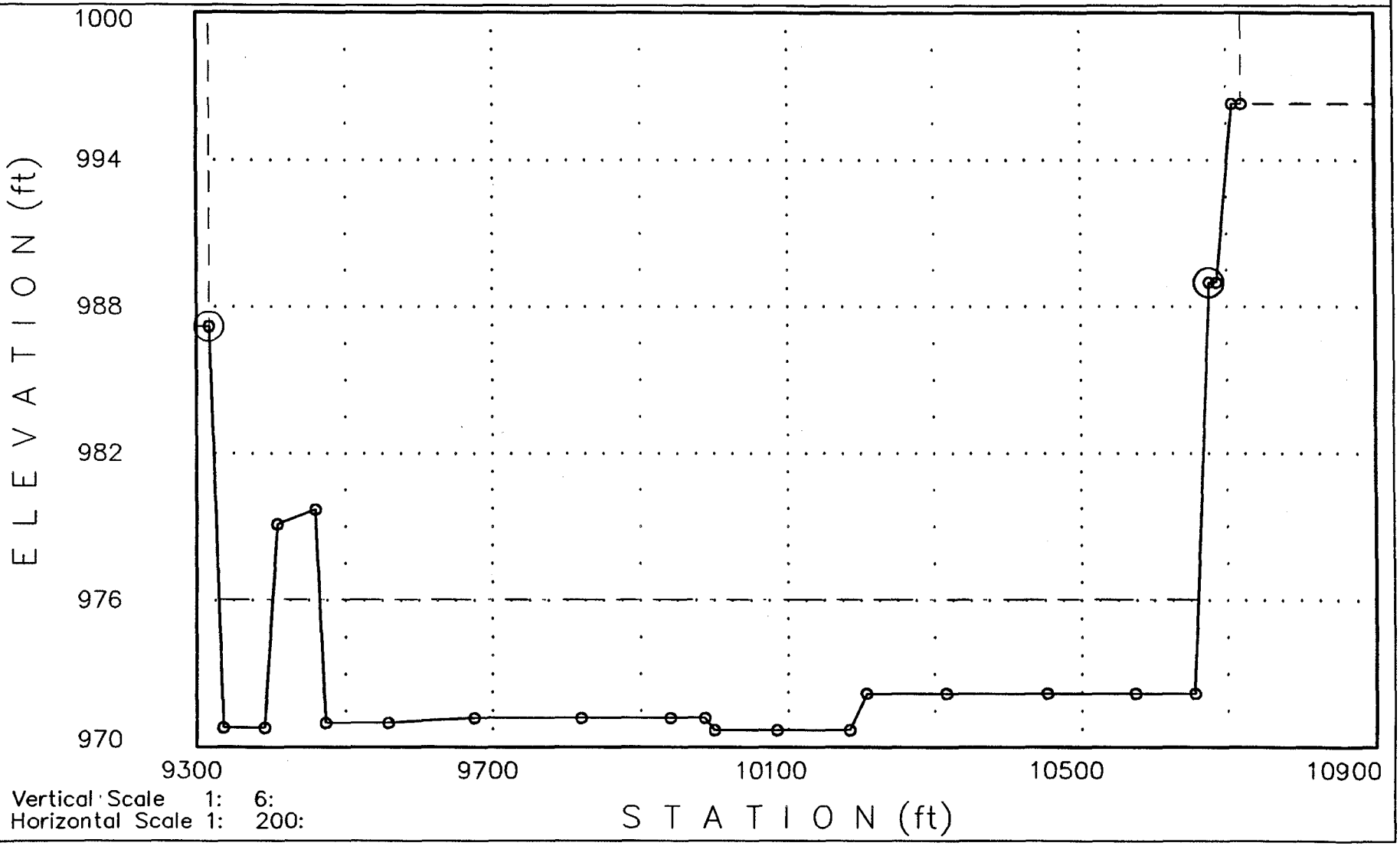
09-15-1996

<<<<<< Cross Section: 5.27: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 976.03

Q2= 52000cfs WS2= 976.03

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

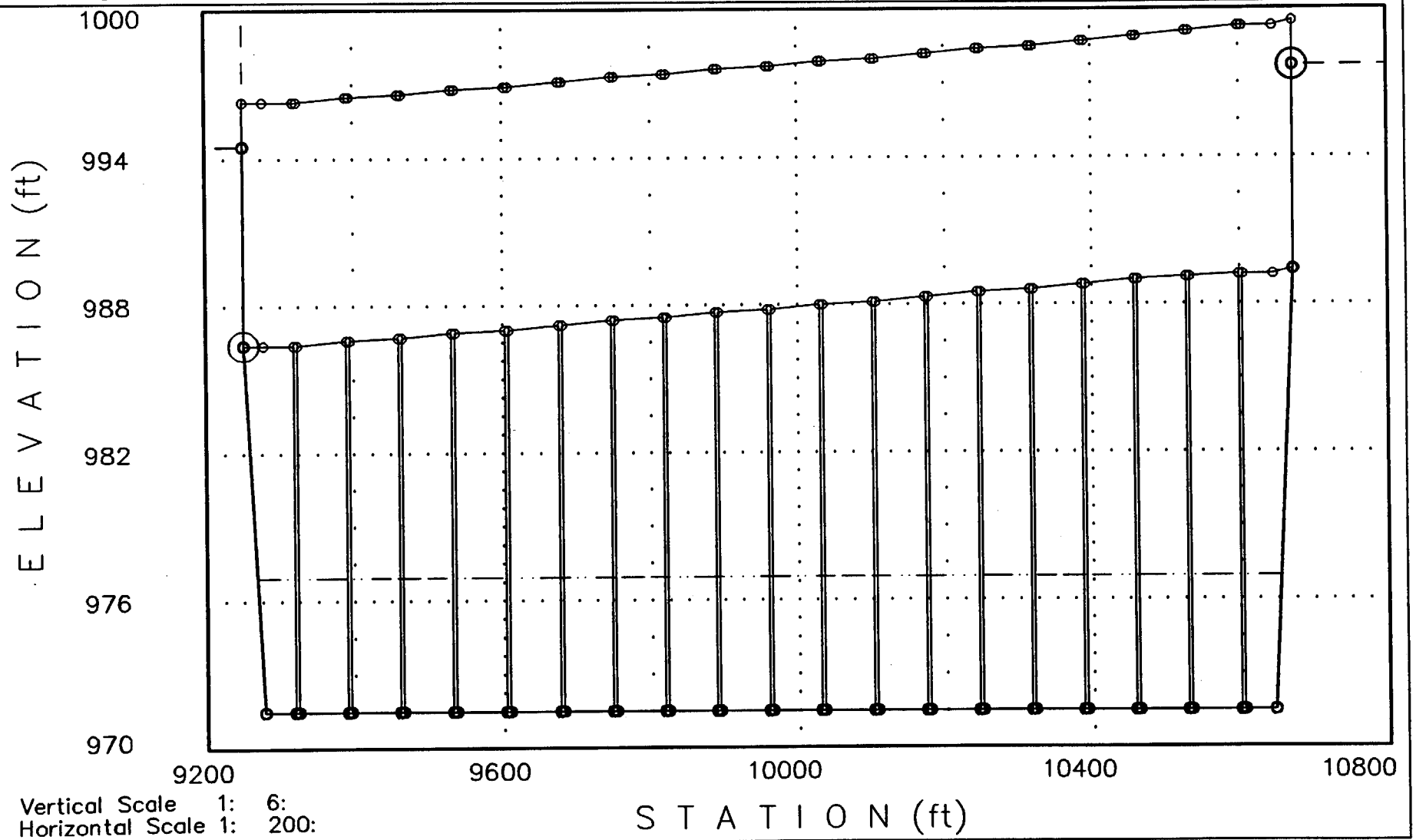
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.29: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 976.95
Q2= 52000cfs WS2= 976.95

Manning-n Values: LOB: 0 CH: .03 ROB: 0



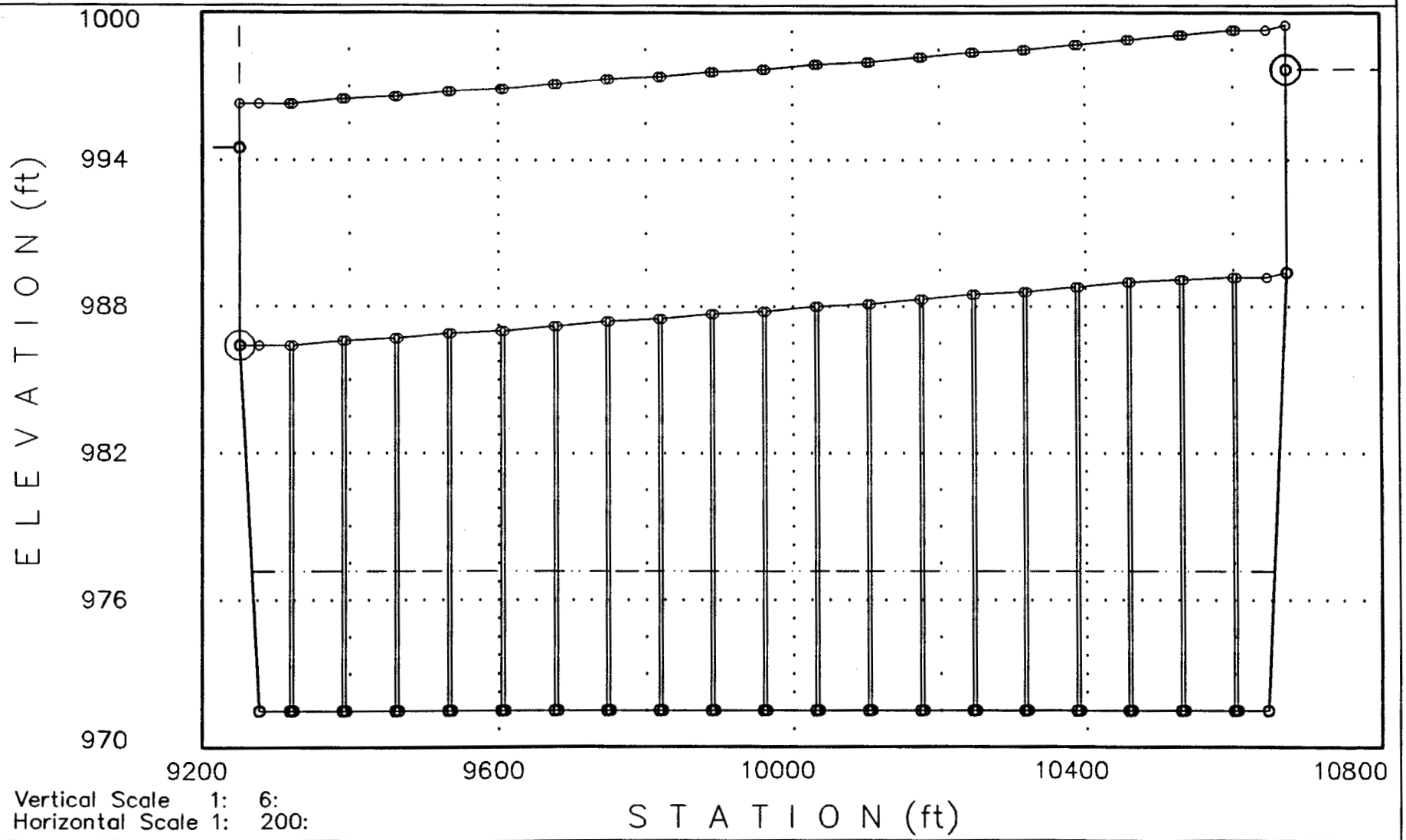
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.305: (FN = AGUAFRIA.110) >>>>>>

Q1= 52000cfs WS1= 977.18
Q2= 52000cfs WS2= 977.18

Manning-n Values: LOB: 0 CH: .03 ROB: 0



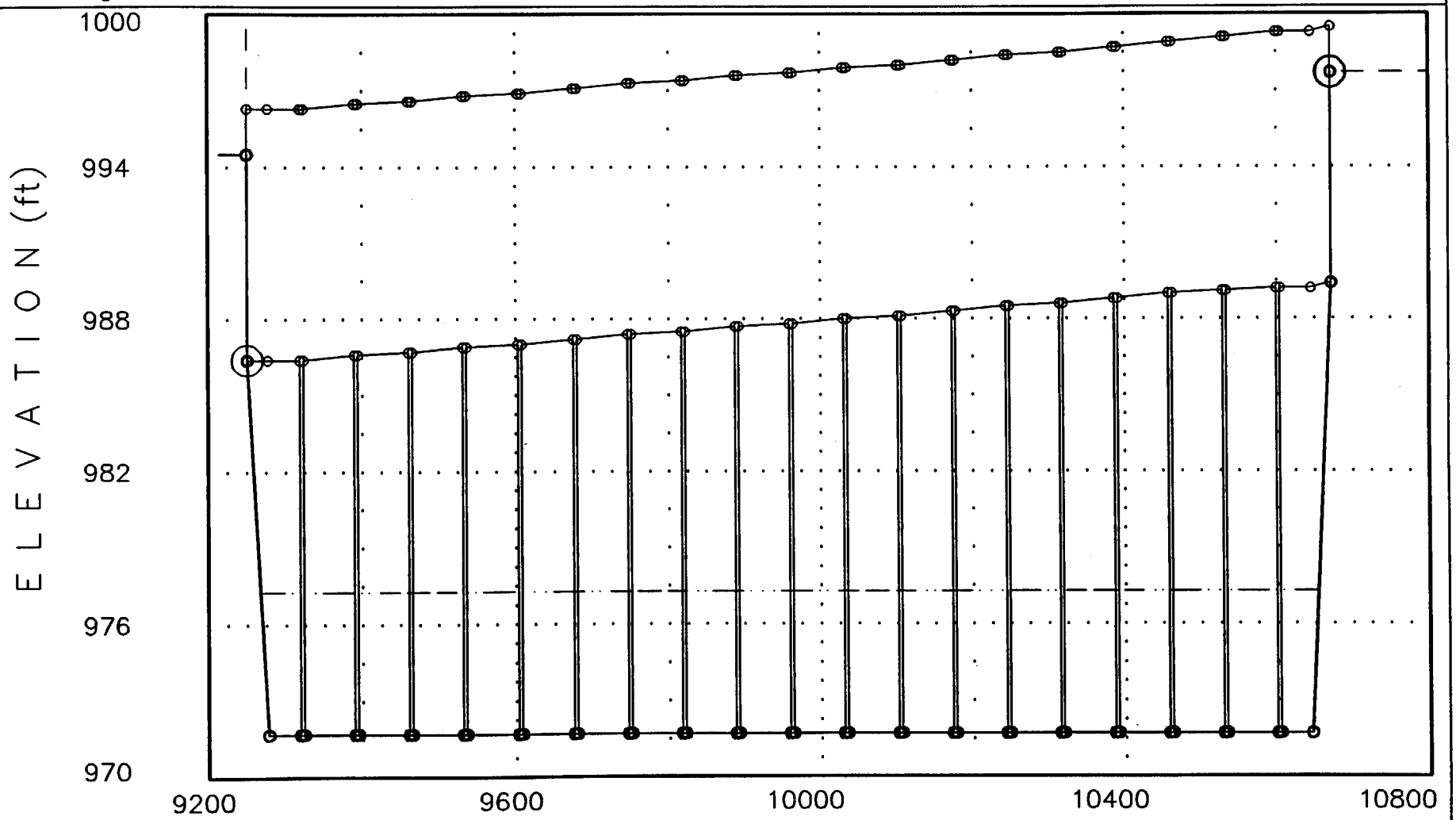
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.317: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 977.28
Q2= 54400cfs WS2= 977.28

Manning-n Values: LOB: 0 CH: .03 ROB: 0



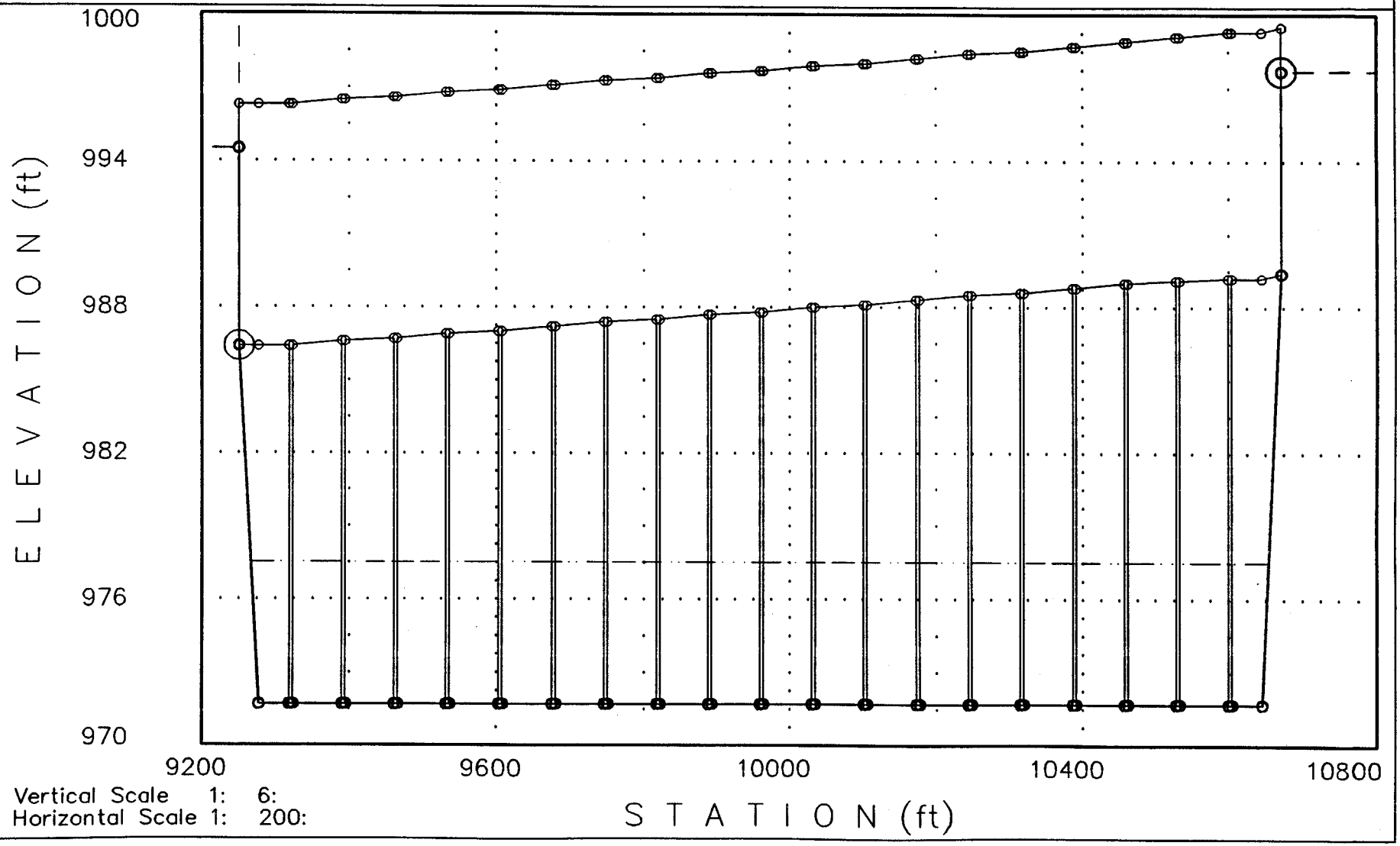
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.328: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 977.53
Q2= 54400cfs WS2= 977.53

Manning-n Values: LOB: 0 CH: .03 ROB: 0



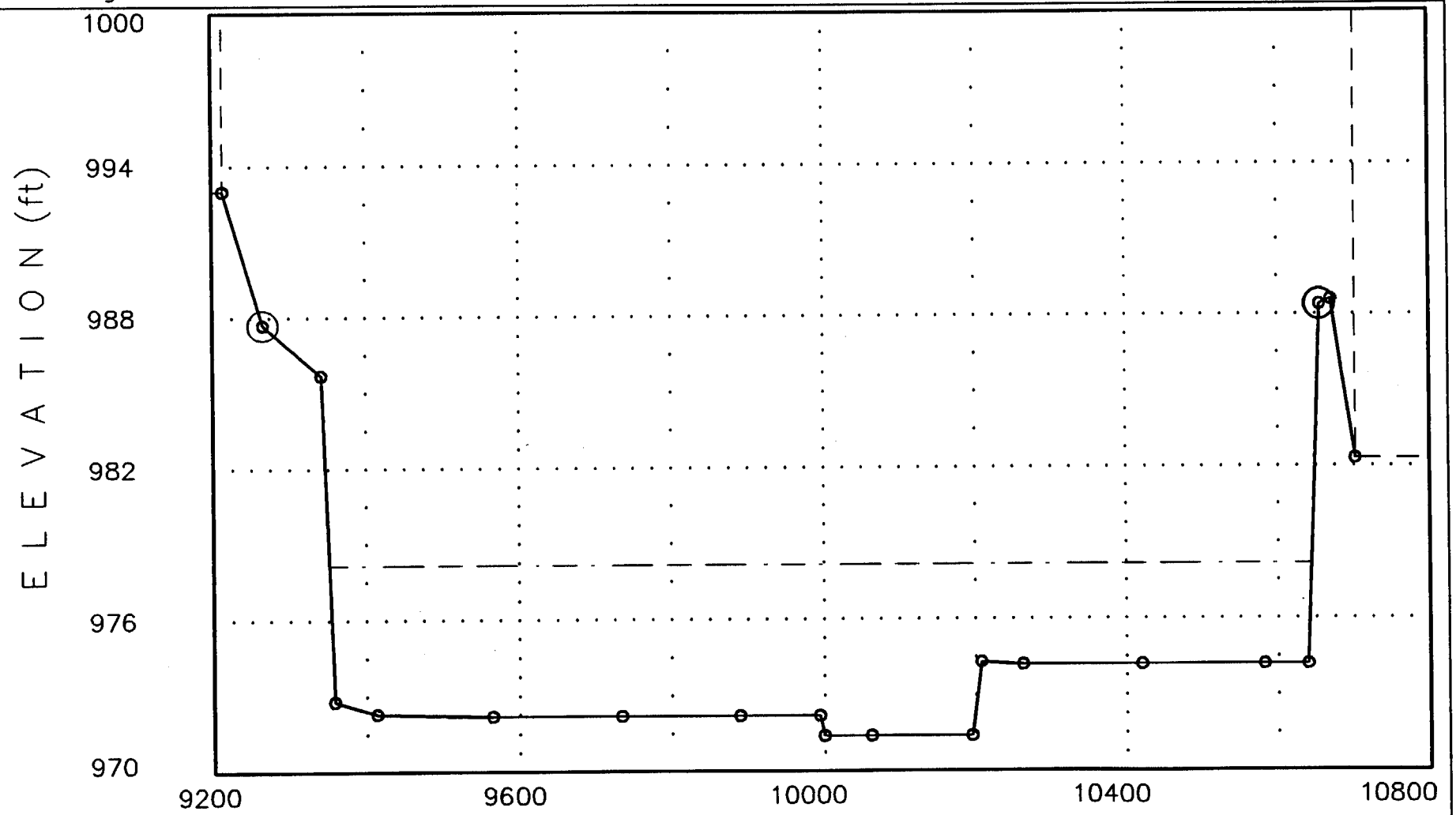
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.38: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 978.16
Q2= 54400cfs WS2= 978.16

Manning-n Values: LOB: 0 CH: .03 ROB: 0



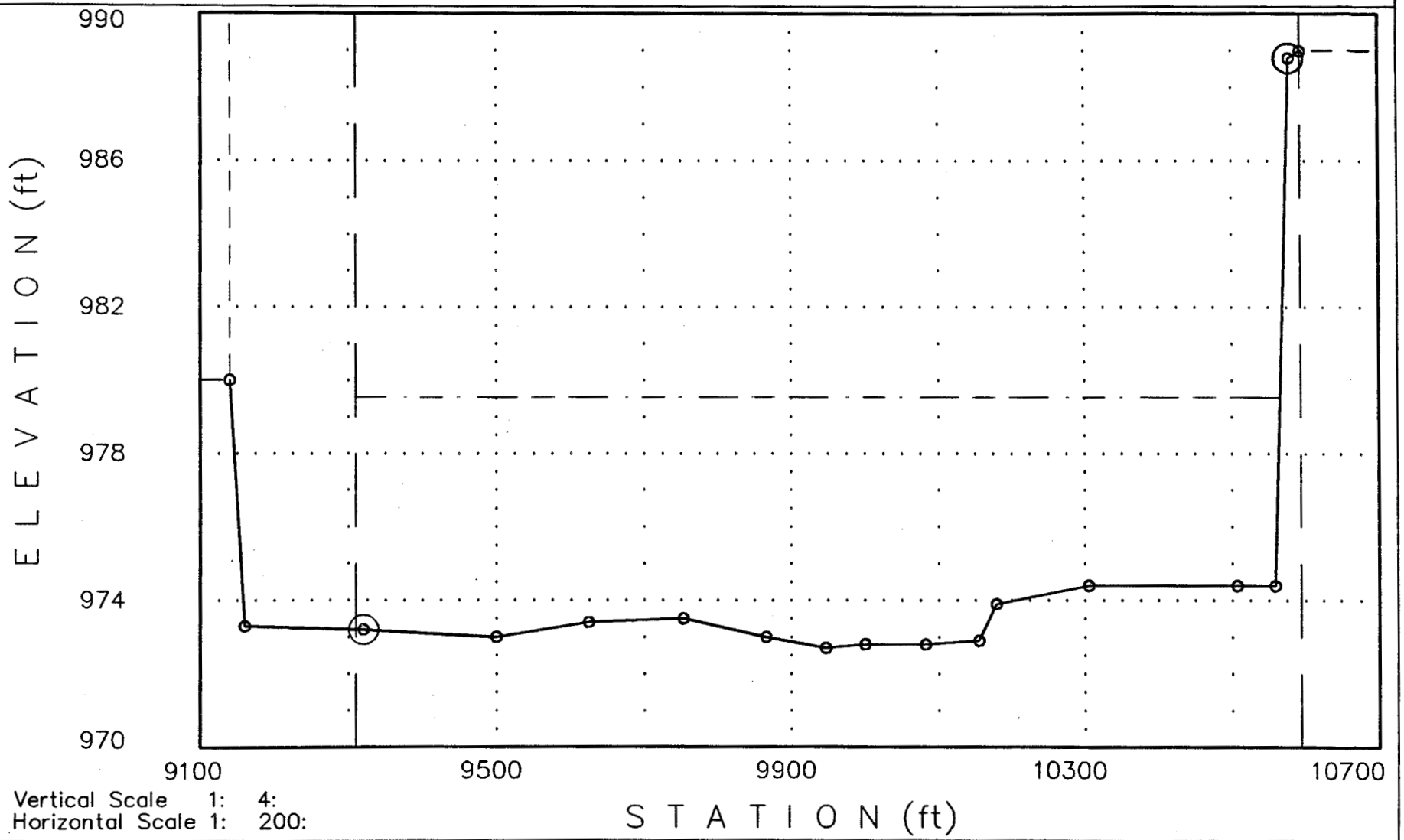
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.48: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 979.55
Q2= 54400cfs WS2= 979.55

Manning-n Values: LOB: .04 CH: .03 ROB: 0



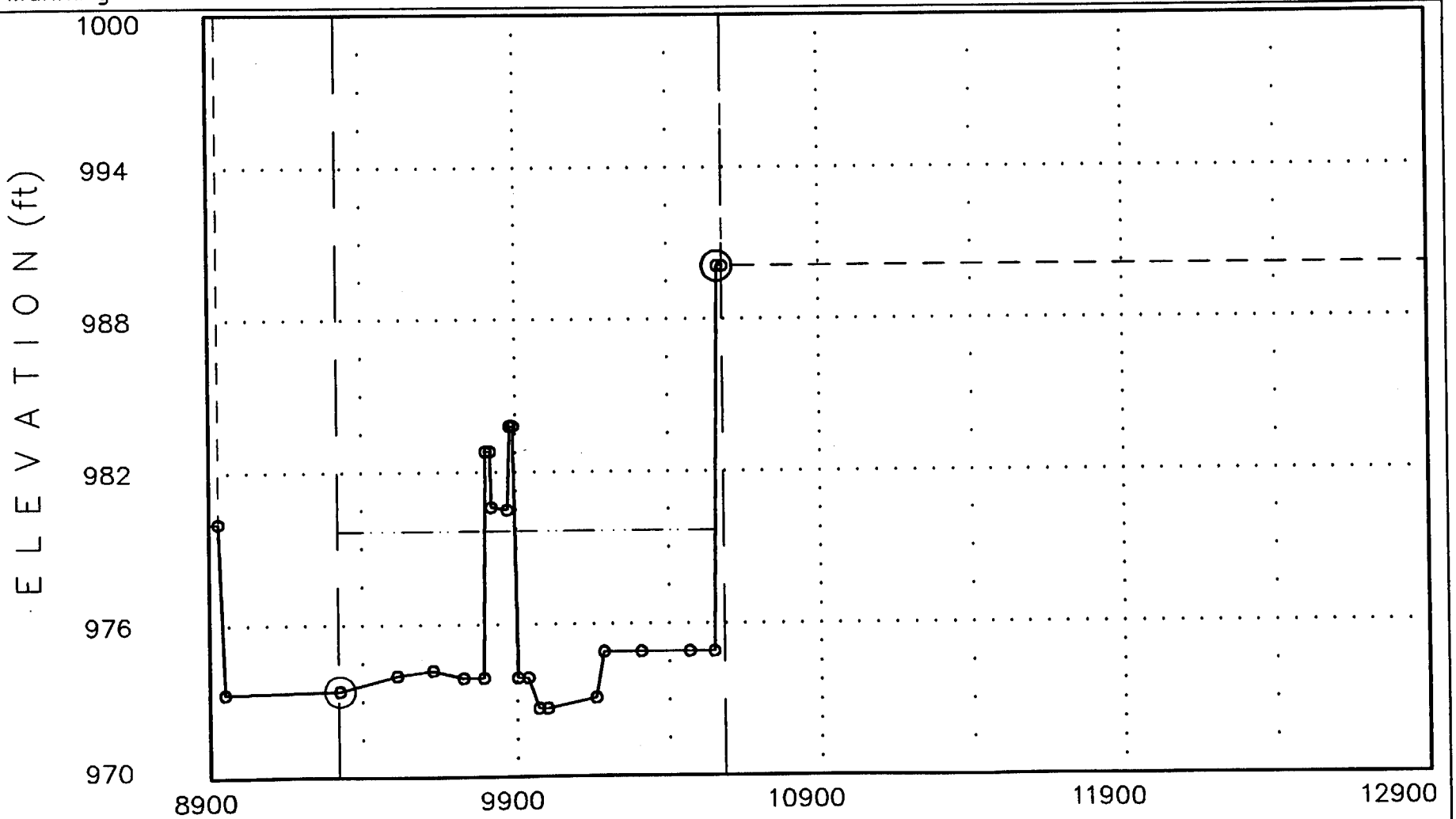
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.51: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 979.67
Q2= 54400cfs WS2= 979.67

Manning-n Values: LOB: .04 CH: .03 ROB: 0



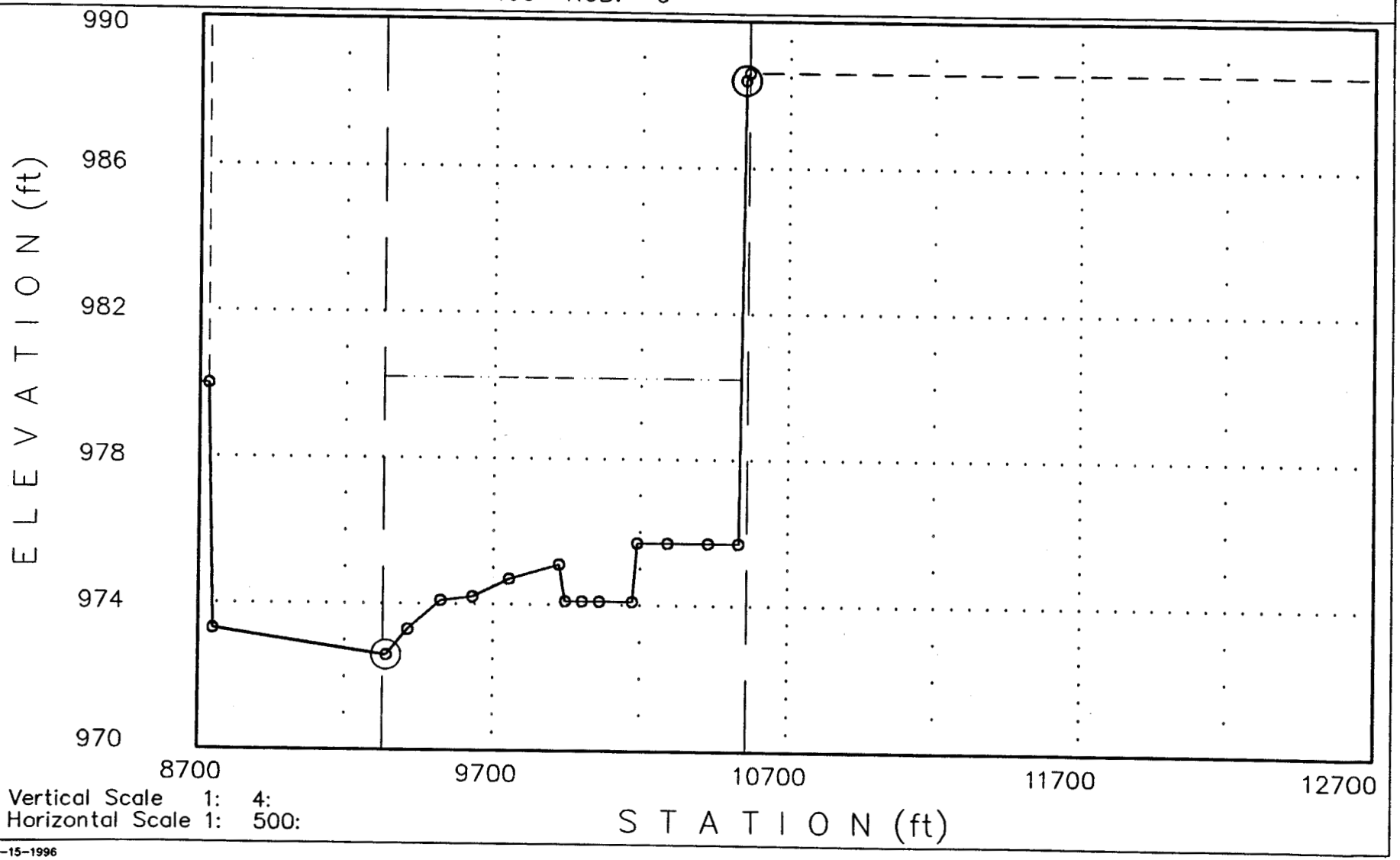
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 5.54: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 980.21
Q2= 54400cfs WS2= 980.21

Manning-n Values: LOB: .04 CH: .03 ROB: 0



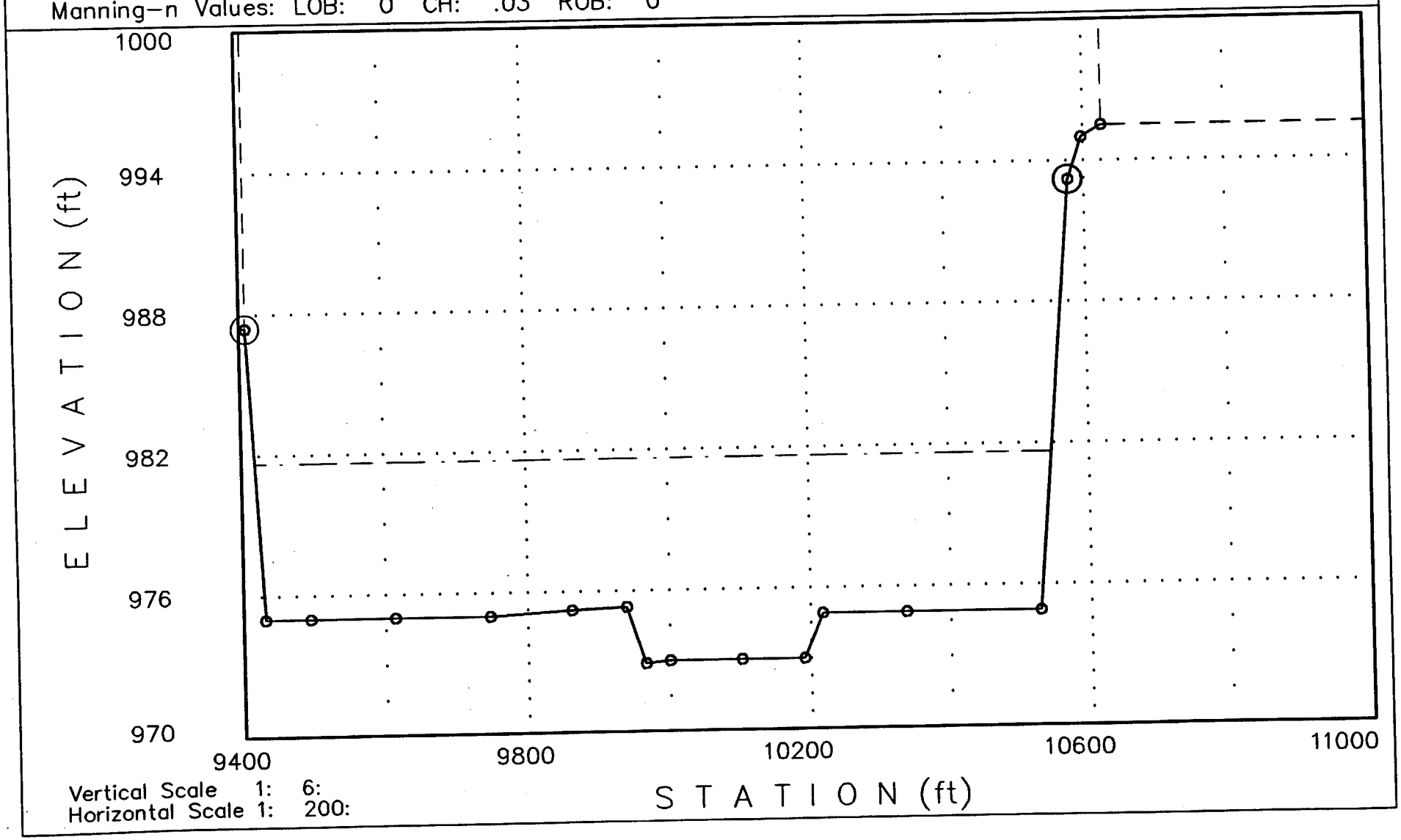
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 5.65: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 981.63
Q2= 54400cfs WS2= 981.63

Manning-n Values: LOB: 0 CH: .03 ROB: 0



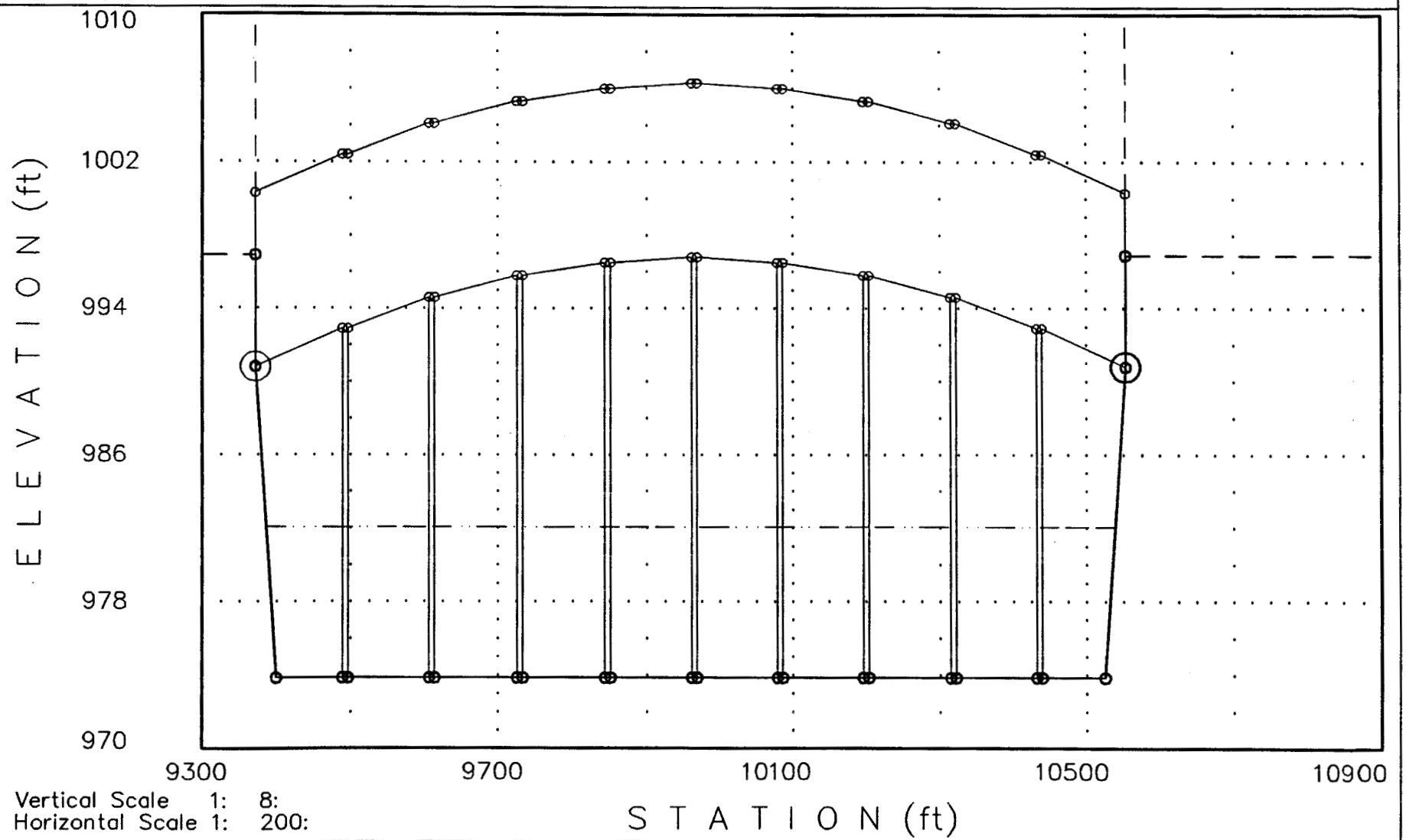
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.689: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 982.07
Q2= 54400cfs WS2= 982.07

Manning-n Values: LOB: 0 CH: .03 ROB: 0



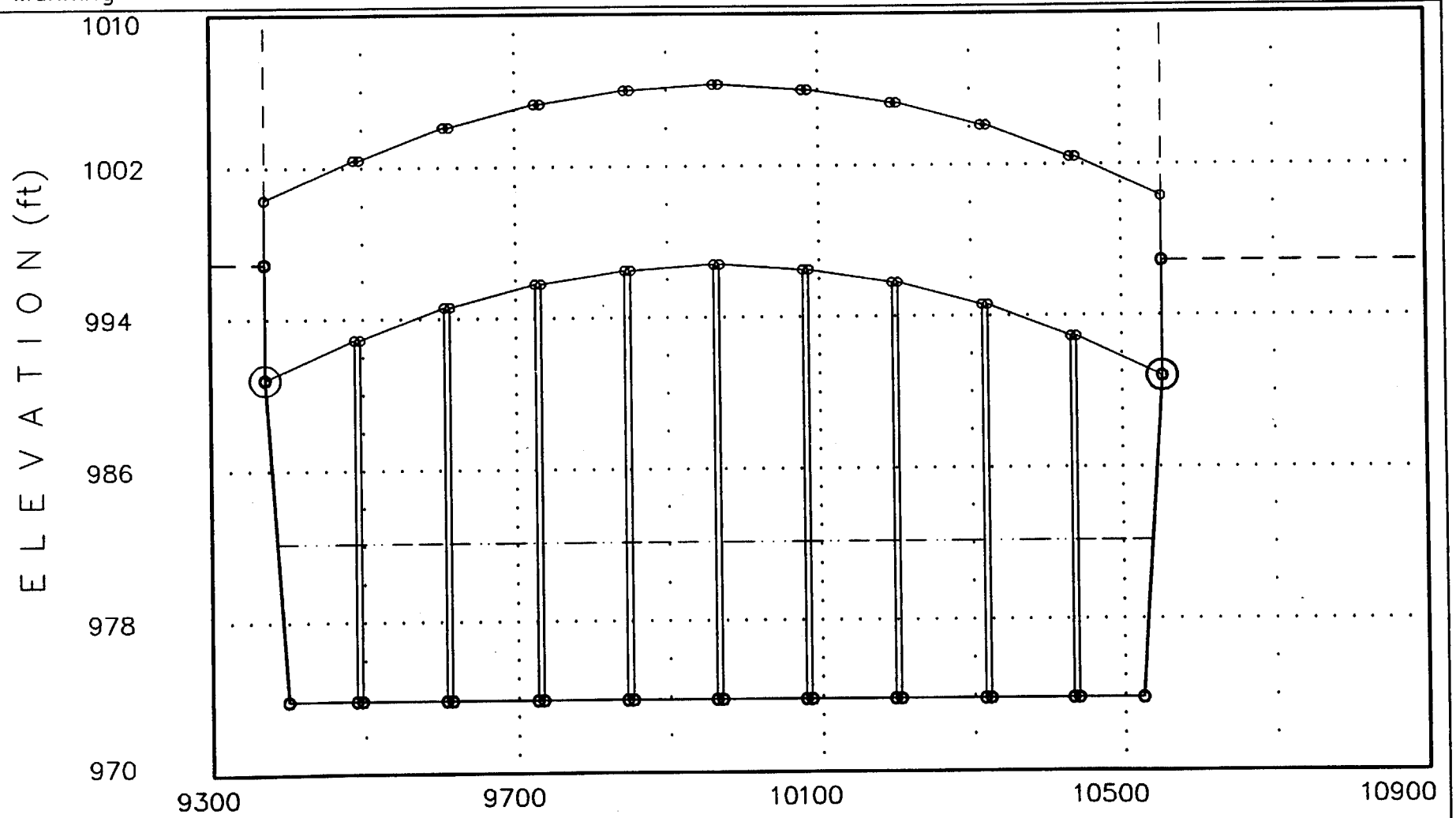
Vertical Scale 1: 8:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.7: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 982.14
Q2= 54400cfs WS2= 982.14

Manning-n Values: LOB: 0 CH: .03 ROB: 0



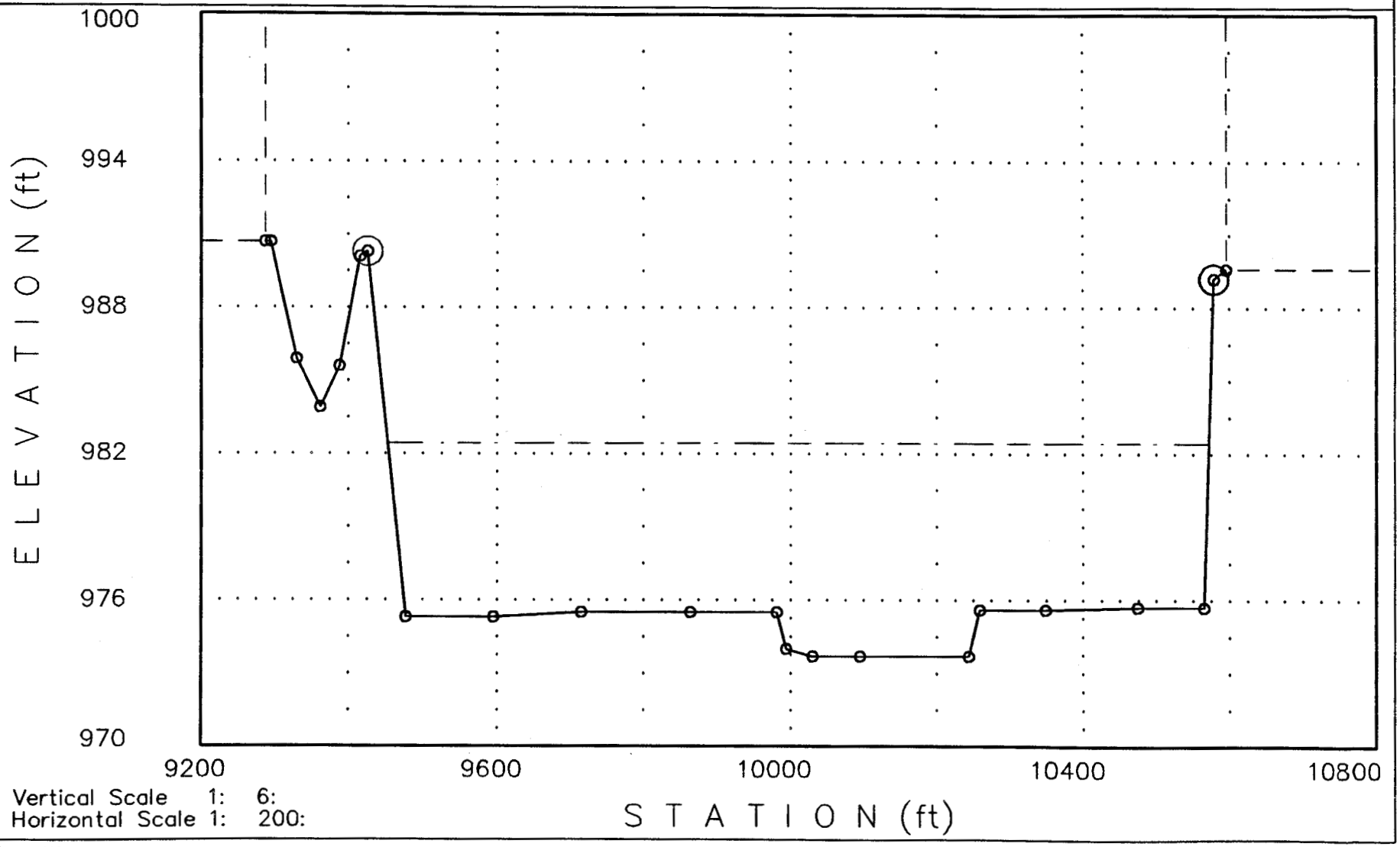
Vertical Scale 1: 8:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.75: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 982.44
Q2= 54400cfs WS2= 982.44

Manning-n Values: LOB: 0 CH: .03 ROB: 0



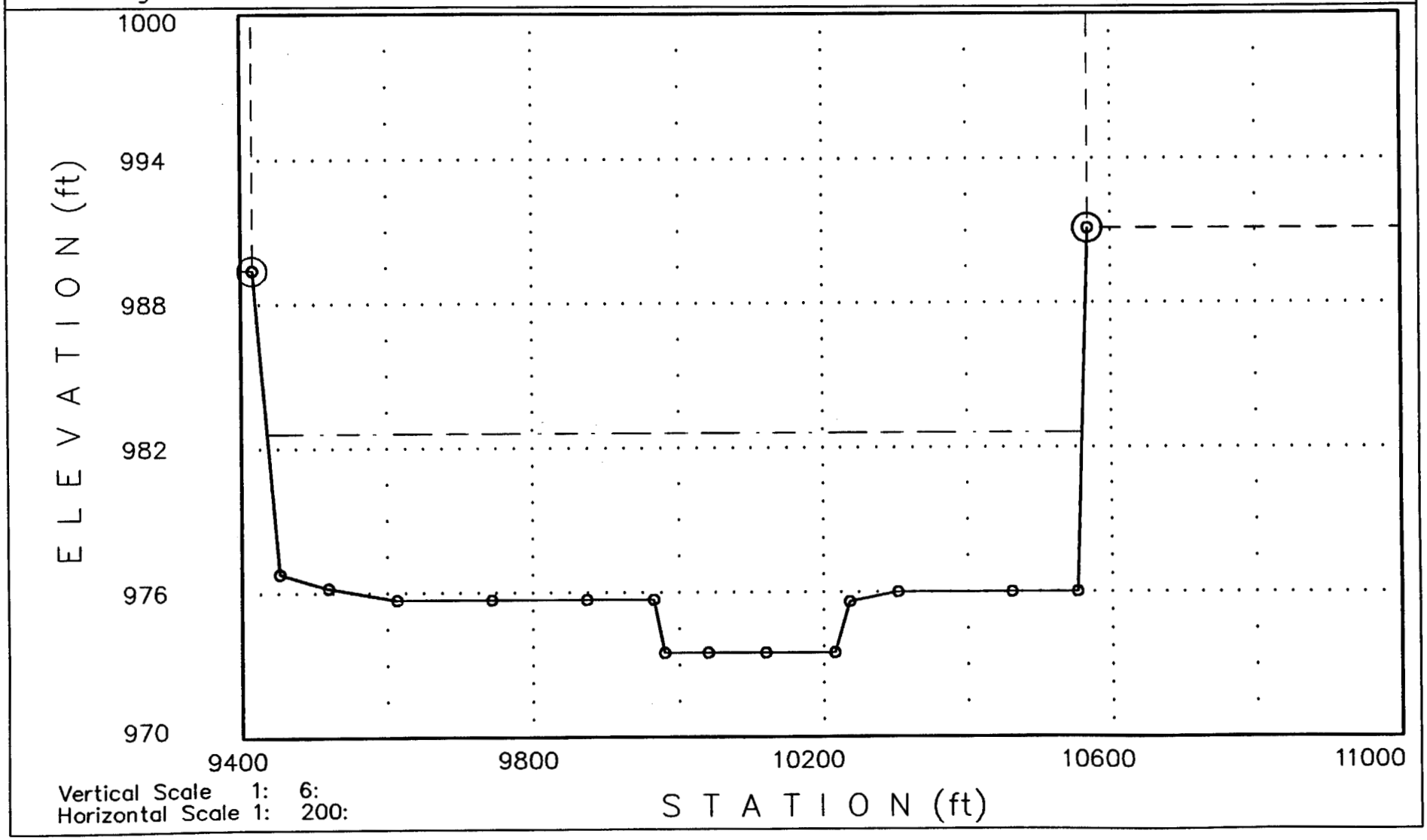
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.77: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 982.62
Q2= 54400cfs WS2= 982.62

Manning-n Values: LOB: 0 CH: .03 ROB: 0



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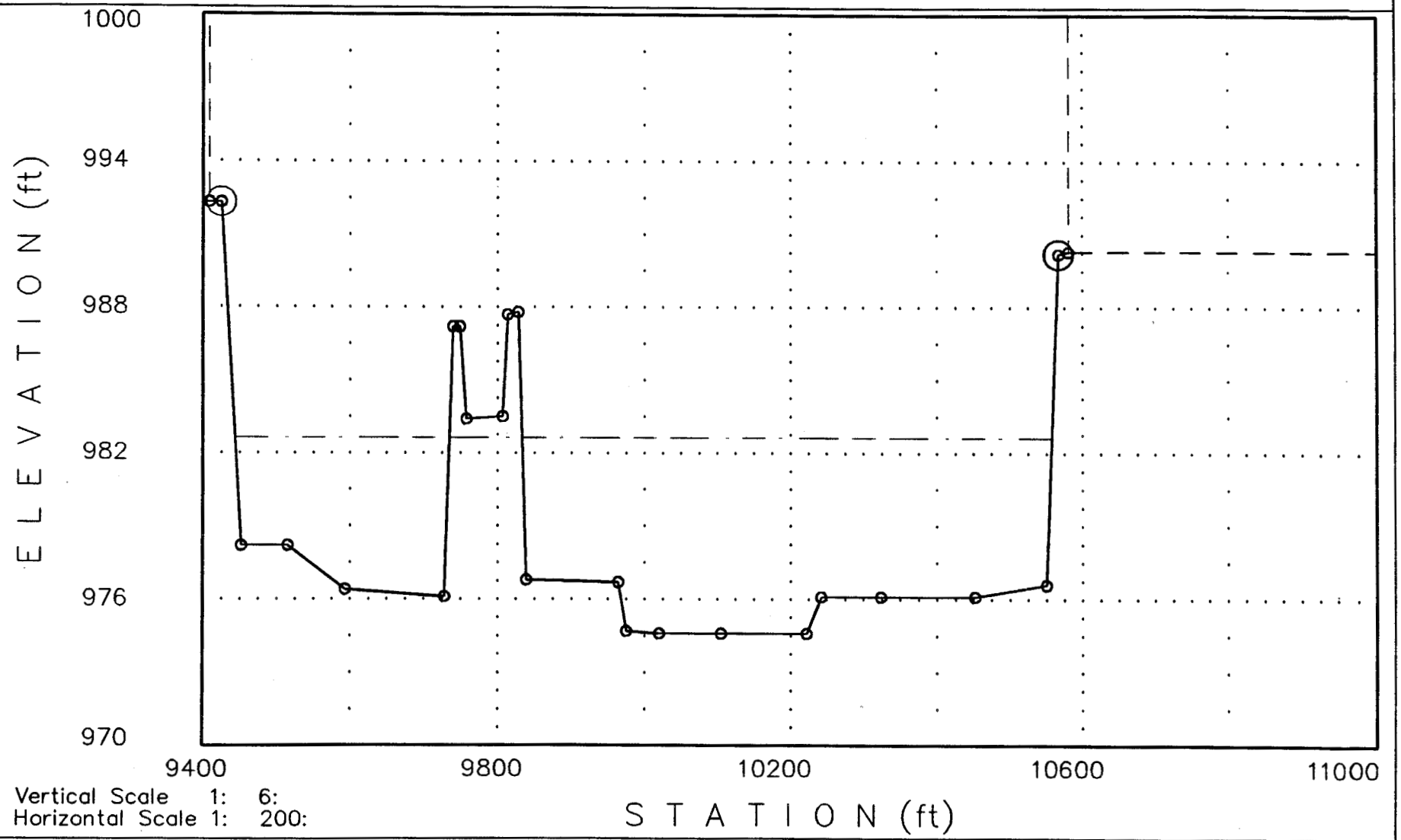
<<<<<< Cross Section: 5.79: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 982.64
Q2= 54400cfs WS2= 982.64

Manning-n Values: LOB: 0 CH: .03 ROB: 0



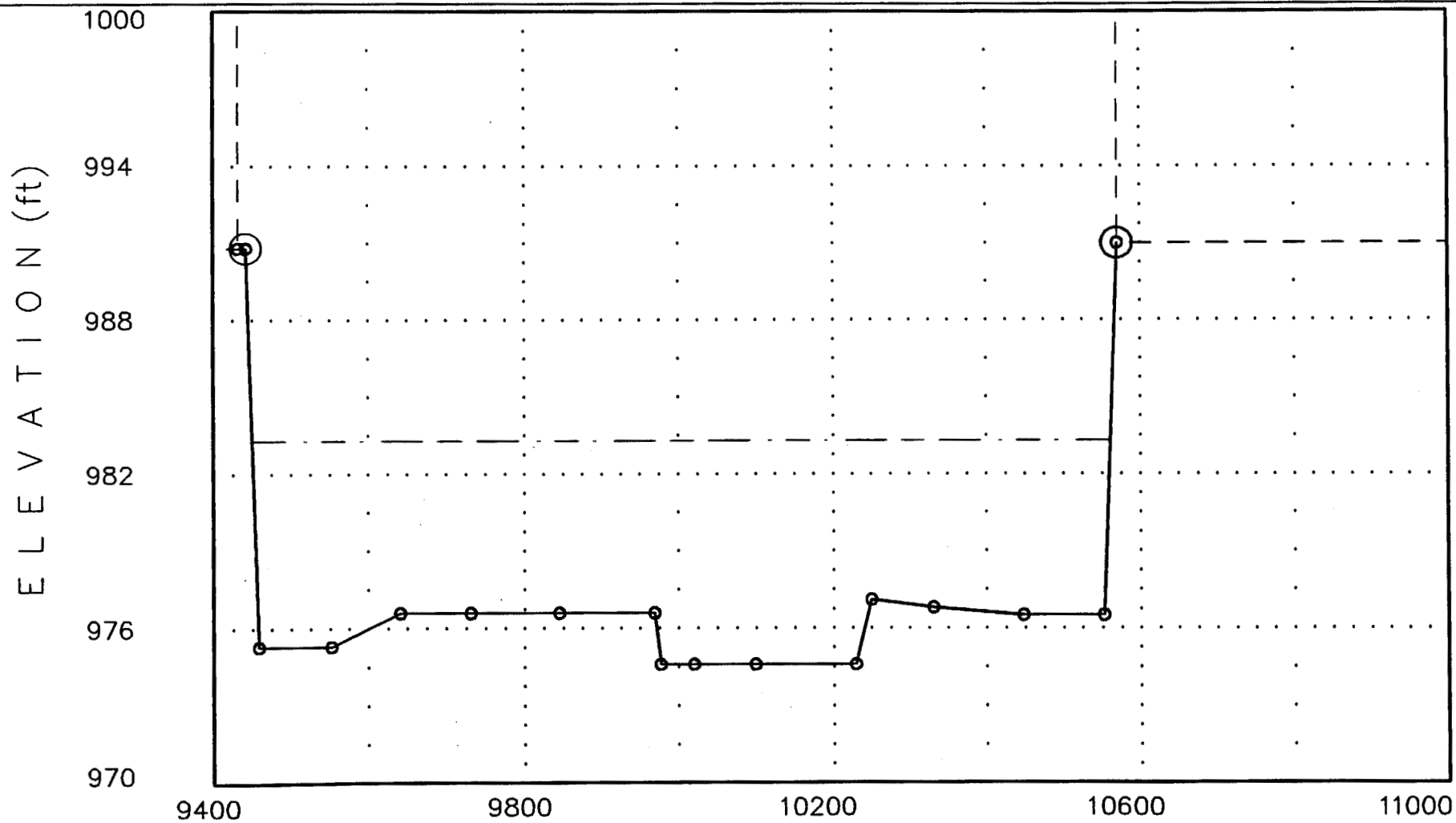
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.81: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 983.29
Q2= 54400cfs WS2= 983.29

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

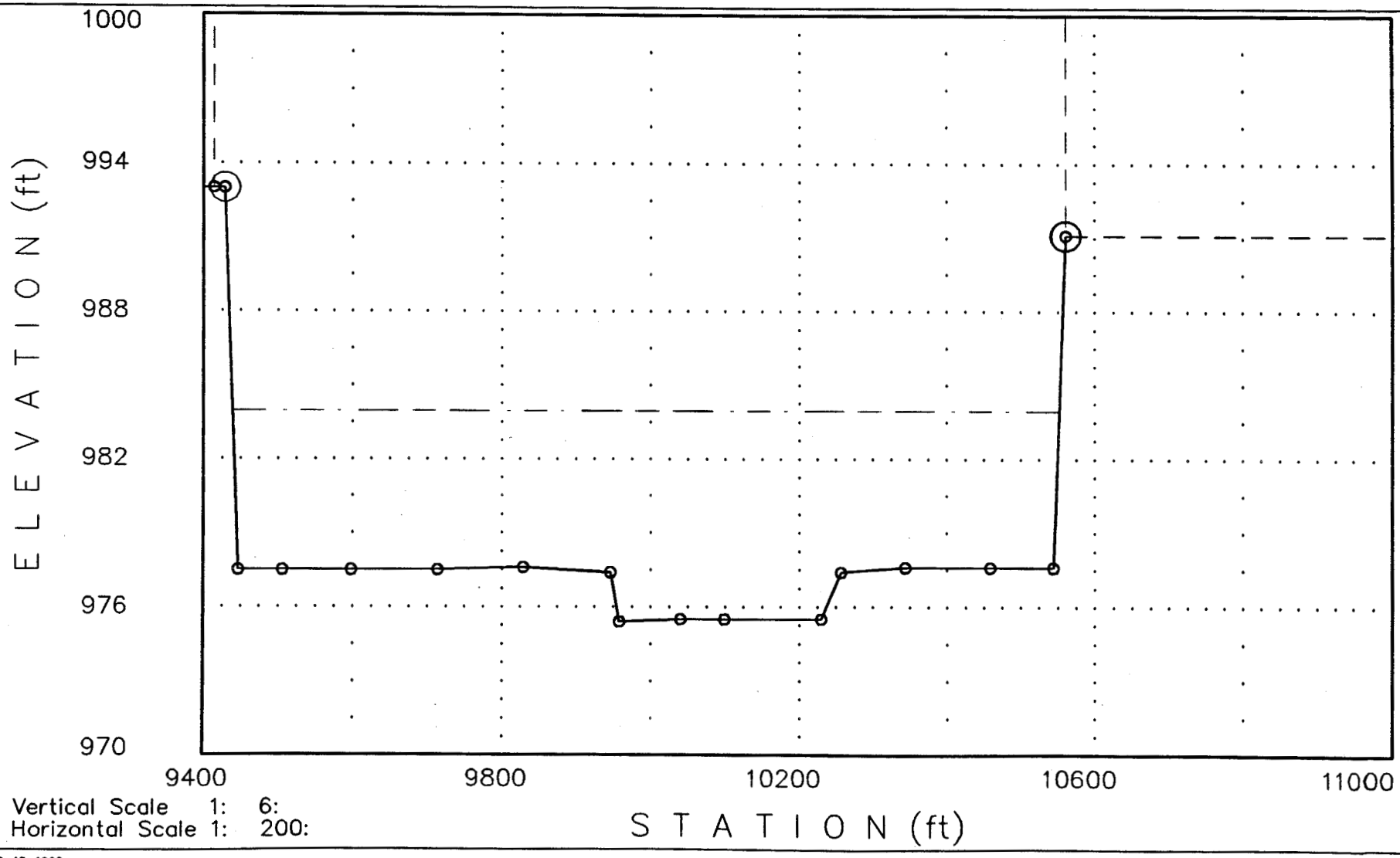
09-15-1996

<<<<<< Cross Section: 5.9: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 983.96

Q2= 54400cfs WS2= 983.96

Manning-n Values: LOB: 0 CH: .03 ROB: 0



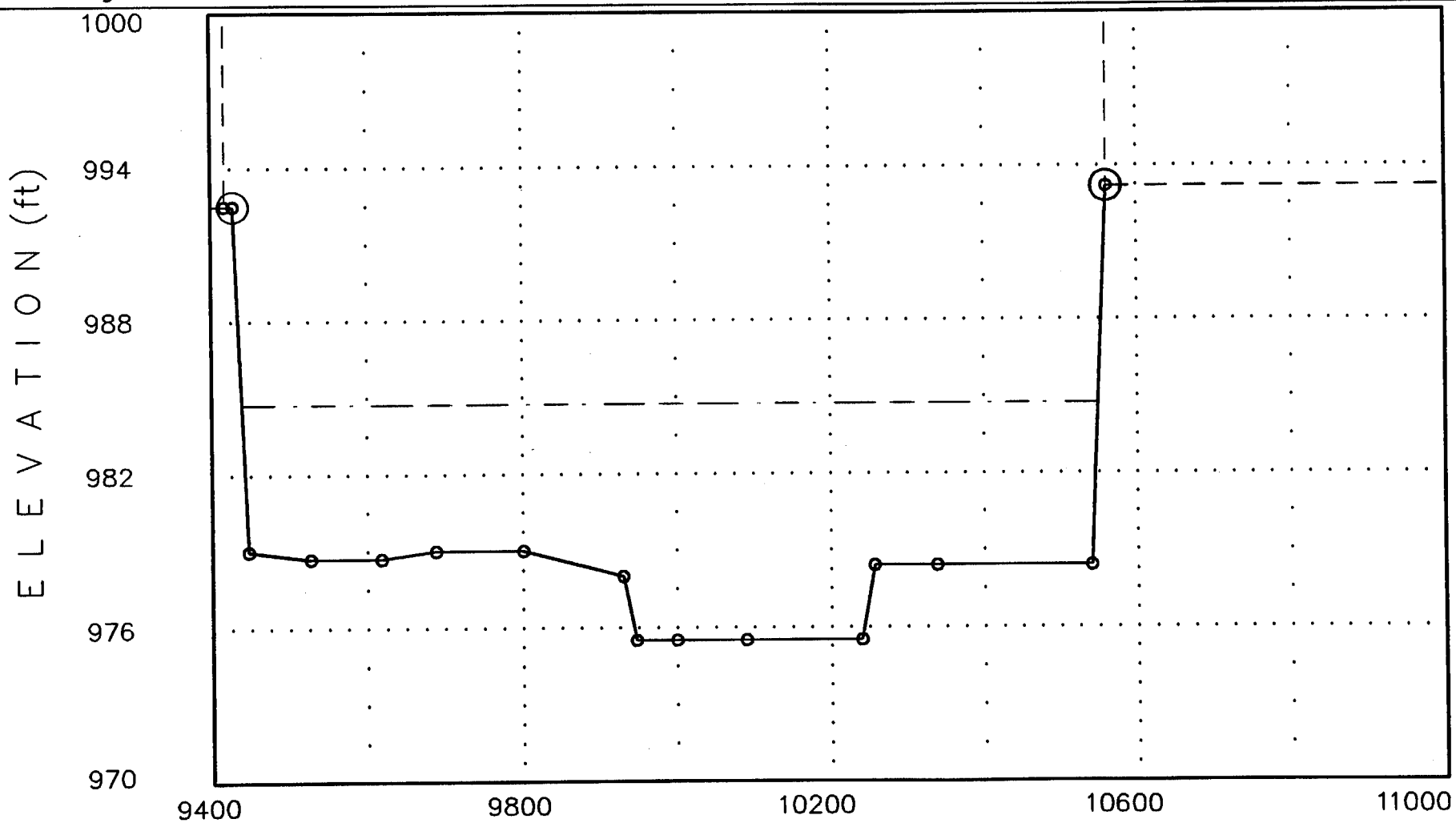
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 5.99: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 984.73
Q2= 54400cfs WS2= 984.73

Manning-n Values: LOB: 0 CH: .03 ROB: 0



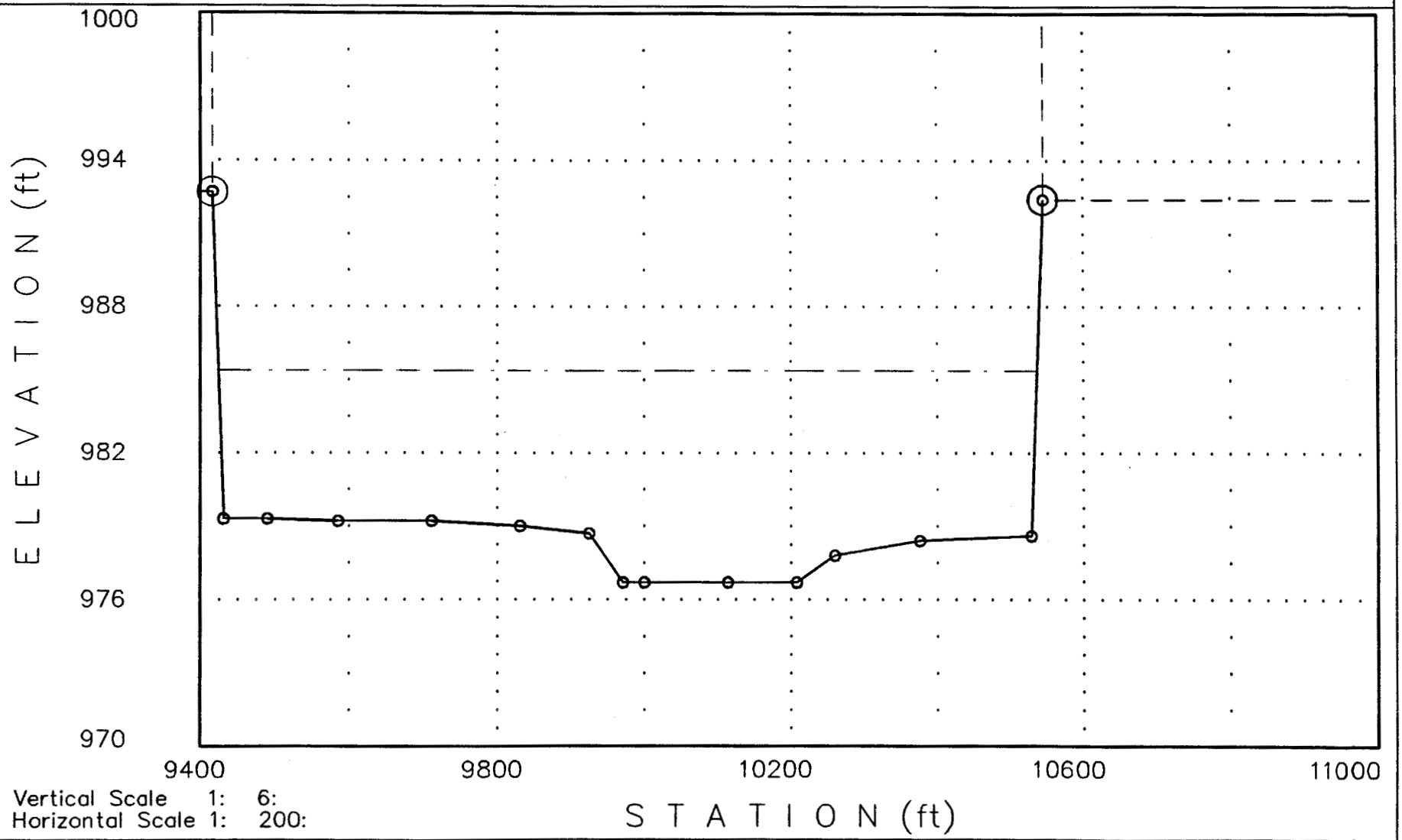
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.07: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 985.38
Q2= 54400cfs WS2= 985.38

Manning-n Values: LOB: 0 CH: .03 ROB: 0



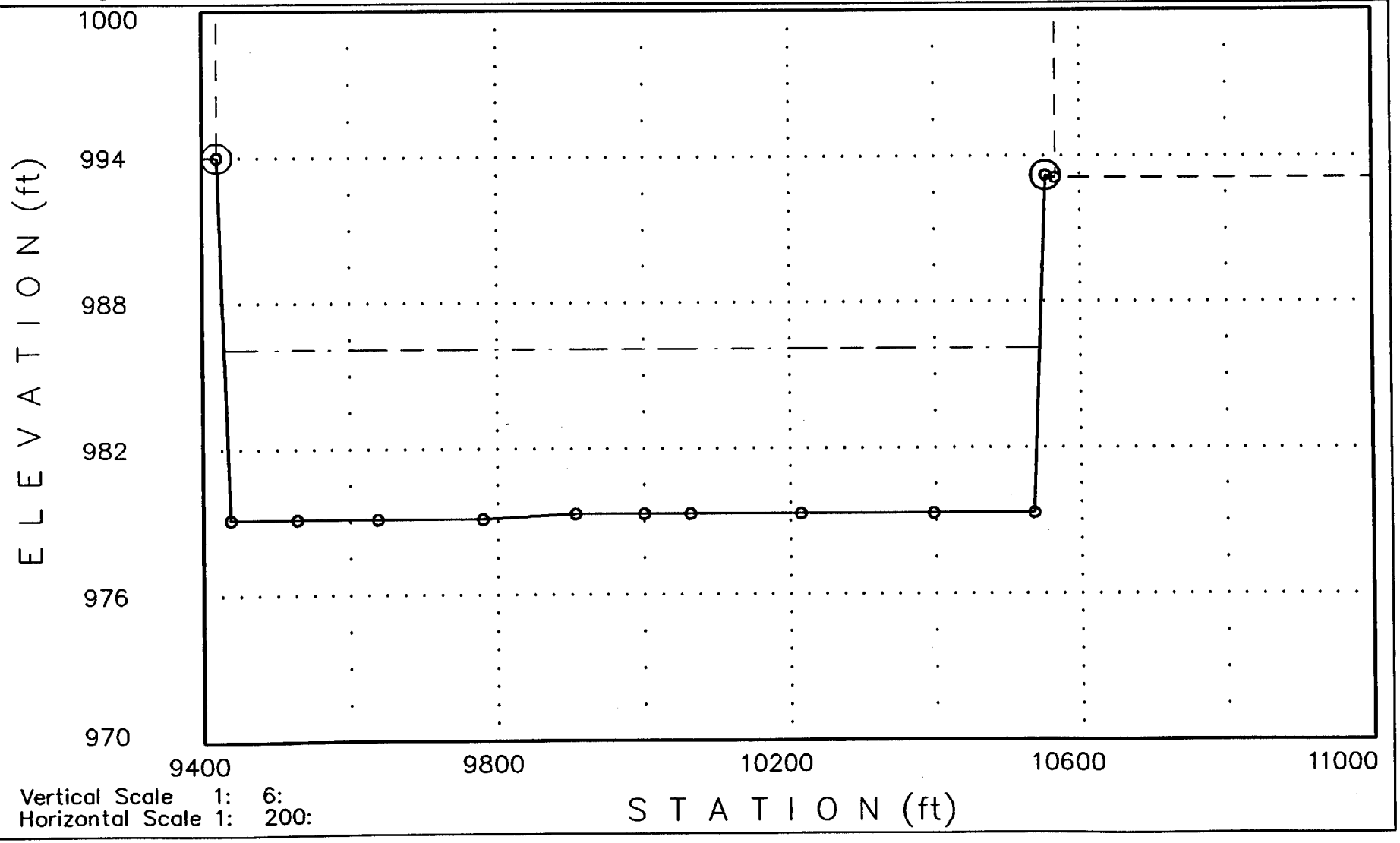
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.16: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 986.11
Q2= 54400cfs WS2= 986.11

Manning-n Values: LOB: 0 CH: .03 ROB: 0



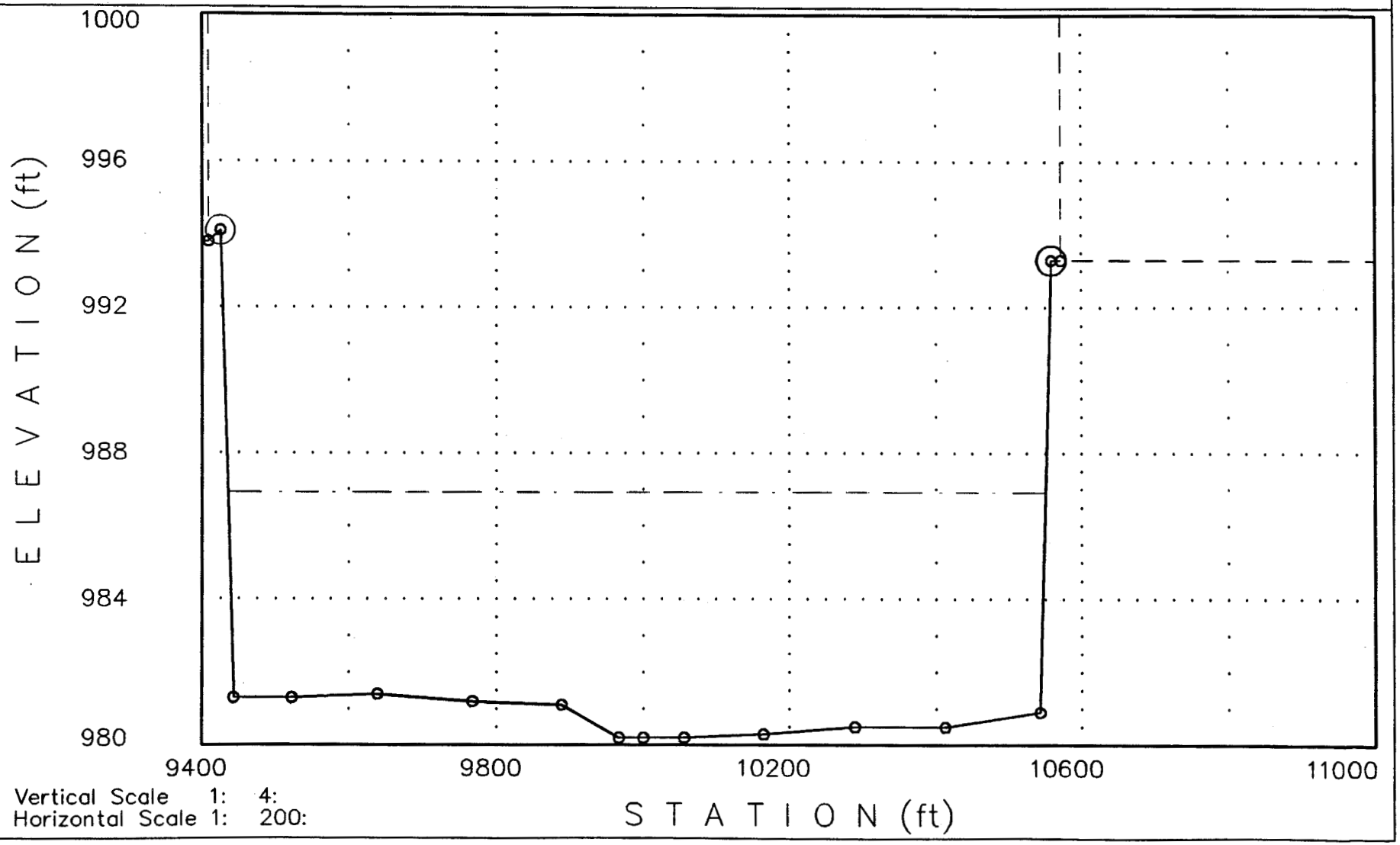
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.26: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 986.93
Q2= 54400cfs WS2= 986.93

Manning-n Values: LOB: 0 CH: .03 ROB: 0



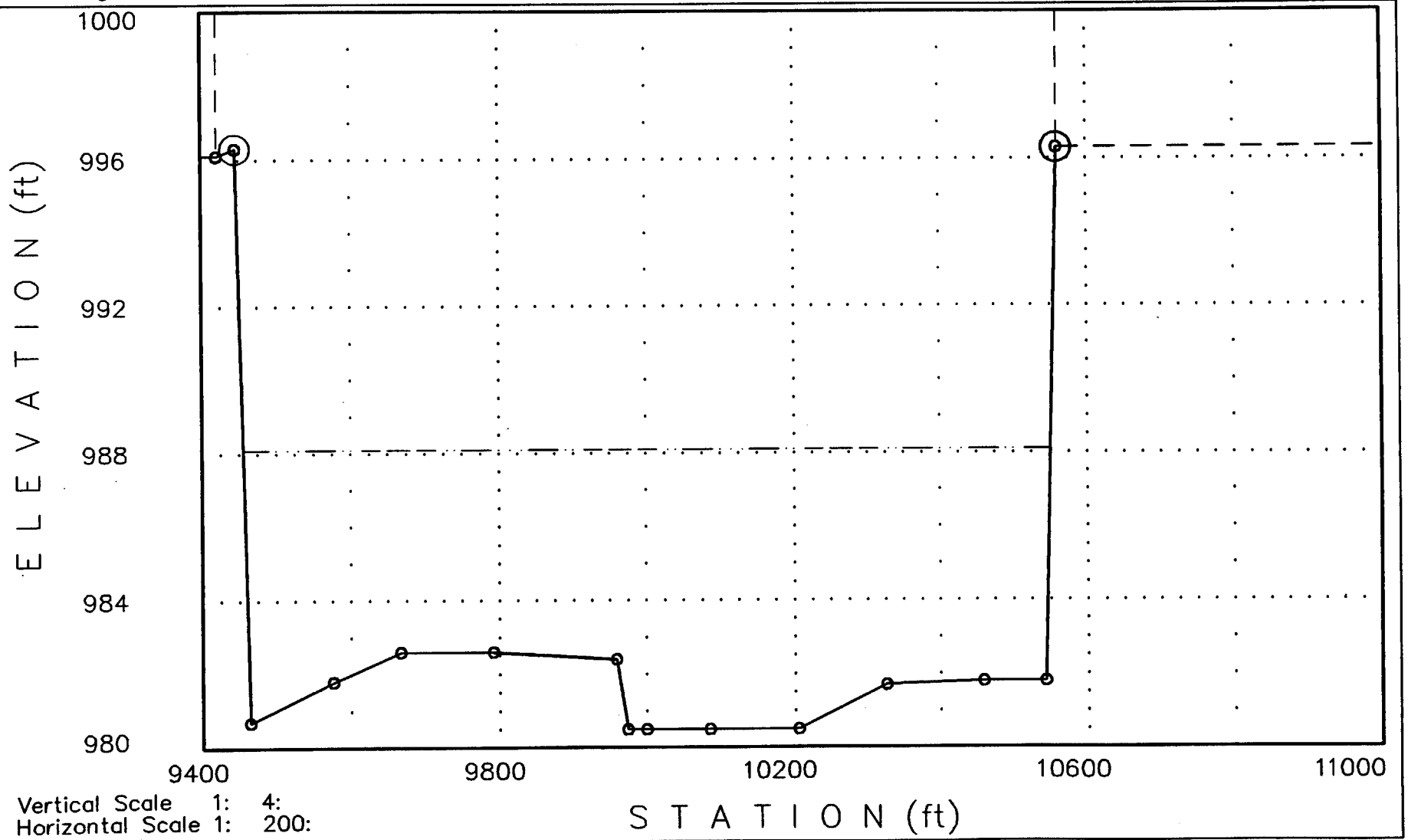
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.35: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 988.1
Q2= 54400cfs WS2= 988.1

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

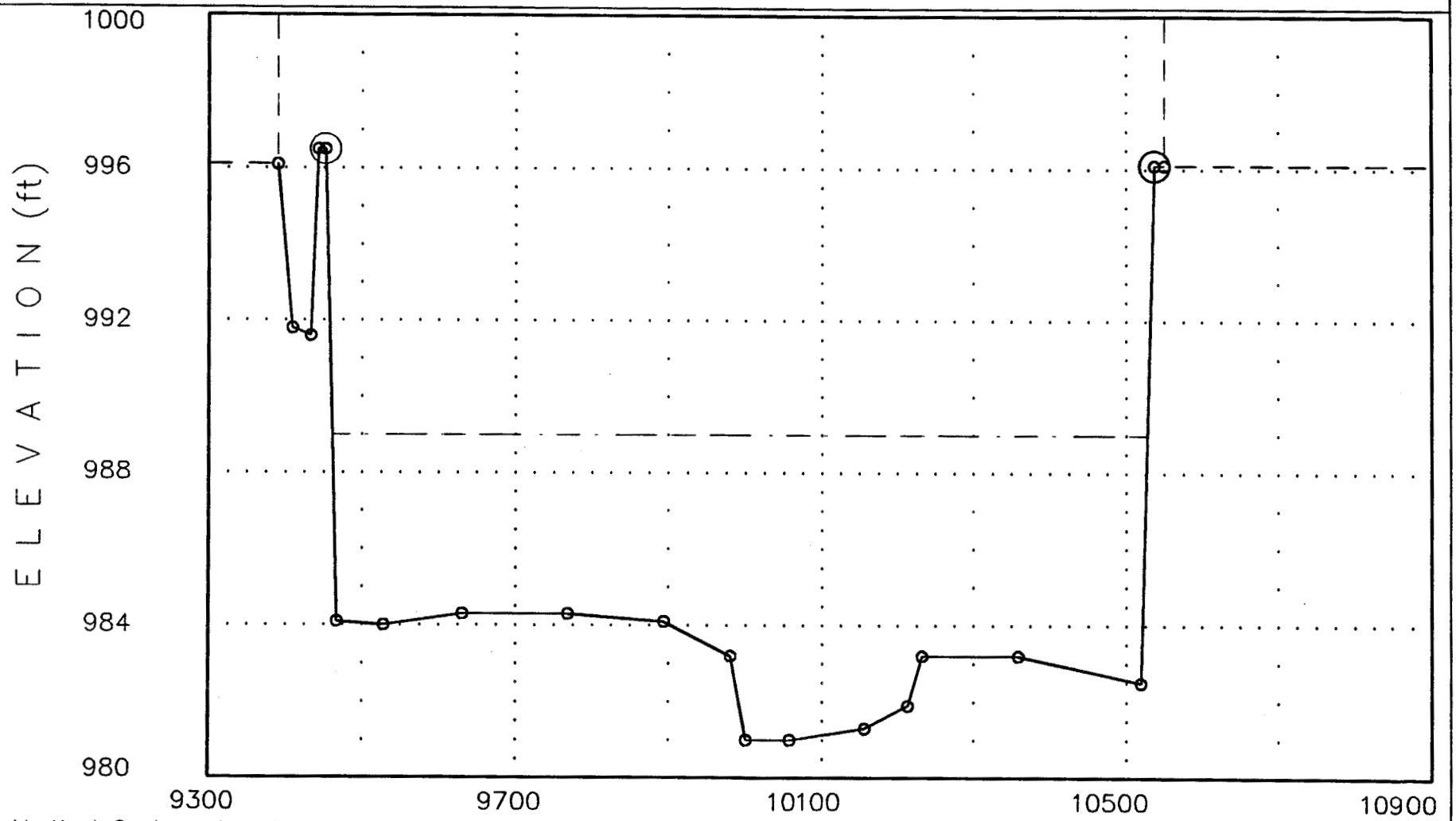
09-15-1996

<<<<<< Cross Section: 6.43: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 989

Q2= 54400cfs WS2= 989

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:

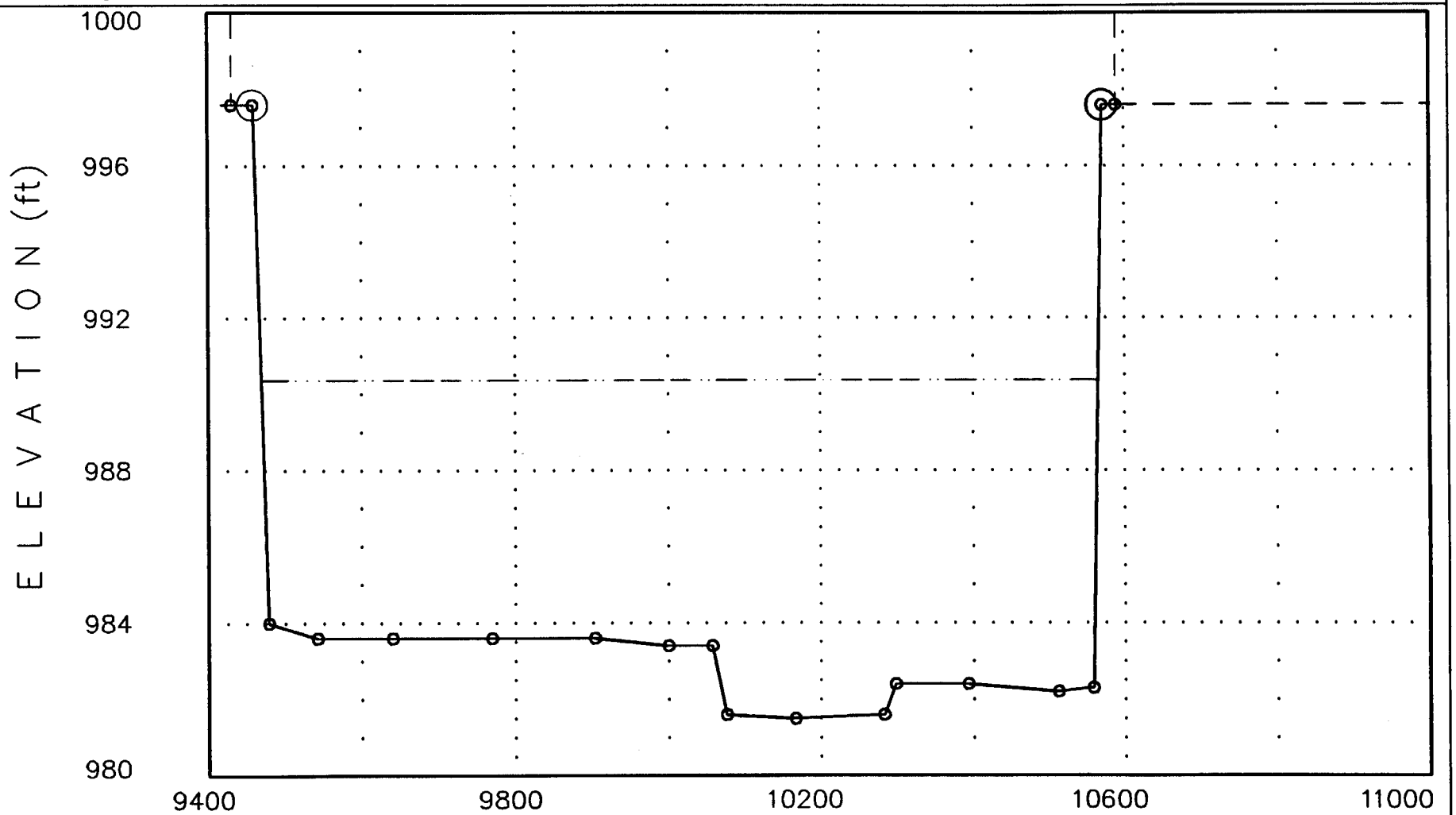
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.52: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 990.38
Q2= 54400cfs WS2= 990.38

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

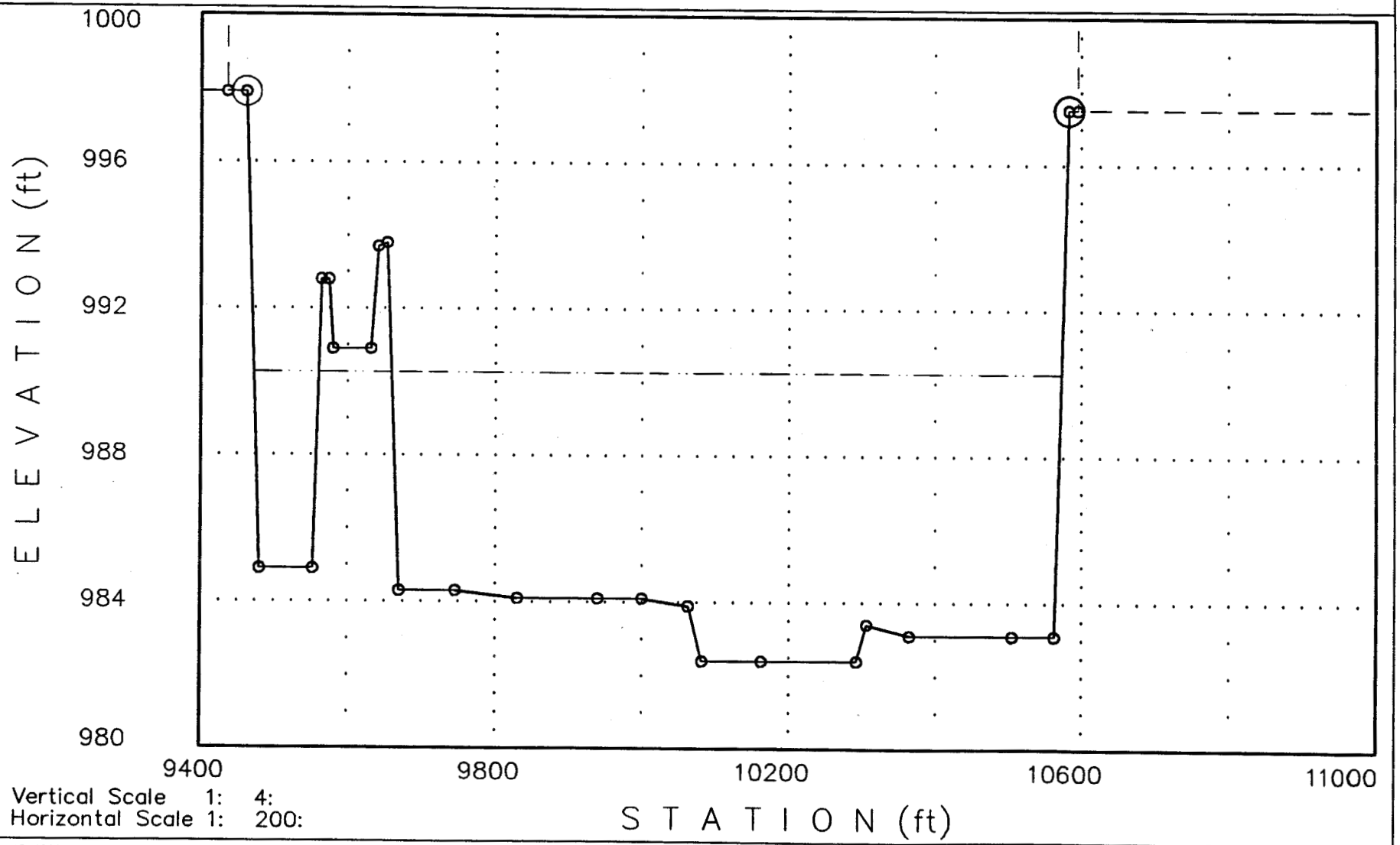
09-15-1996

<<<<<< Cross Section: 6.54: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 990.27

Q2= 54400cfs WS2= 990.27

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:

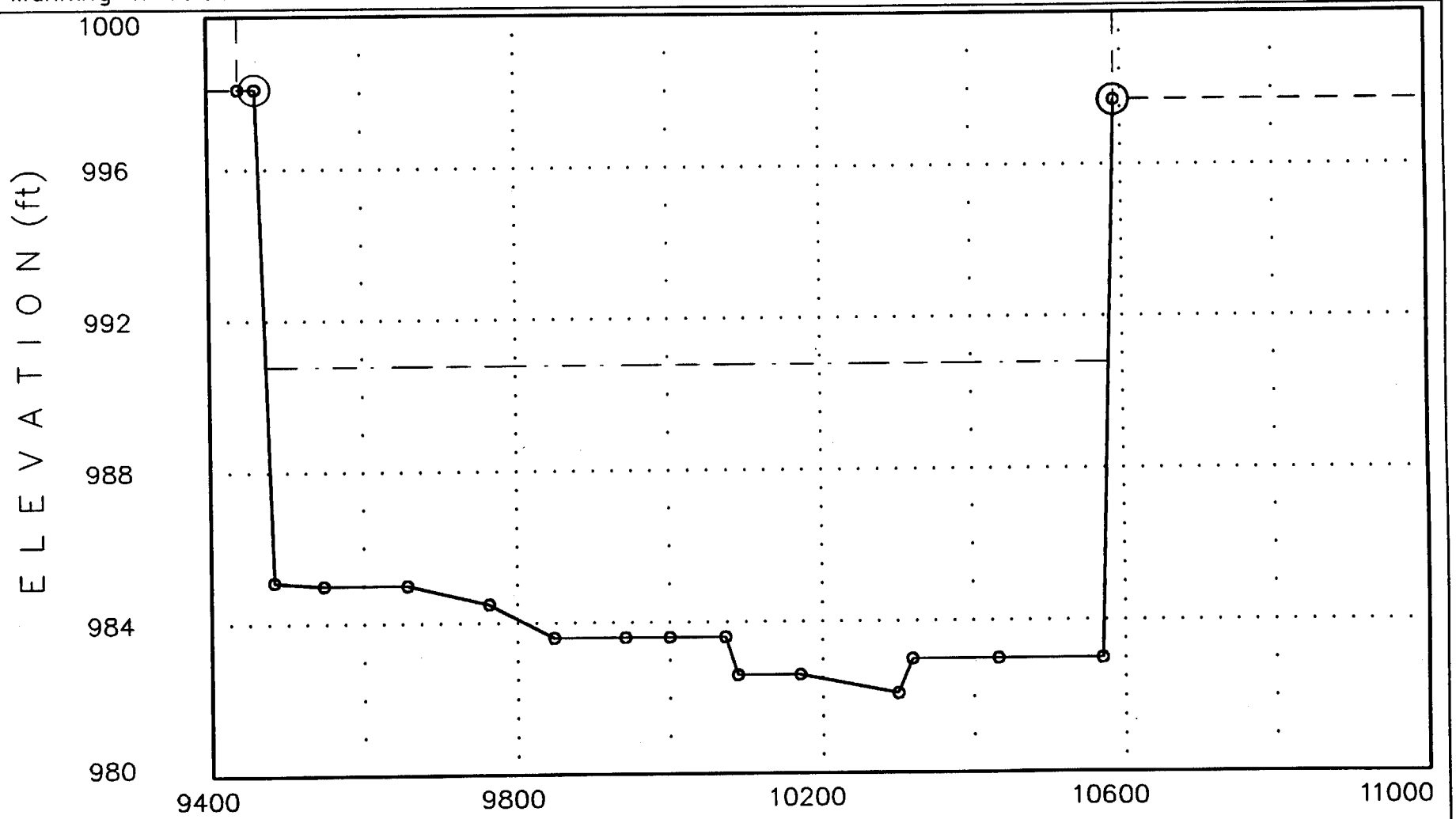
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.56: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 990.79
Q2= 54400cfs WS2= 990.79

Manning-n Values: LOB: 0 CH: .03 ROB: 0



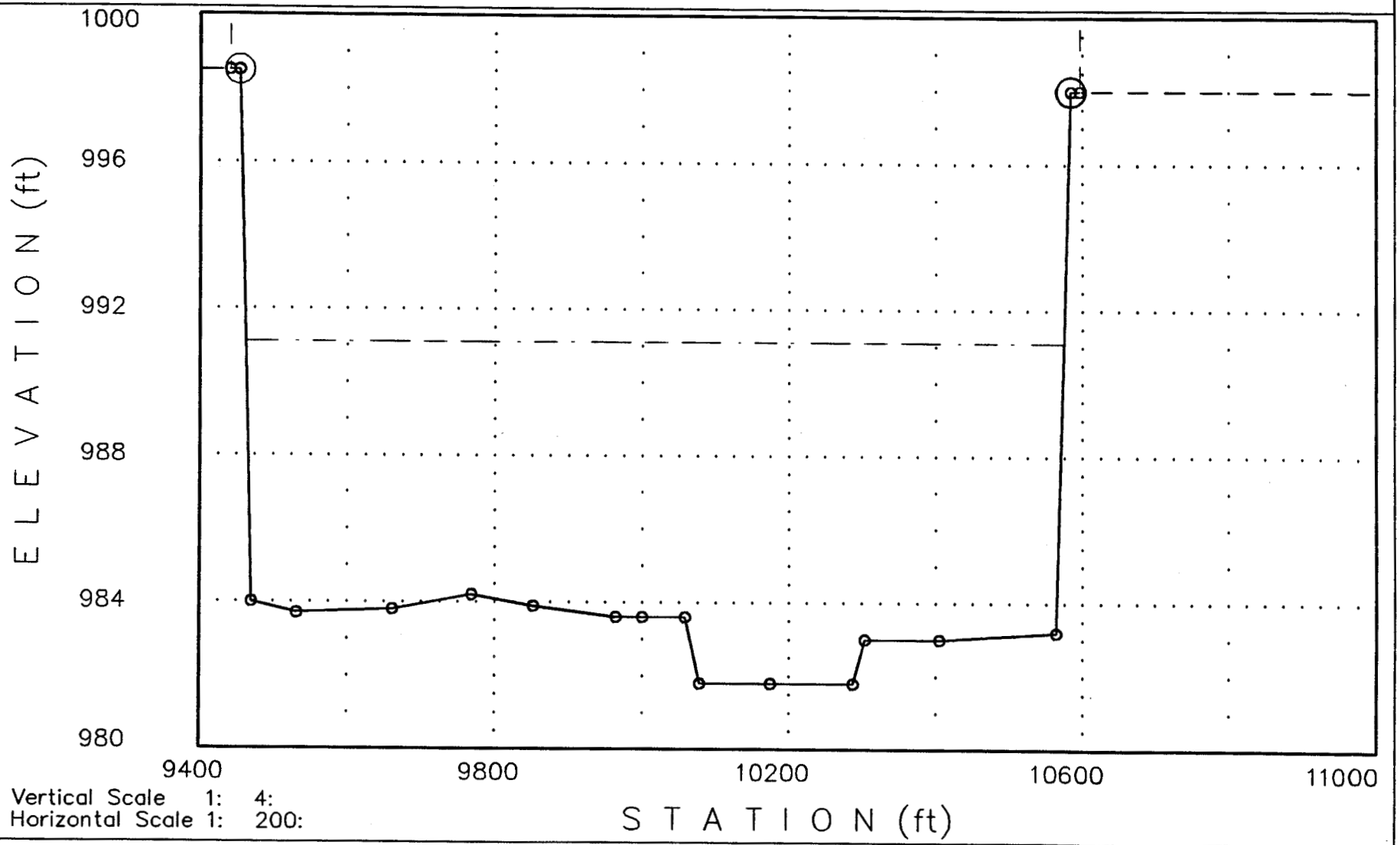
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.59: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 991.11
Q2= 54400cfs WS2= 991.11

Manning-n Values: LOB: 0 CH: .03 ROB: 0



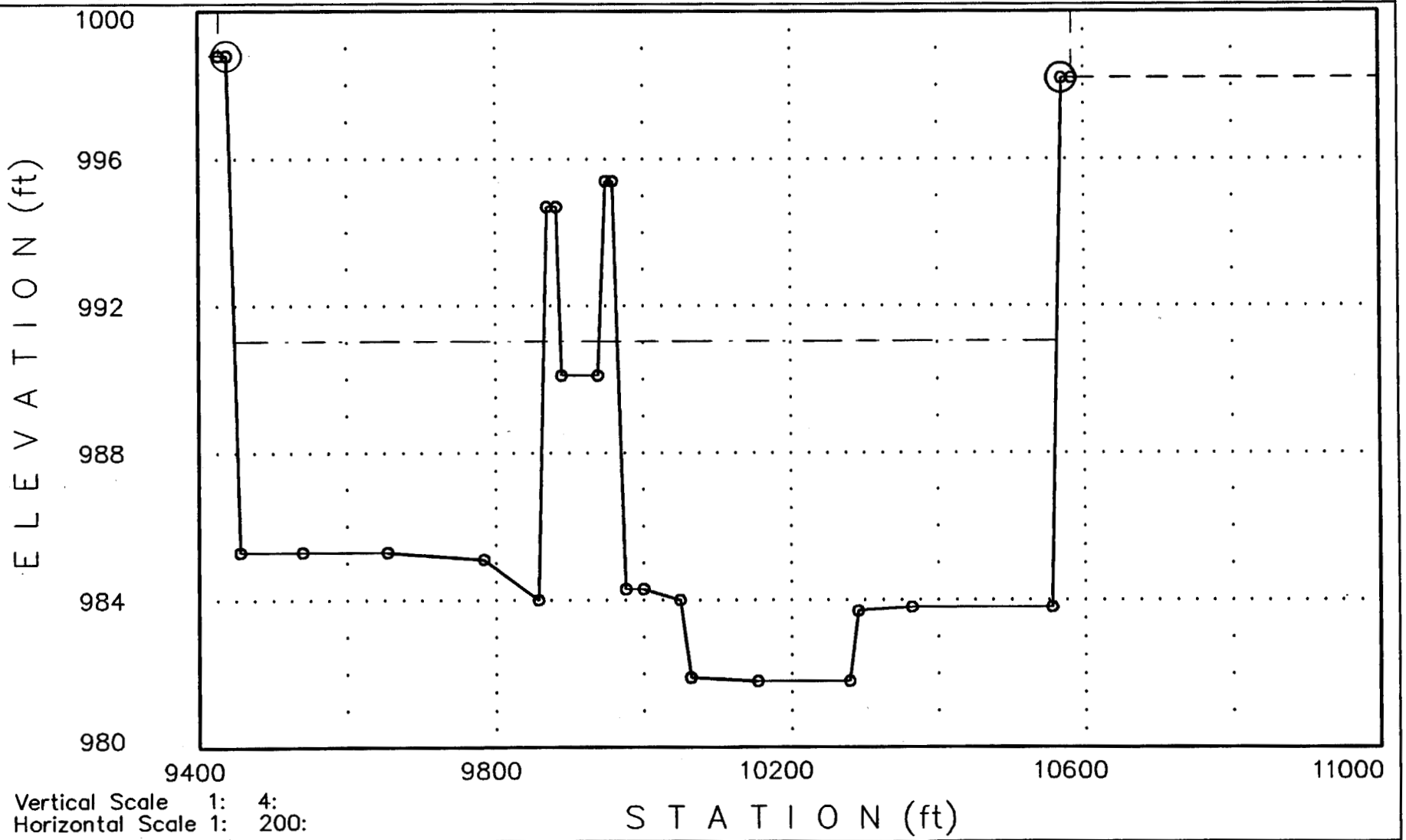
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.61: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 991.04
Q2= 54400cfs WS2= 991.04

Manning-n Values: LOB: 0 CH: .03 ROB: 0



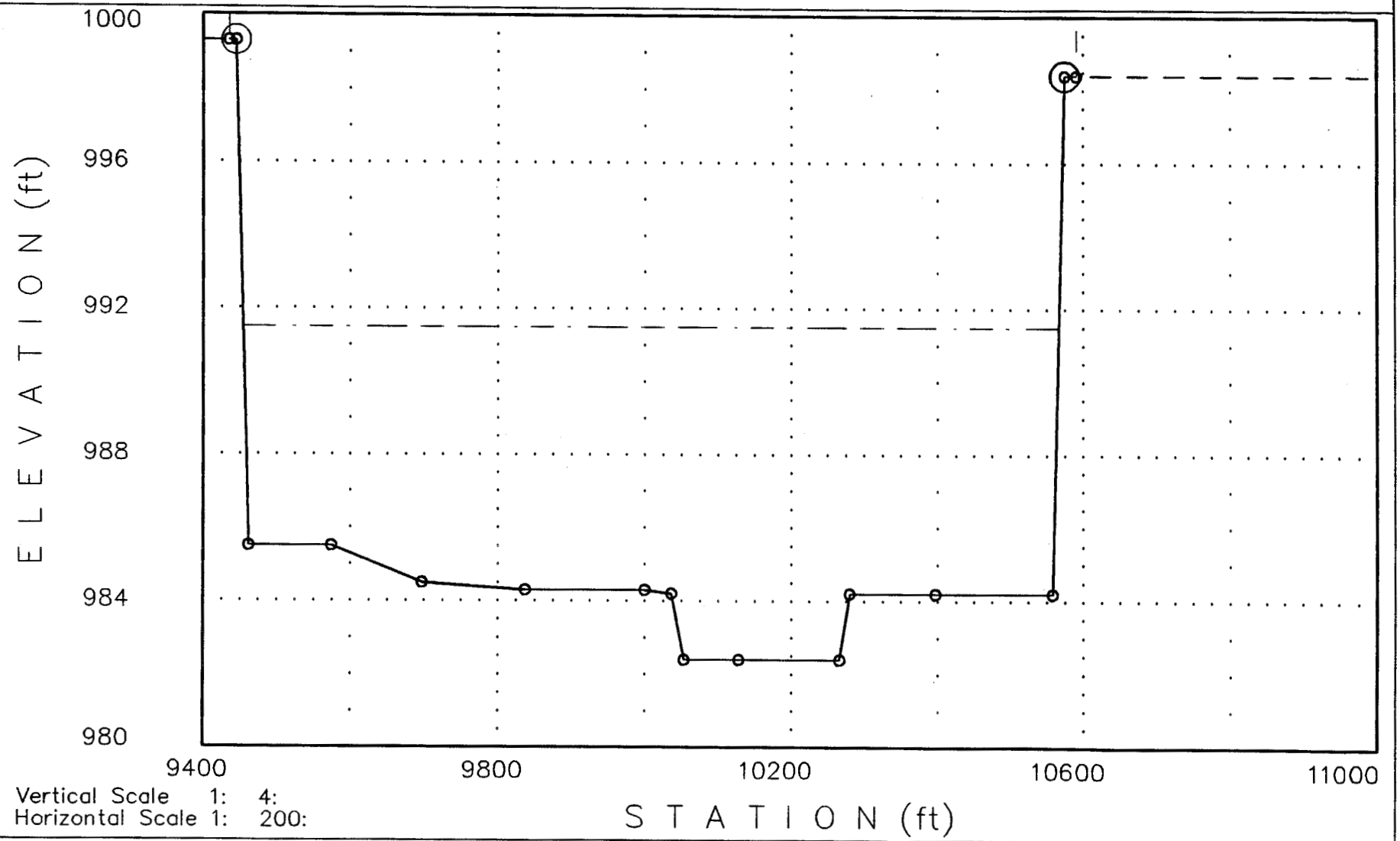
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.64: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 991.5
Q2= 54400cfs WS2= 991.5

Manning-n Values: LOB: 0 CH: .03 ROB: 0



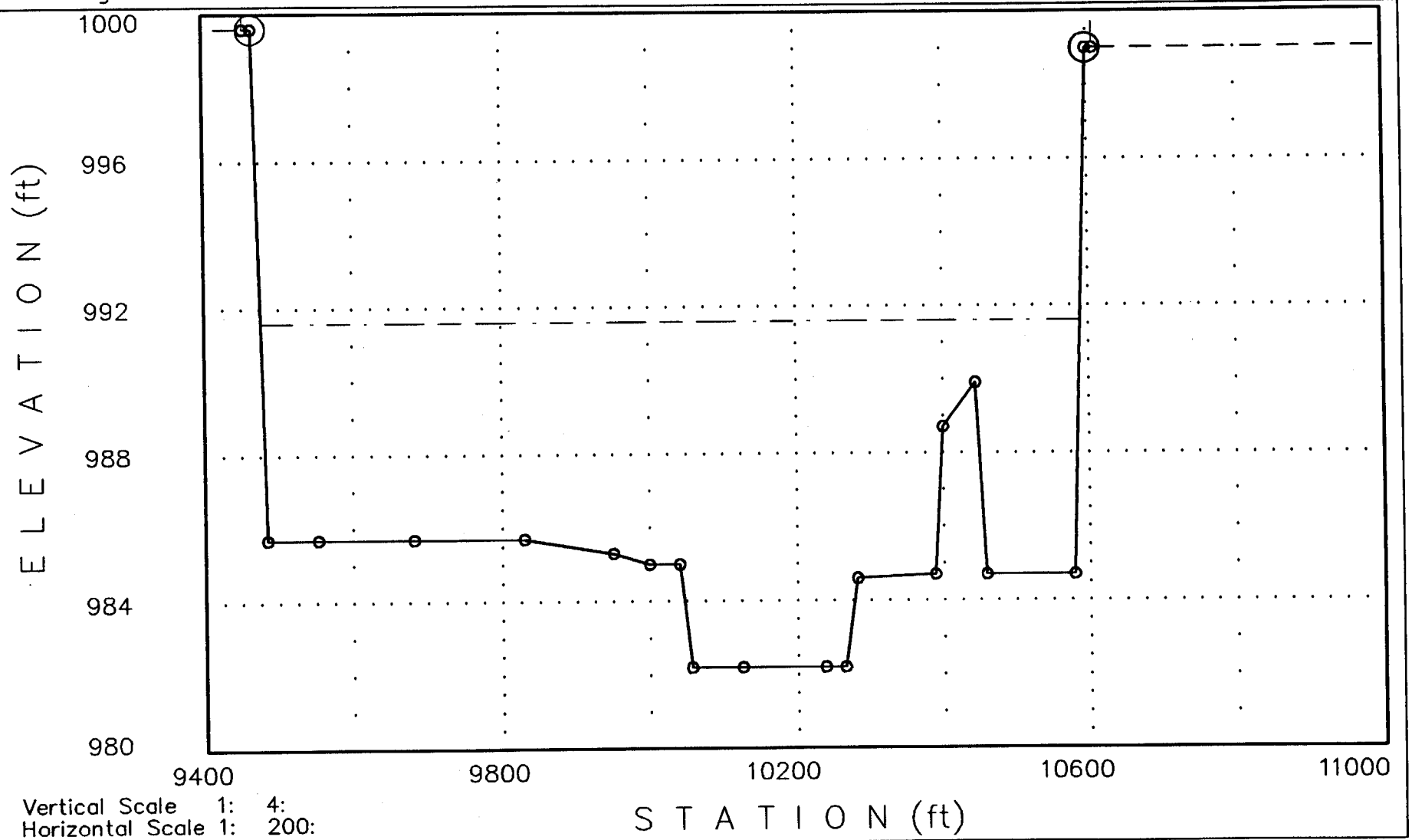
Vertical Scale 1: 4:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.66: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 991.6
Q2= 54400cfs WS2= 991.6

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

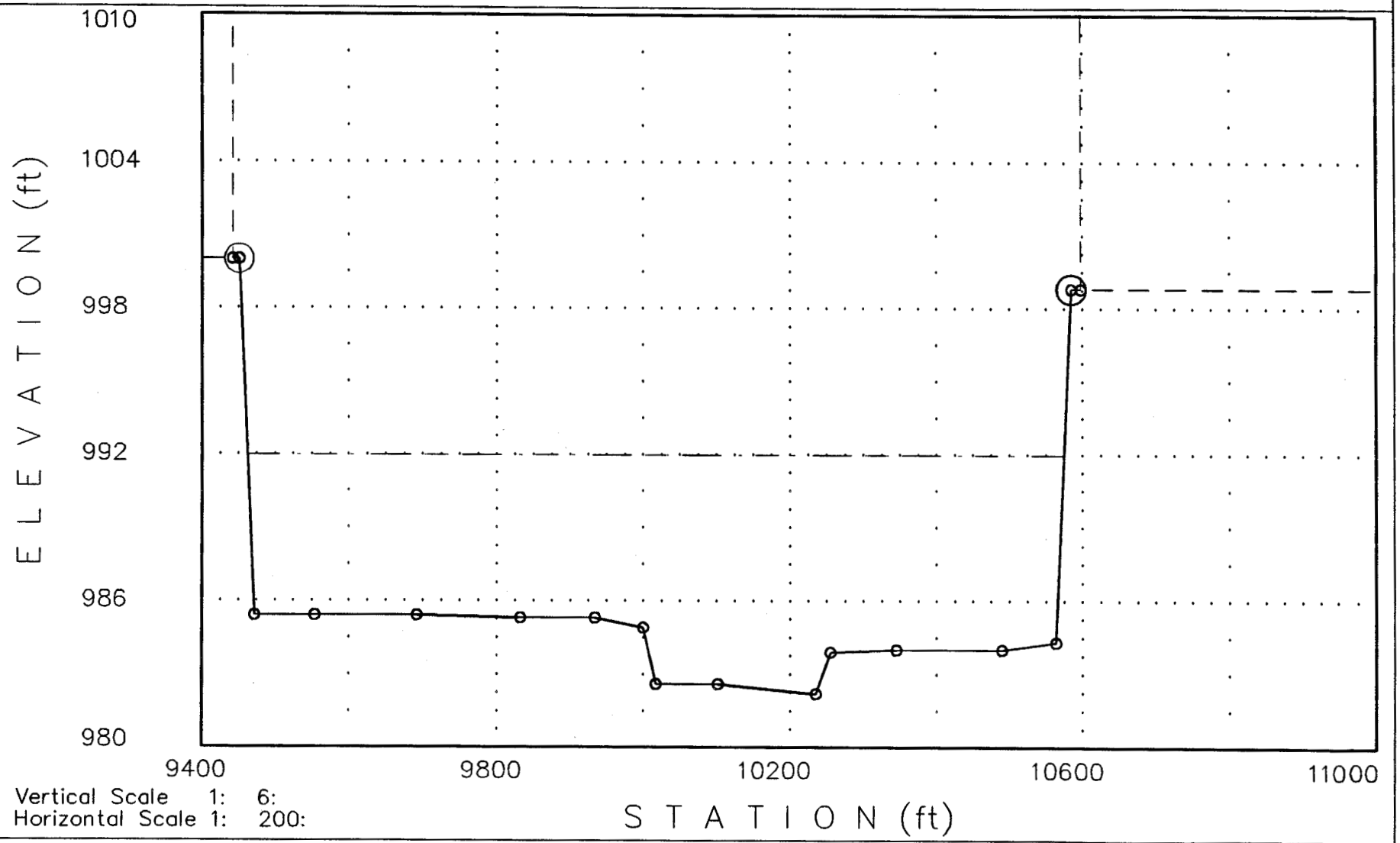
09-15-1996

<<<<<< Cross Section: 6.69: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 991.98

Q2= 54400cfs WS2= 991.98

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

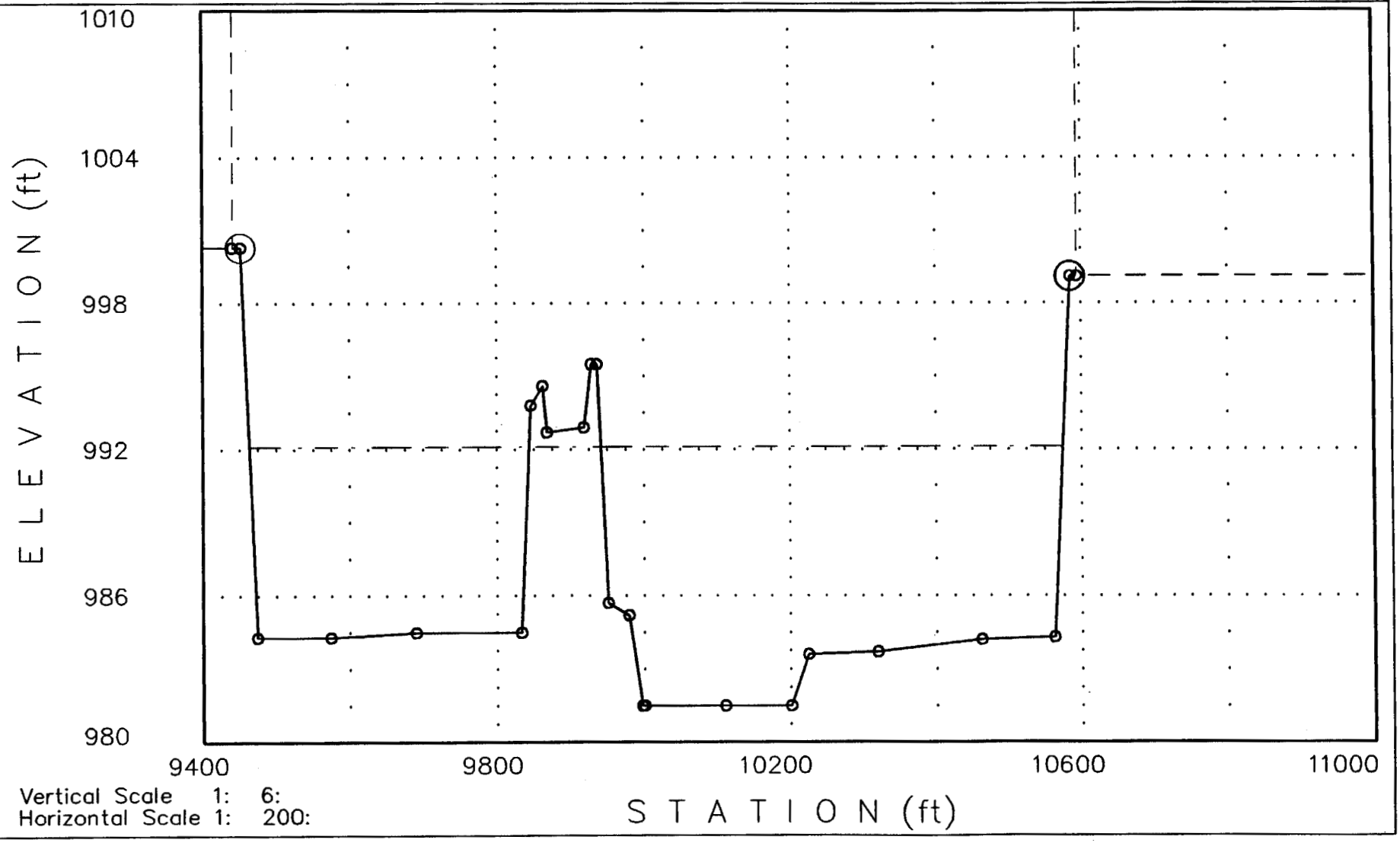
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.71: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 992.11
Q2= 54400cfs WS2= 992.11

Manning-n Values: LOB: 0 CH: .03 ROB: 0



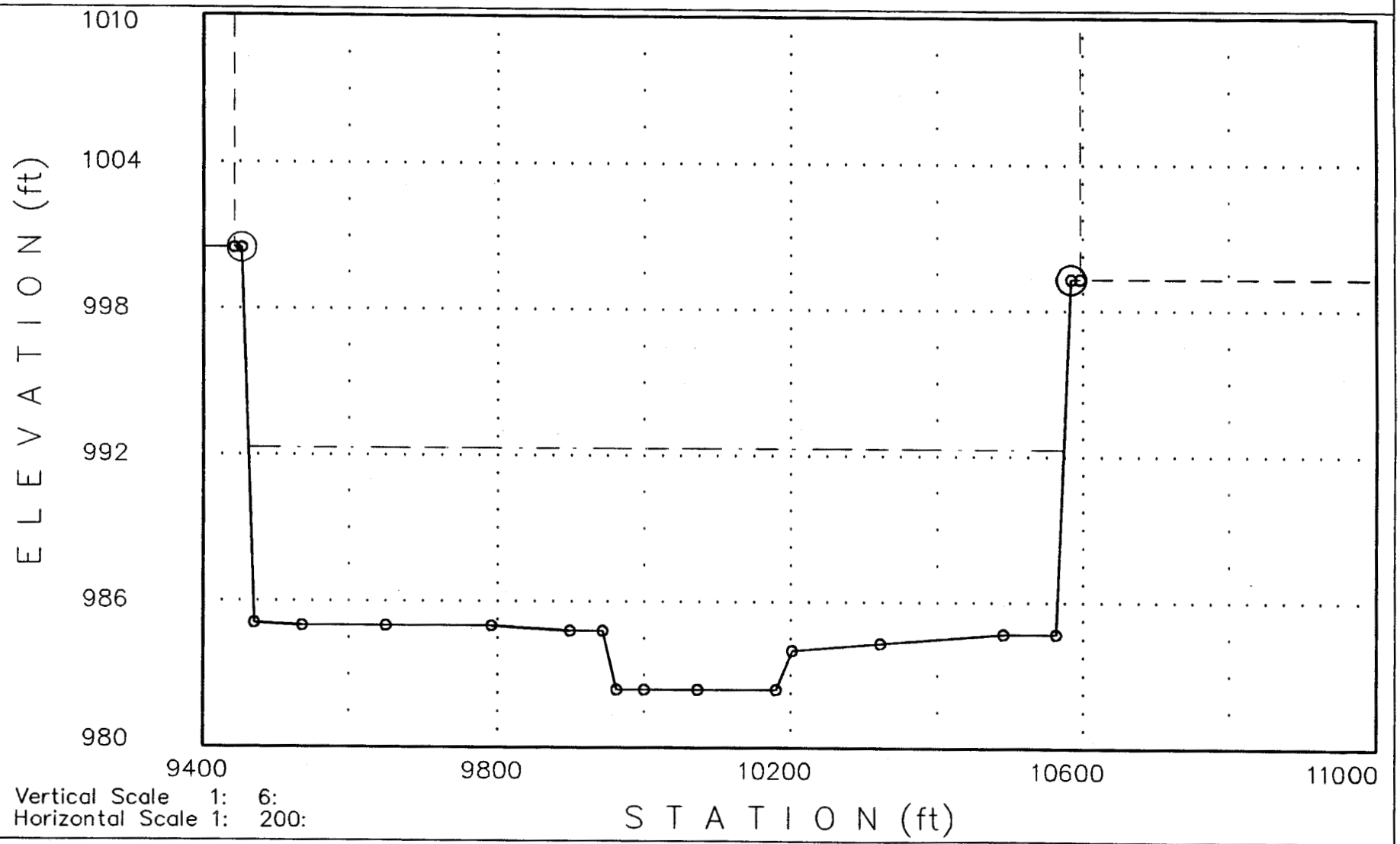
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.73: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 992.3
Q2= 54400cfs WS2= 992.3

Manning-n Values: LOB: 0 CH: .03 ROB: 0



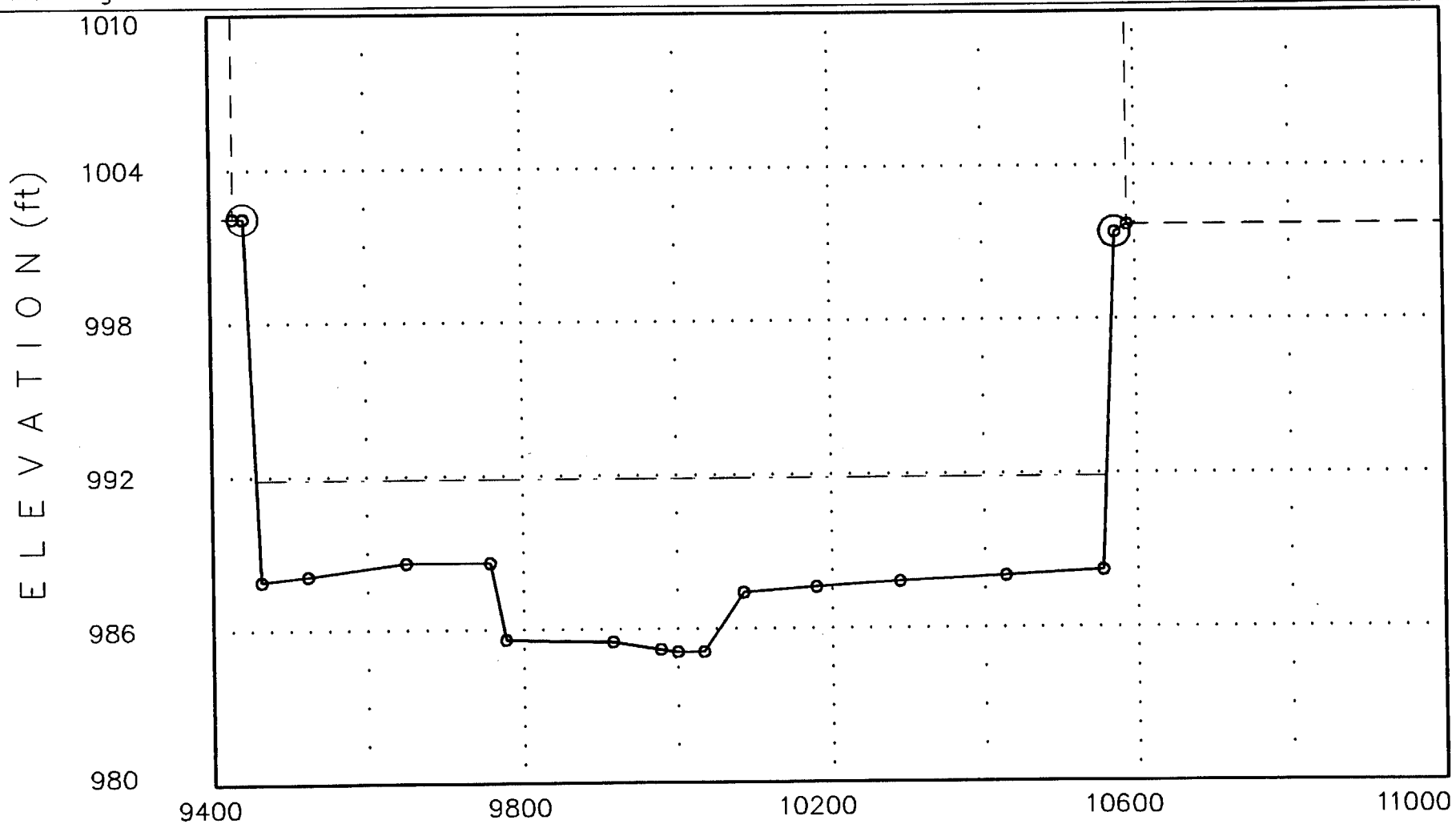
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.77: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 991.88
Q2= 54400cfs WS2= 991.88

Manning-n Values: LOB: 0 CH: .03 ROB: 0



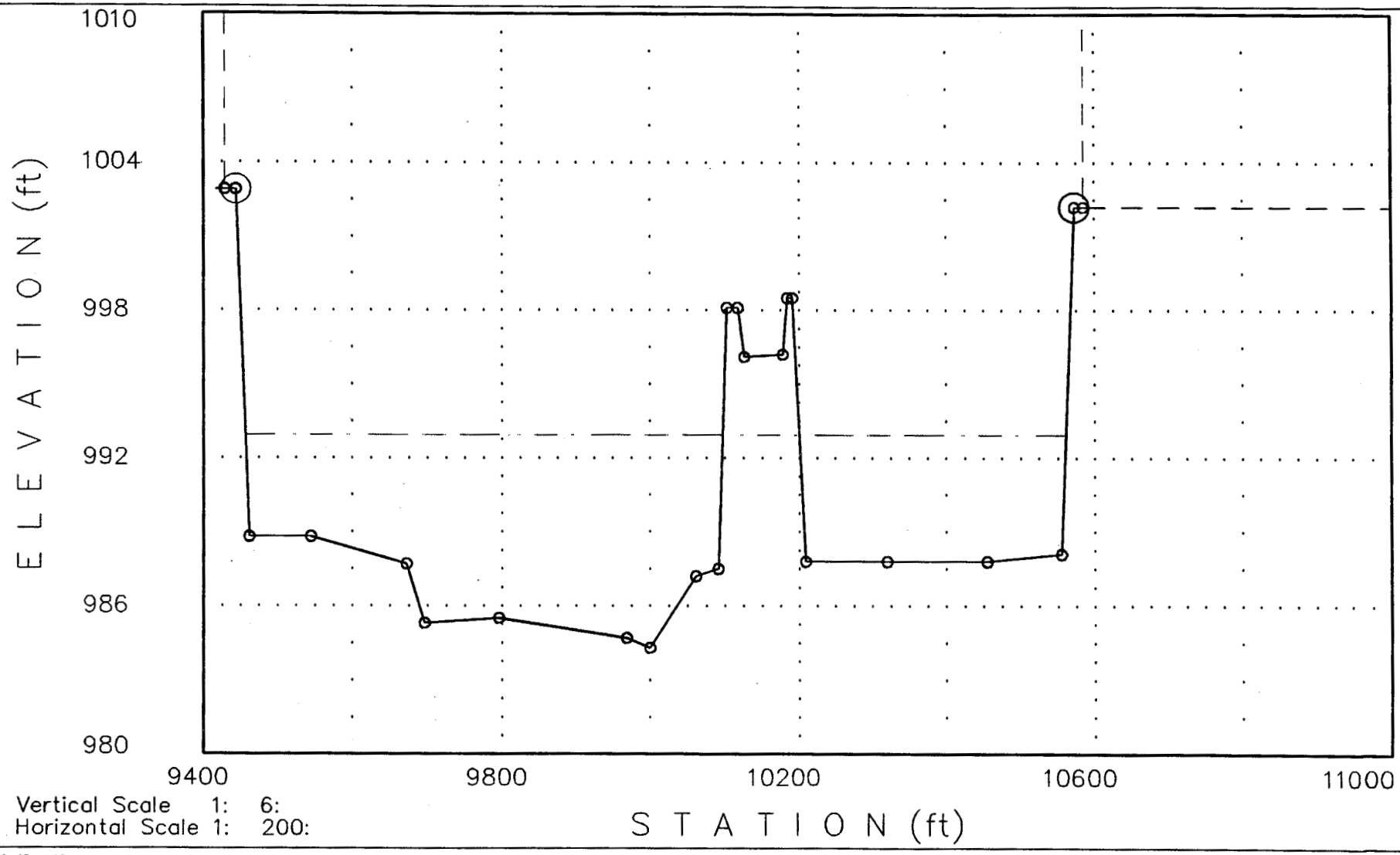
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.79: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 992.93
Q2= 54400cfs WS2= 992.93

Manning-n Values: LOB: 0 CH: .03 ROB: 0



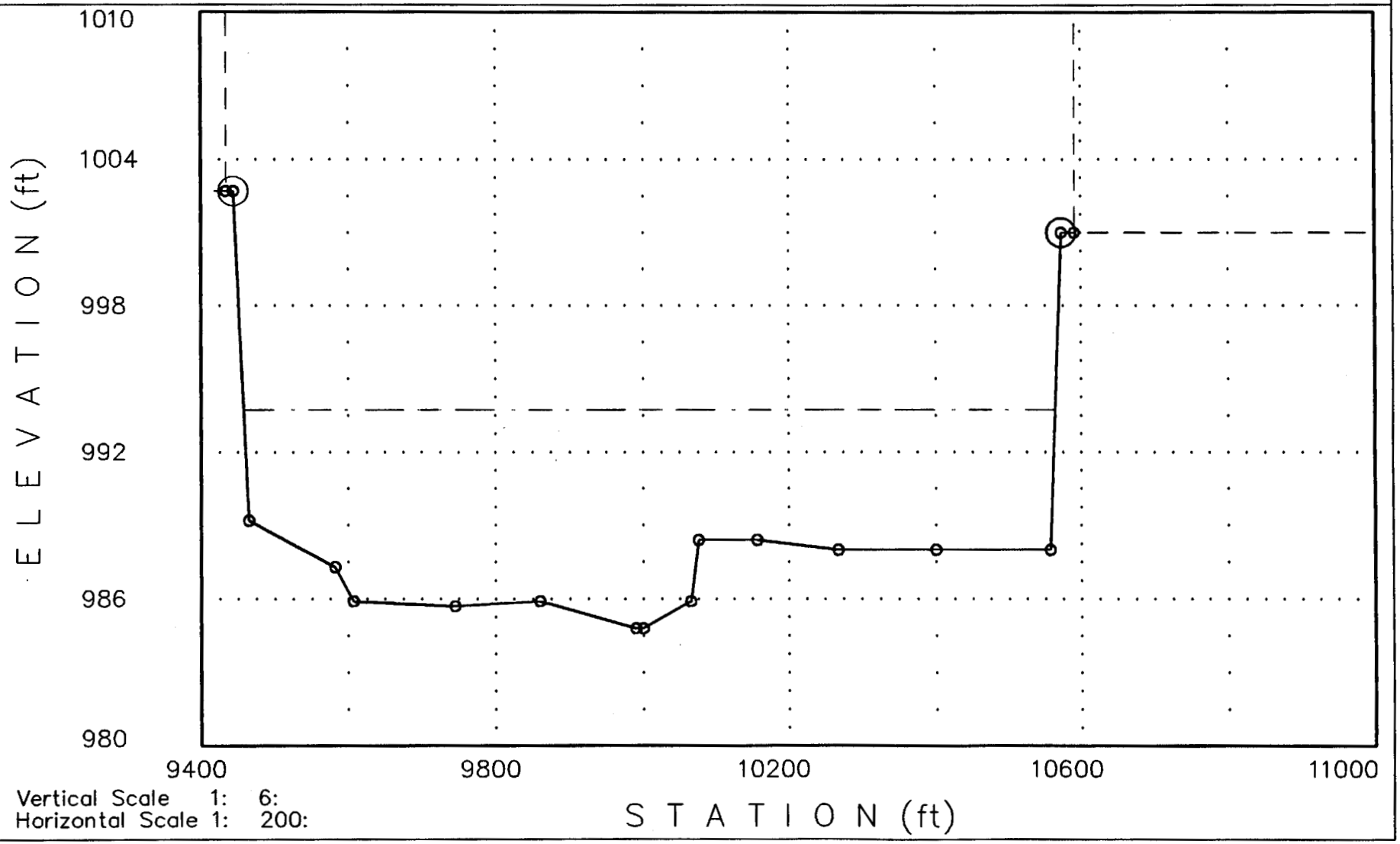
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.82: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 993.73
Q2= 54400cfs WS2= 993.73

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

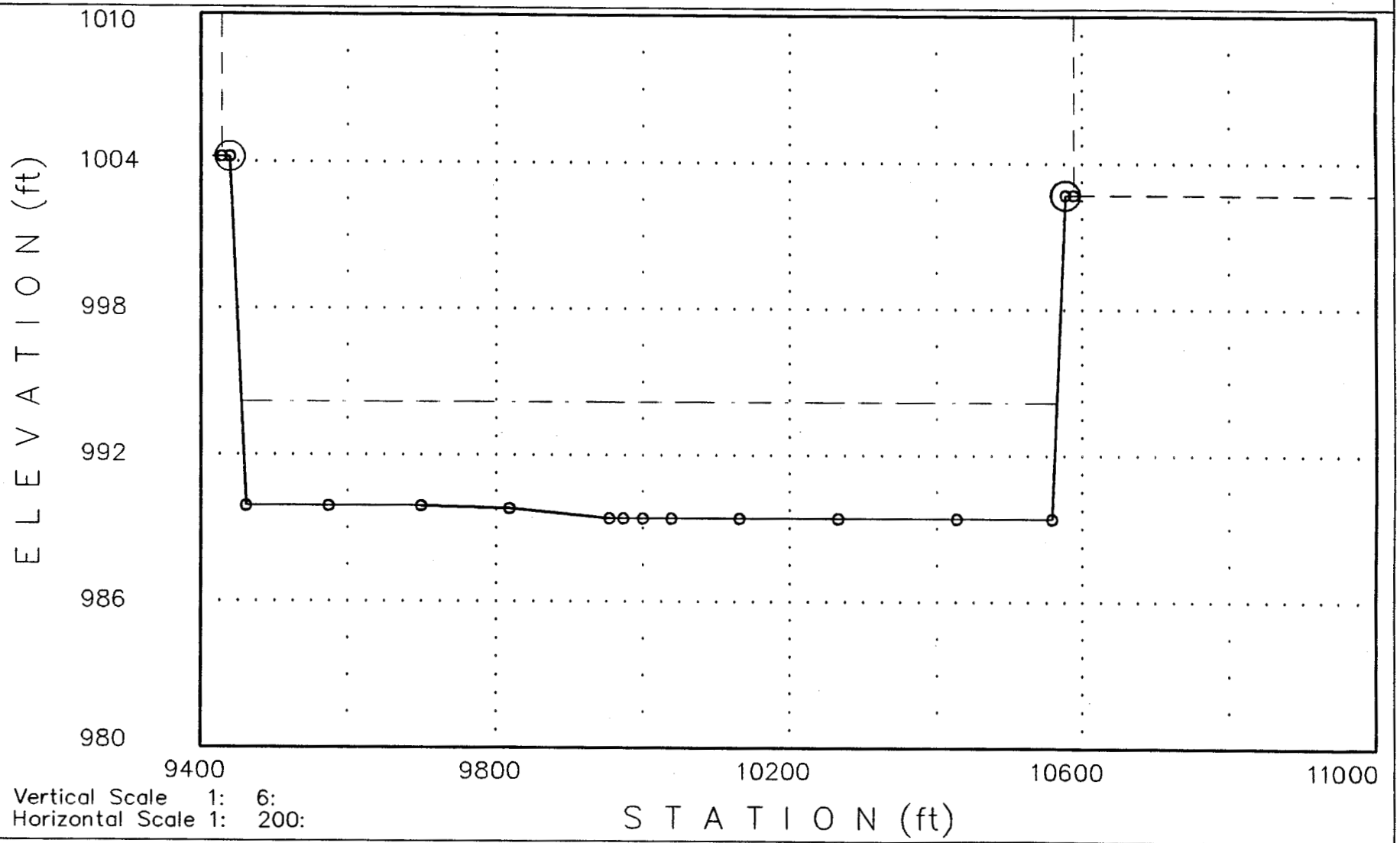
09-15-1996

<<<<<< Cross Section: 6.89: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 994.18

Q2= 54400cfs WS2= 994.18

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

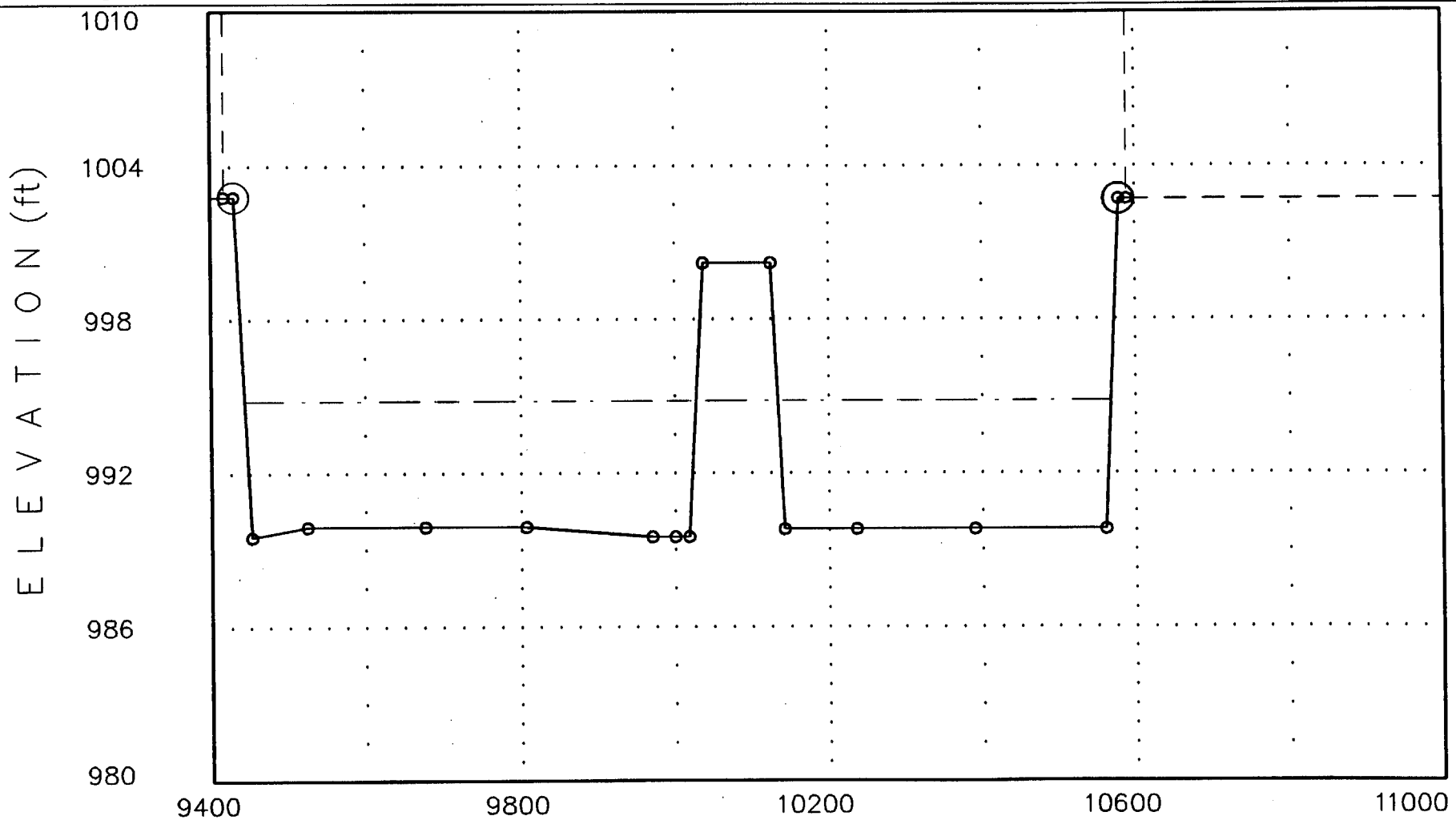
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.91: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 994.81
Q2= 54400cfs WS2= 994.81

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 200:

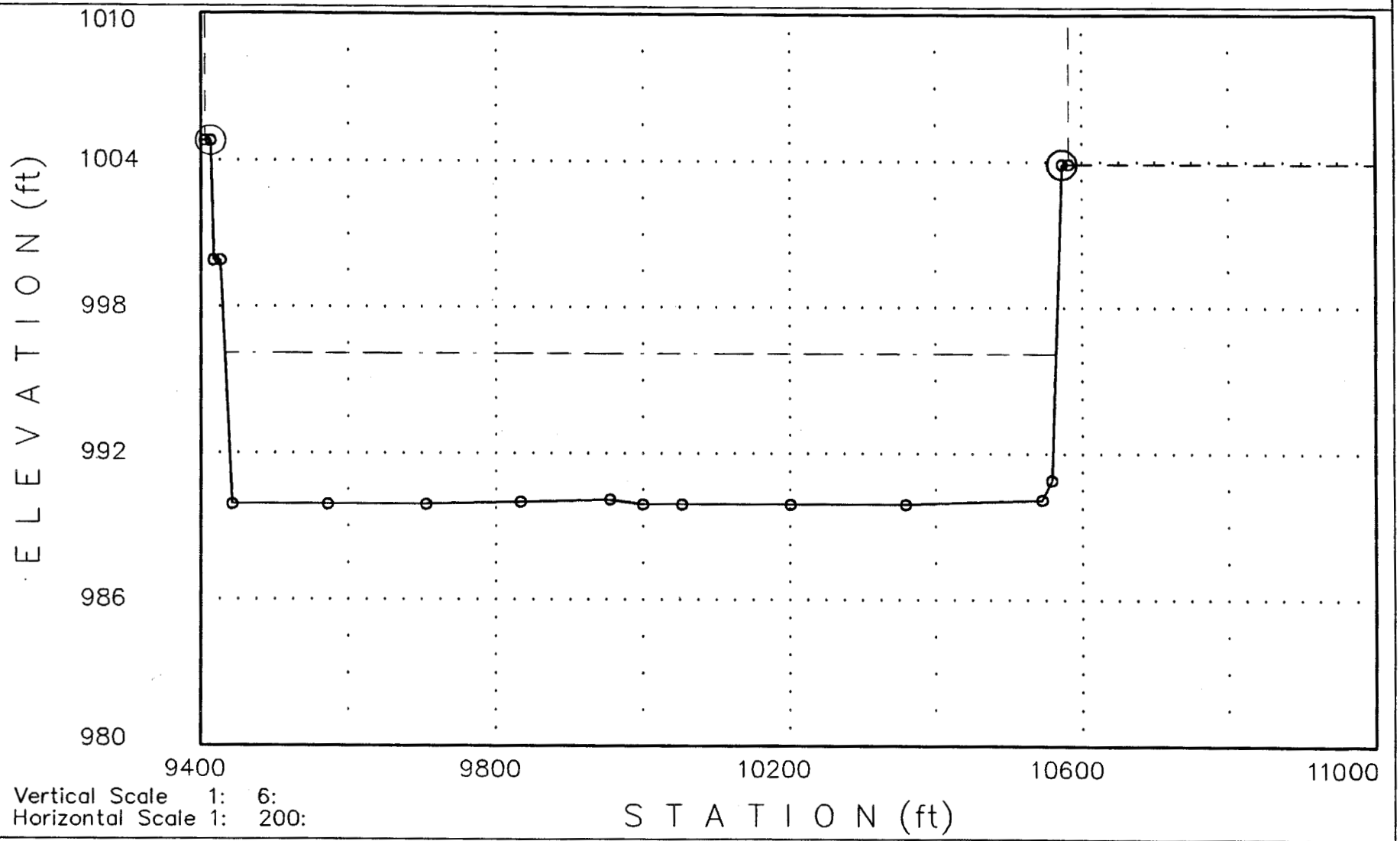
09-15-1996

<<<<<< Cross Section: 6.93: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 996.11

Q2= 54400cfs WS2= 996.11

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

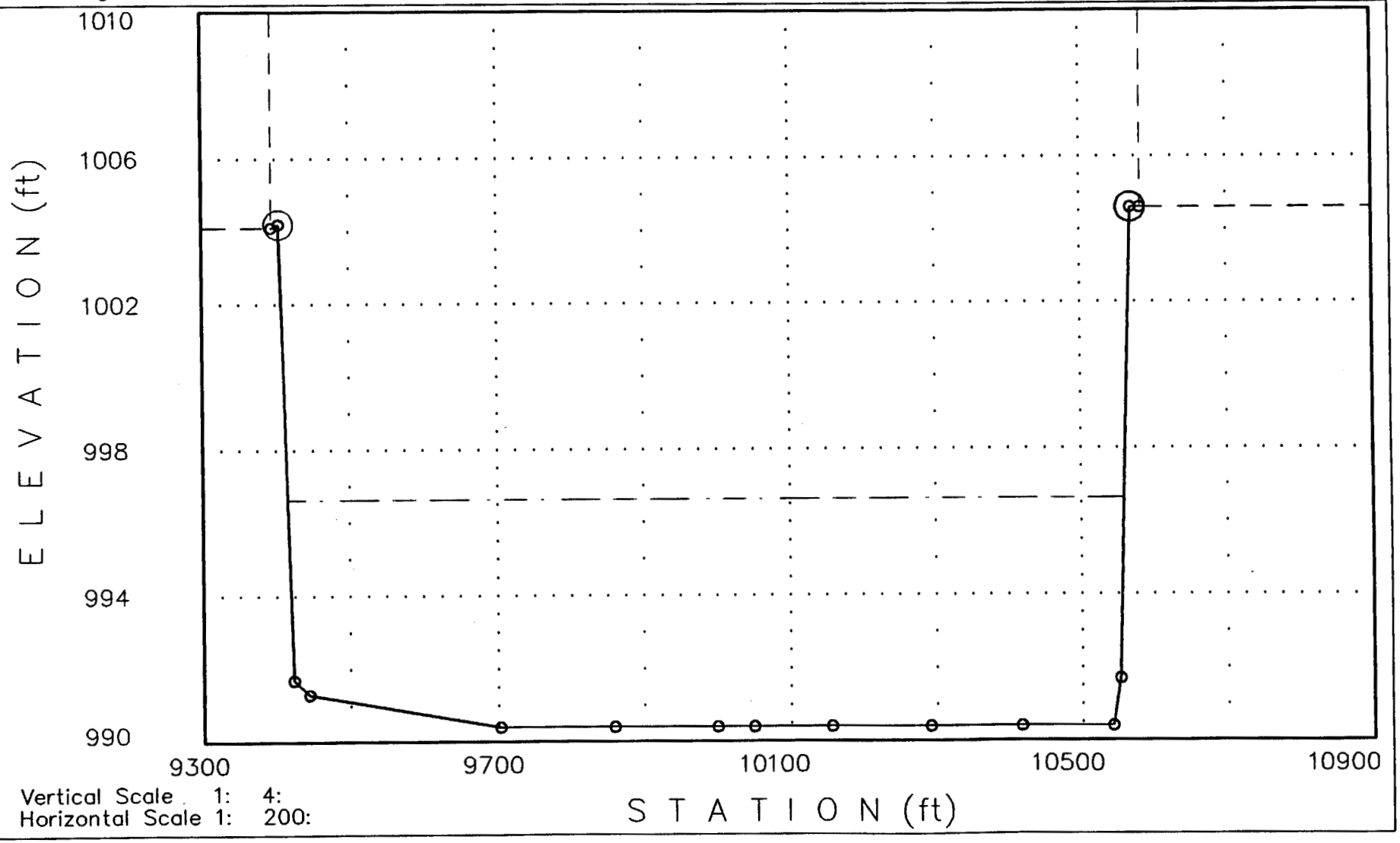
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 6.97: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 996.63
Q2= 54400cfs WS2= 996.63

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

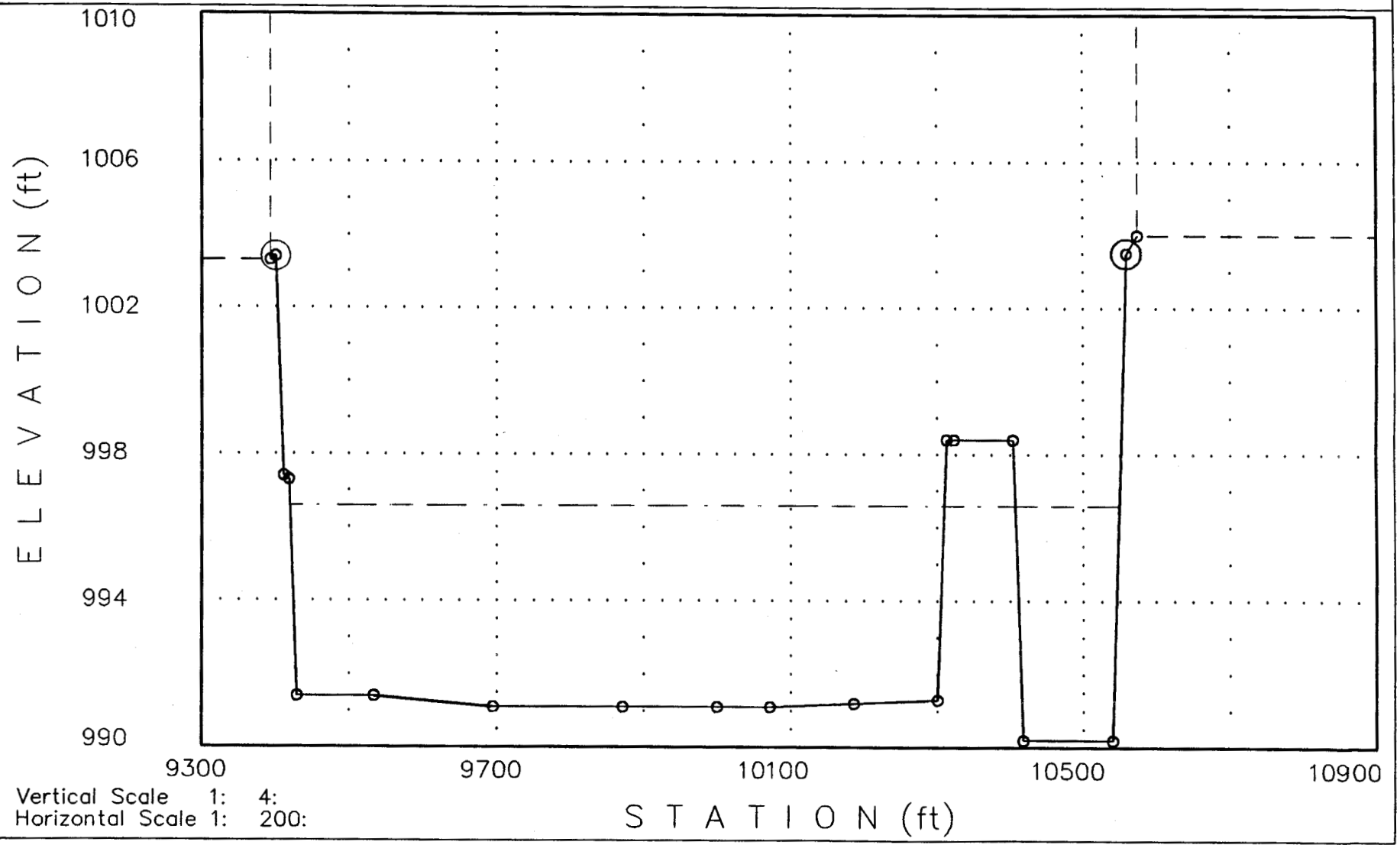
09-15-1996

<<<<<< Cross Section: 6.99: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 996.59

Q2= 54400cfs WS2= 996.59

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:

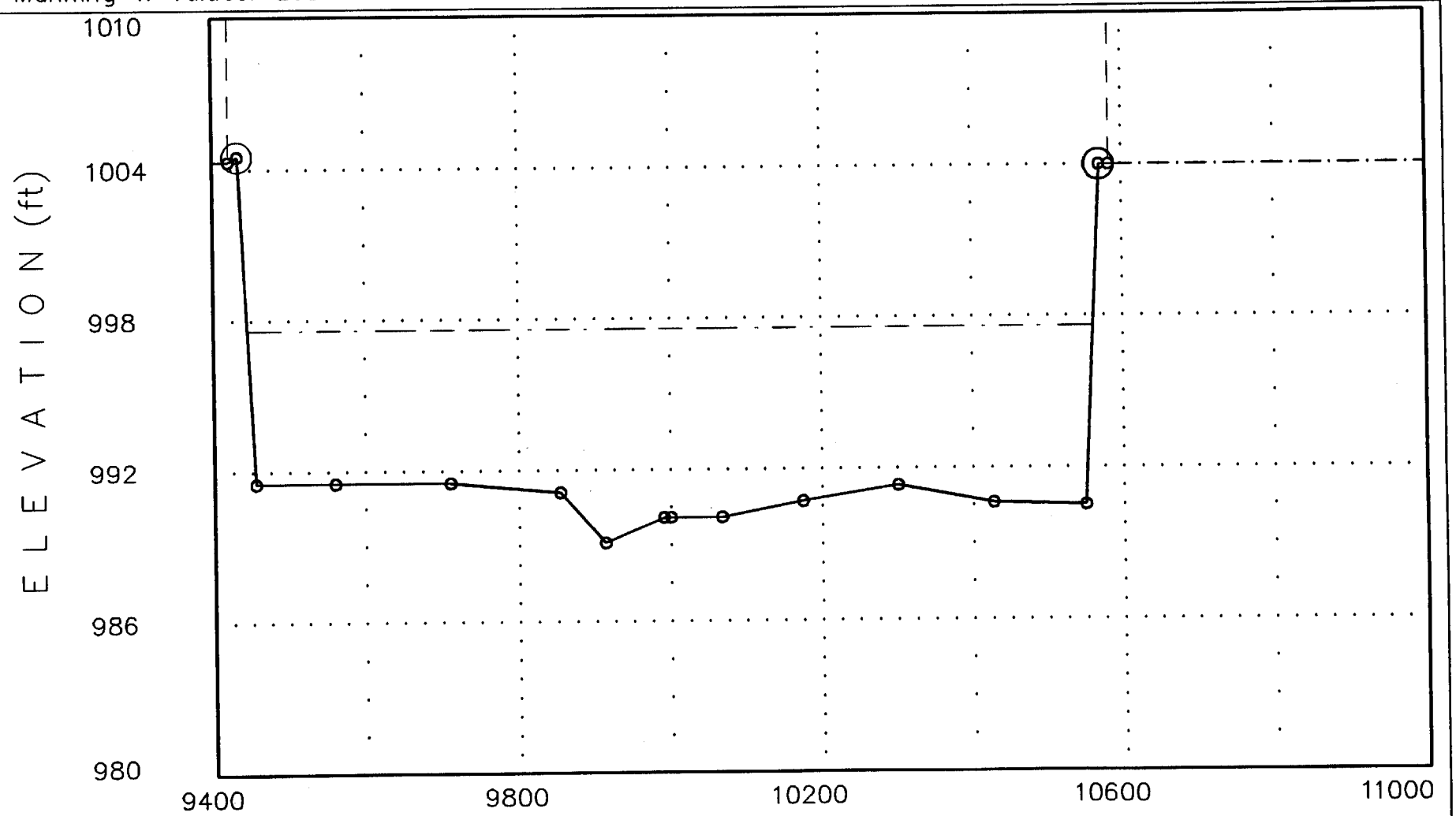
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.02: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 997.61
Q2= 54400cfs WS2= 997.61

Manning-n Values: LOB: 0 CH: .03 ROB: 0



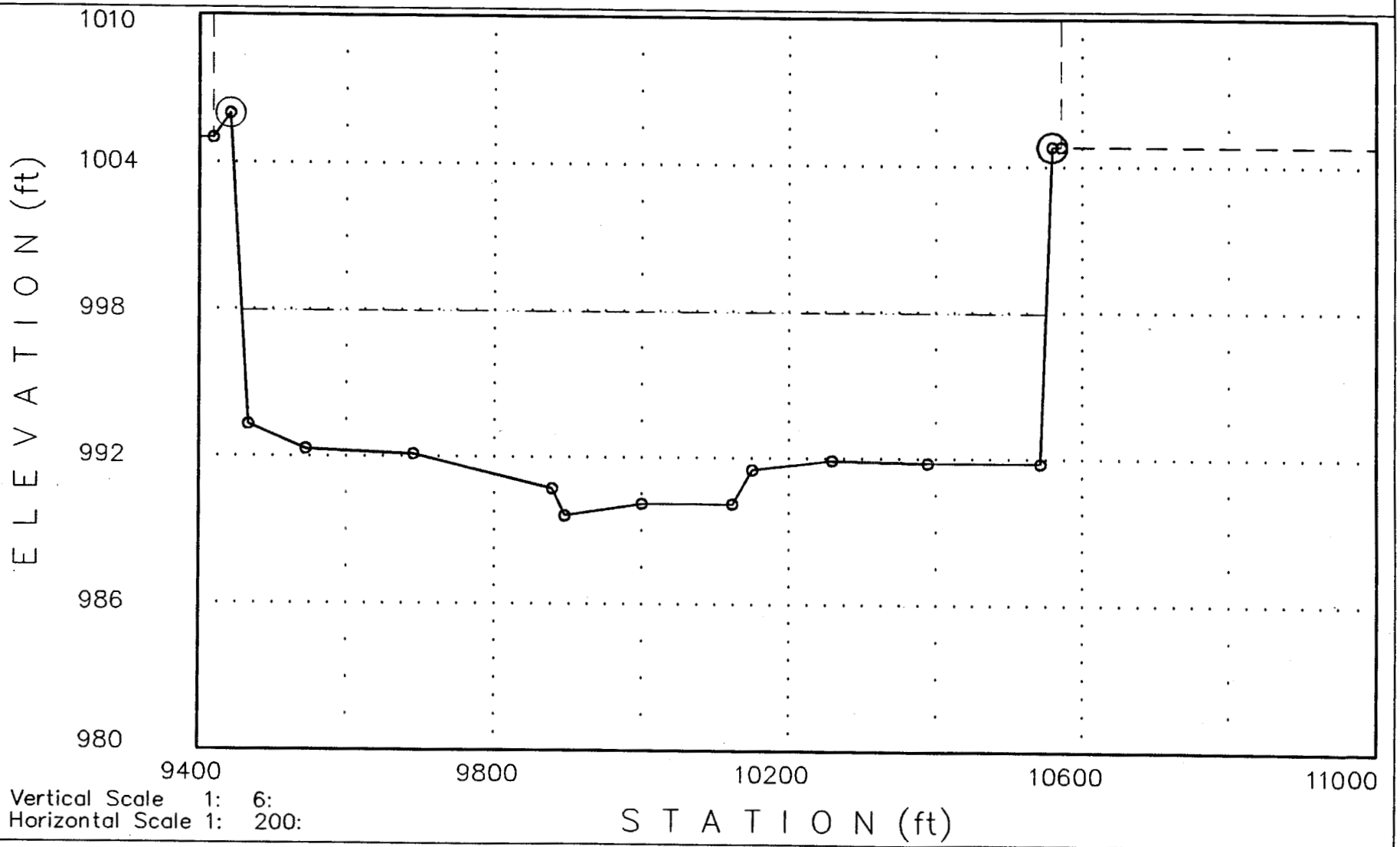
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.06: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 997.96
Q2= 54400cfs WS2= 997.96

Manning-n Values: LOB: 0 CH: .03 ROB: 0



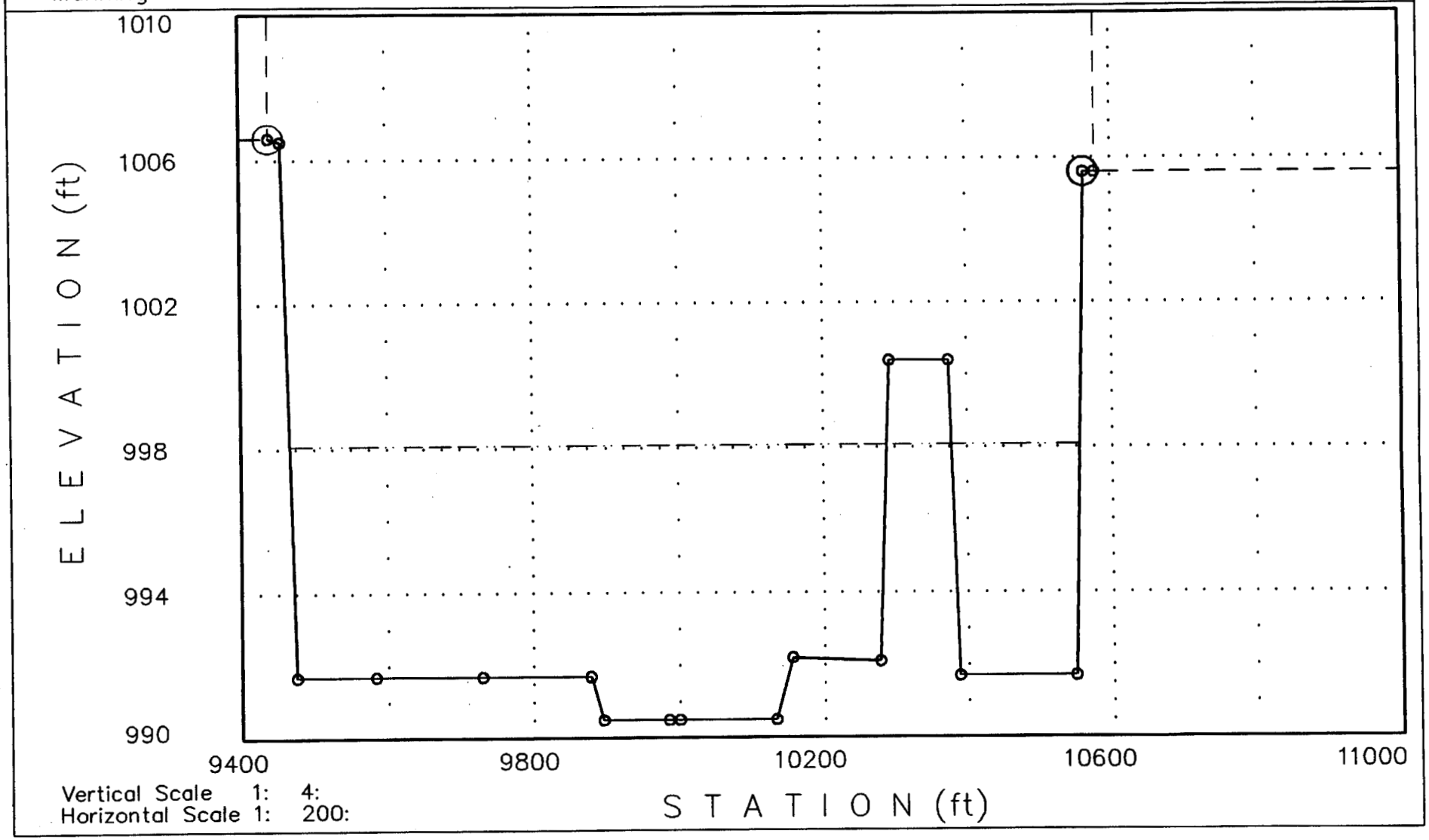
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.08: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 998.08
Q2= 54400cfs WS2= 998.08

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

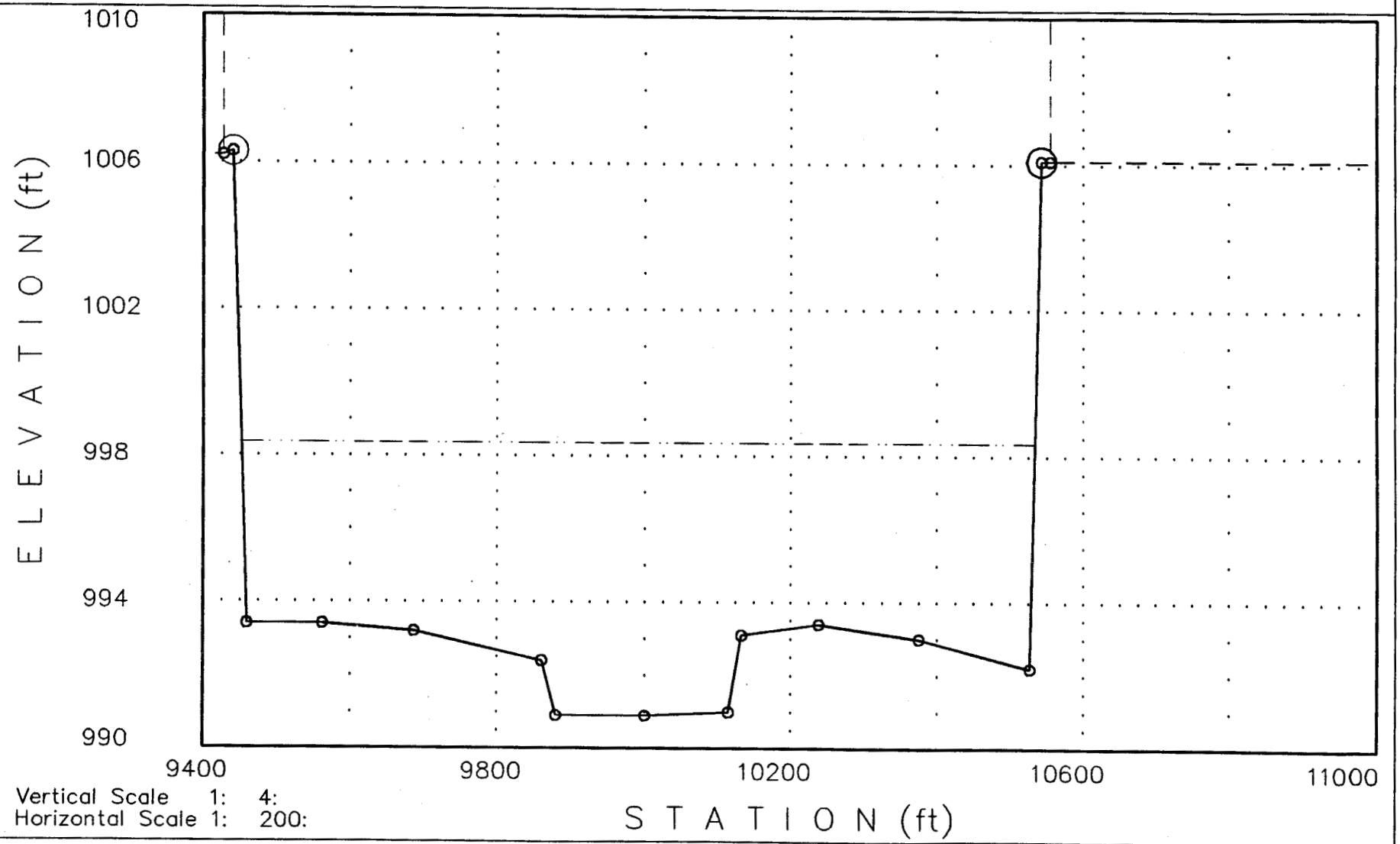
09-15-1996

<<<<<< Cross Section: 7.1: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 998.35

Q2= 54400cfs WS2= 998.35

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:

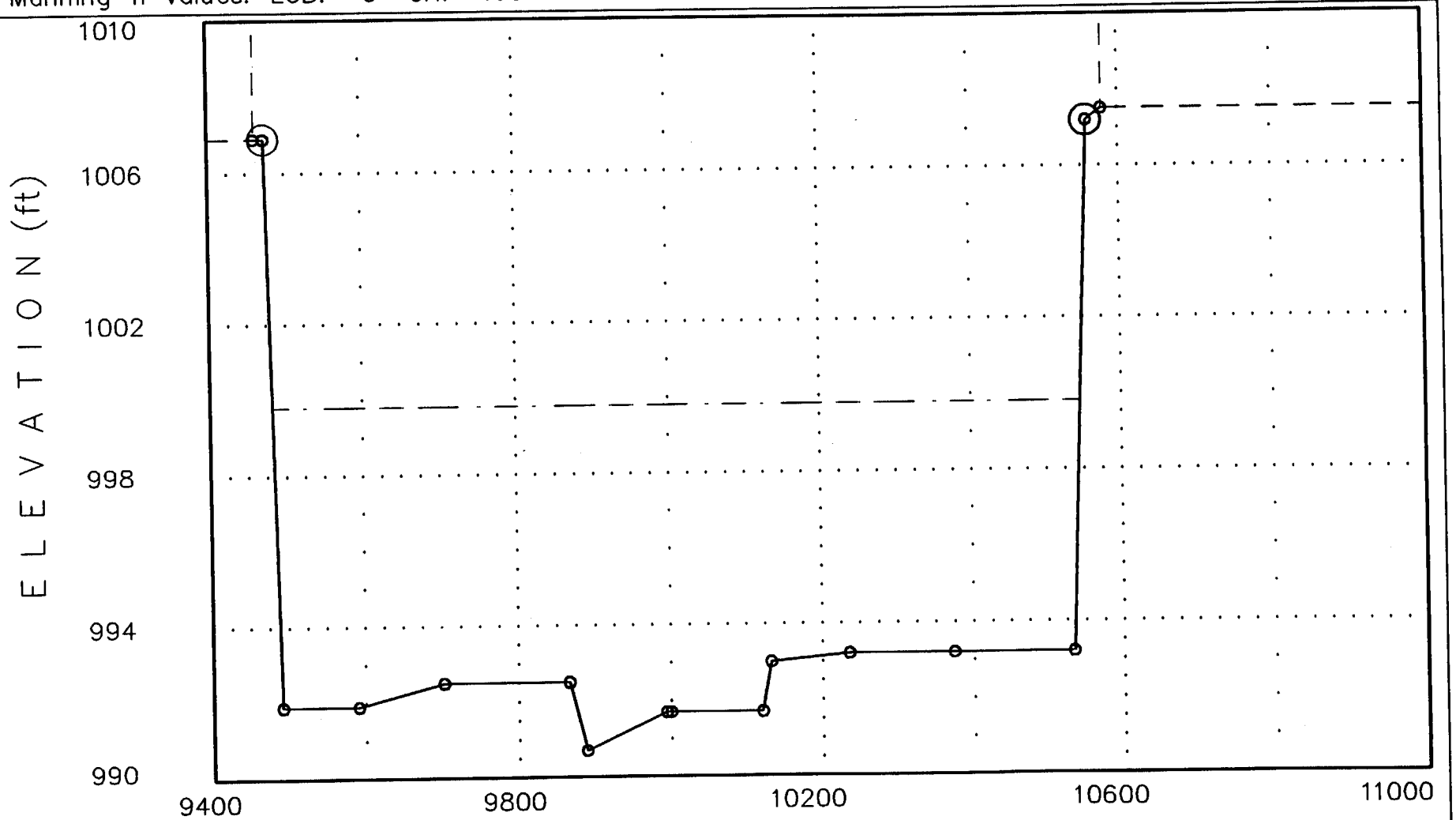
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.2: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 999.8
Q2= 54400cfs WS2= 999.8

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

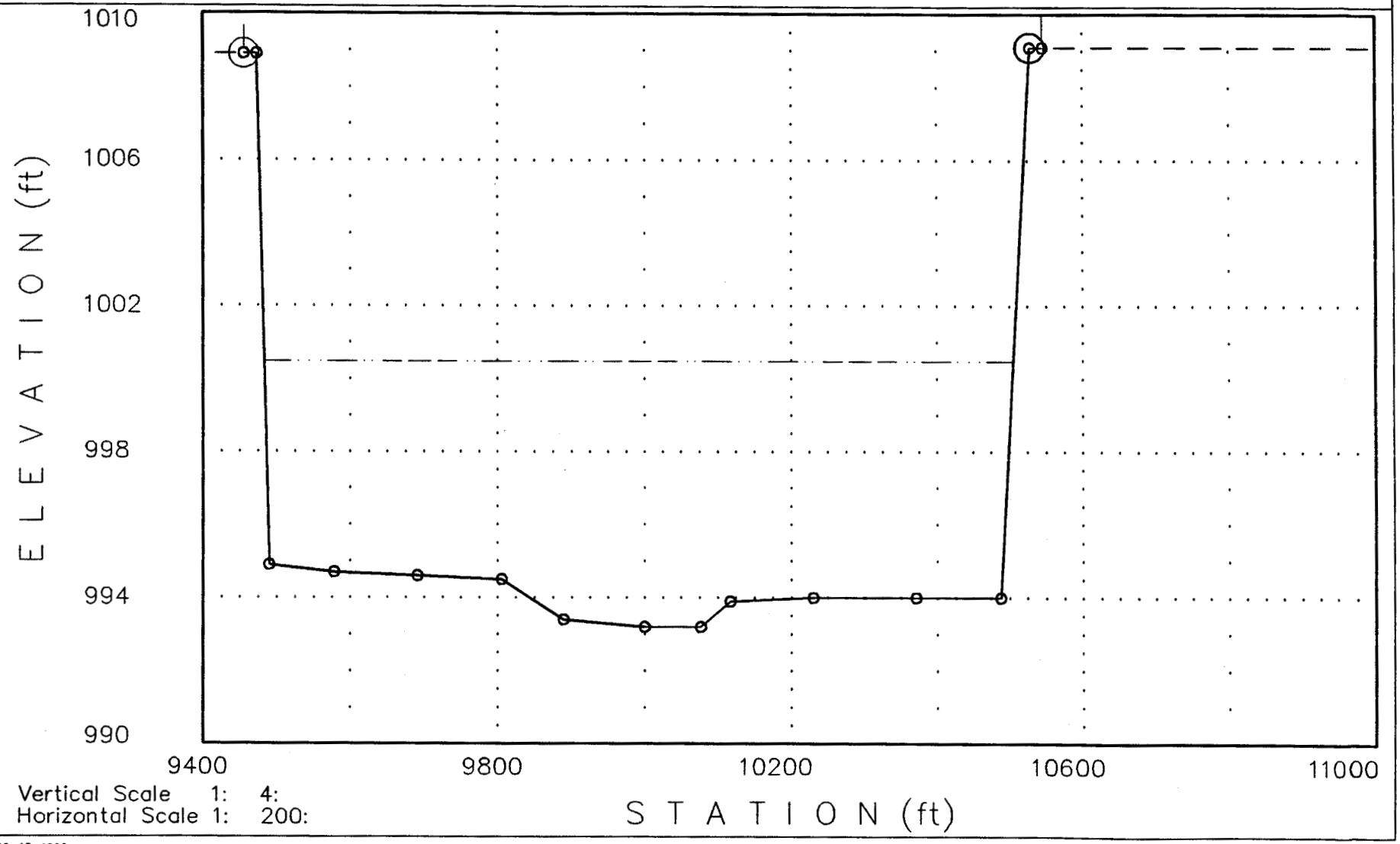
09-15-1996

<<<<<< Cross Section: 7.29: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1000.48

Q2= 54400cfs WS2= 1000.48

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:

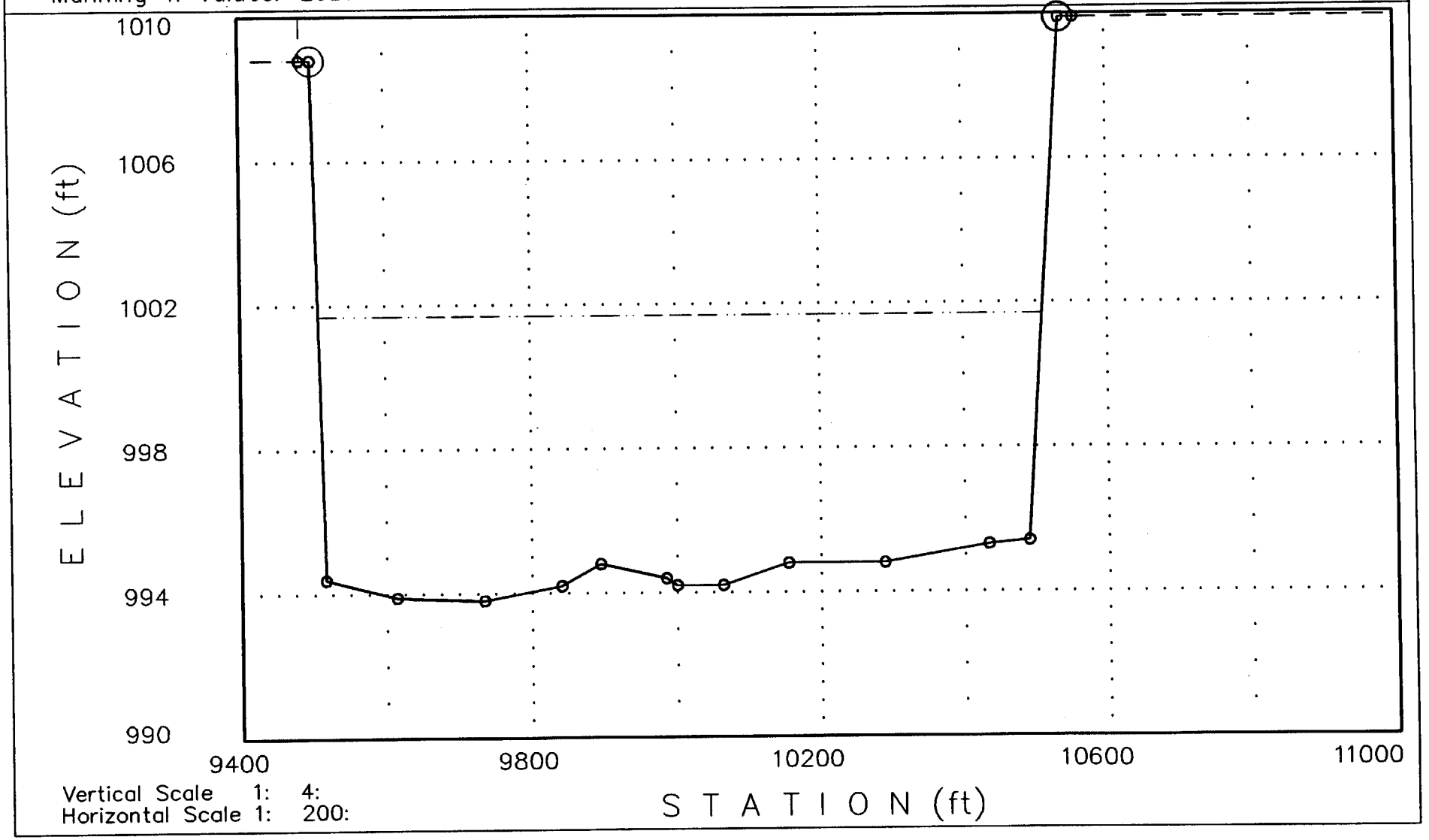
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.39: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1001.69
Q2= 54400cfs WS2= 1001.69

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 200:

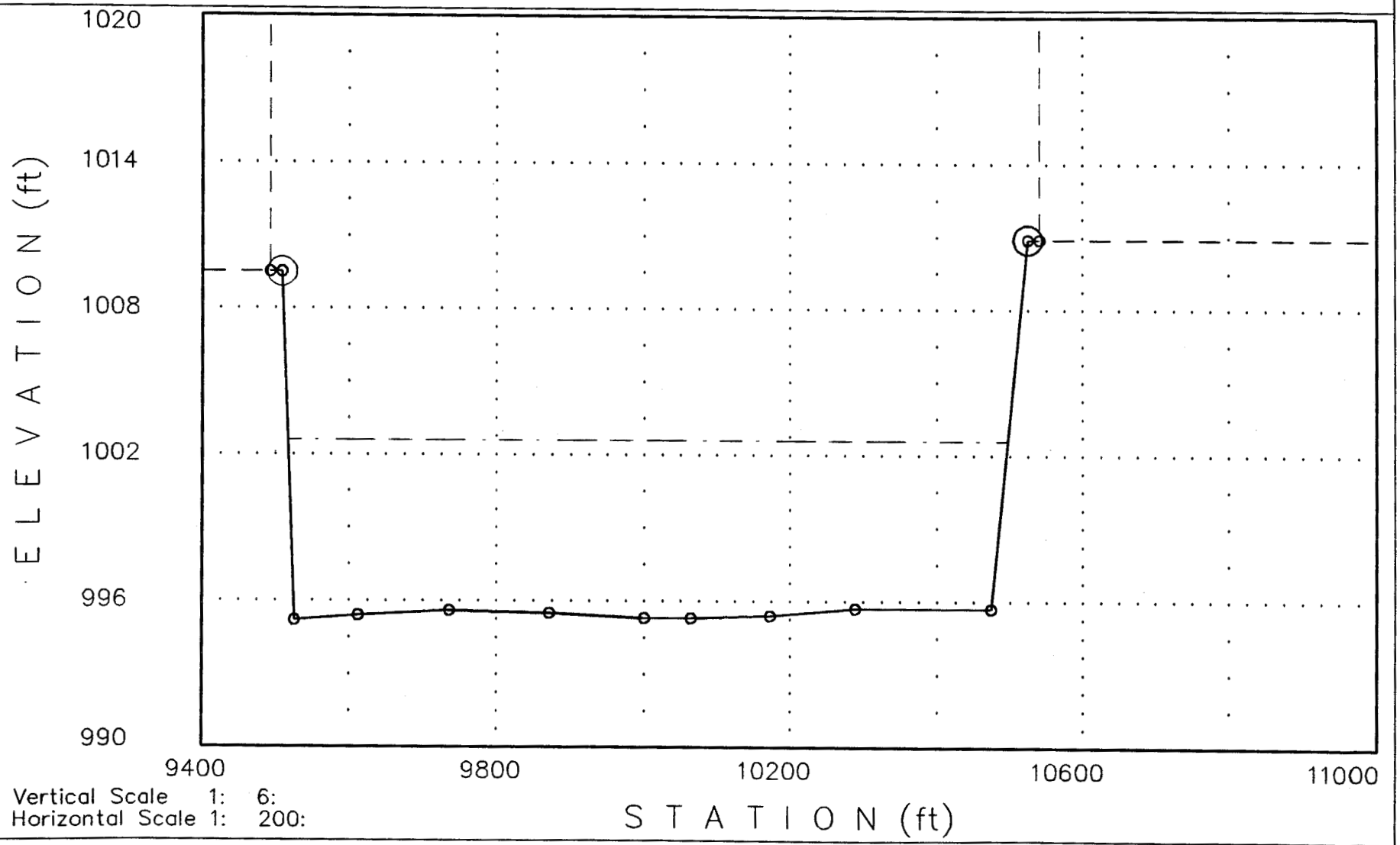
09-15-1996

<<<<<< Cross Section: 7.49: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1002.59

Q2= 54400cfs WS2= 1002.59

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

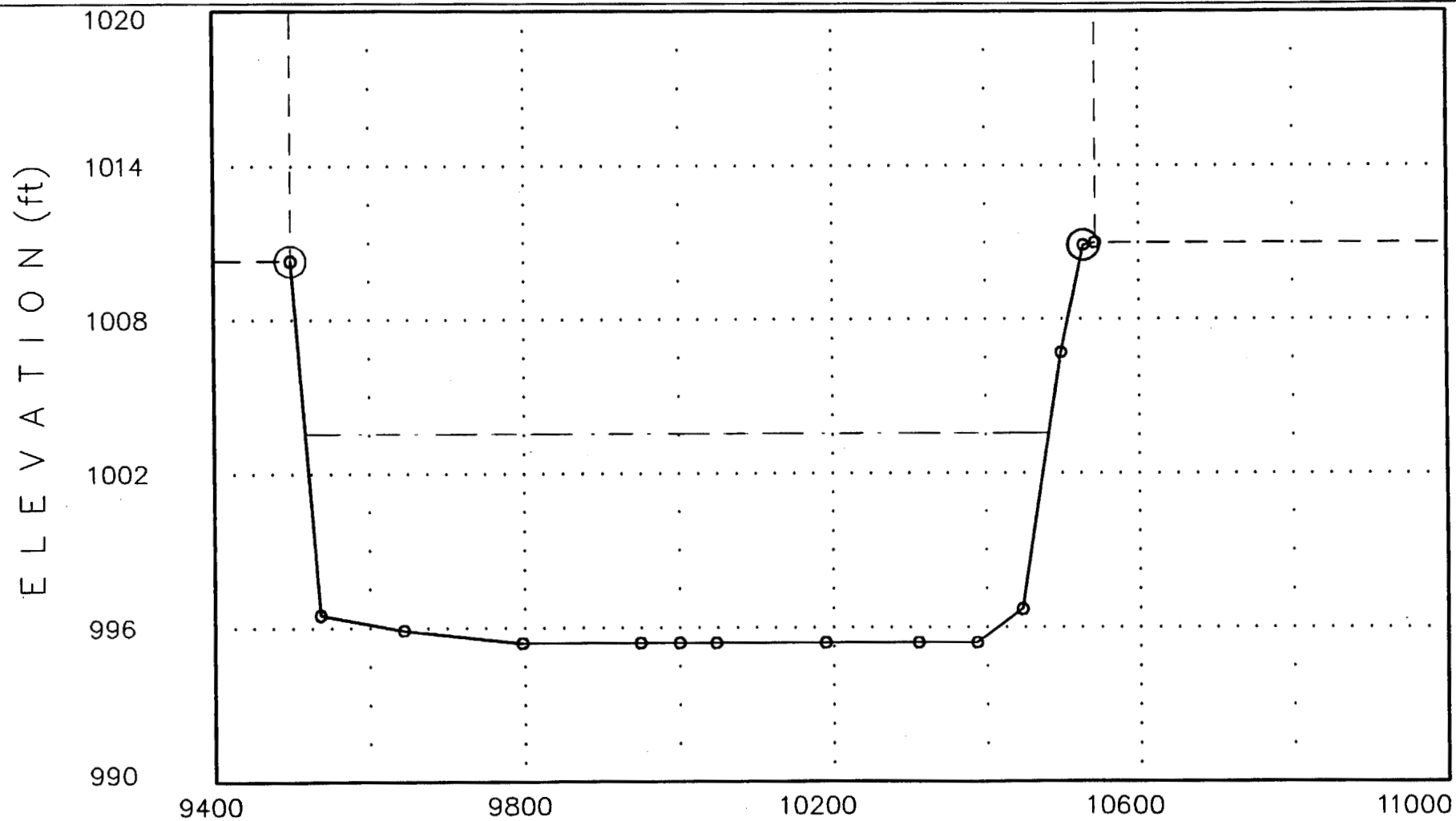
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.58: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1003.55
Q2= 54400cfs WS2= 1003.55

Manning-n Values: LOB: 0 CH: .03 ROB: 0



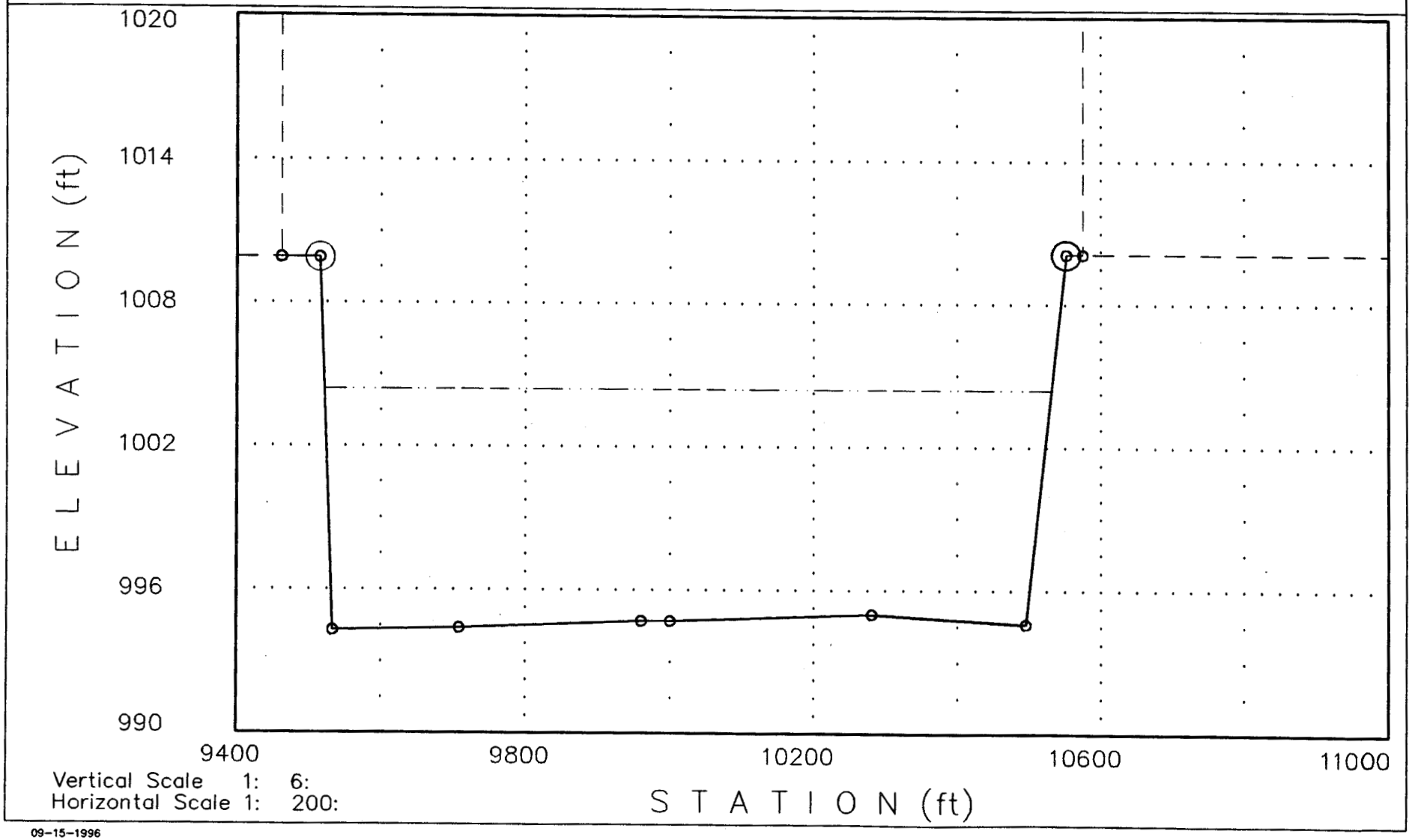
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.67: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1004.39
Q2= 54400cfs WS2= 1004.39

Manning-n Values: LOB: 0 CH: .03 ROB: 0



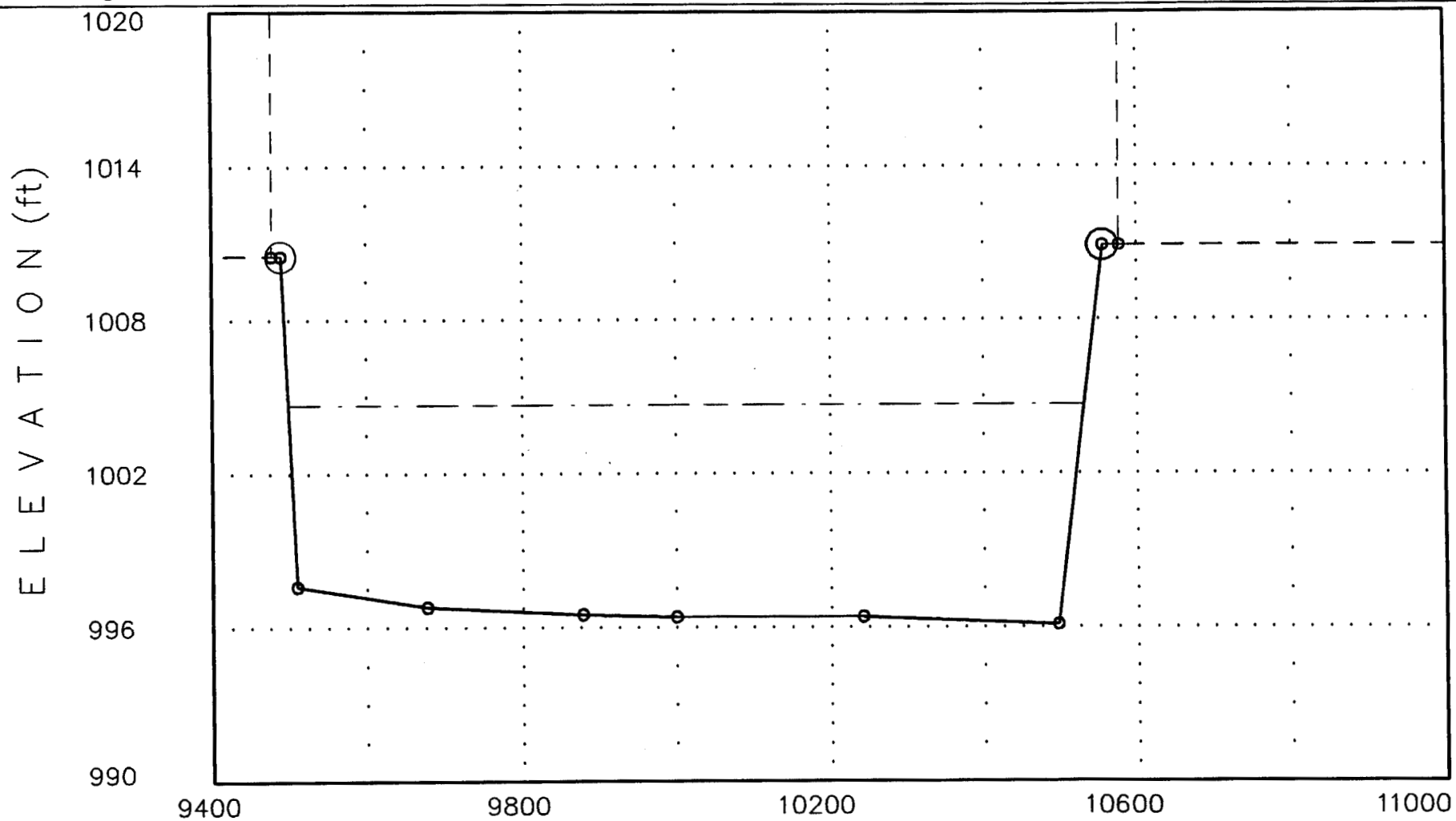
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.77: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1004.68
Q2= 54400cfs WS2= 1004.68

Manning-n Values: LOB: 0 CH: .03 ROB: 0



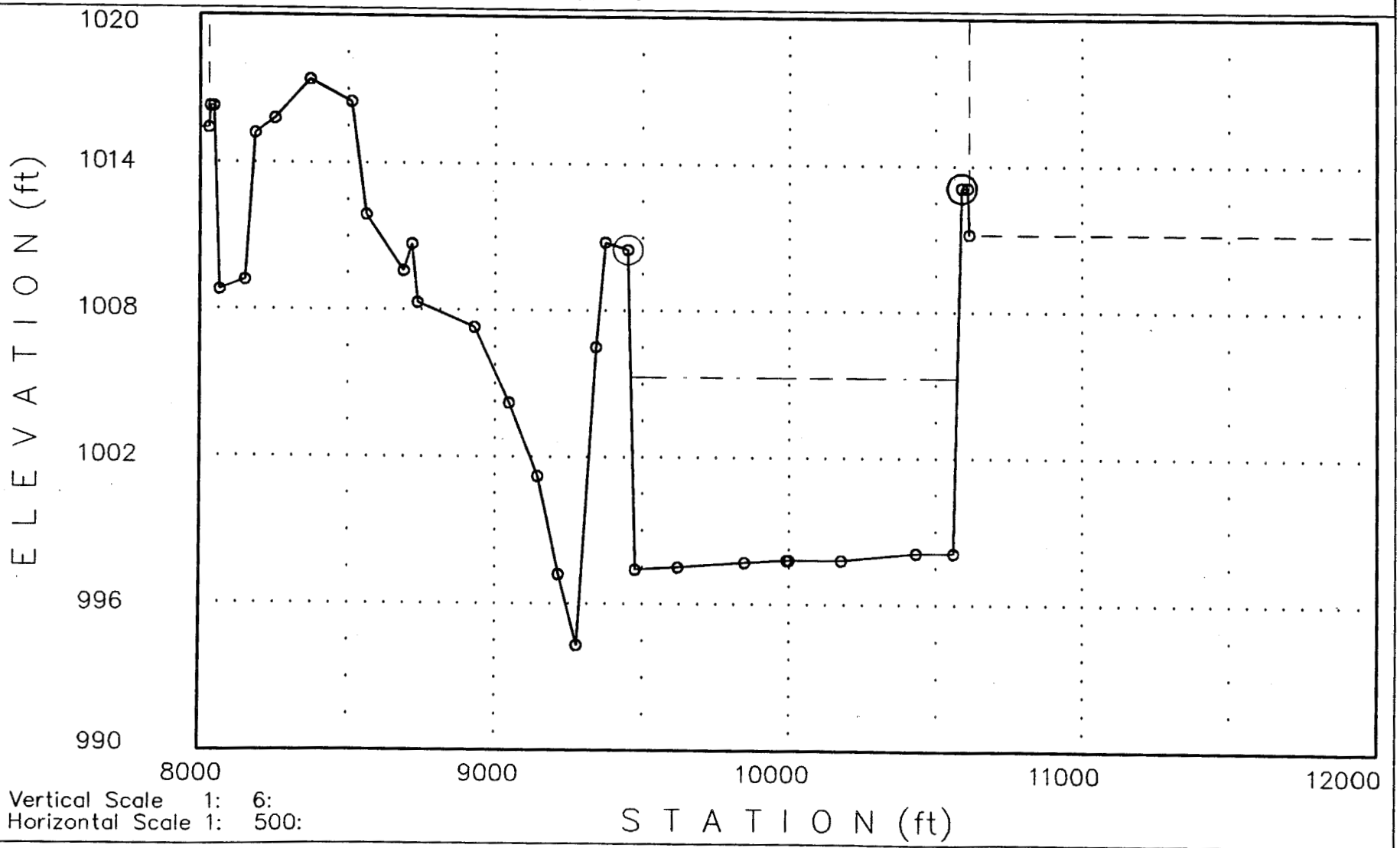
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-15-1996

<<<<<< Cross Section: 7.87: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1005.28
Q2= 54400cfs WS2= 1005.28

Manning-n Values: LOB: 0 CH: .03 ROB: 0



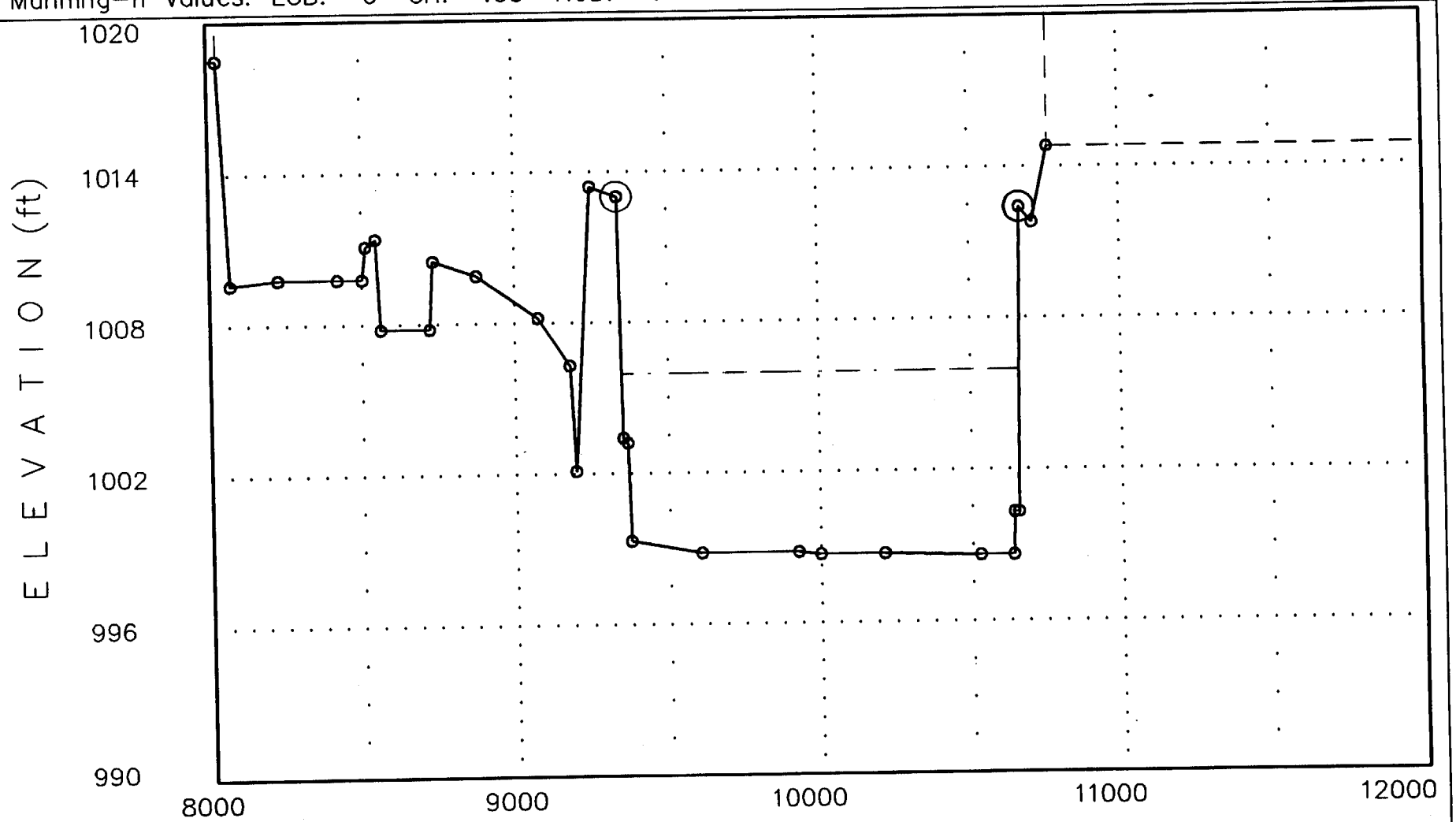
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 7.96: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1005.97
Q2= 54400cfs WS2= 1005.97

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

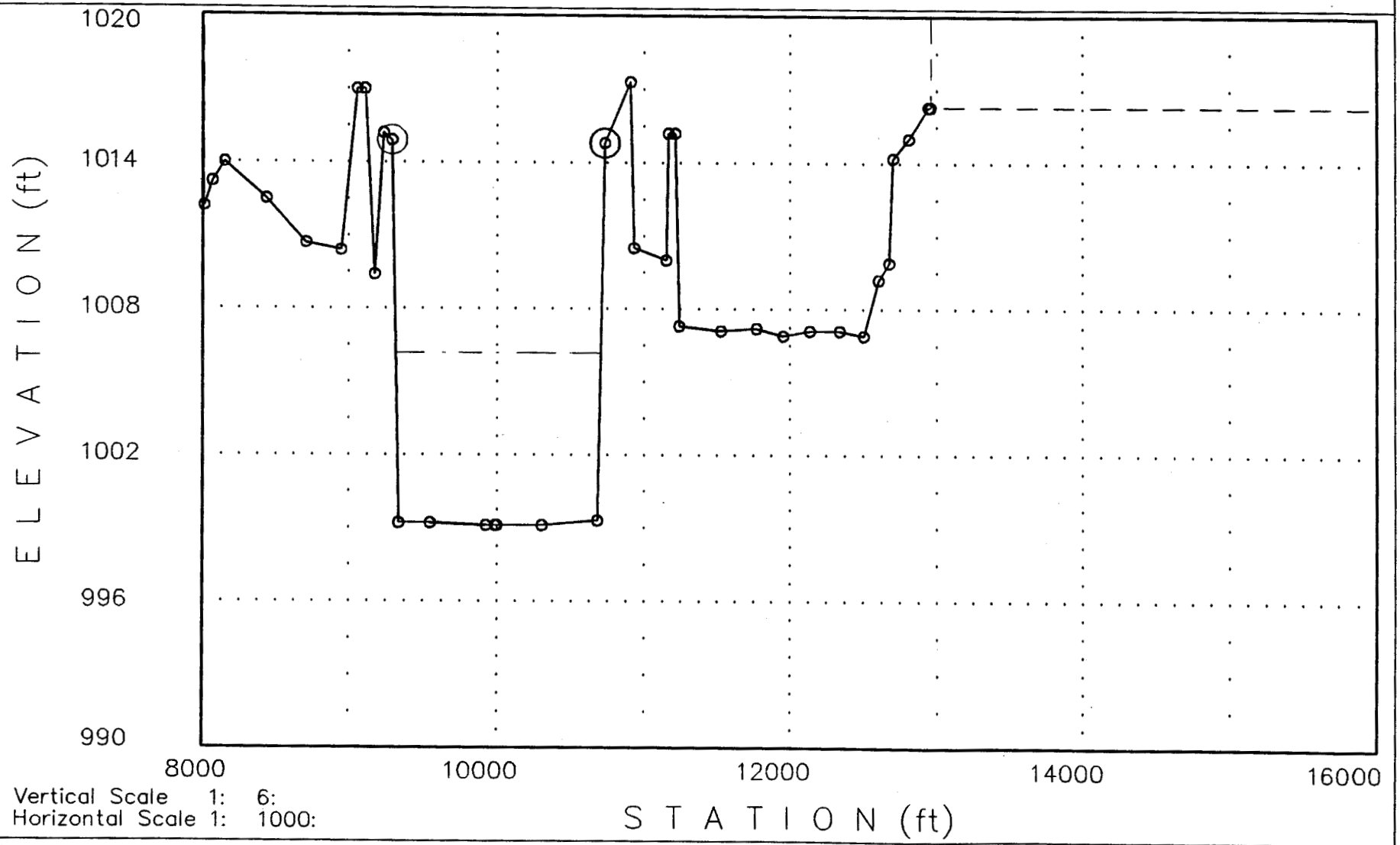
09-15-1996

<<<<<< Cross Section: 7.99: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1006.18

Q2= 54400cfs WS2= 1006.18

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 6:

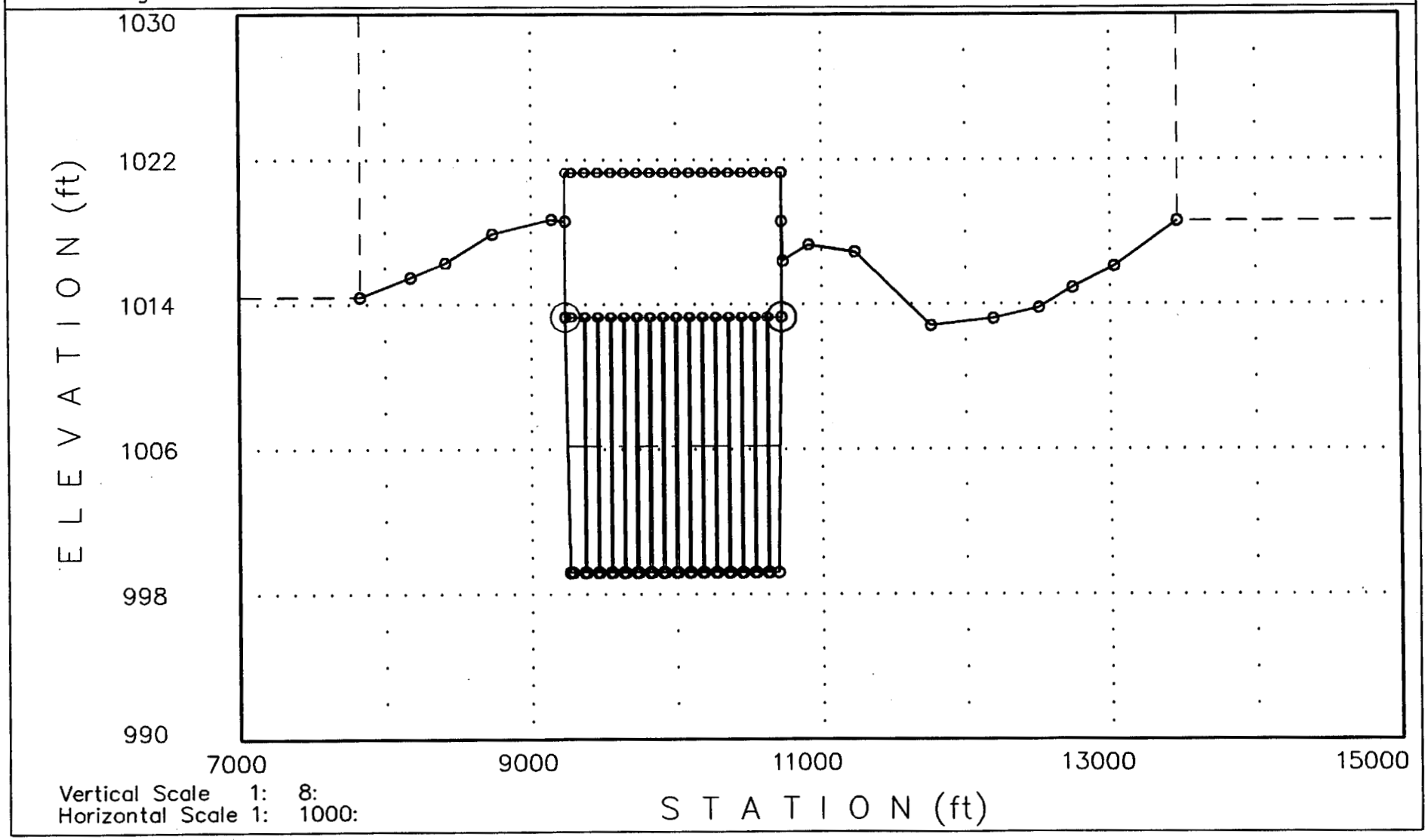
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 8: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1006.18
Q2= 54400cfs WS2= 1006.18

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

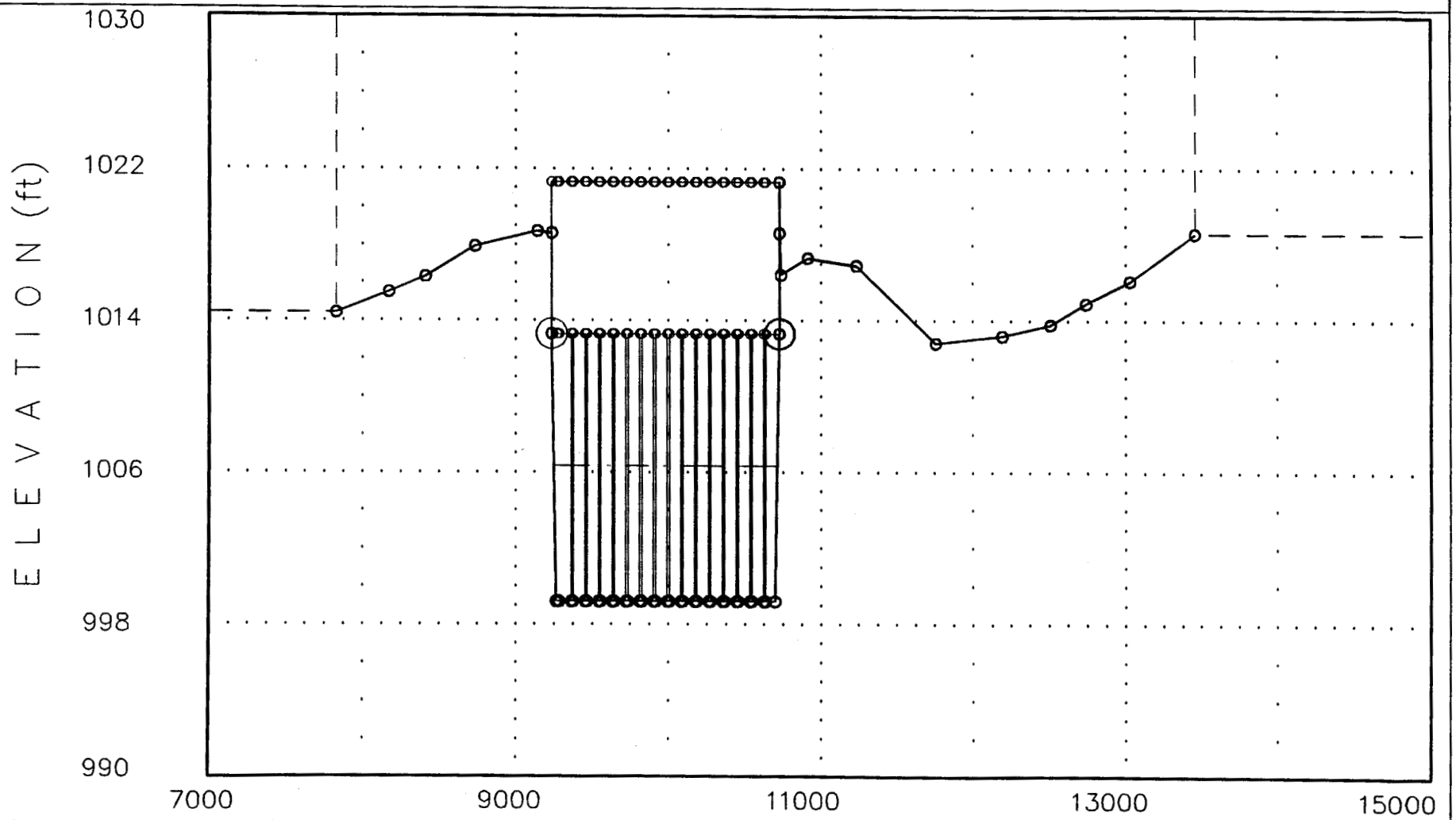
09-15-1996

<<<<<< Cross Section: 8.01: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1006.33

Q2= 54400cfs WS2= 1006.33

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 8:

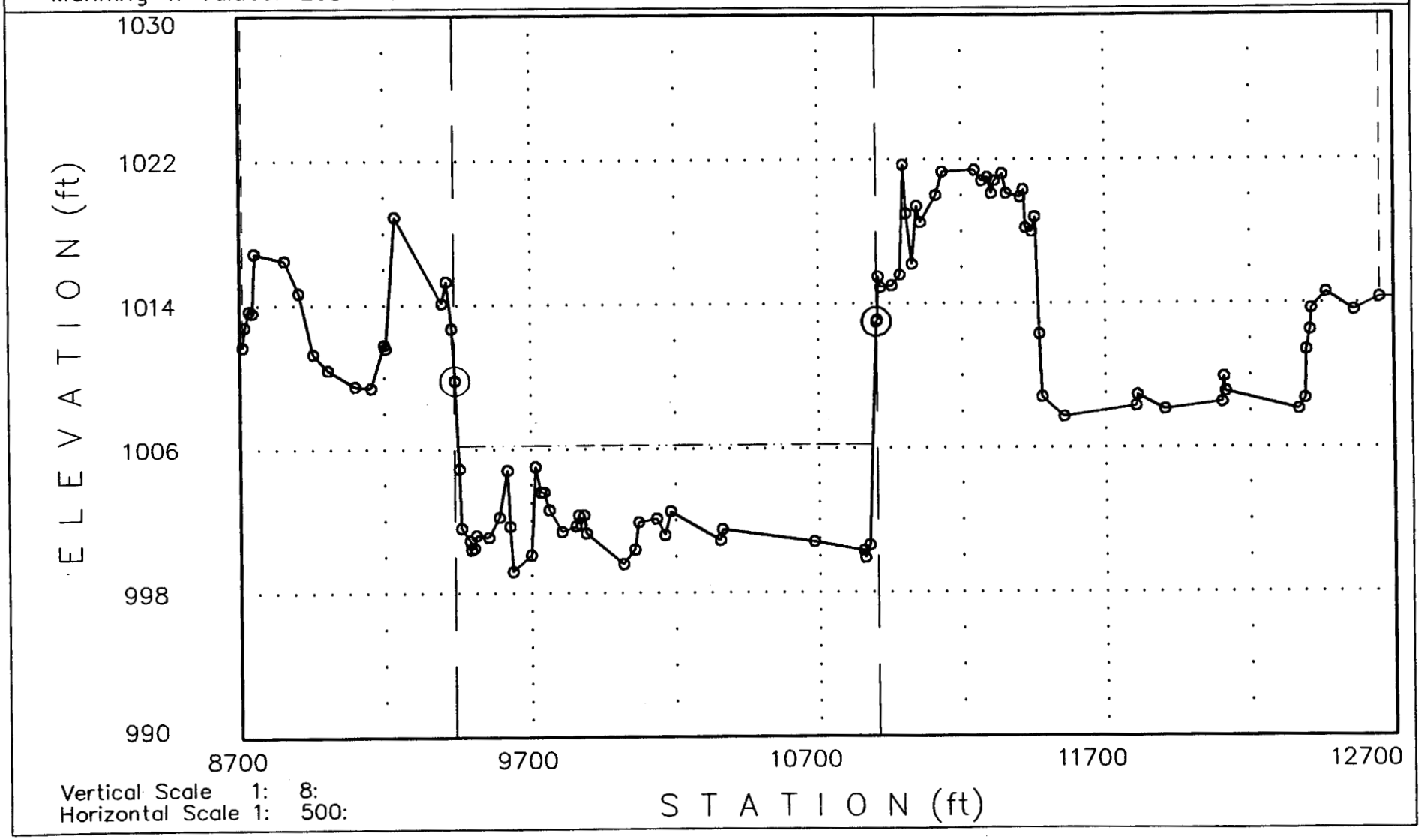
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 8.03: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1006.19
Q2= 54400cfs WS2= 1006.19

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 8:
Horizontal Scale 1: 500:

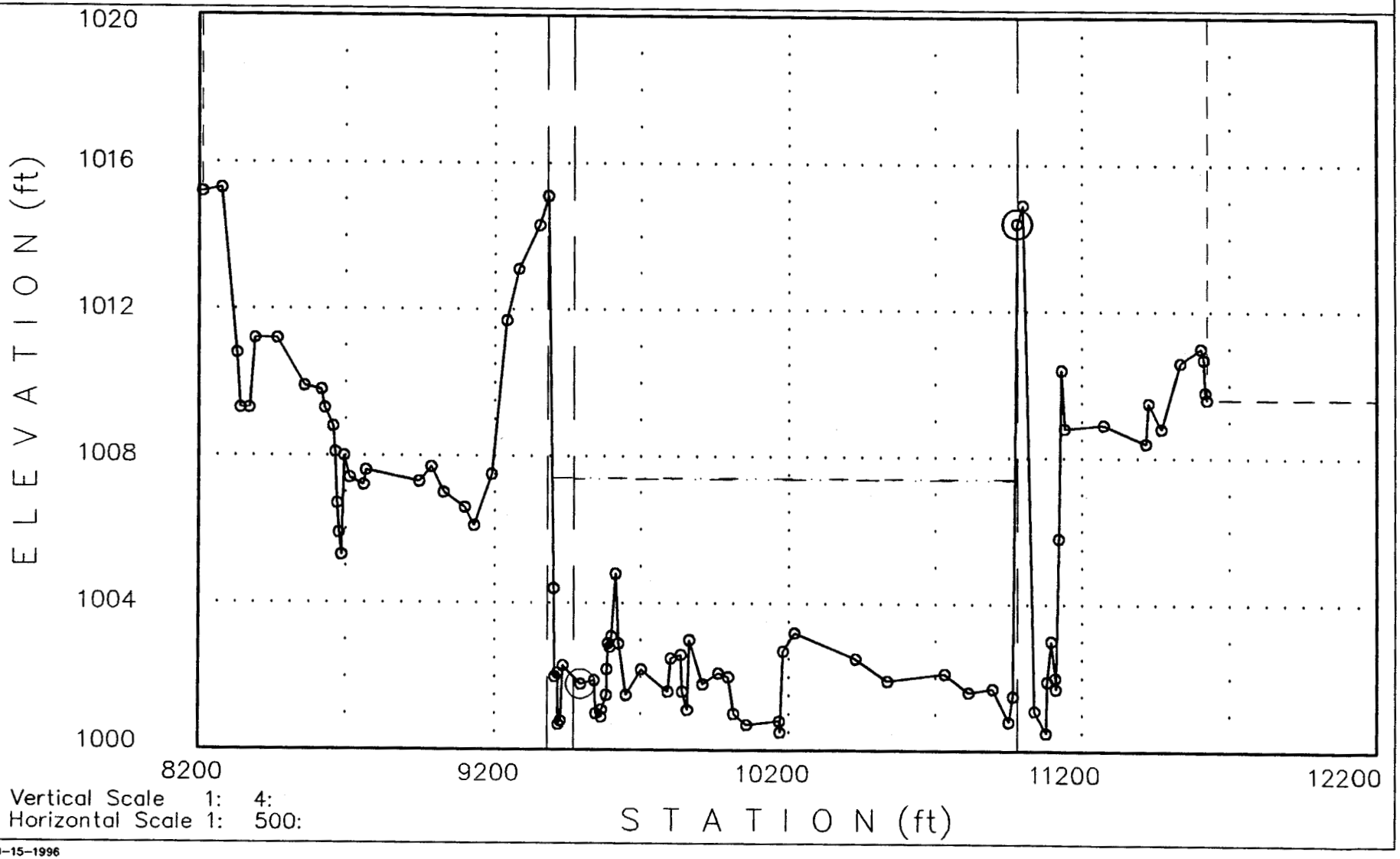
09-15-1996

<<<<<< Cross Section: 8.105: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1007.4

Q2= 54400cfs WS2= 1007.38

Manning-n Values: LOB: .04 CH: .03 ROB: 0



Vertical Scale 1: 4:

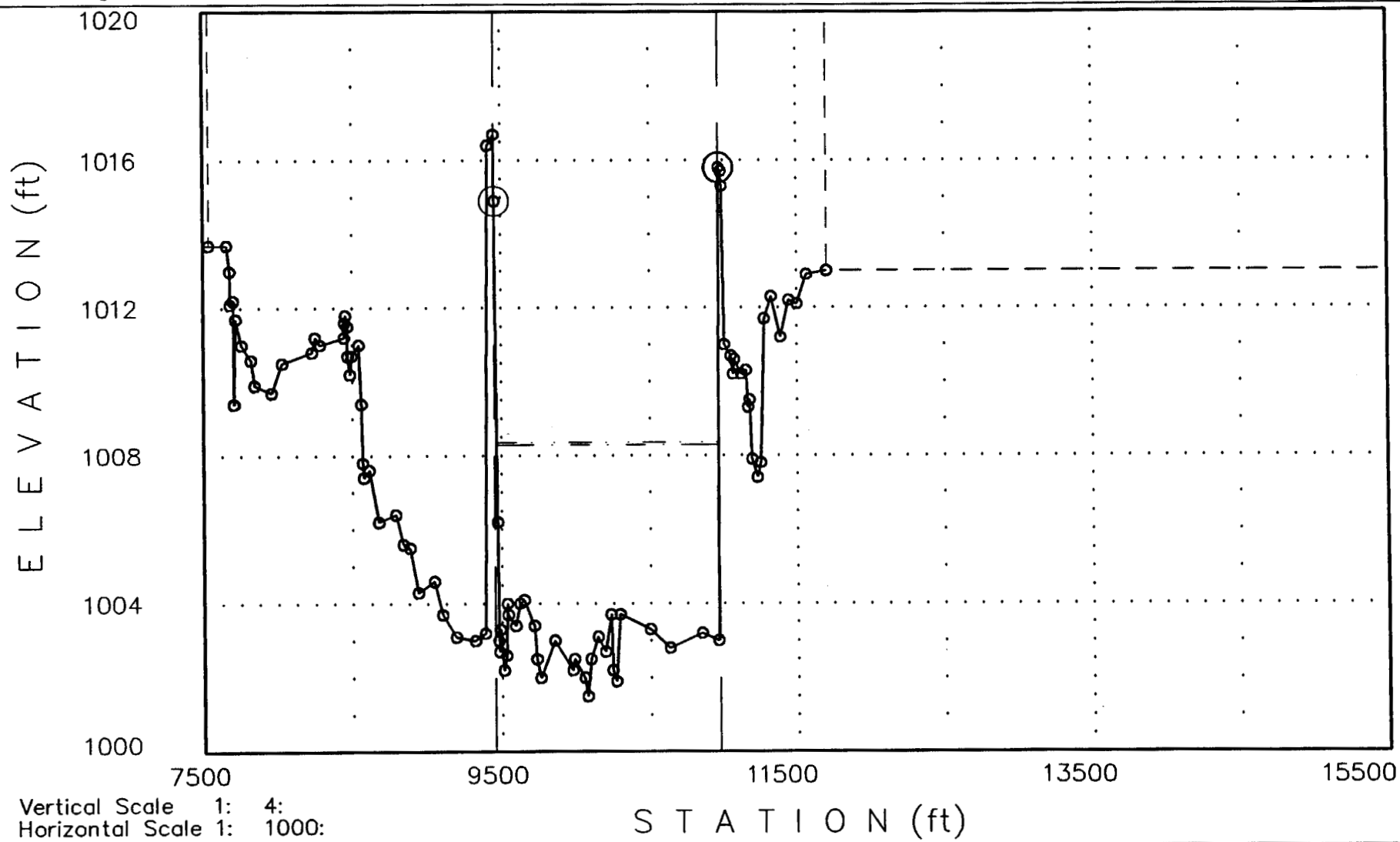
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 8.198: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1008.29
Q2= 54400cfs WS2= 1008.35

Manning-n Values: LOB: 0 CH: .03 ROB: 0



Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

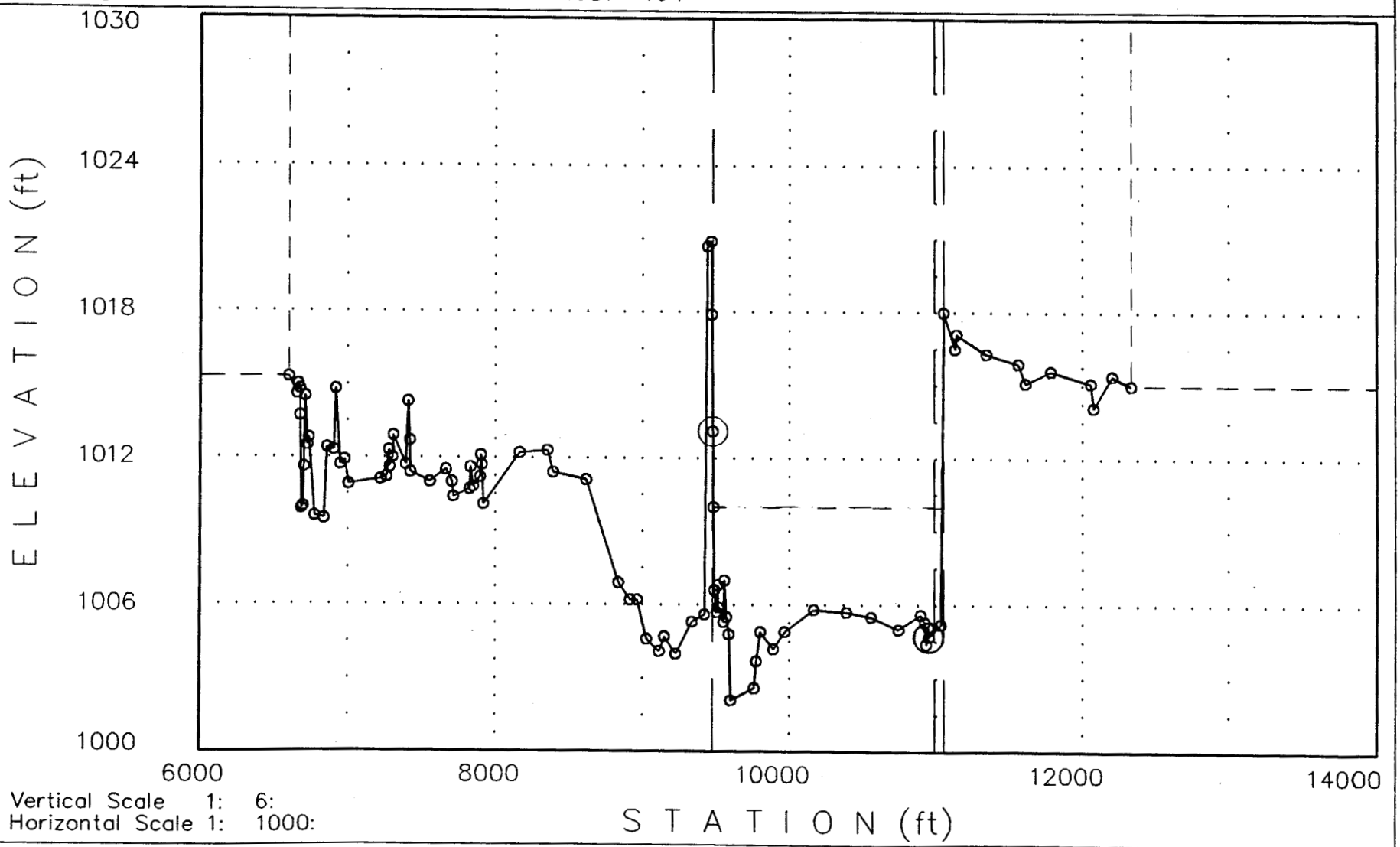
09-15-1996

<<<<<< Cross Section: 8.325: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1010

Q2= 54400cfs WS2= 1010.02

Manning-n Values: LOB: 0 CH: .035 ROB: .04



Vertical Scale 1: 6:

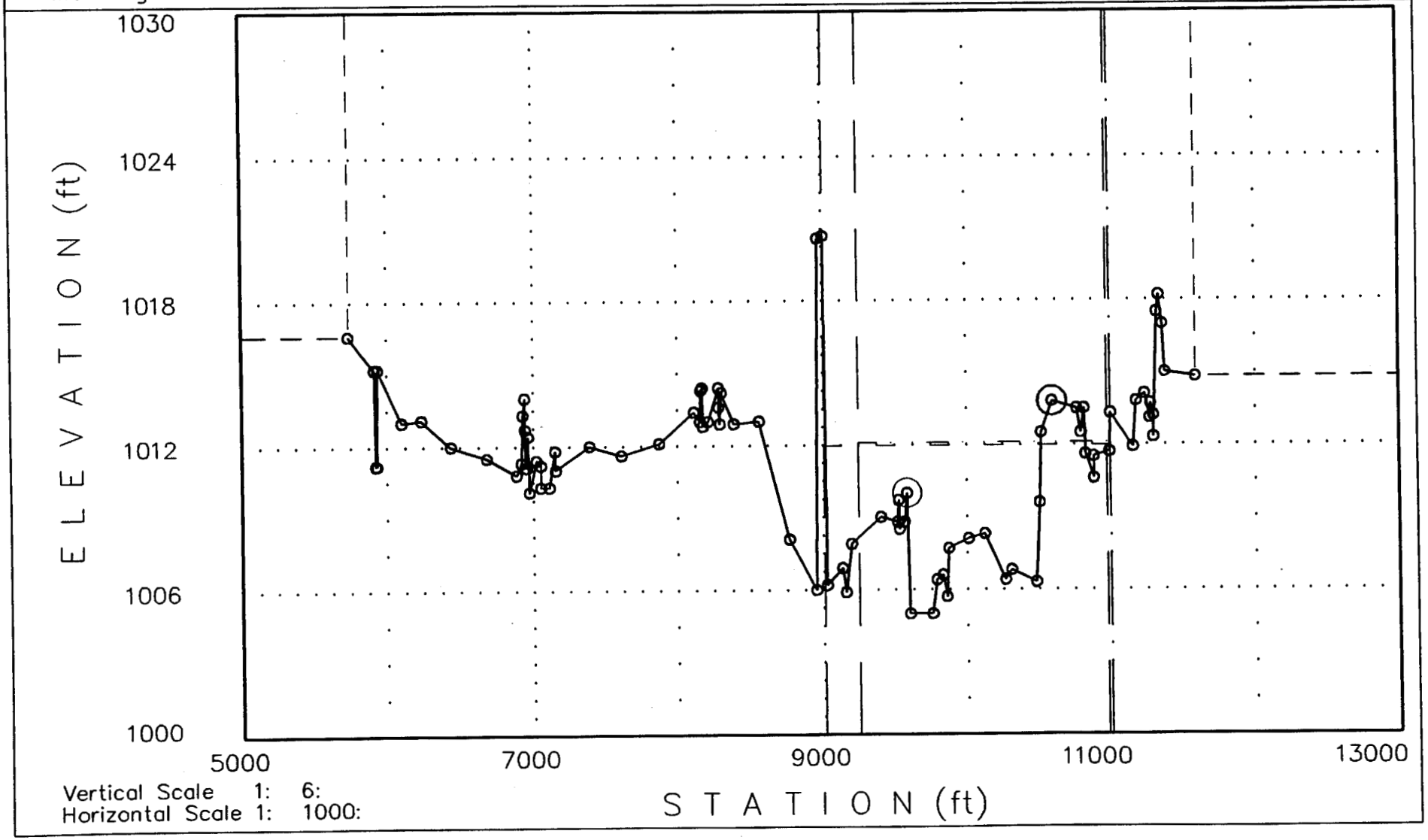
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 8.433: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1011.98
Q2= 54400cfs WS2= 1012.09

Manning-n Values: LOB: .04 CH: .035 ROB: .04



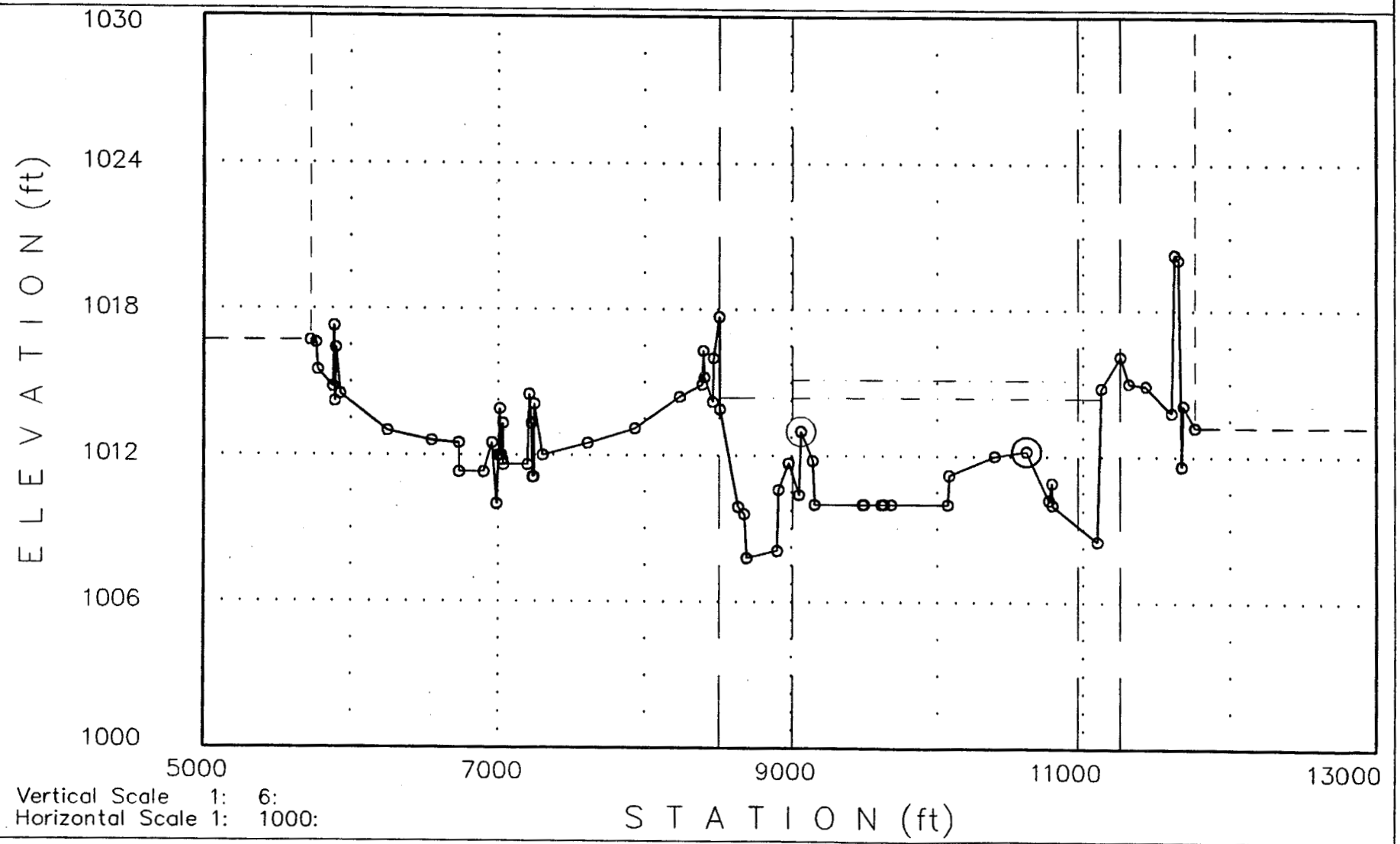
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-08-1996

<<<<<< Cross Section: 8.534: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1014.38
Q2= 54400cfs WS2= 1015.12

Manning-n Values: LOB: .04 CH: .035 ROB: .04



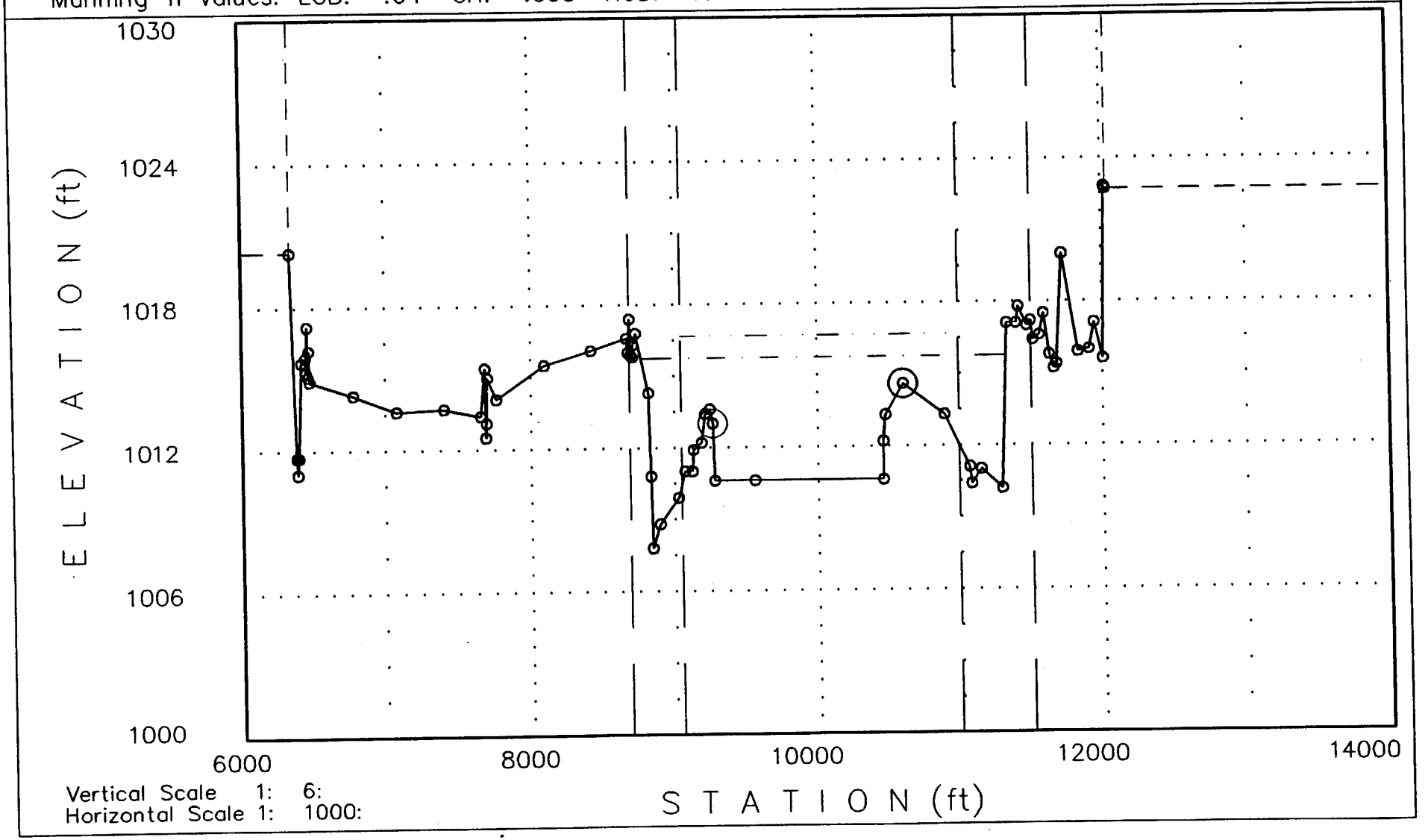
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 8.646: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1015.75
Q2= 54400cfs WS2= 1016.69

Manning-n Values: LOB: .04 CH: .035 ROB: .04



Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

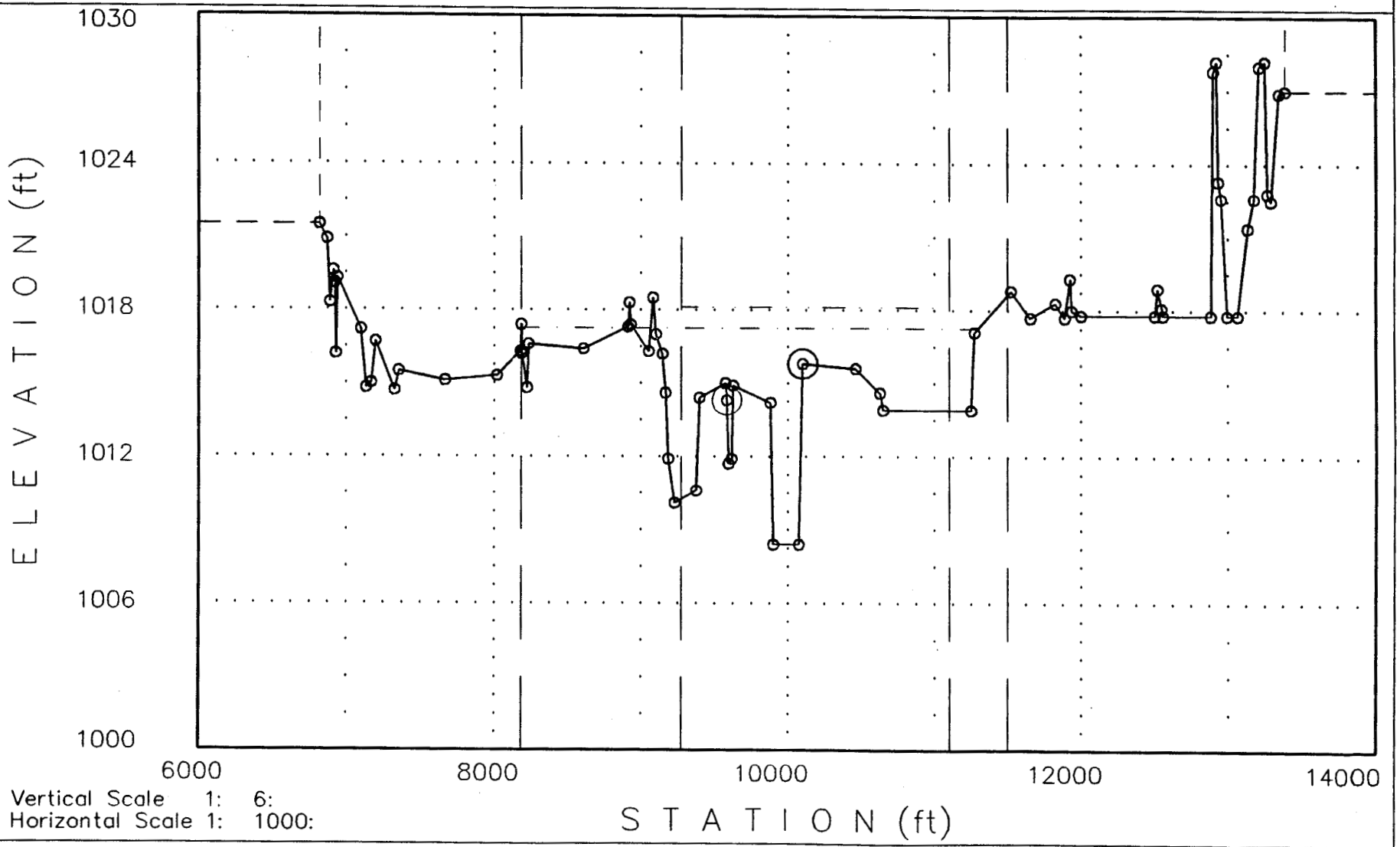
10-07-1996

<<<<<< Cross Section: 8.768: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1017.26

Q2= 54400cfs WS2= 1018.12

Manning-n Values: LOB: .04 CH: .035 ROB: .04



Vertical Scale 1: 6:

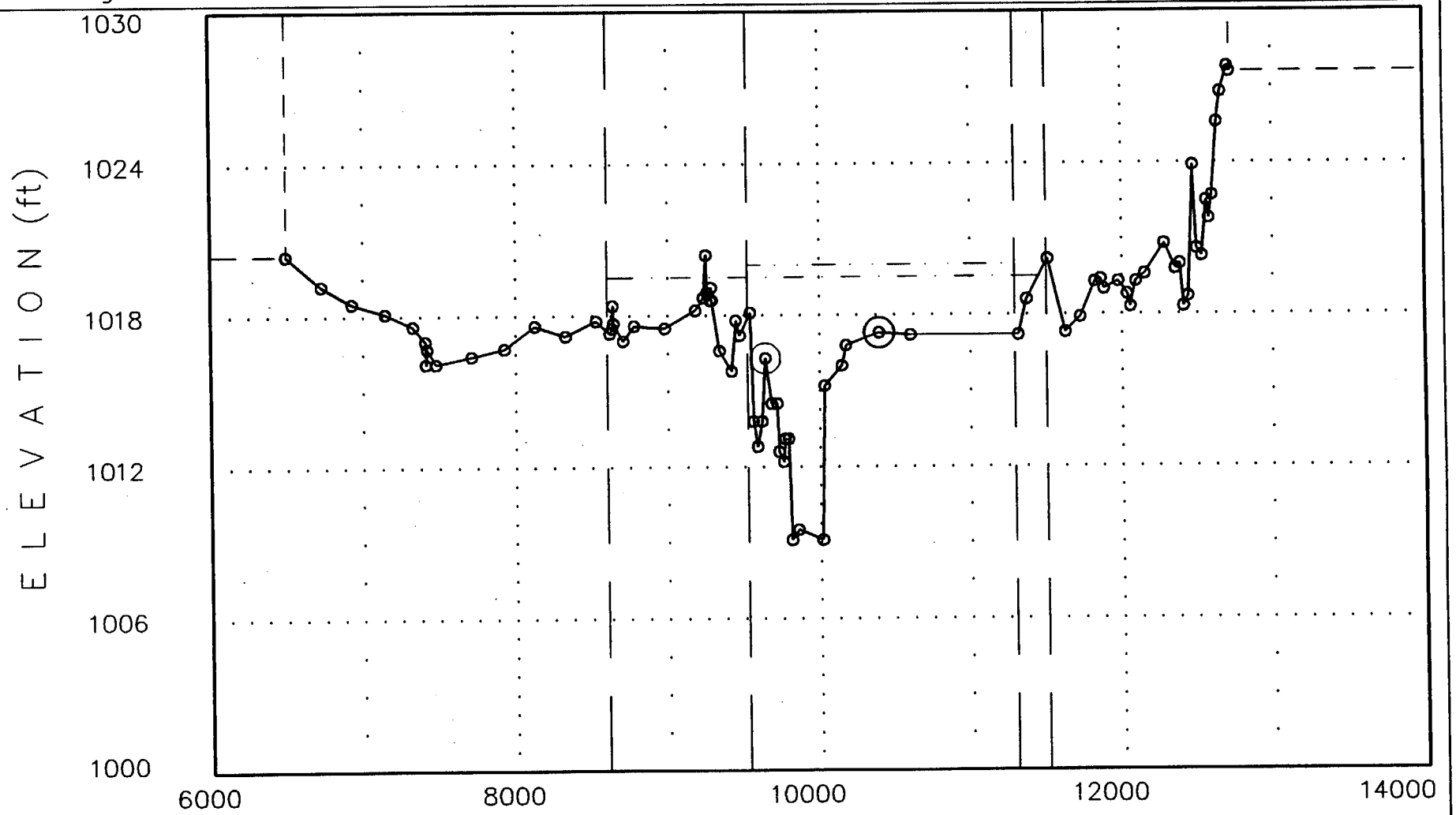
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 8.875: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1019.52
Q2= 54400cfs WS2= 1020.01

Manning-n Values: LOB: .04 CH: .035 ROB: .04



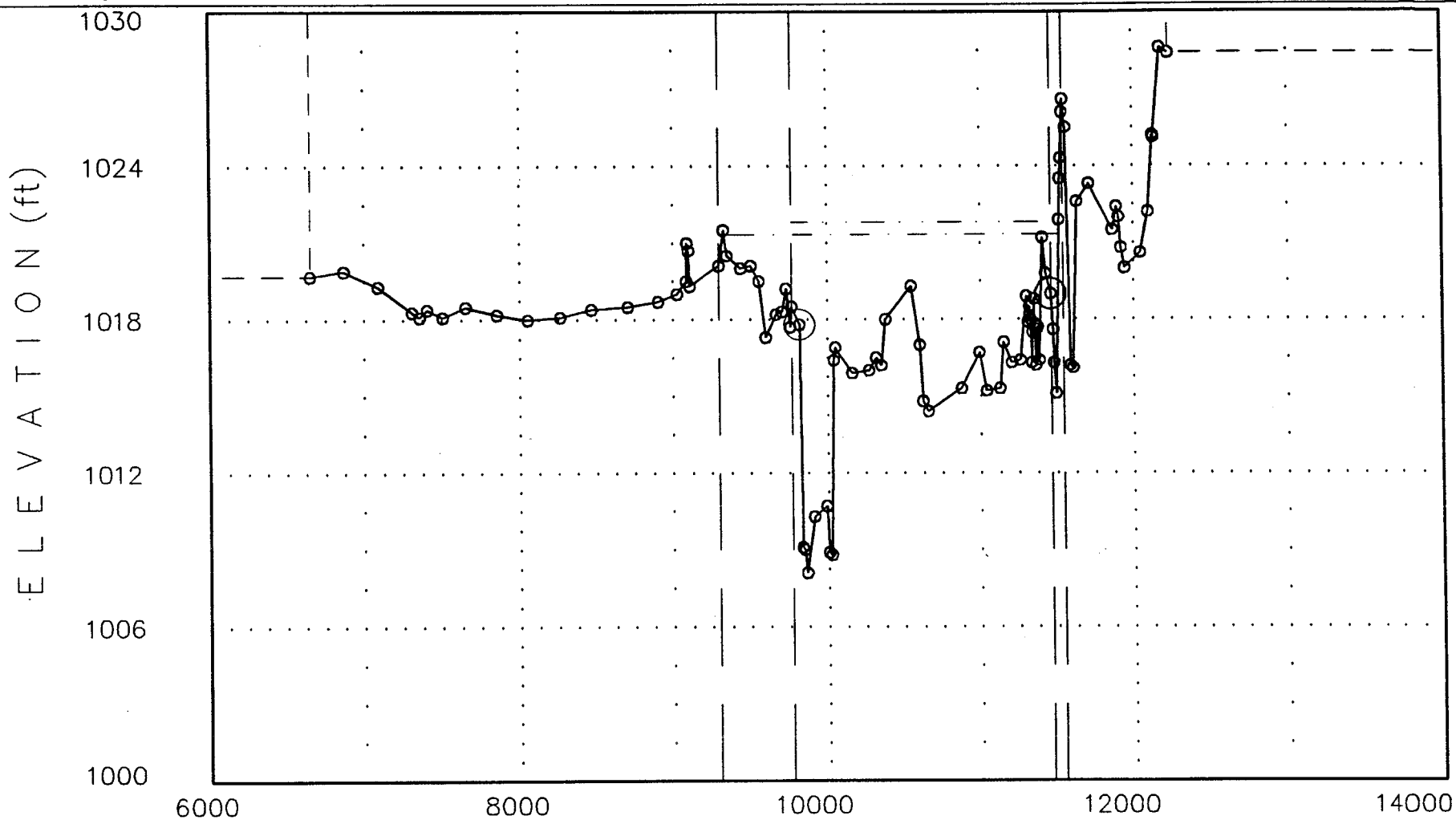
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 8.992: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1021.34
Q2= 54400cfs WS2= 1021.81

Manning-n Values: LOB: .04 CH: .035 ROB: .04



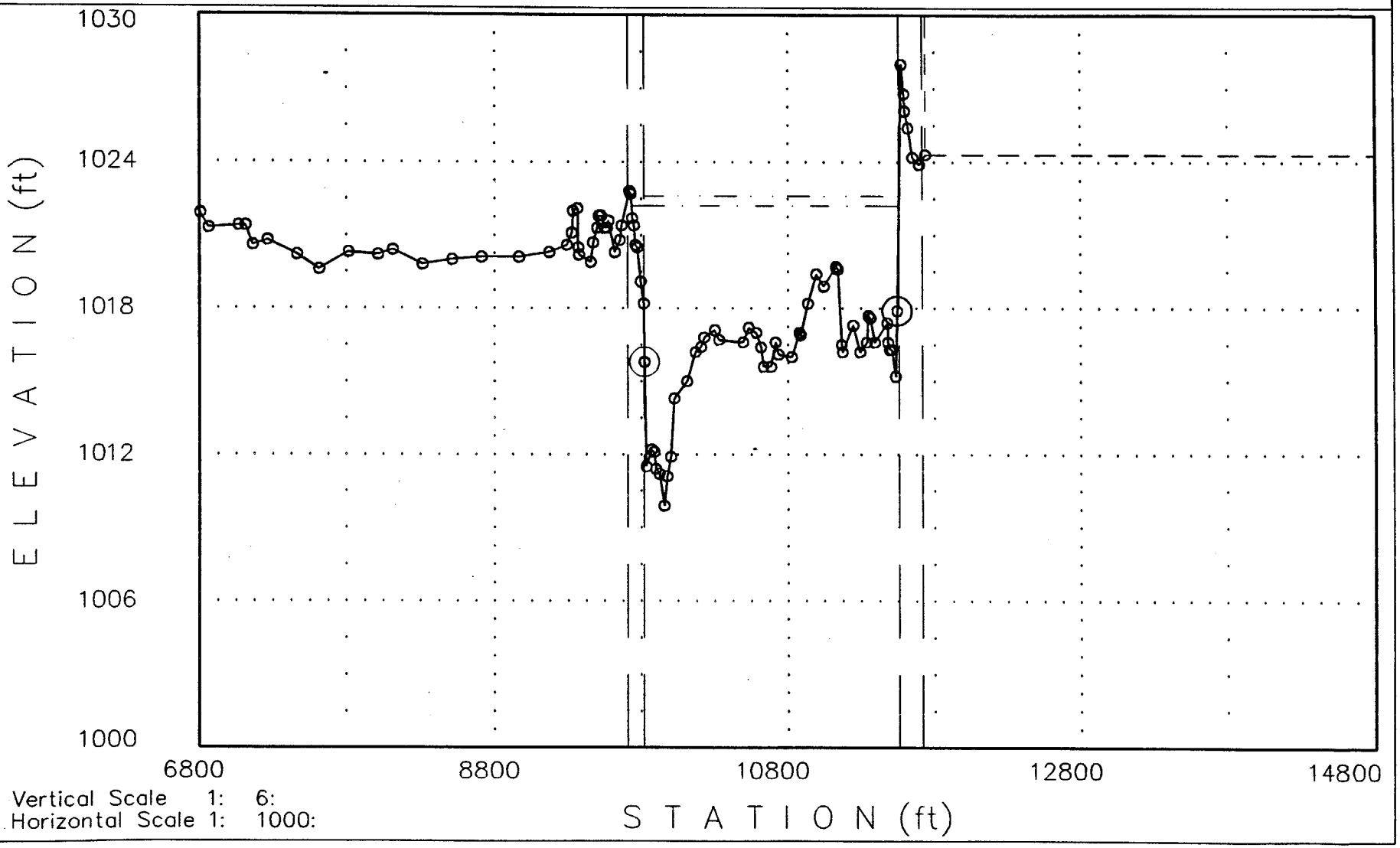
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 9.098: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1022.22
Q2= 54400cfs WS2= 1022.61

Manning-n Values: LOB: .04 CH: .035 ROB: .04



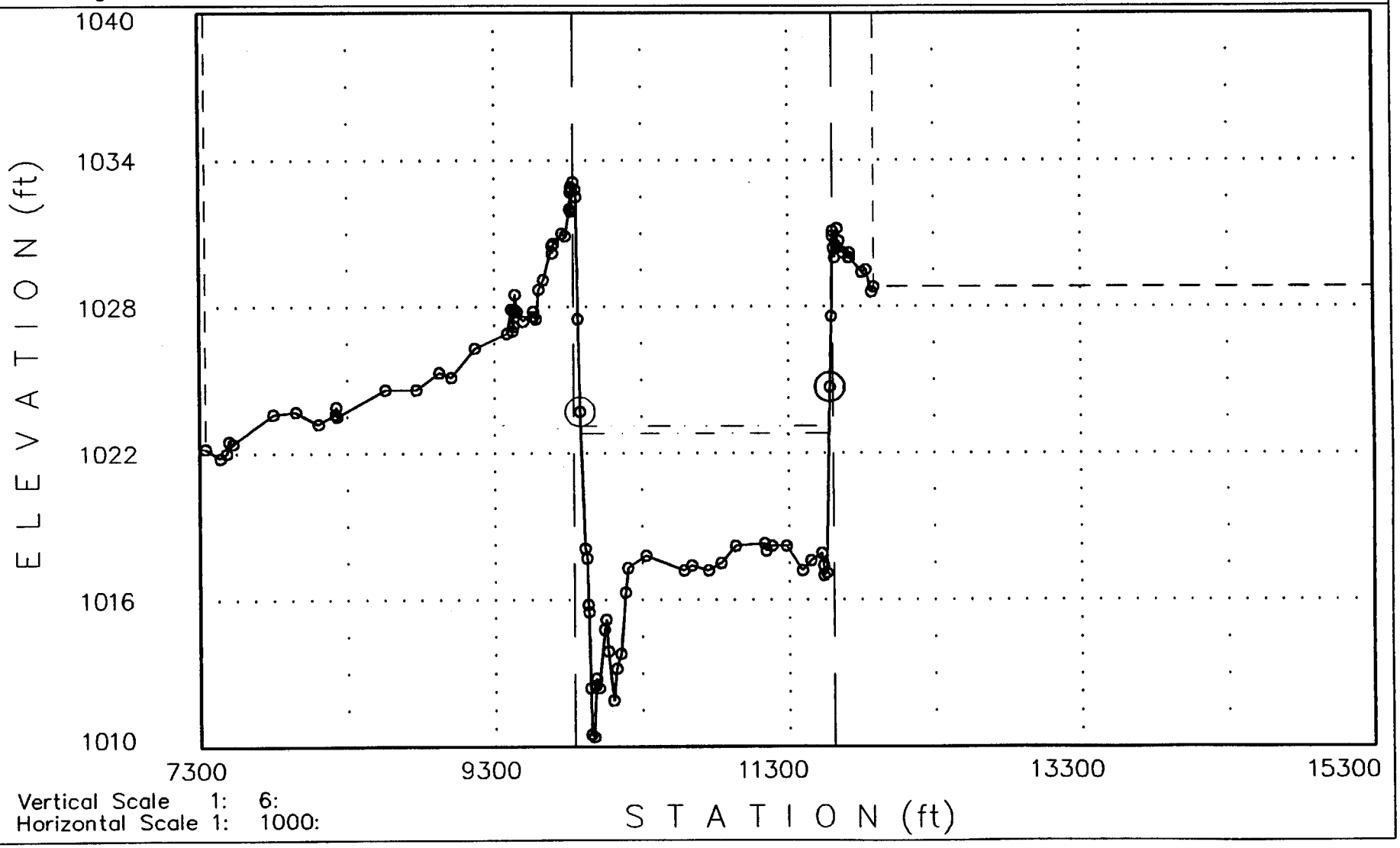
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 9.177: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1022.82
Q2= 54400cfs WS2= 1023.11

Manning-n Values: LOB: 0 CH: .035 ROB: 0



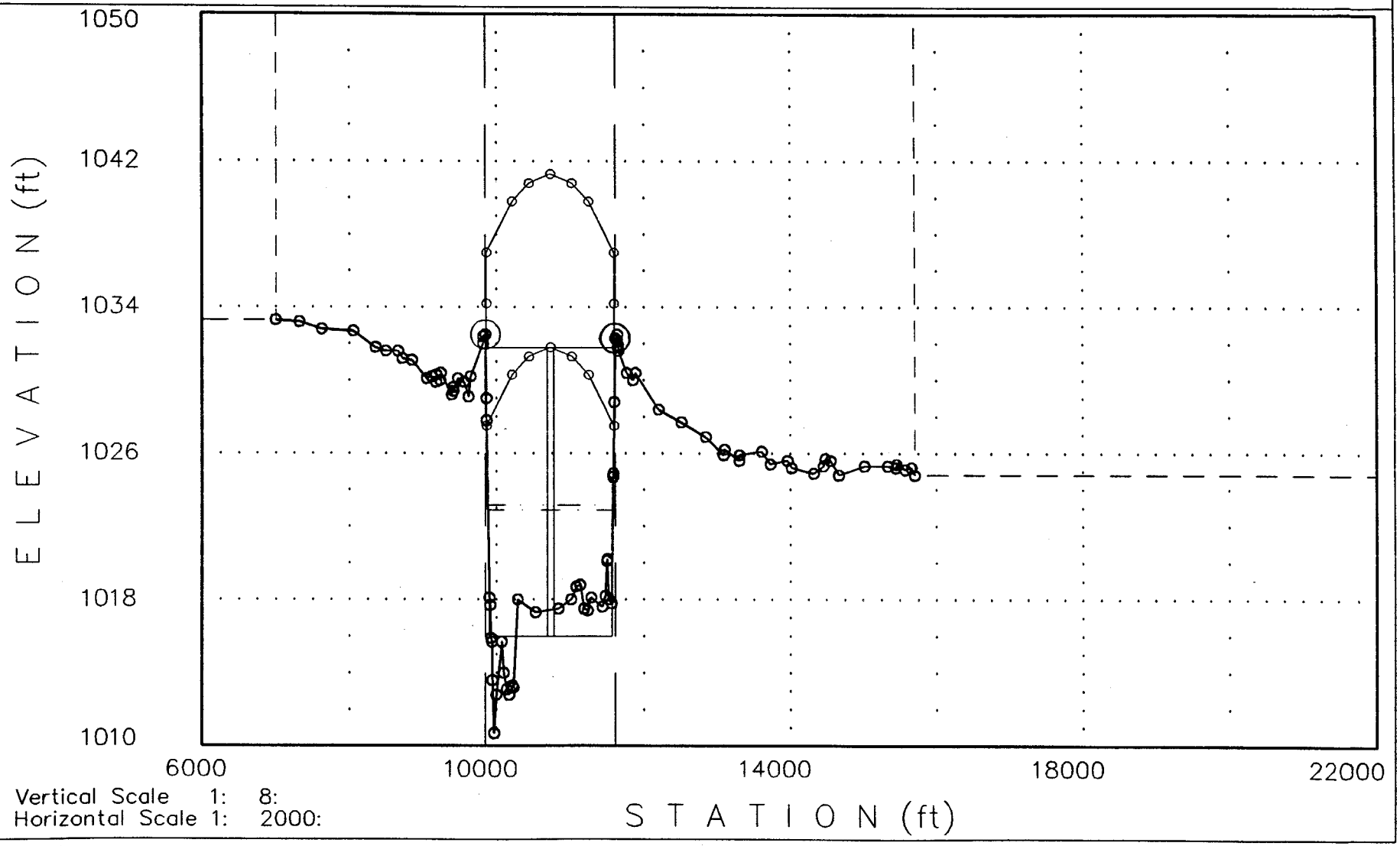
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 9.191: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1022.88
Q2= 54400cfs WS2= 1023.16

Manning-n Values: LOB: 0 CH: .035 ROB: 0



Vertical Scale 1: 8:
Horizontal Scale 1: 2000:

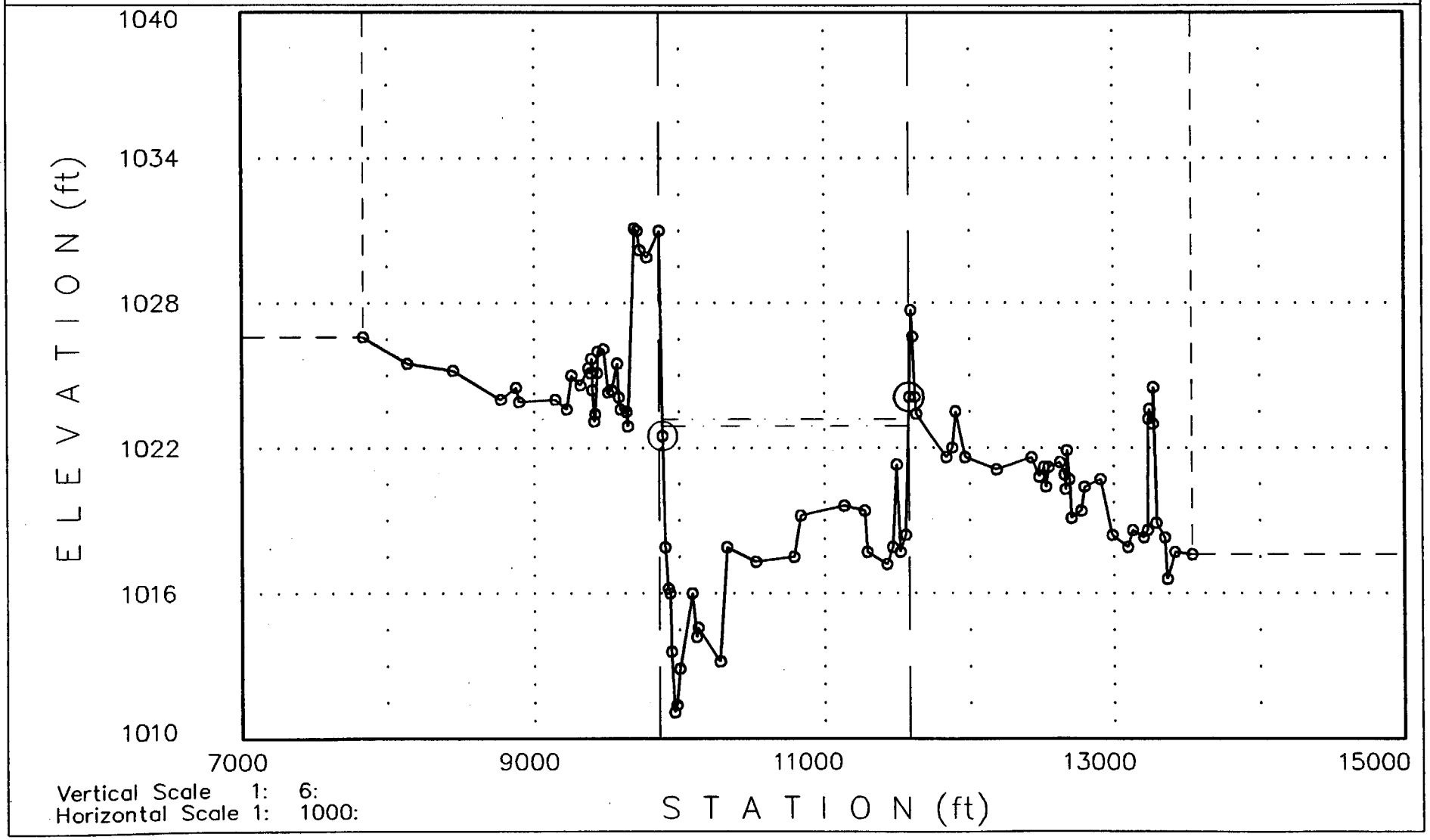
10-07-1996

<<<<<< Cross Section: 9.198: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1022.92

Q2= 54400cfs WS2= 1023.19

Manning-n Values: LOB: .05 CH: .035 ROB: 0



Vertical Scale 1: 6:

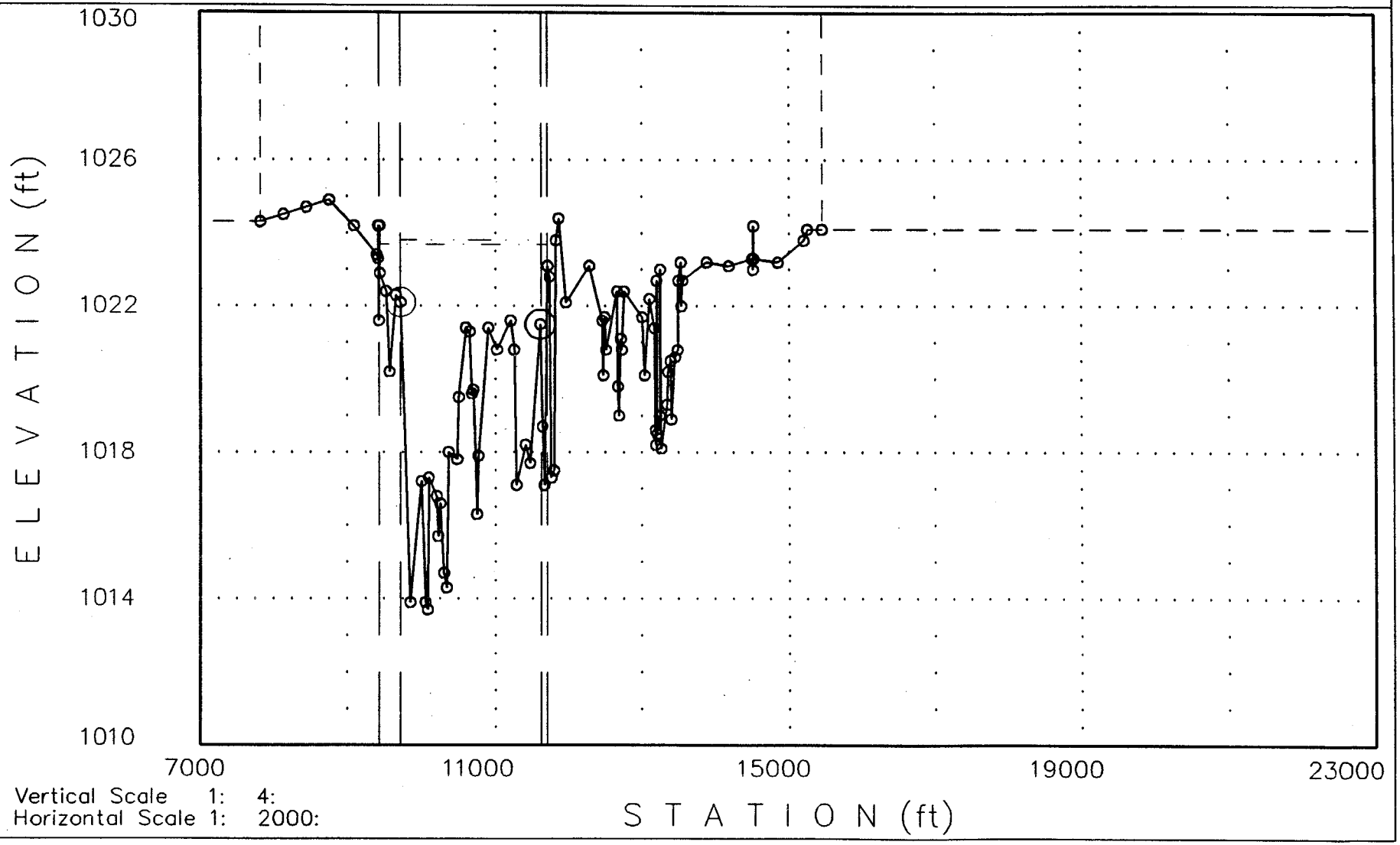
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 9.266: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1023.69
Q2= 54400cfs WS2= 1023.81

Manning-n Values: LOB: .05 CH: .035 ROB: .05



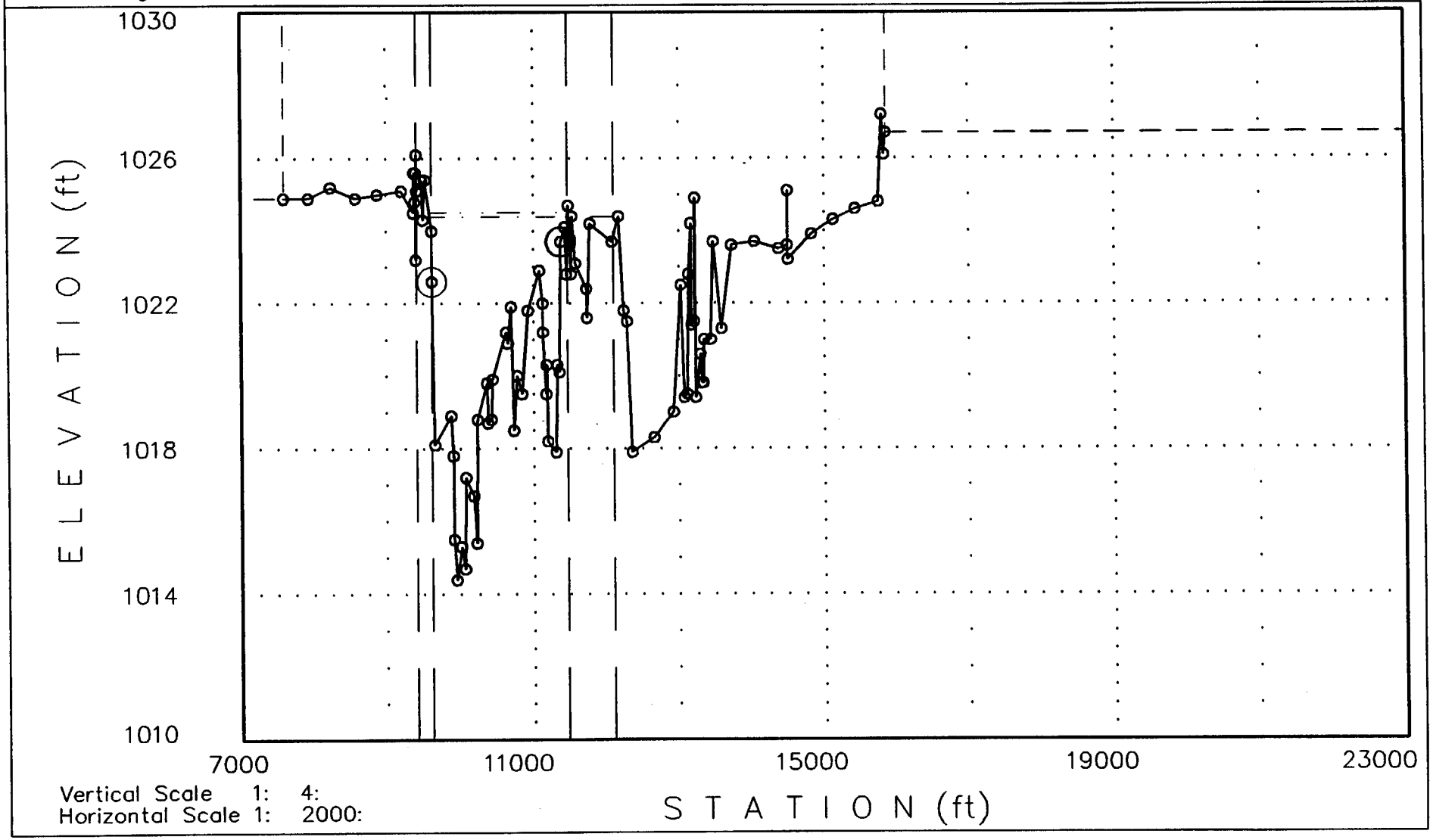
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-07-1996

<<<<<< Cross Section: 9.343: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1024.39
Q2= 54400cfs WS2= 1024.52

Manning-n Values: LOB: .05 CH: .035 ROB: .05



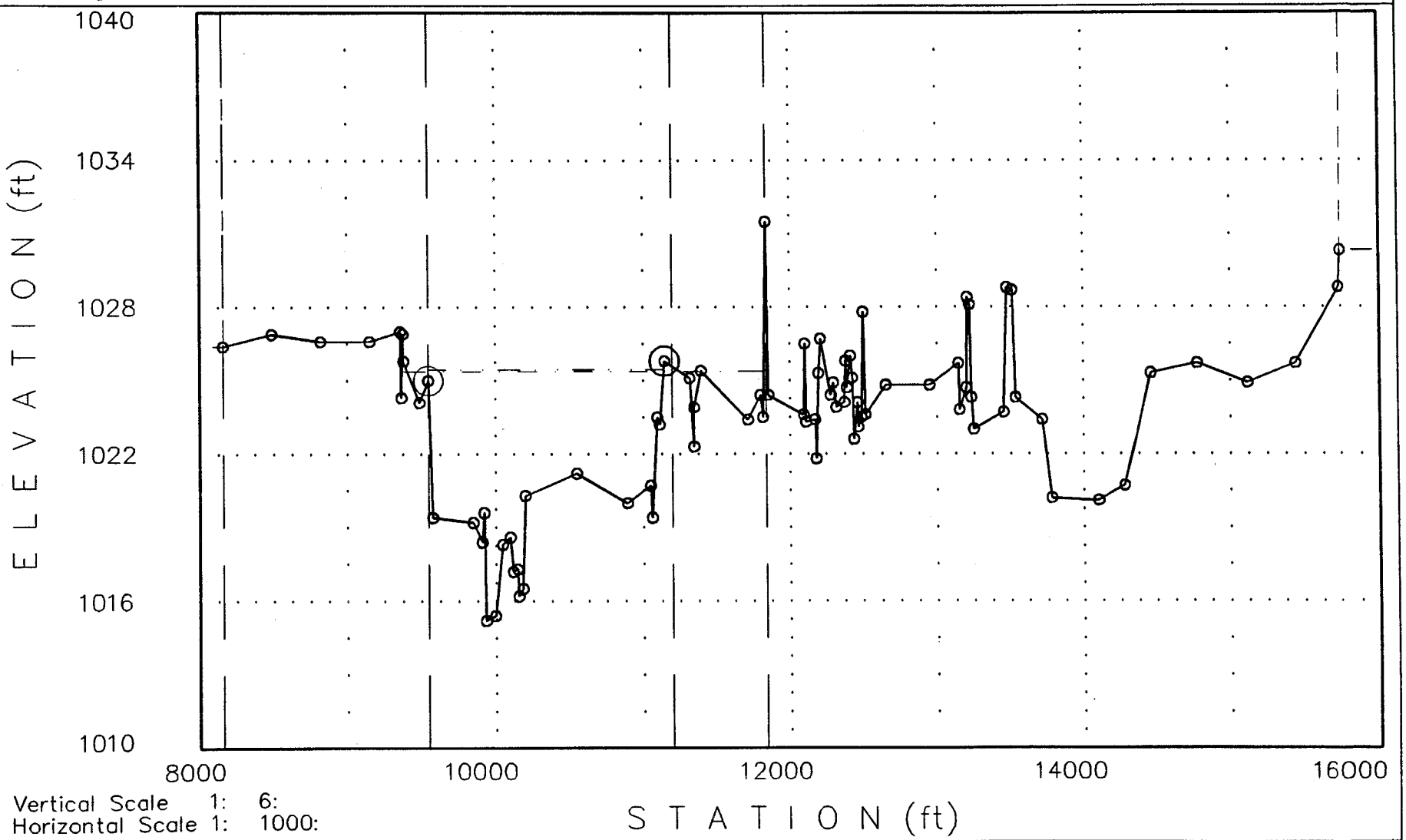
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

10-07-1996

<<<<<< Cross Section: 9.435: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1025.38
Q2= 54400cfs WS2= 1025.46

Manning-n Values: LOB: .05 CH: .035 ROB: 0 - .05



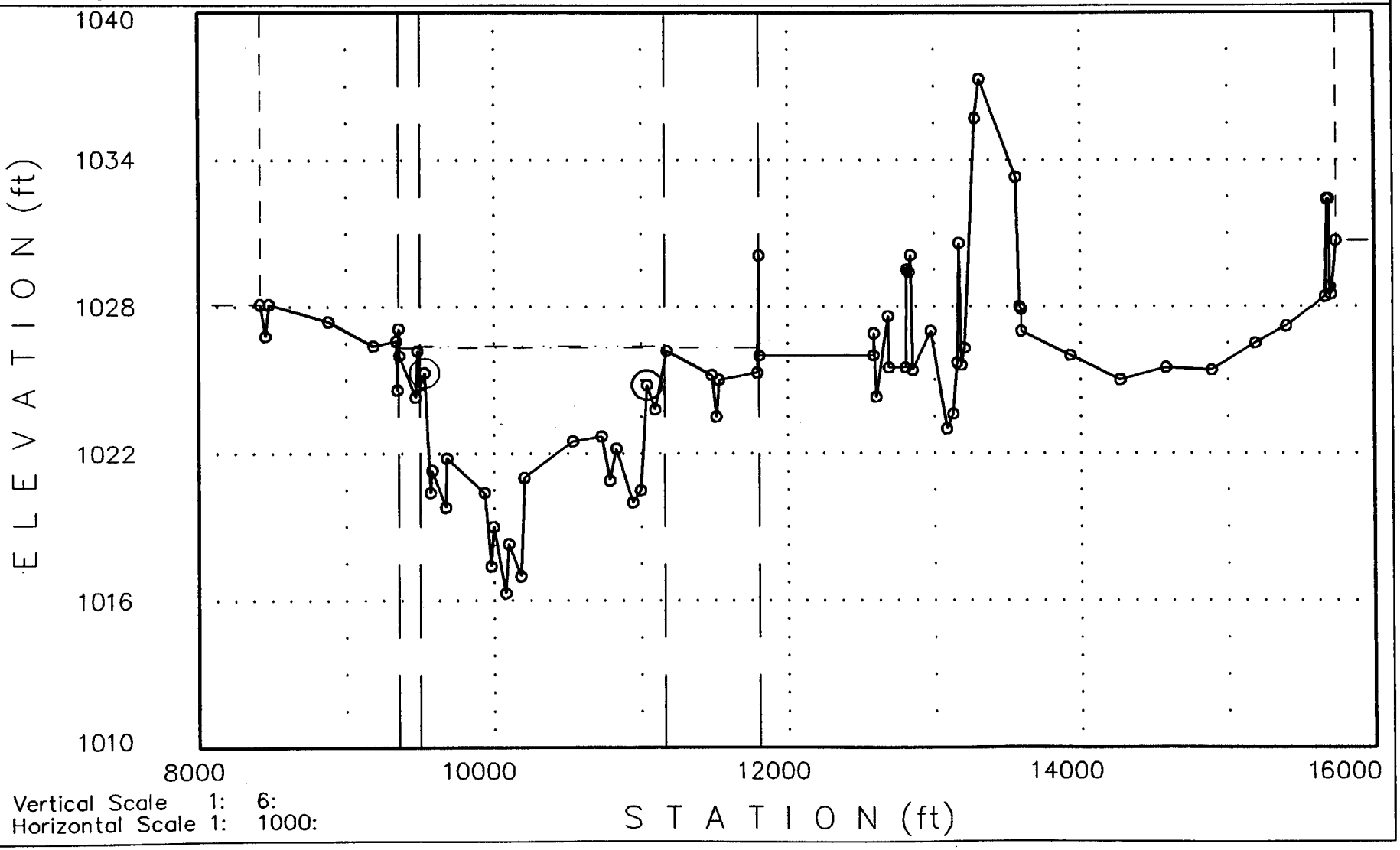
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-08-1996

<<<<<< Cross Section: 9.519: (FN = TESTI.O) >>>>>>

Q1= 54400cfs WS1= 1026.33
Q2= 54400cfs WS2= 1026.39

Manning-n Values: LOB: .05 CH: .035 ROB: .05



Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

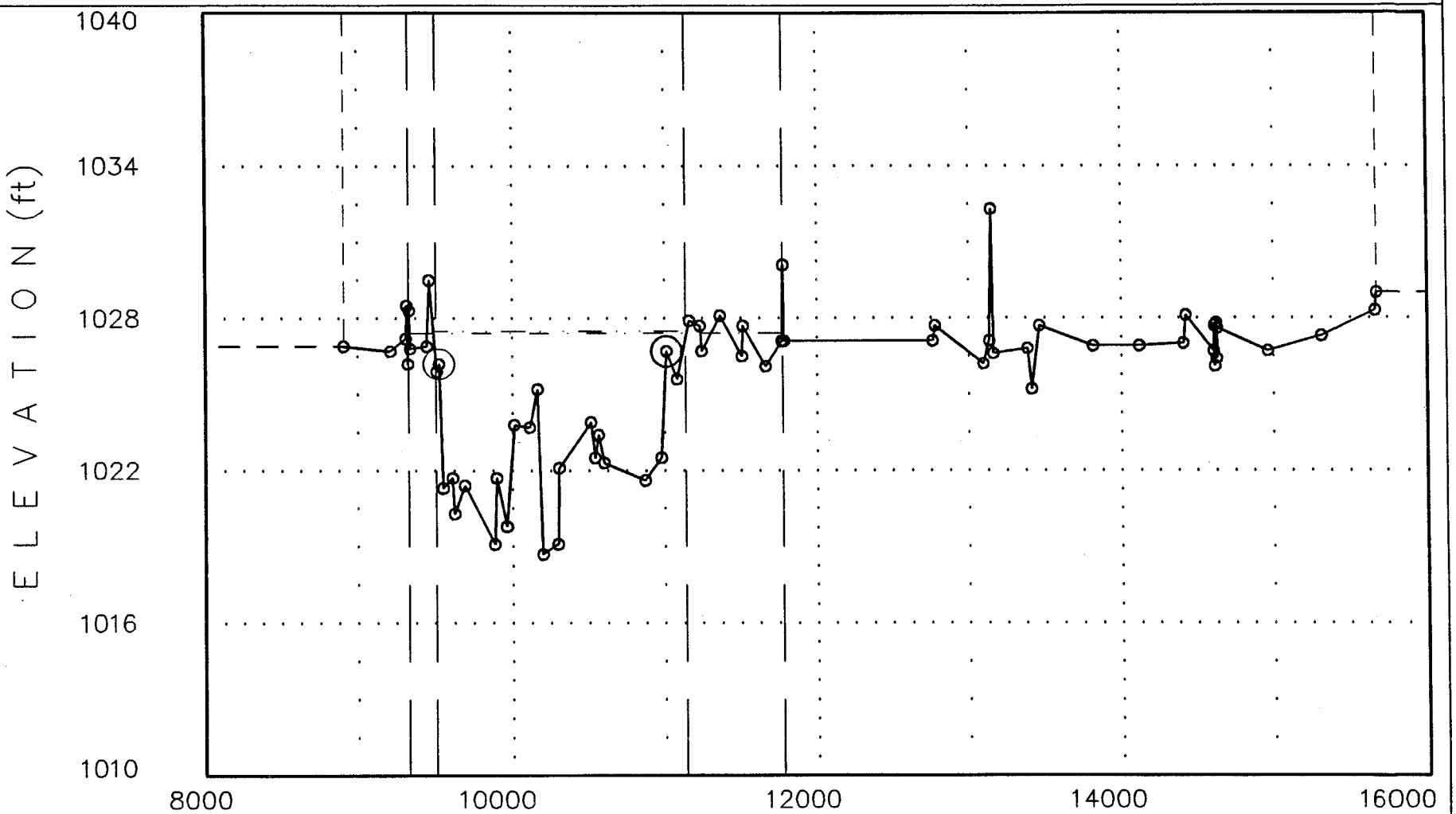
10-08-1996

<<<<<< Cross Section: 9.605: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1027.42

Q2= 54400cfs WS2= 1027.5

Manning-n Values: LOB: .05 CH: .035 ROB: .05



Vertical Scale 1: 6:

Horizontal Scale 1: 1000:

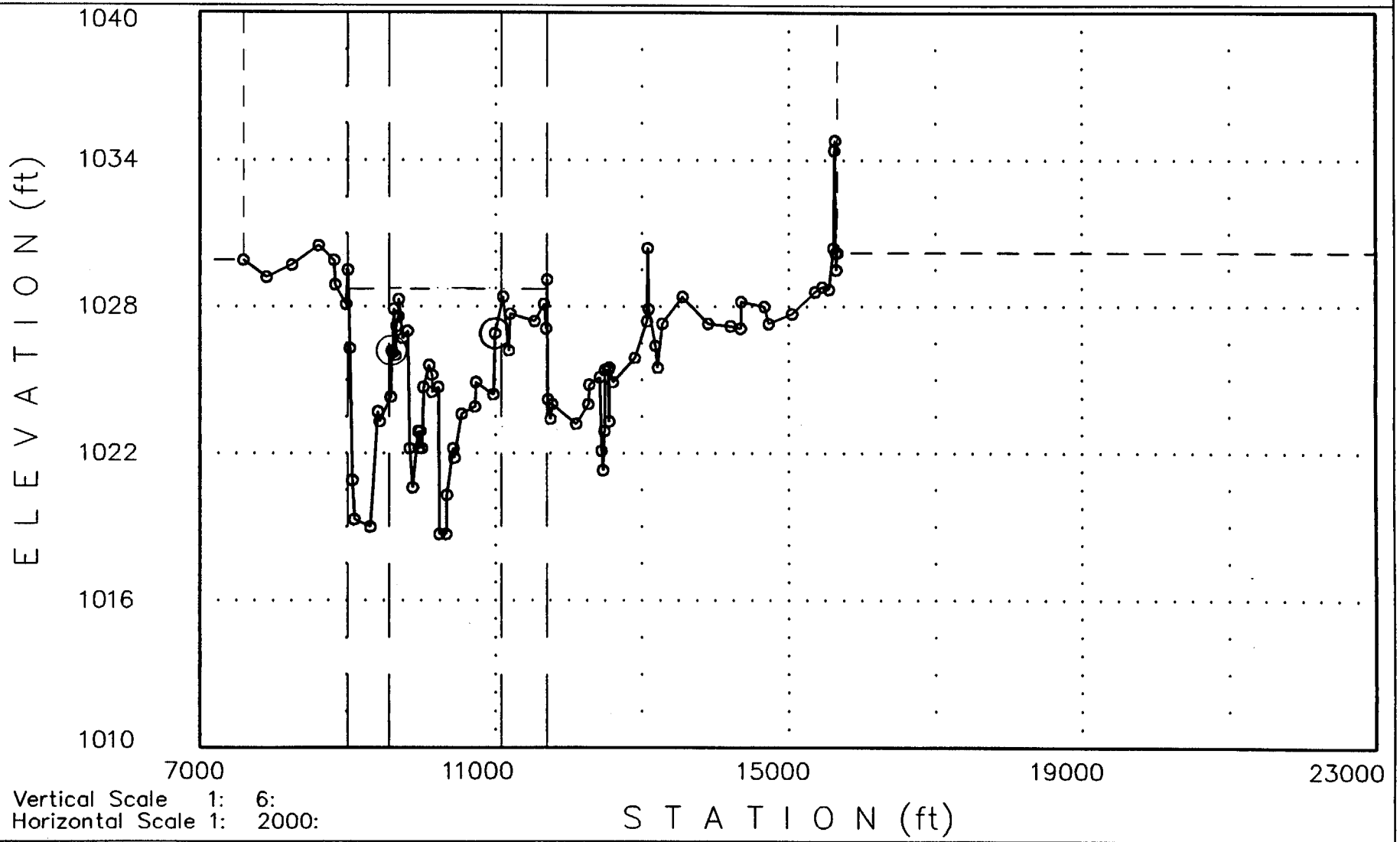
09-15-1996

<<<<<< Cross Section: 9.696: (FN = AGUAFRIA.110) >>>>>>

Q1= 54400cfs WS1= 1028.72

Q2= 54400cfs WS2= 1028.76

Manning-n Values: LOB: .05 CH: .035 ROB: .05



Vertical Scale 1: 6:

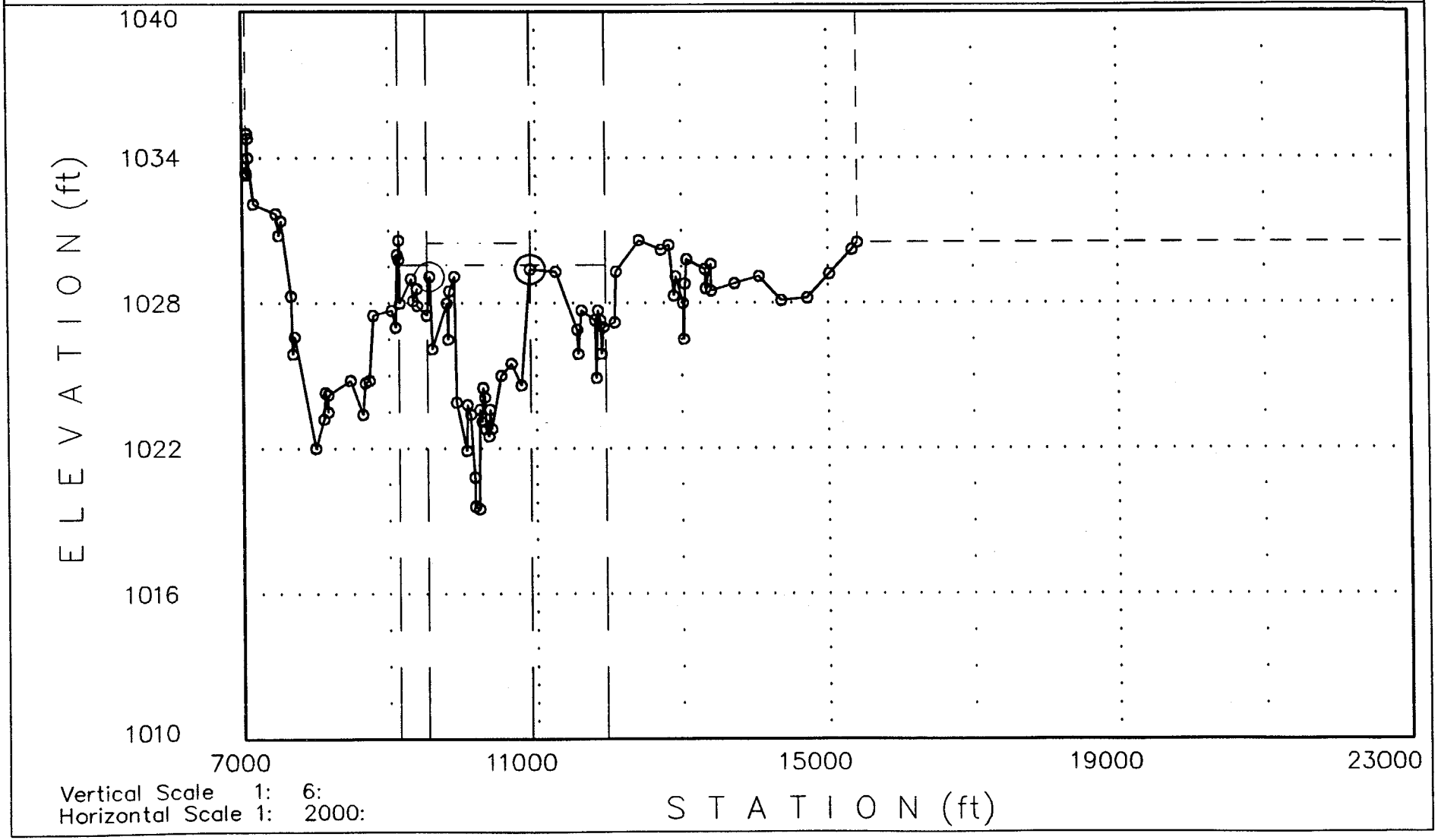
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 9.79: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1029.58
Q2= 30000cfs WS2= 1030.49

Manning-n Values: LOB: .05 CH: .035 ROB: .05



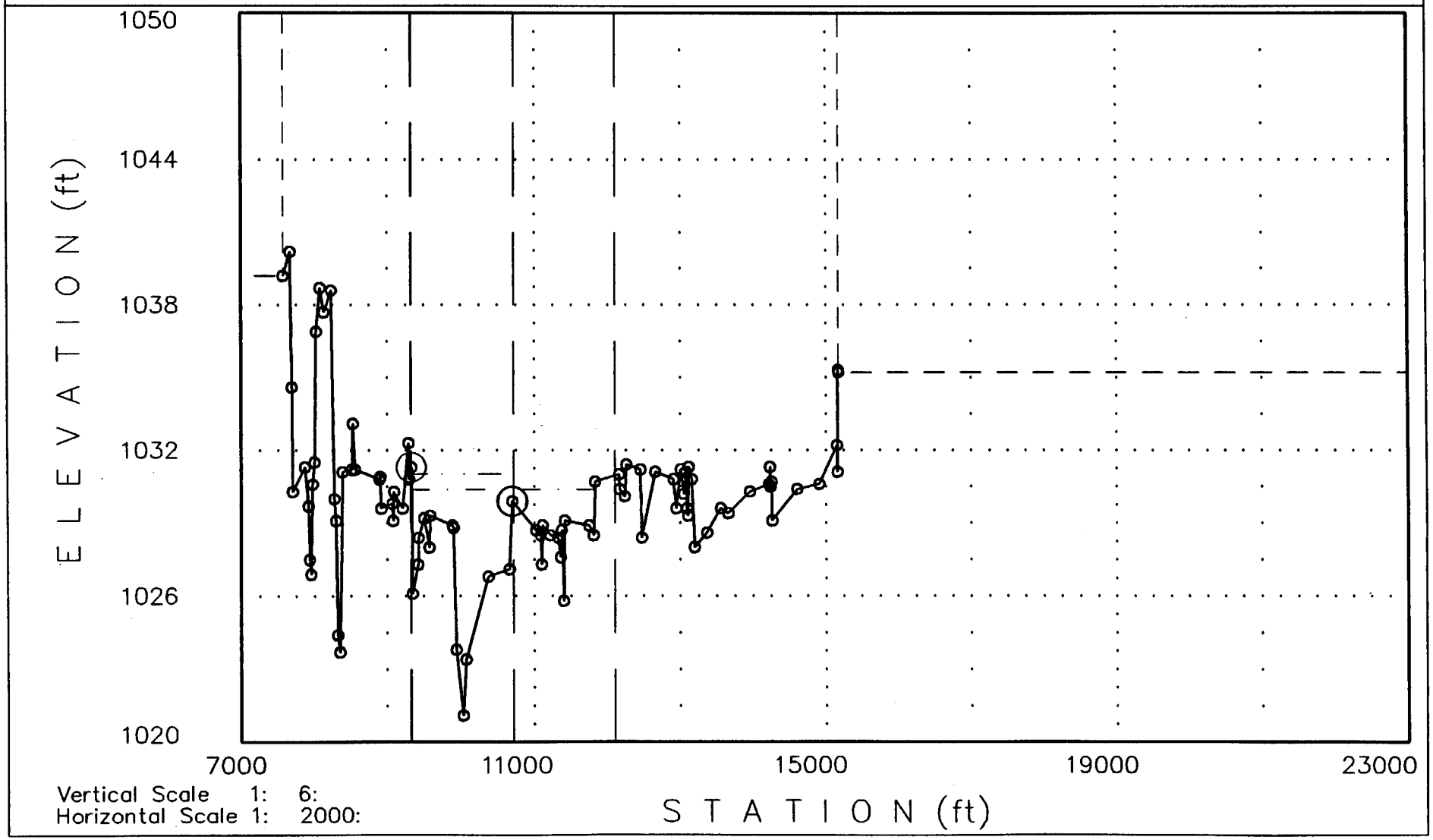
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 9.885: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1030.38
Q2= 30000cfs WS2= 1031.02

Manning-n Values: LOB: 0 CH: .035 ROB: .05



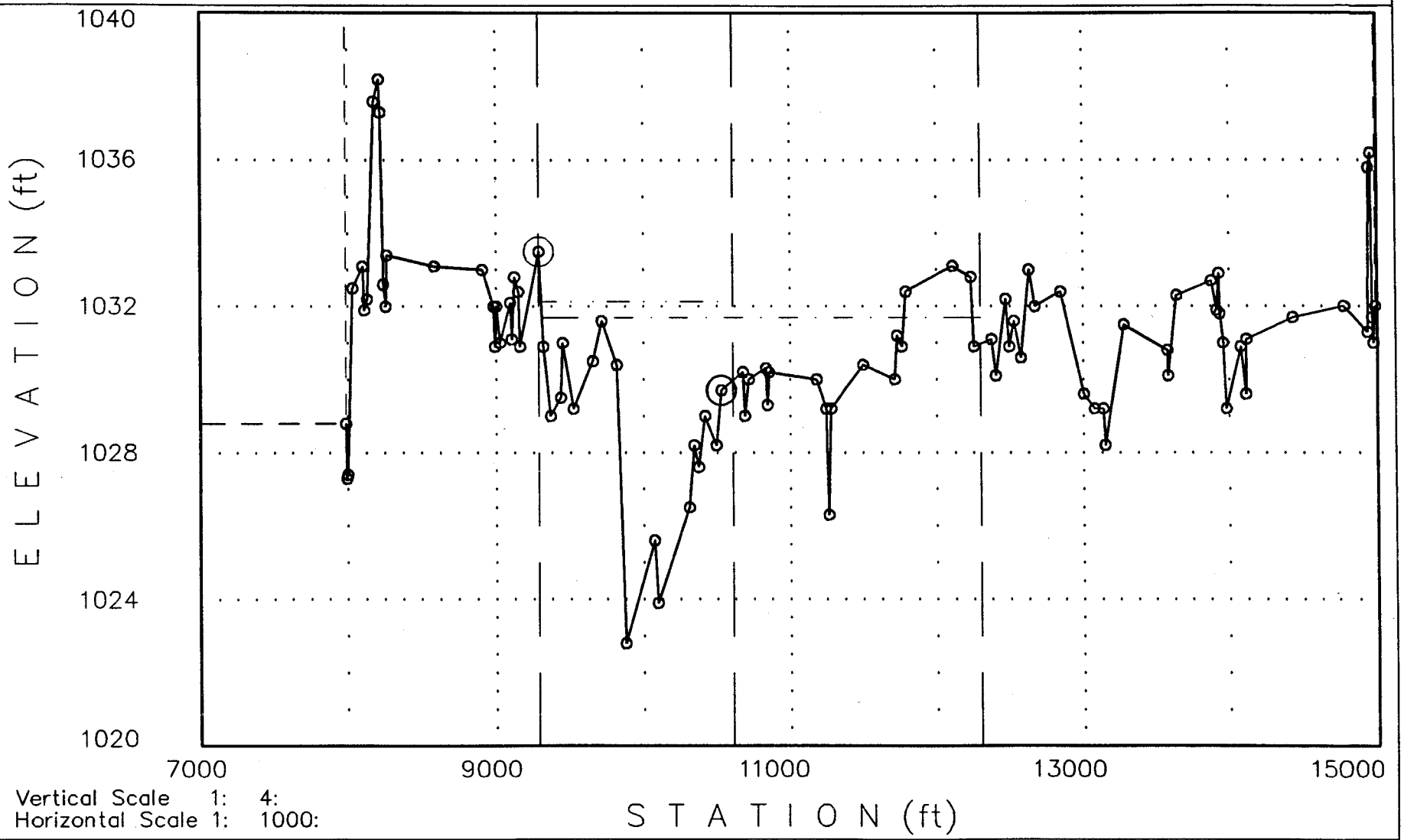
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 9.981: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1031.7
Q2= 30000cfs WS2= 1032.13

Manning-n Values: LOB: 0 CH: .035 ROB: .05



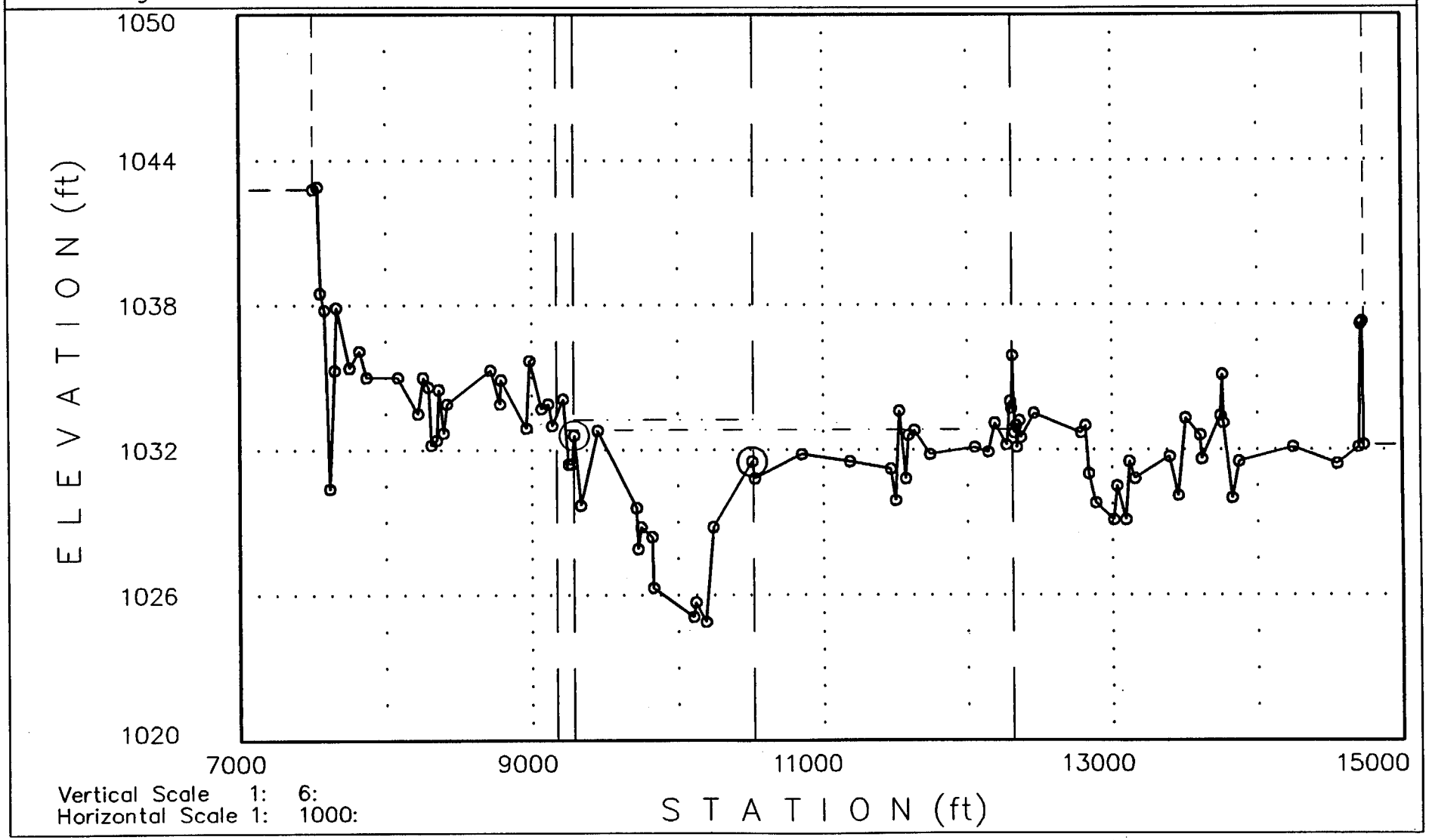
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 10.071: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1032.83
Q2= 30000cfs WS2= 1033.26

Manning-n Values: LOB: .05 CH: .035 ROB: .05



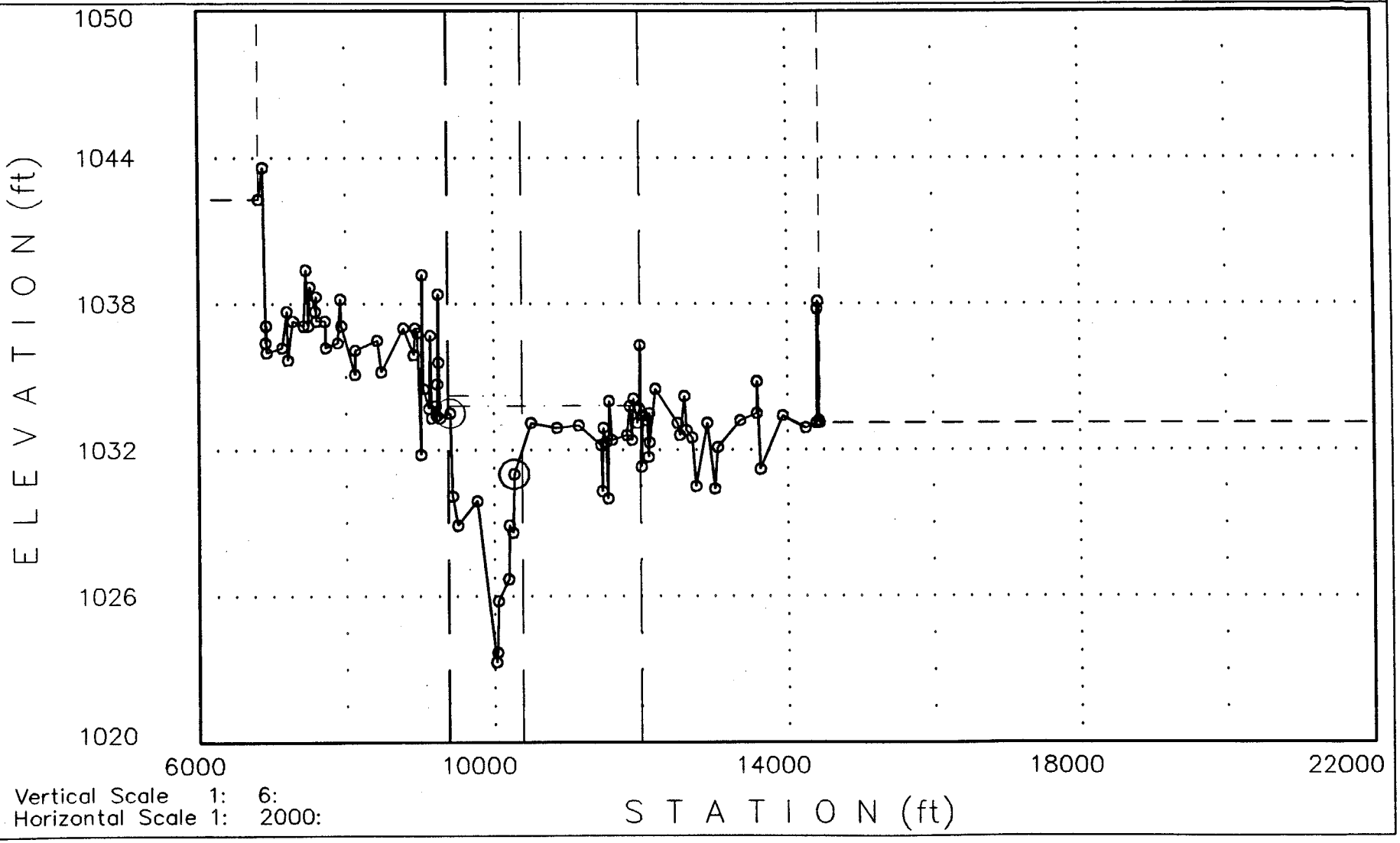
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 10.167: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1033.82
Q2= 30000cfs WS2= 1034.23

Manning-n Values: LOB: .05 CH: .035 ROB: .05



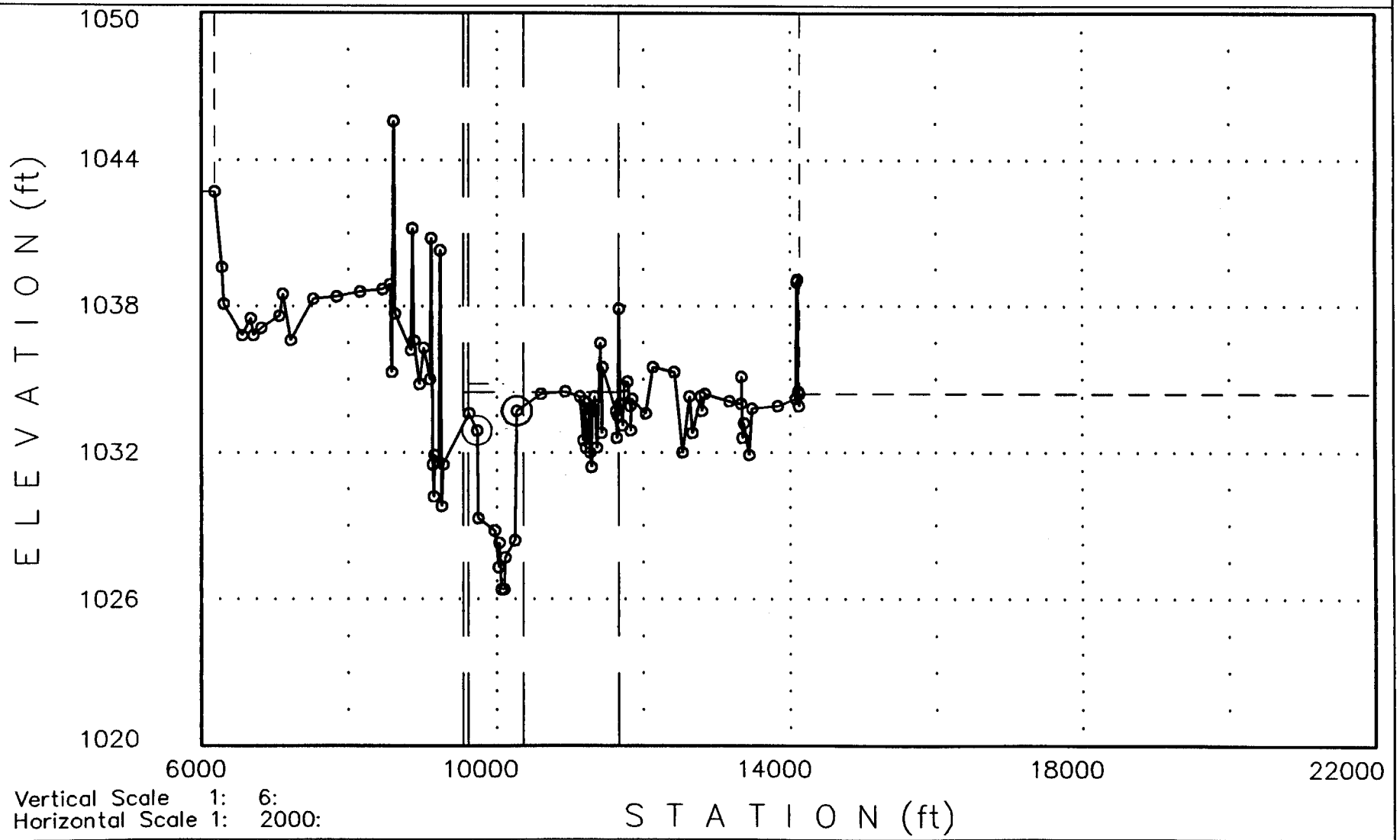
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.265: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1034.48
Q2= 30000cfs WS2= 1034.82

Manning-n Values: LOB: .05 CH: .035 ROB: .05



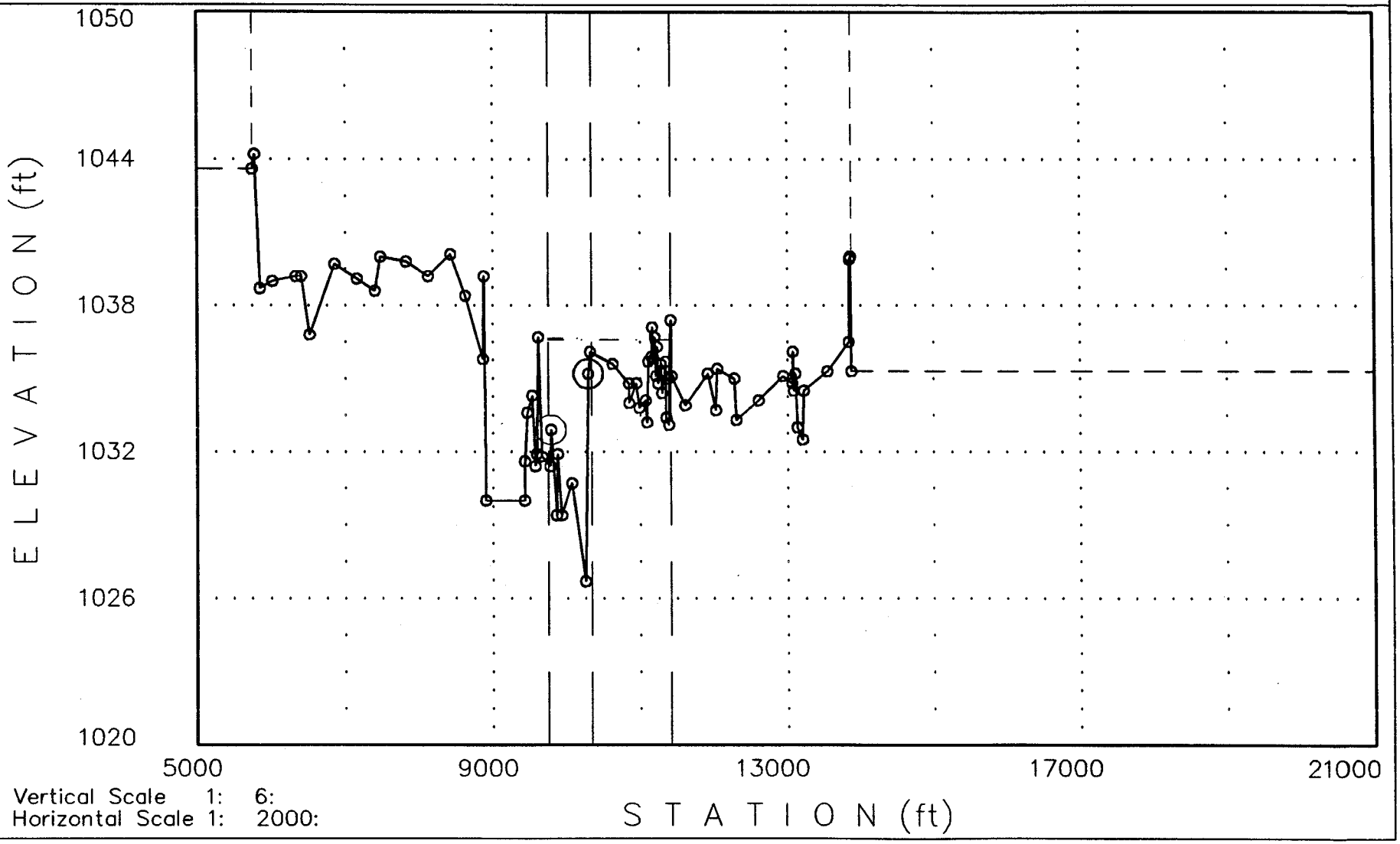
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.343: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1036.59
Q2= 30000cfs WS2= 1036.67

Manning-n Values: LOB: .05 CH: .045 ROB: .05



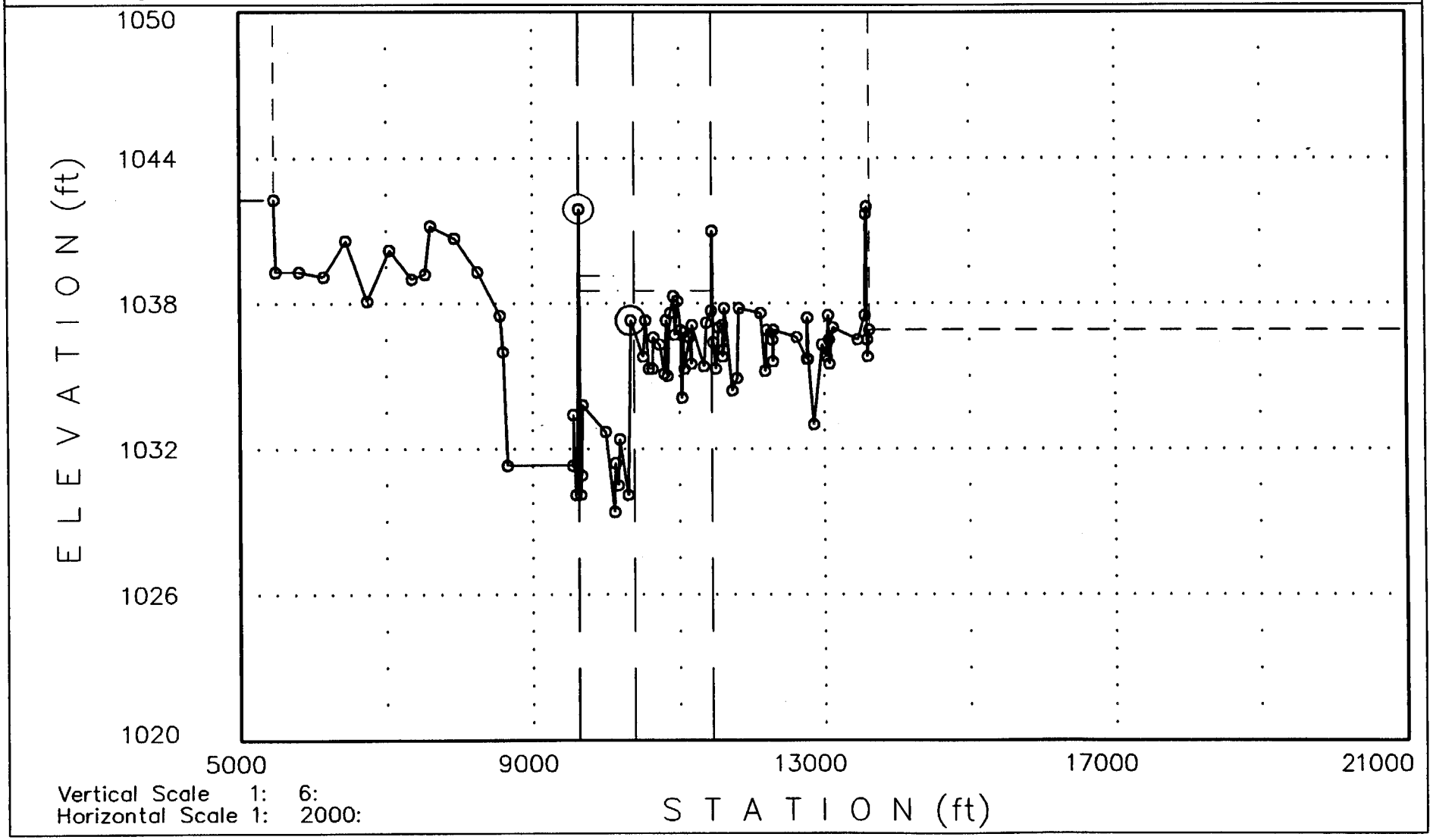
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.442: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1038.52
Q2= 30000cfs WS2= 1039.14

Manning-n Values: LOB: 0 CH: .045 ROB: .05



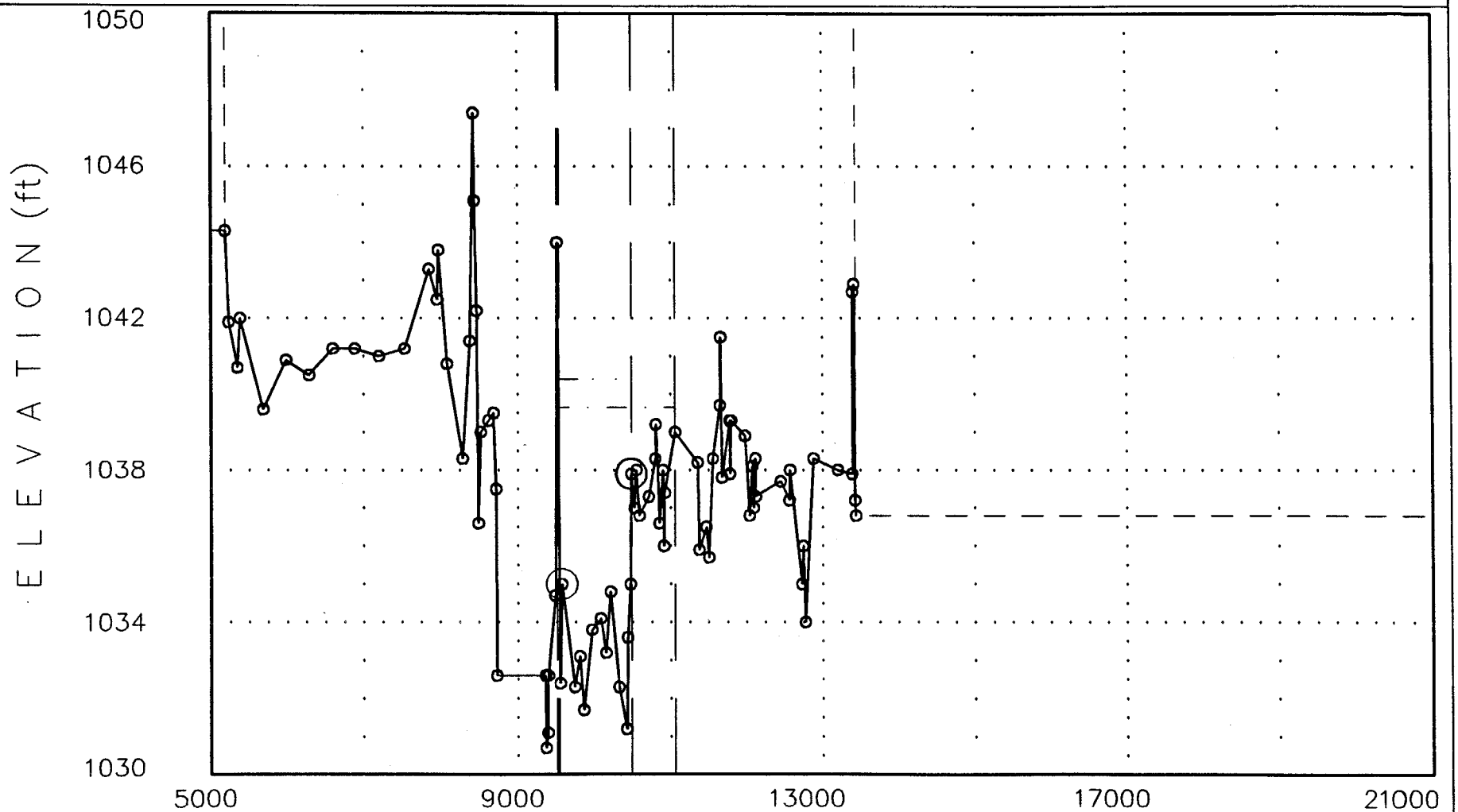
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.538: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1039.65
Q2= 30000cfs WS2= 1040.4

Manning-n Values: LOB: .05 CH: .045 ROB: .05



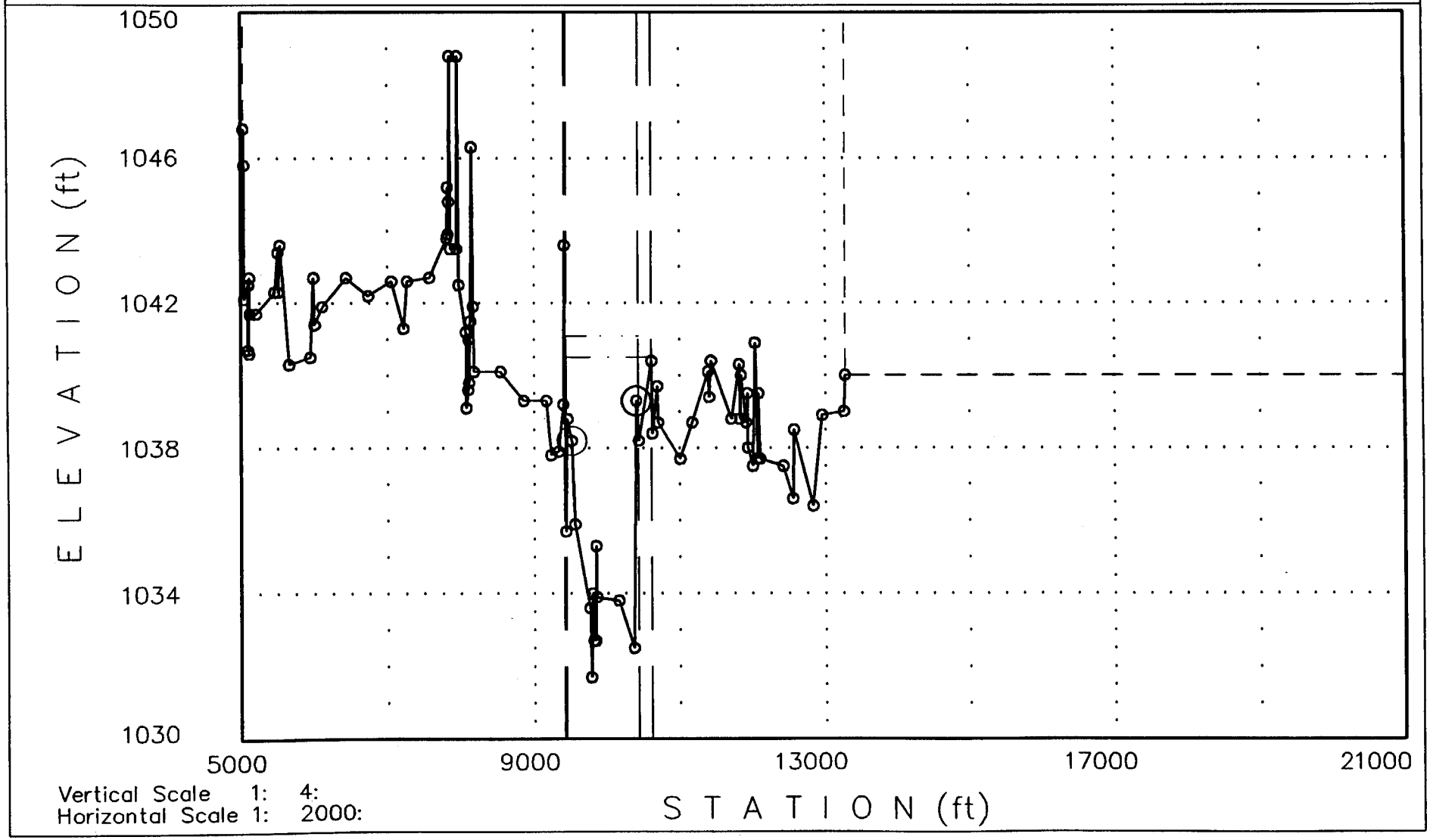
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.632: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1040.5
Q2= 30000cfs WS2= 1041.1

Manning-n Values: LOB: .05 CH: .045 ROB: .05



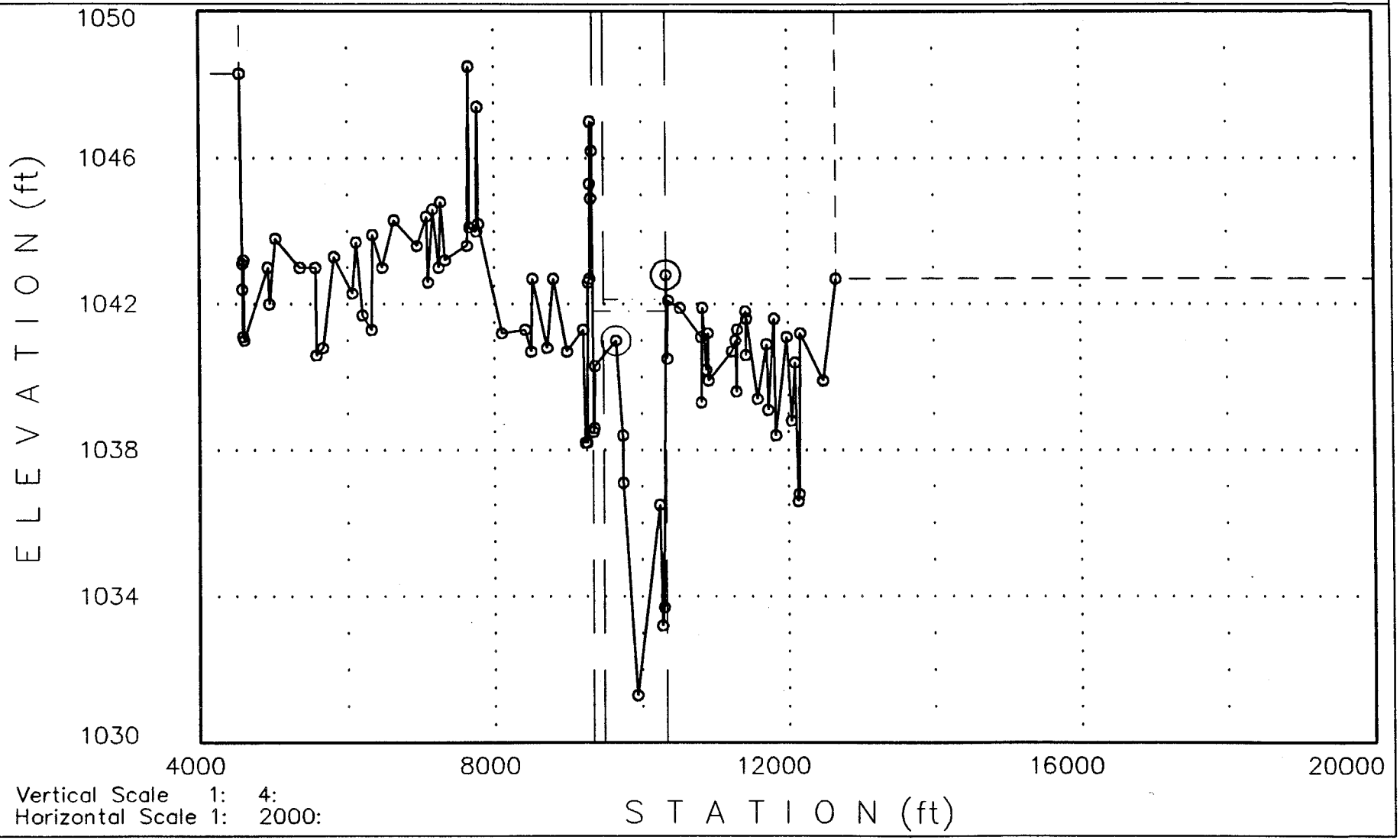
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.752: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1041.82
Q2= 30000cfs WS2= 1042.13

Manning-n Values: LOB: .05 CH: .045 ROB: 0



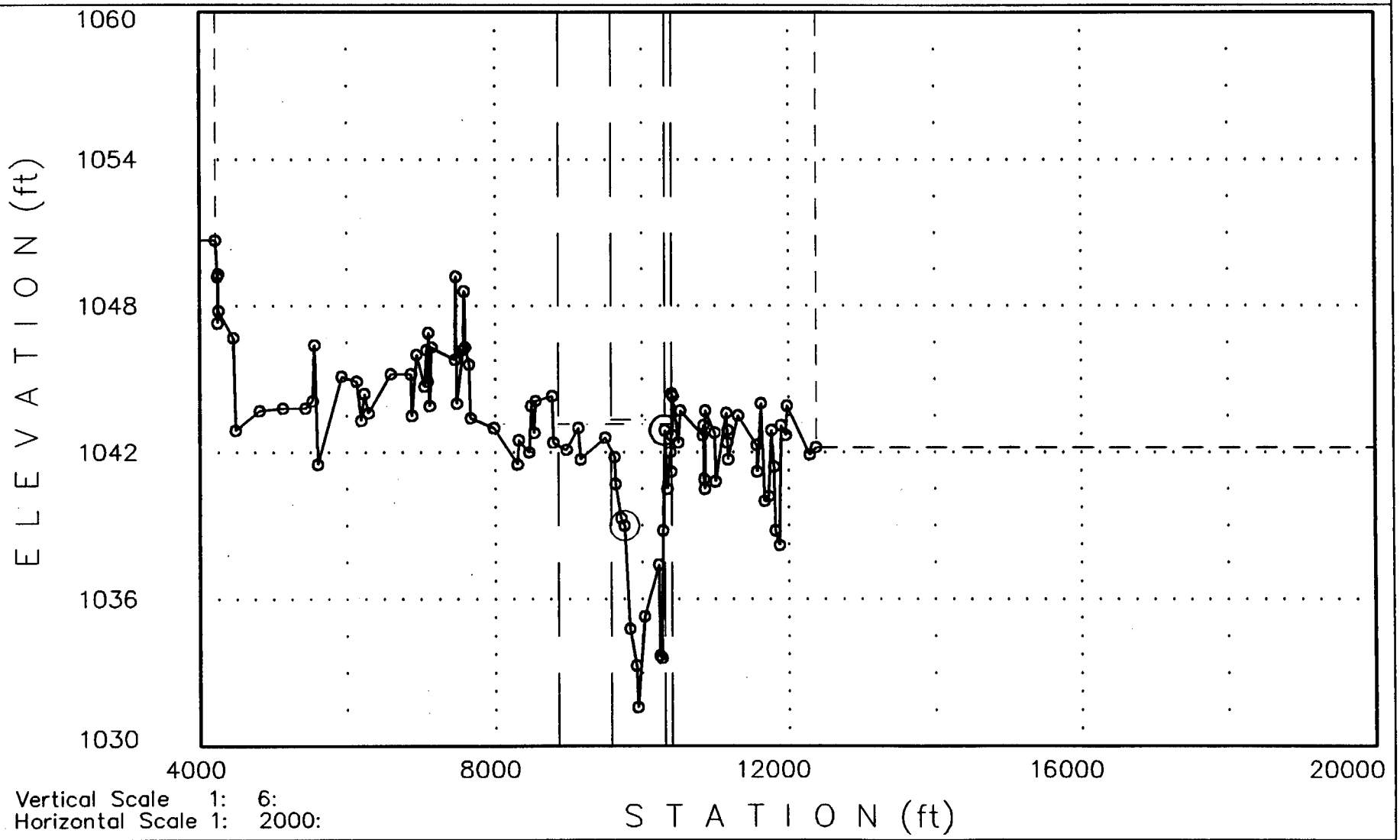
Vertical Scale 1: 4:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.846: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1043.16
Q2= 30000cfs WS2= 1043.34

Manning-n Values: LOB: .05 CH: .045 ROB: .05



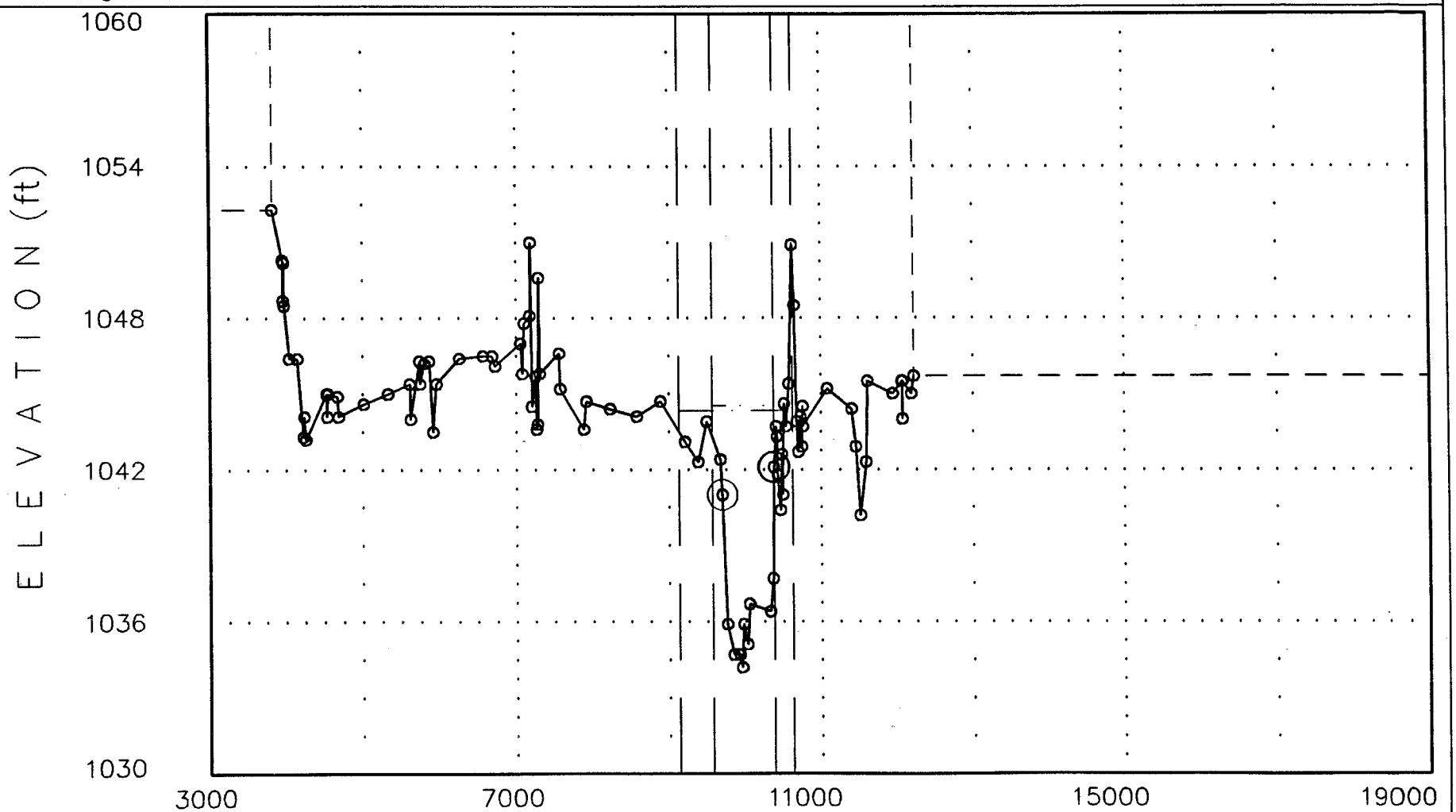
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 10.942: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1044.33
Q2= 30000cfs WS2= 1044.53

Manning-n Values: LOB: .05 CH: .045 ROB: .095



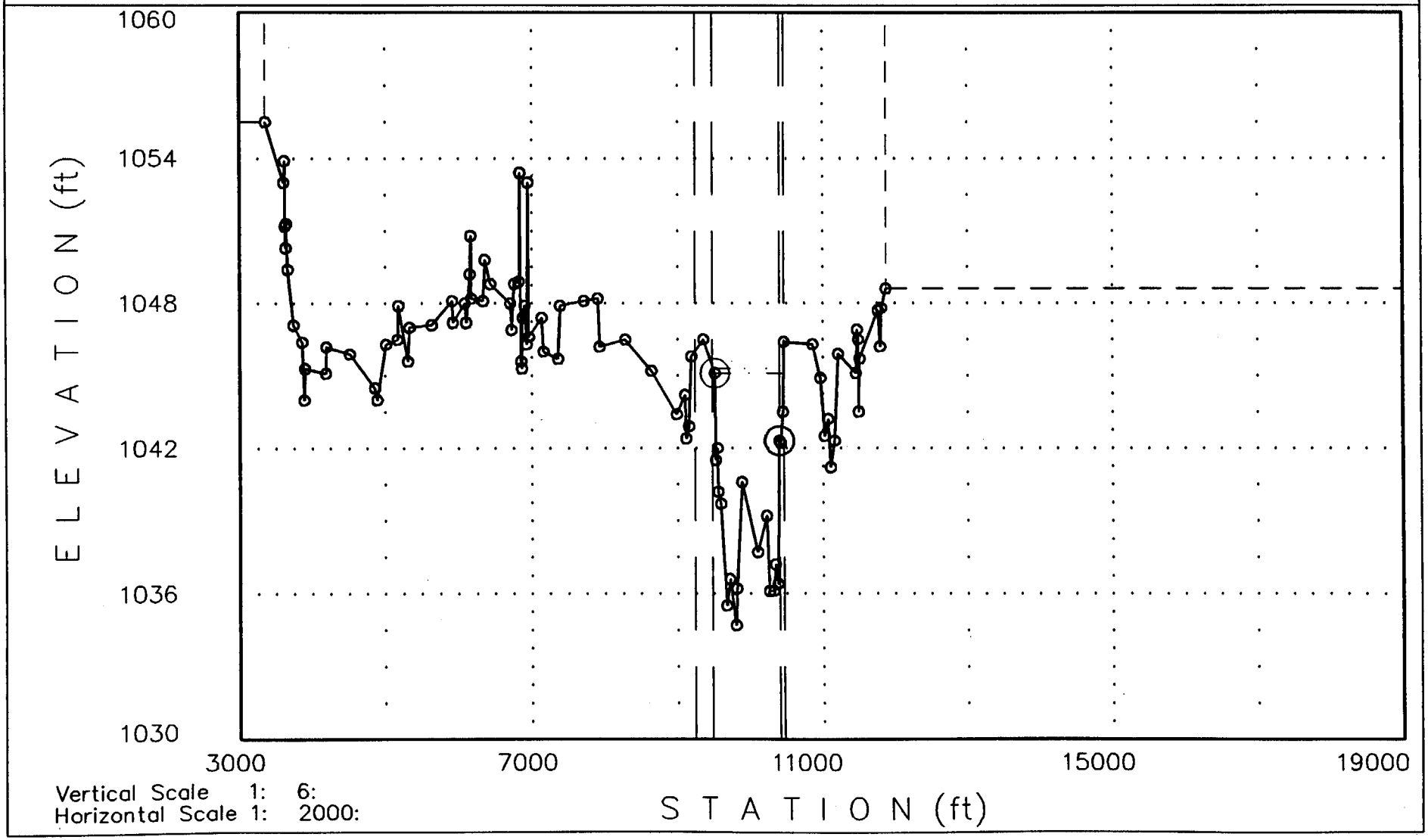
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 11.029: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1045.09
Q2= 30000cfs WS2= 1045.29

Manning-n Values: LOB: 0 - .05 CH: .045 ROB: .095



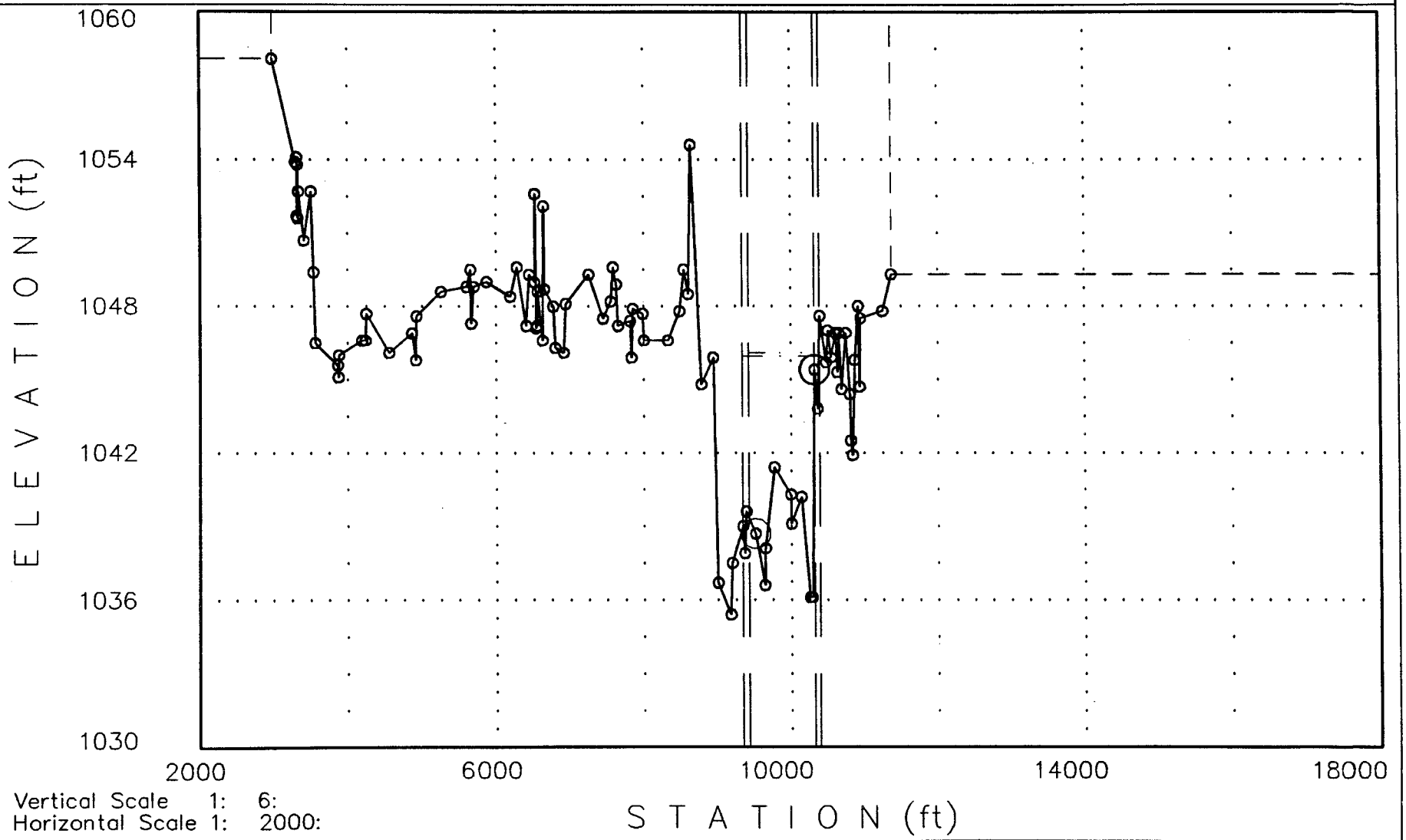
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 11.128: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1045.95
Q2= 30000cfs WS2= 1046.11

Manning-n Values: LOB: .05 CH: .045 ROB: .095



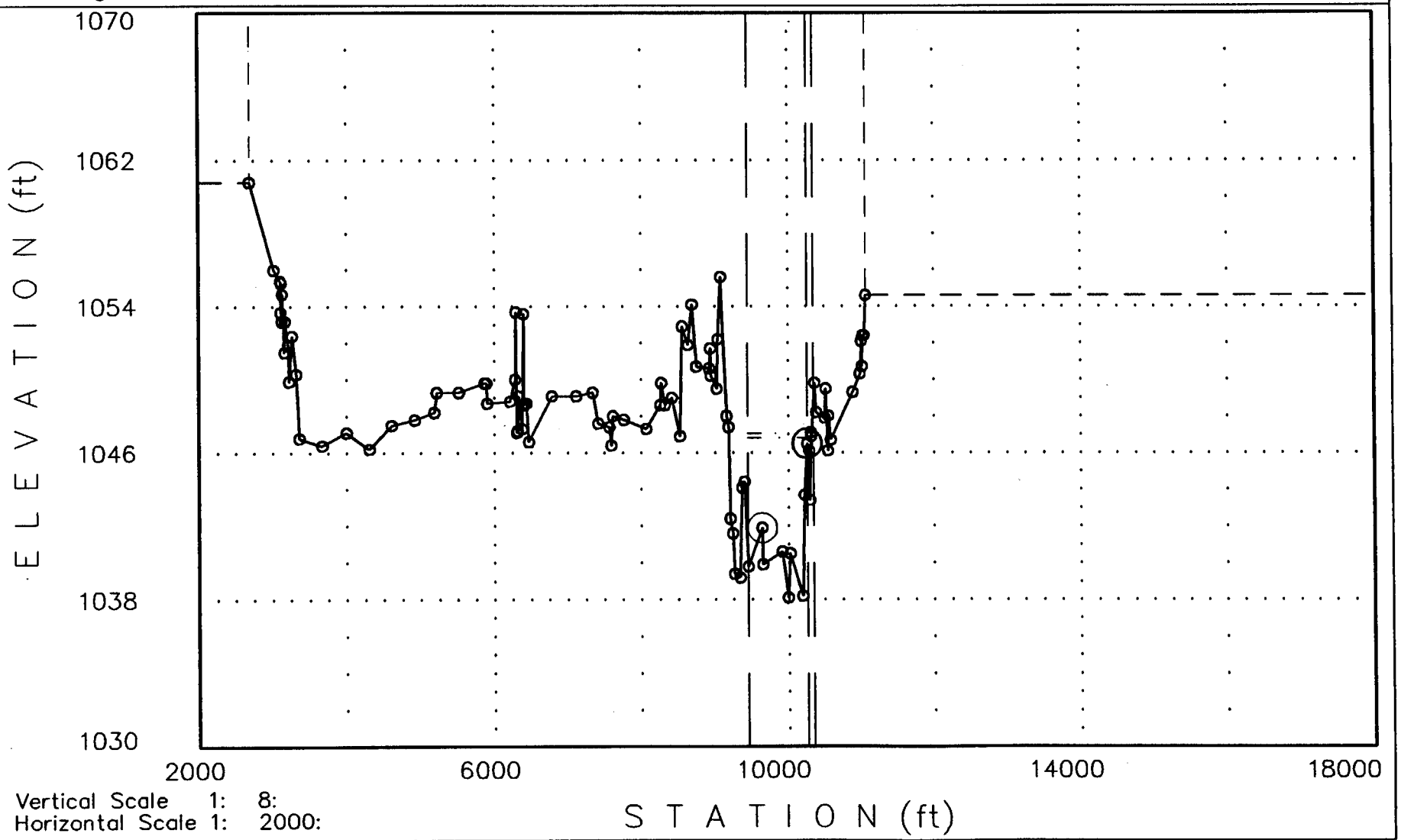
Vertical Scale 1: 6:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 11.224: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1046.82
Q2= 30000cfs WS2= 1047.06

Manning-n Values: LOB: .05 CH: .045 ROB: .095



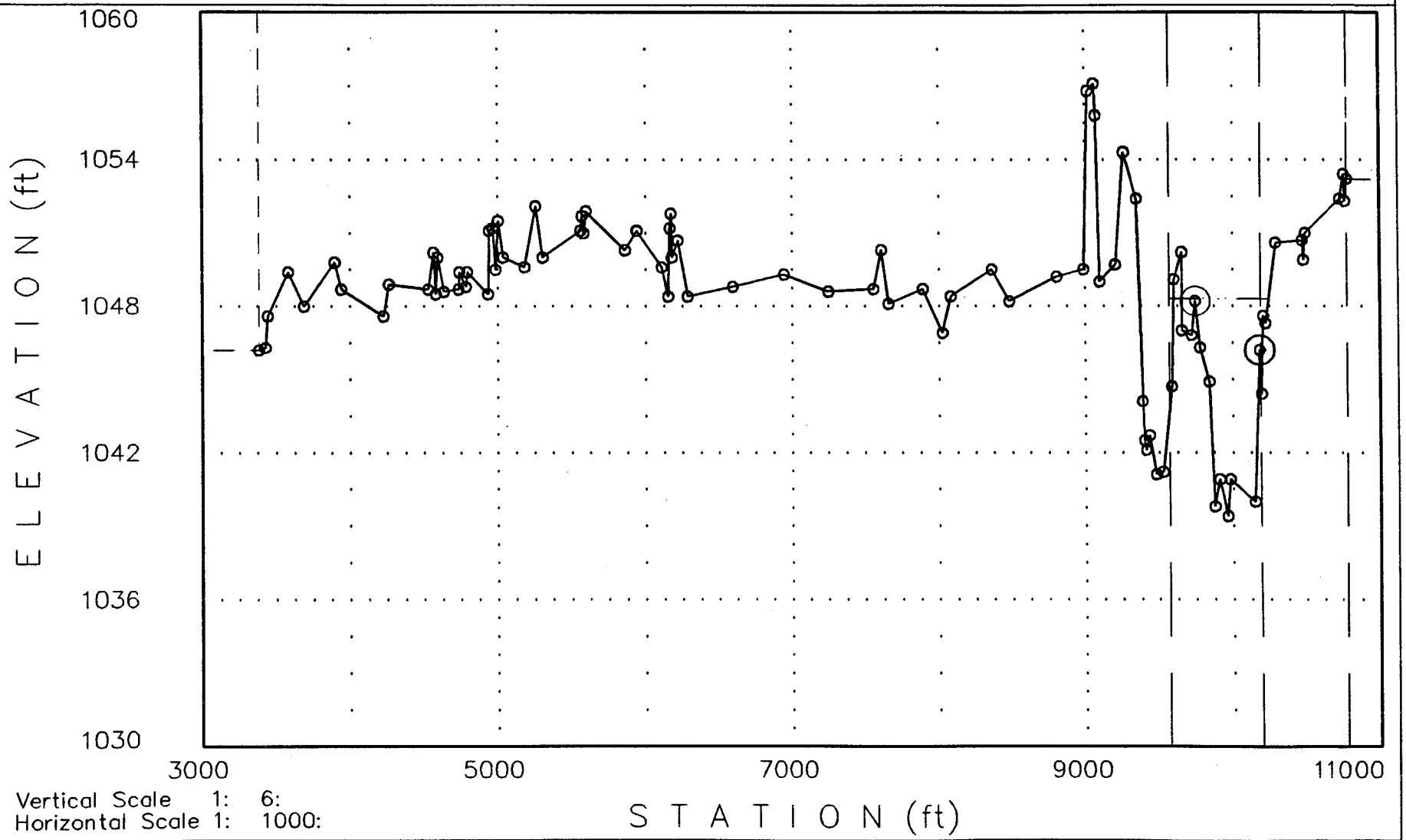
Vertical Scale 1: 8:
Horizontal Scale 1: 2000:

09-15-1996

<<<<<< Cross Section: 11.325: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1048.3
Q2= 30000cfs WS2= 1048.33

Manning-n Values: LOB: .05 CH: .045 ROB: .095



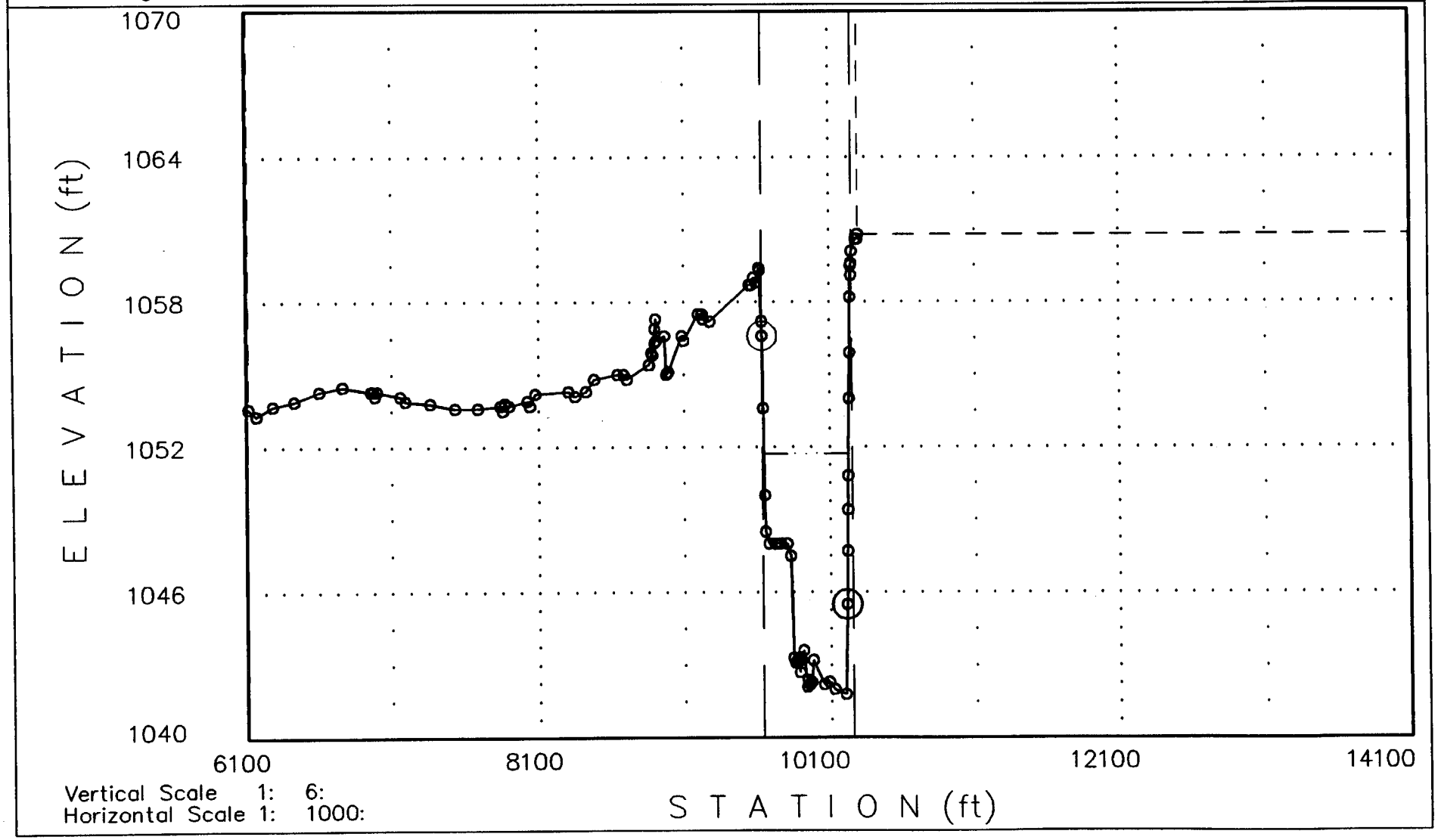
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.41: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1051.71
Q2= 30000cfs WS2= 1051.73

Manning-n Values: LOB: 0 CH: .045 ROB: .095



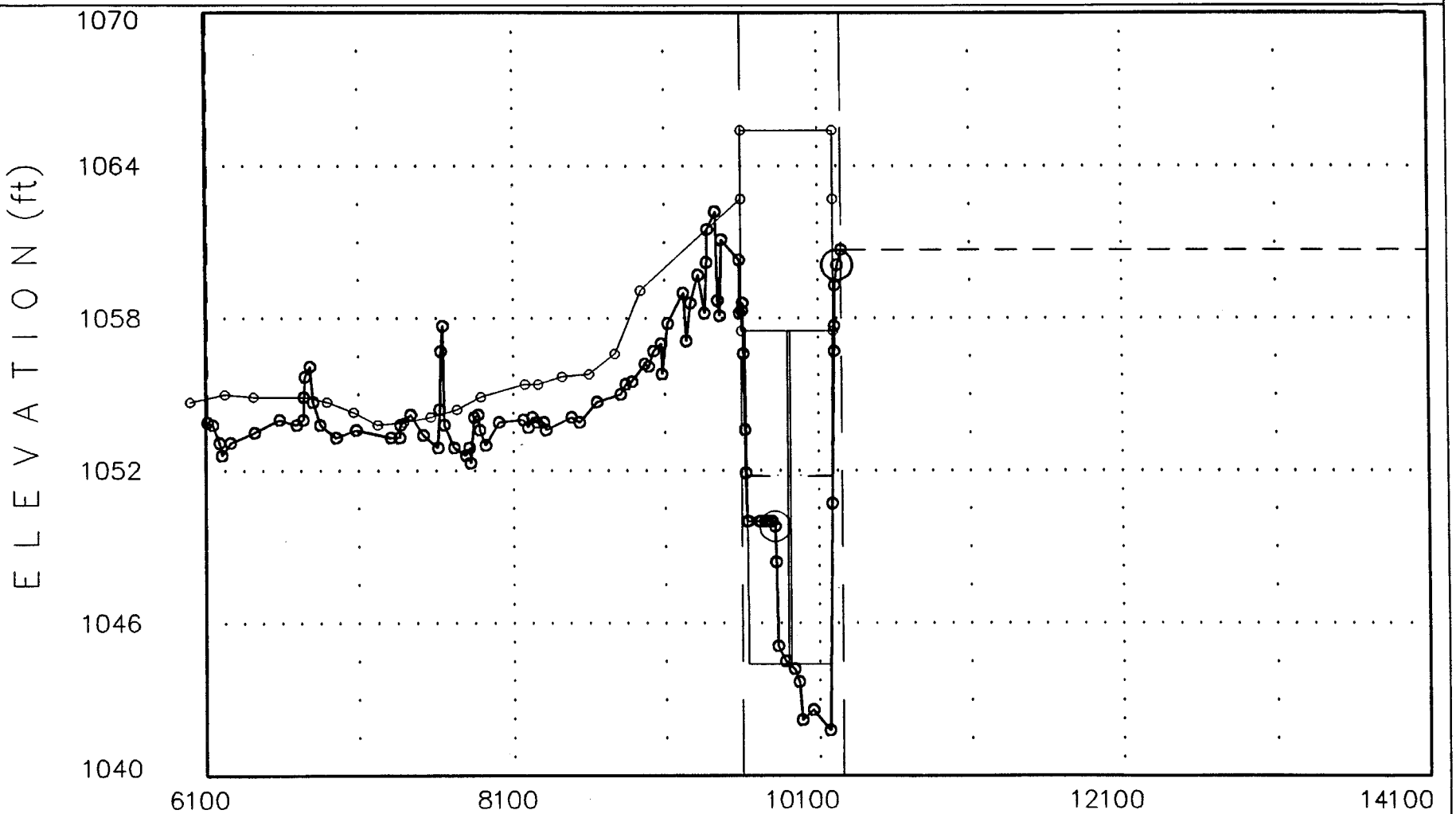
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.428: (FN = AGUAFRIA.120) >>>>>>

Q1= 30000cfs WS1= 1051.78
Q2= 30000cfs WS2= 1051.8

Manning-n Values: LOB: .05 CH: .045 ROB: 0



Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

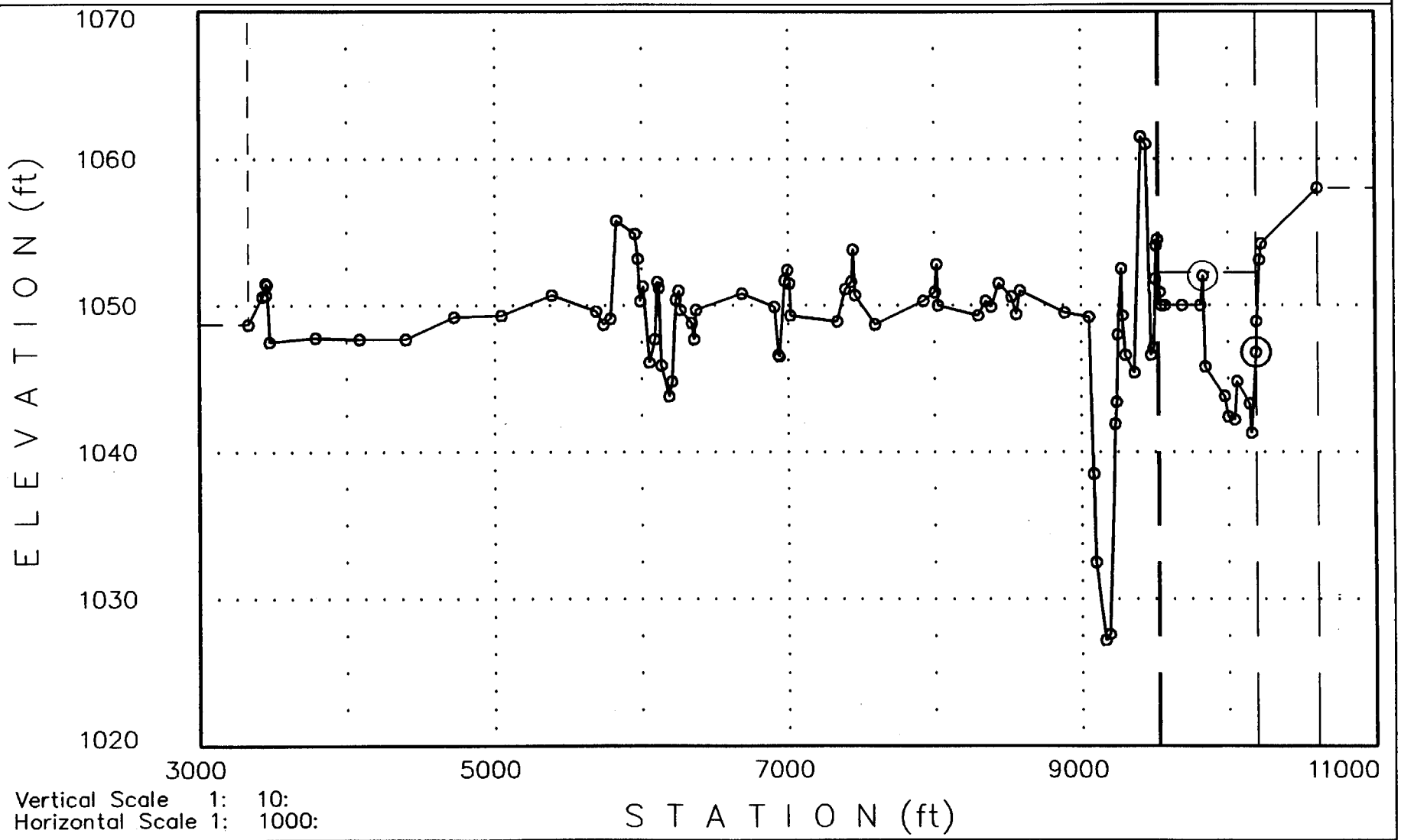
09-15-1996

<<<<<< Cross Section: 11.46: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1052.25

Q2= 34500cfs WS2= 1052.26

Manning-n Values: LOB: .15 CH: .035 ROB: .055



Vertical Scale 1: 10:

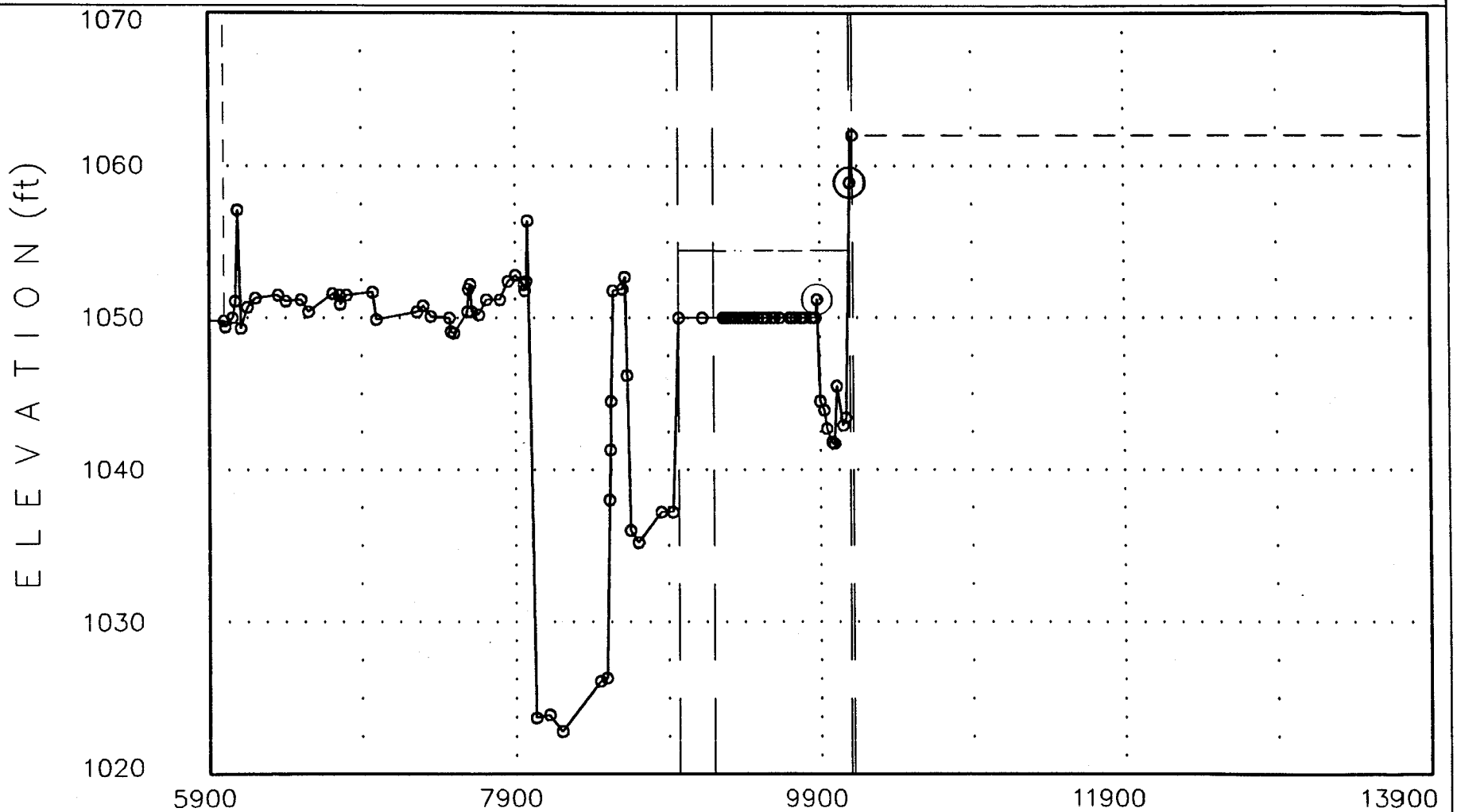
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.557: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1054.44
Q2= 34500cfs WS2= 1054.41

Manning-n Values: LOB: .15 CH: .035 ROB: 0



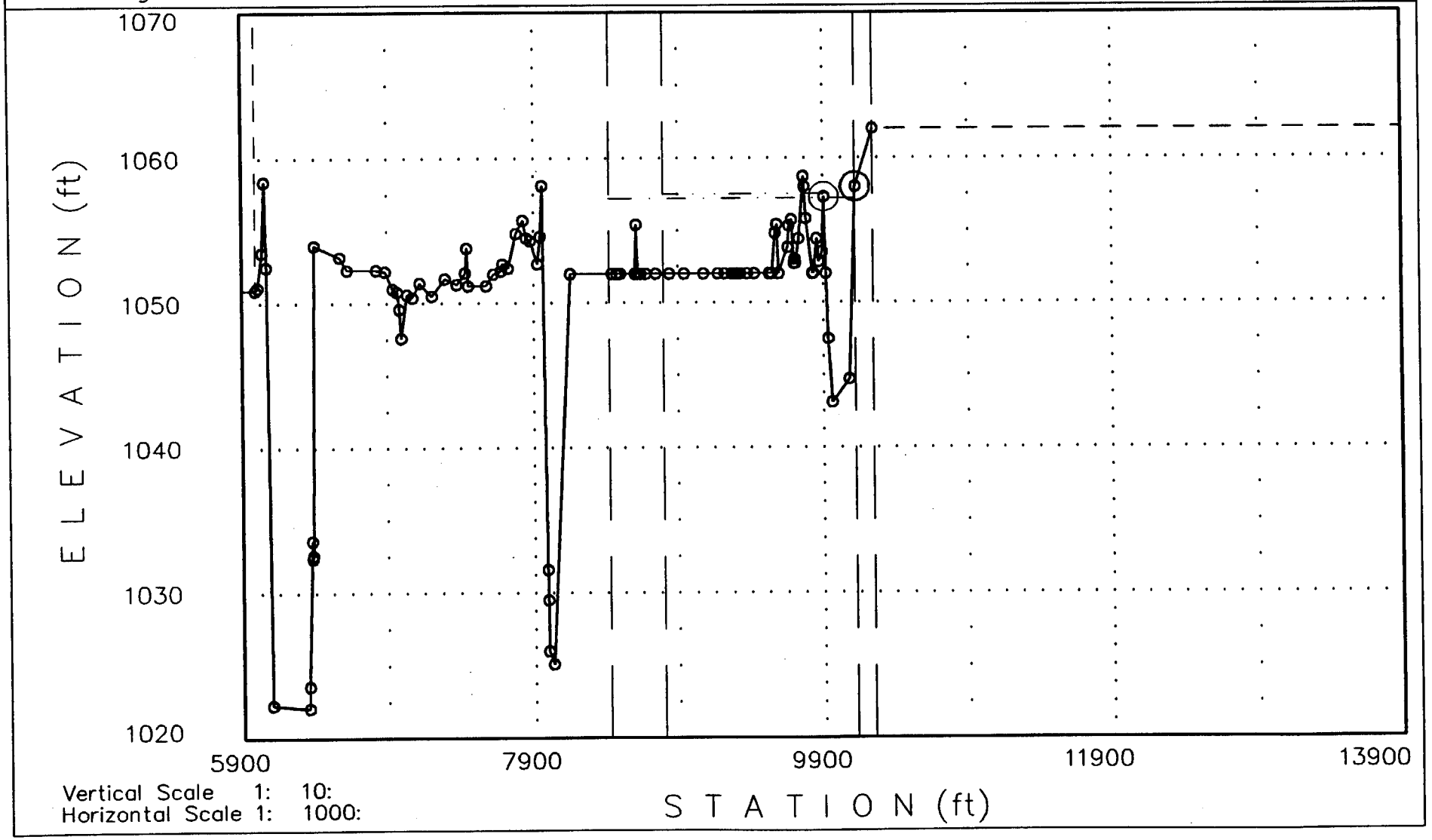
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.653: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1057.21
Q2= 34500cfs WS2= 1057.53

Manning-n Values: LOB: .15 CH: .035 ROB: 0



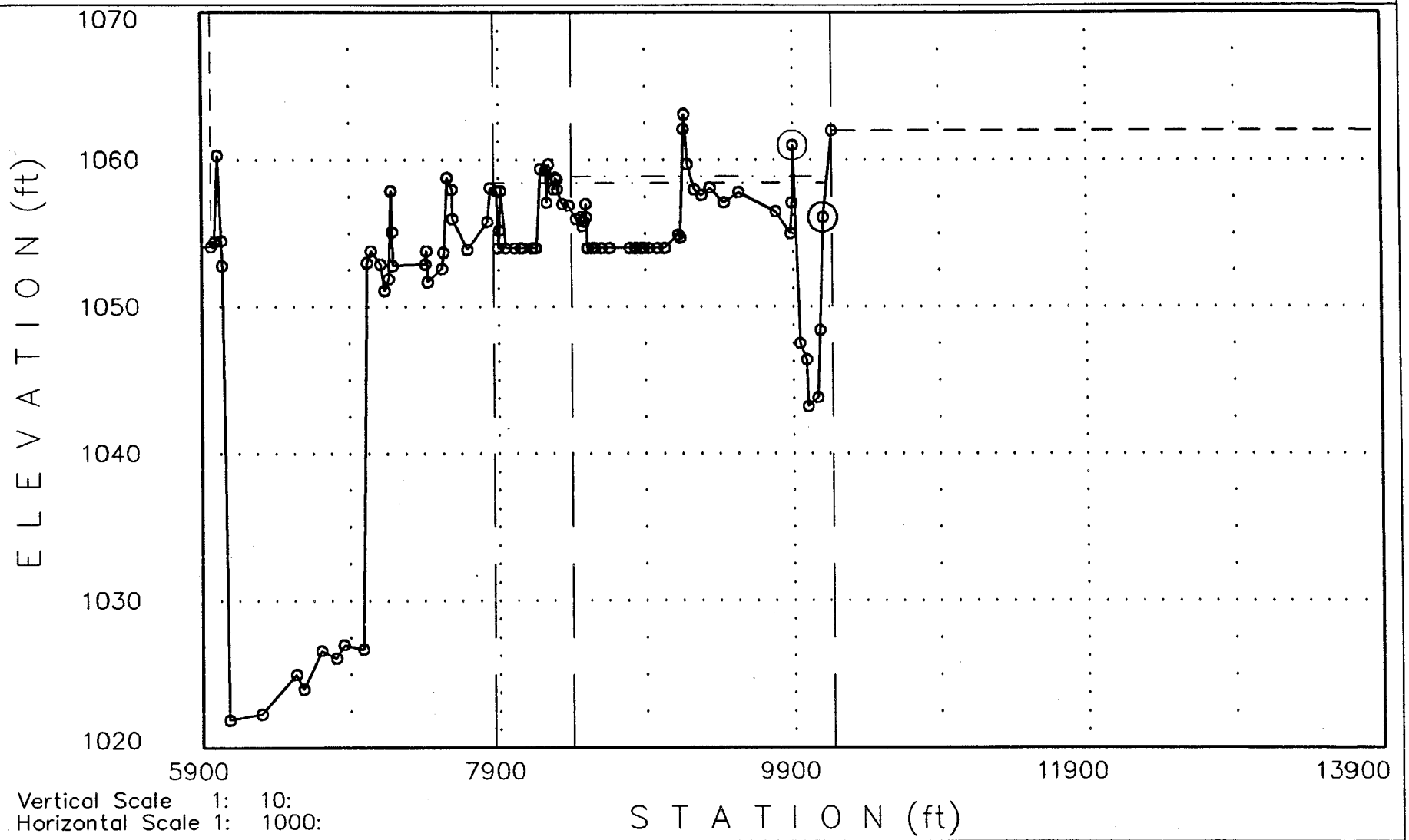
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.75: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1058.46
Q2= 34500cfs WS2= 1058.89

Manning-n Values: LOB: .15 CH: .035 ROB: .055



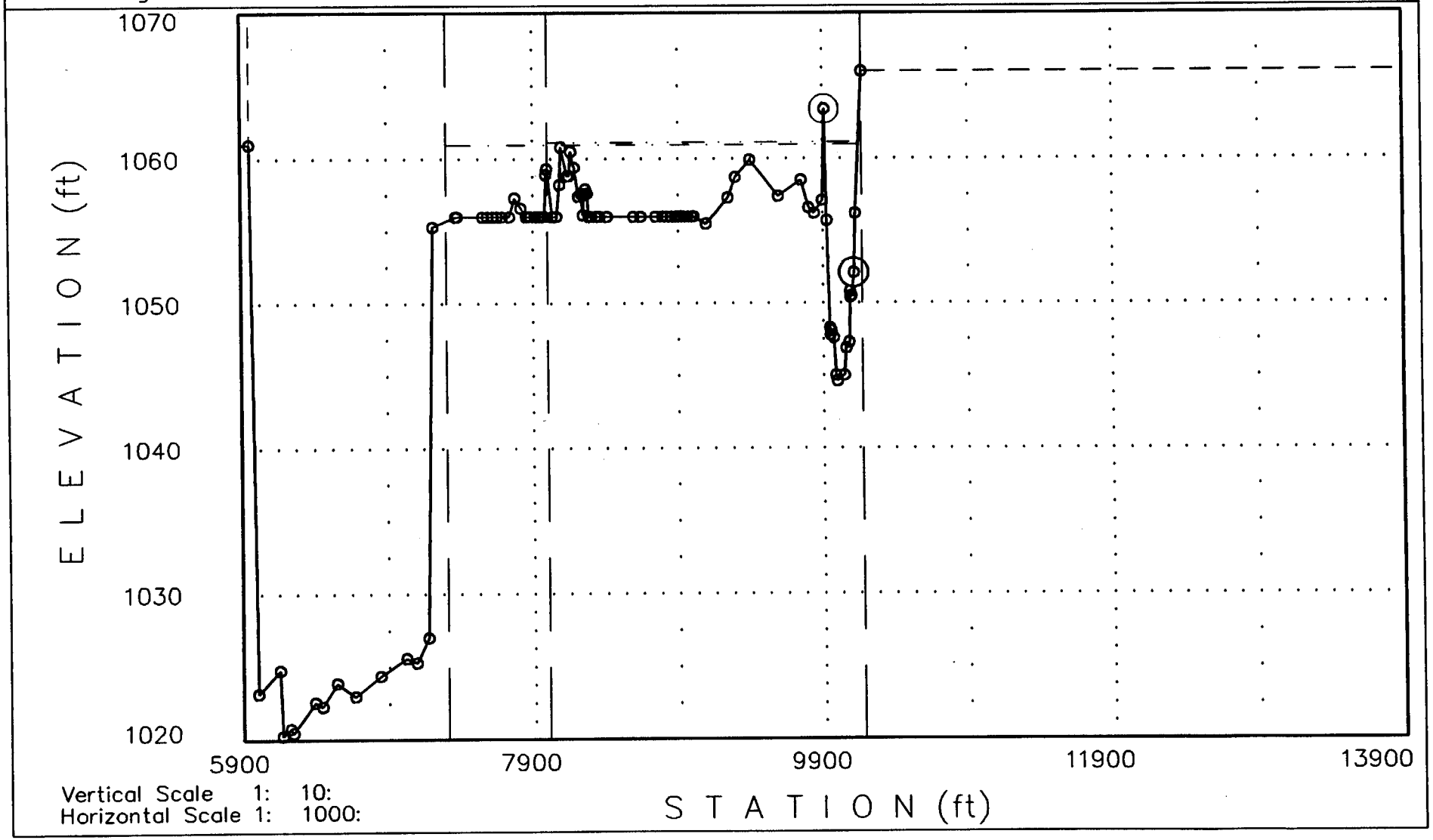
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.847: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1060.95
Q2= 34500cfs WS2= 1061.14

Manning-n Values: LOB: .15 CH: .035 ROB: .055



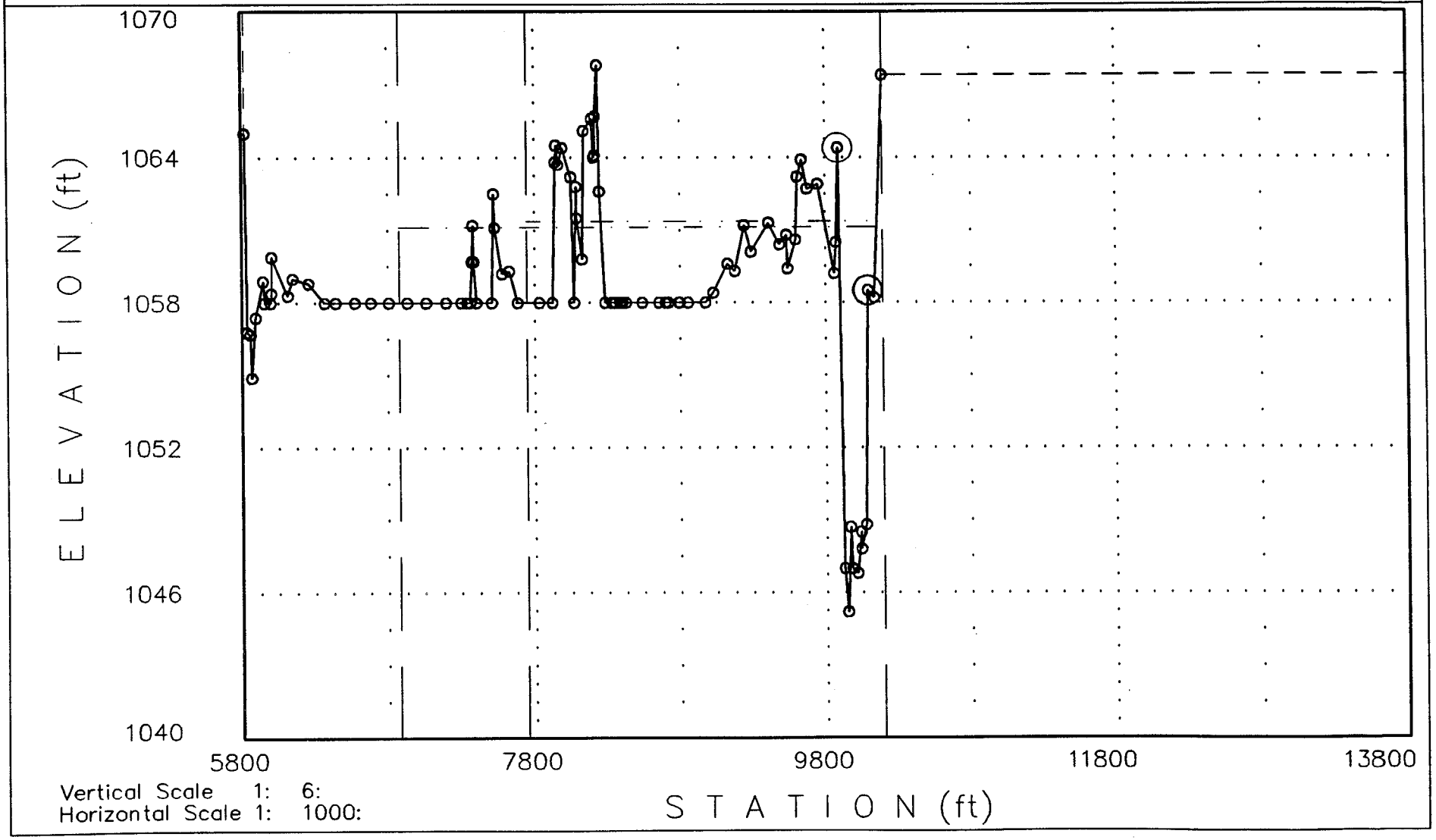
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.9: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1061.12
Q2= 34500cfs WS2= 1061.38

Manning-n Values: LOB: .15 CH: .035 ROB: .055



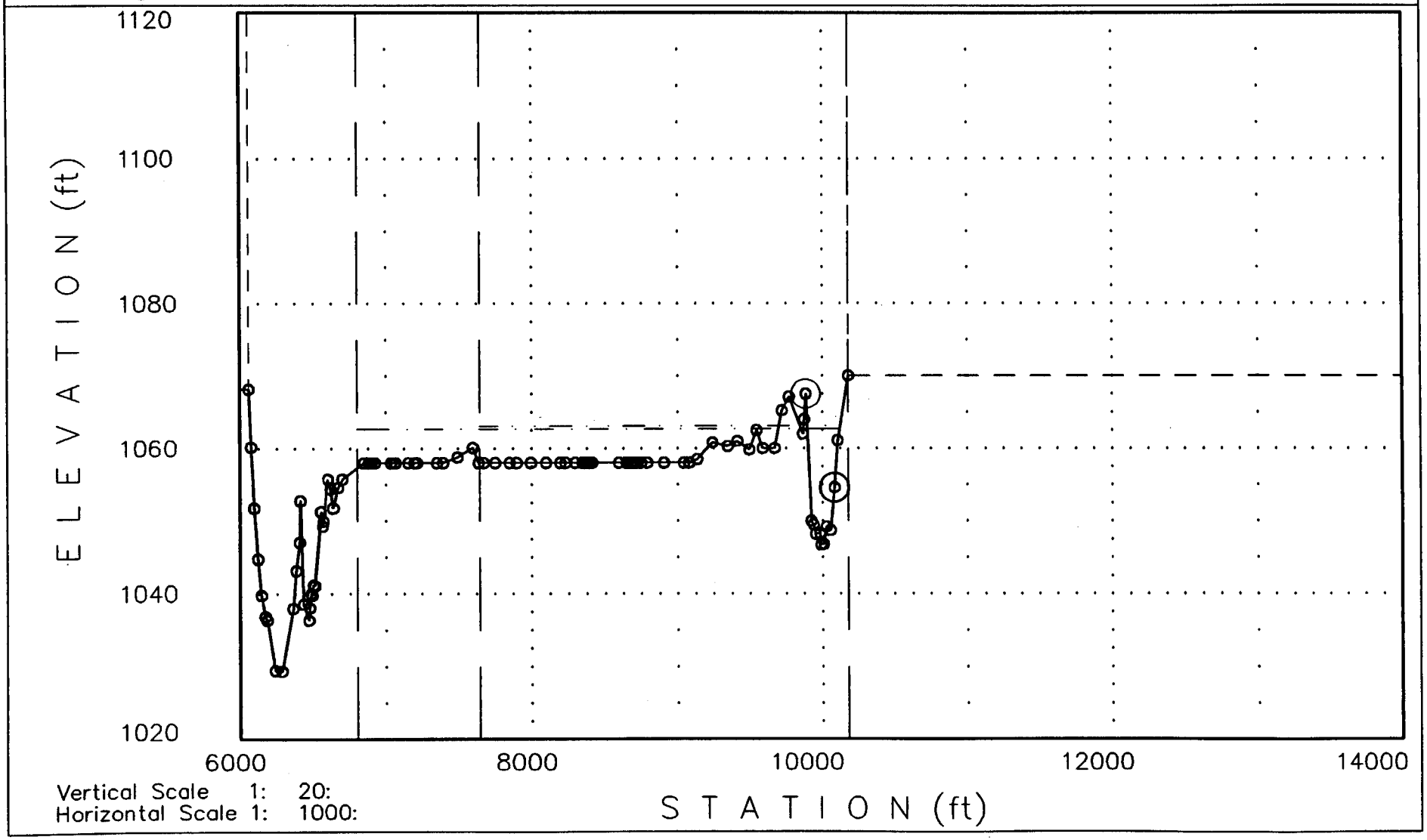
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 11.943: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1062.73
Q2= 34500cfs WS2= 1063.1

Manning-n Values: LOB: .15 CH: .035 ROB: .055



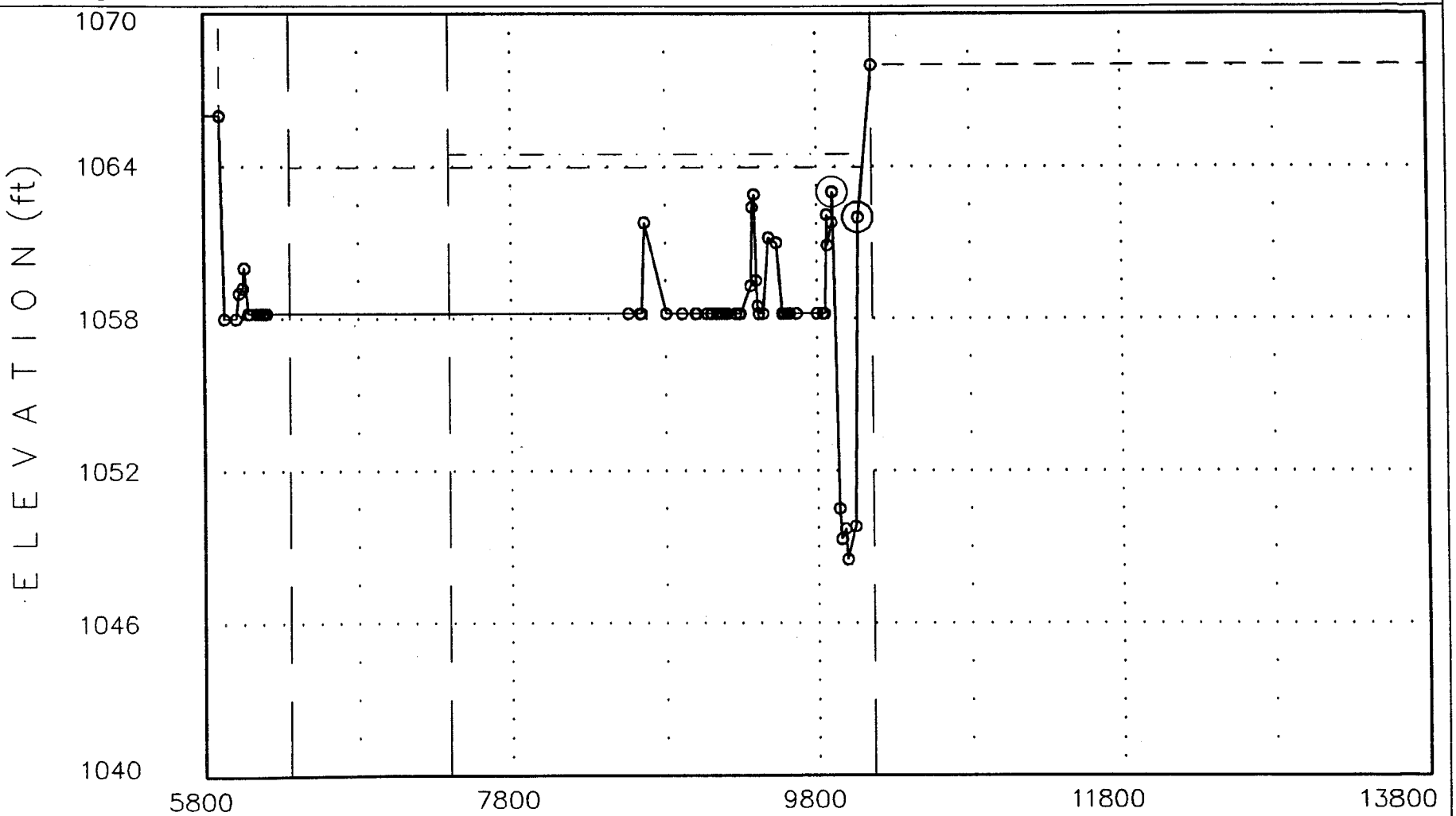
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 12.042: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1063.97
Q2= 34500cfs WS2= 1064.49

Manning-n Values: LOB: .15 CH: .035 ROB: .055



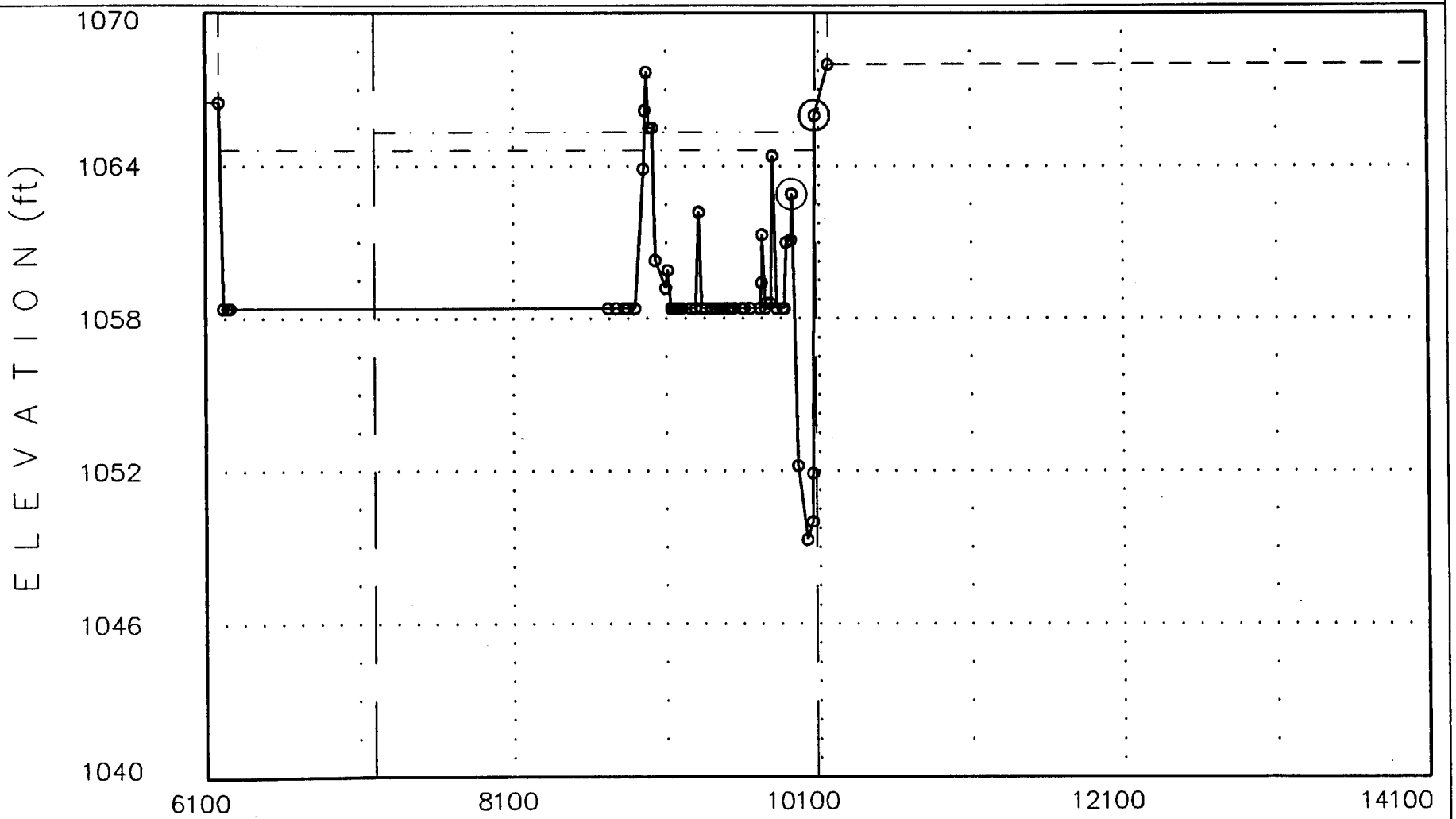
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.141: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1064.63
Q2= 34500cfs WS2= 1065.33

Manning-n Values: LOB: .15 CH: .035 ROB: 0



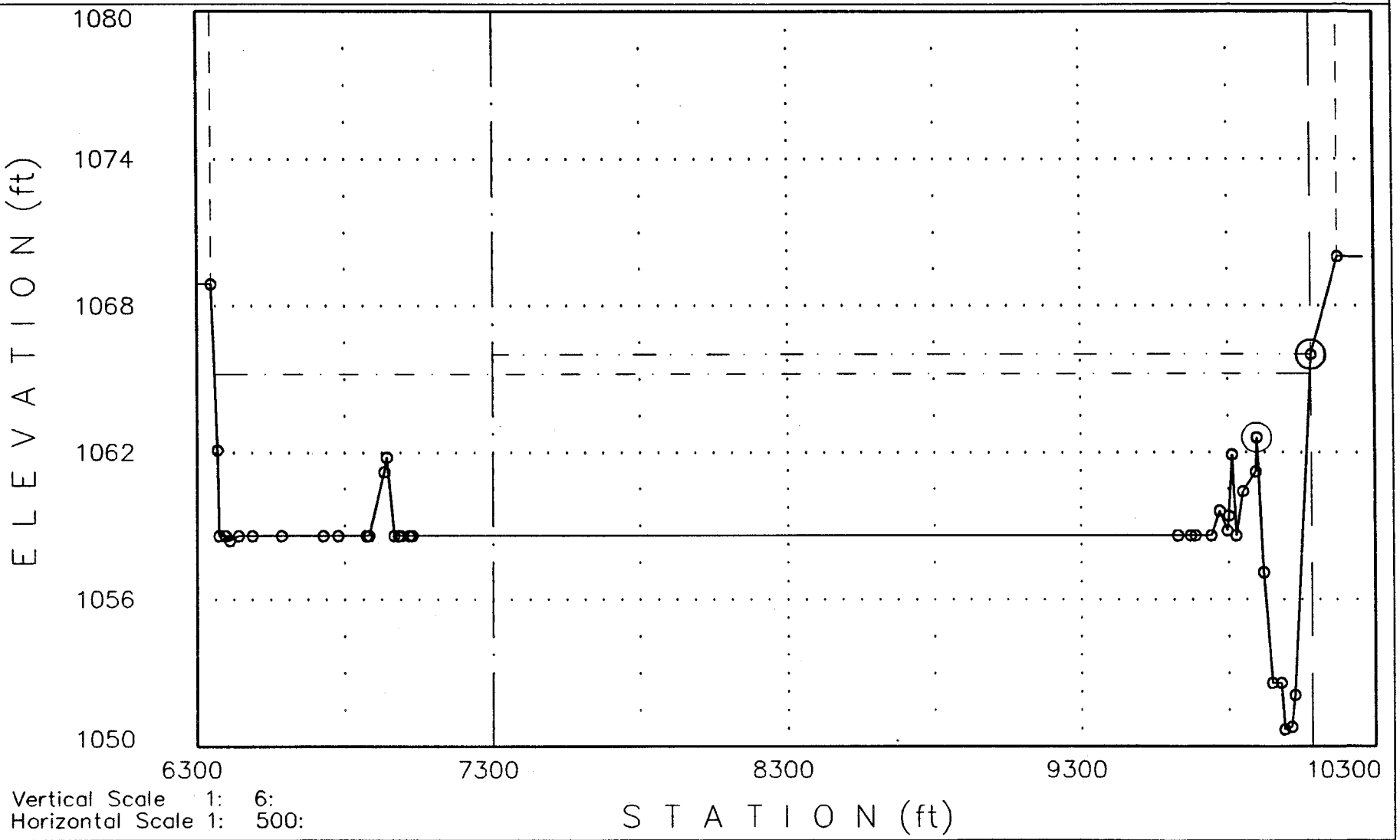
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.247: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1065.21
Q2= 34500cfs WS2= 1066.02

Manning-n Values: LOB: .15 CH: .035 ROB: 0



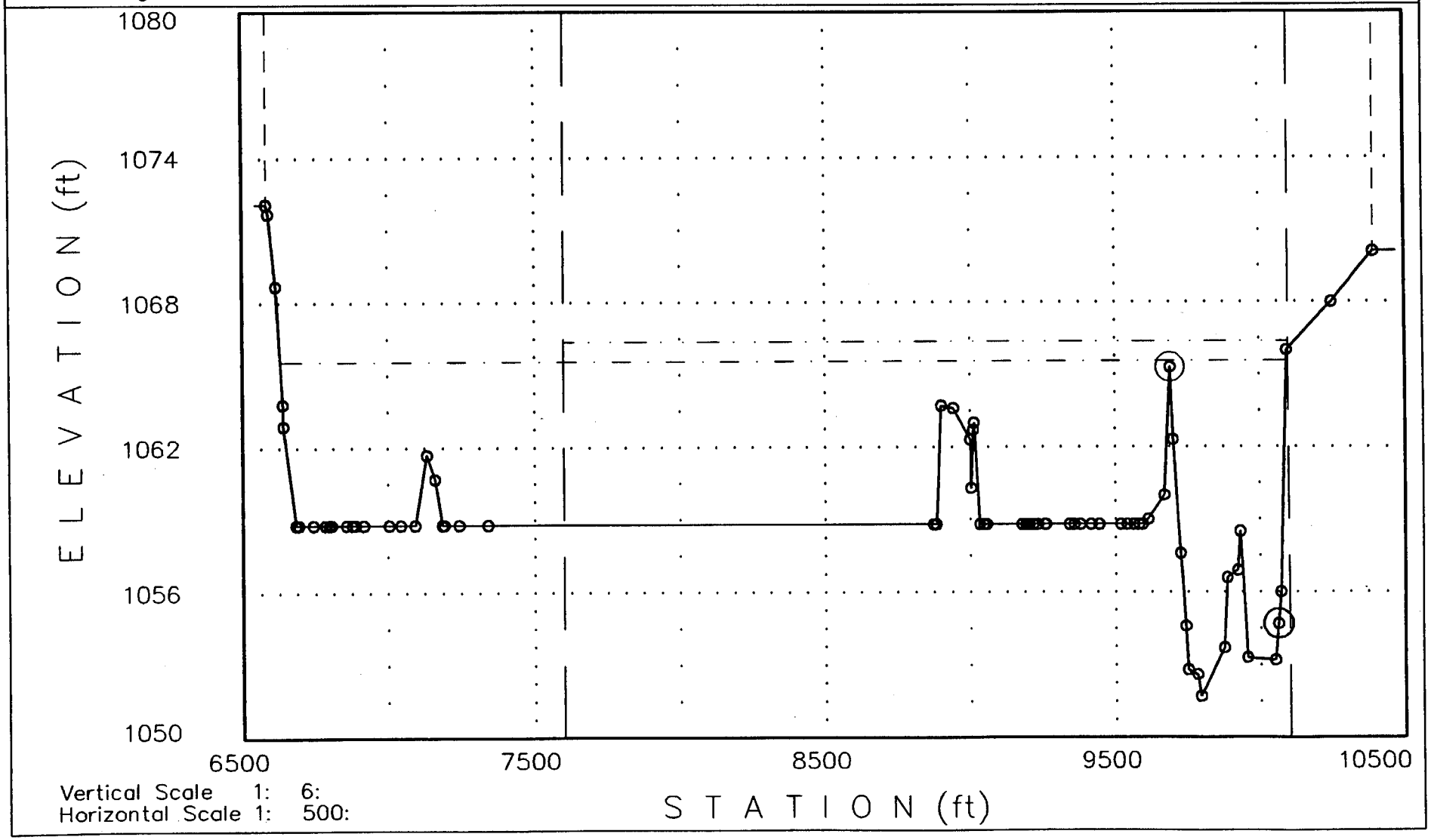
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 12.359: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1065.56
Q2= 34500cfs WS2= 1066.38

Manning-n Values: LOB: .15 CH: .035 ROB: .055



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

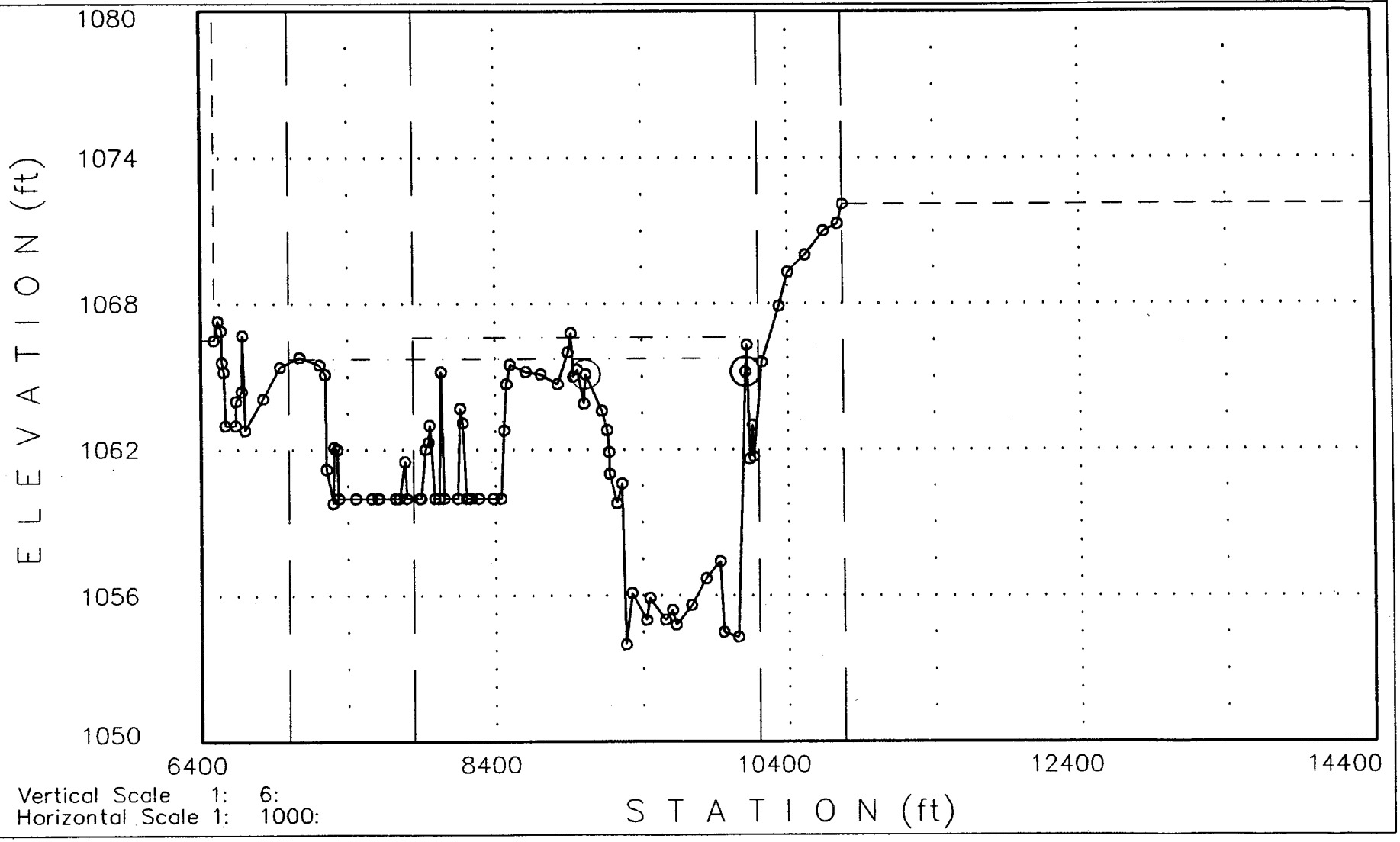
10-11-1996

<<<<<< Cross Section: 12.42: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1065.74

Q2= 34500cfs WS2= 1066.62

Manning-n Values: LOB: .15 CH: .035 ROB: .055



Vertical Scale 1: 6:

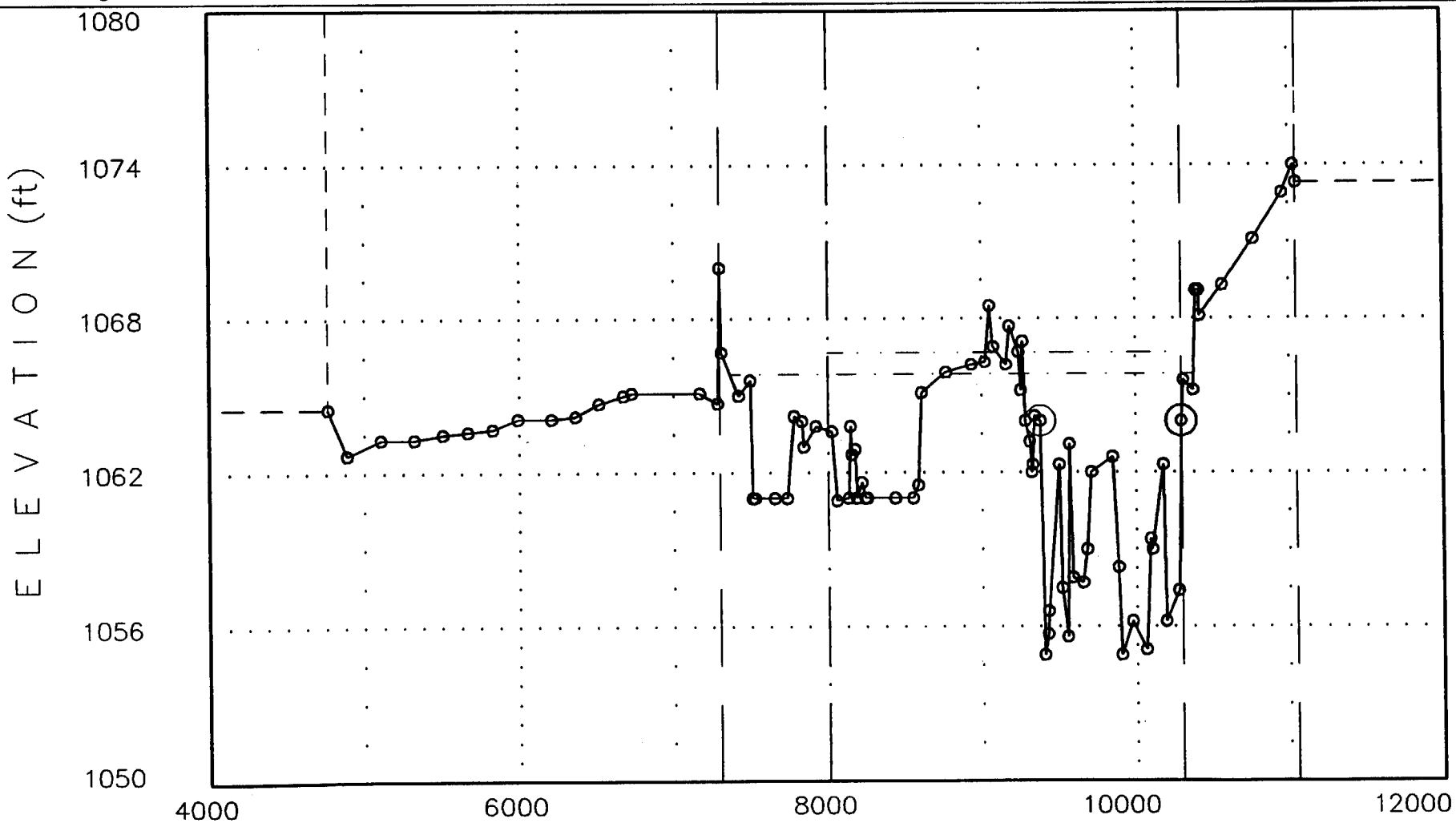
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.47: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1065.84
Q2= 34500cfs WS2= 1066.69

Manning-n Values: LOB: .045 CH: .035 ROB: .04



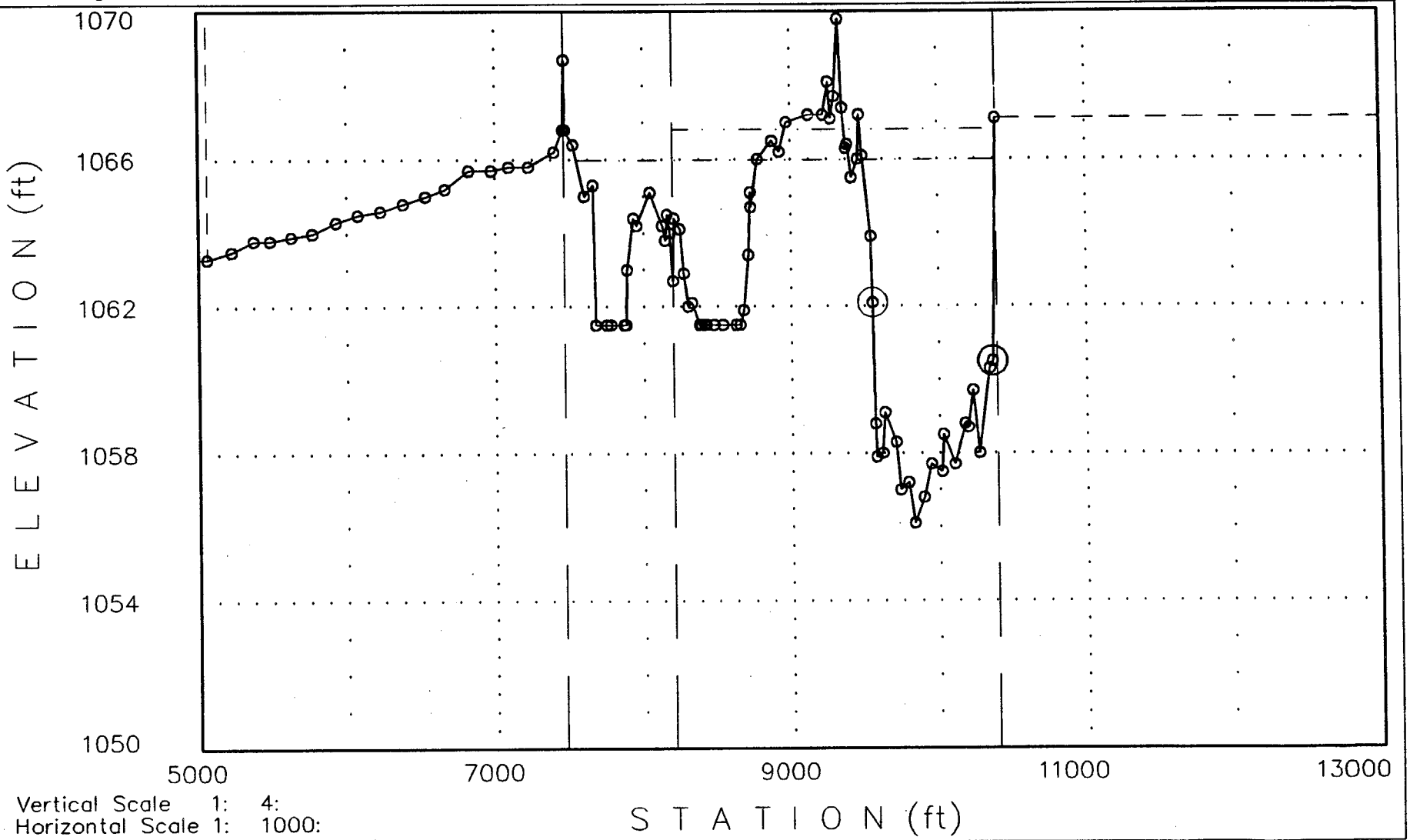
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.529: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1065.99
Q2= 34500cfs WS2= 1066.81

Manning-n Values: LOB: .045 CH: .035 ROB: .04



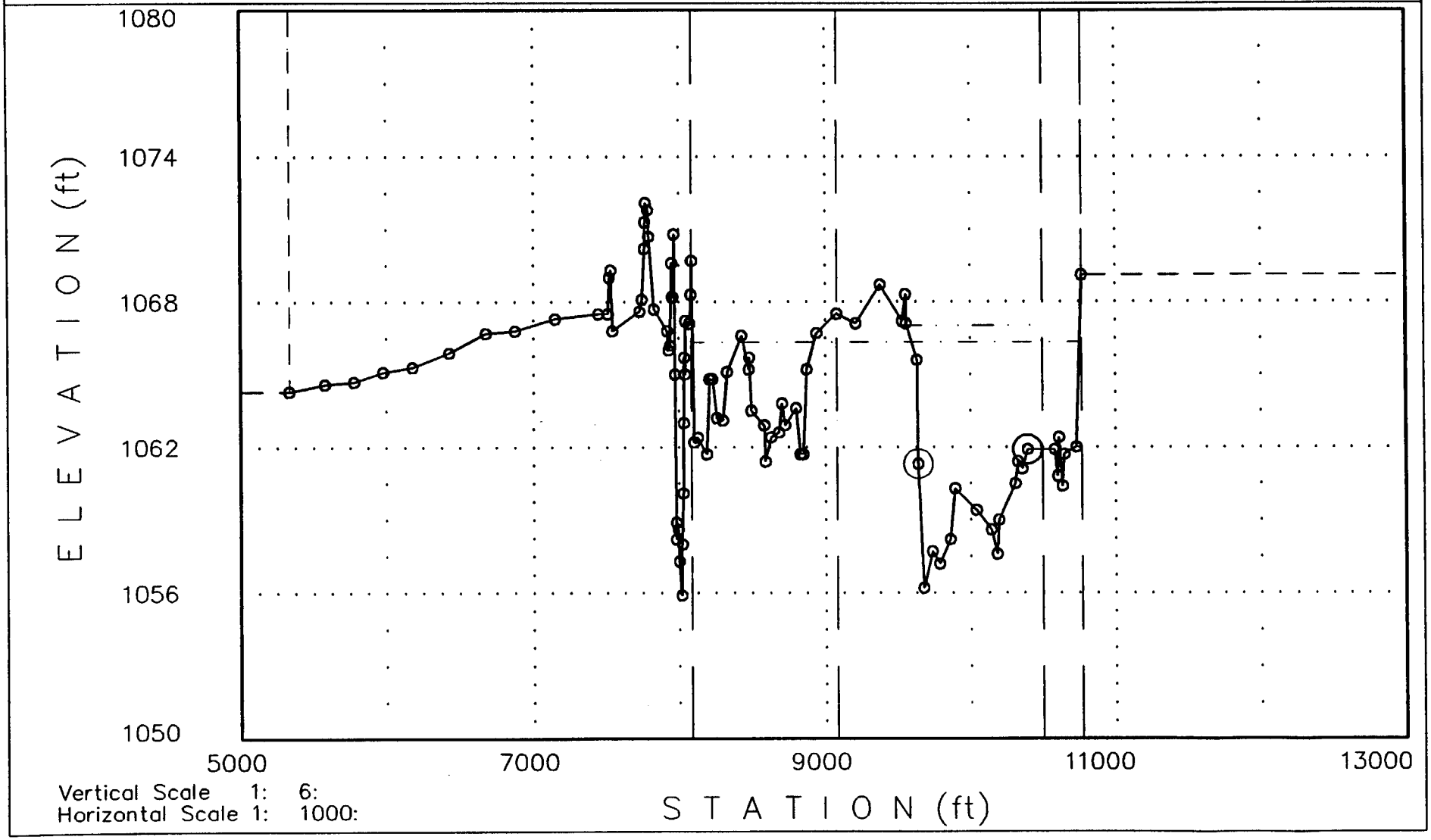
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.63: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1066.35
Q2= 34500cfs WS2= 1067.03

Manning-n Values: LOB: .045 CH: .035 ROB: .04



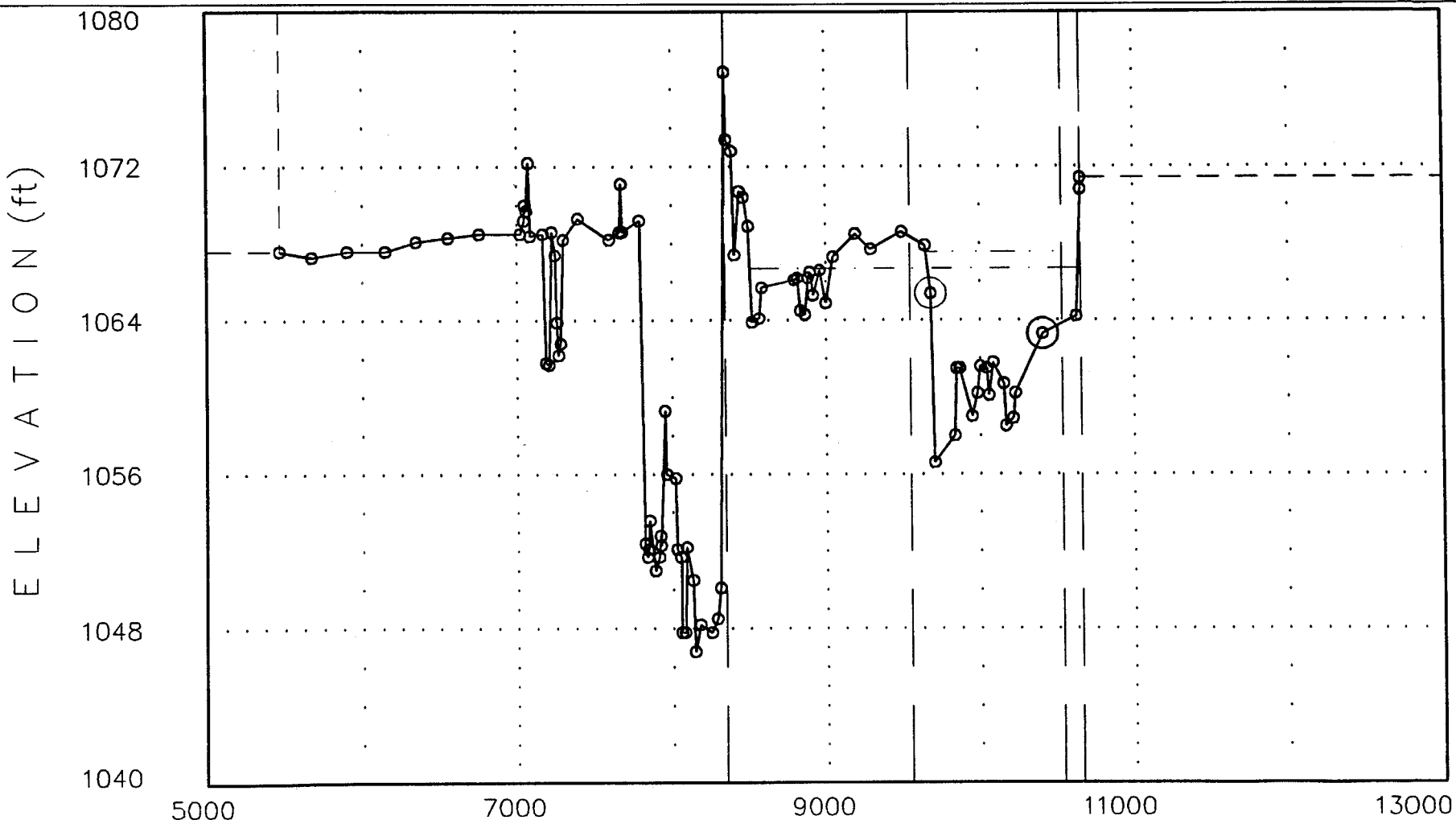
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.725: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1066.71
Q2= 34500cfs WS2= 1067.55

Manning-n Values: LOB: .045 CH: .035 ROB: .04



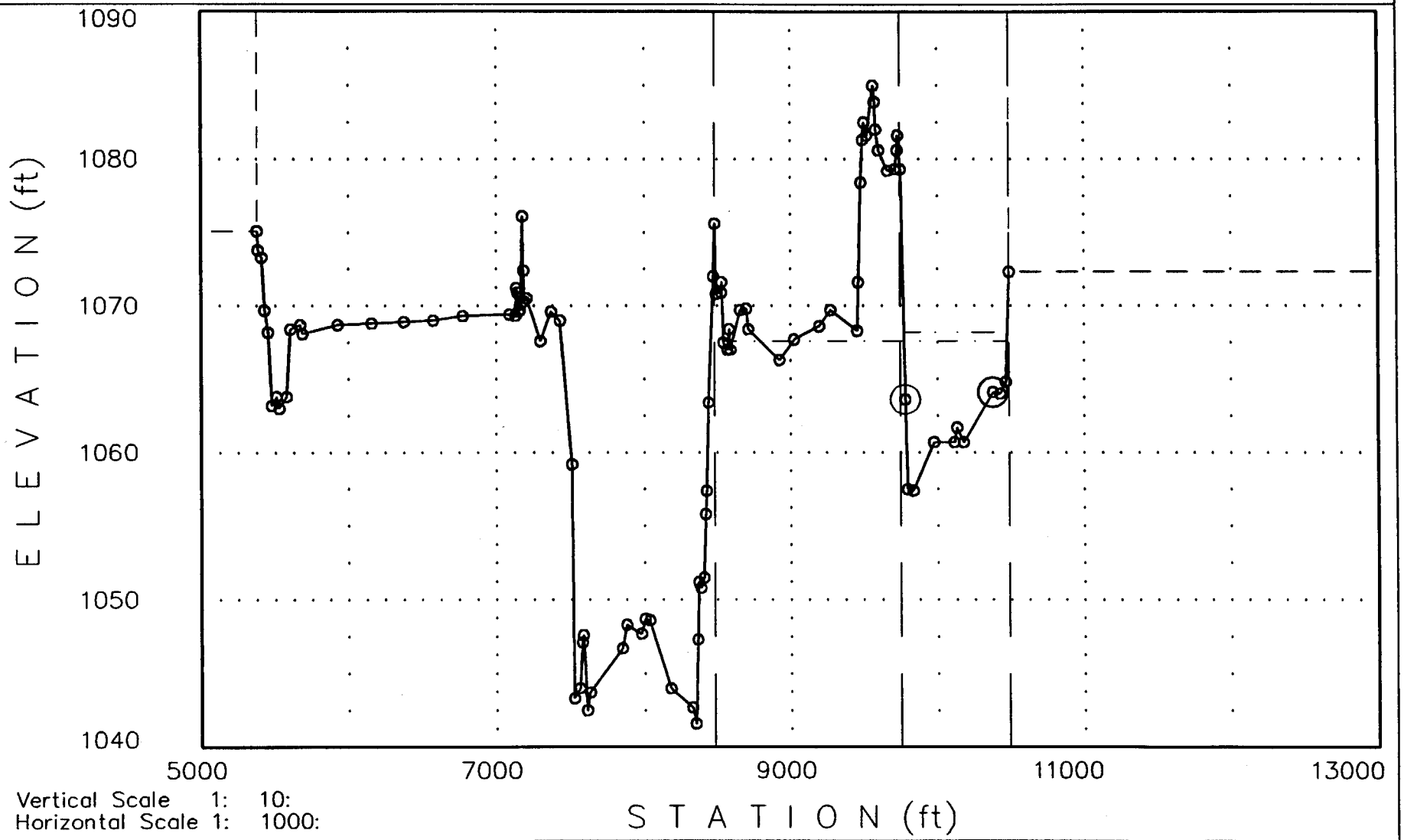
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.816: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1067.59
Q2= 34500cfs WS2= 1068.21

Manning-n Values: LOB: .045 CH: .035 ROB: .04



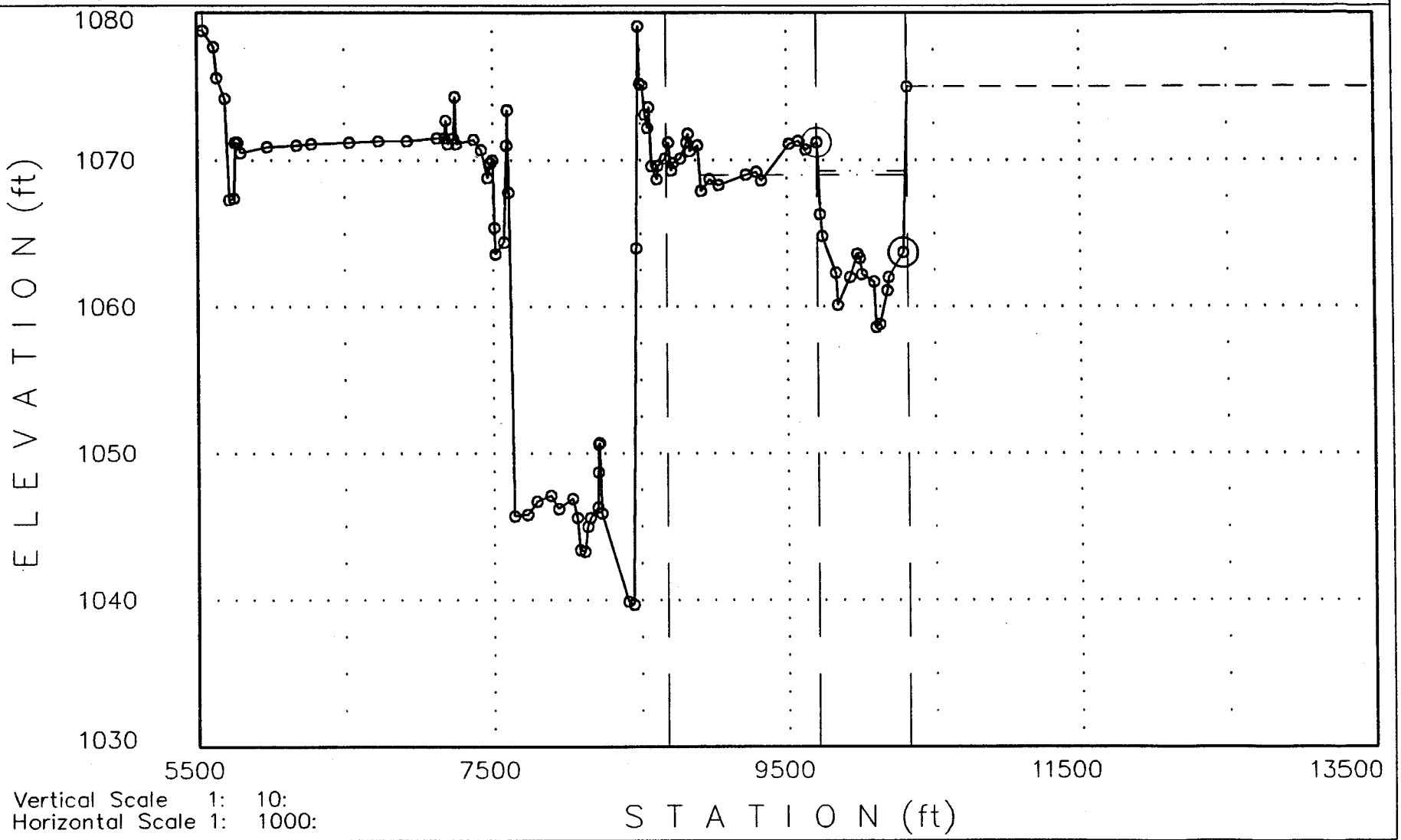
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 12.913: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1068.99
Q2= 34500cfs WS2= 1069.26

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .04



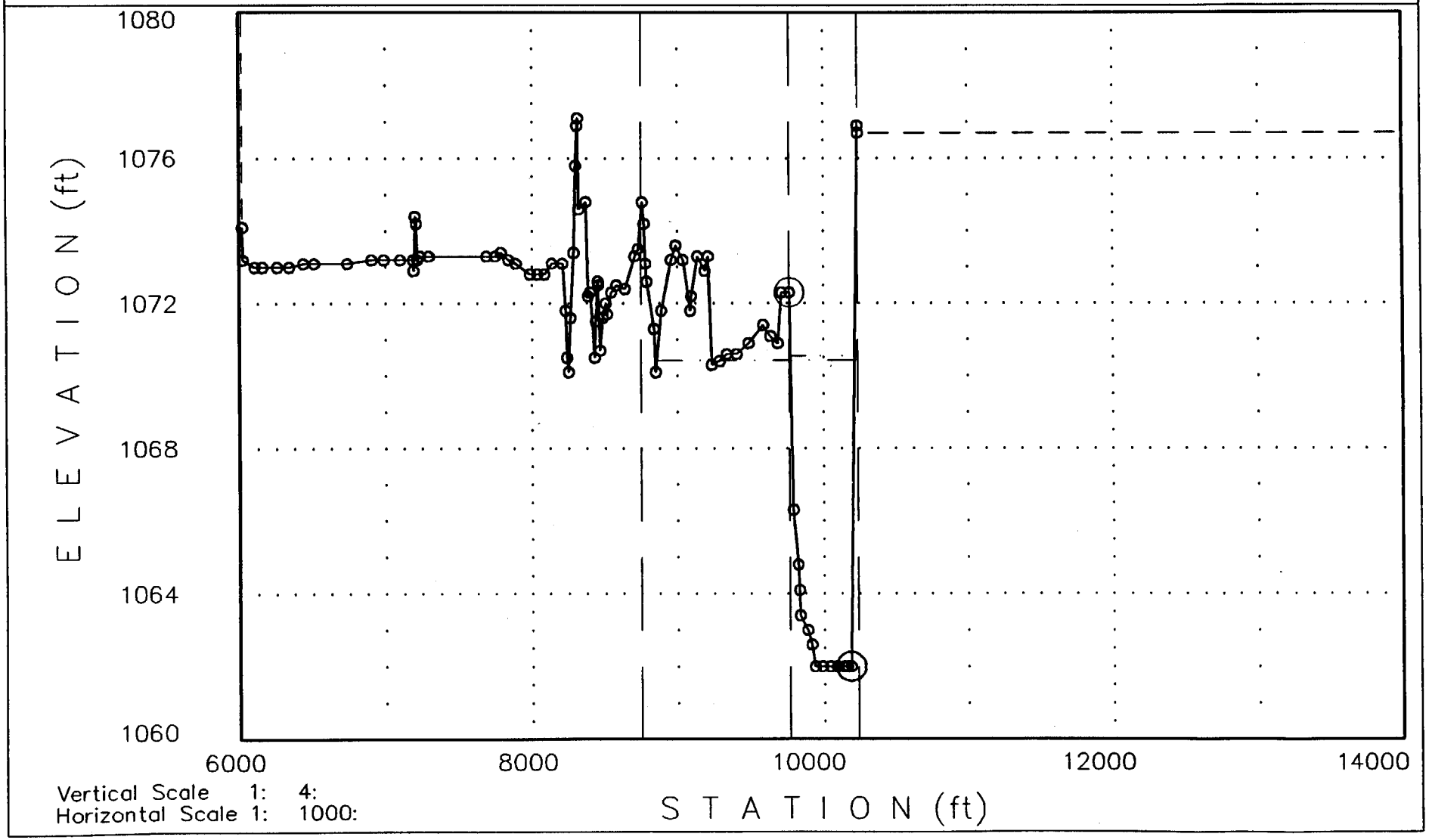
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 13.007: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1070.43
Q2= 34500cfs WS2= 1070.54

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .04



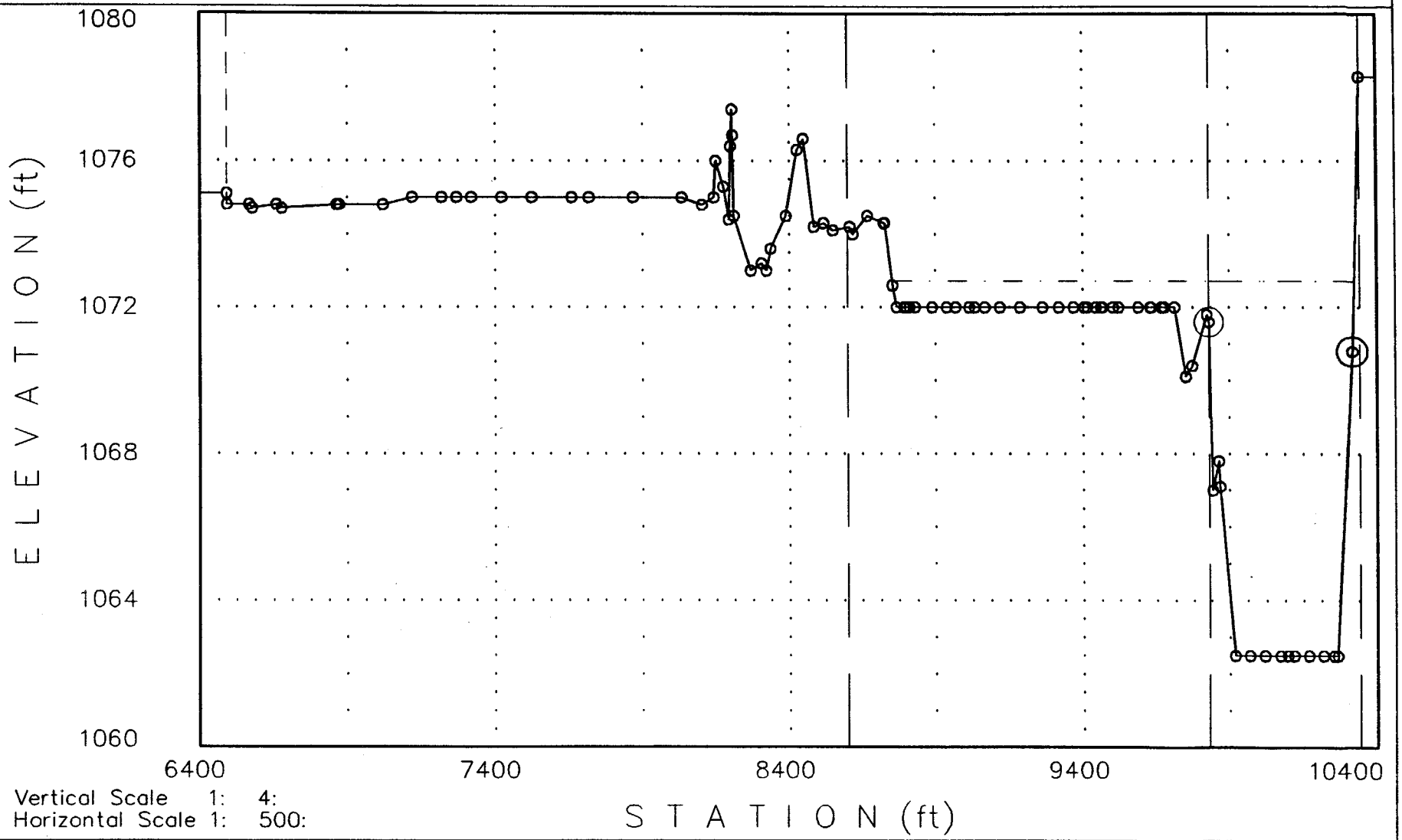
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

10-11-1996

<<<<<< Cross Section: 13.103: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1072.73
Q2= 34500cfs WS2= 1072.72

Manning-n Values: LOB: .045 CH: .035 ROB: .04



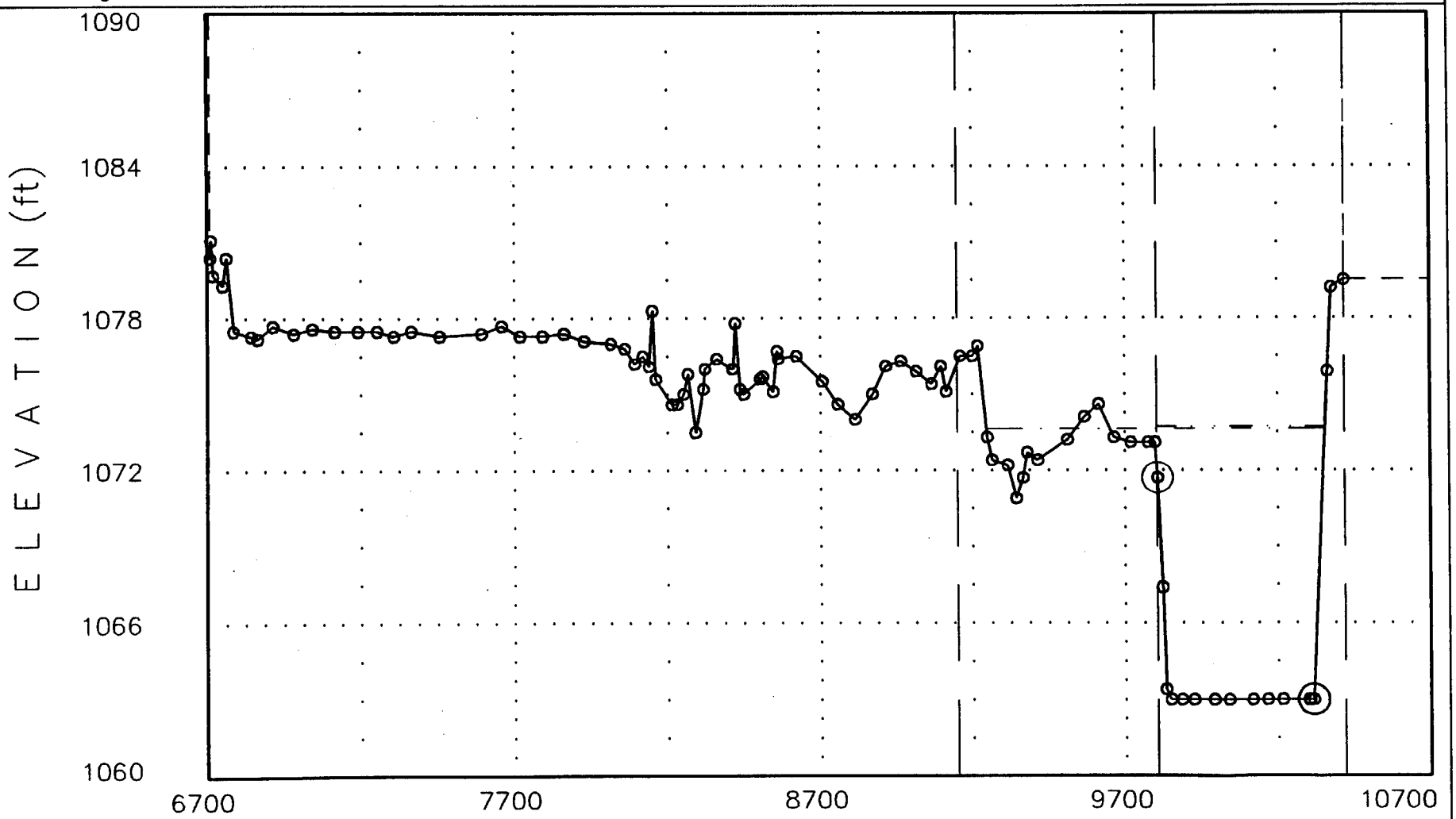
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.2: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1073.63
Q2= 34500cfs WS2= 1073.72

Manning-n Values: LOB: .045 CH: .035 ROB: .045



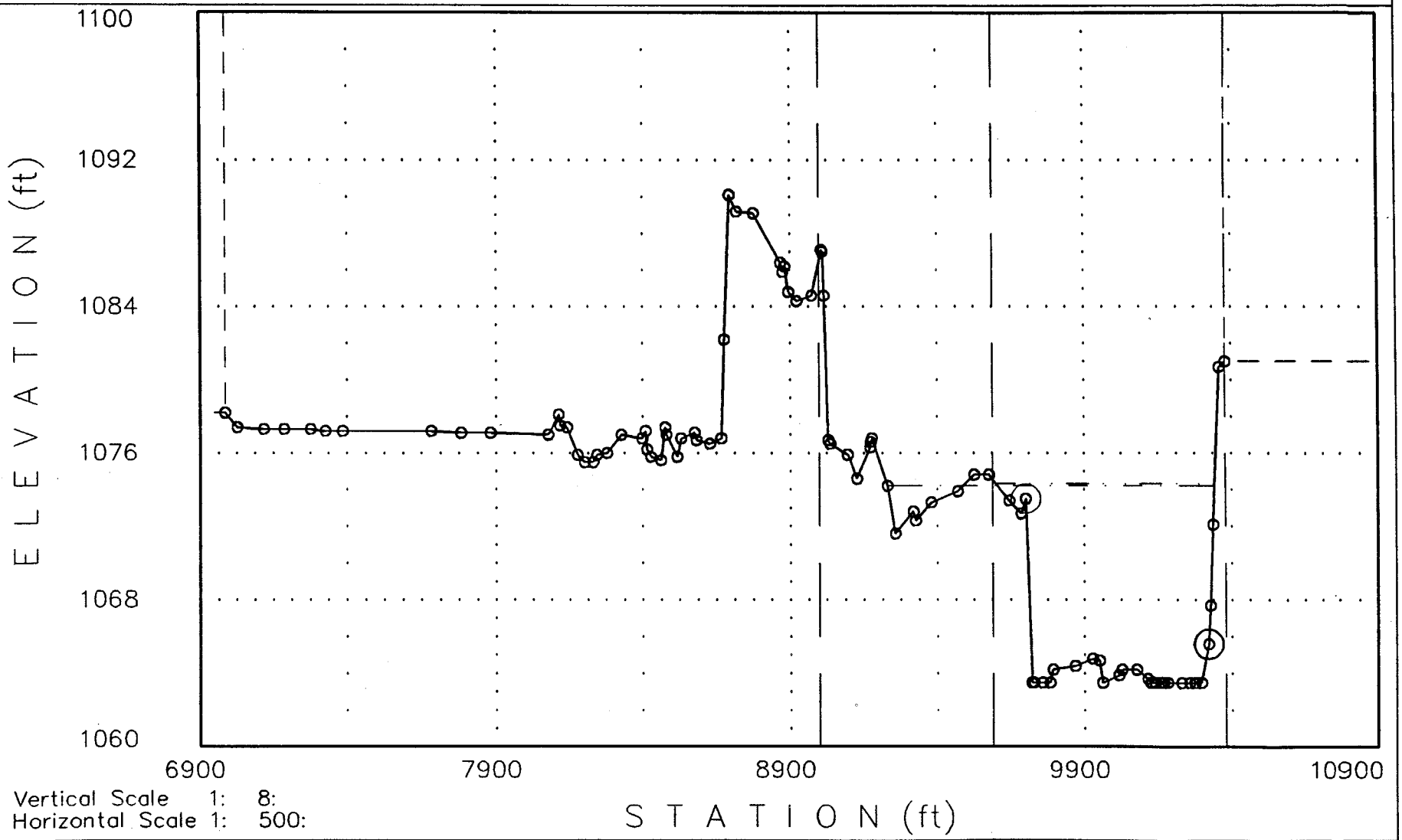
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.296: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1074.23
Q2= 34500cfs WS2= 1074.33

Manning-n Values: LOB: .045 CH: .035 ROB: .045



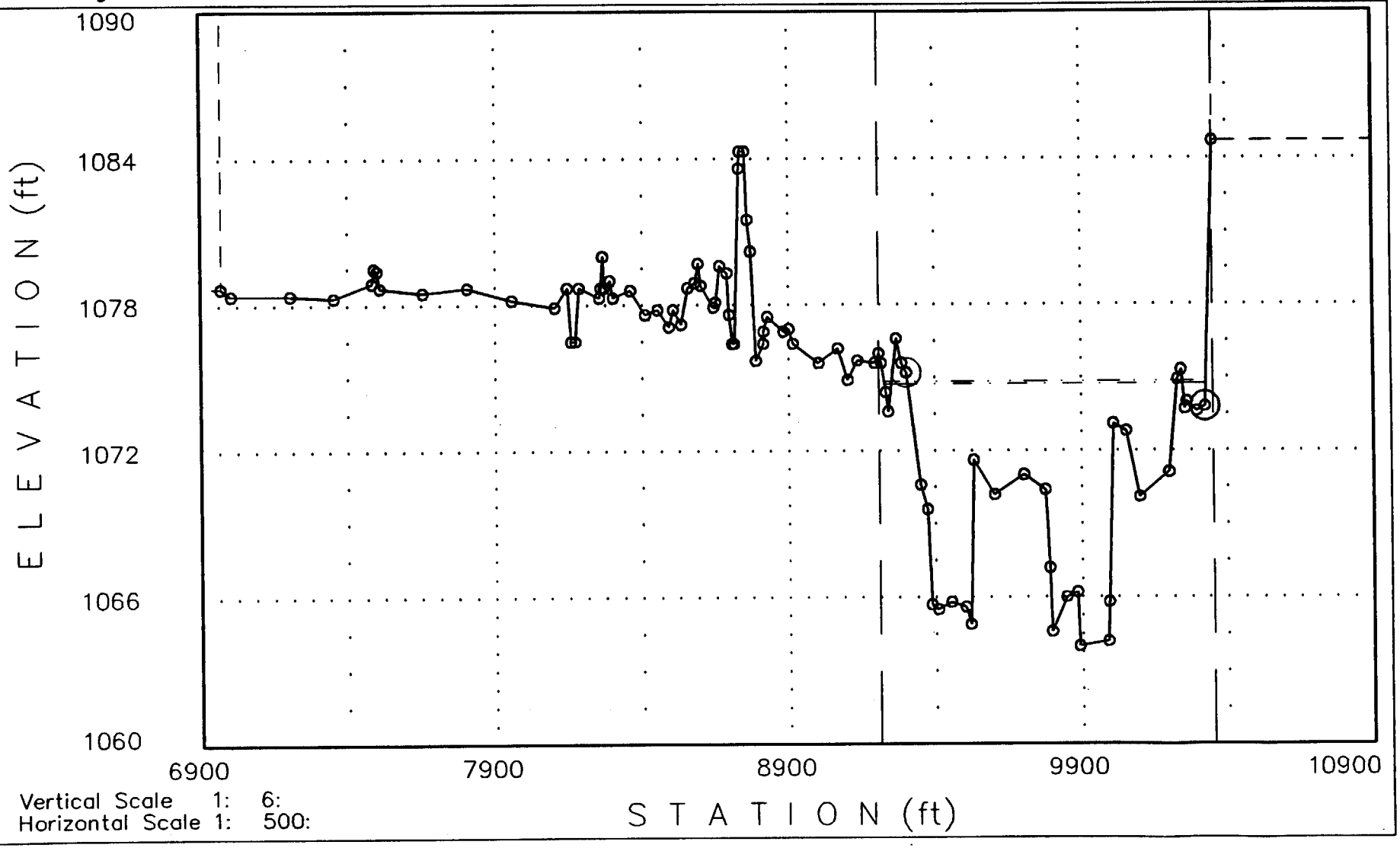
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.395: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1074.73
Q2= 34500cfs WS2= 1074.83

Manning-n Values: LOB: .045 CH: .035 ROB: .045



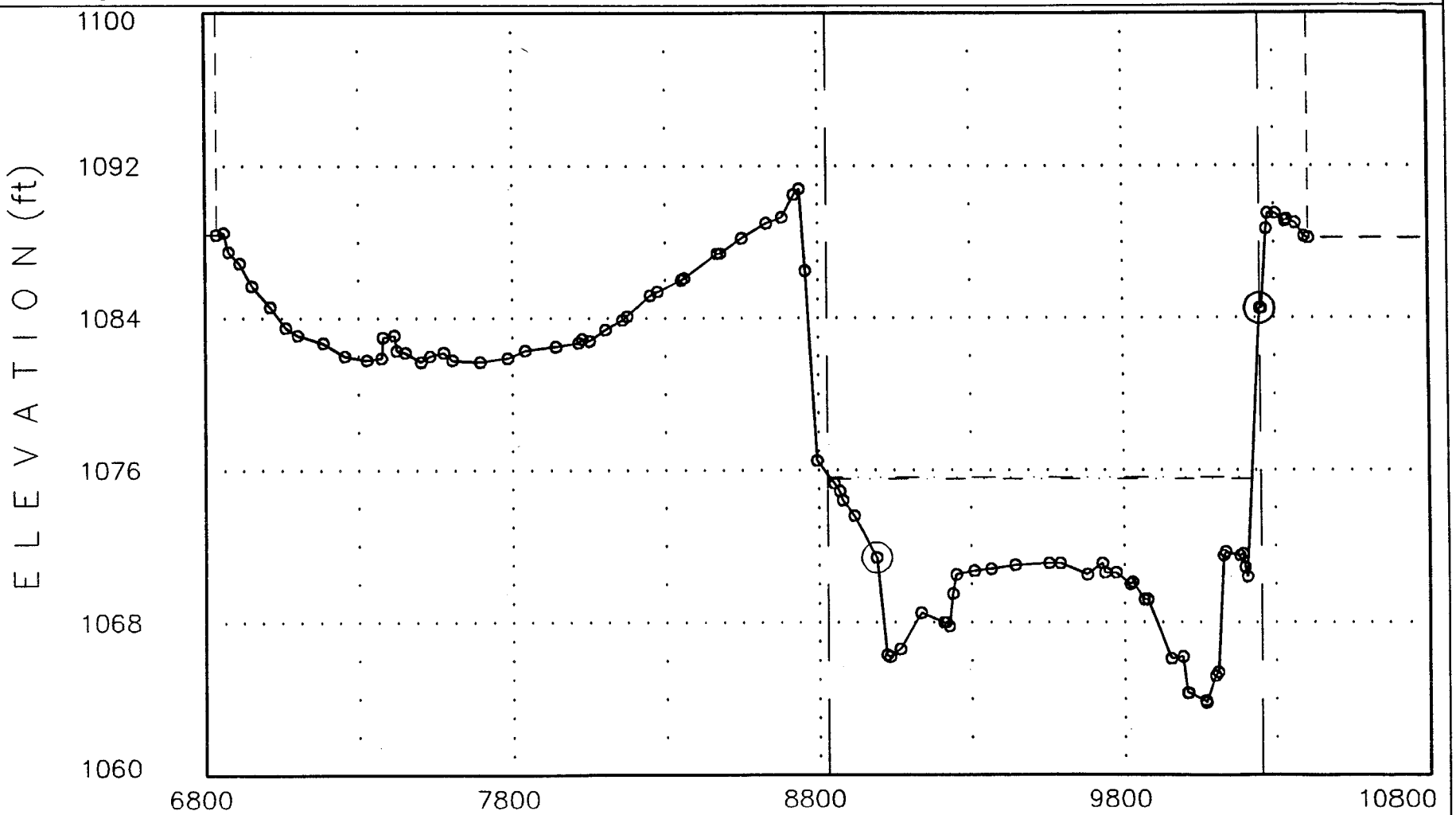
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.45: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1075.55
Q2= 34500cfs WS2= 1075.61

Manning-n Values: LOB: .045 CH: .035 ROB: 0



Vertical Scale 1: 8:
Horizontal Scale 1: 500:

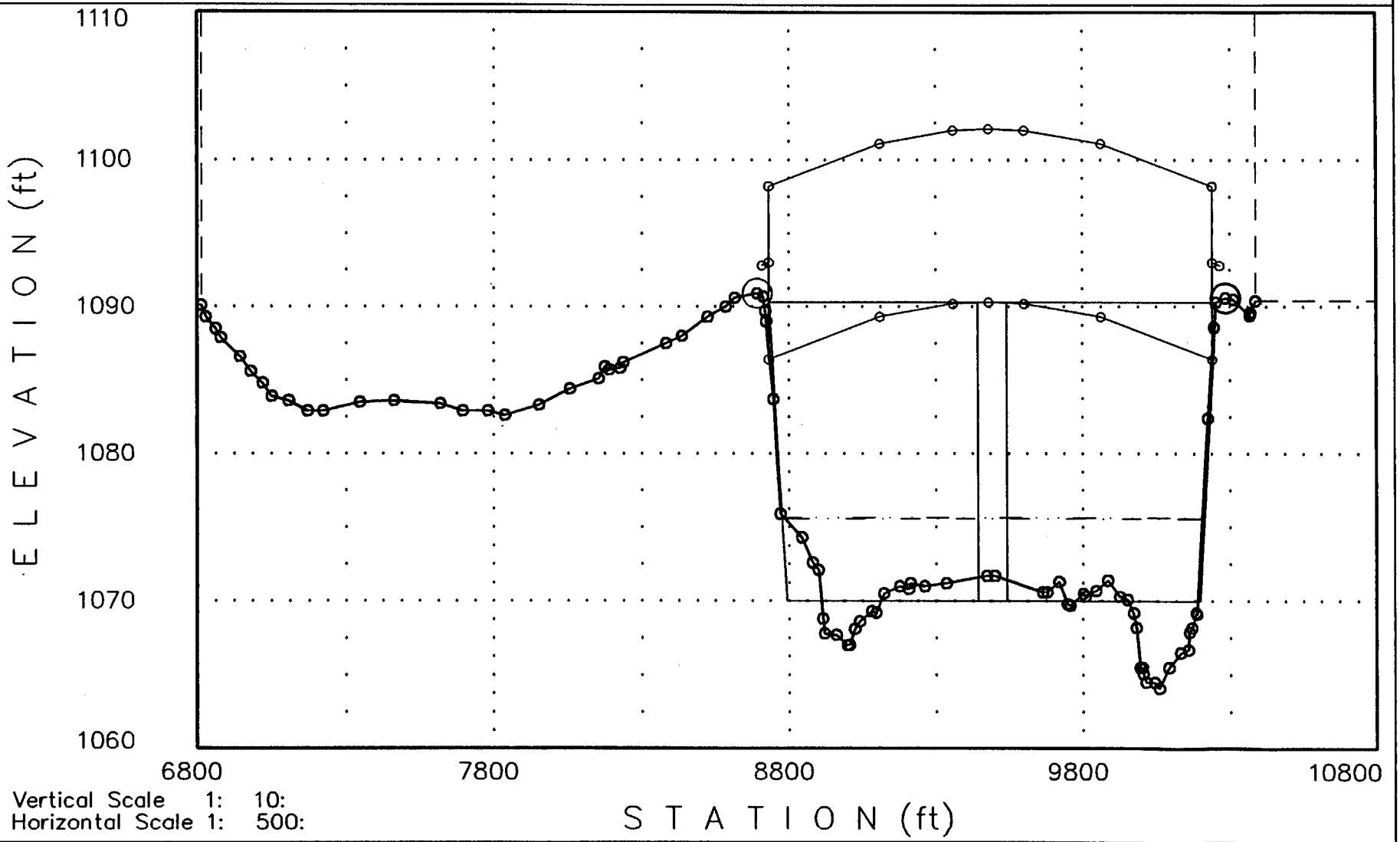
10-11-1996

<<<<<< Cross Section: 13.467: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1075.59

Q2= 34500cfs WS2= 1075.65

Manning-n Values: LOB: 0 CH: .035 ROB: 0



Vertical Scale 1: 10:

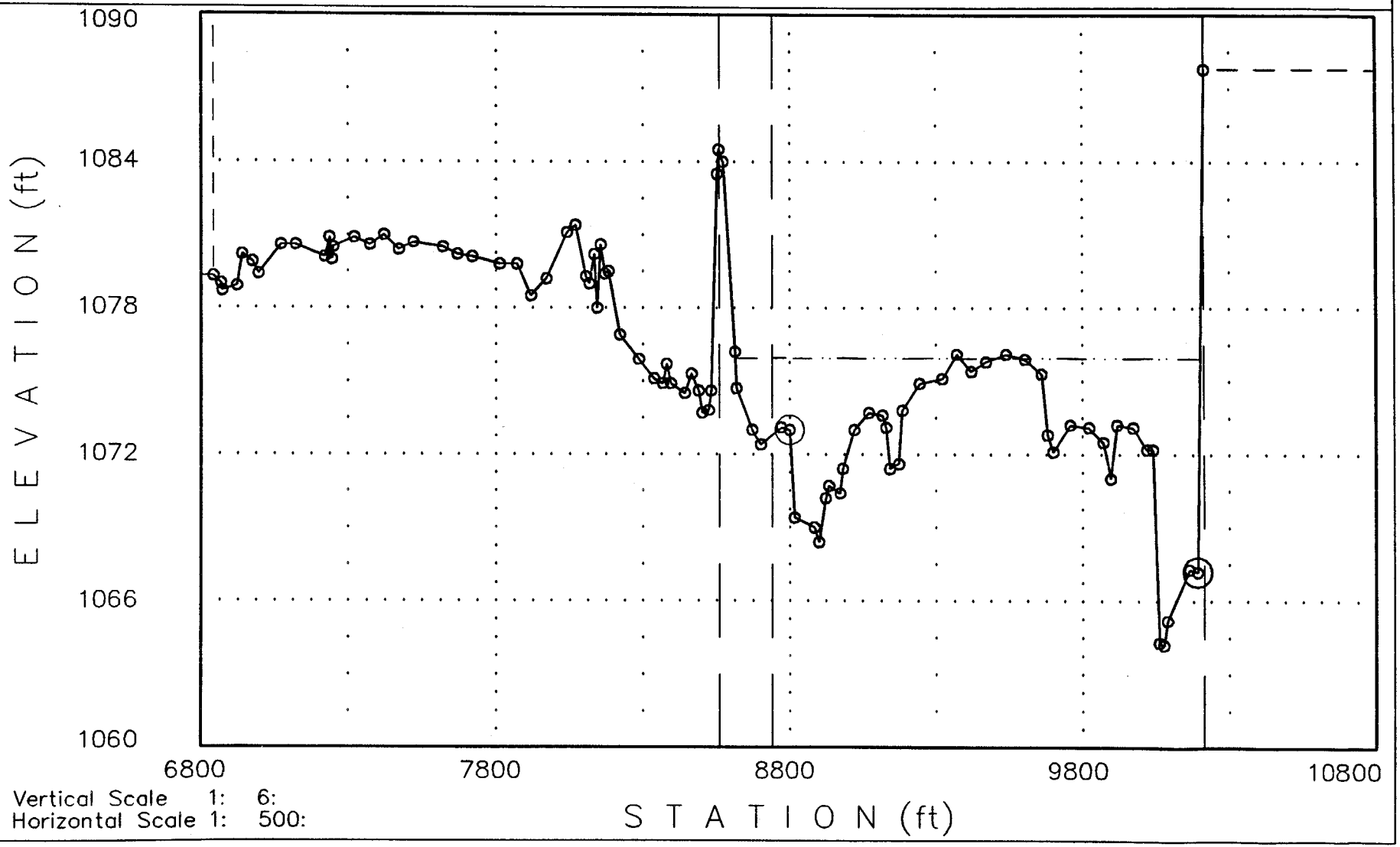
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.518: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1075.93
Q2= 34500cfs WS2= 1075.95

Manning-n Values: LOB: .045 CH: .035 ROB: .045



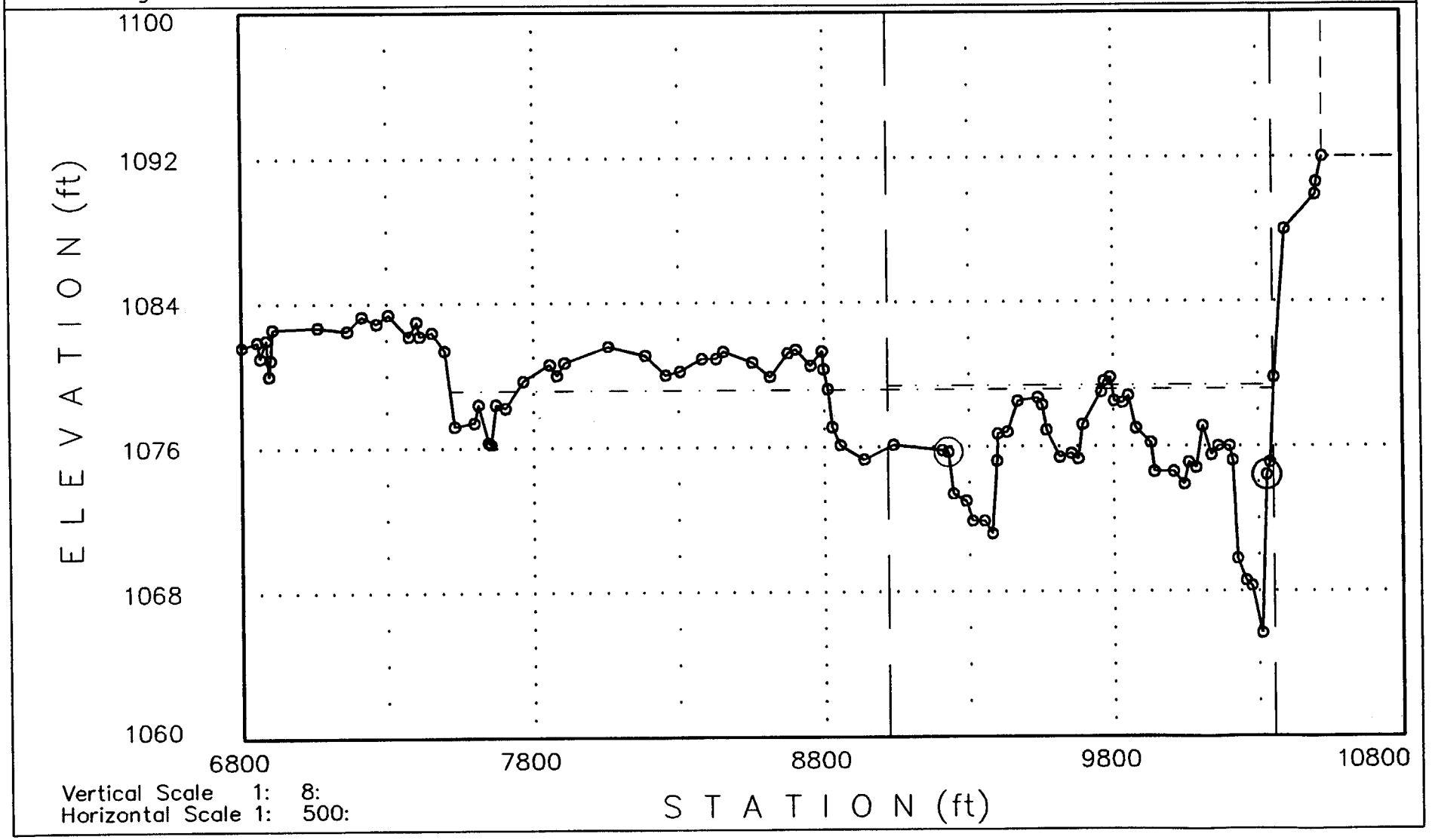
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.663: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1079.17
Q2= 34500cfs WS2= 1079.39

Manning-n Values: LOB: .045 CH: .035 ROB: .045



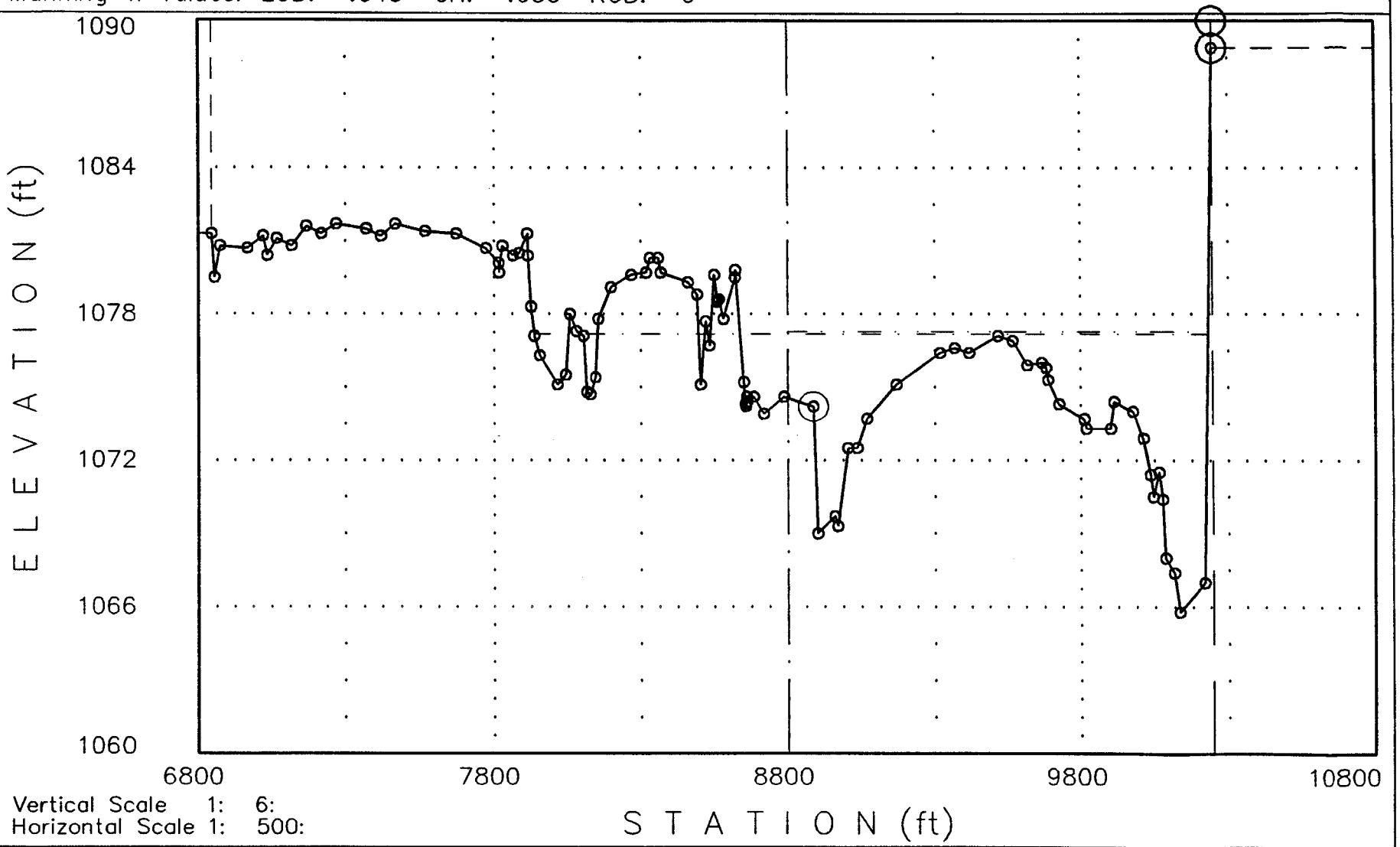
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.565: (FN = TEST.O) >>>>>>

Q1= 34500cfs WS1= 1077.18
Q2= 34500cfs WS2= 1077.28

Manning-n Values: LOB: .045 CH: .035 ROB: 0



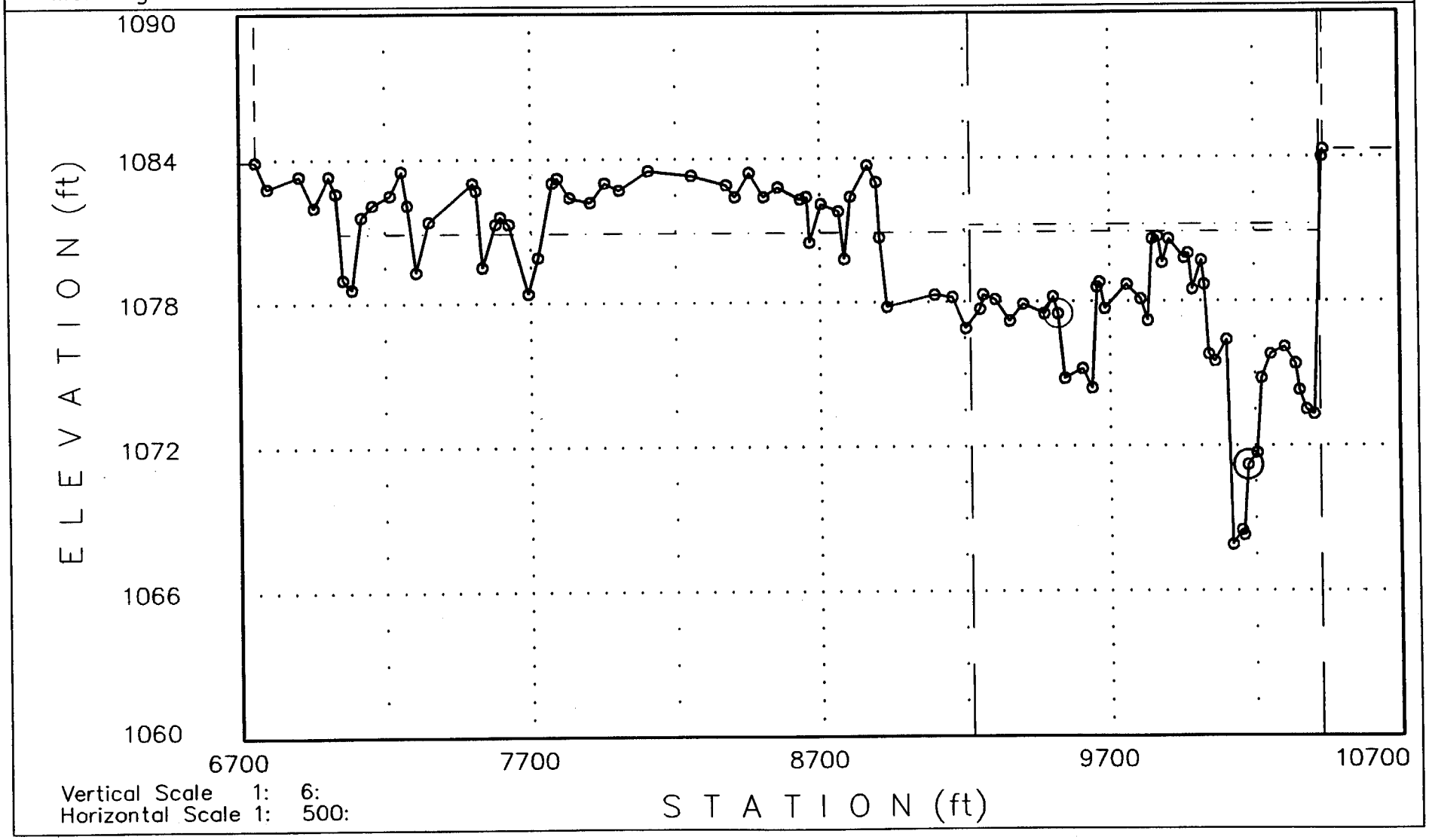
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 13.76: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1080.91
Q2= 34500cfs WS2= 1081.21

Manning-n Values: LOB: .045 CH: .035 ROB: .045



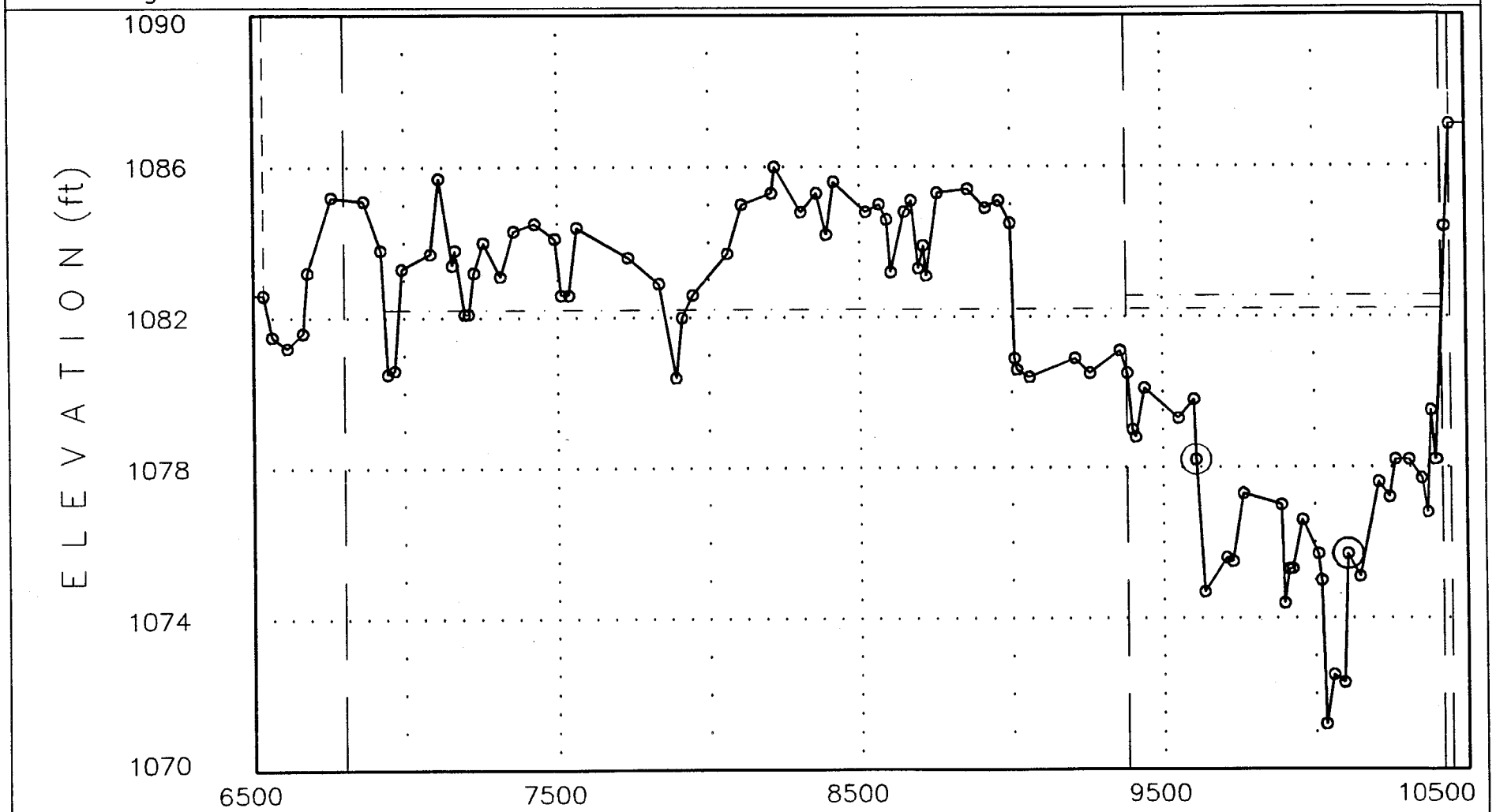
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 13.856: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1082.22
Q2= 34500cfs WS2= 1082.56

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 4:
Horizontal Scale 1: 500:

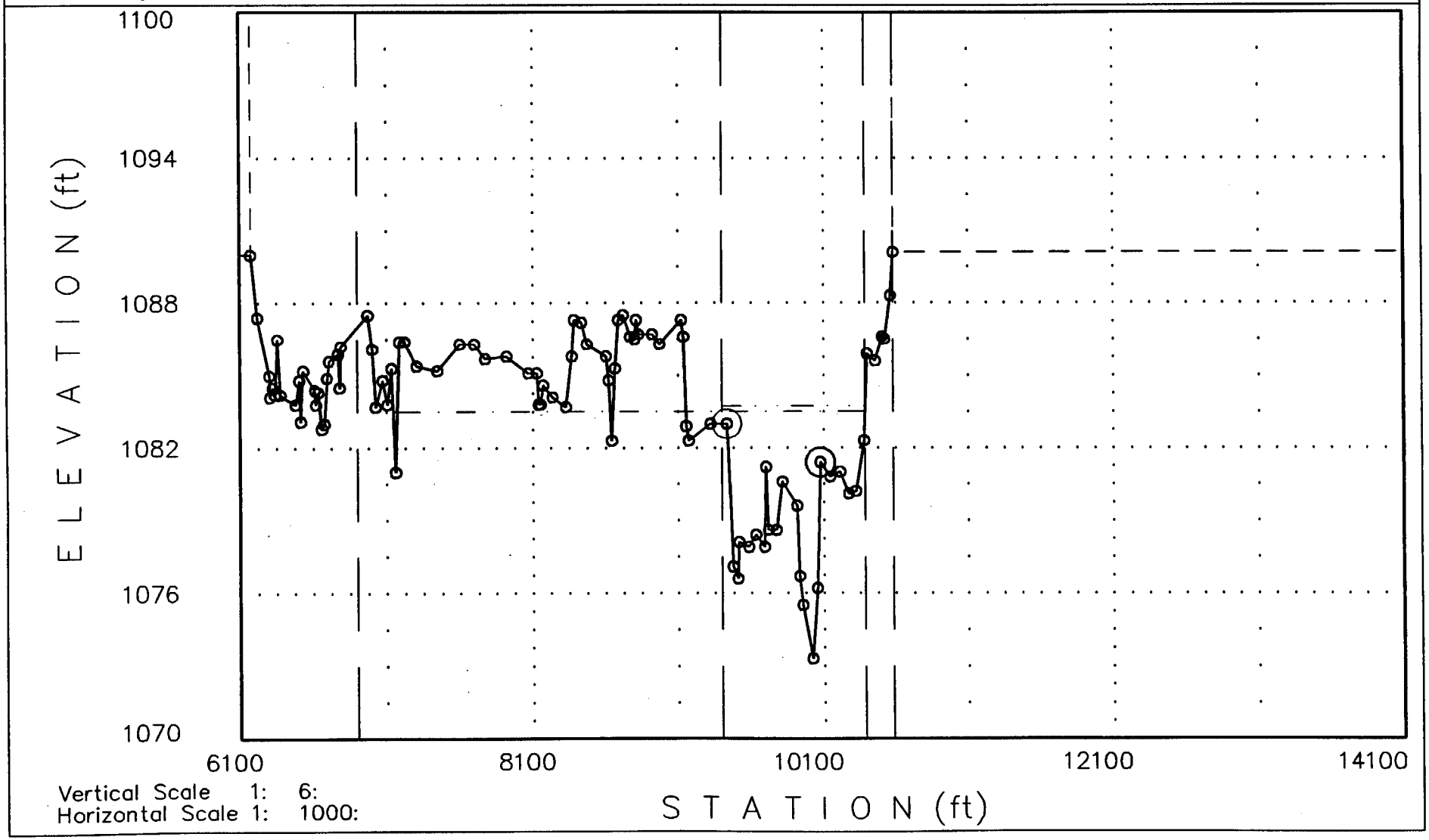
09-15-1996

<<<<<< Cross Section: 13.952: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1083.52

Q2= 34500cfs WS2= 1083.73

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:

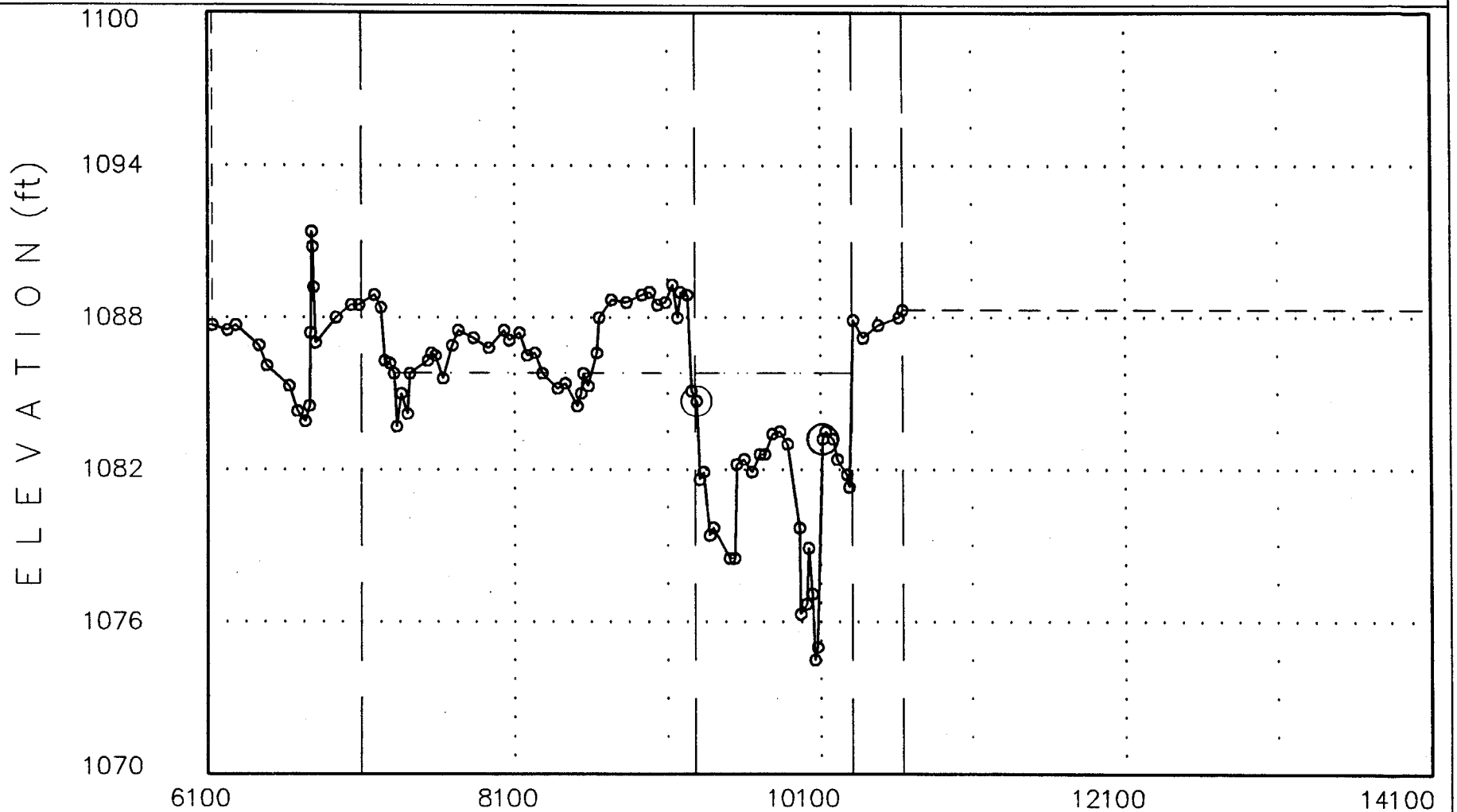
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 14.049: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1085.81
Q2= 34500cfs WS2= 1085.83

Manning-n Values: LOB: .045 CH: .035 ROB: .045



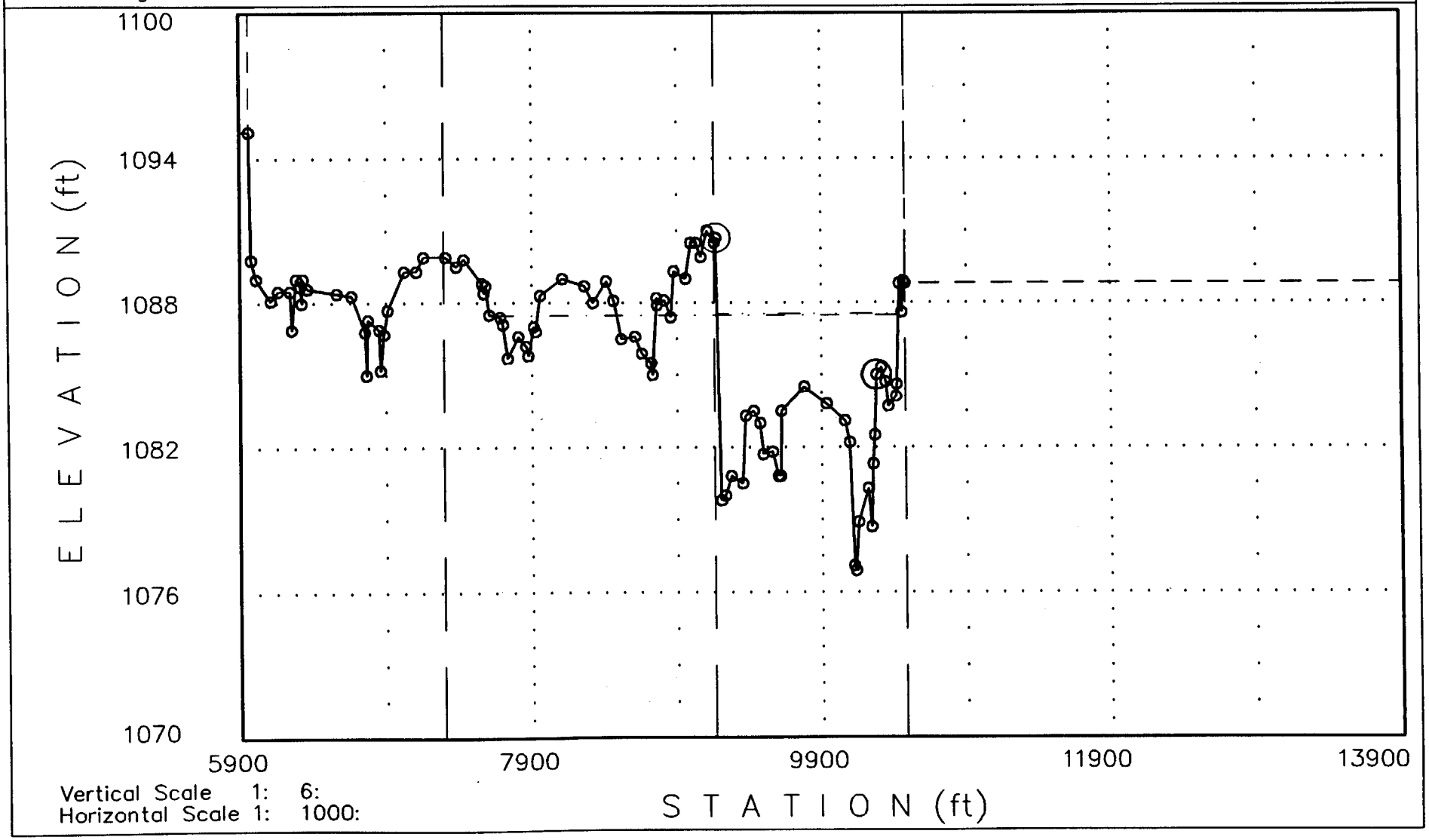
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 14.145: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1087.49
Q2= 34500cfs WS2= 1087.54

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .045



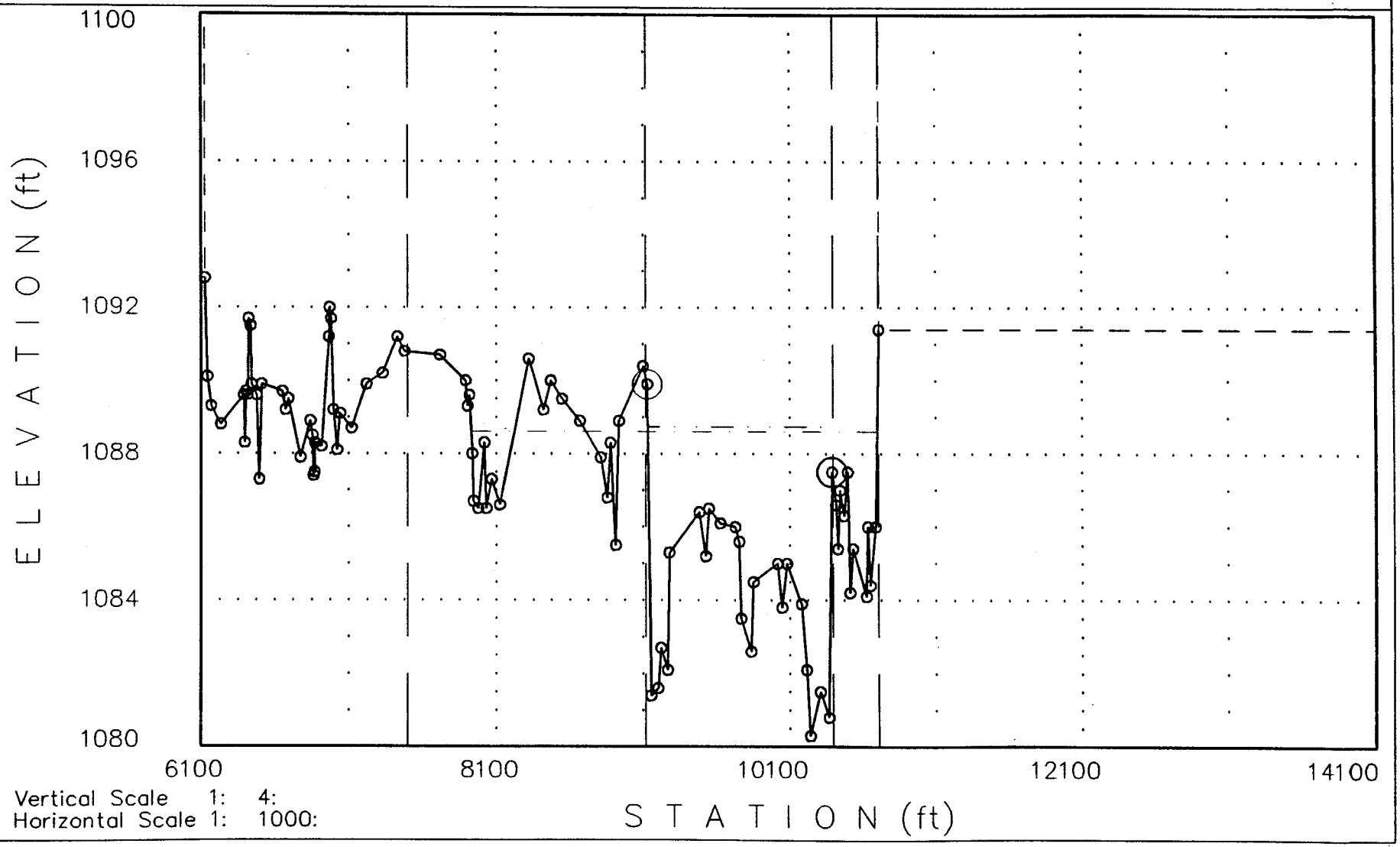
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 14.24: (FN = TESTI.O) >>>>>>

Q1= 34500cfs WS1= 1088.61
Q2= 34500cfs WS2= 1088.74

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .045



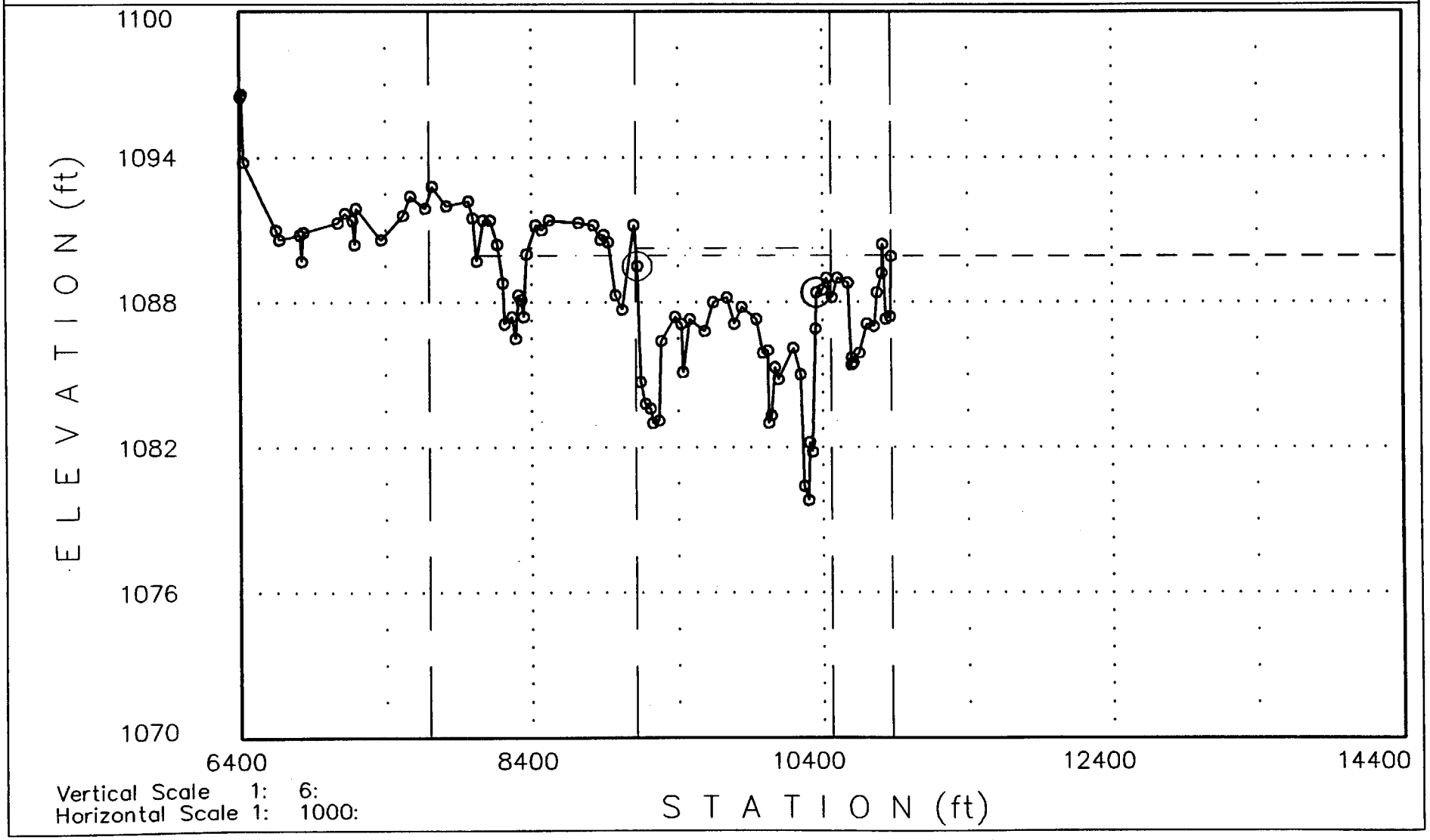
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 14.335: (FN = TESTI.O) >>>>>>

Q1= 34500cfs WS1= 1089.94
Q2= 34500cfs WS2= 1090.25

Manning-n Values: LOB: .045 CH: .035 ROB: .045



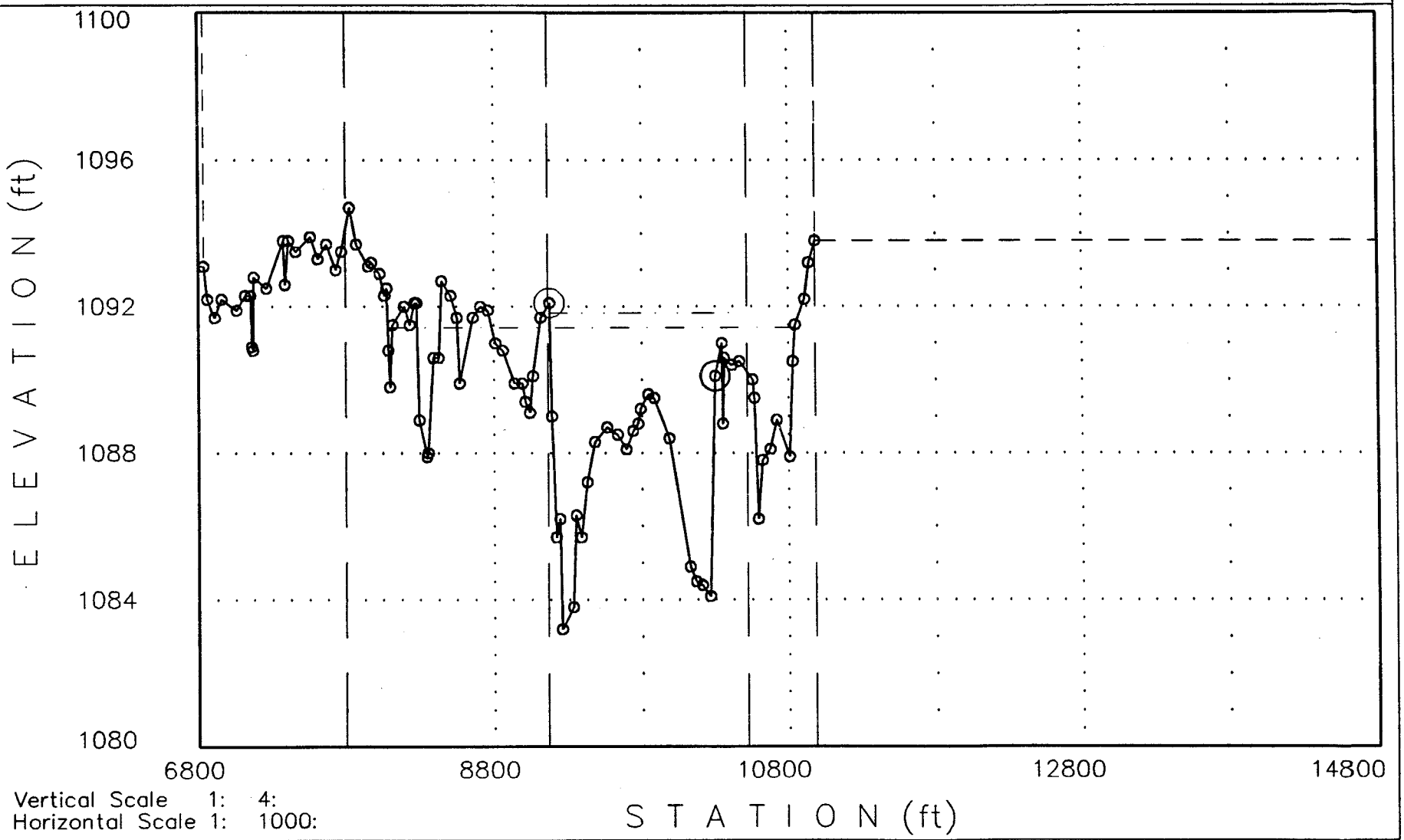
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 14.43: (FN = TESTI.O) >>>>>>

Q1= 34500cfs WS1= 1091.43
Q2= 34500cfs WS2= 1091.83

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .045



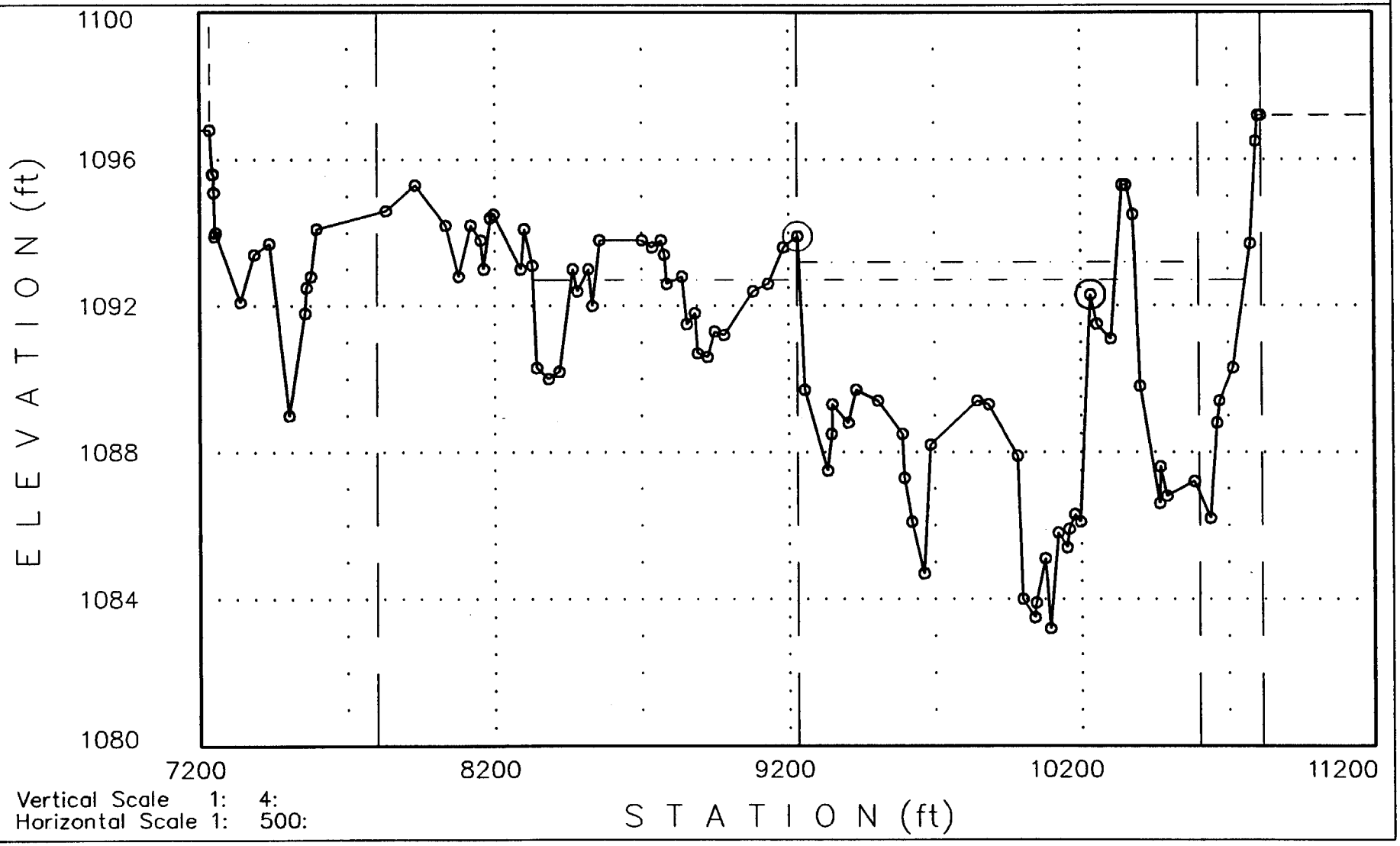
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

10-07-1996

<<<<<< Cross Section: 14.525: (FN = TESTI.O) >>>>>>

Q1= 34500cfs WS1= 1092.71
Q2= 34500cfs WS2= 1093.19

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .045



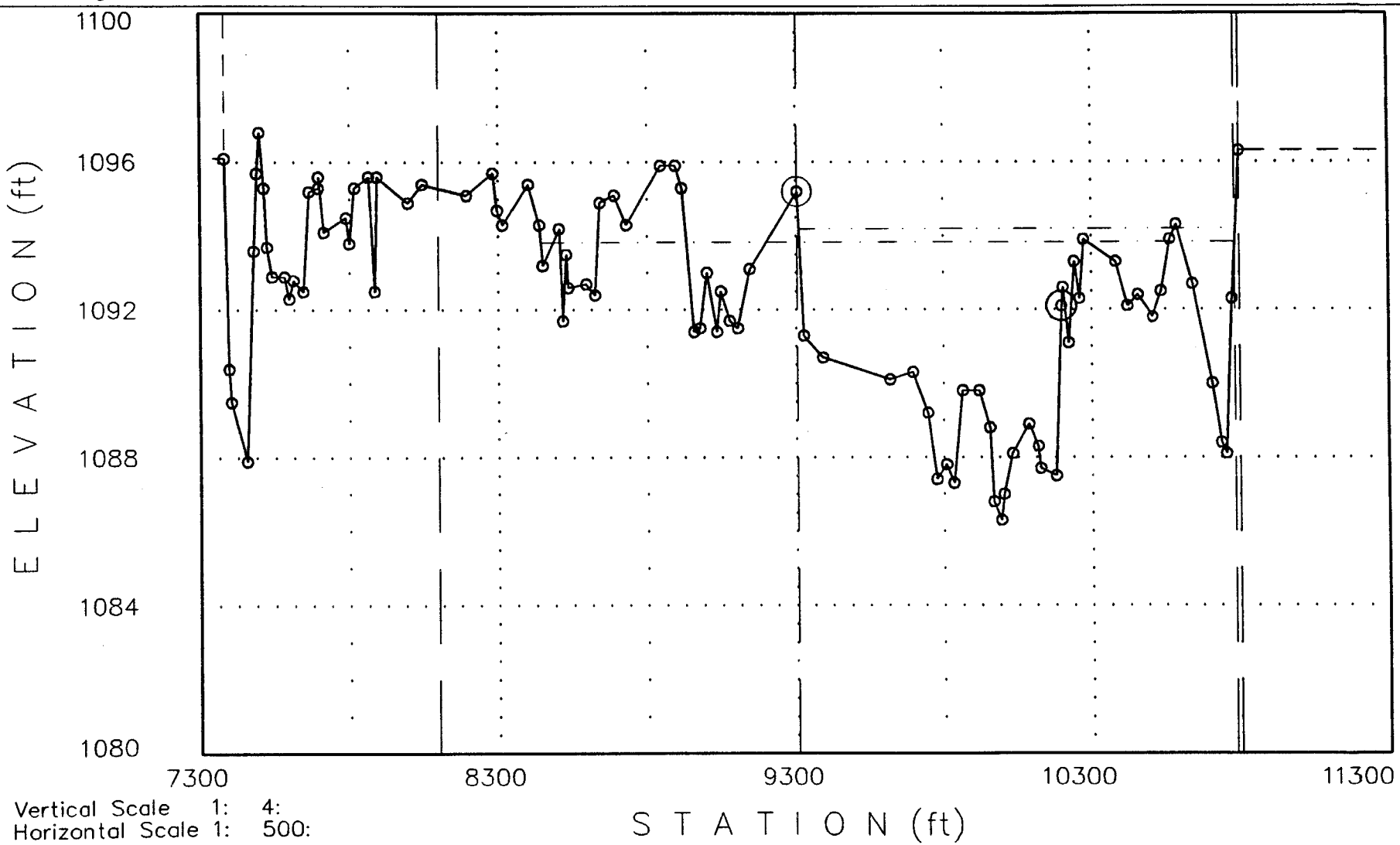
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

10-07-1996

<<<<<< Cross Section: 14.619: (FN = TESTI.O) >>>>>>

Q1= 34500cfs WS1= 1093.83
Q2= 34500cfs WS2= 1094.2

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .045



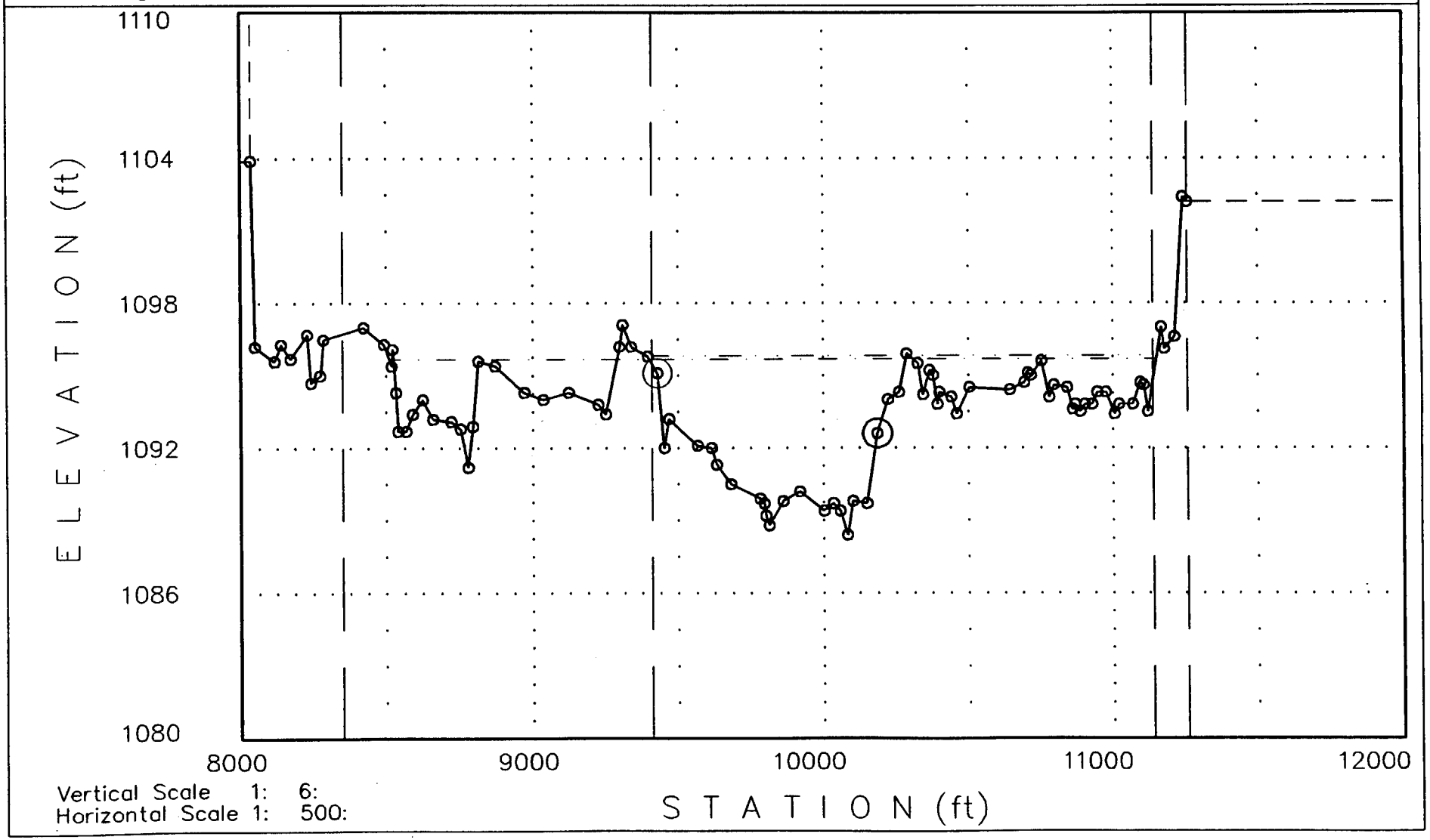
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

10-07-1996

<<<<<< Cross Section: 14.708: (FN = TESTI.O) >>>>>>

Q1= 34500cfs WS1= 1095.68
Q2= 34500cfs WS2= 1095.81

Manning-n Values: LOB: .045 CH: .035 ROB: .045



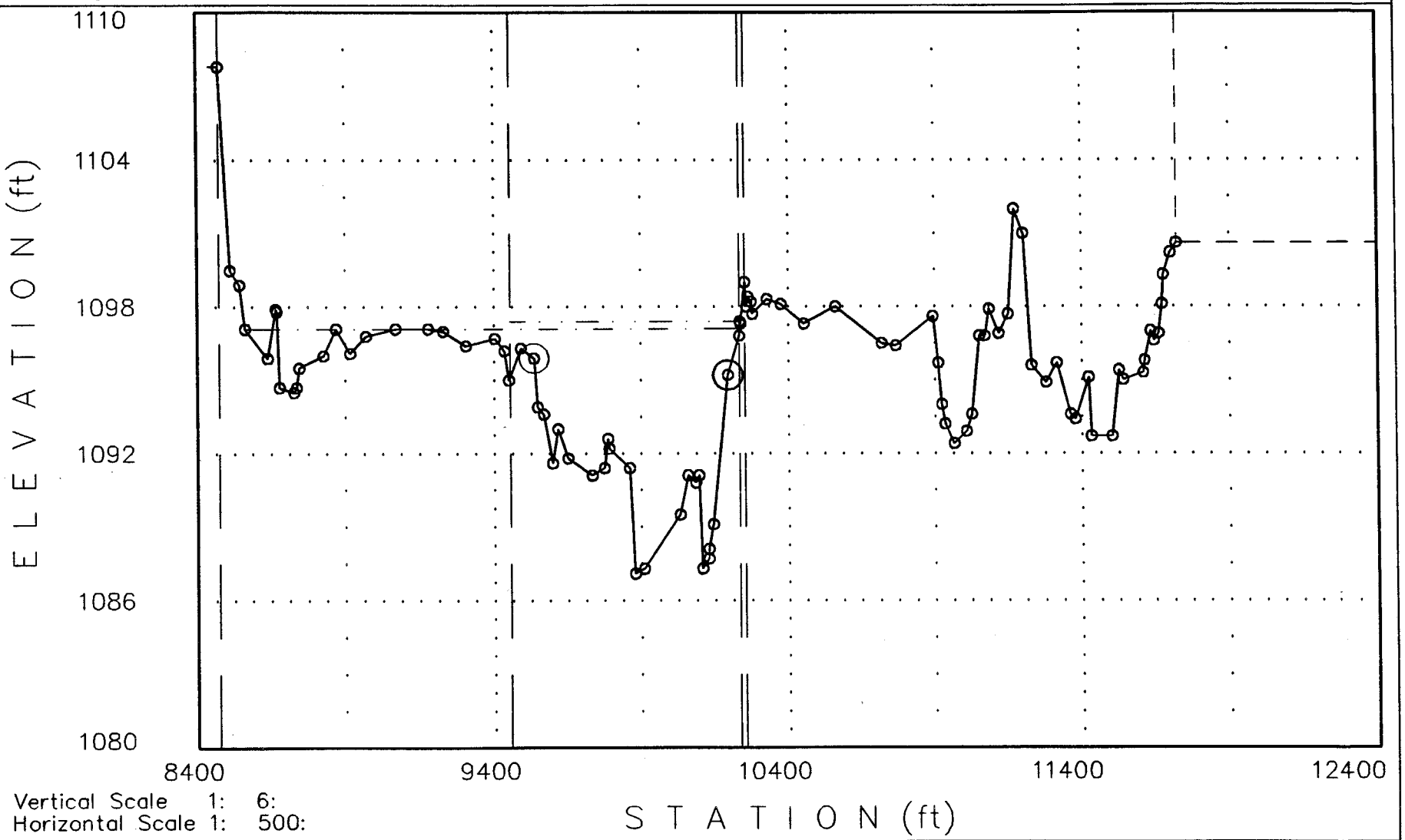
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-07-1996

<<<<<< Cross Section: 14.809: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1097.1
Q2= 34500cfs WS2= 1097.41

Manning-n Values: LOB: .045 CH: .035 ROB: .045



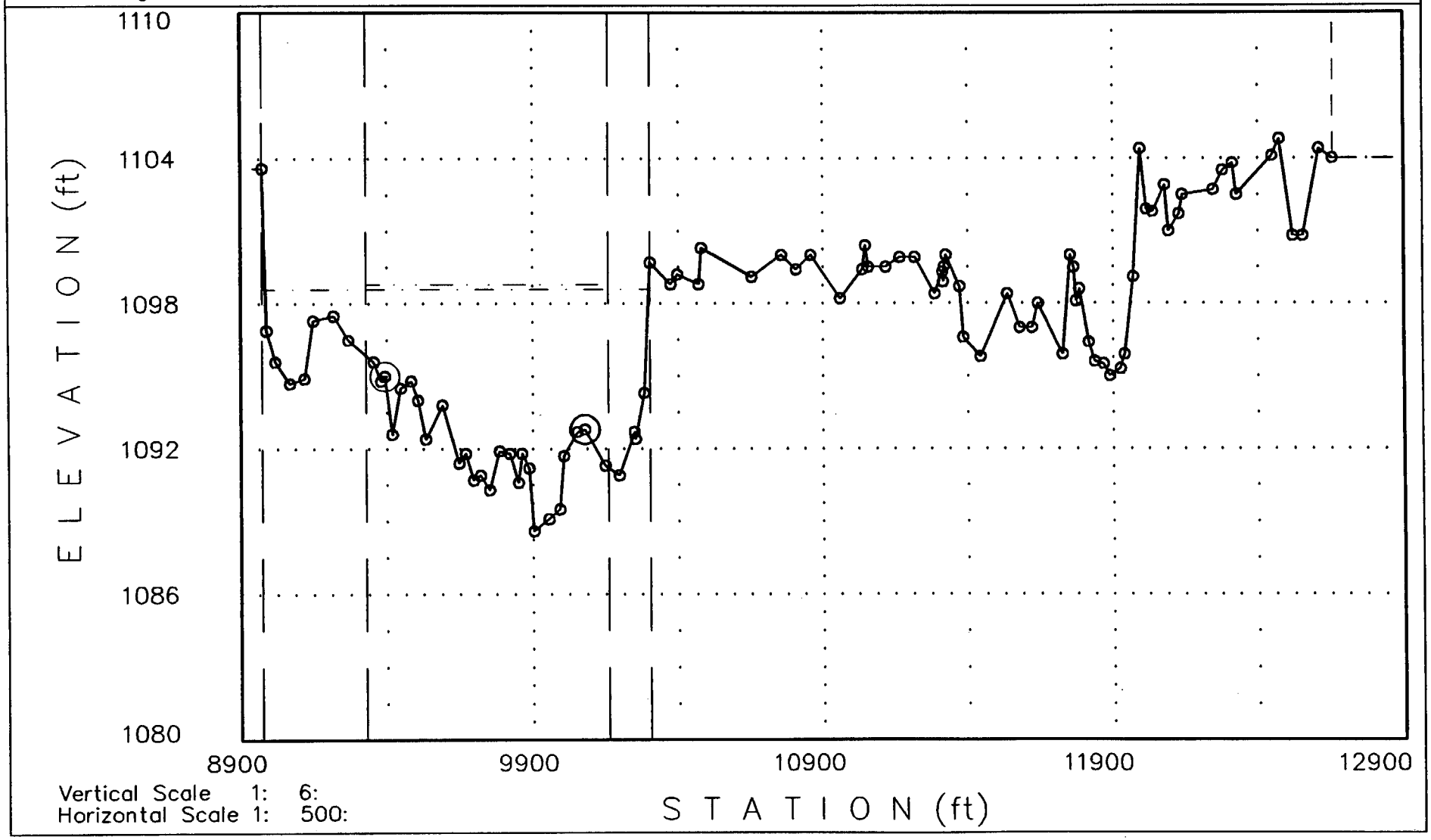
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 14.905: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1098.61
Q2= 34500cfs WS2= 1098.8

Manning-n Values: LOB: .045 CH: .035 ROB: .045



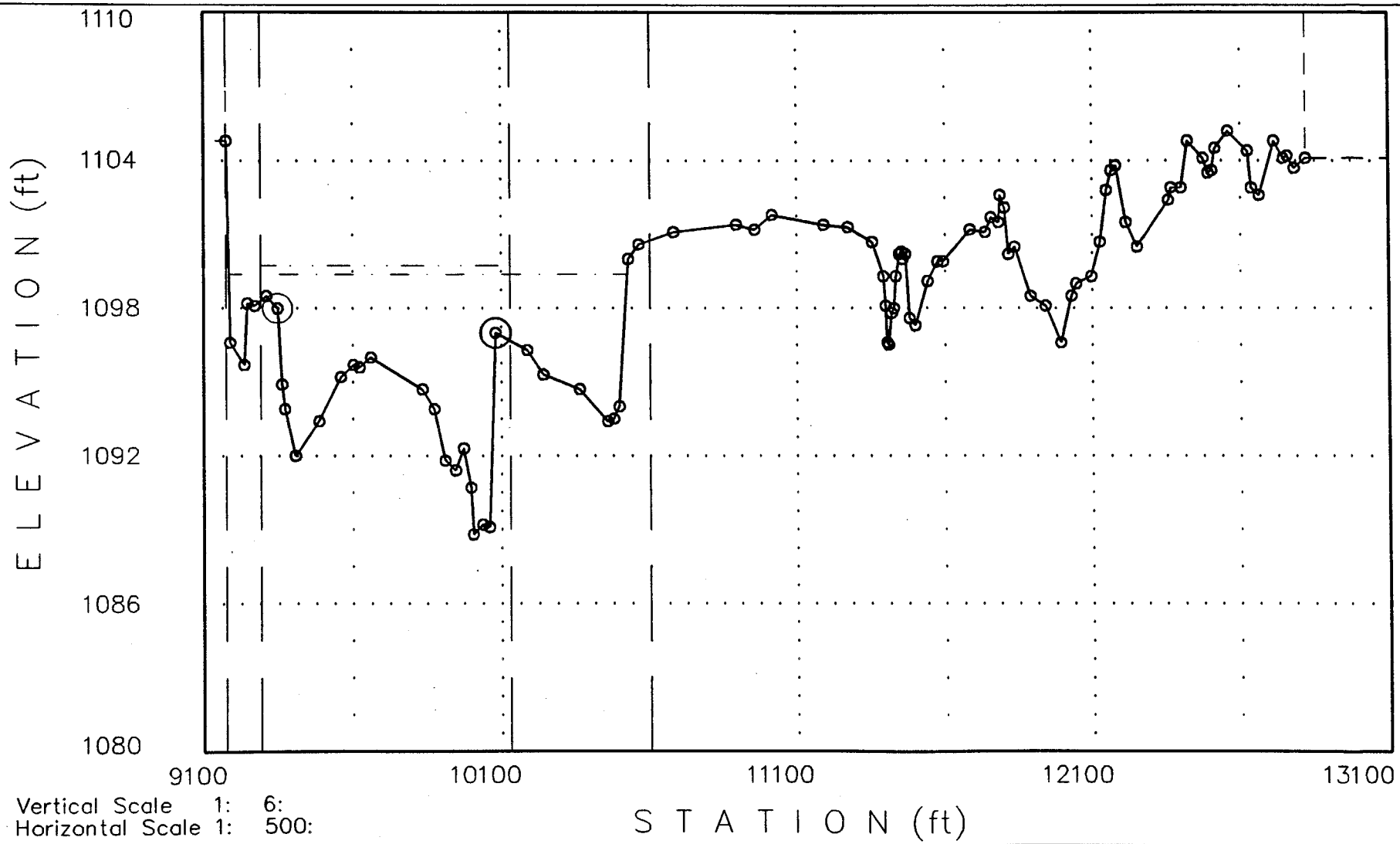
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1099.39
Q2= 34500cfs WS2= 1099.75

Manning-n Values: LOB: .045 CH: .035 ROB: .045



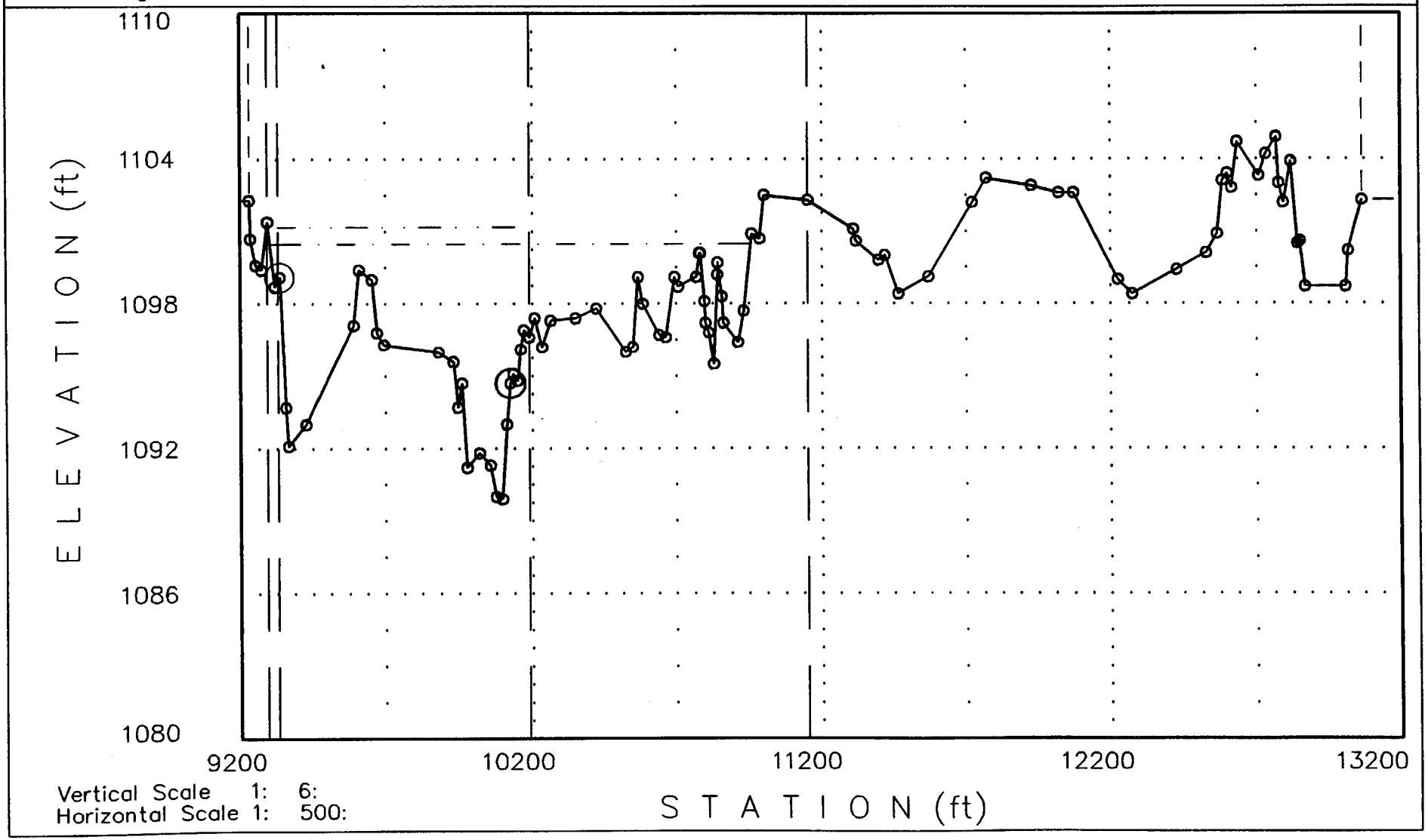
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.094: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1100.48
Q2= 34500cfs WS2= 1101.19

Manning-n Values: LOB: .045 CH: .035 ROB: .045



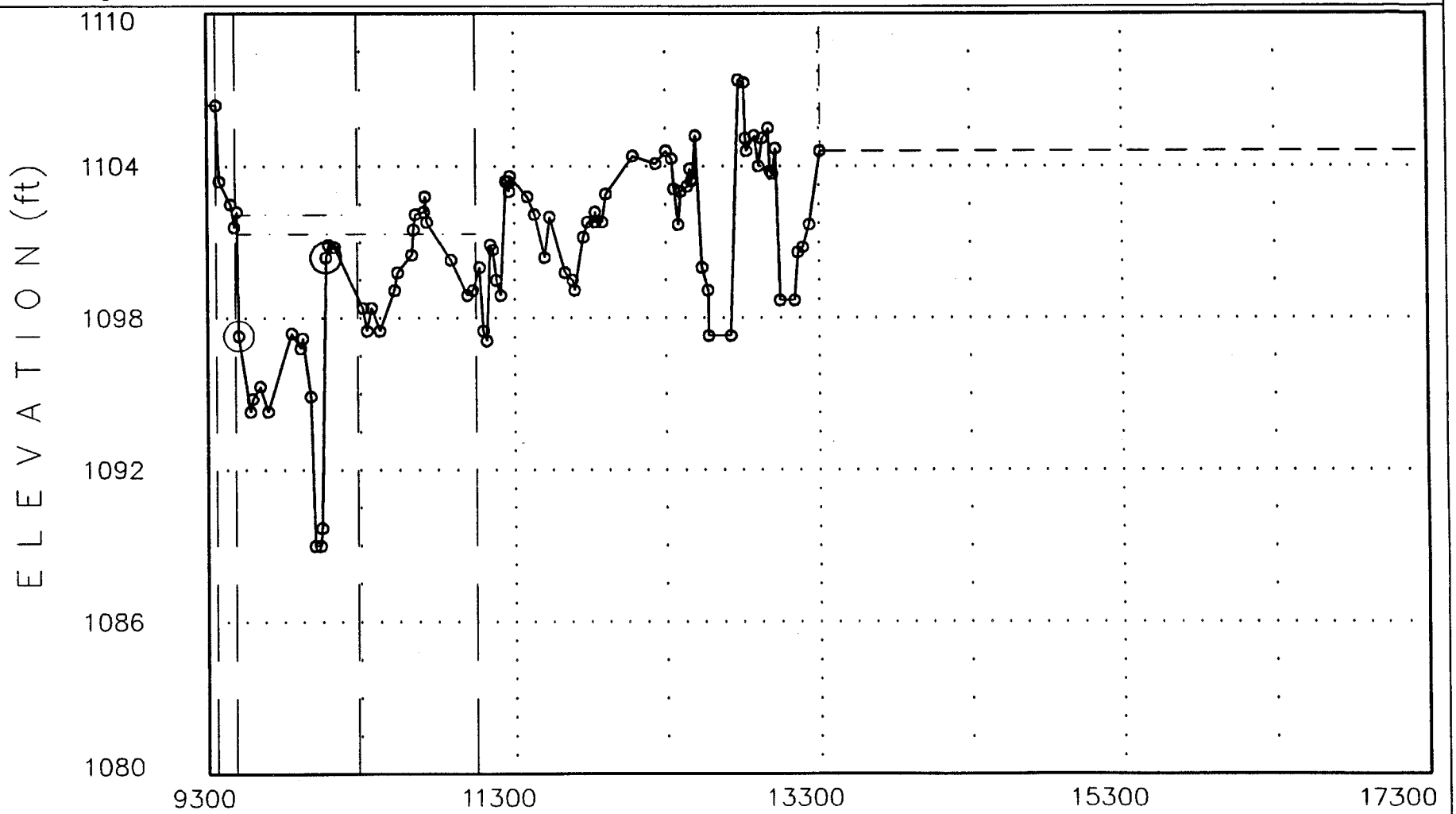
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.188: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1101.32
Q2= 34500cfs WS2= 1102.1

Manning-n Values: LOB: .045 CH: .035 ROB: .045



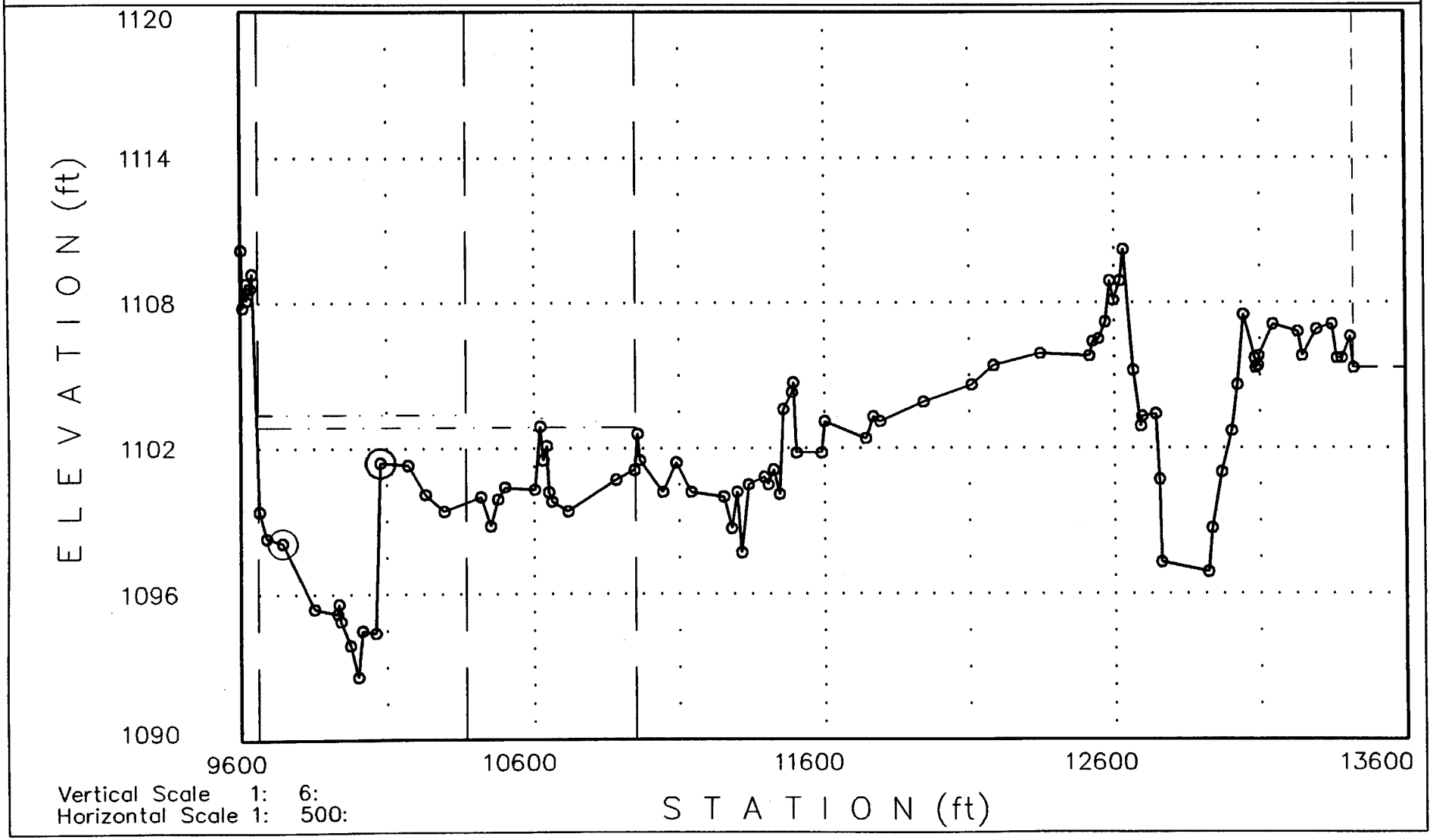
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 15.281: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1102.87
Q2= 34500cfs WS2= 1103.4

Manning-n Values: LOB: .045 CH: .035 ROB: .045



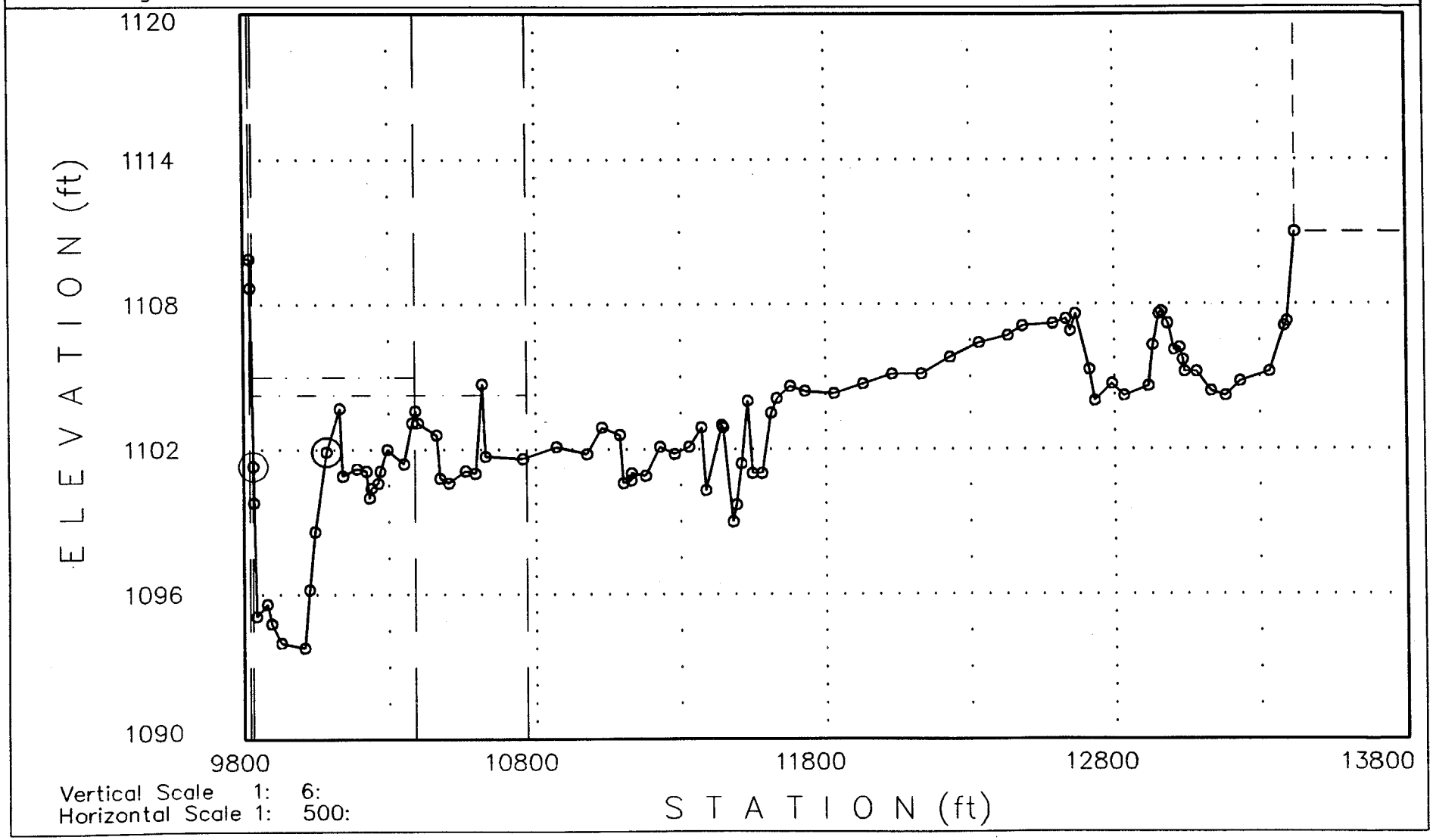
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.374: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1104.26
Q2= 34500cfs WS2= 1105

Manning-n Values: LOB: .04 CH: .035 ROB: .045



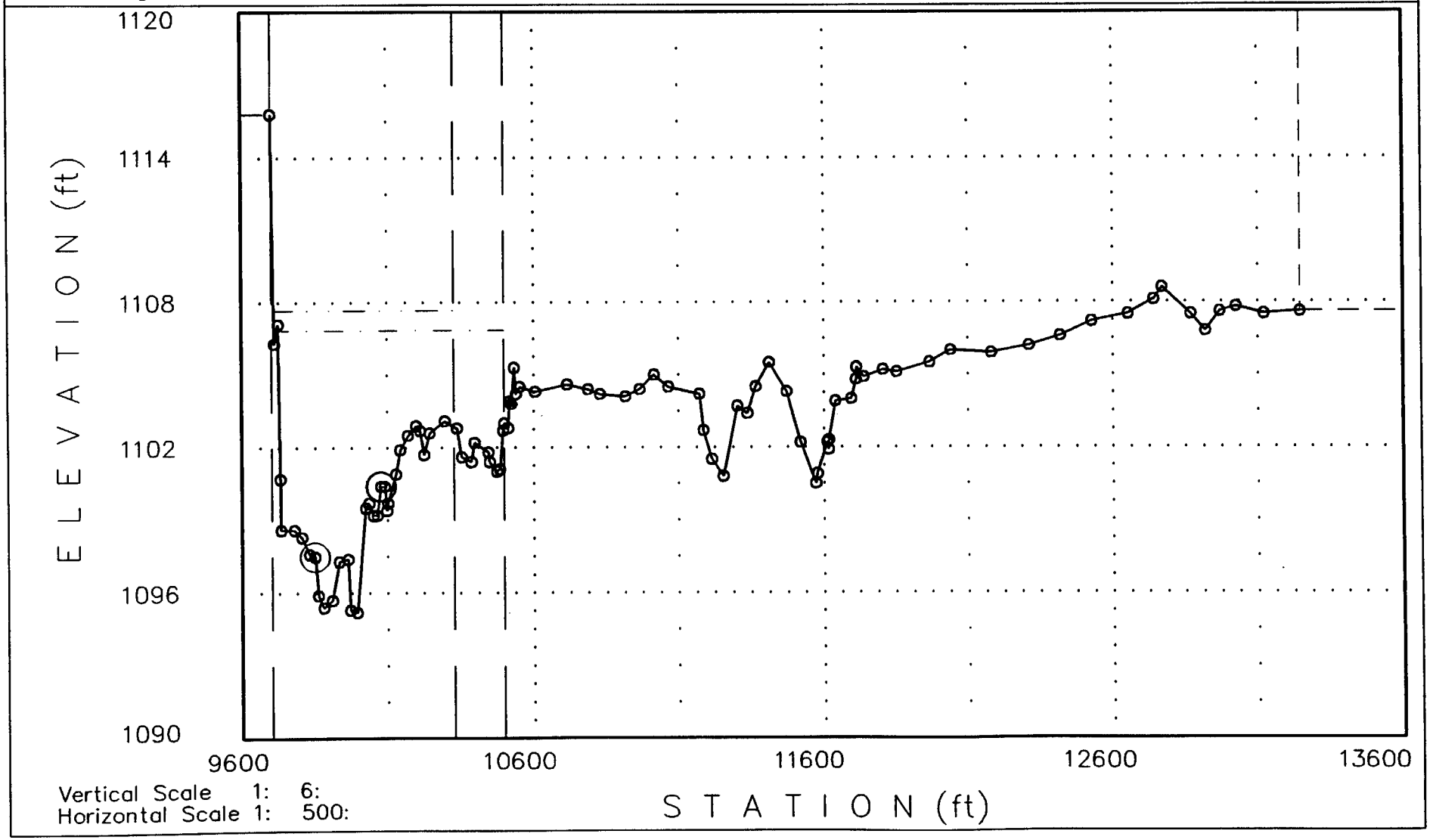
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.469: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1106.86
Q2= 34500cfs WS2= 1107.68

Manning-n Values: LOB: .04 CH: .035 ROB: .045



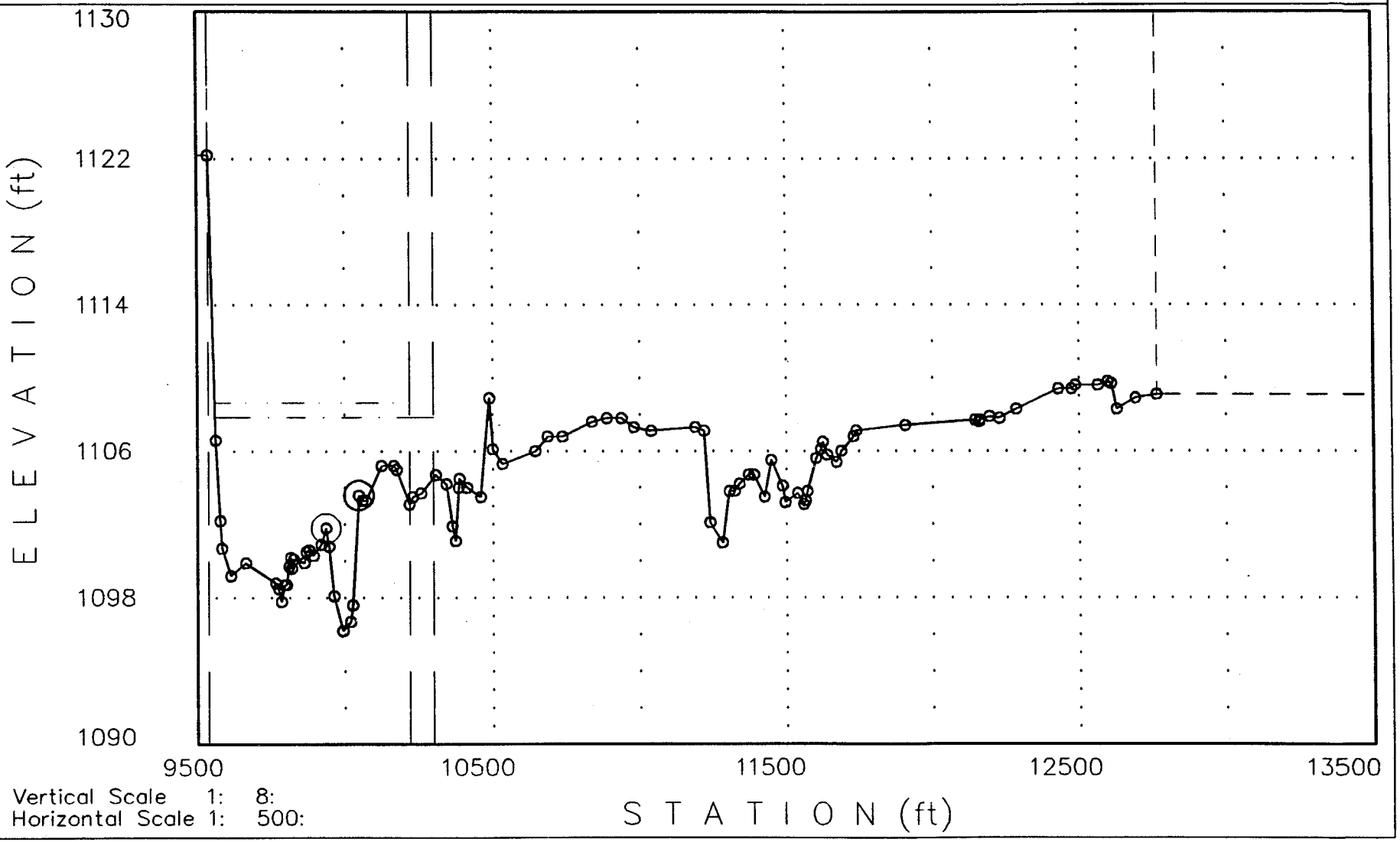
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.564: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1107.86
Q2= 34500cfs WS2= 1108.67

Manning-n Values: LOB: .04 CH: .035 ROB: .045



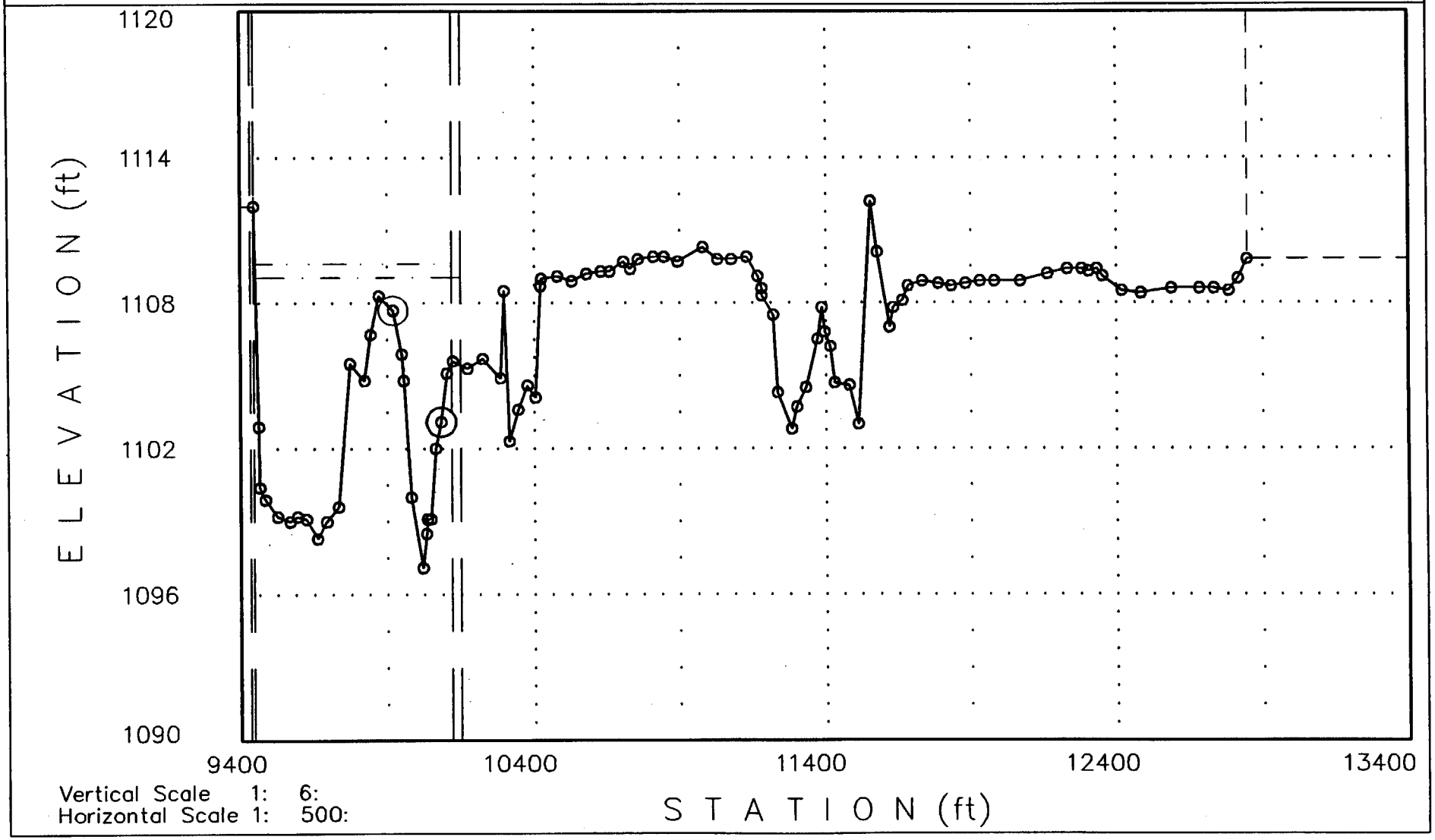
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.658: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1109.06
Q2= 34500cfs WS2= 1109.63

Manning-n Values: LOB: .04 CH: .035 ROB: .04



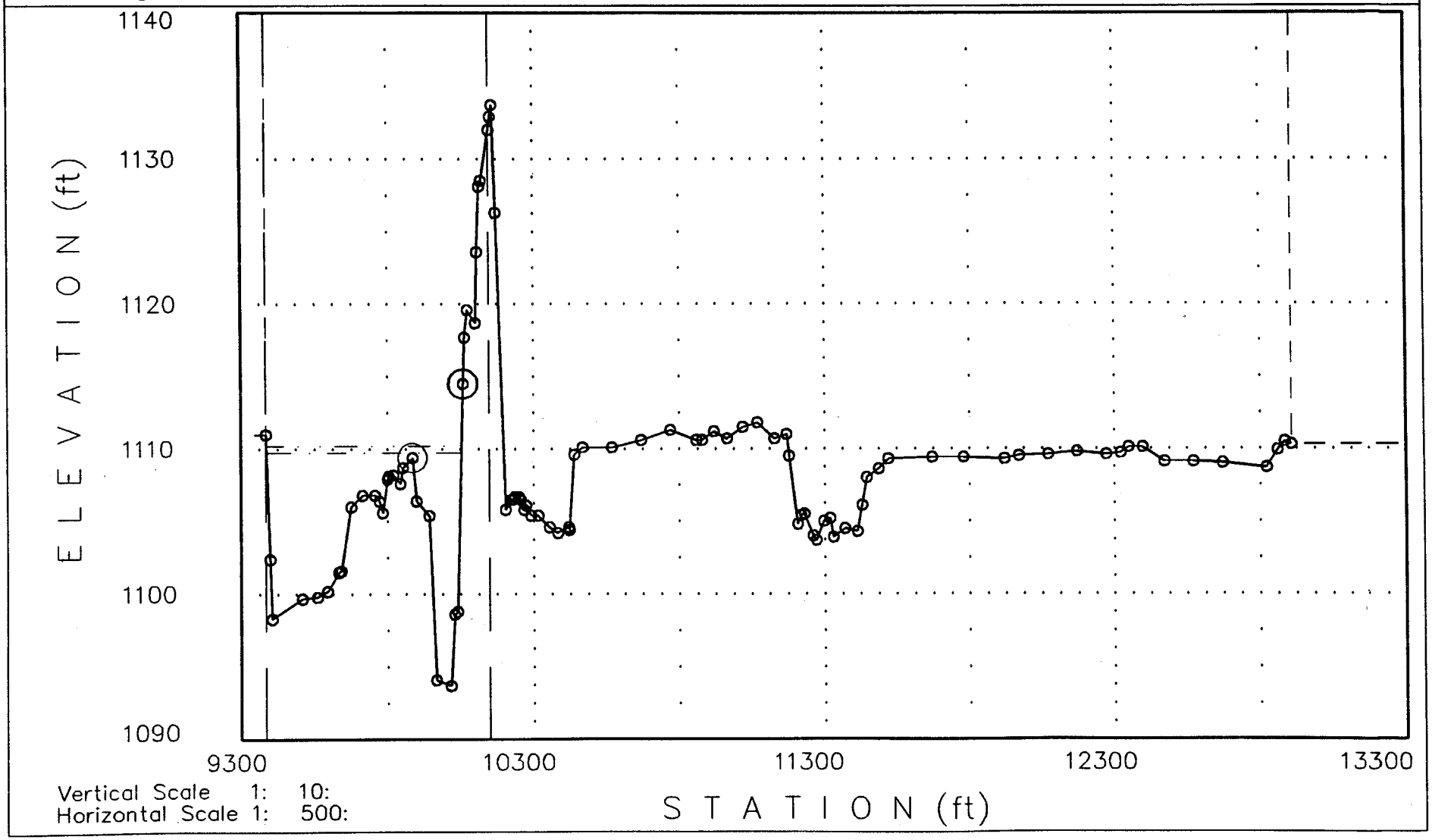
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.719: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1109.75
Q2= 34500cfs WS2= 1110.21

Manning-n Values: LOB: .04 CH: .035 ROB: 0



Vertical Scale 1: 10:
Horizontal Scale 1: 500:

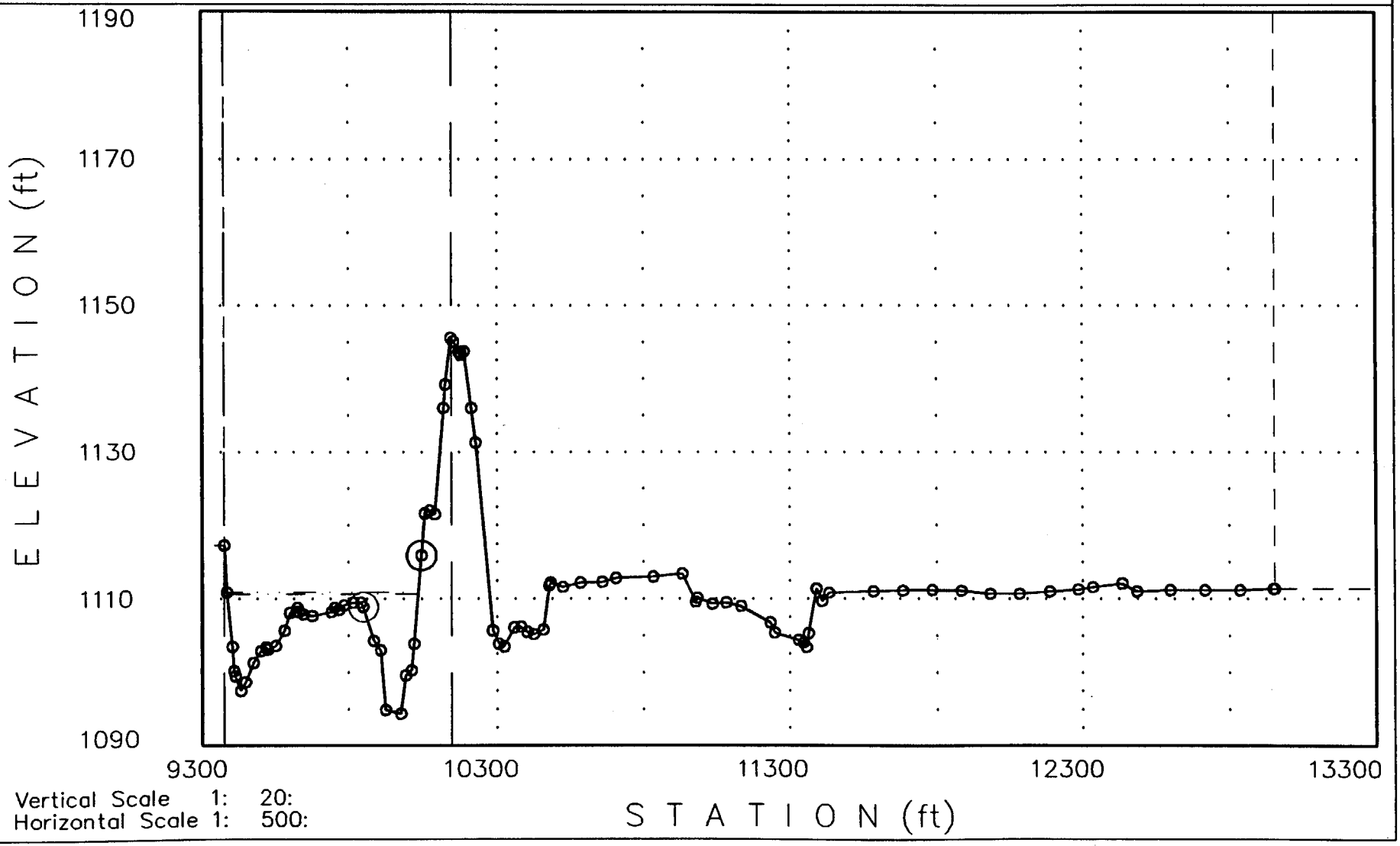
09-15-1996

<<<<<< Cross Section: 15.814: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1110.65

Q2= 34500cfs WS2= 1110.95

Manning-n Values: LOB: .04 CH: .035 ROB: 0



Vertical Scale 1: 20:

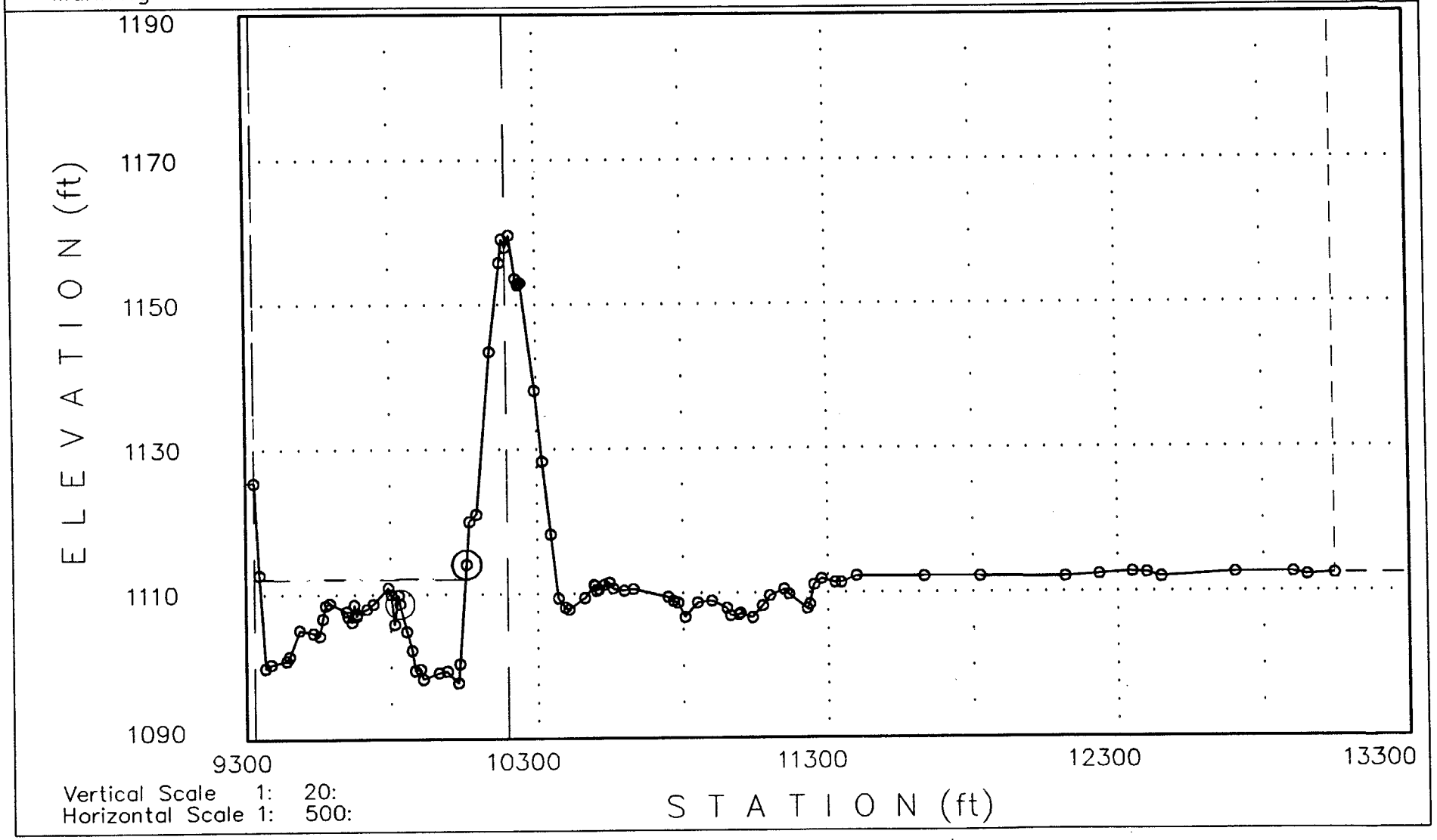
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 15.909: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1112.07
Q2= 34500cfs WS2= 1112.22

Manning-n Values: LOB: .04 CH: .035 ROB: 0



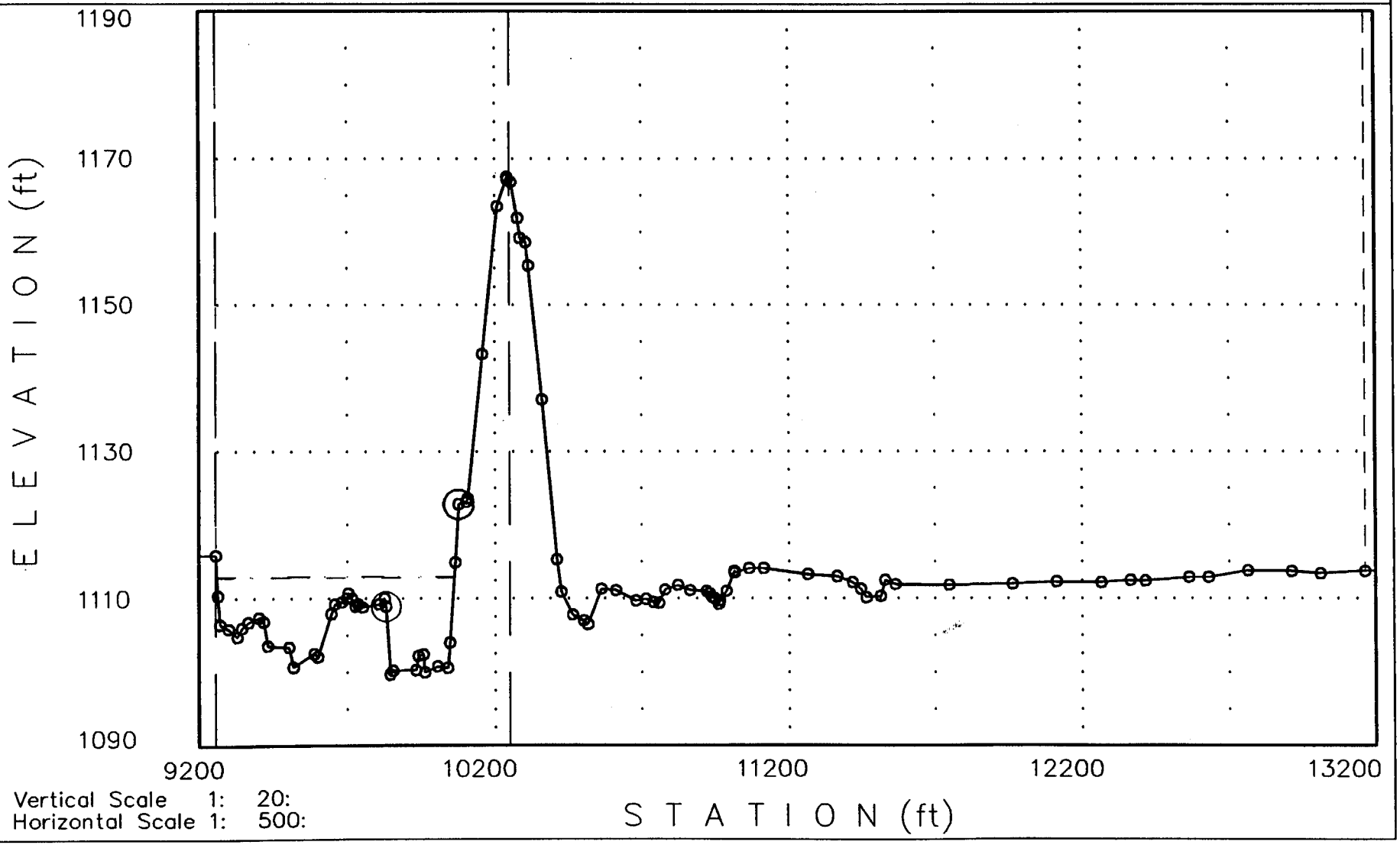
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 16.004: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1112.87
Q2= 34500cfs WS2= 1112.98

Manning-n Values: LOB: .04 CH: .035 ROB: 0



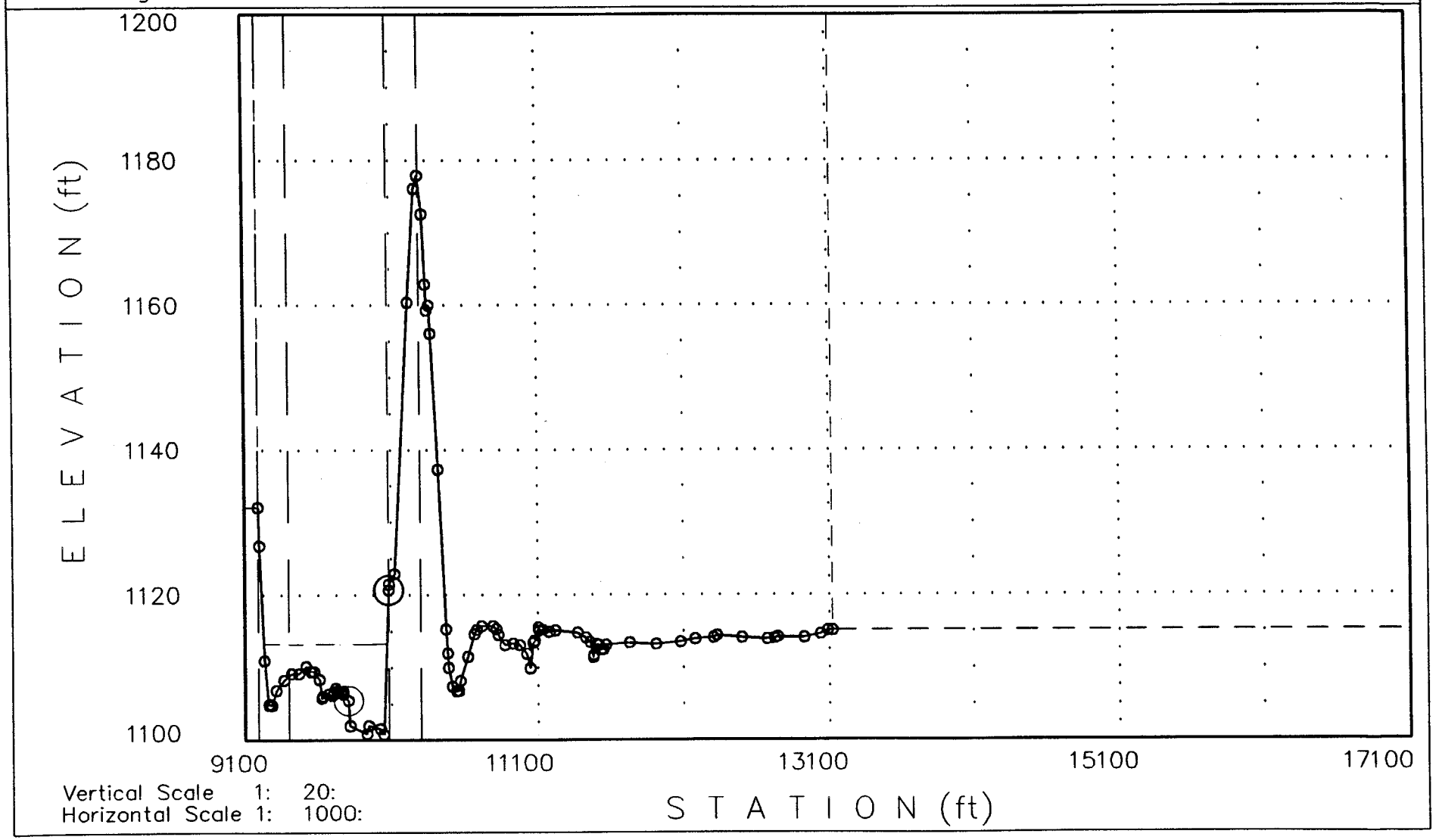
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 16.099: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1113.32
Q2= 34500cfs WS2= 1113.29

Manning-n Values: LOB: .04 CH: .035 ROB: 0



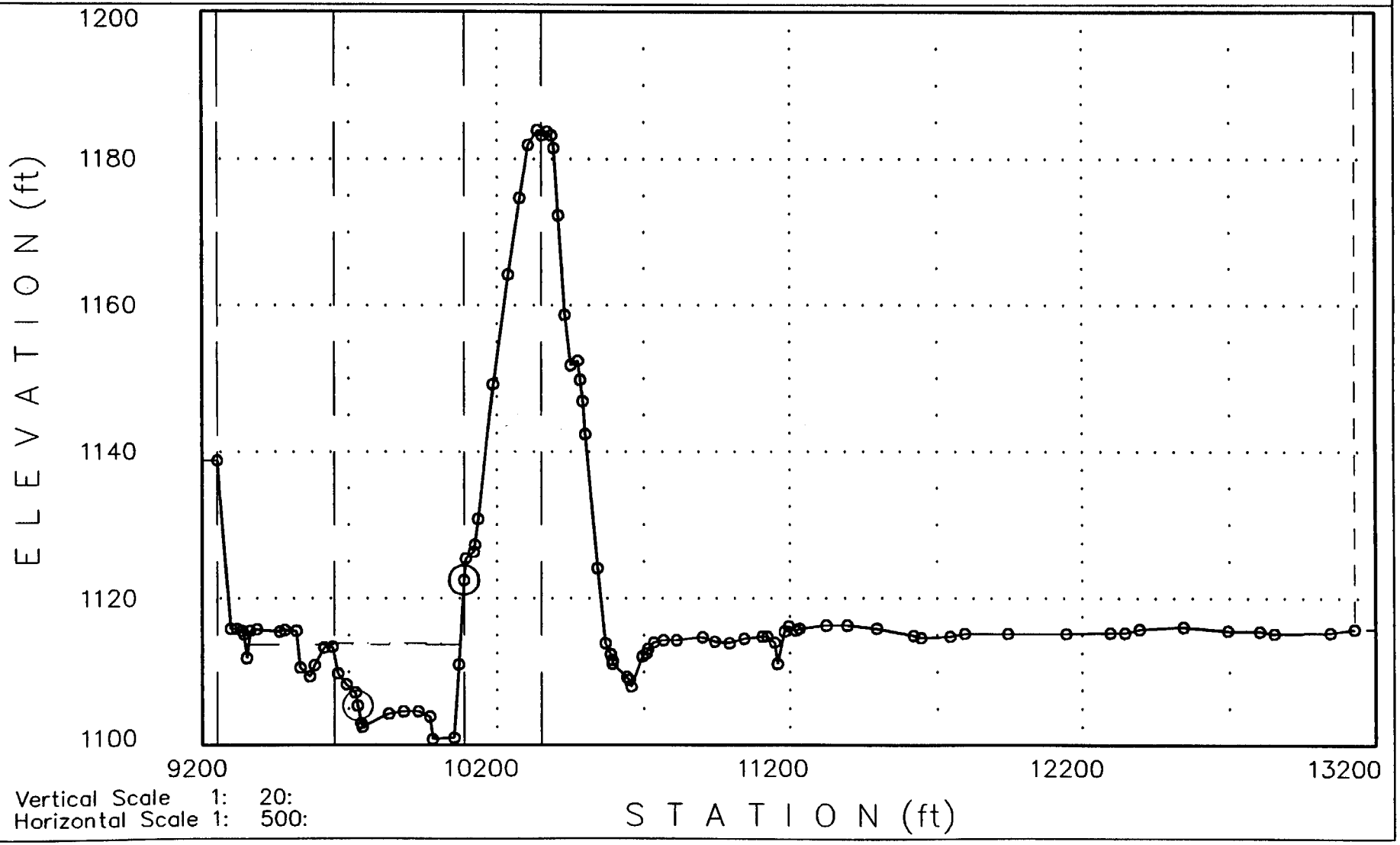
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-15-1996

<<<<<< Cross Section: 16.195: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1113.7
Q2= 34500cfs WS2= 1113.96

Manning-n Values: LOB: .04 CH: .035 ROB: 0



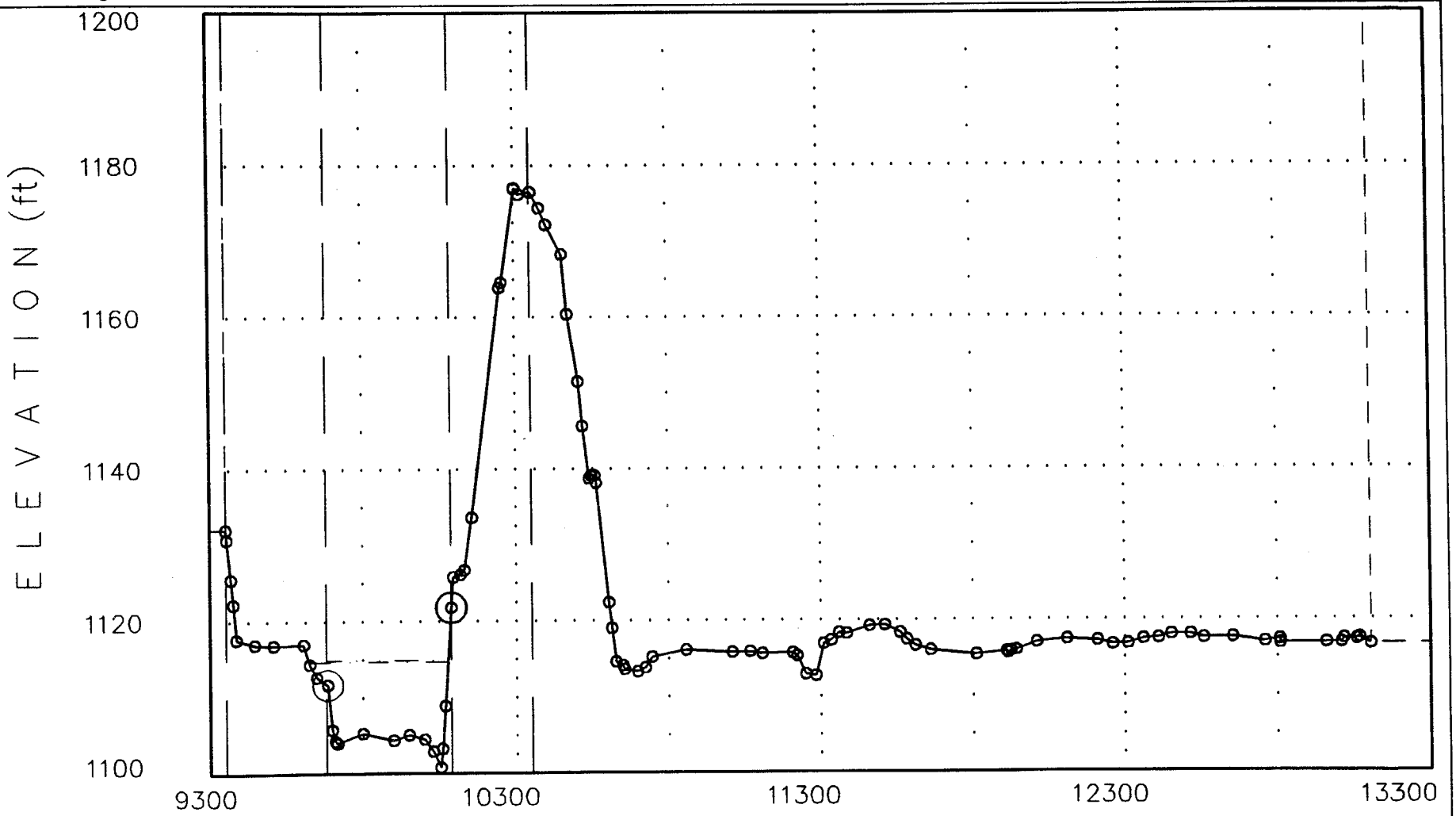
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 16.289: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1114.69
Q2= 34500cfs WS2= 1114.95

Manning-n Values: LOB: .04 CH: .035 ROB: 0



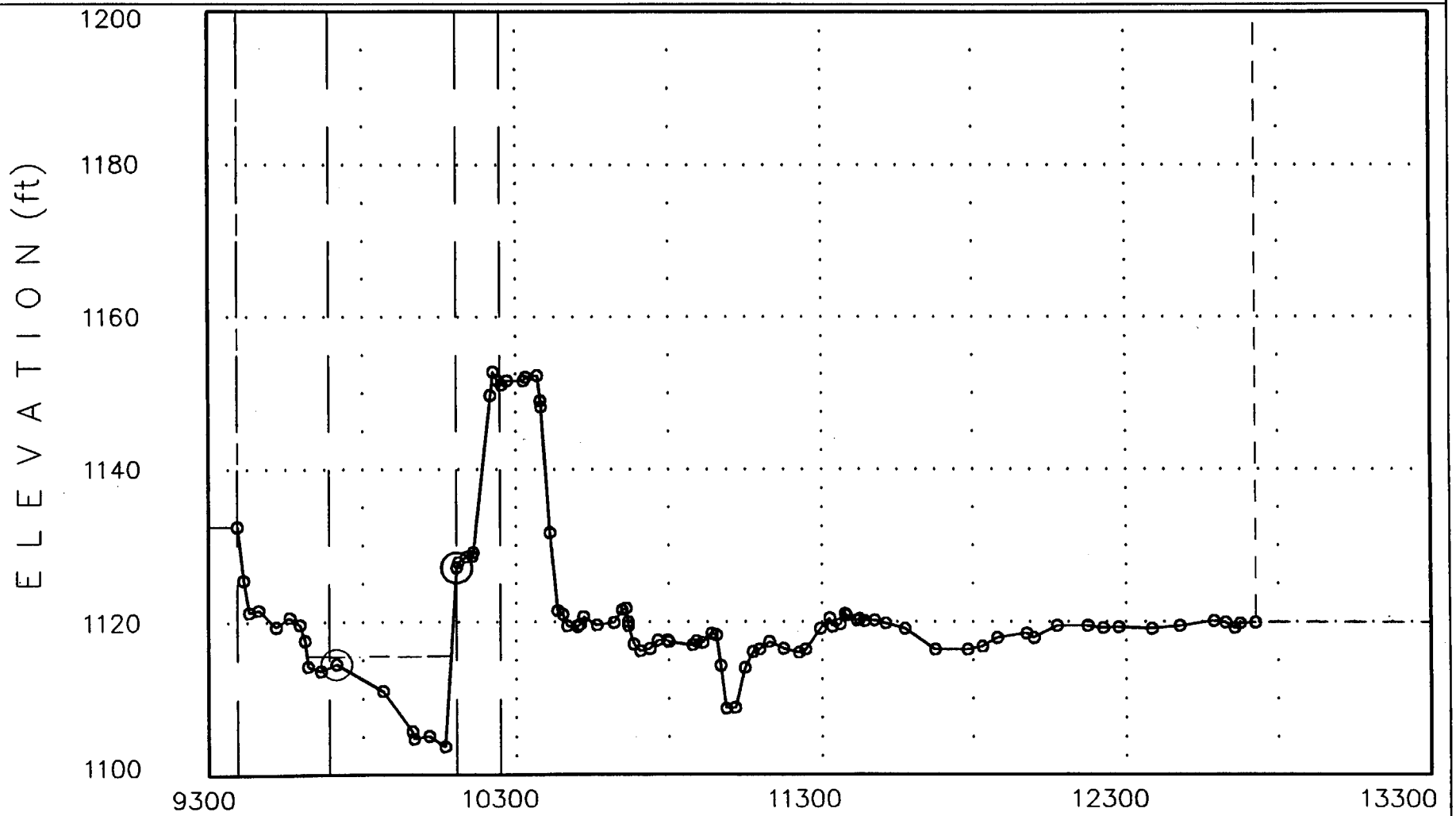
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 16.385: (FN = AGUAFRIA.120) >>>>>>

Q1= 34500cfs WS1= 1115.62
Q2= 34500cfs WS2= 1115.51

Manning-n Values: LOB: .04 CH: .035 ROB: 0



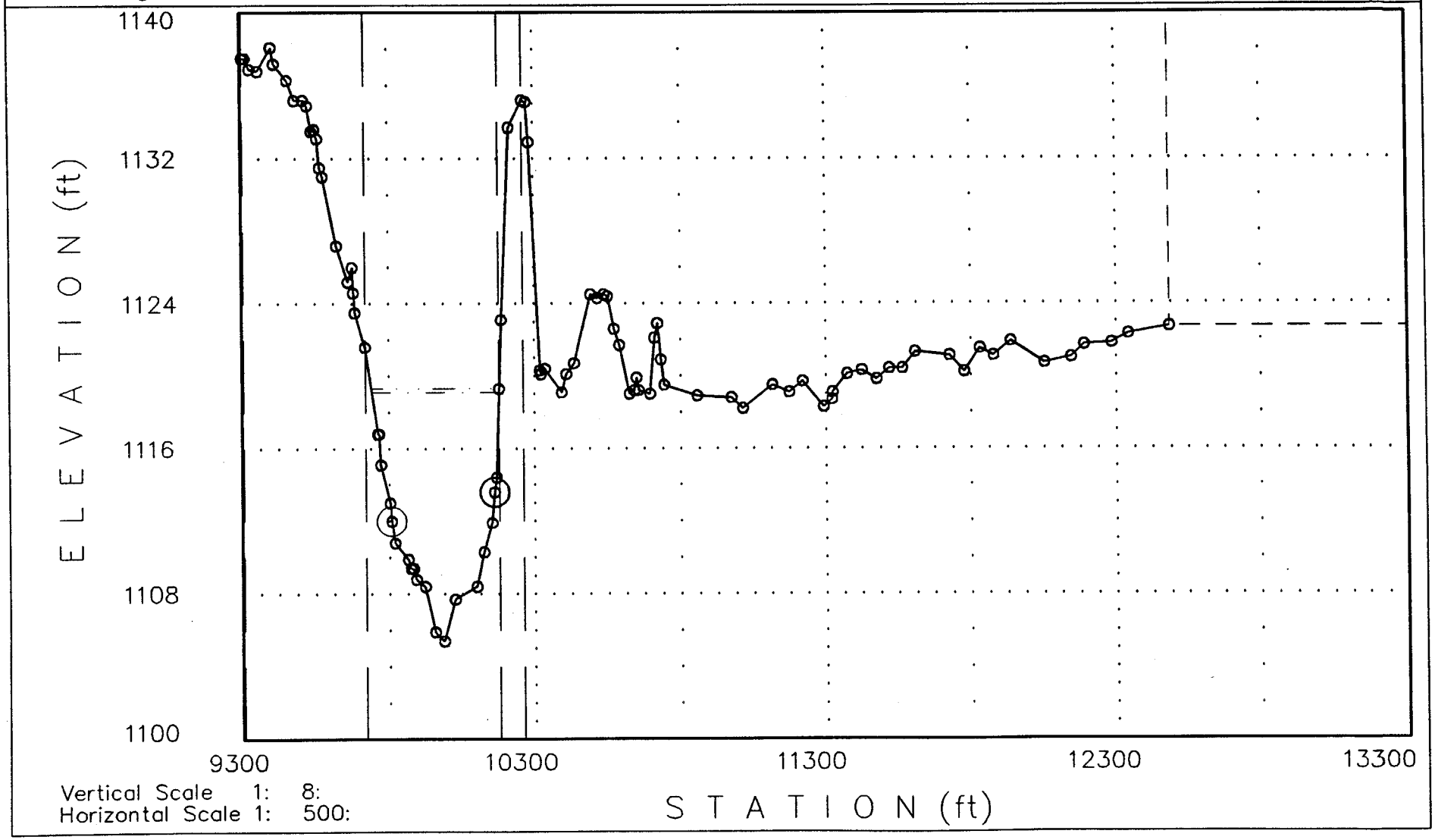
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 16.471: (FN = AGUAFRIA.120) >>>>>>

Q1= 36000cfs WS1= 1119.12
Q2= 36000cfs WS2= 1119.33

Manning-n Values: LOB: .04 CH: .035 ROB: .04



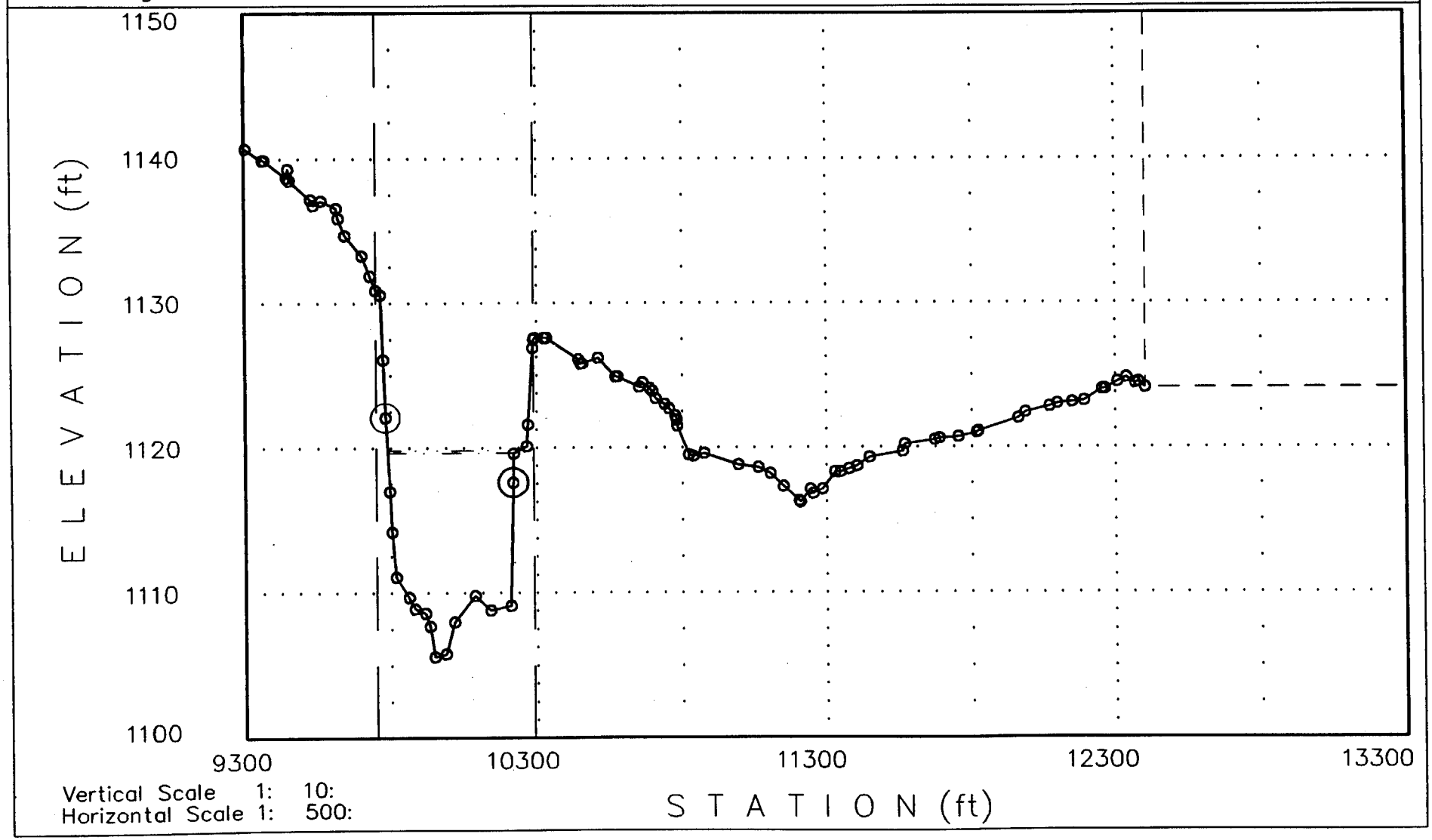
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 16.482: (FN = AGUAFRIA.120) >>>>>>

Q1= 36000cfs WS1= 1119.65
Q2= 36000cfs WS2= 1119.82

Manning-n Values: LOB: 0 CH: .035 ROB: .04



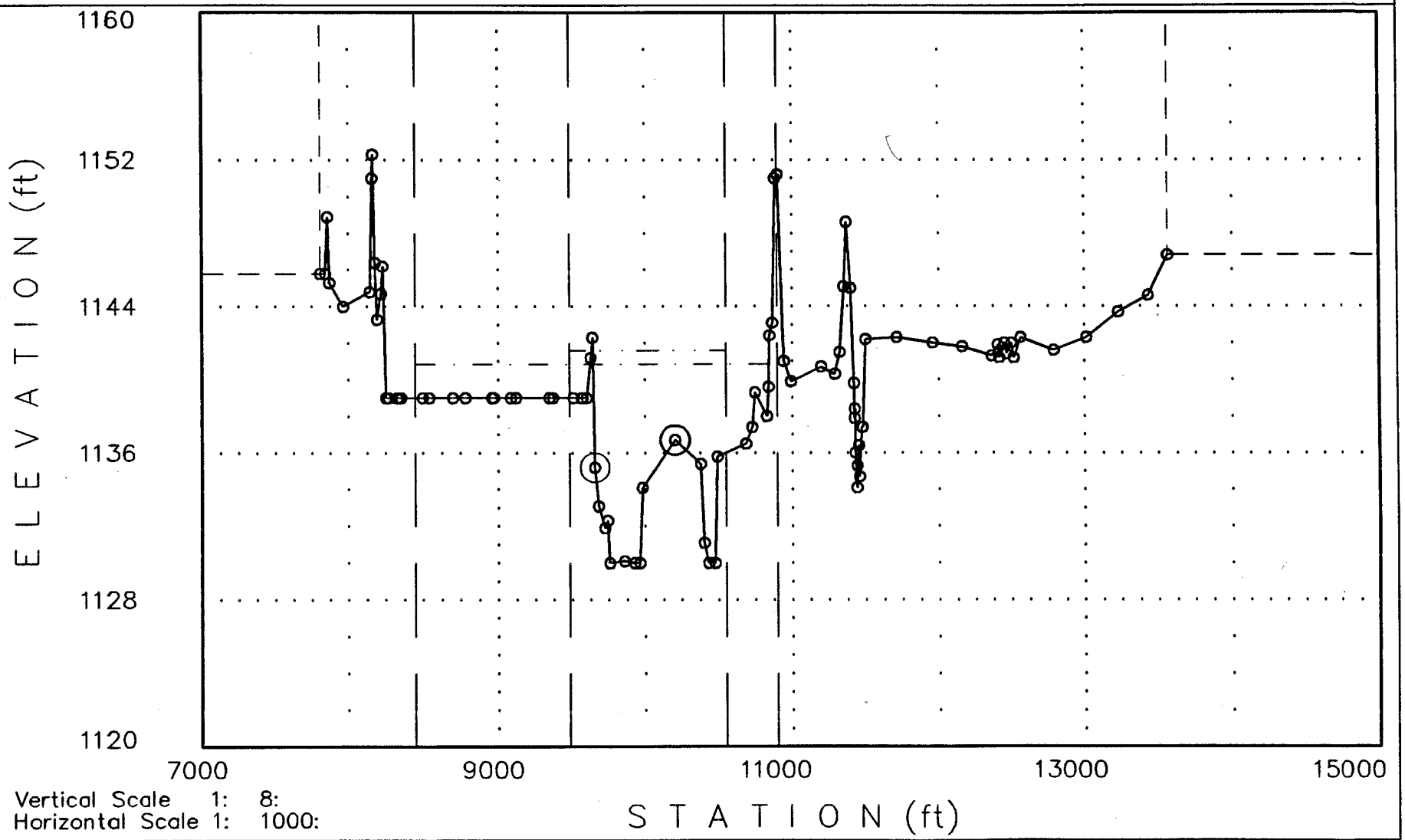
Vertical Scale 1: 10:
Horizontal Scale 1: 500:

09-15-1996

<<<<<< Cross Section: 18: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1140.86
Q2= 37500cfs WS2= 1141.6

Manning-n Values: LOB: .045 CH: .035 ROB: .05



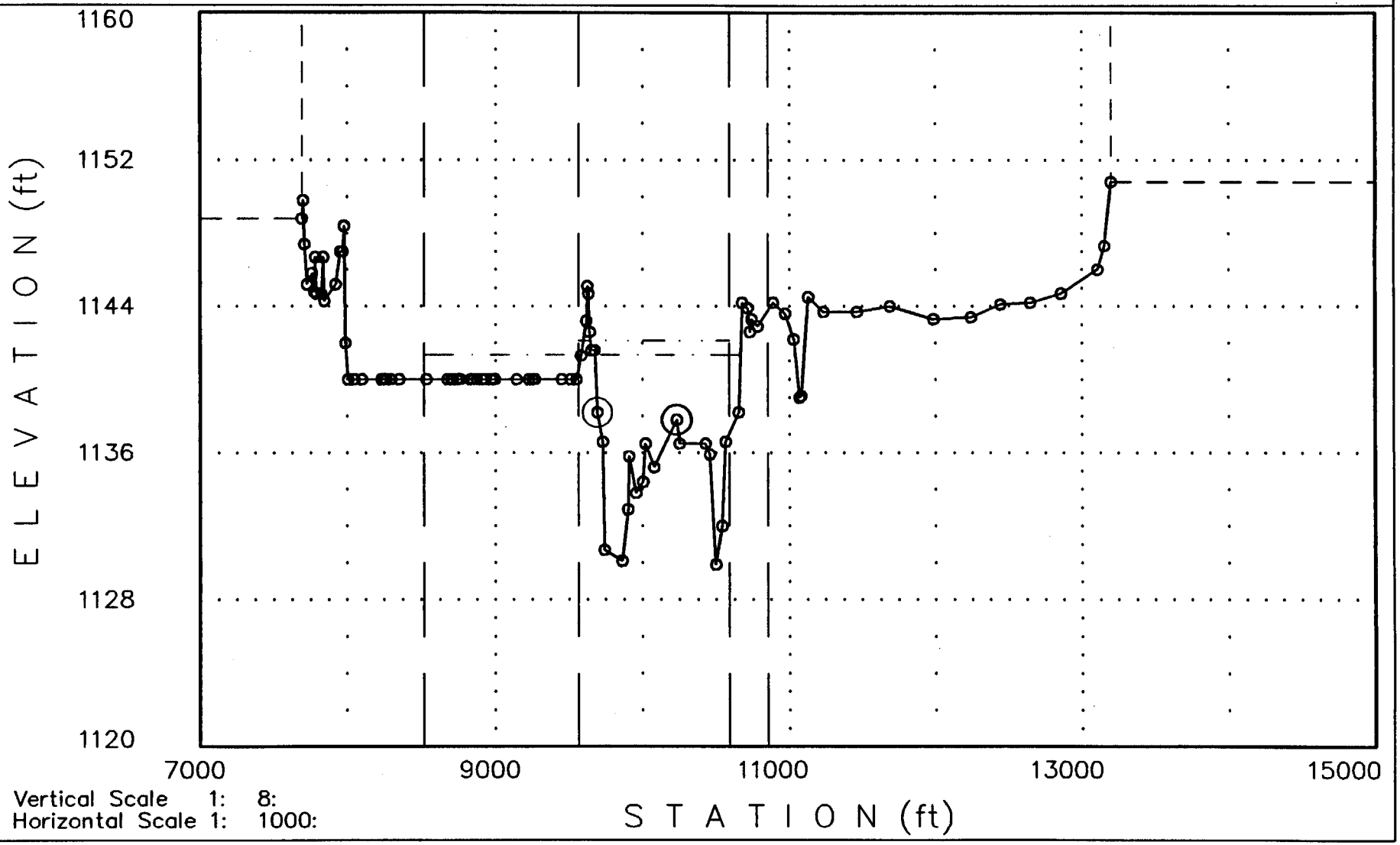
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 18.093: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1141.37
Q2= 37500cfs WS2= 1142.12

Manning-n Values: LOB: .045 CH: .035 ROB: .05



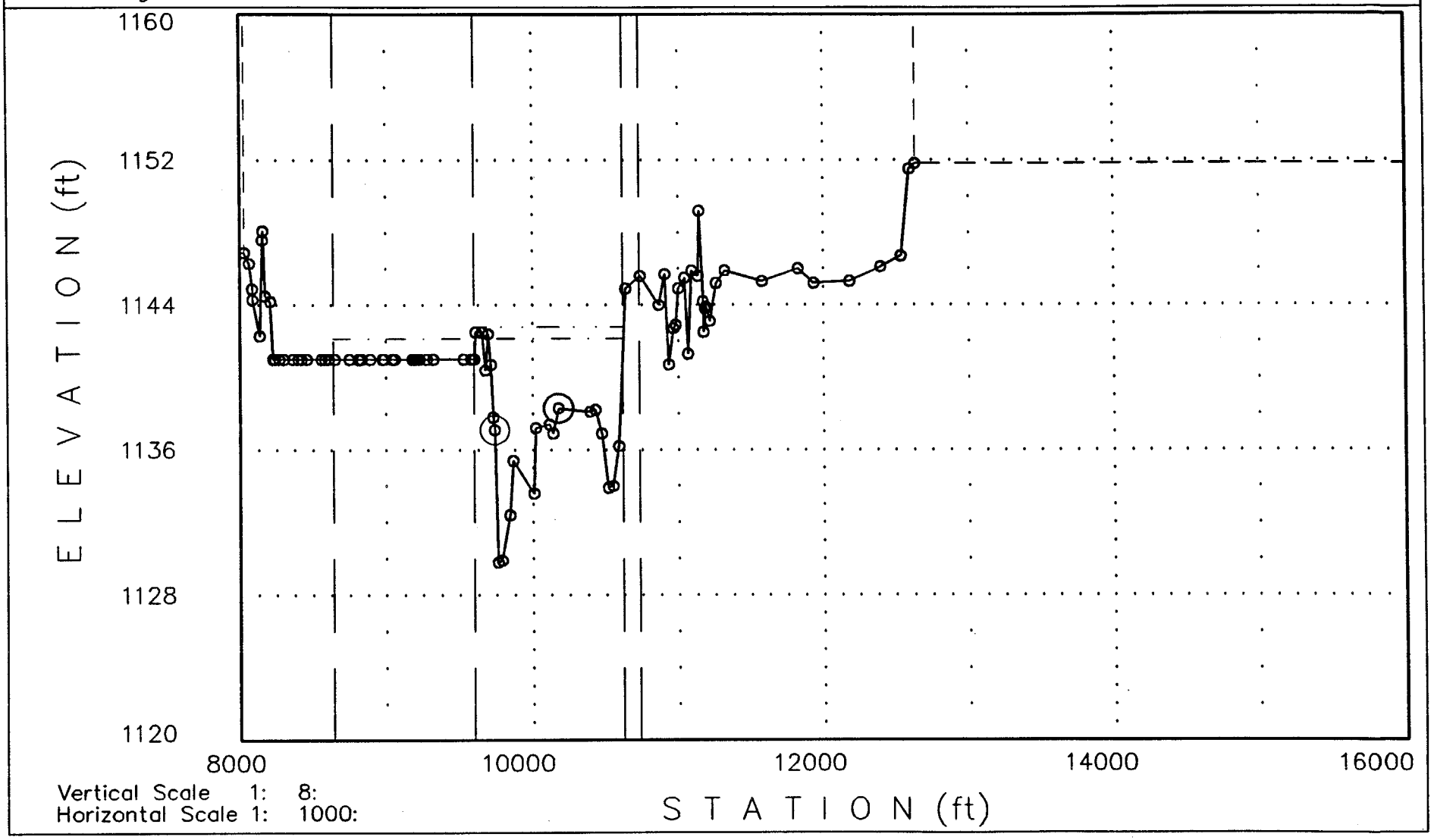
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 18.182: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1142.17
Q2= 37500cfs WS2= 1142.8

Manning-n Values: LOB: .045 CH: .035 ROB: .05



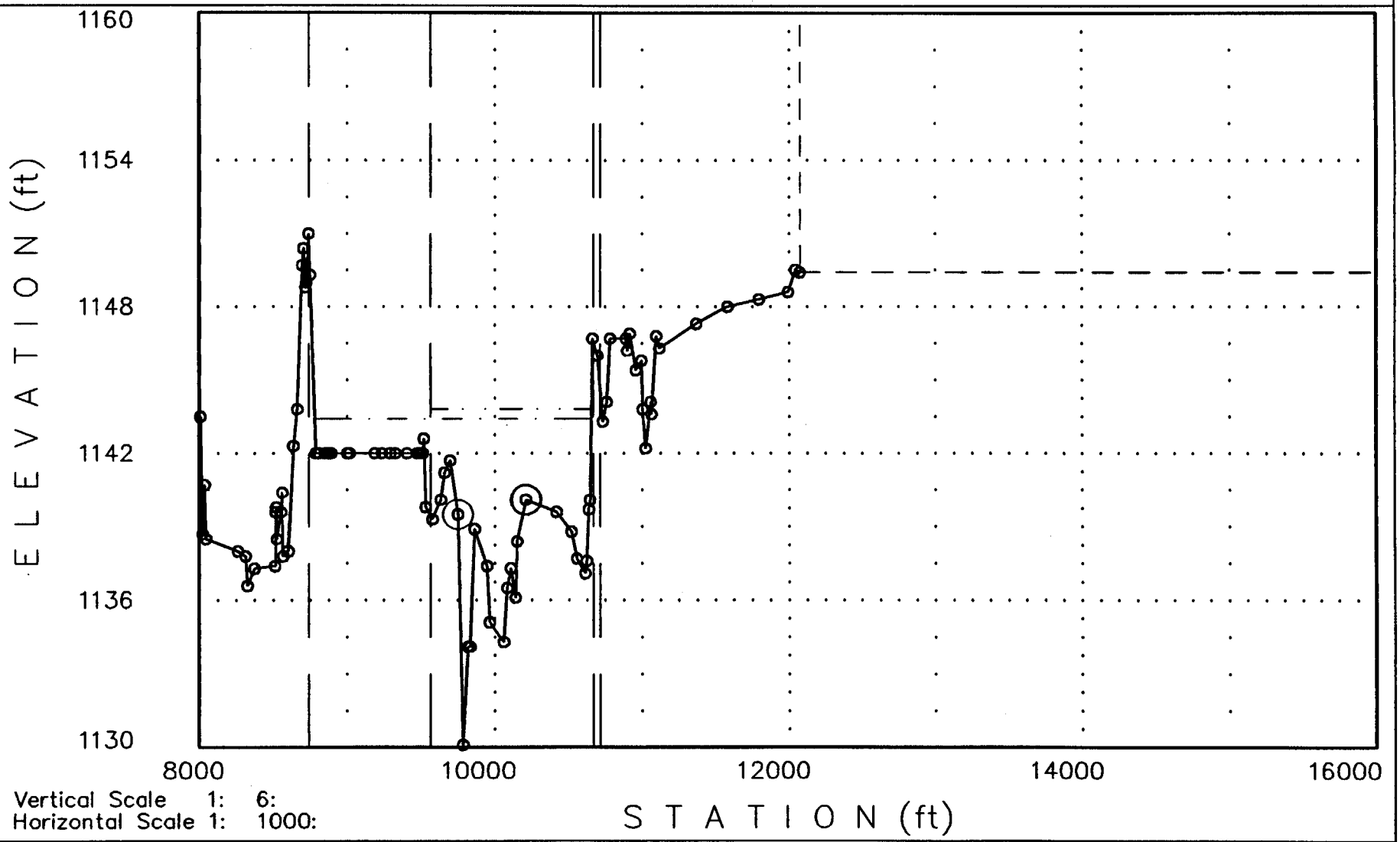
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 18.275: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1143.41
Q2= 37500cfs WS2= 1143.82

Manning-n Values: LOB: .045 CH: .035 ROB: .05



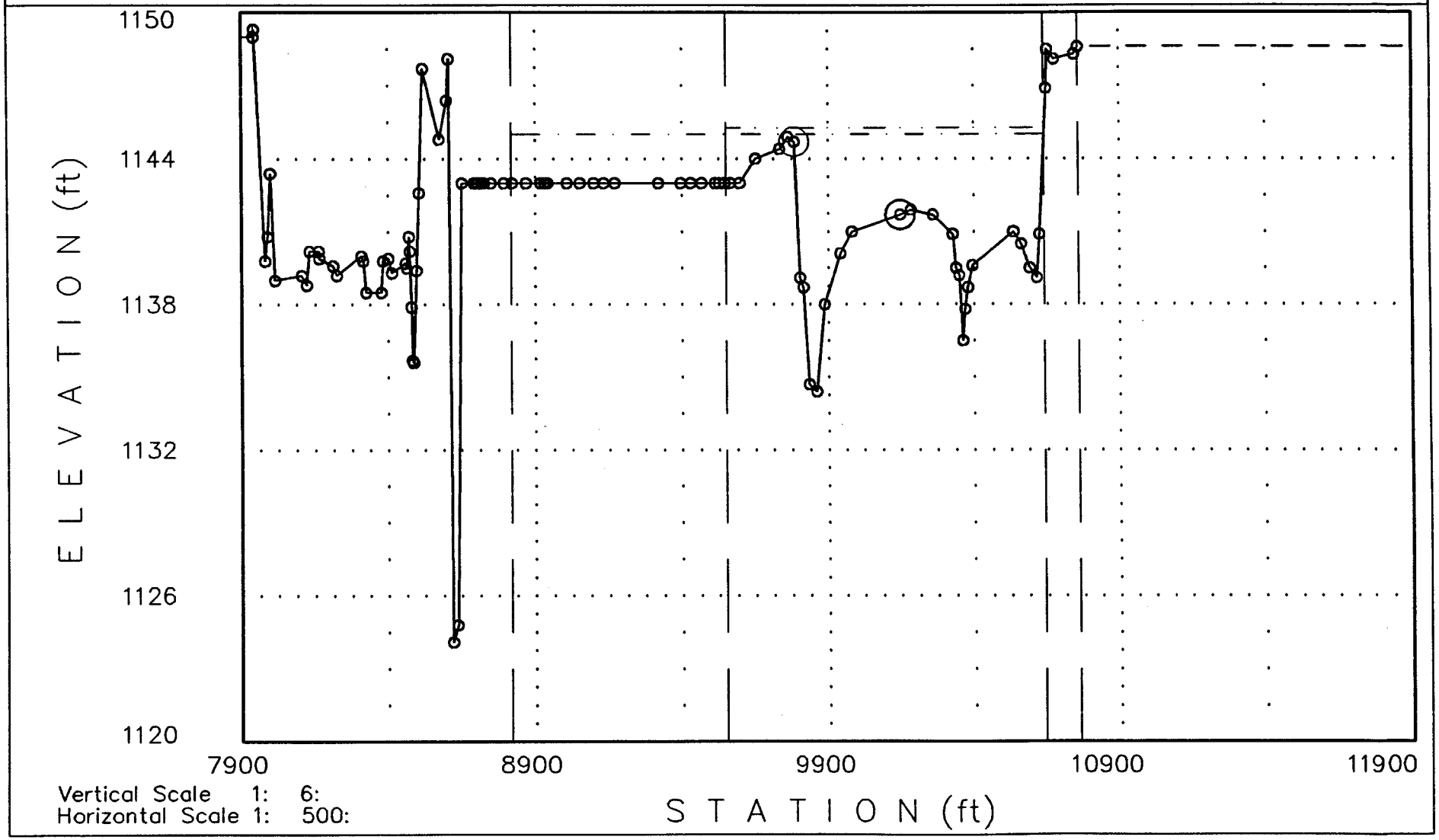
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 18.369: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1145.02
Q2= 37500cfs WS2= 1145.28

Manning-n Values: LOB: .045 CH: .035 ROB: .05



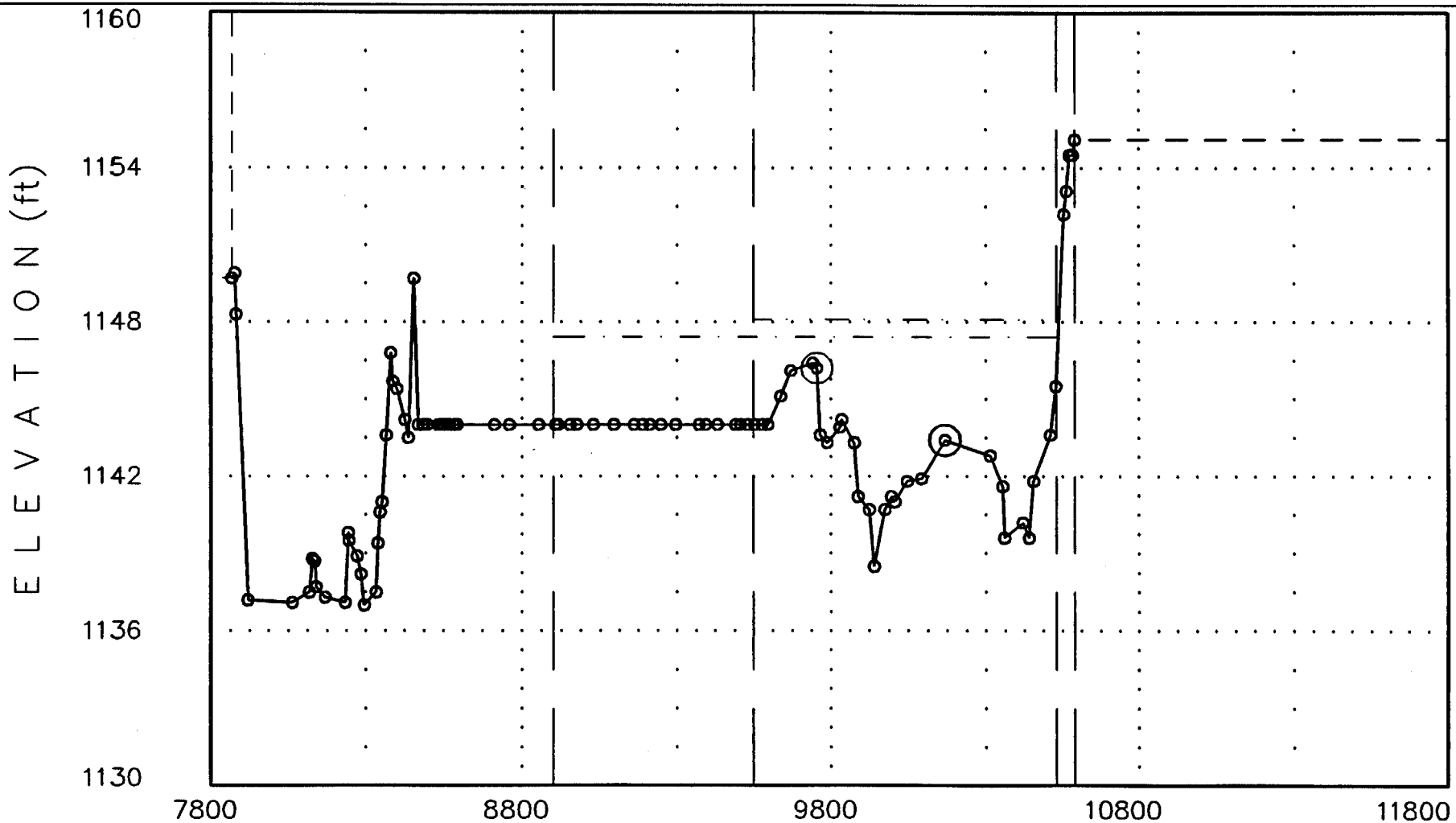
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 18.464: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1147.43
Q2= 37500cfs WS2= 1148.11

Manning-n Values: LOB: .045 CH: .035 ROB: .05



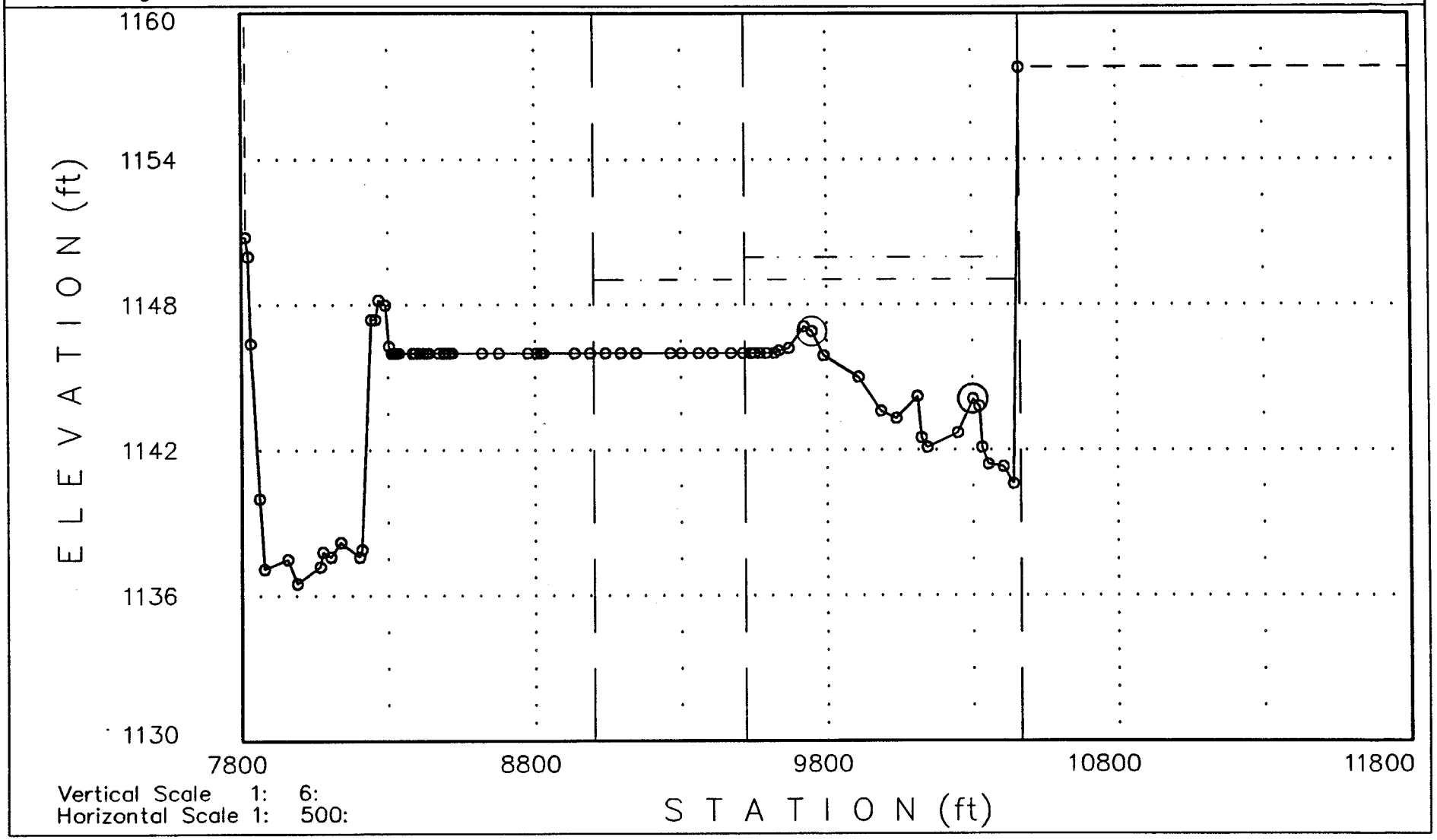
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 18.558: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1149.05
Q2= 37500cfs WS2= 1149.97

Manning-n Values: LOB: .045 CH: .035 ROB: .05



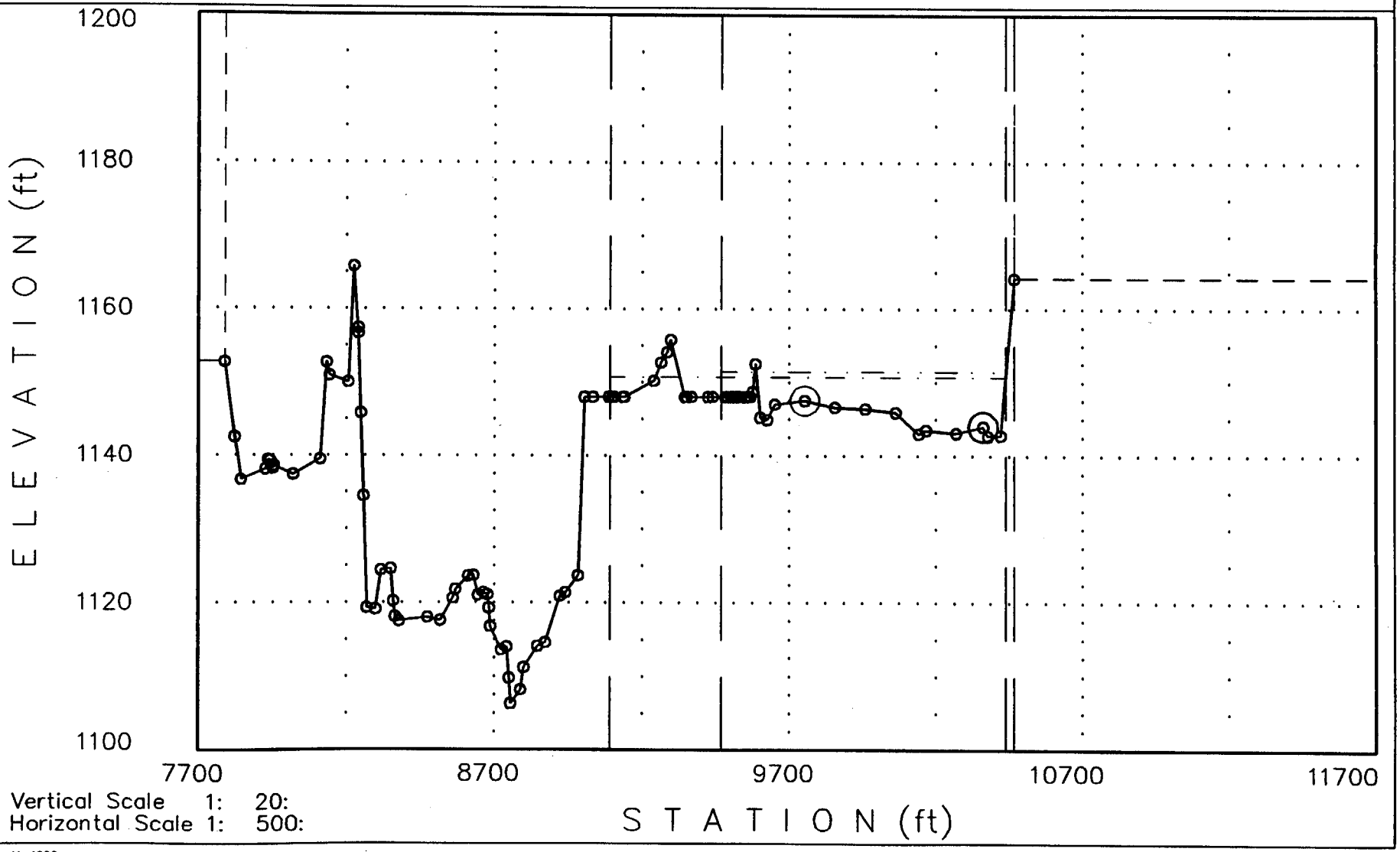
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 18.653: (FN = TEST.O) >>>>>>

Q1= 37500cfs WS1= 1150.76
Q2= 37500cfs WS2= 1151.49

Manning-n Values: LOB: .045 CH: .035 ROB: .05



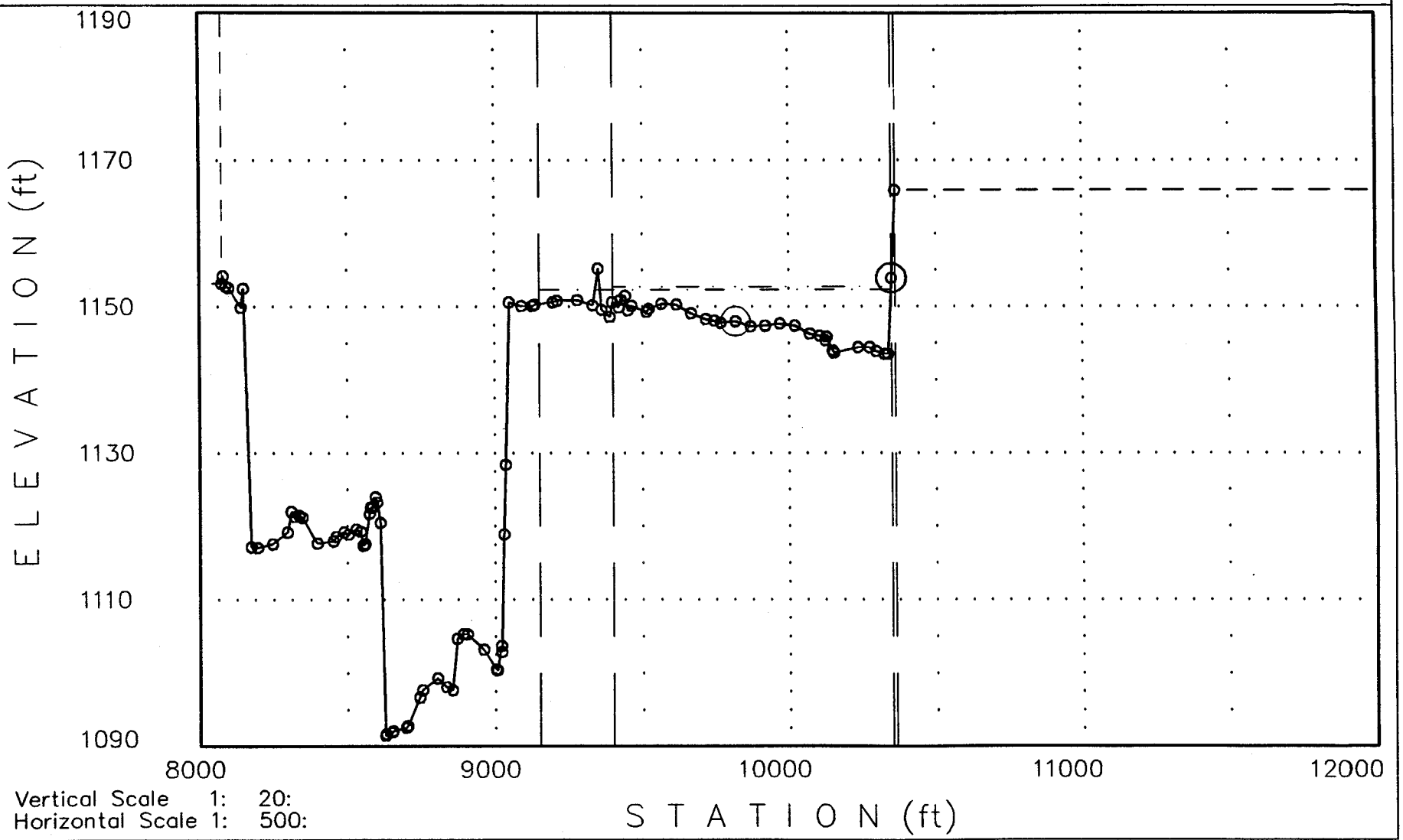
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 18.748: (FN = TEST.O) >>>>>>

Q1= 37500cfs WS1= 1152.38
Q2= 37500cfs WS2= 1152.75

Manning-n Values: LOB: .045 CH: .035 ROB: 0



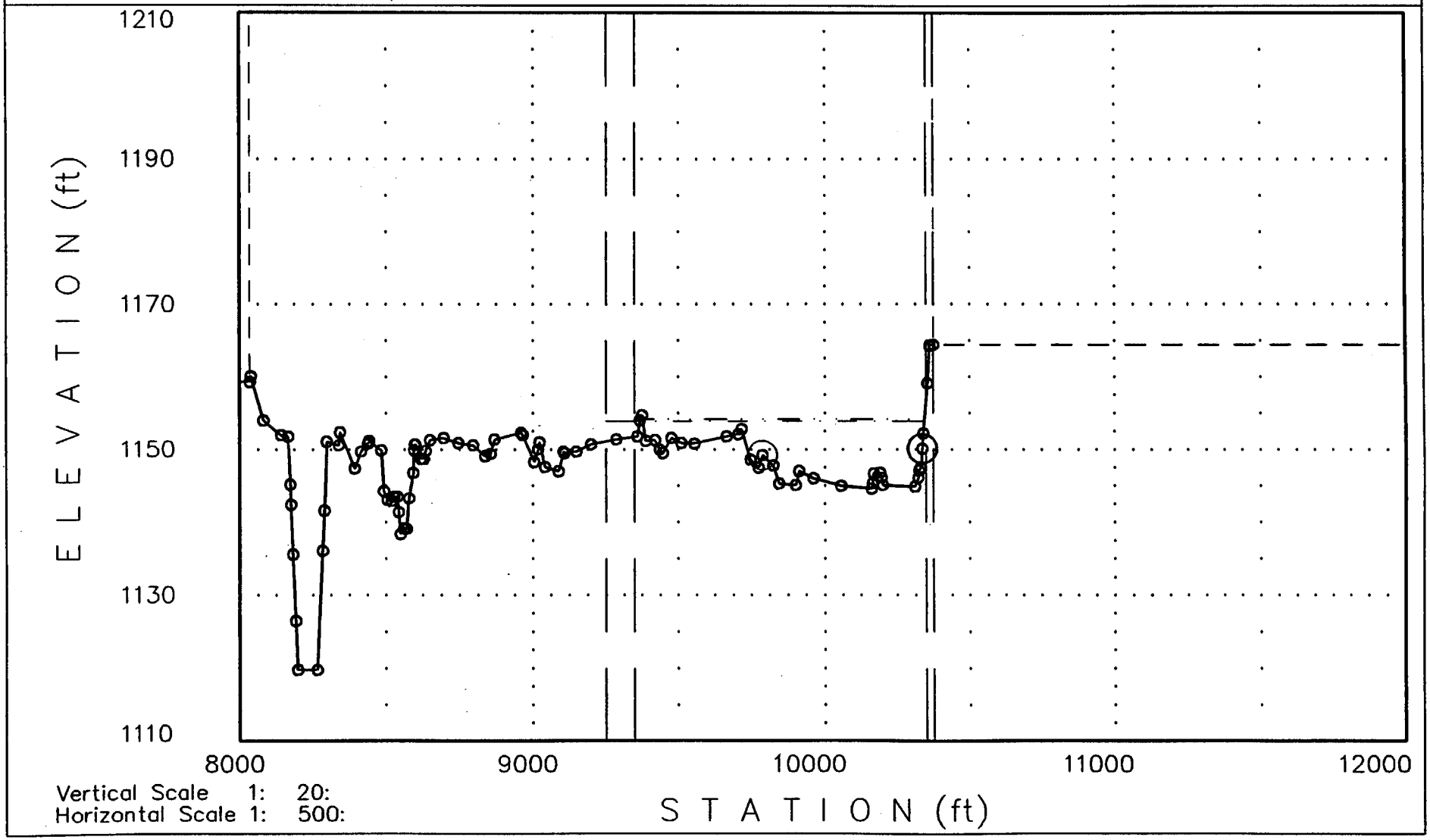
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 18.839: (FN = TEST.O) >>>>>>

Q1= 37500cfs WS1= 1153.92
Q2= 37500cfs WS2= 1154.17

Manning-n Values: LOB: .045 CH: .035 ROB: .05



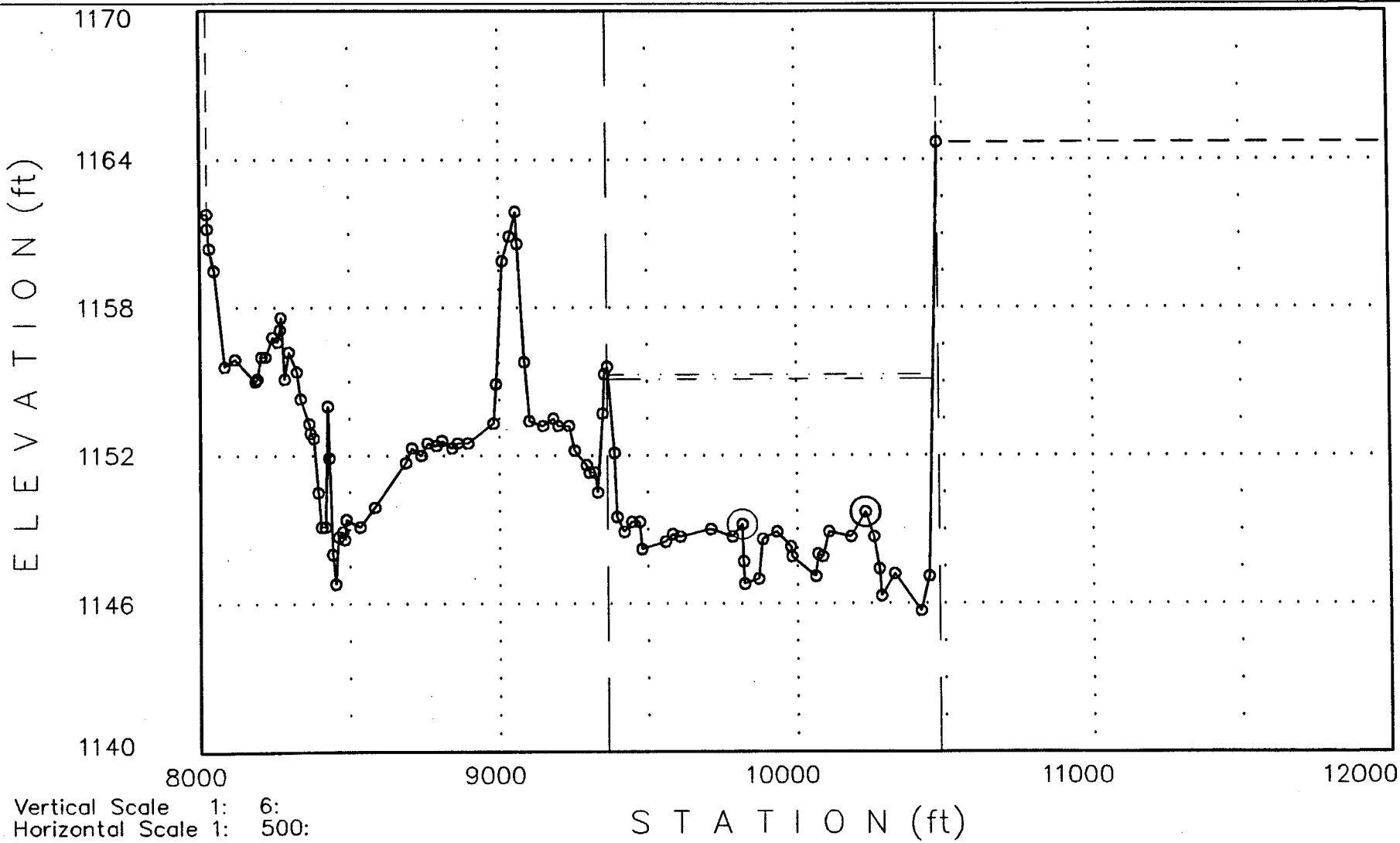
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 18.937: (FN = TEST.O) >>>>>>

Q1= 37500cfs WS1= 1155.1
Q2= 37500cfs WS2= 1155.27

Manning-n Values: LOB: .045 CH: .035 ROB: .05



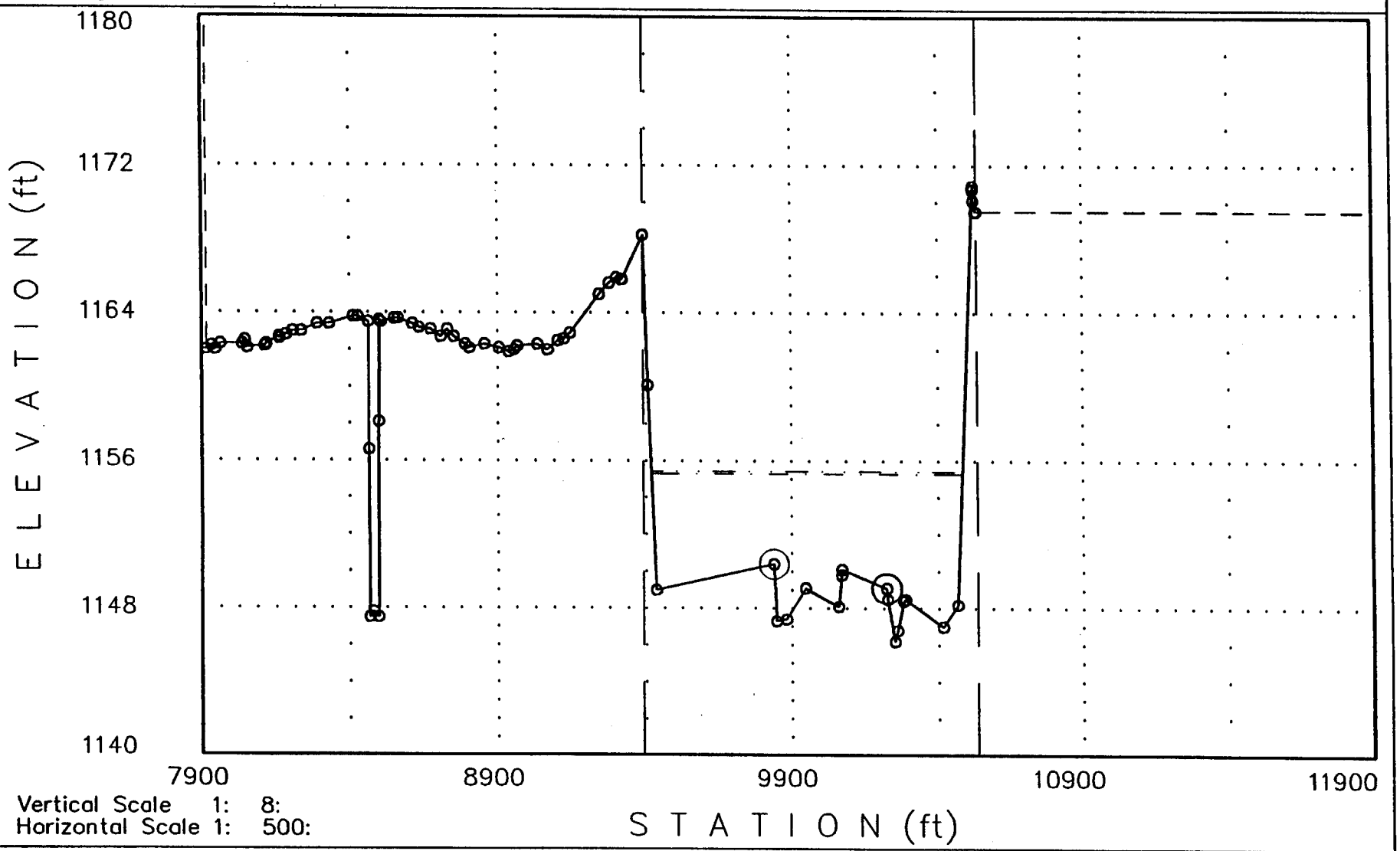
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 18.962: (FN = TEST.O) >>>>>>

Q1= 37500cfs WS1= 1155.28
Q2= 37500cfs WS2= 1155.44

Manning-n Values: LOB: .045 CH: .035 ROB: .05



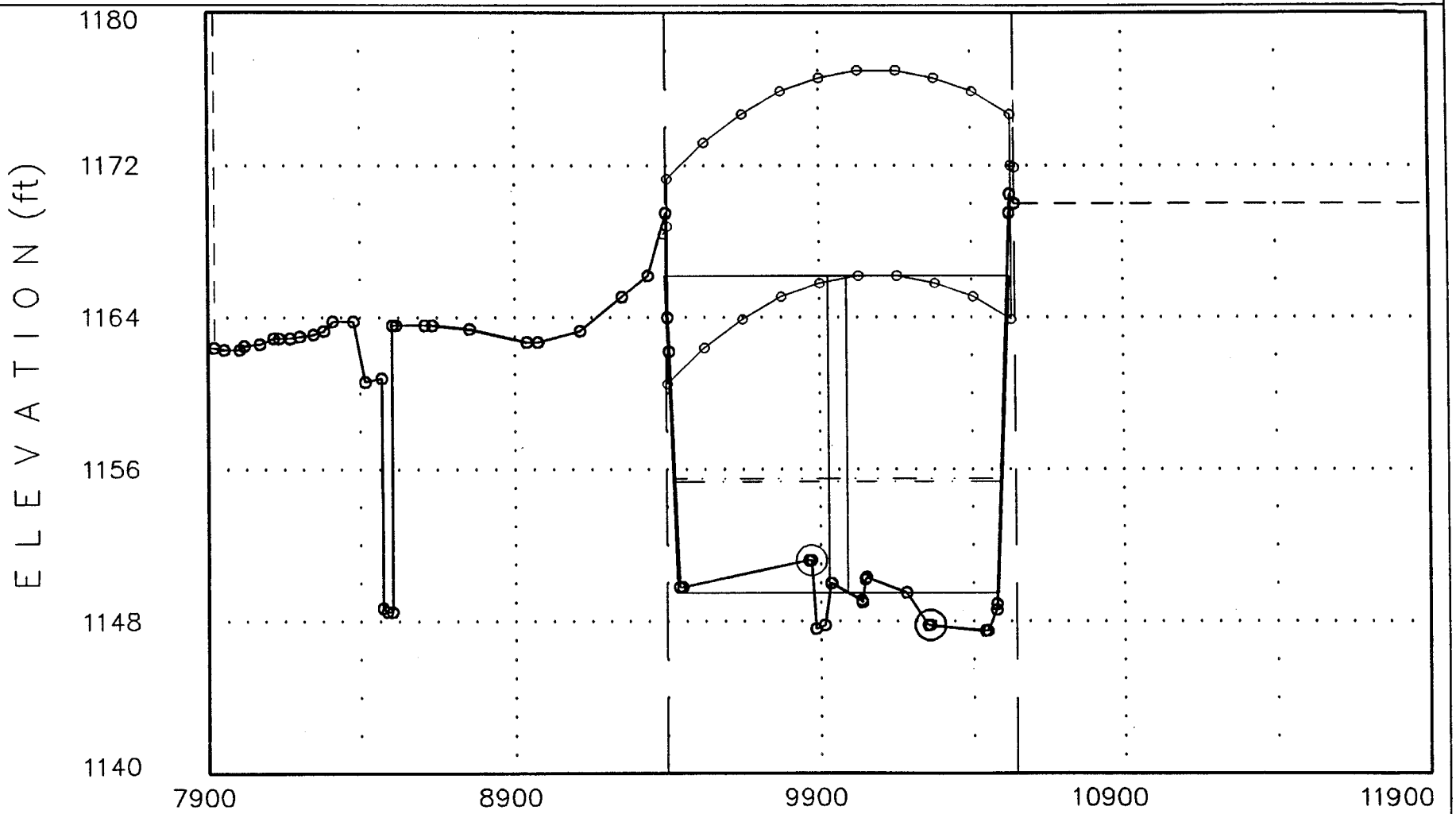
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 18.978: (FN = TEST.O) >>>>>>

Q1= 37500cfs WS1= 1155.36
Q2= 37500cfs WS2= 1155.51

Manning-n Values: LOB: .045 CH: .035 ROB: .05



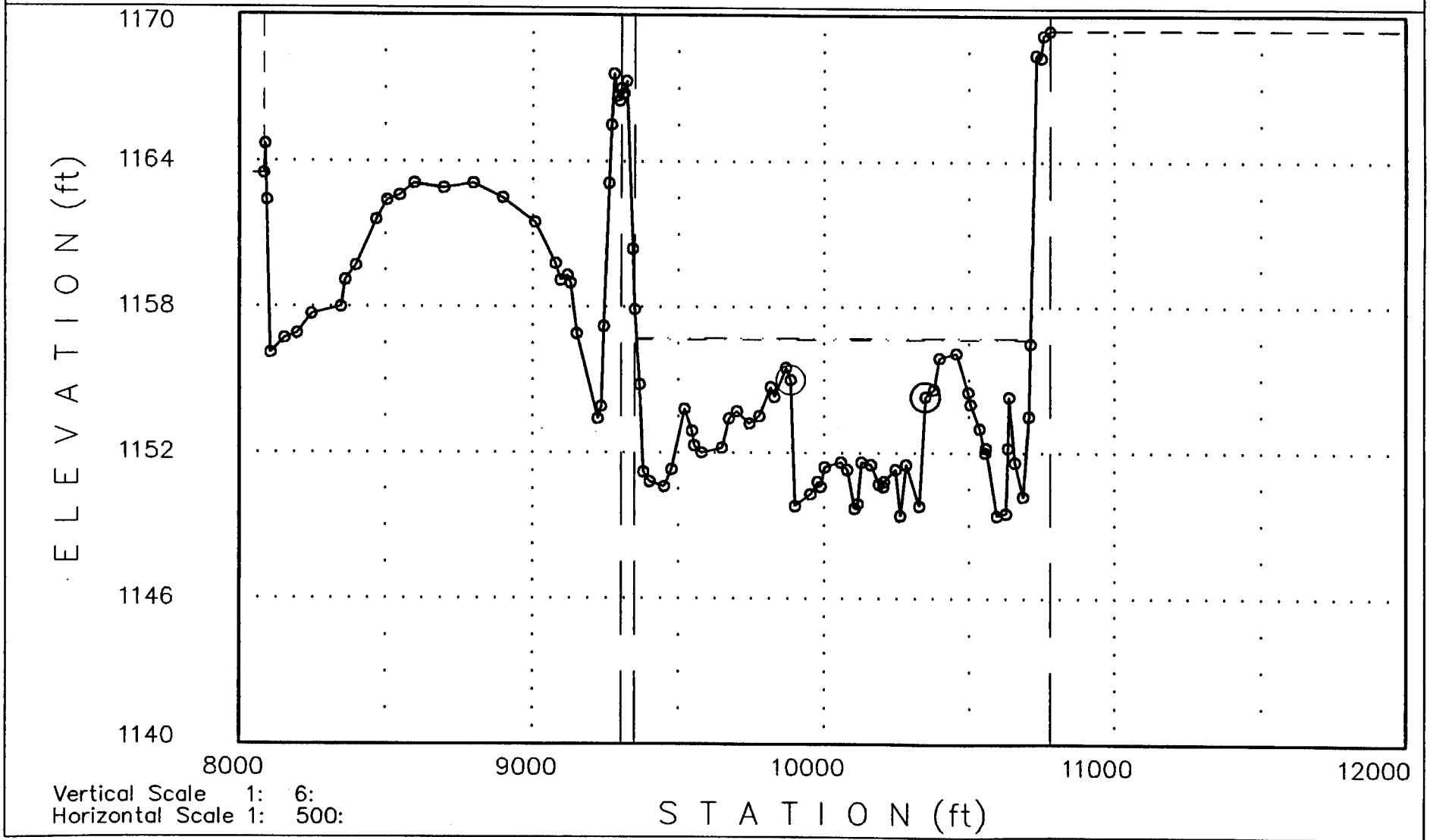
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

10-11-1996

<<<<<< Cross Section: 19.066: (FN = TEST1020.0) >>>>>>

Q1= 37500cfs WS1= 1156.66
Q2= 37500cfs WS2= 1156.72

Manning-n Values: LOB: .045 CH: .035 ROB: .045



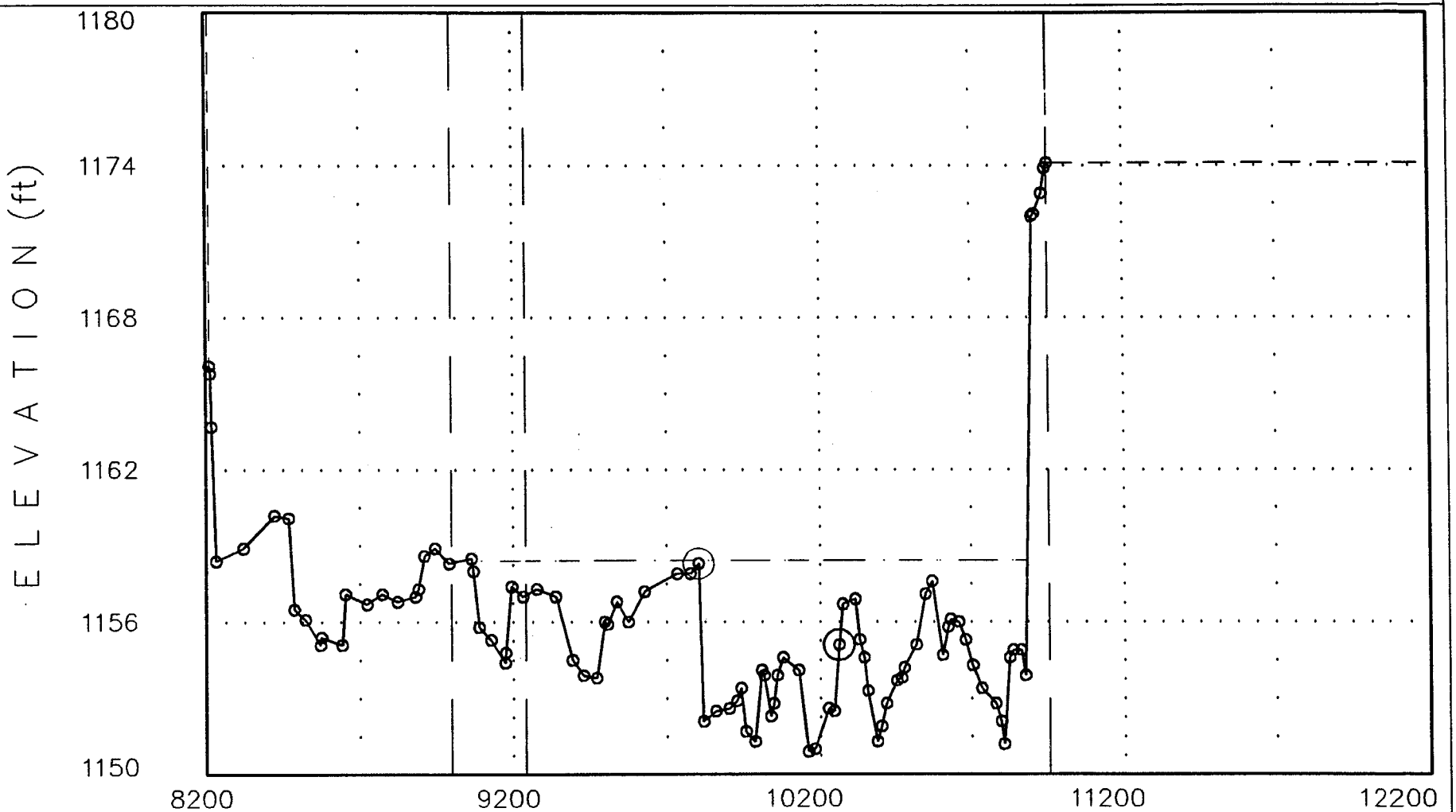
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-20-1996

<<<<<< Cross Section: 19.162: (FN = TEST1020.0) >>>>>>

Q1= 37500cfs WS1= 1158.42
Q2= 37500cfs WS2= 1158.42

Manning-n Values: LOB: .045 CH: .035 ROB: .045



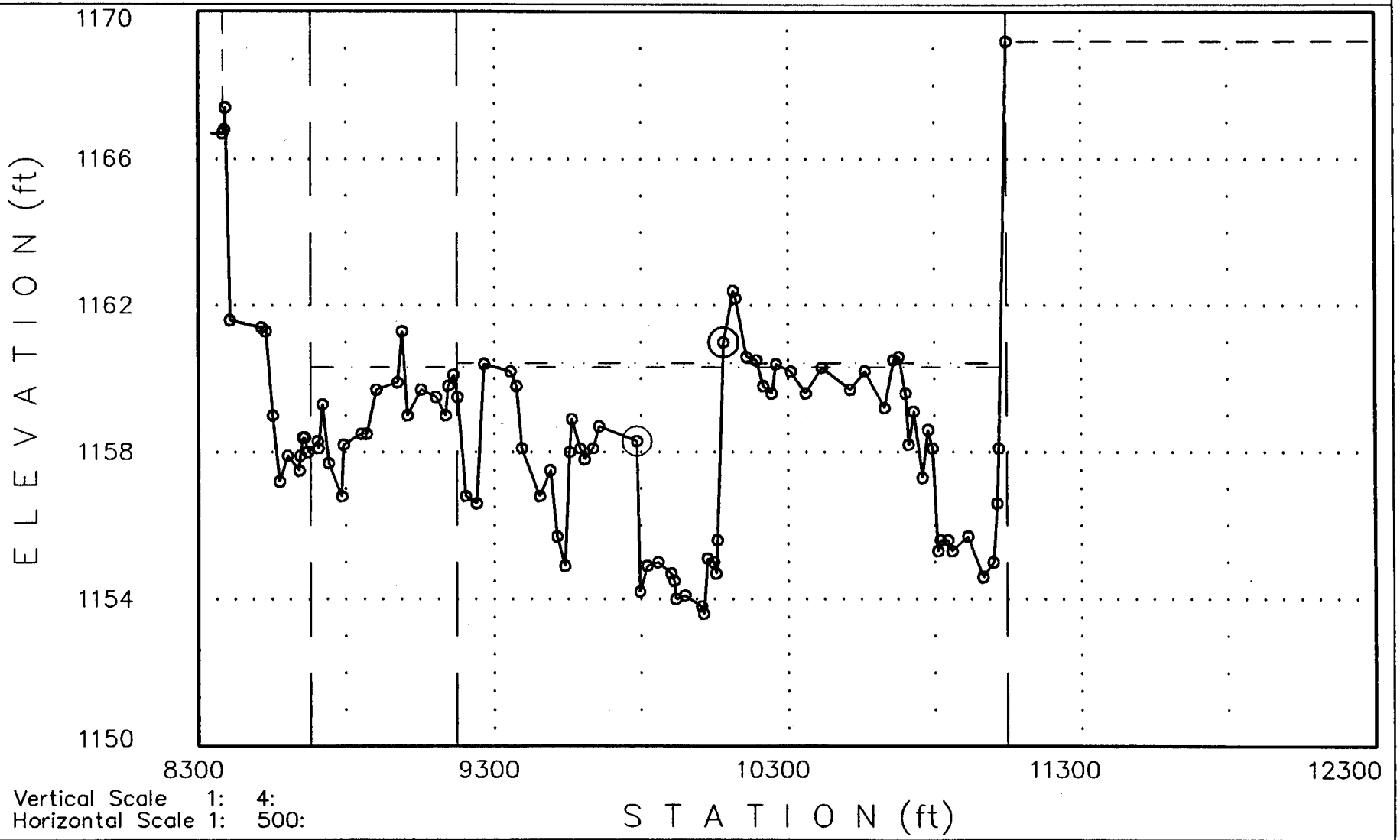
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

10-20-1996

<<<<<< Cross Section: 19.256: (FN = TEST1020.0) >>>>>>

Q1= 37500cfs WS1= 1160.32
Q2= 37500cfs WS2= 1160.43

Manning-n Values: LOB: .045 CH: .035 ROB: .045



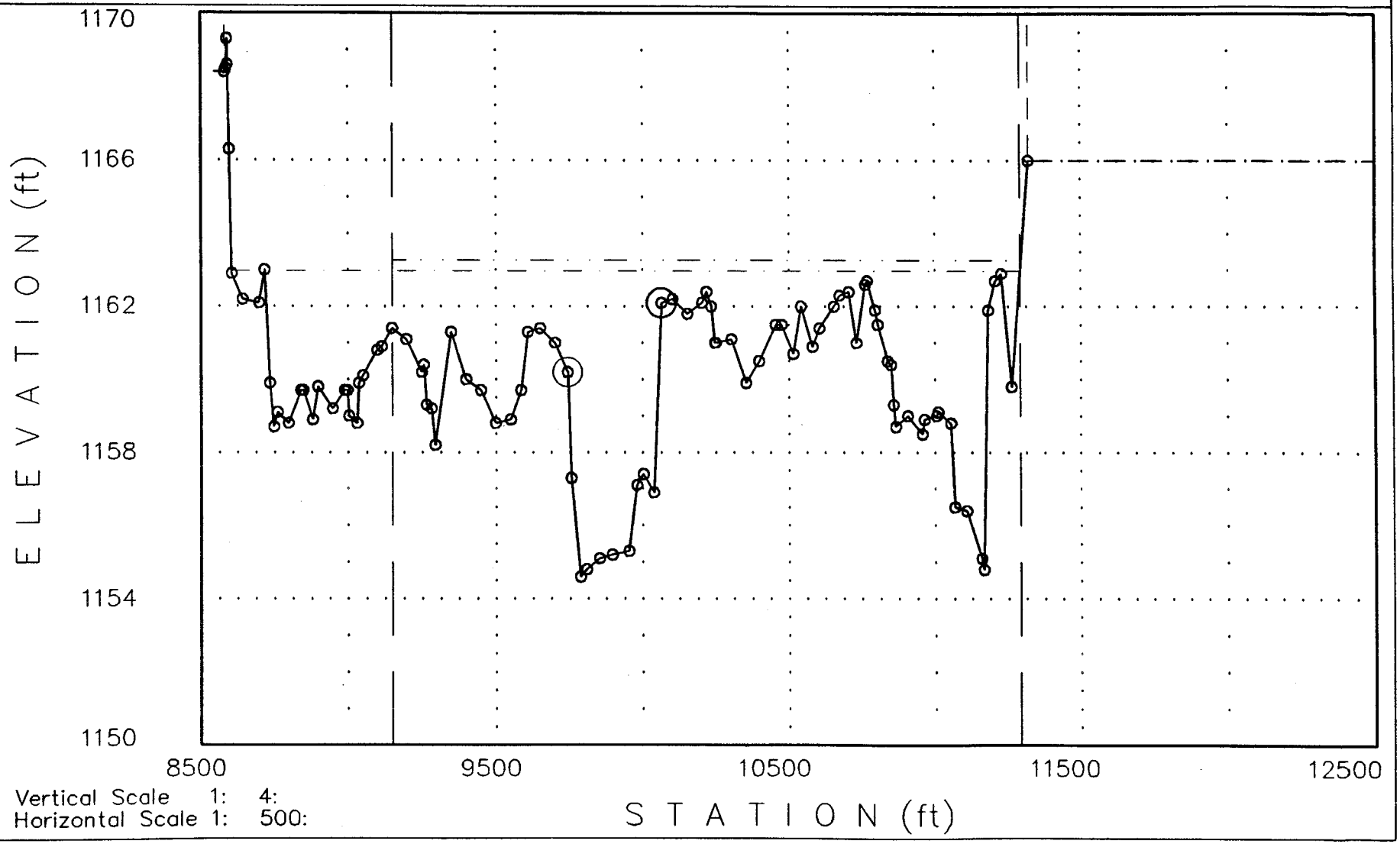
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

10-20-1996

<<<<<< Cross Section: 19.352: (FN = TEST1020.0) >>>>>>

Q1= 37500cfs WS1= 1162.98
Q2= 37500cfs WS2= 1163.27

Manning-n Values: LOB: .045 CH: .035 ROB: .045



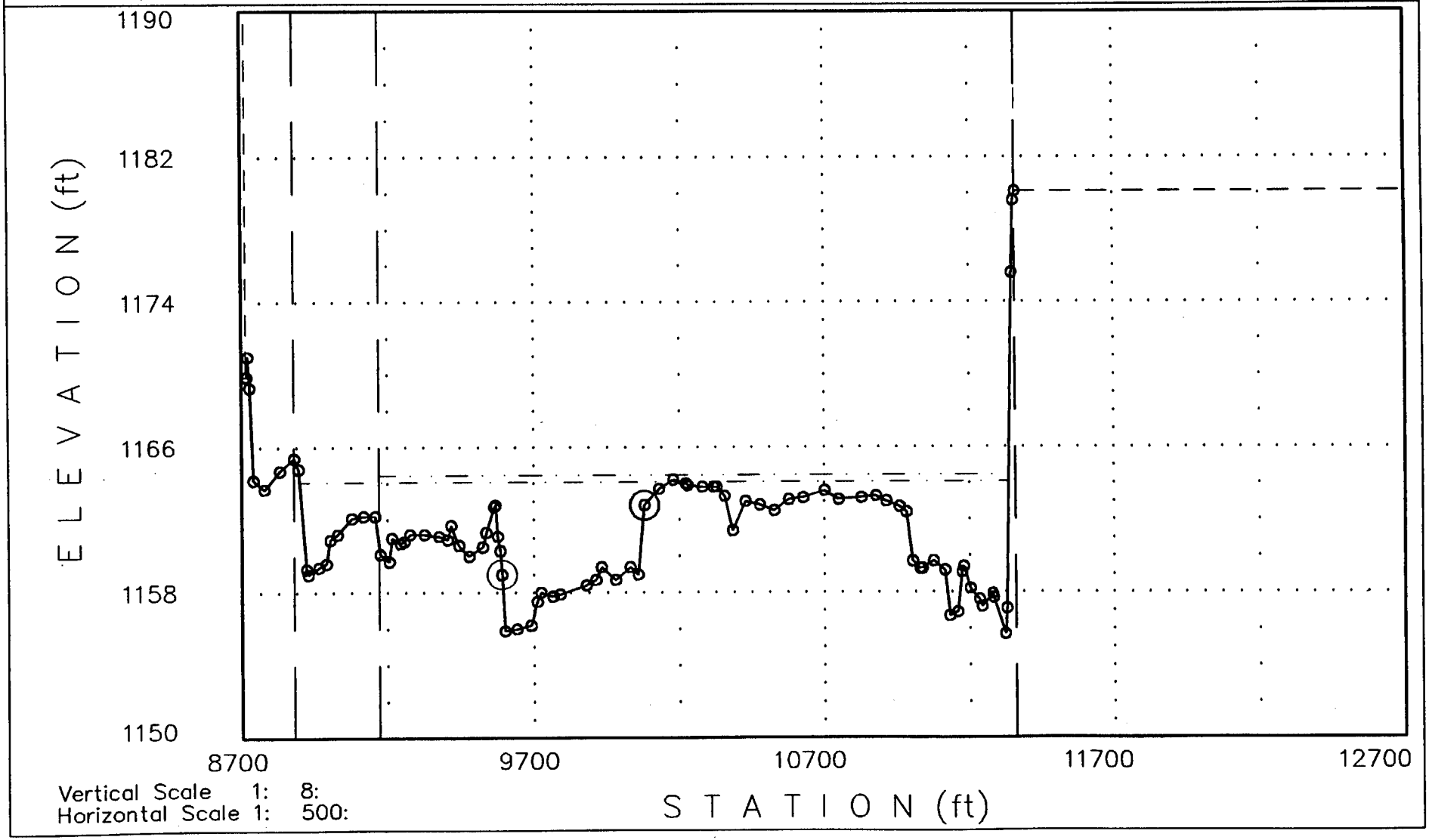
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

10-20-1996

<<<<<< Cross Section: 19.446: (FN = TEST1020.0) >>>>>>

Q1= 37500cfs WS1= 1164.08
Q2= 37500cfs WS2= 1164.46

Manning-n Values: LOB: .045 CH: .035 ROB: .045



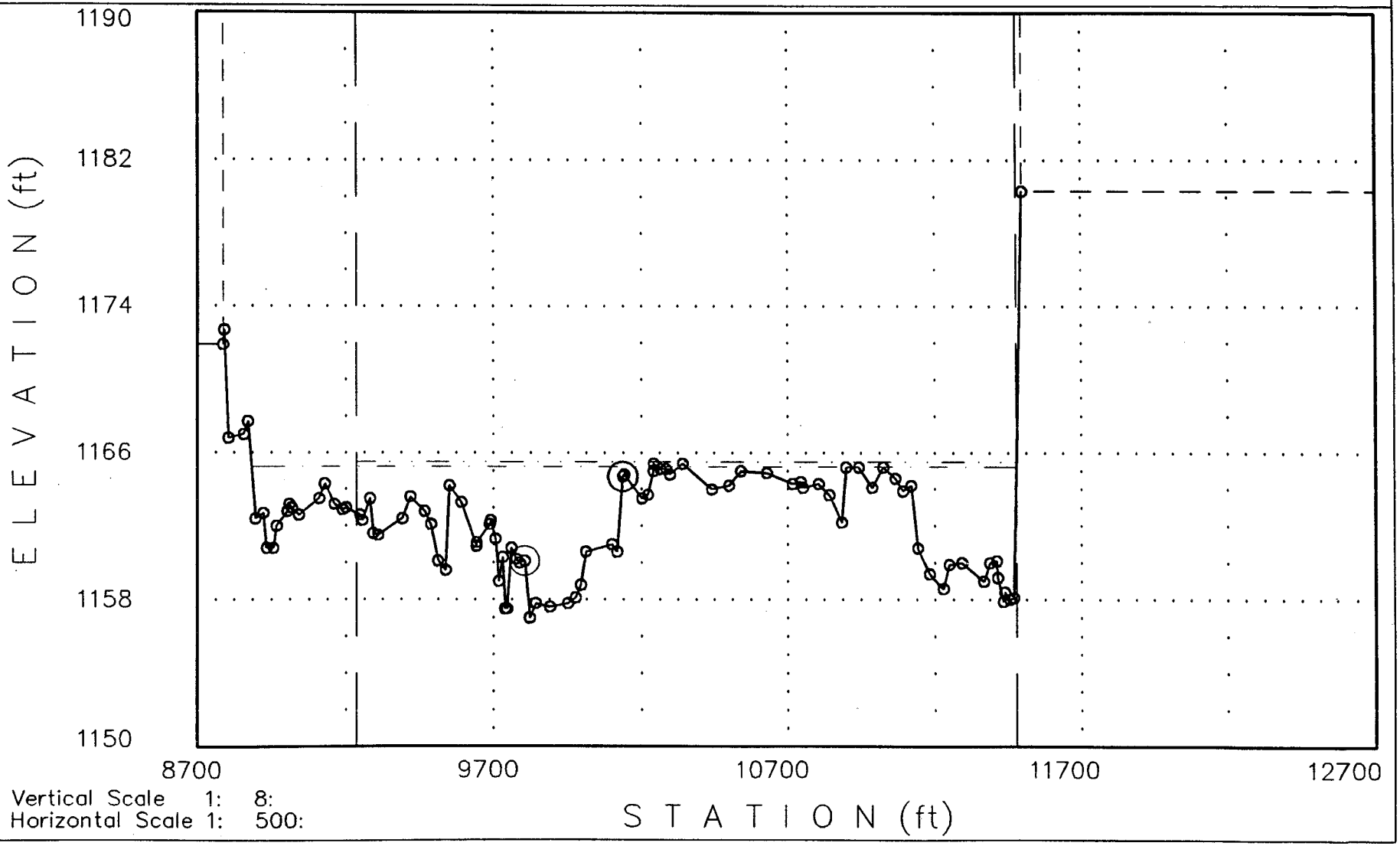
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

10-20-1996

<<<<<< Cross Section: 19.542: (FN = TEST1020.0) >>>>>>

Q1= 37500cfs WS1= 1165.24
Q2= 37500cfs WS2= 1165.5

Manning-n Values: LOB: .045 CH: .035 ROB: .045



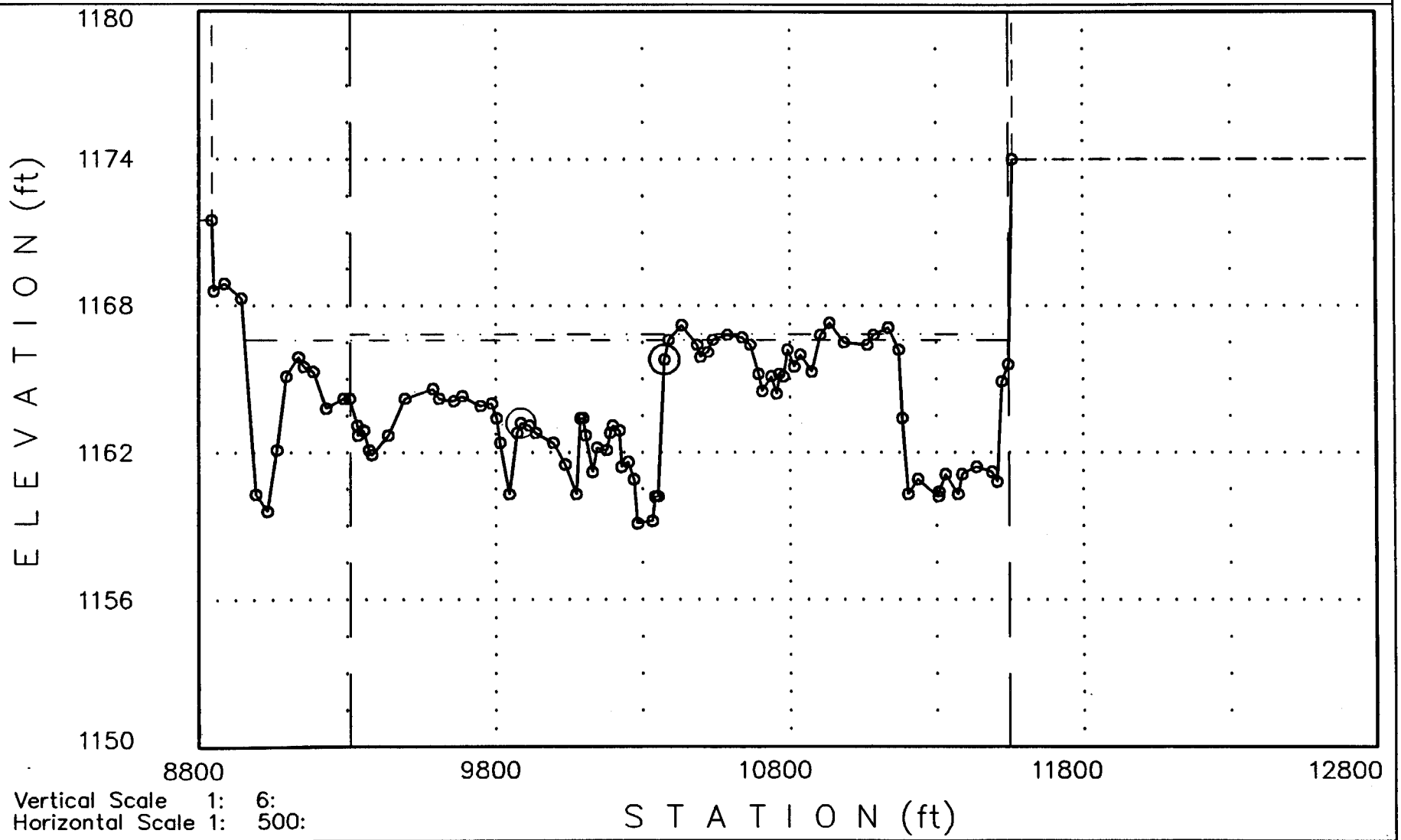
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

10-20-1996

<<<<<< Cross Section: 19.635: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1166.6
Q2= 37500cfs WS2= 1166.83

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

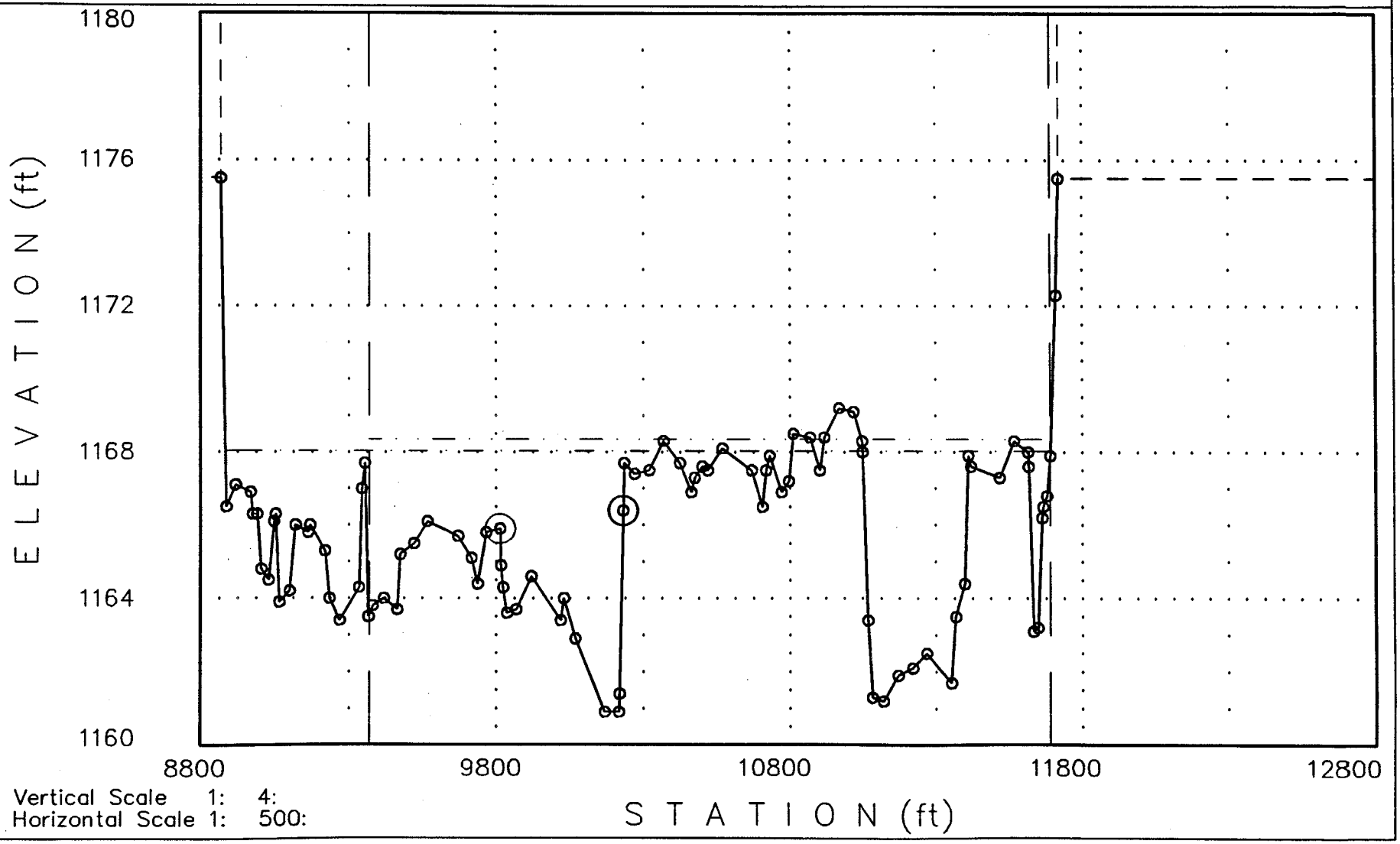
09-12-1996

<<<<<< Cross Section: 19.732: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1168.03

Q2= 37500cfs WS2= 1168.35

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 4:

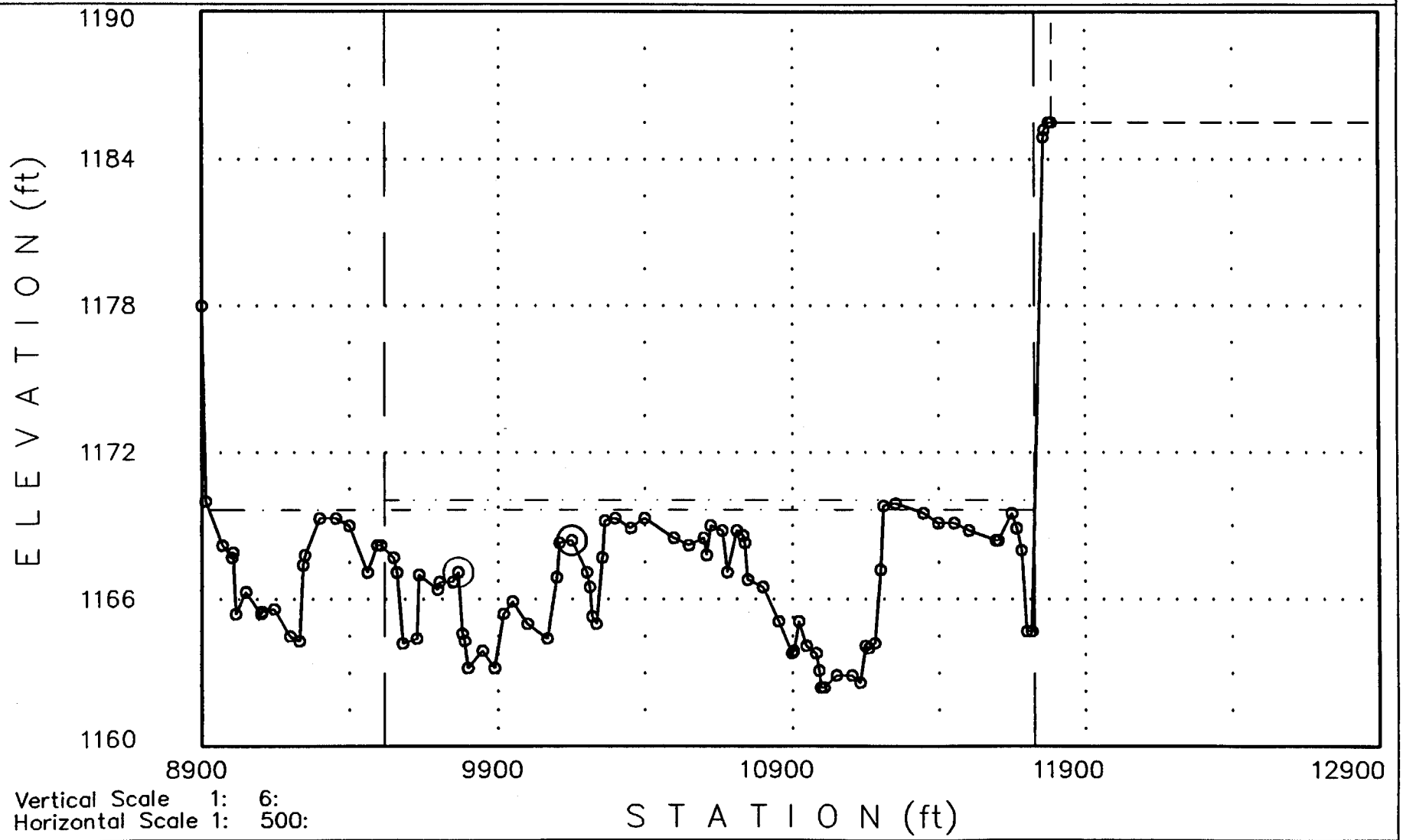
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 19.827: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1169.65
Q2= 37500cfs WS2= 1170.05

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

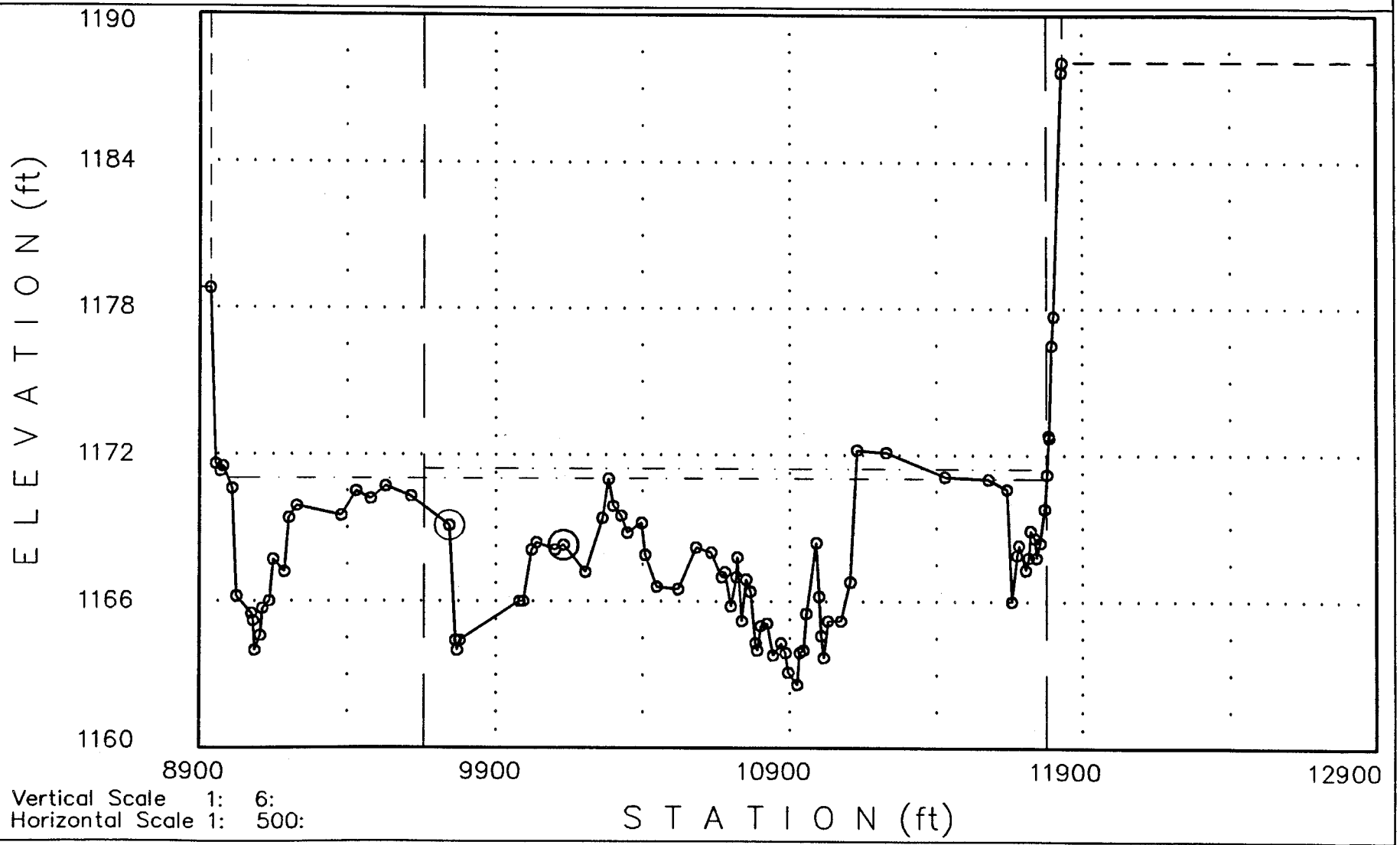
09-12-1996

<<<<<< Cross Section: 19.92: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1171.03

Q2= 37500cfs WS2= 1171.44

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:

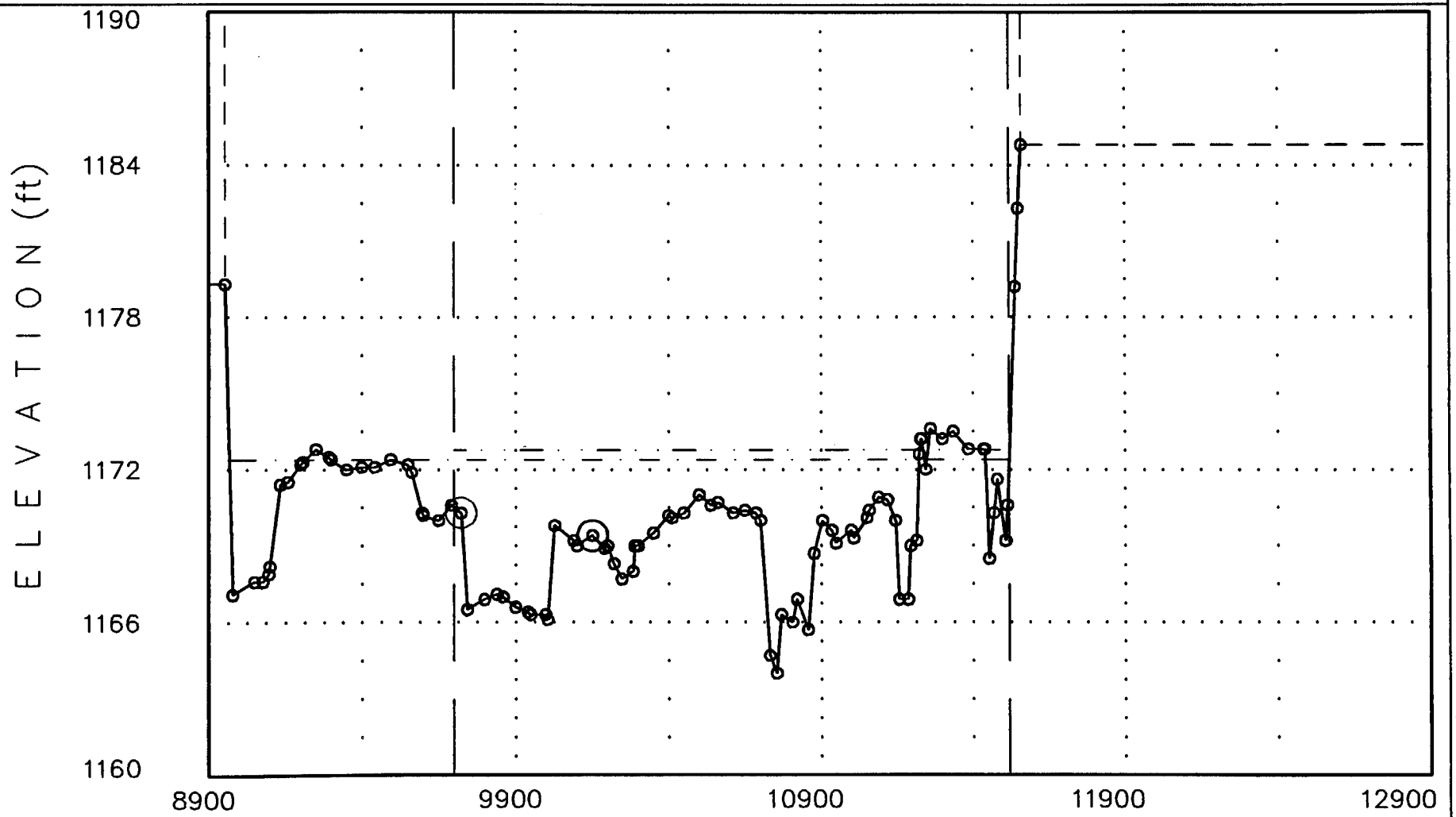
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.015: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1172.4
Q2= 37500cfs WS2= 1172.78

Manning-n Values: LOB: .045 CH: .035 ROB: .045



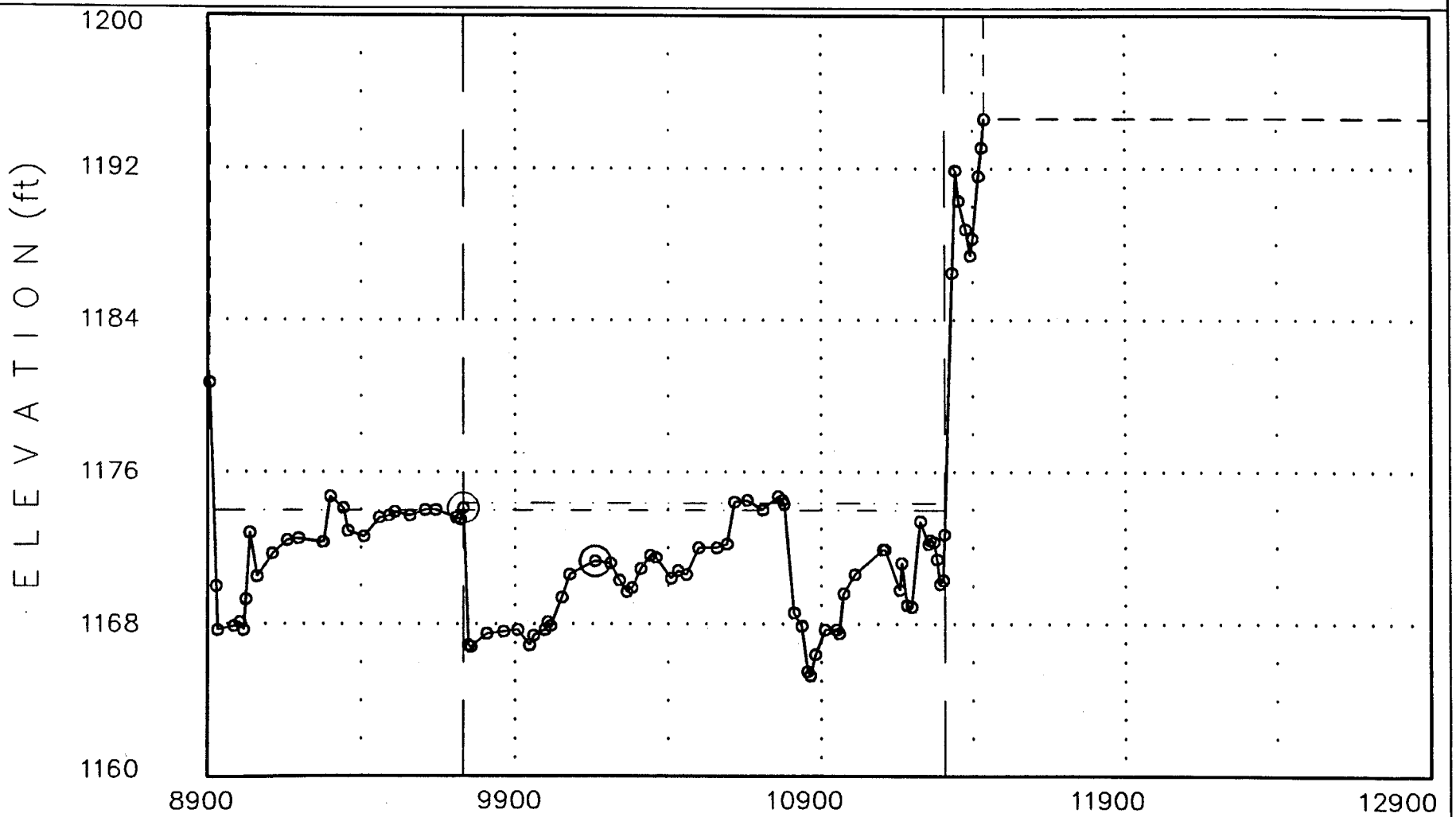
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.111: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1173.99
Q2= 37500cfs WS2= 1174.35

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 8:
Horizontal Scale 1: 500:

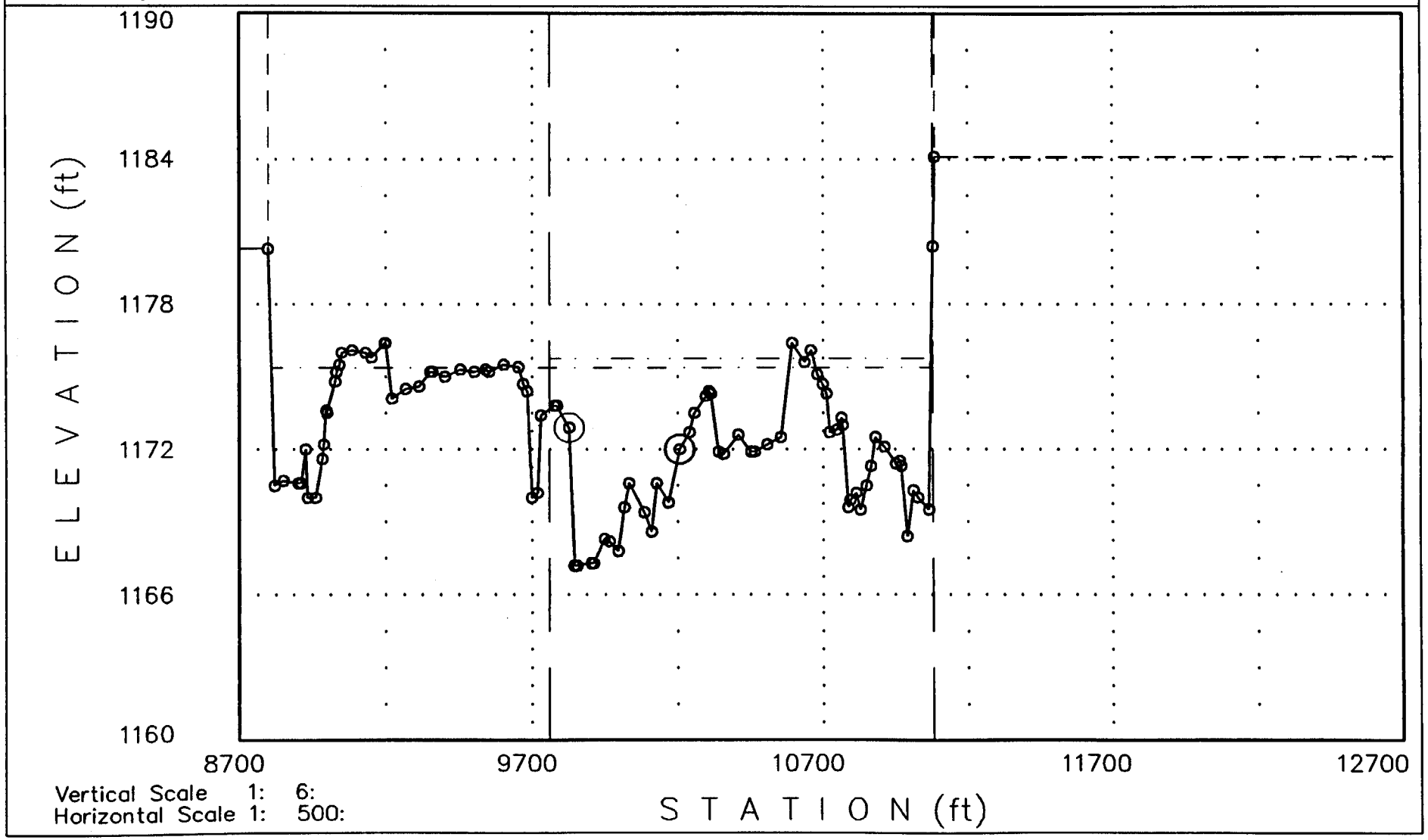
09-12-1996

<<<<<< Cross Section: 20.207: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1175.37

Q2= 37500cfs WS2= 1175.76

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:

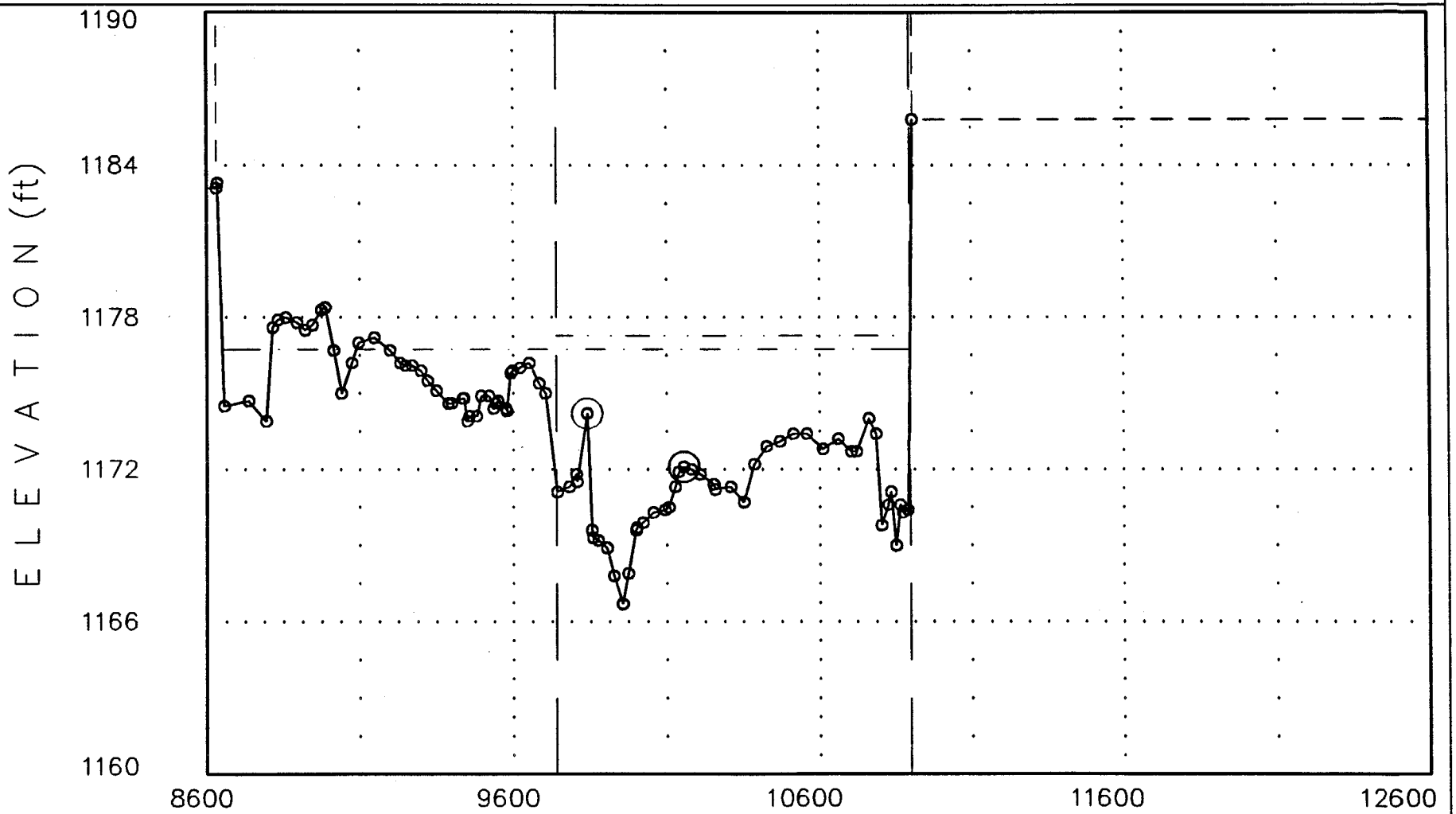
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.294: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1176.75
Q2= 37500cfs WS2= 1177.27

Manning-n Values: LOB: .045 CH: .035 ROB: .045



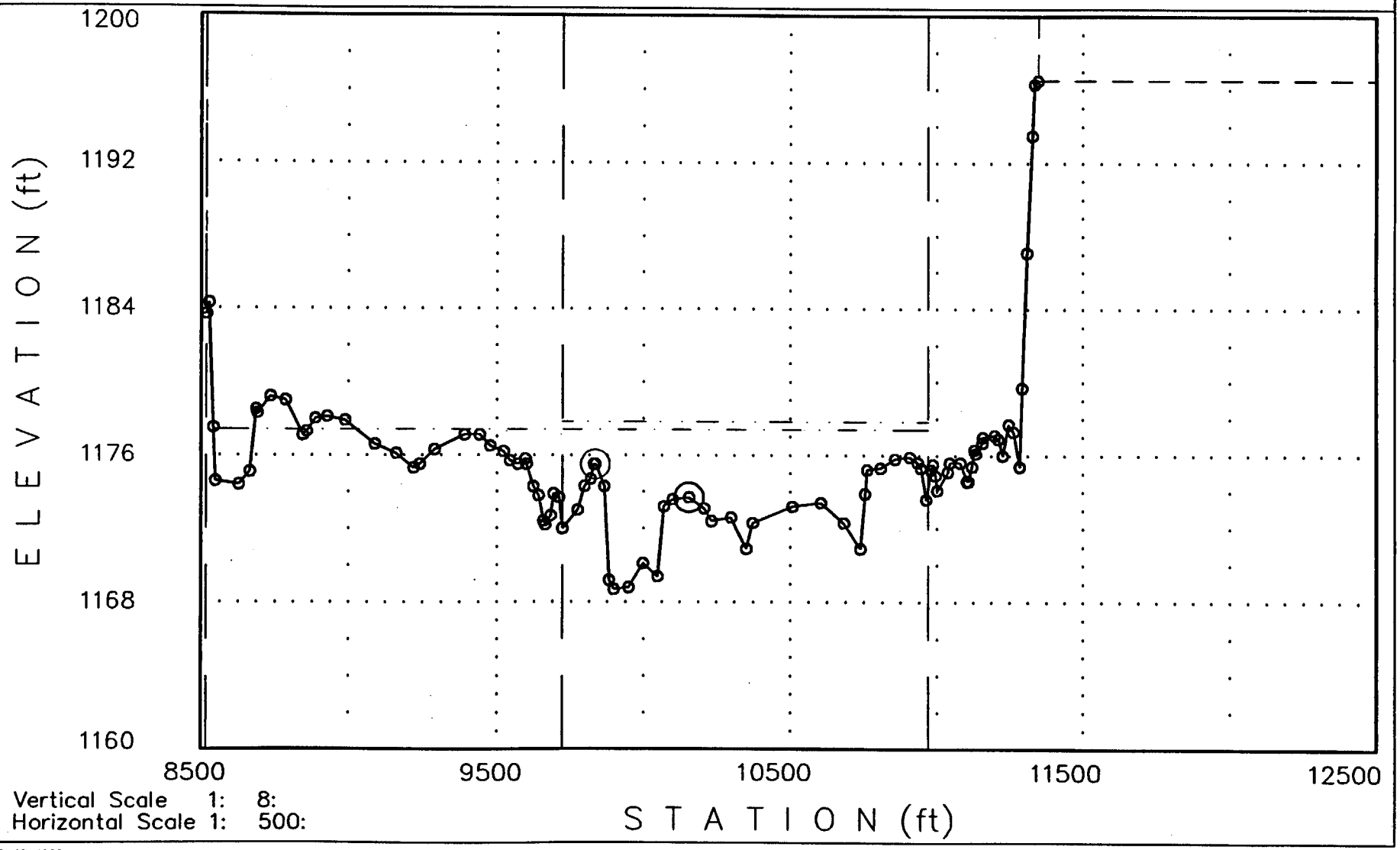
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.343: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1177.4
Q2= 37500cfs WS2= 1177.84

Manning-n Values: LOB: .045 CH: .035 ROB: .045



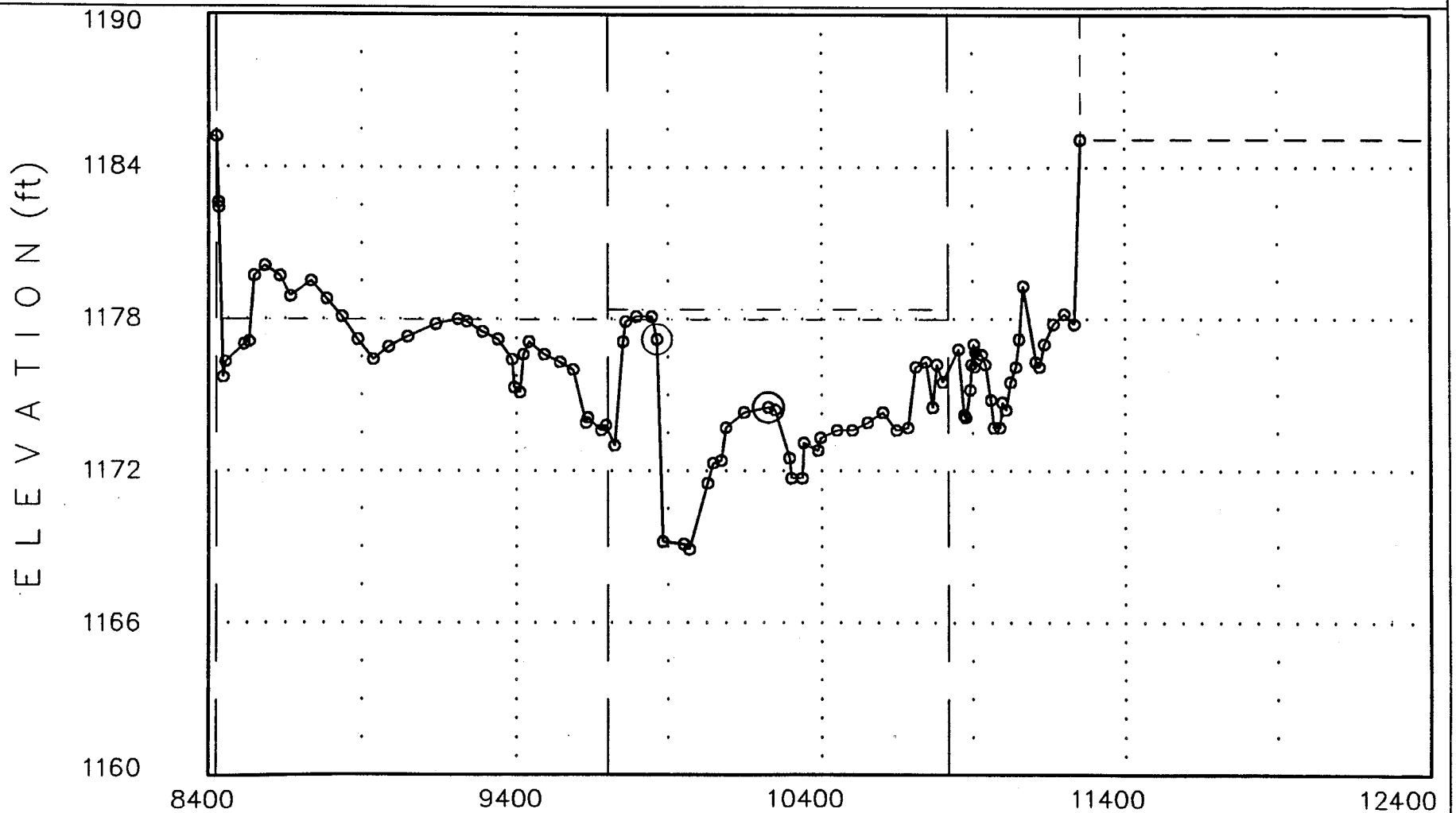
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.388: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1177.98
Q2= 37500cfs WS2= 1178.38

Manning-n Values: LOB: .045 CH: .035 ROB: .045



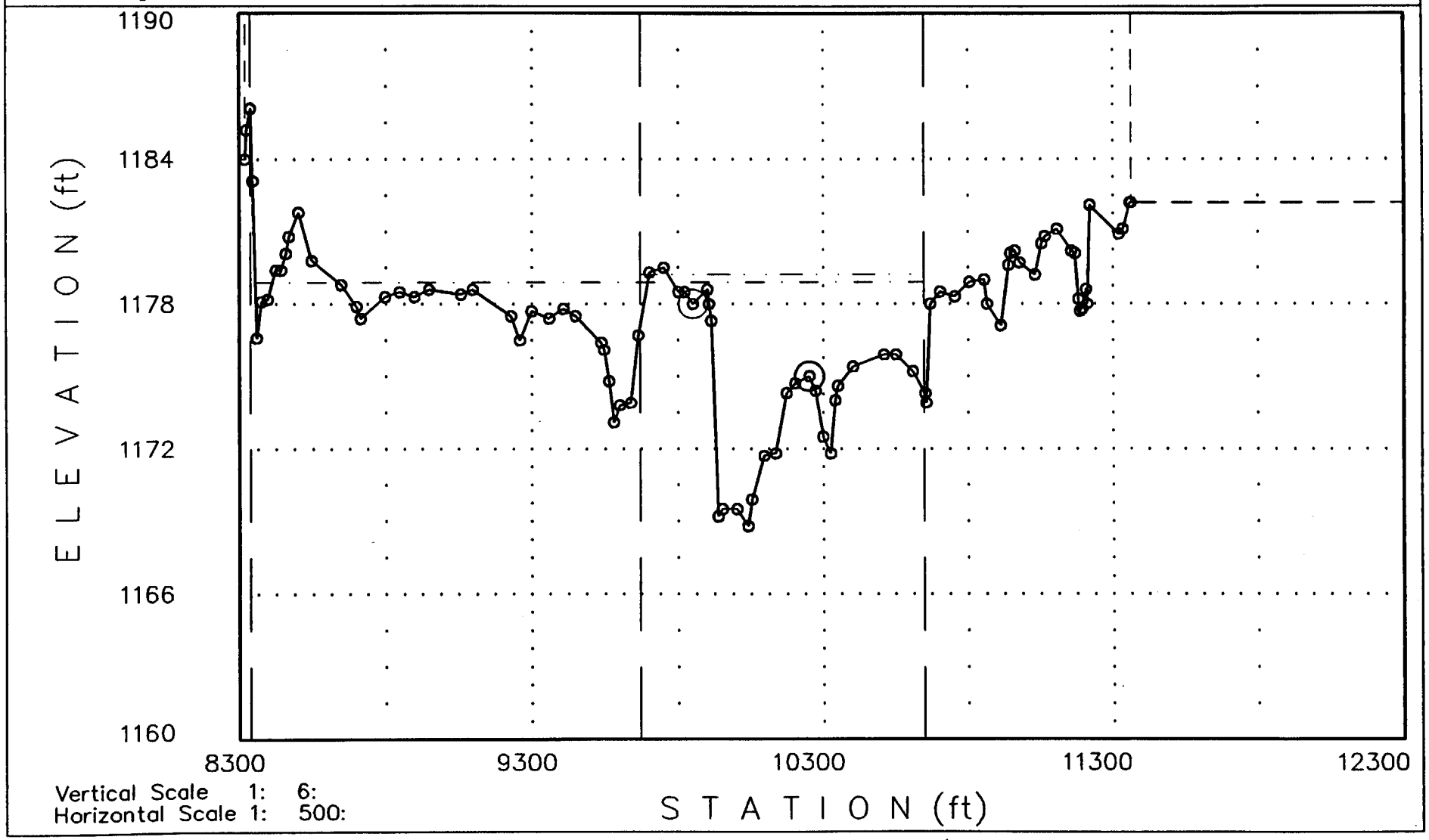
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.435: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1178.9
Q2= 37500cfs WS2= 1179.22

Manning-n Values: LOB: .045 CH: .035 ROB: .045



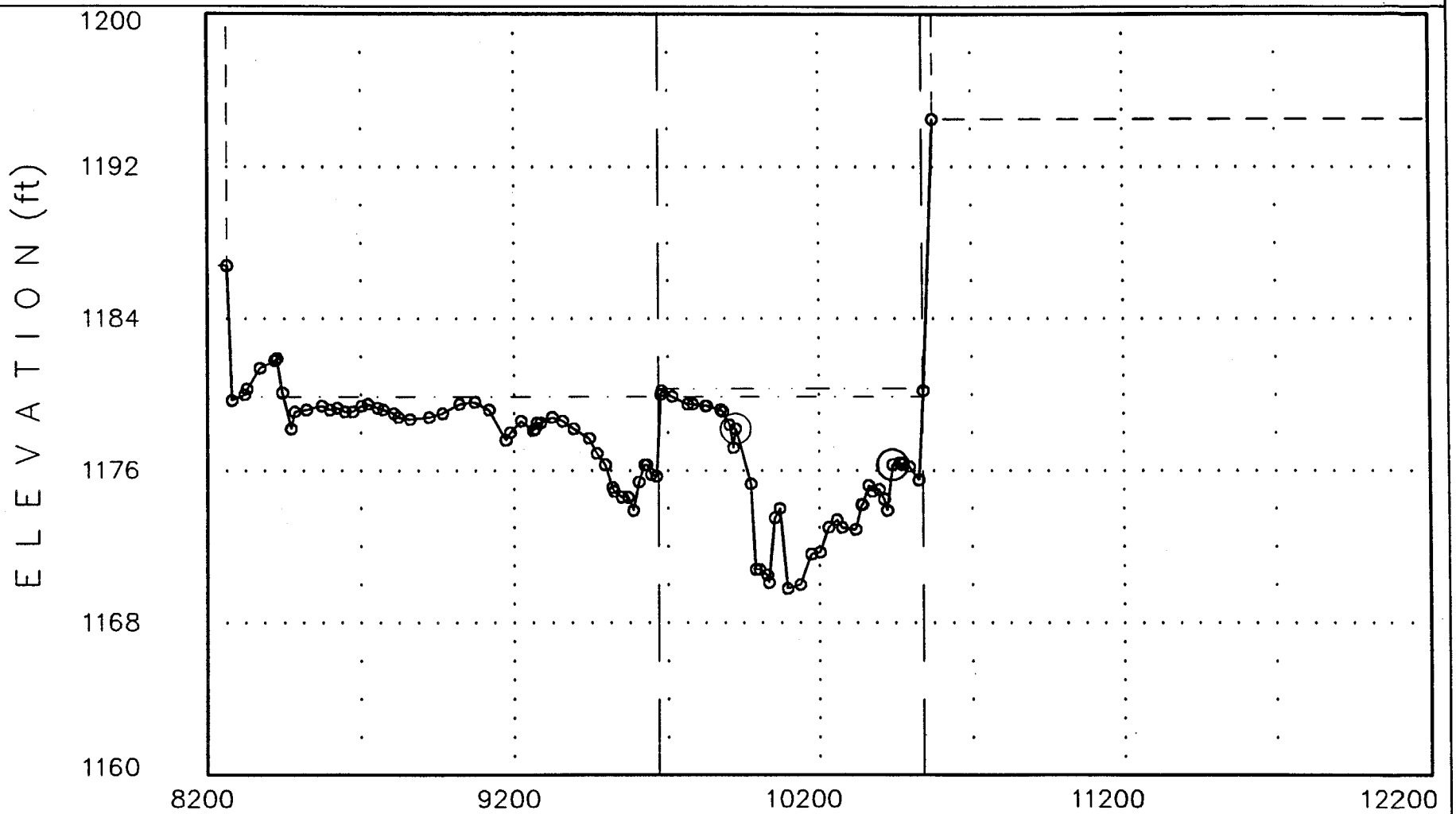
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.483: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1179.89
Q2= 37500cfs WS2= 1180.33

Manning-n Values: LOB: .045 CH: .035 ROB: .045



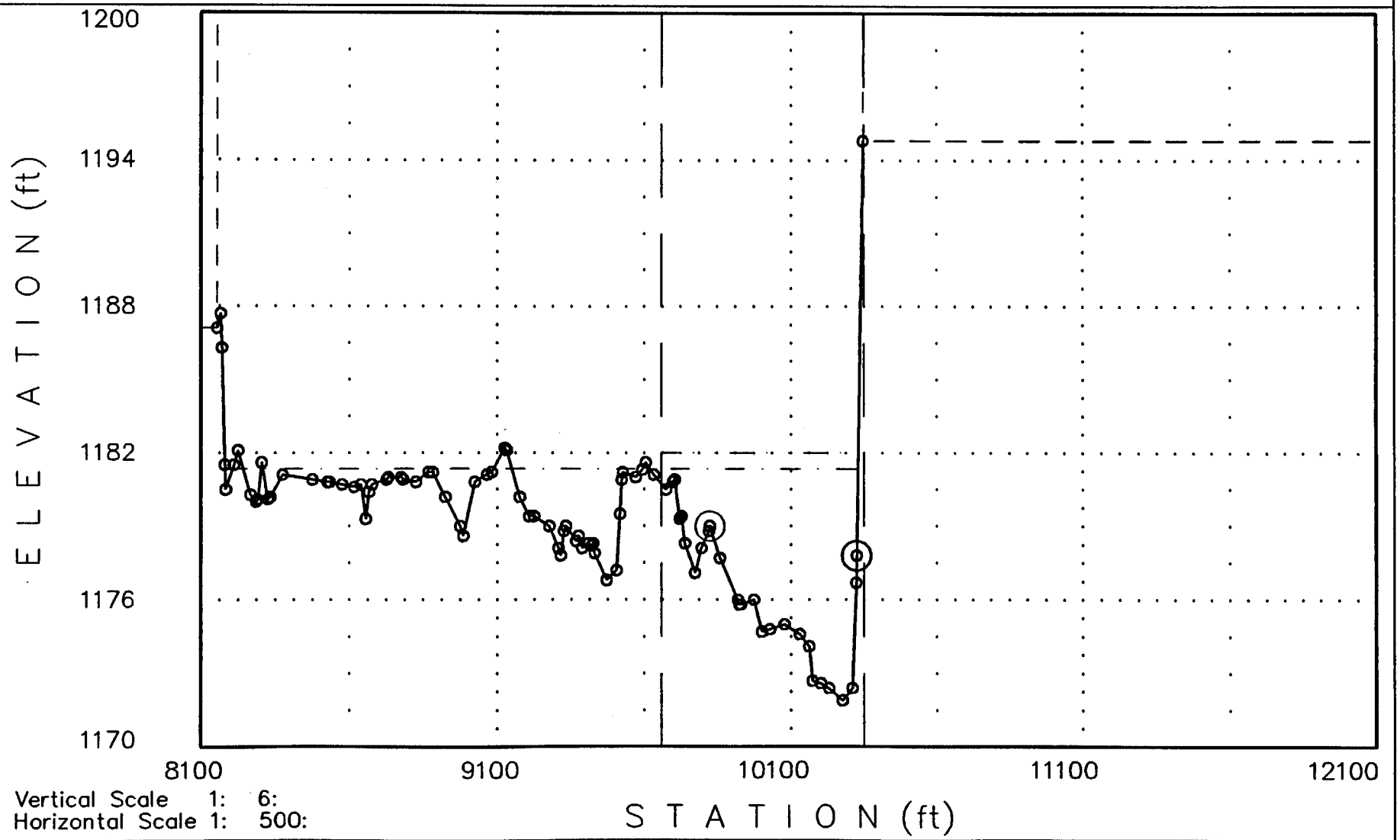
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.579: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1181.35
Q2= 37500cfs WS2= 1182.02

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

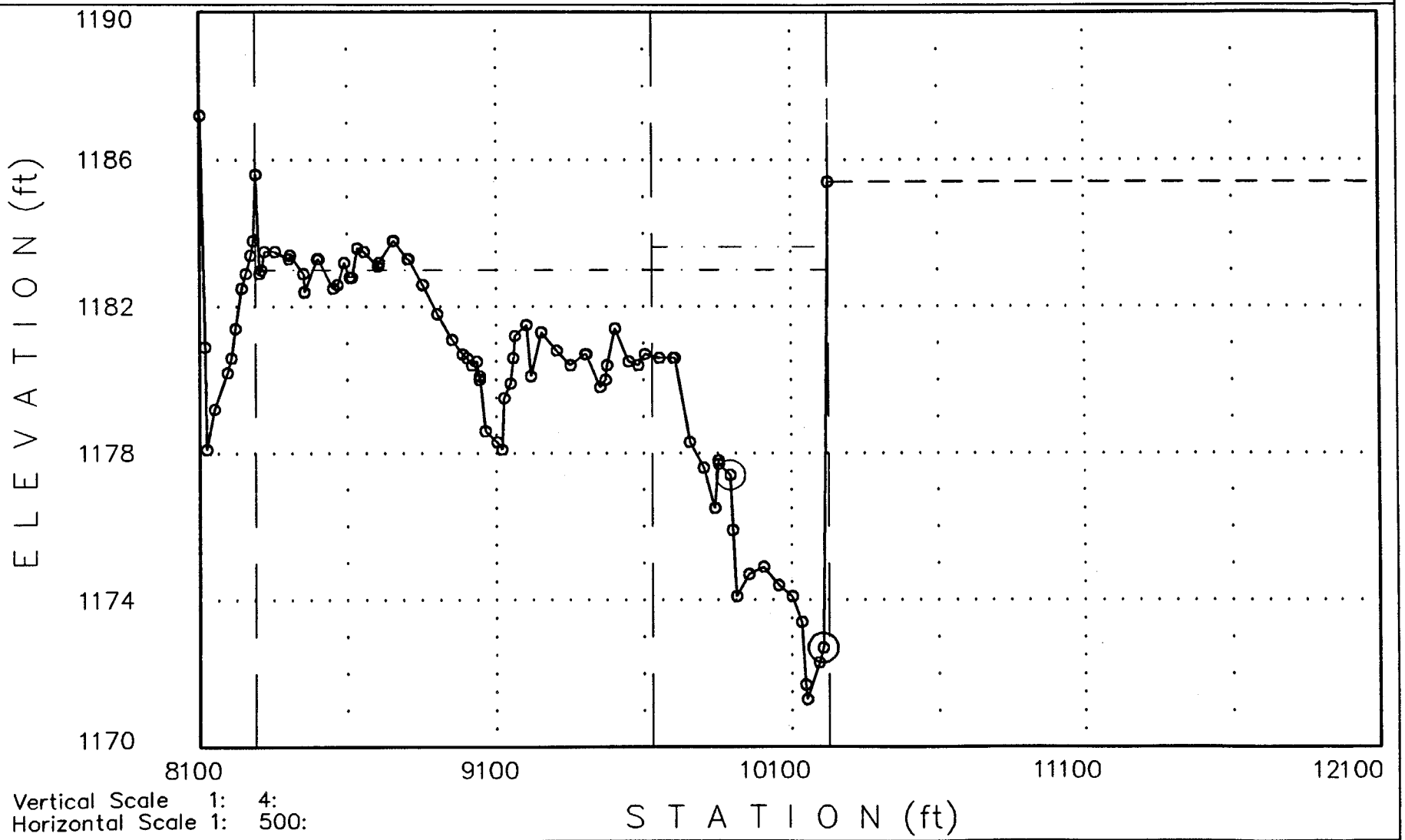
09-12-1996

<<<<<< Cross Section: 20.675: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1183

Q2= 37500cfs WS2= 1183.64

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 4:

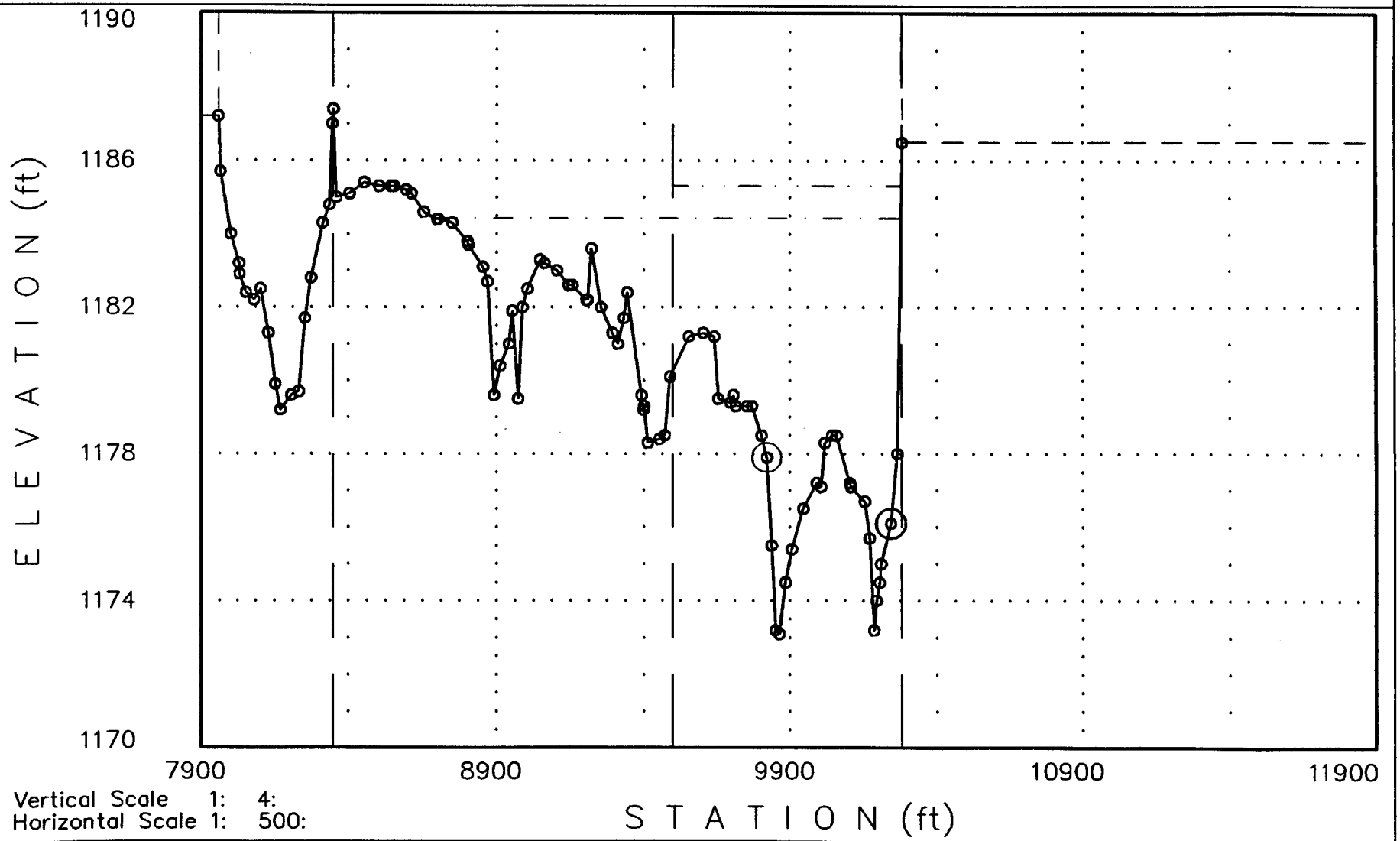
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.769: (FN = AGUAFRIA.20) >>>>>>

Q1= 37500cfs WS1= 1184.43
Q2= 37500cfs WS2= 1185.32

Manning-n Values: LOB: .045 CH: .035 ROB: .045



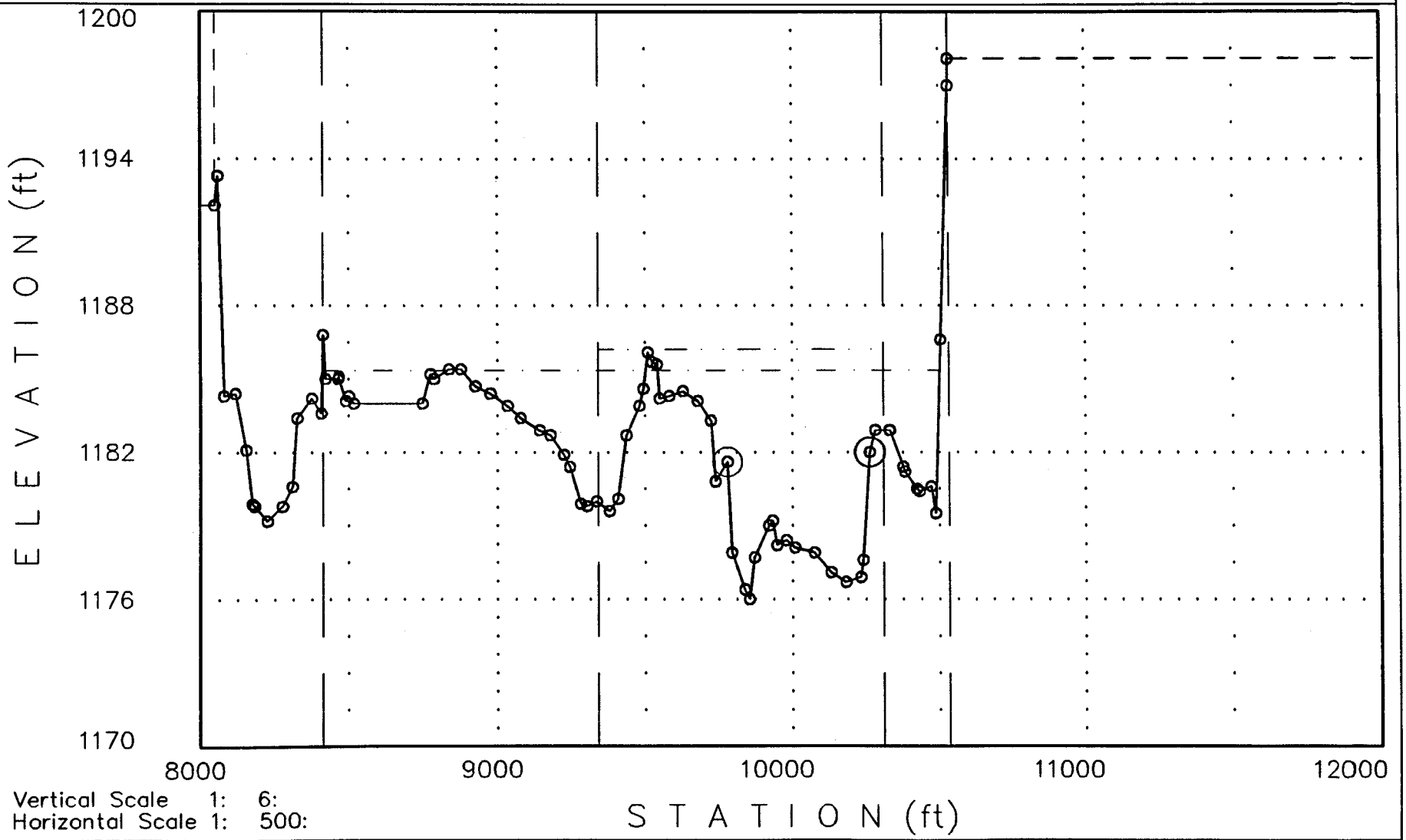
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 20.864: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1185.35
Q2= 35000cfs WS2= 1186.22

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

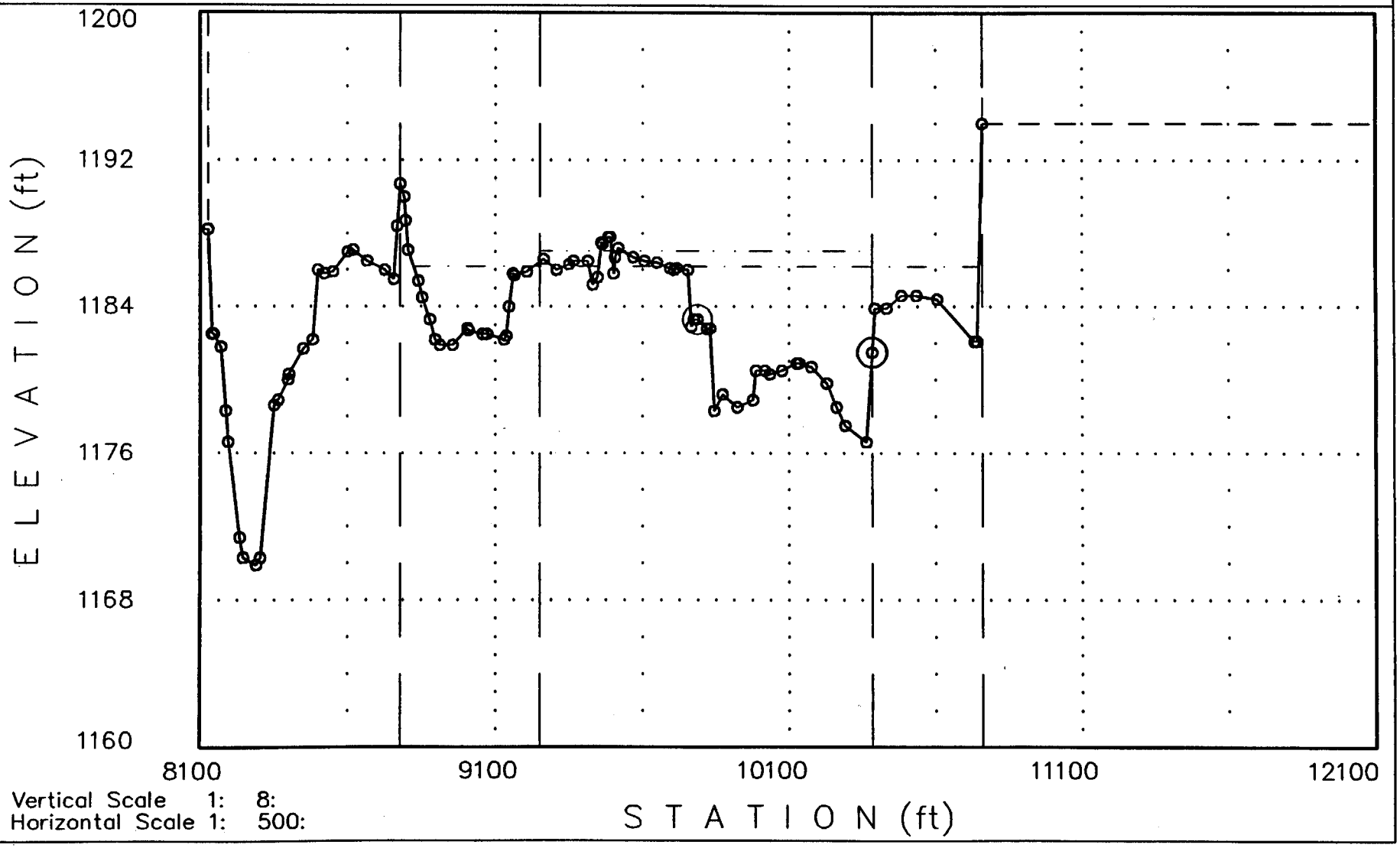
09-12-1996

<<<<<< Cross Section: 20.958: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1186.2

Q2= 35000cfs WS2= 1187.06

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 8:

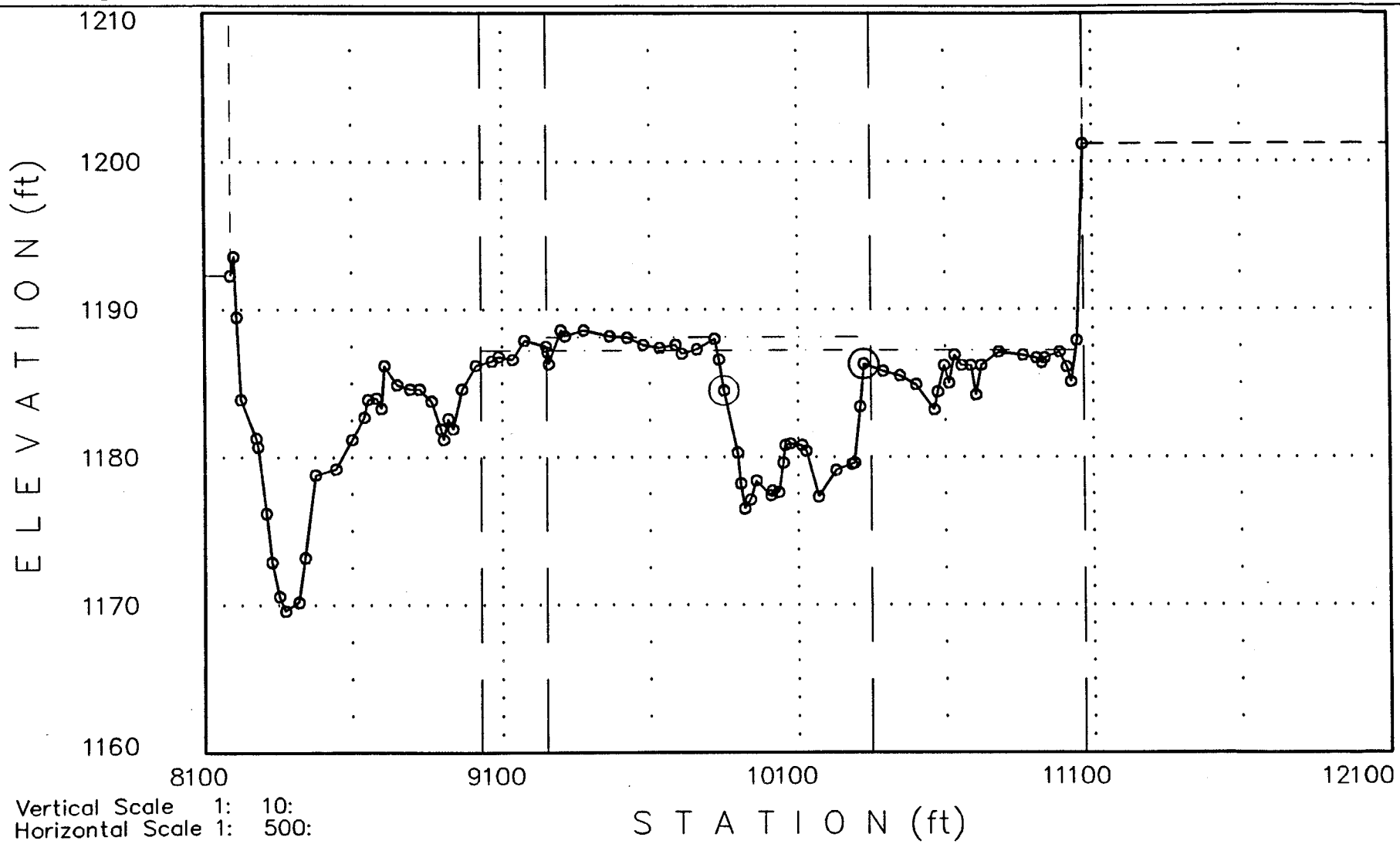
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 21.061: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1187.24
Q2= 35000cfs WS2= 1188.14

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 10:
Horizontal Scale 1: 500:

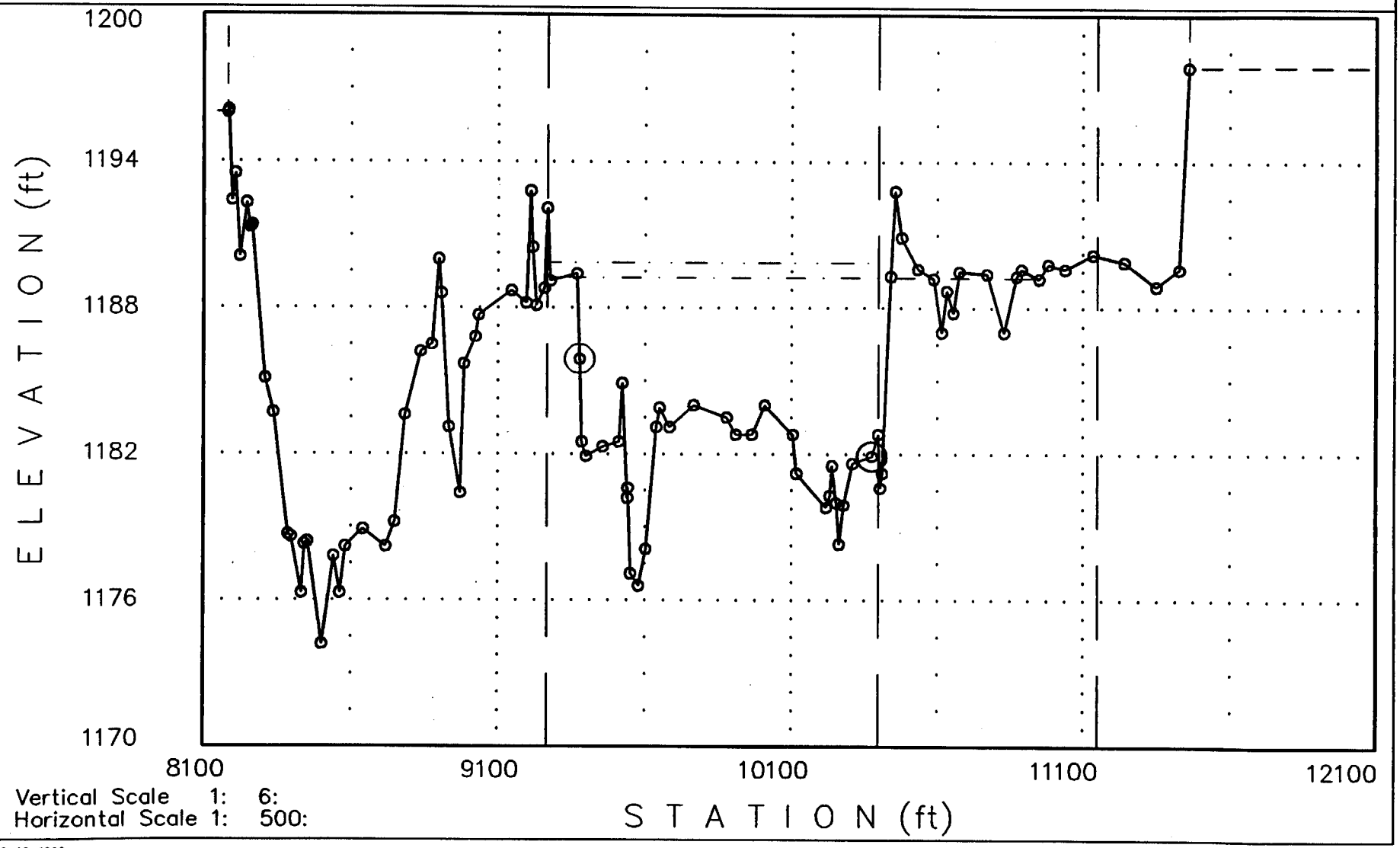
09-12-1996

<<<<<< Cross Section: 21.157: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1189.24

Q2= 35000cfs WS2= 1189.86

Manning-n Values: LOB: .055 CH: .05 ROB: .055



Vertical Scale 1: 6:

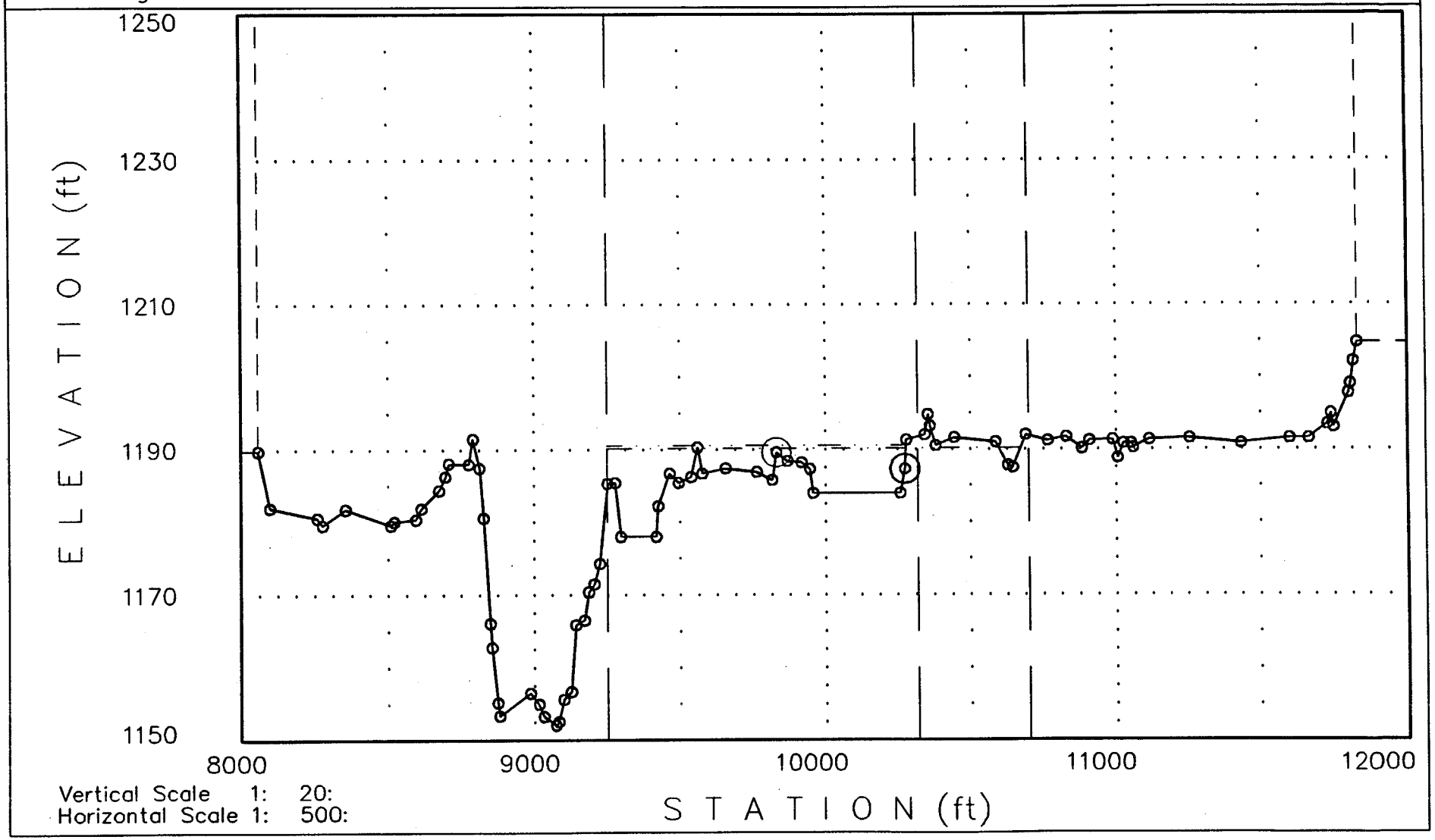
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 21.245: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1190.17
Q2= 35000cfs WS2= 1190.6

Manning-n Values: LOB: .055 CH: .05 ROB: .055



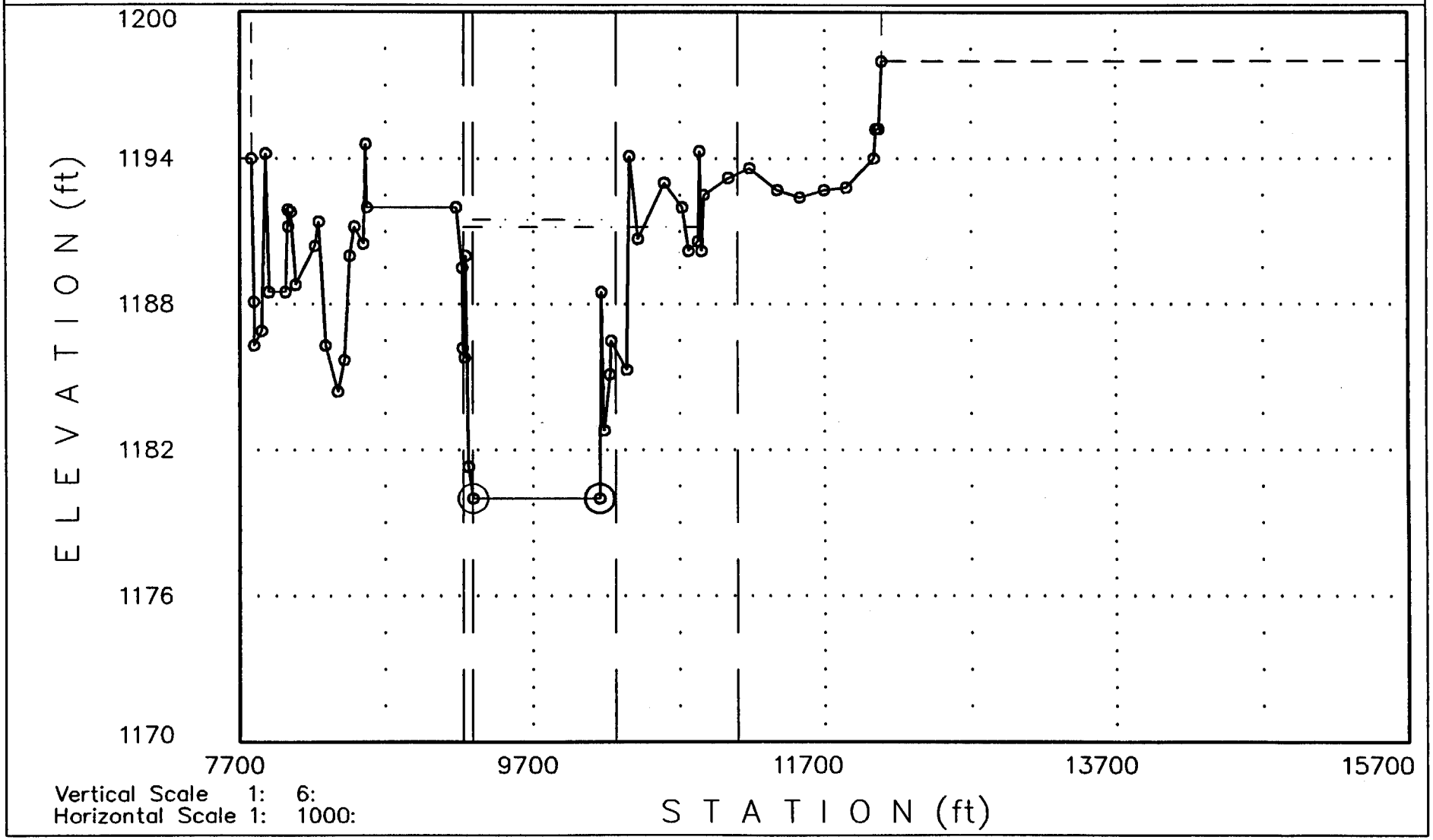
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 21.337: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1191.2
Q2= 35000cfs WS2= 1191.5

Manning-n Values: LOB: .055 CH: .05 ROB: .055



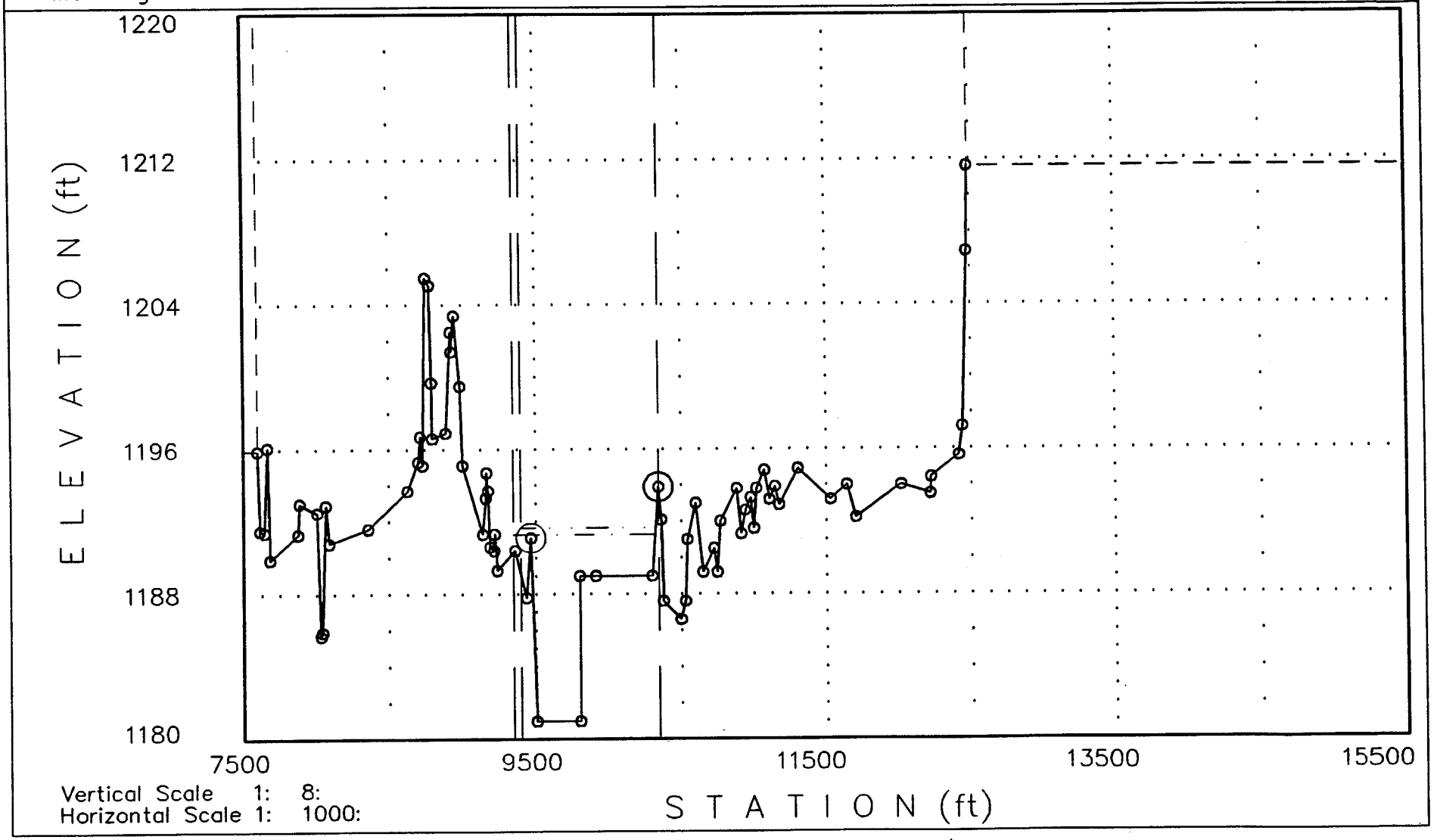
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 21.431: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1191.28
Q2= 35000cfs WS2= 1191.67

Manning-n Values: LOB: .055 CH: .05 ROB: 0



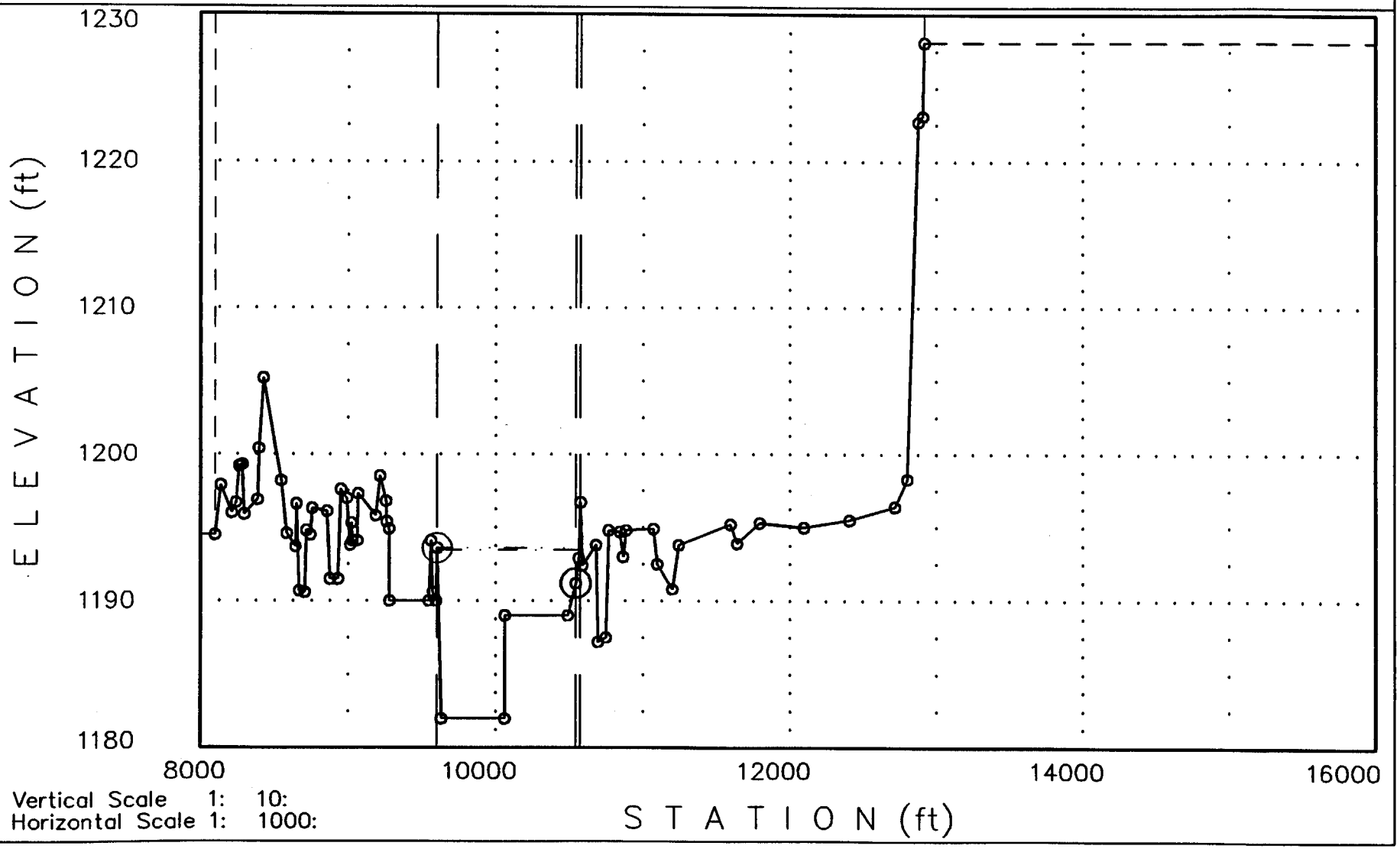
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 21.524: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1193.49
Q2= 35000cfs WS2= 1193.6

Manning-n Values: LOB: 0 CH: .05 ROB: .055



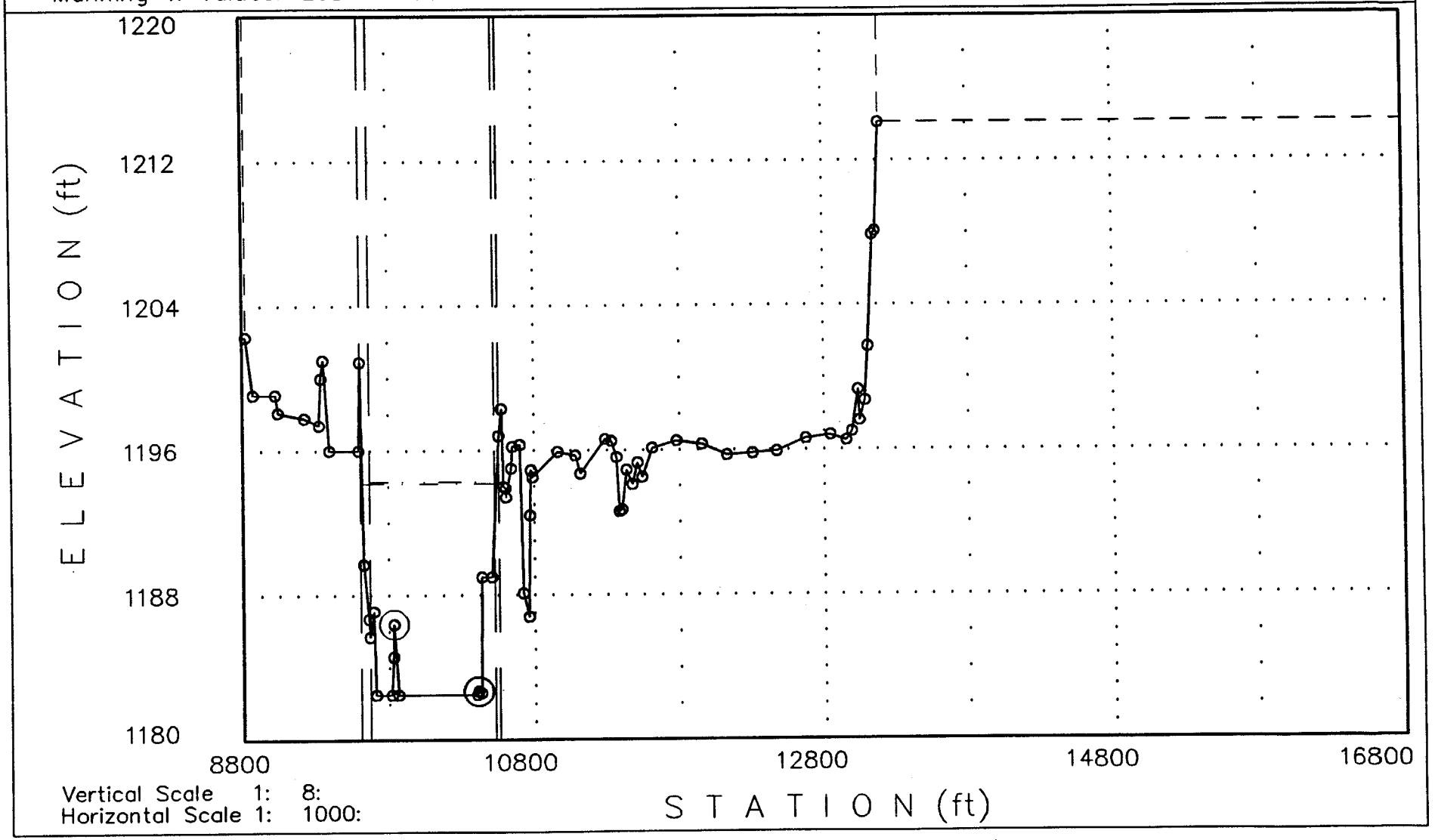
Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 21.621: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1194.18
Q2= 35000cfs WS2= 1194.27

Manning-n Values: LOB: .055 CH: .05 ROB: .055



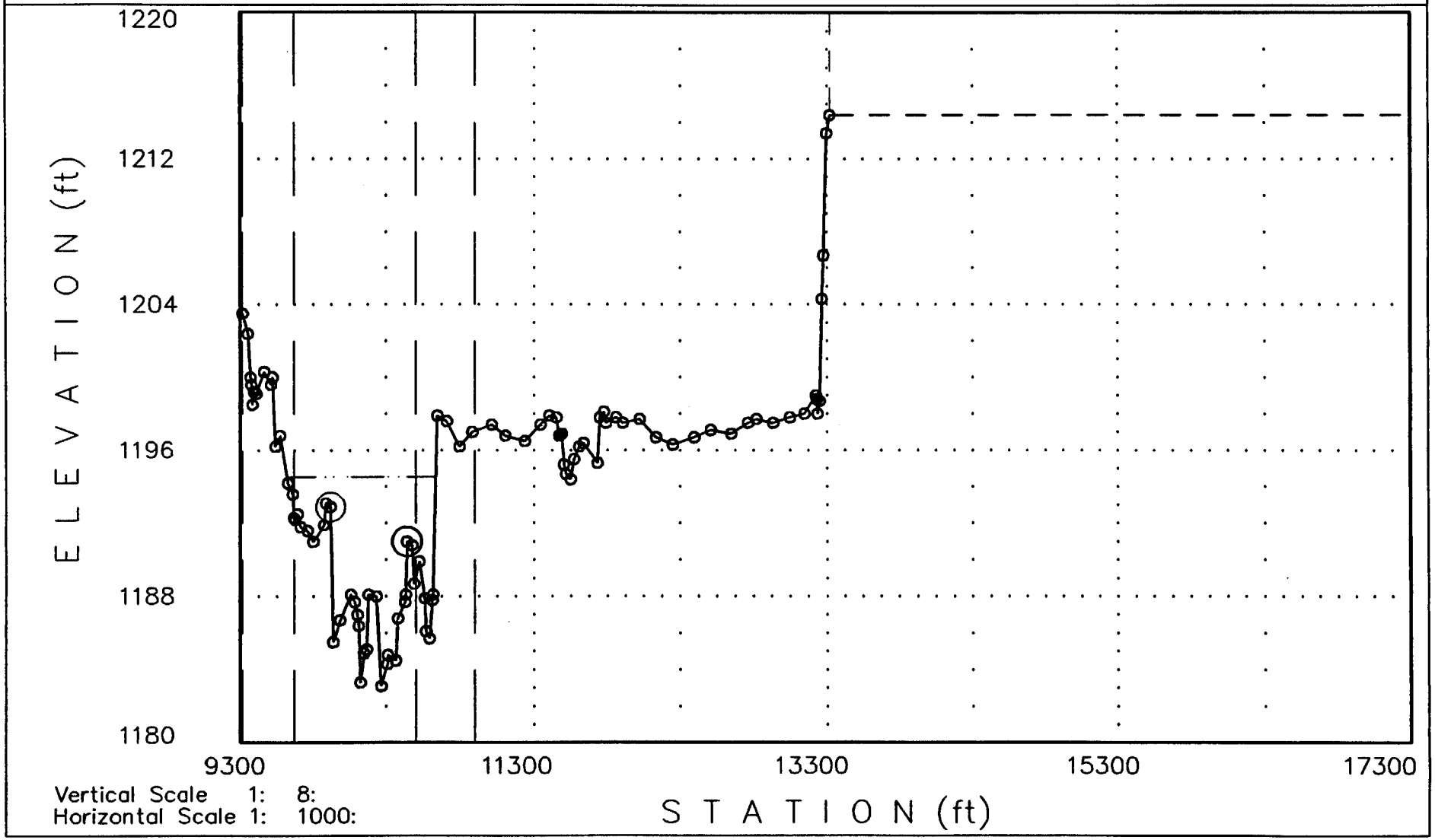
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 21.716: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1194.54
Q2= 35000cfs WS2= 1194.55

Manning-n Values: LOB: .055 CH: .05 ROB: .055



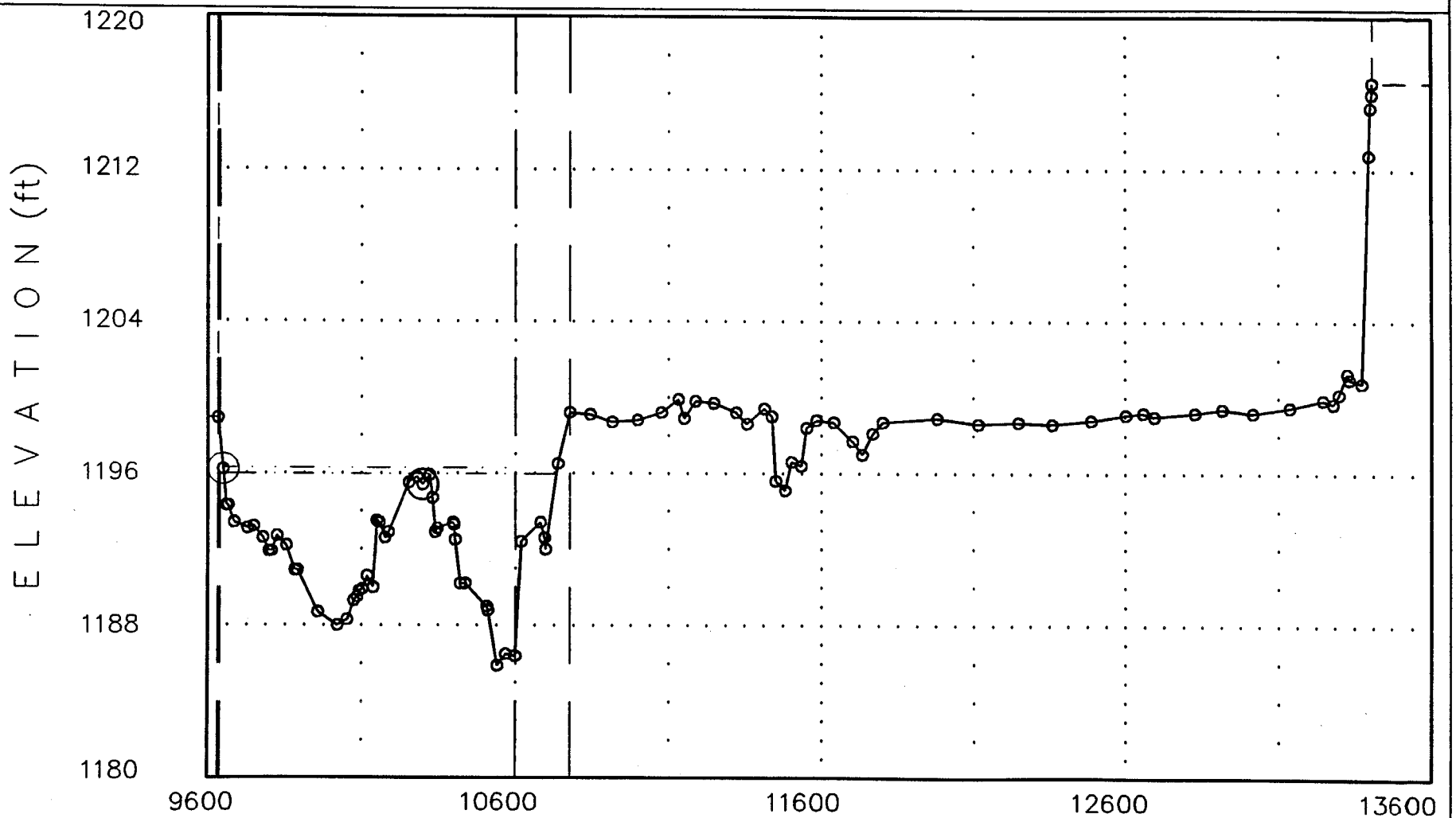
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 21.798: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1195.97
Q2= 35000cfs WS2= 1196.29

Manning-n Values: LOB: 0 - .045 CH: .035 ROB: .055



Vertical Scale 1: 8:
Horizontal Scale 1: 500:

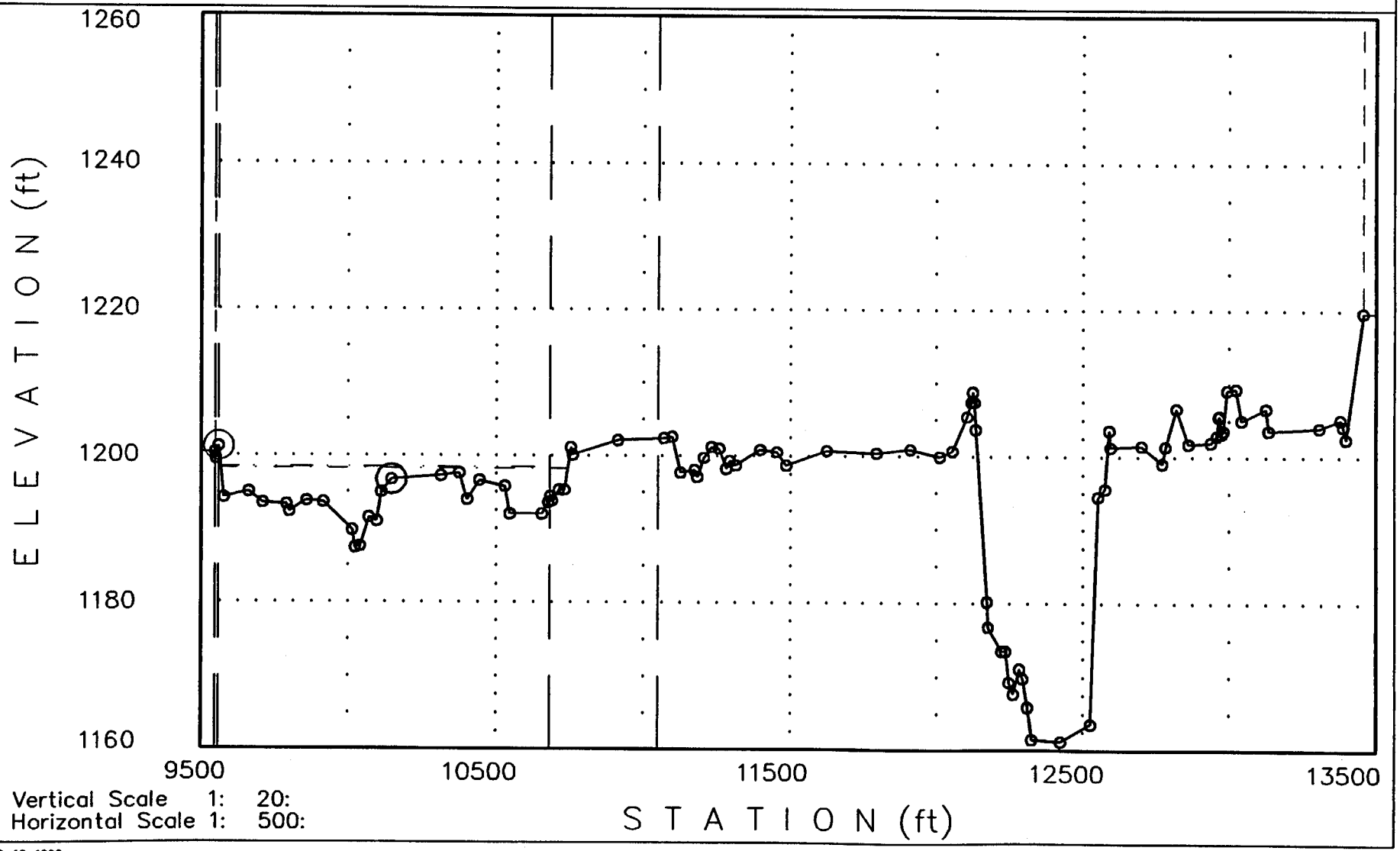
09-12-1996

<<<<<< Cross Section: 21.893: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1198.27

Q2= 35000cfs WS2= 1198.44

Manning-n Values: LOB: 0 CH: .035 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 500:

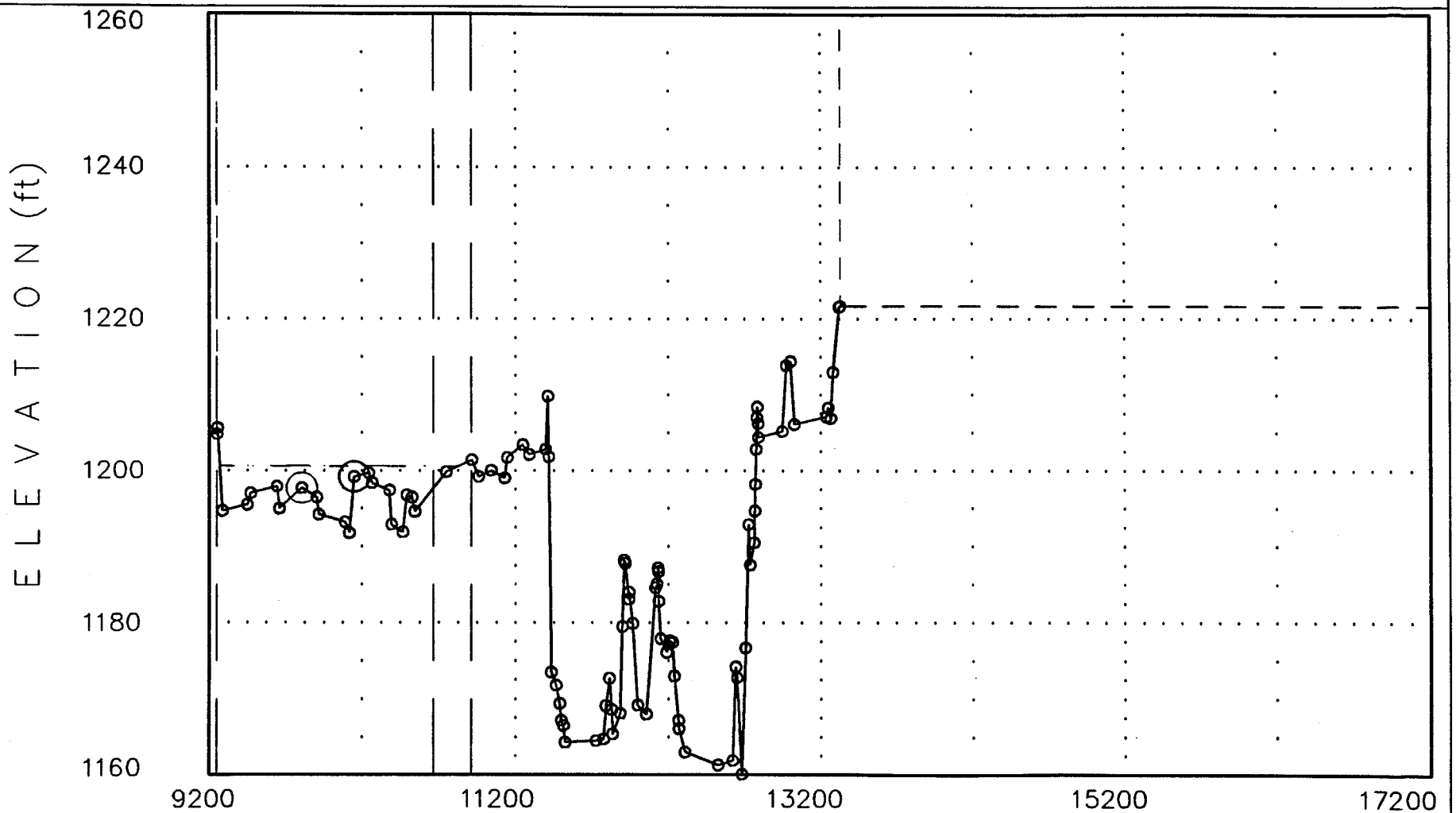
09-12-1996

<<<<<< Cross Section: 21.986: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1200.58

Q2= 35000cfs WS2= 1200.65

Manning-n Values: LOB: .045 CH: .035 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 1000:

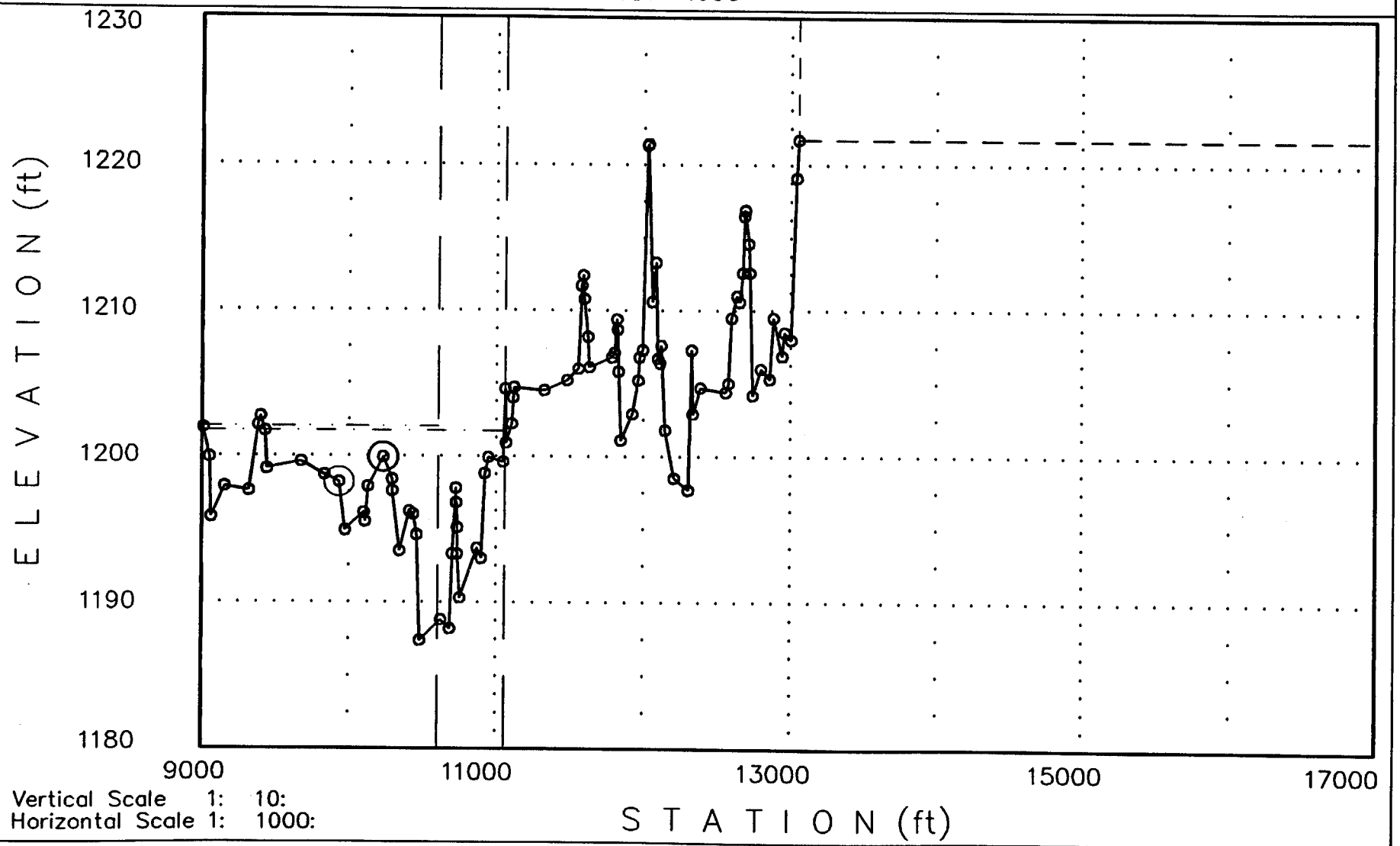
09-12-1996

<<<<<< Cross Section: 22.082: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1201.74

Q2= 35000cfs WS2= 1202.01

Manning-n Values: LOB: .045 CH: .035 ROB: .055



Vertical Scale 1: 10:

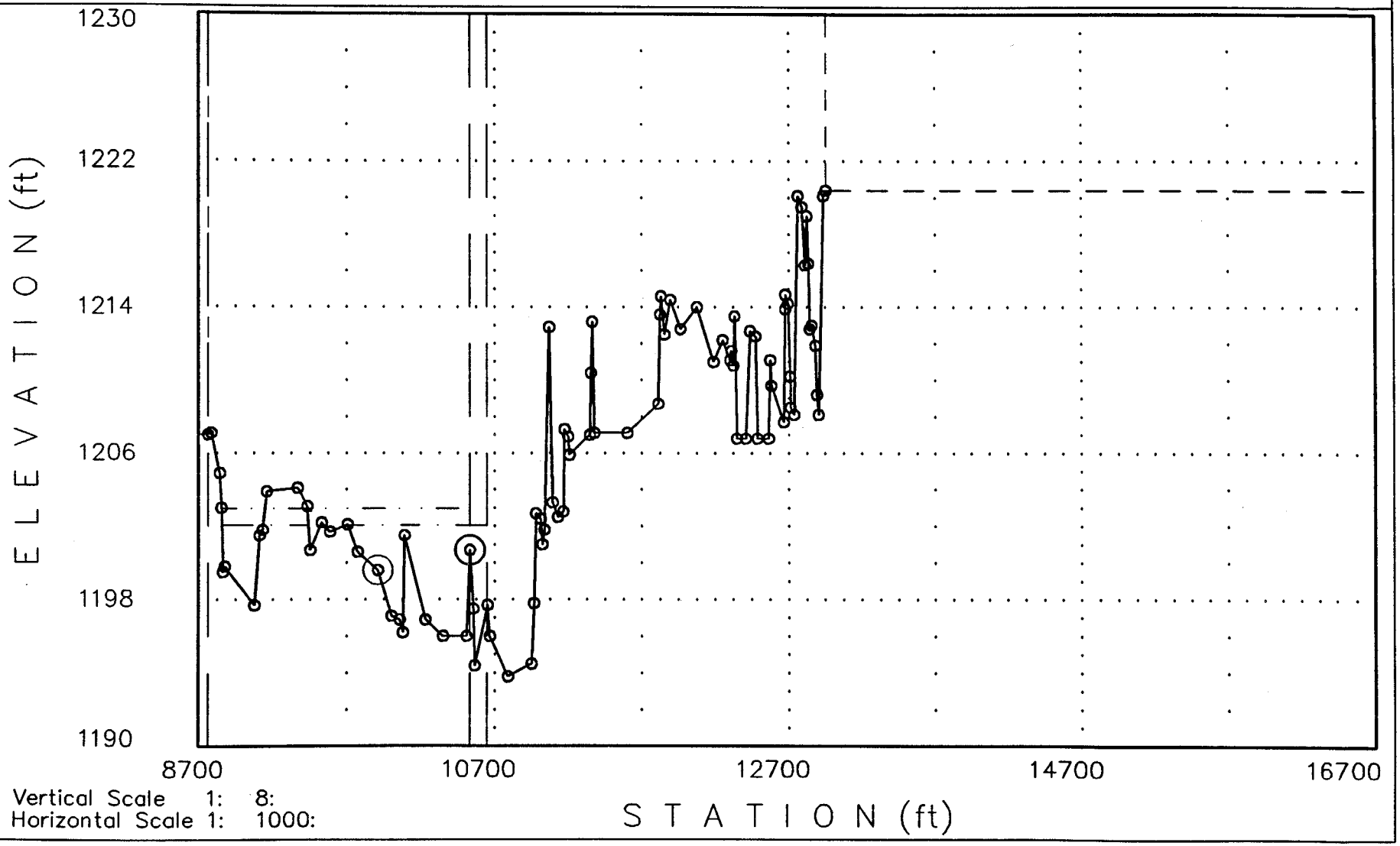
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 22.177: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1202.07
Q2= 35000cfs WS2= 1202.96

Manning-n Values: LOB: .045 CH: .035 ROB: .055



Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

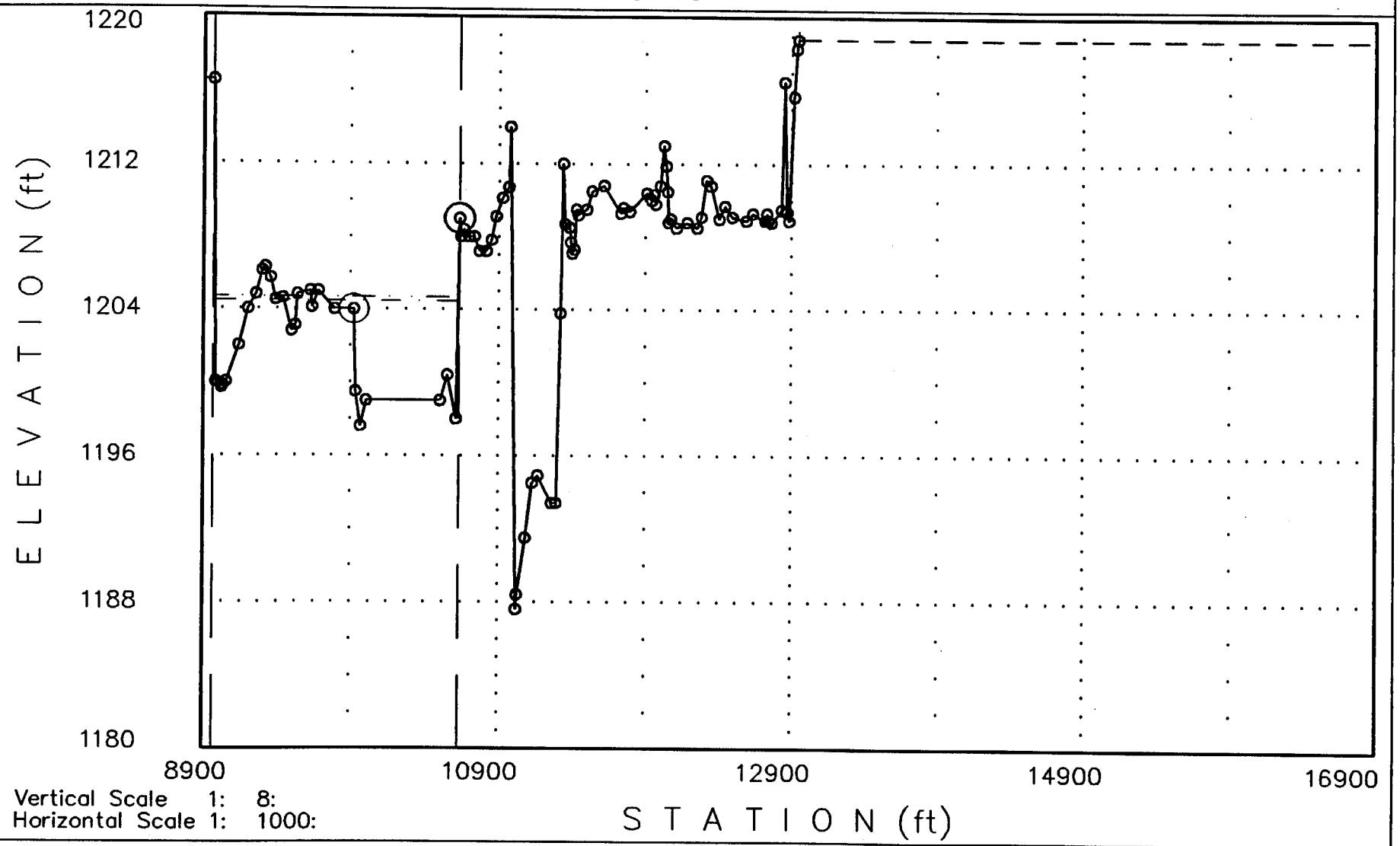
09-12-1996

<<<<<< Cross Section: 22.273: (FN = AGUAFRIA.20) >>>>>>

Q1= 35000cfs WS1= 1204.46

Q2= 35000cfs WS2= 1204.68

Manning-n Values: LOB: .045 CH: .035 ROB: 0



Vertical Scale 1: 8:

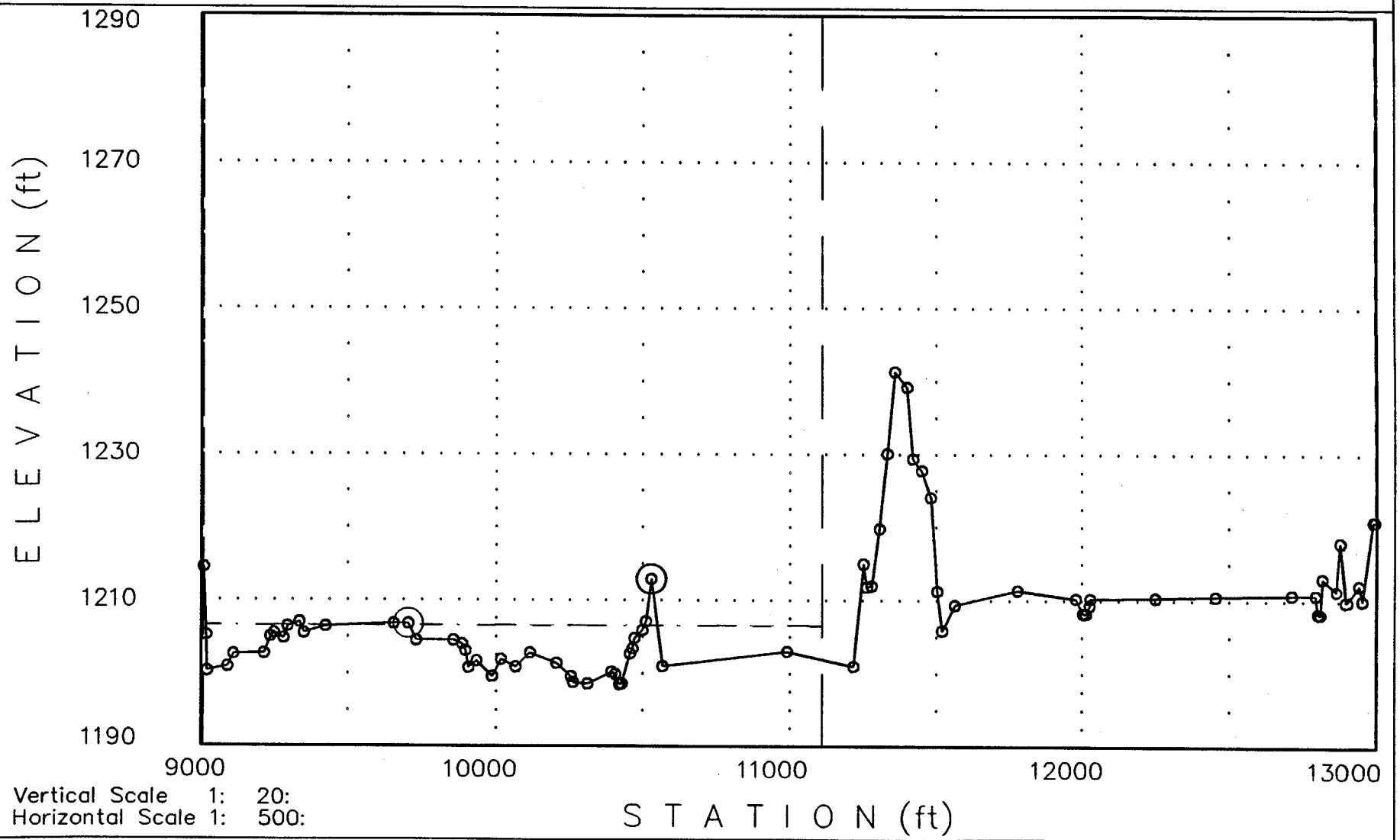
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 22.368: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1206.55
Q2= 33000cfs WS2= 1206.57

Manning-n Values: LOB: .045 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

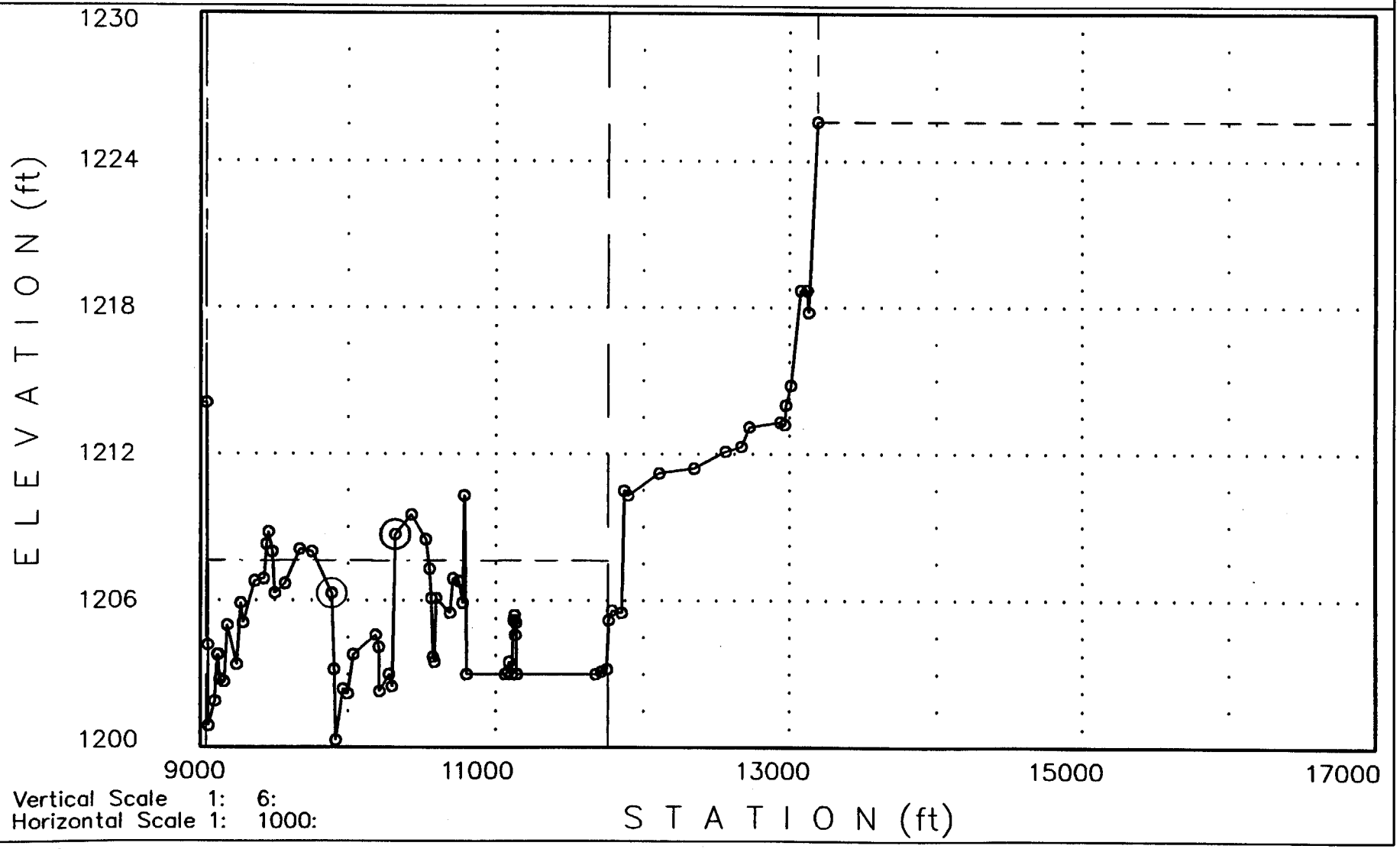
09-12-1996

<<<<<< Cross Section: 22.462: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1207.63

Q2= 33000cfs WS2= 1207.64

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:

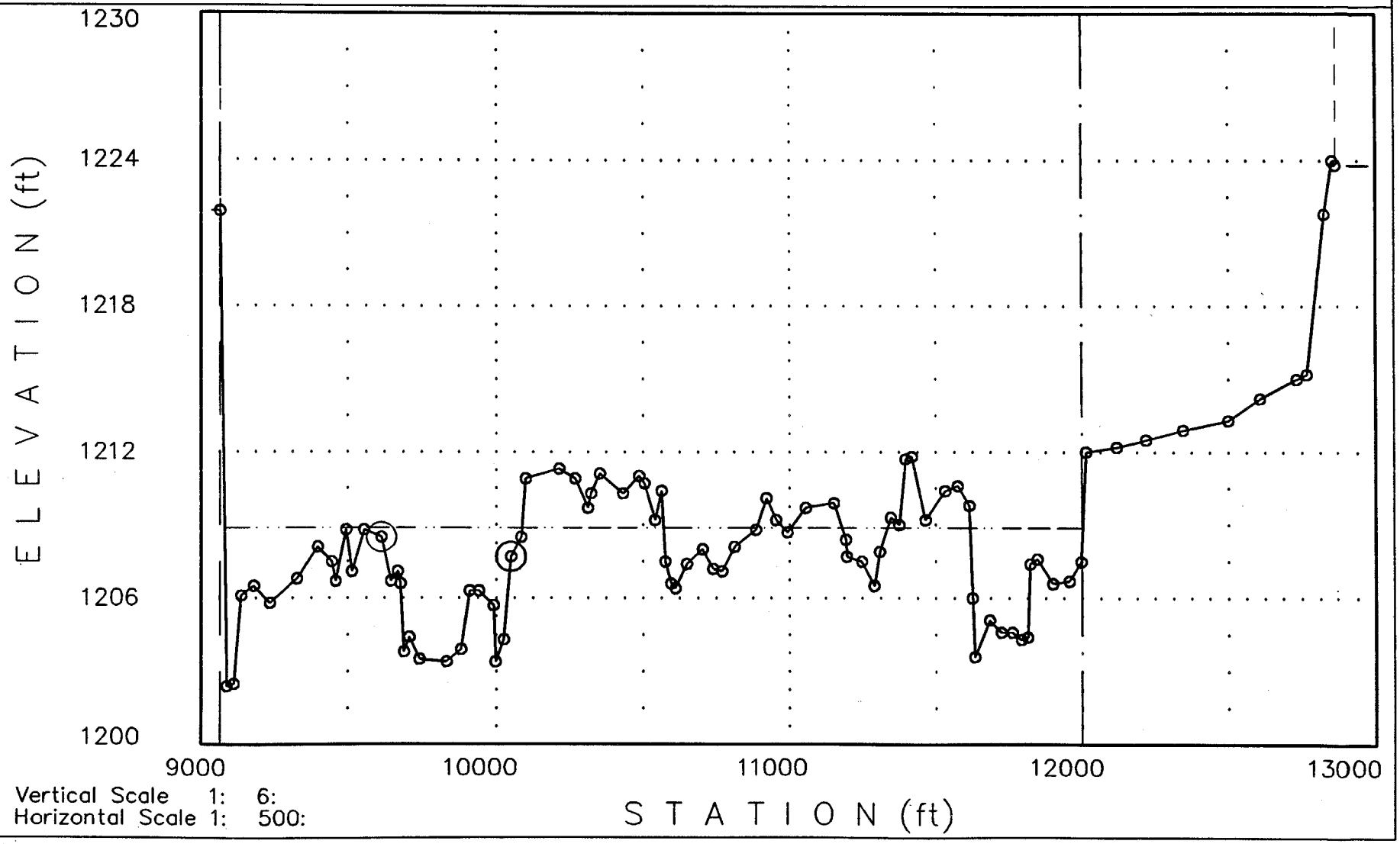
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 22.558: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1208.88
Q2= 33000cfs WS2= 1208.88

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

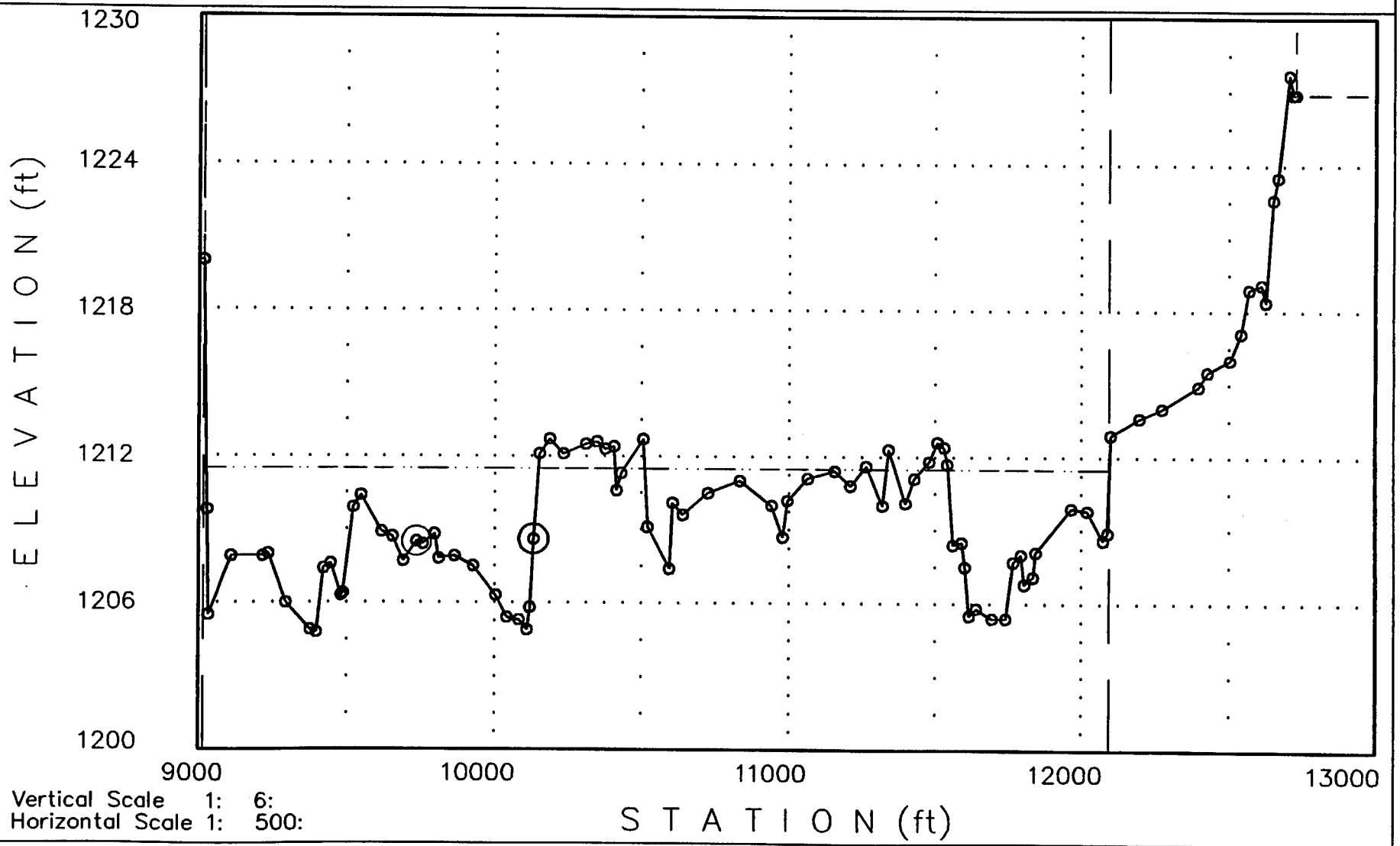
09-12-1996

<<<<<< Cross Section: 22.651: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1211.49

Q2= 33000cfs WS2= 1211.49

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:

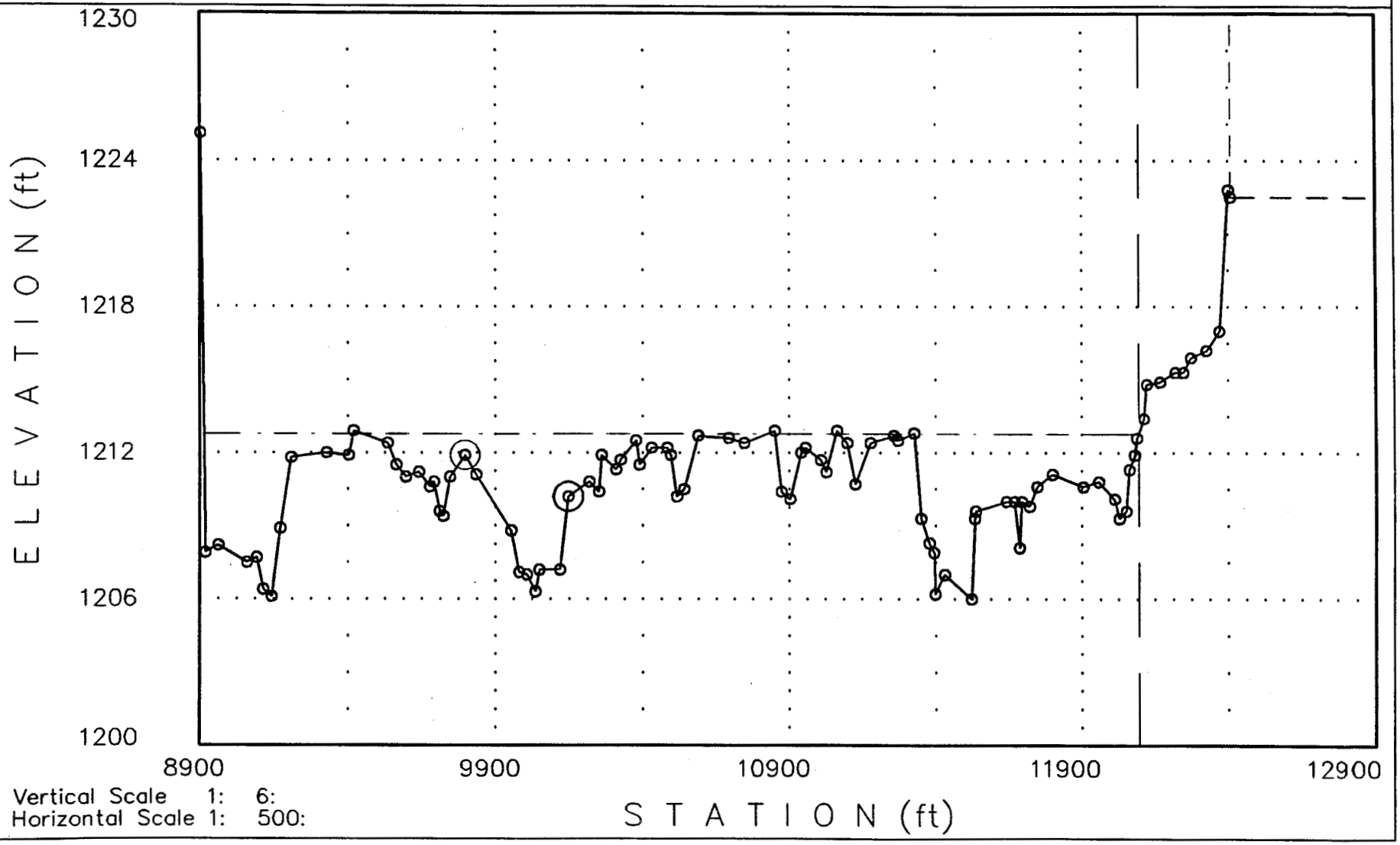
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 22.745: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1212.78
Q2= 33000cfs WS2= 1212.78

Manning-n Values: LOB: .045 CH: .035 ROB: .045



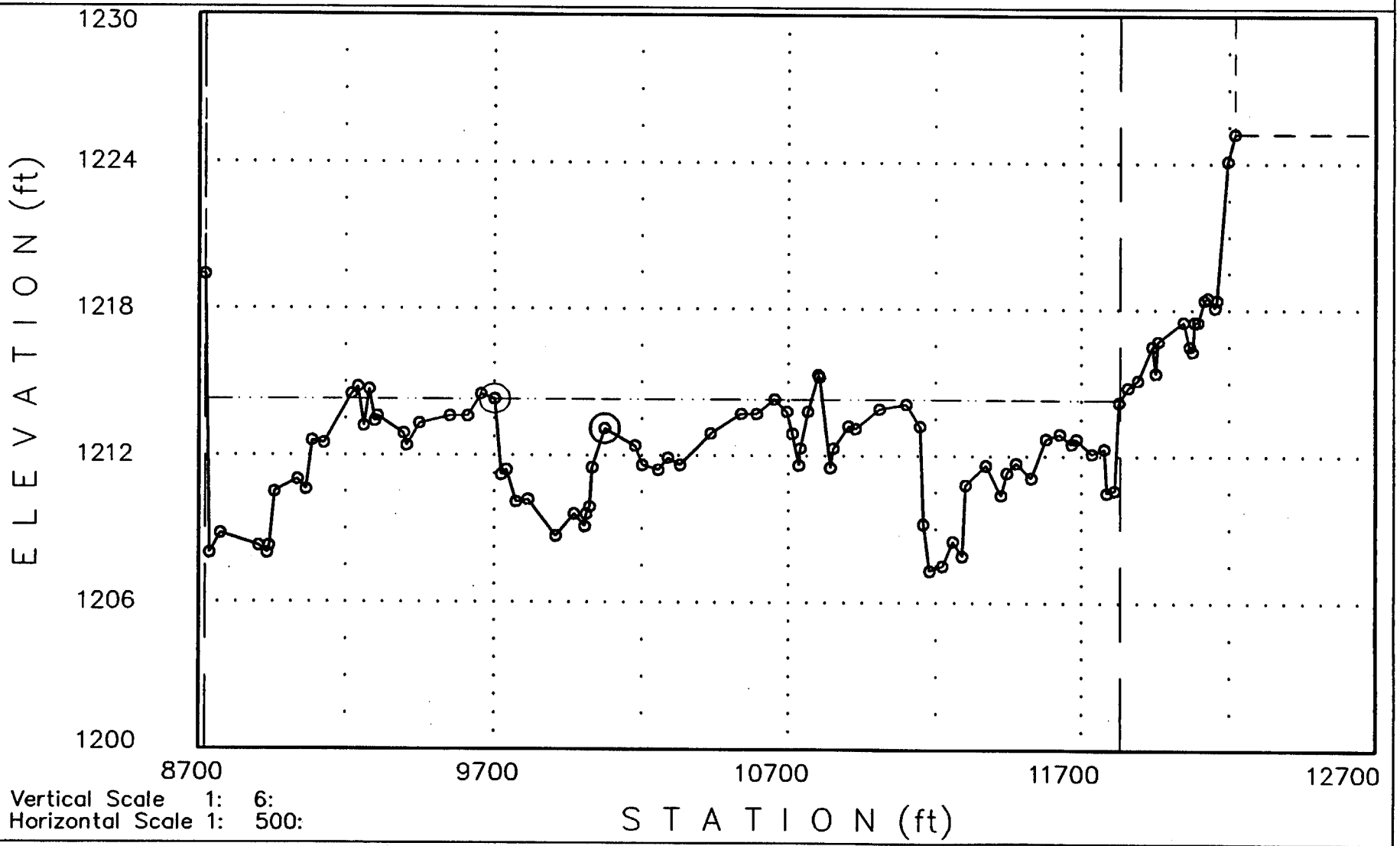
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 22.839: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1214.3
Q2= 33000cfs WS2= 1214.3

Manning-n Values: LOB: .045 CH: .035 ROB: .045



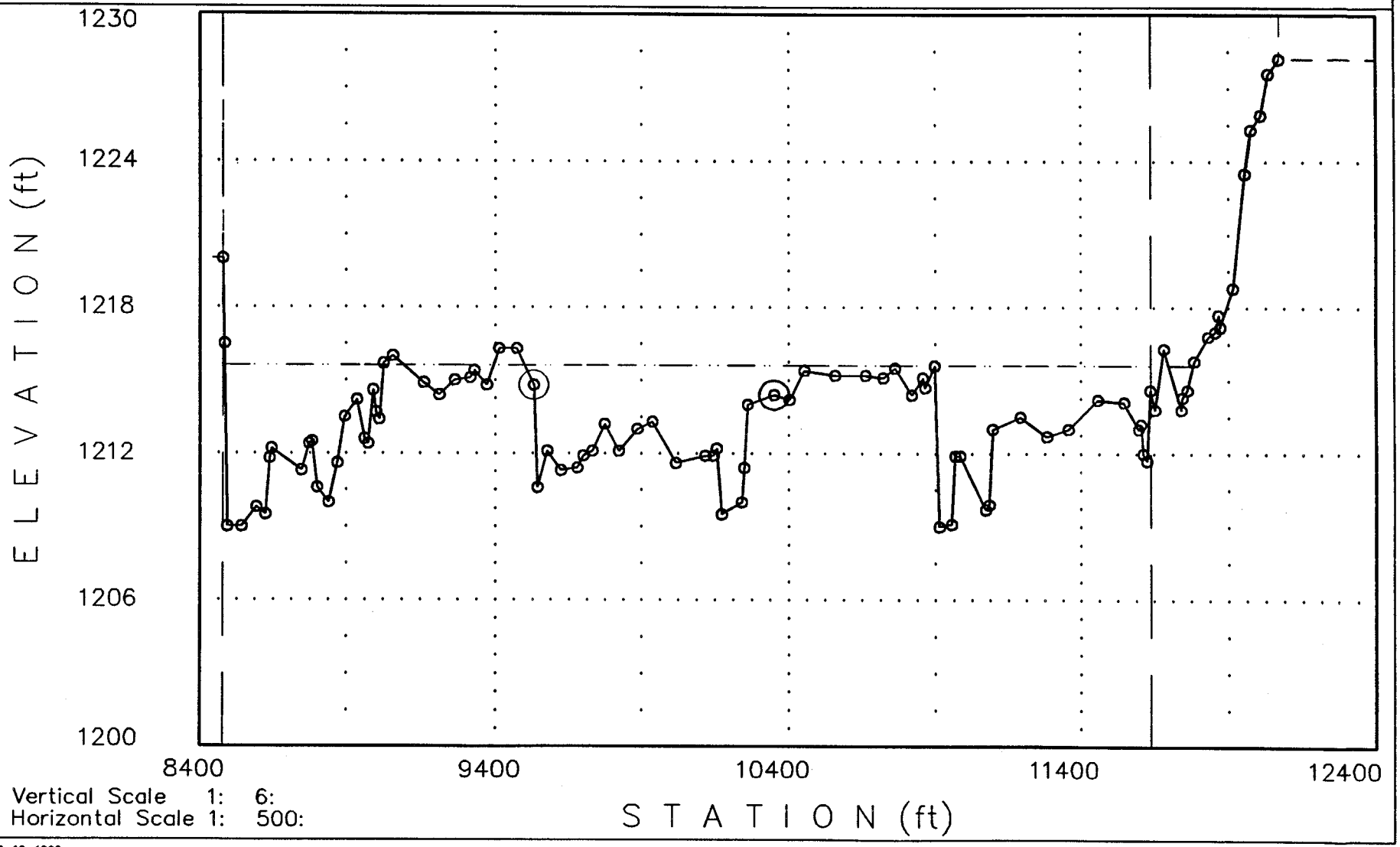
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 22.935: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1215.62
Q2= 33000cfs WS2= 1215.62

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 500:

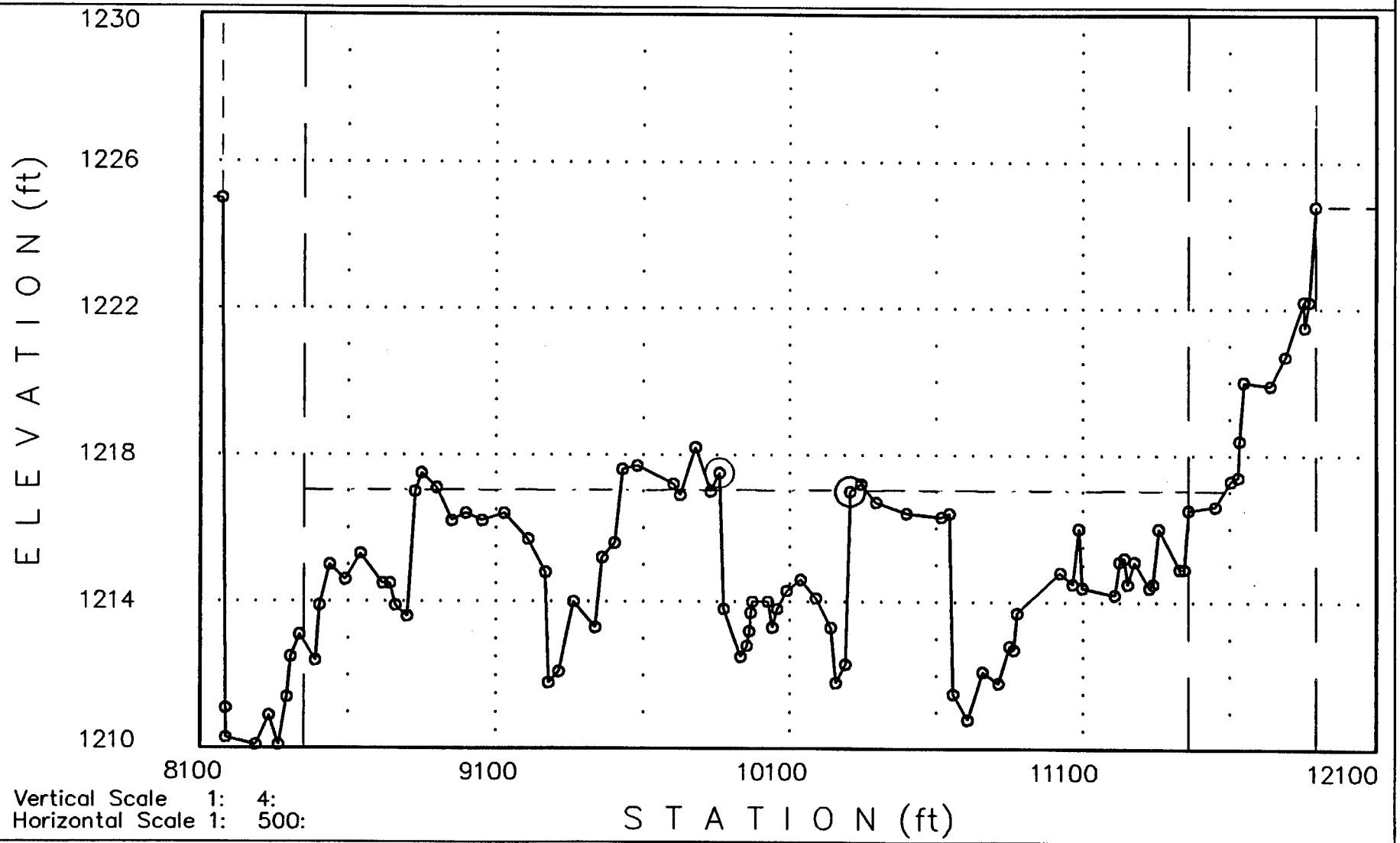
09-12-1996

<<<<<< Cross Section: 23.029: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1217.03

Q2= 33000cfs WS2= 1217.04

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 4:

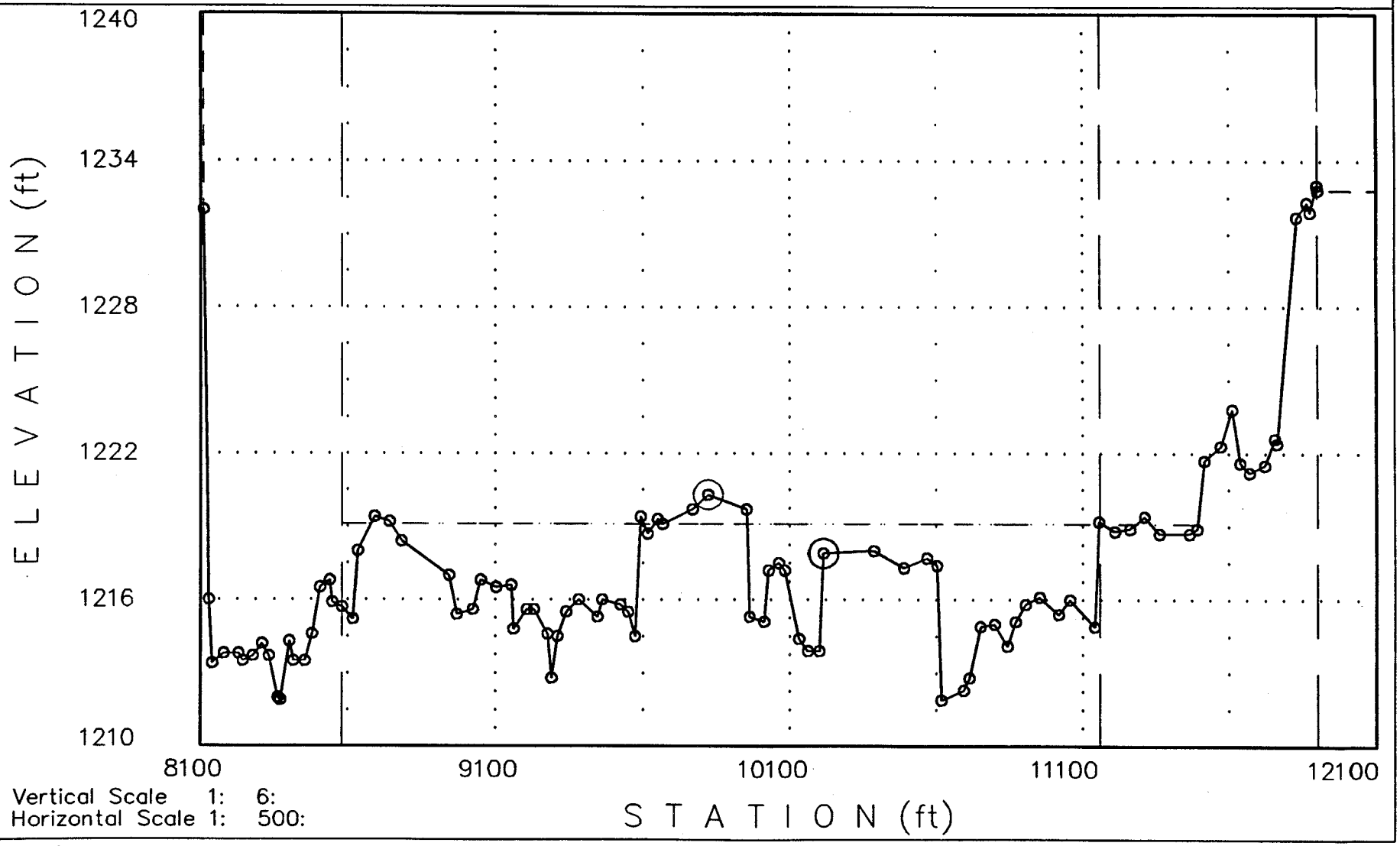
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 23.124: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1219.11
Q2= 33000cfs WS2= 1219.11

Manning-n Values: LOB: .045 CH: .035 ROB: .045



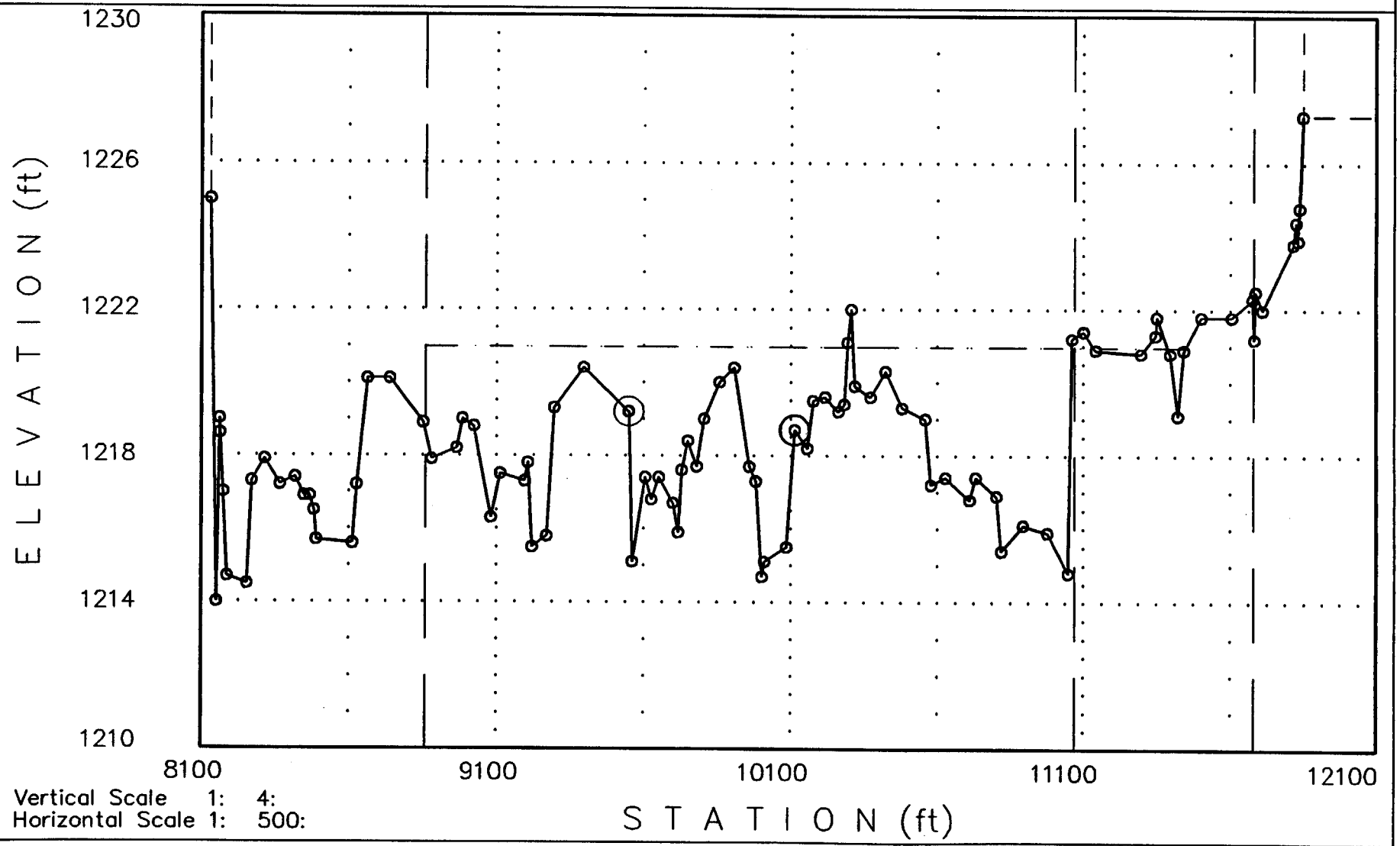
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 23.219: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1220.97
Q2= 33000cfs WS2= 1220.98

Manning-n Values: LOB: .045 CH: .035 ROB: .045



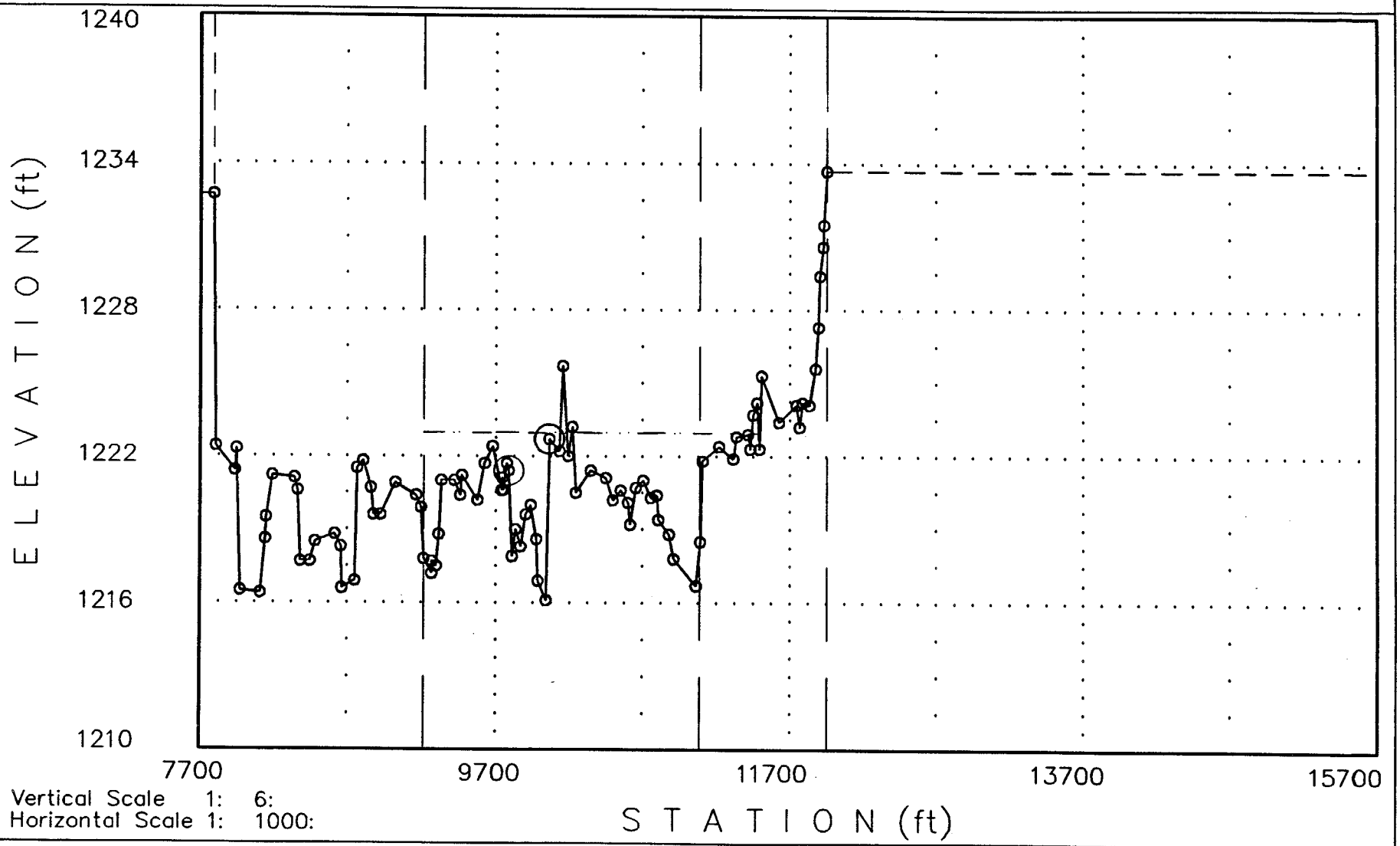
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 23.314: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1222.95
Q2= 33000cfs WS2= 1222.97

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

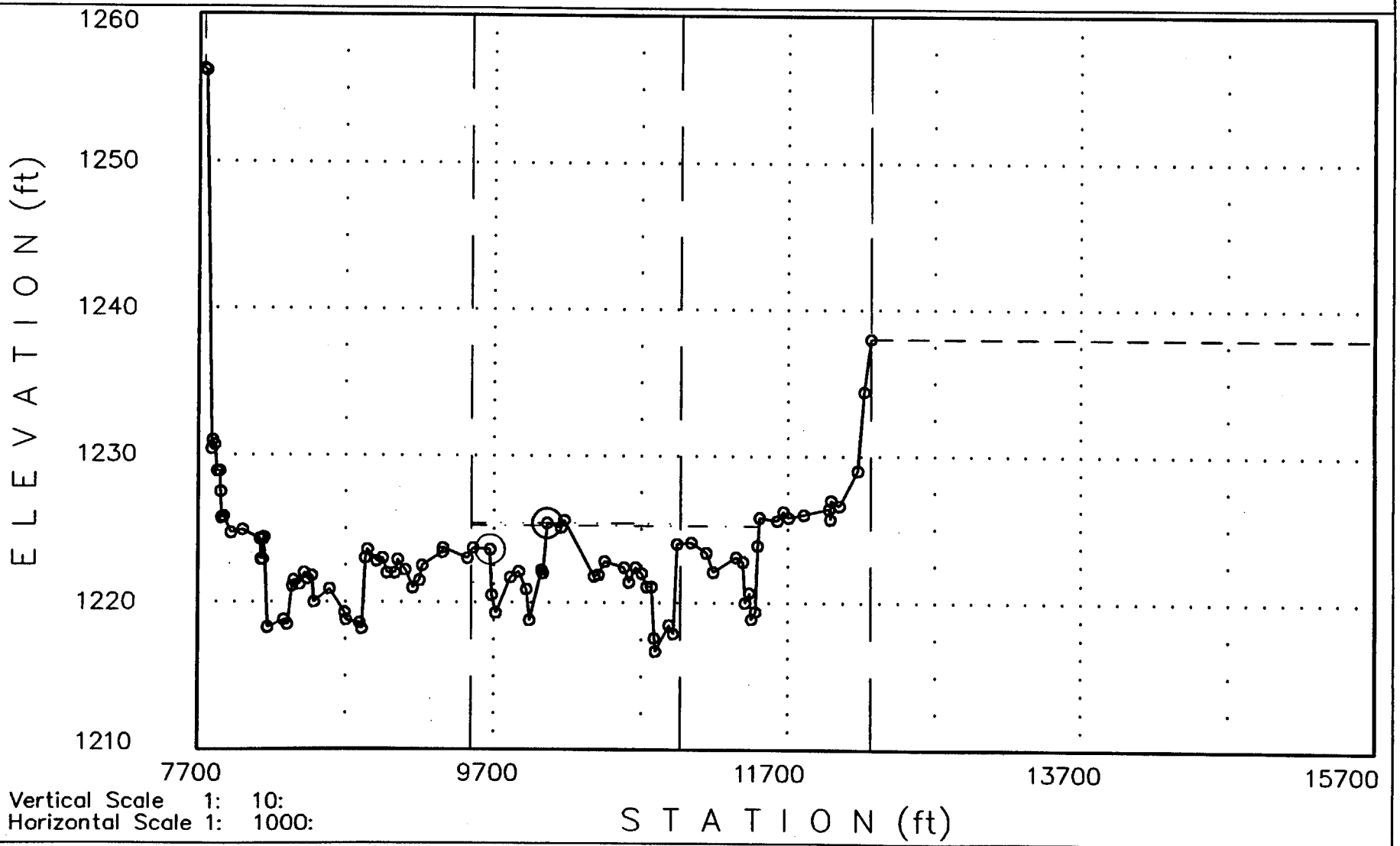
09-12-1996

<<<<<< Cross Section: 23.409: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1225.23

Q2= 33000cfs WS2= 1225.42

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 10:

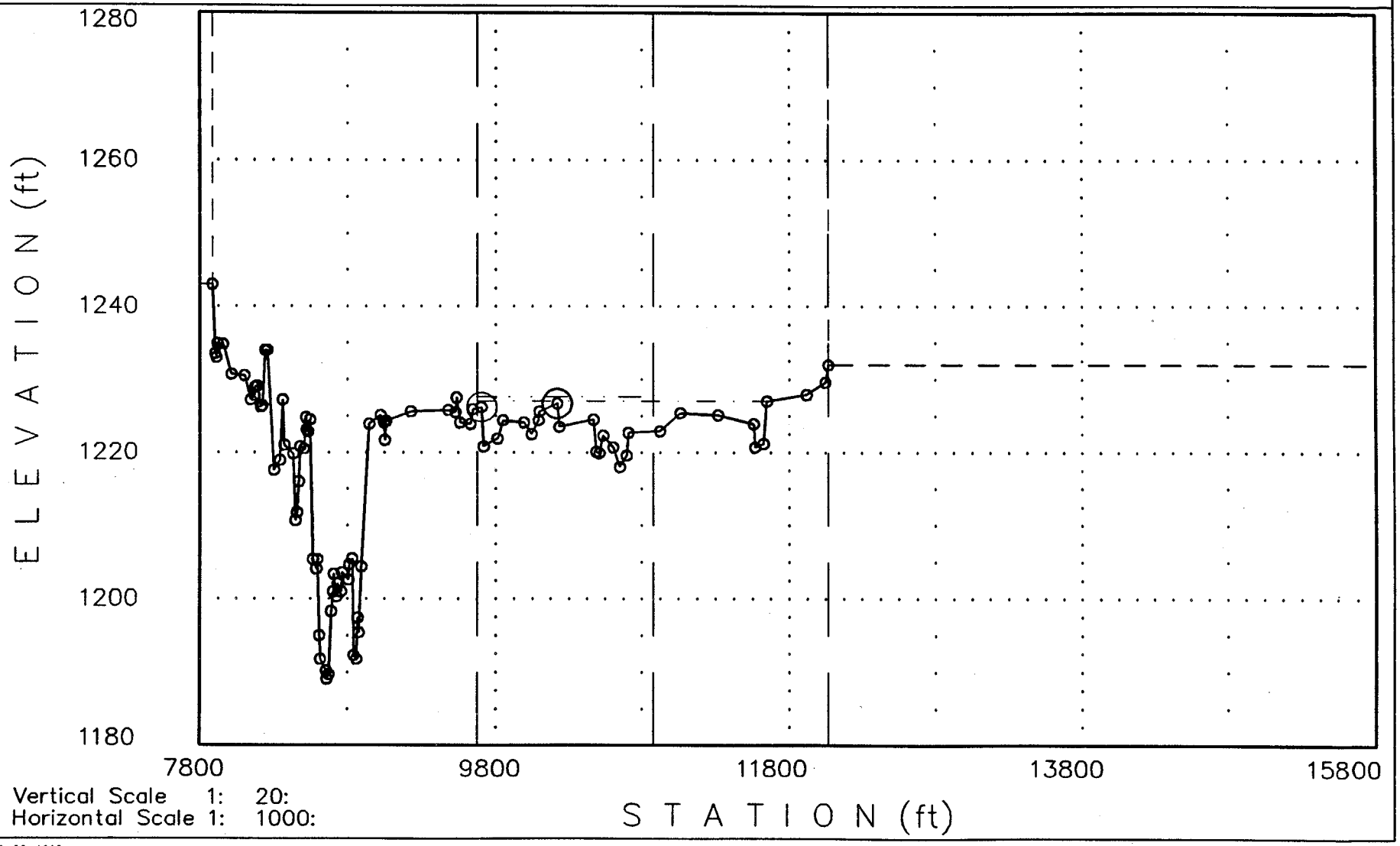
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 23.504: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1227.07
Q2= 33000cfs WS2= 1227.67

Manning-n Values: LOB: .055 CH: .035 ROB: .045



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

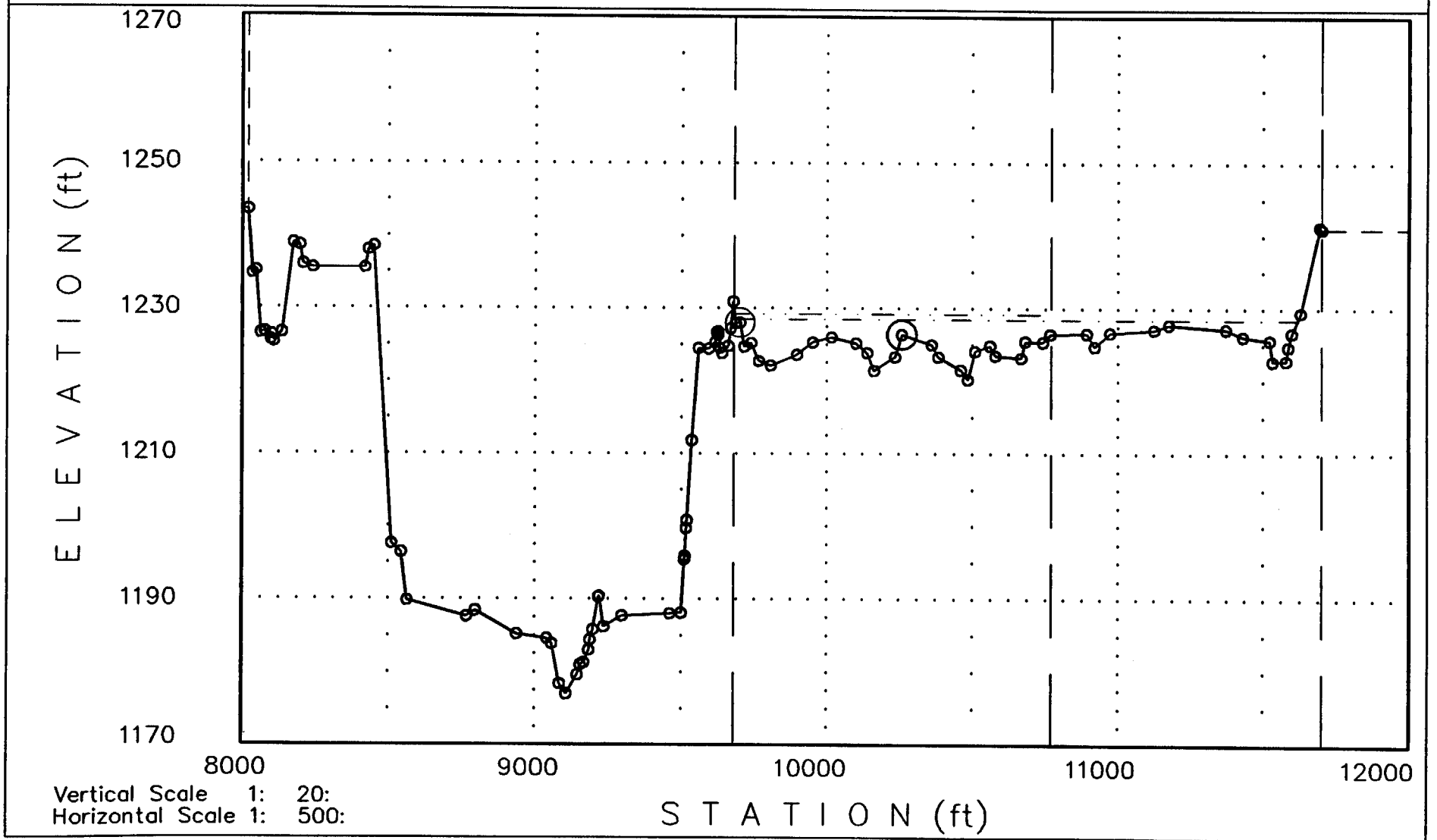
09-12-1996

<<<<<< Cross Section: 23.598: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1228.5

Q2= 33000cfs WS2= 1229.19

Manning-n Values: LOB: .055 CH: .035 ROB: .045



Vertical Scale 1: 20:

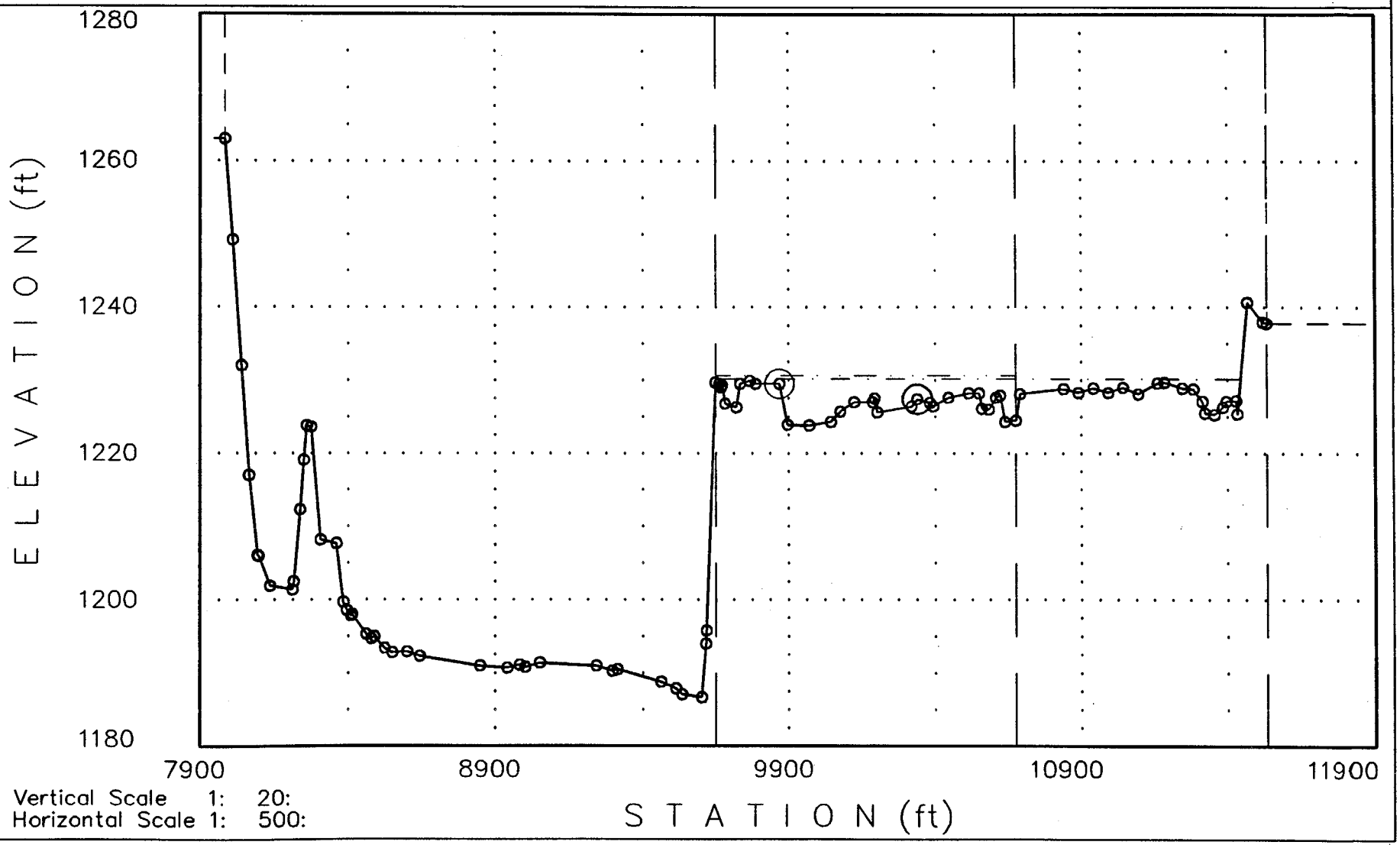
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 23.692: (FN = AGUAFRIA.20) >>>>>>

Q1= 33000cfs WS1= 1230.19
Q2= 33000cfs WS2= 1230.68

Manning-n Values: LOB: .055 CH: .035 ROB: .045



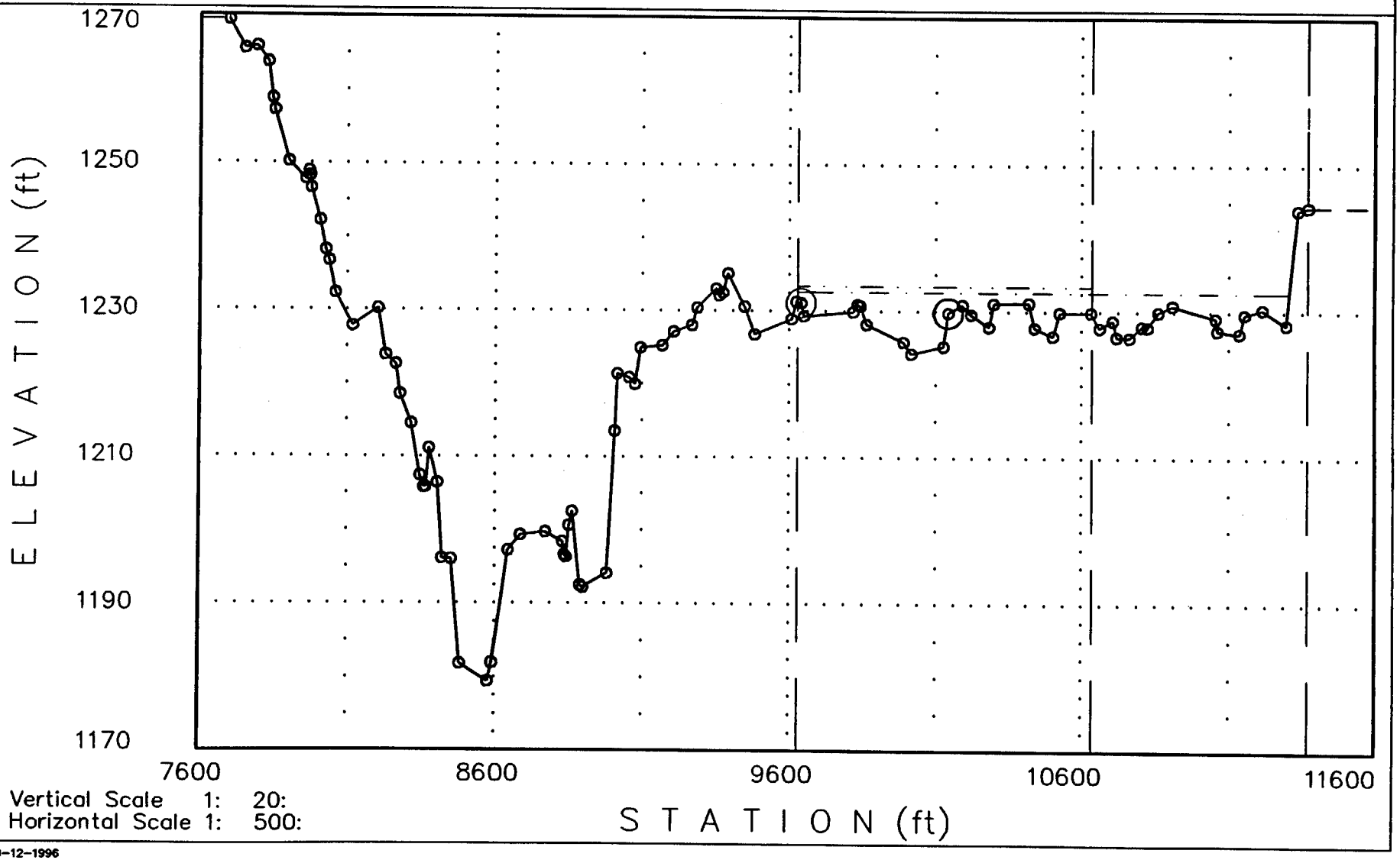
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 23.79: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1232.64
Q2= 31000cfs WS2= 1233.43

Manning-n Values: LOB: .055 CH: .035 ROB: .055



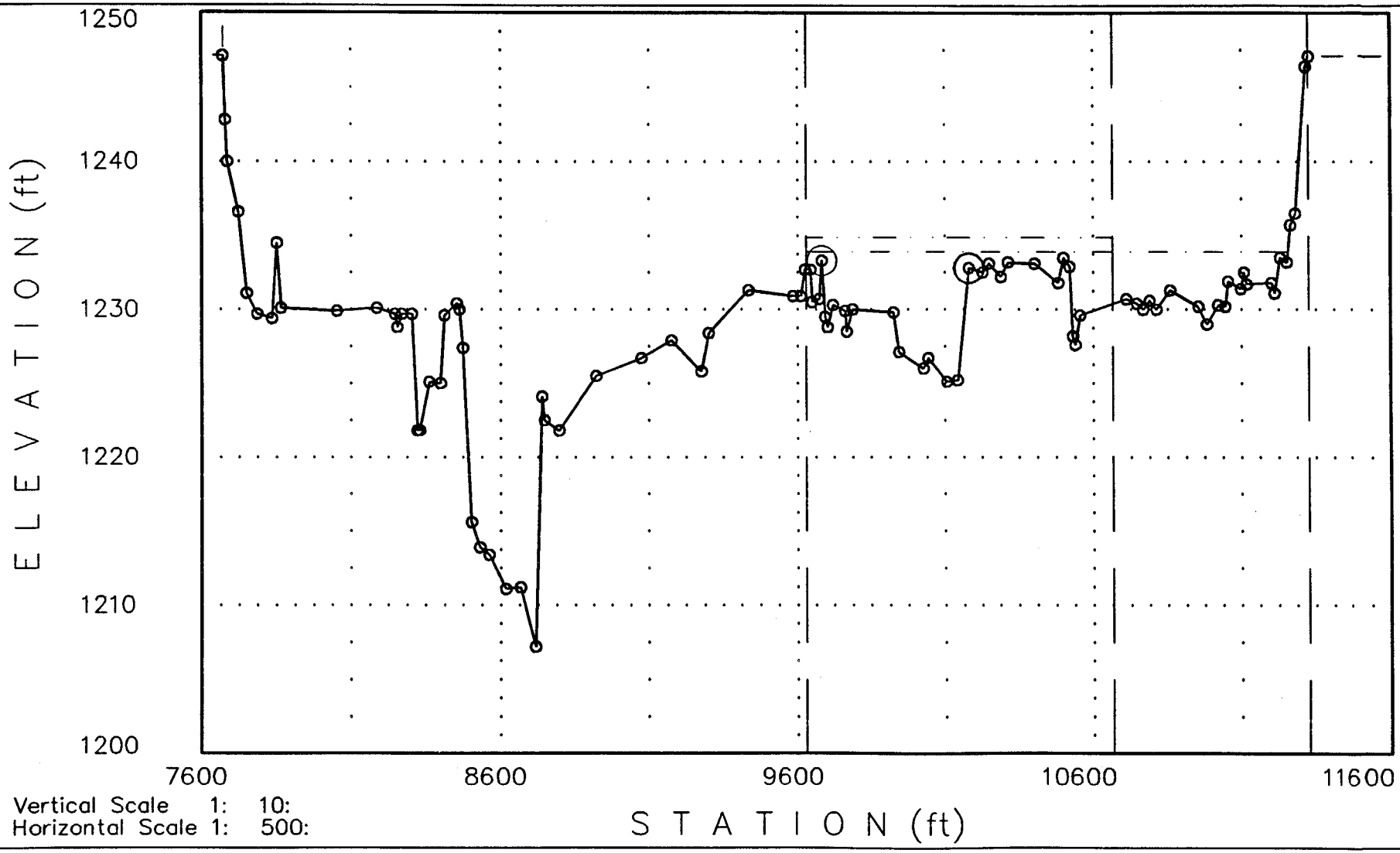
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 23.881: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1233.93
Q2= 31000cfs WS2= 1234.89

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 10:
Horizontal Scale 1: 500:

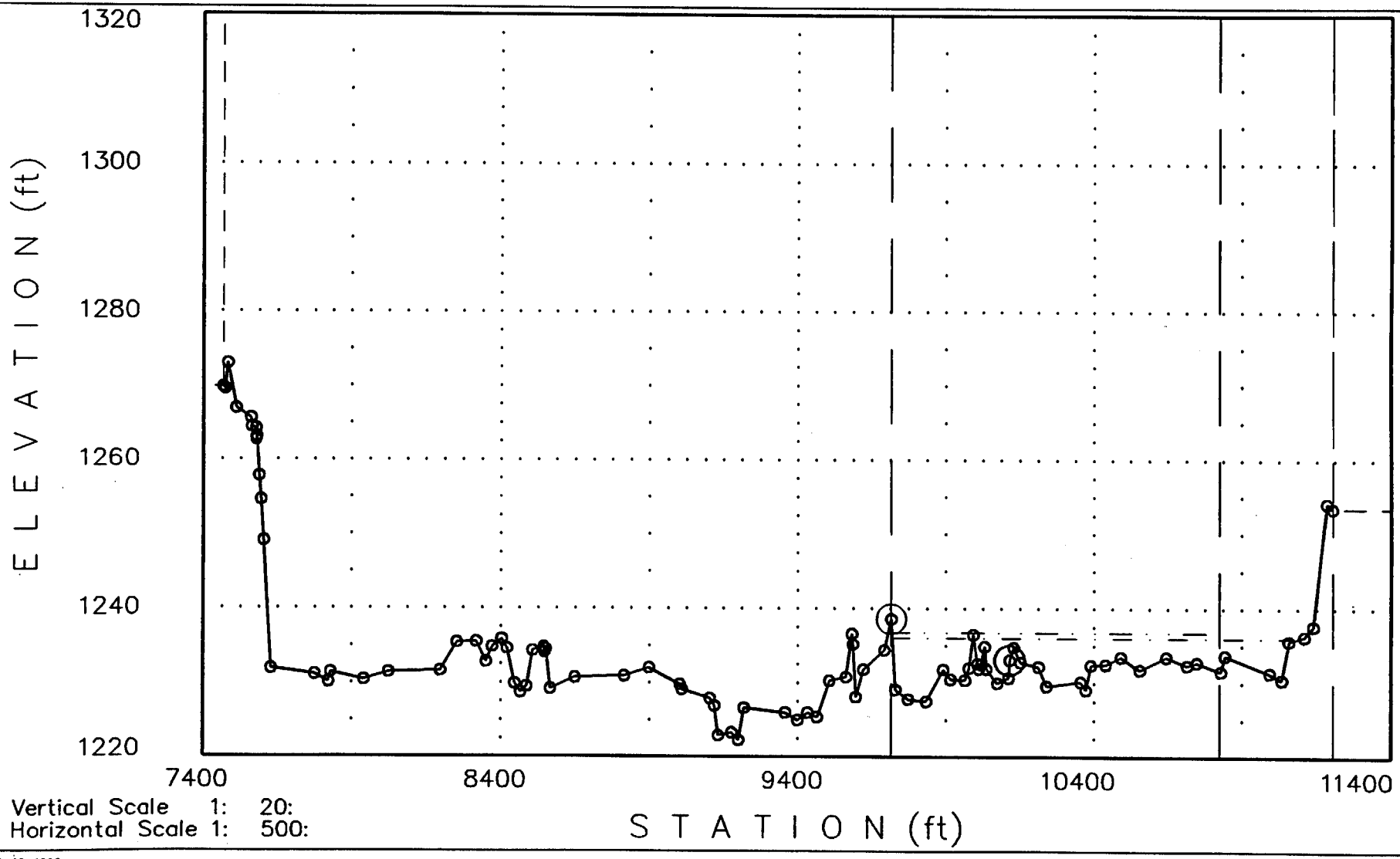
09-12-1996

<<<<<< Cross Section: 23.974: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1236.02

Q2= 31000cfs WS2= 1236.79

Manning-n Values: LOB: 0 CH: .05 ROB: .055



Vertical Scale 1: 20:

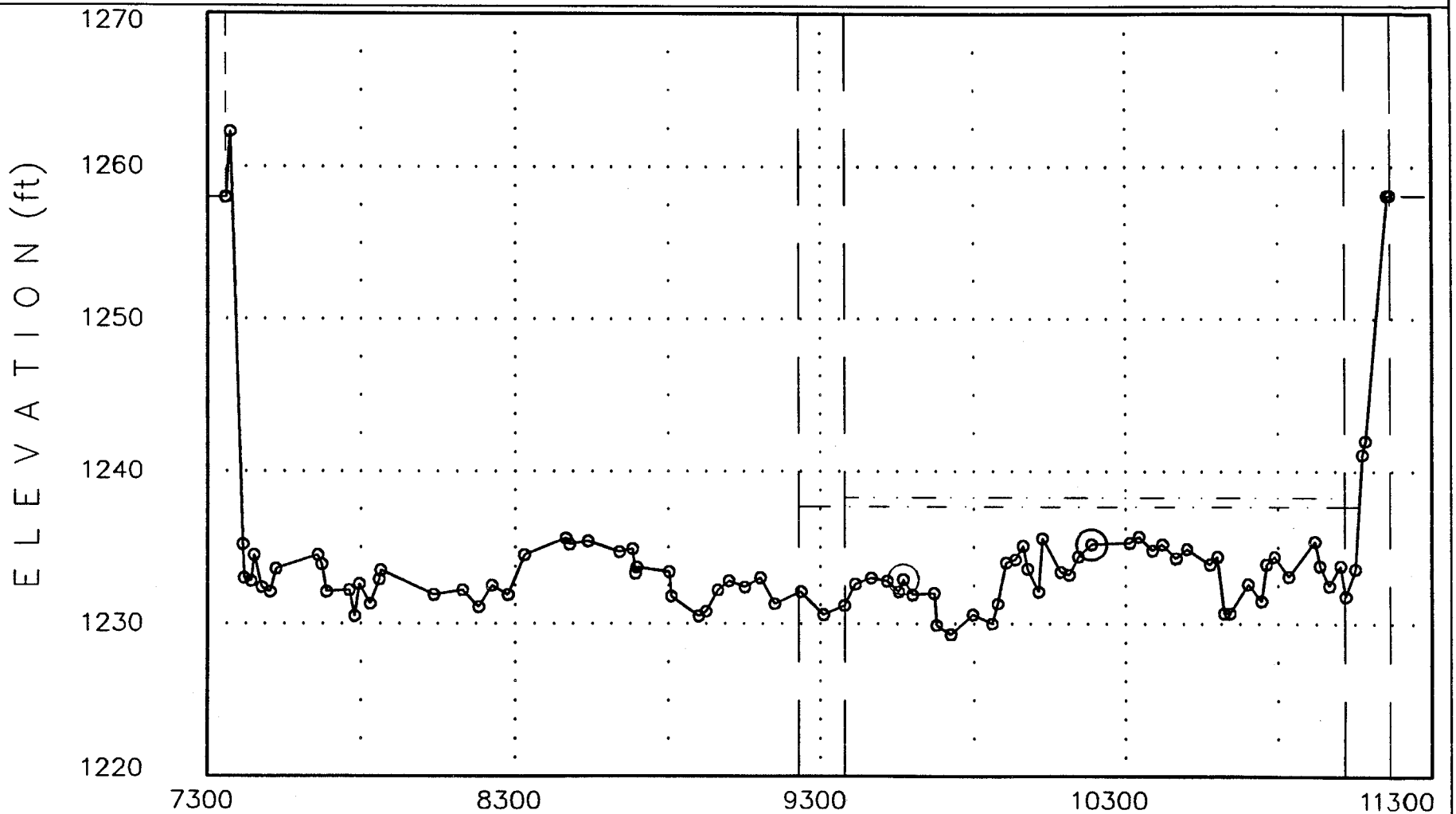
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 24.067: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1237.69
Q2= 31000cfs WS2= 1238.28

Manning-n Values: LOB: .055 CH: .05 ROB: .055



Vertical Scale 1: 10:
Horizontal Scale 1: 500:

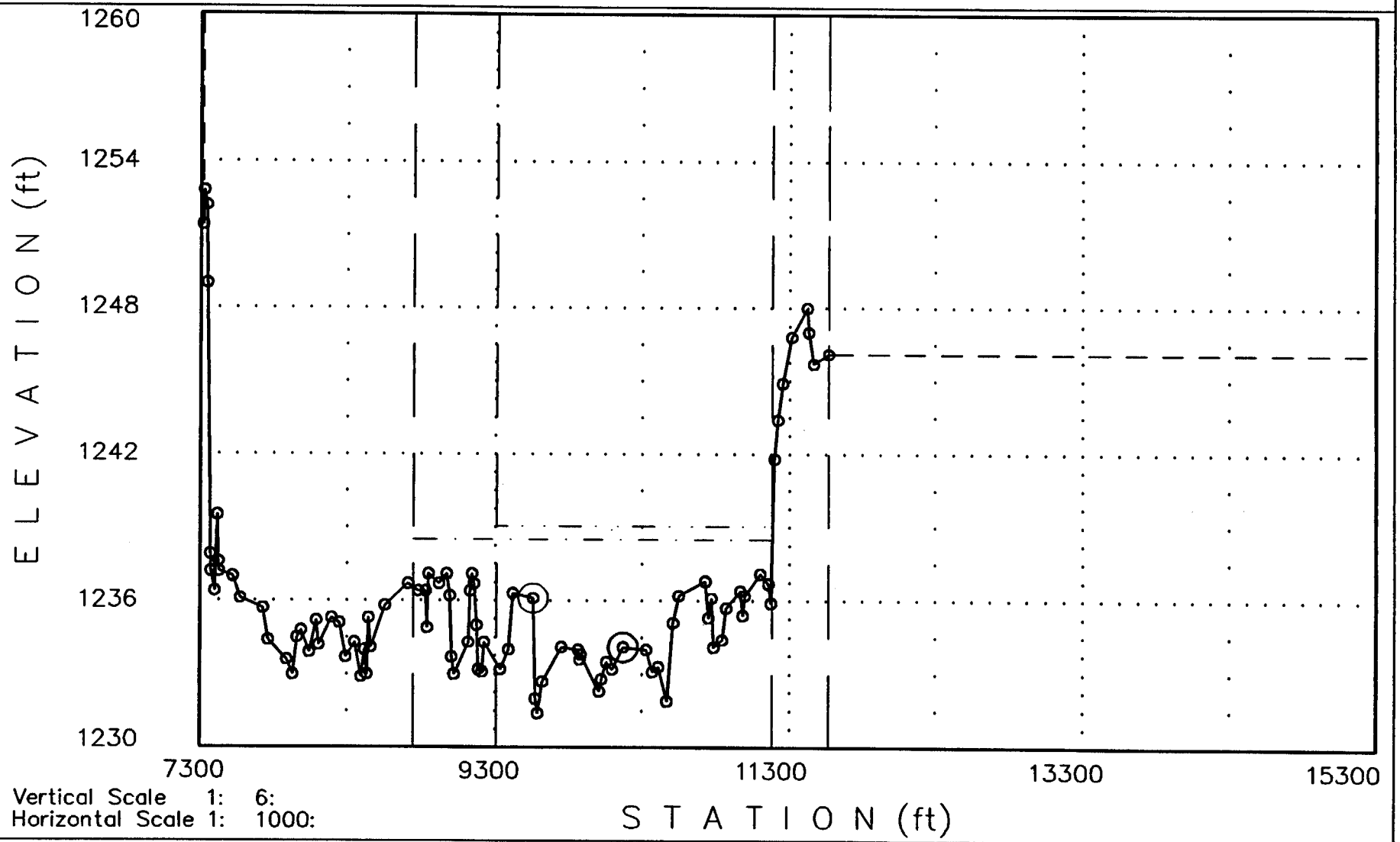
09-12-1996

<<<<<< Cross Section: 24.165: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1238.5

Q2= 31000cfs WS2= 1239.04

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 6:

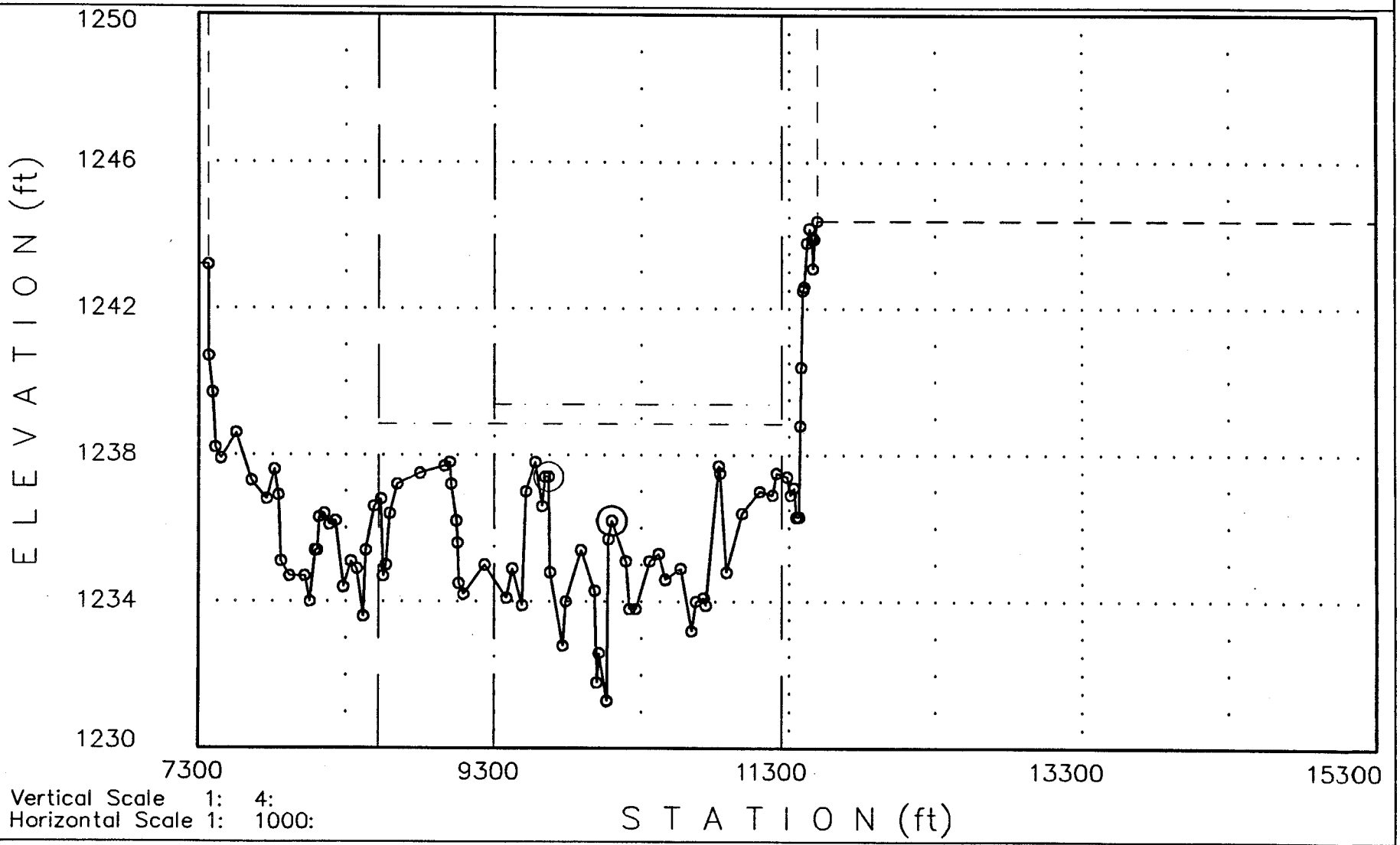
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 24.212: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1238.85
Q2= 31000cfs WS2= 1239.38

Manning-n Values: LOB: .045 CH: .035 ROB: .045



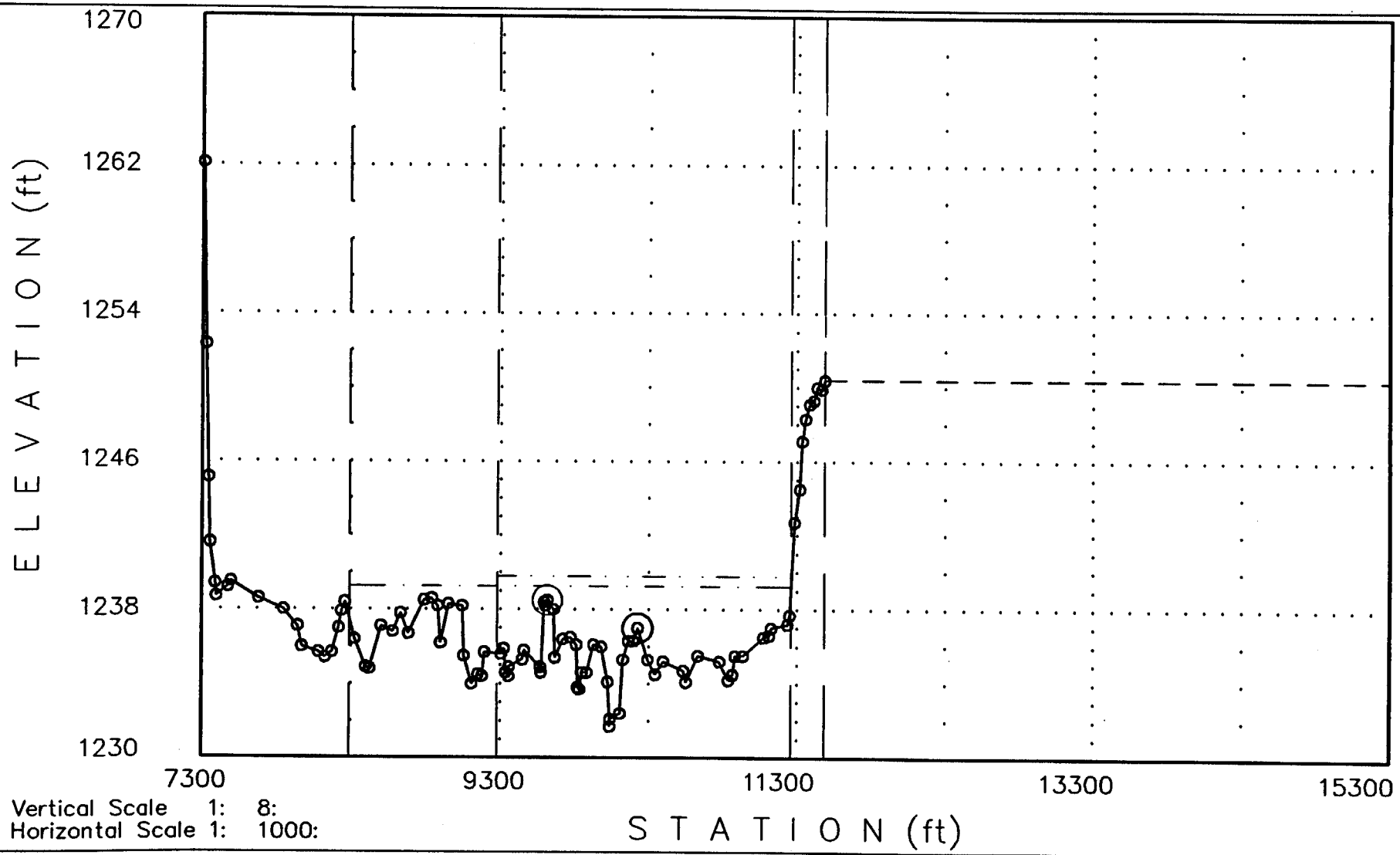
Vertical Scale 1: 4:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 24.26: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1239.26
Q2= 31000cfs WS2= 1239.79

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

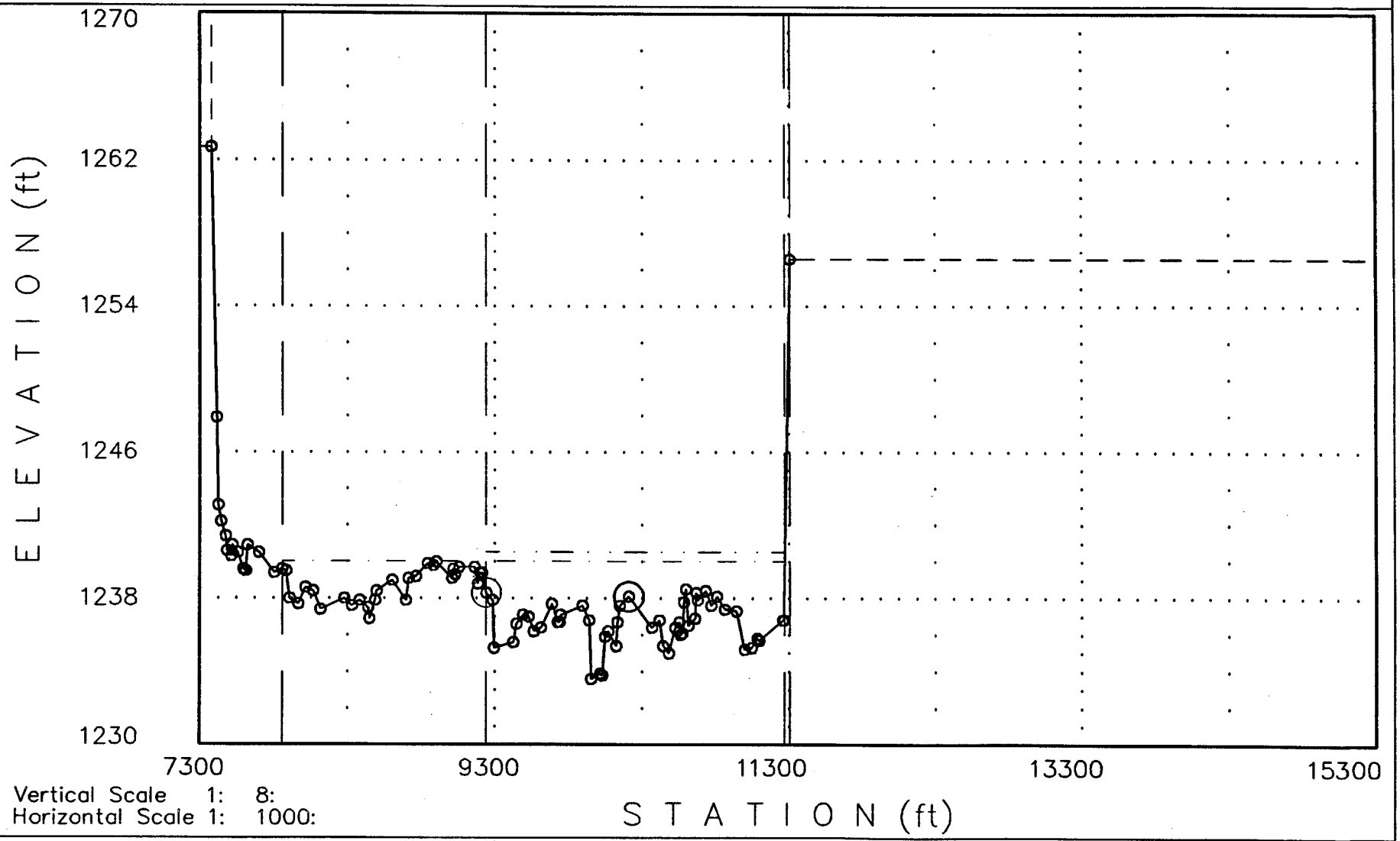
09-12-1996

<<<<<< Cross Section: 24.353: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1240.02

Q2= 31000cfs WS2= 1240.54

Manning-n Values: LOB: .045 CH: .035 ROB: .045



Vertical Scale 1: 8:

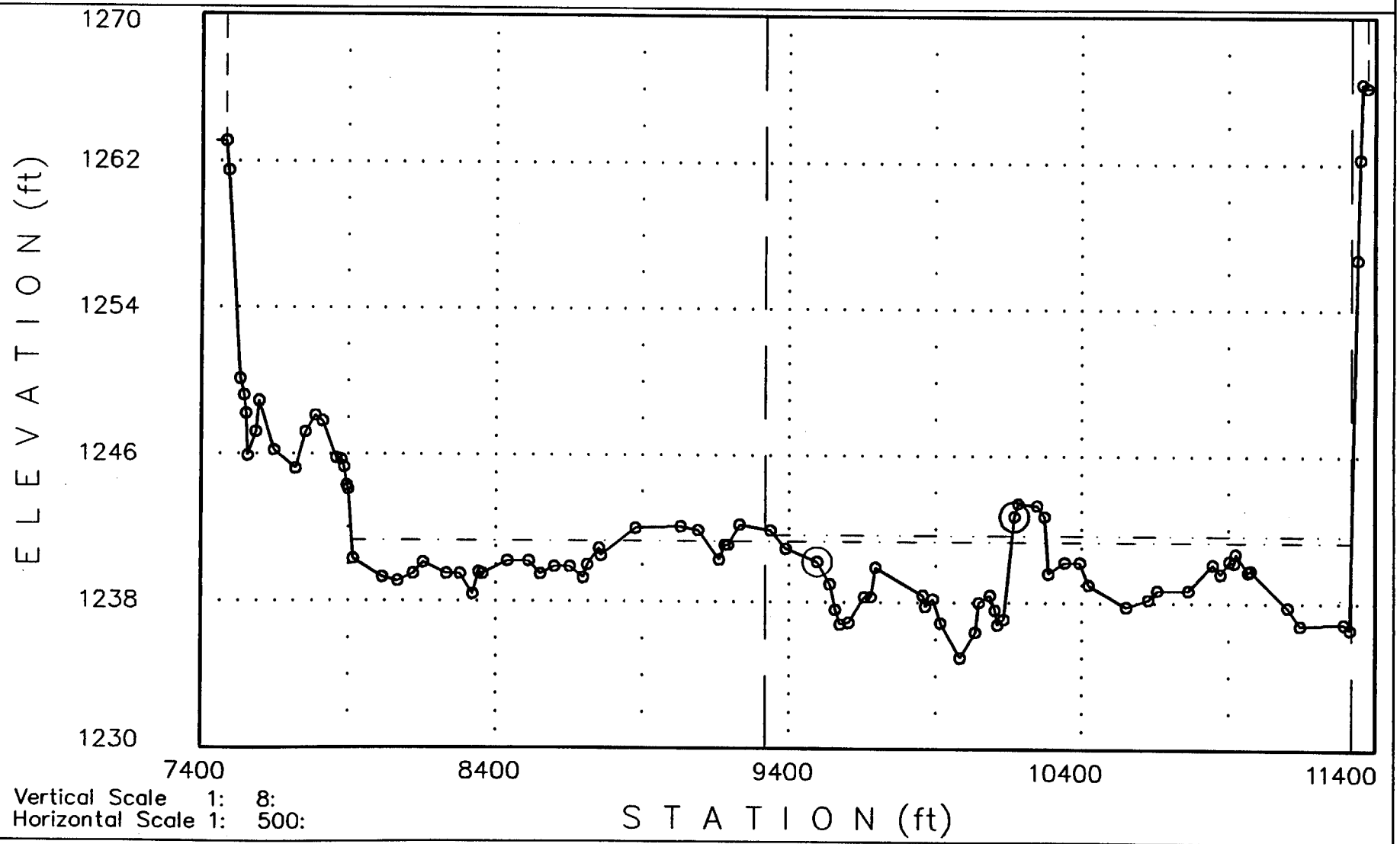
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 24.449: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1241.31
Q2= 31000cfs WS2= 1241.65

Manning-n Values: LOB: .045 CH: .035 ROB: .045



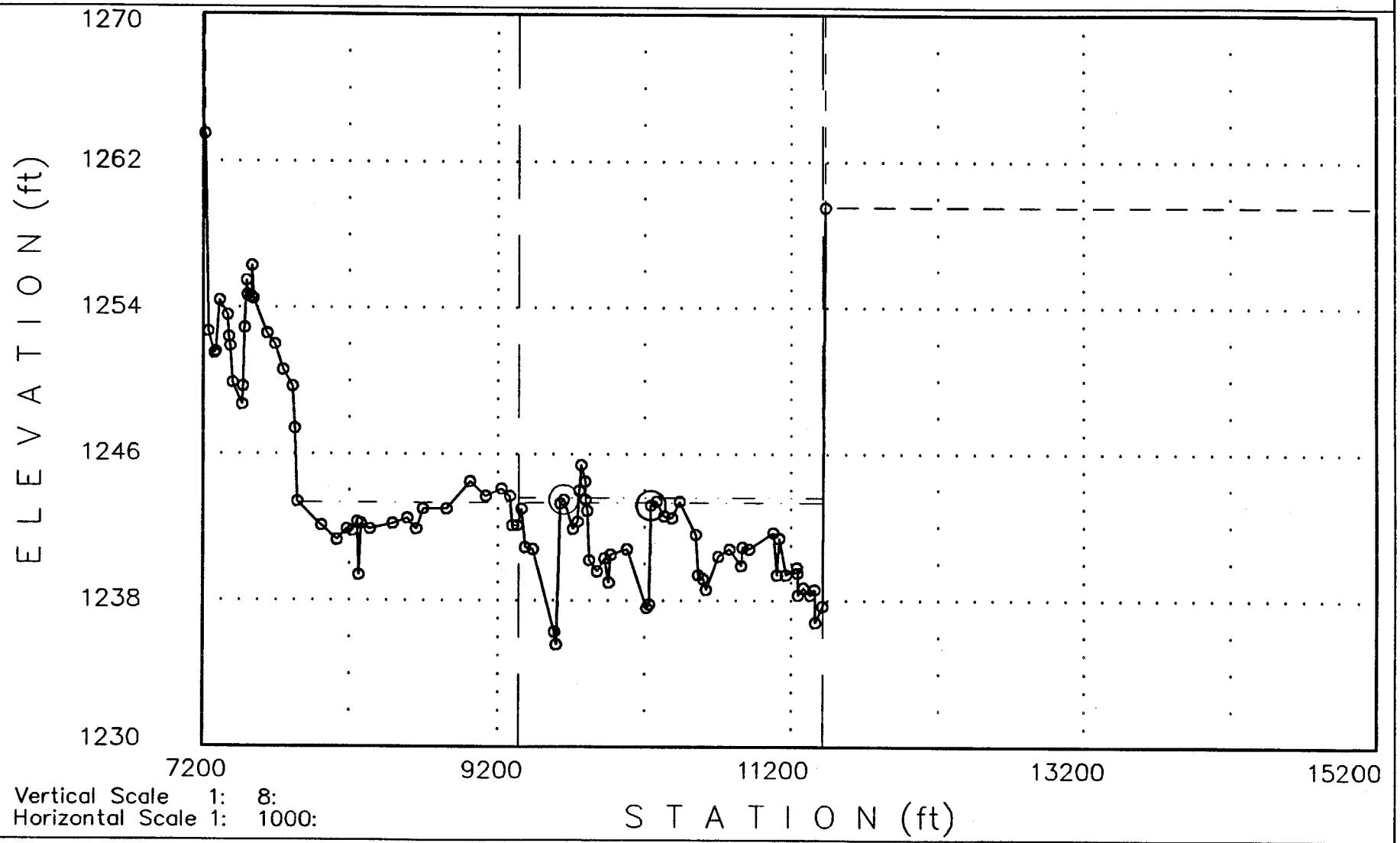
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 24.543: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1243.35
Q2= 31000cfs WS2= 1243.61

Manning-n Values: LOB: .045 CH: .035 ROB: .045



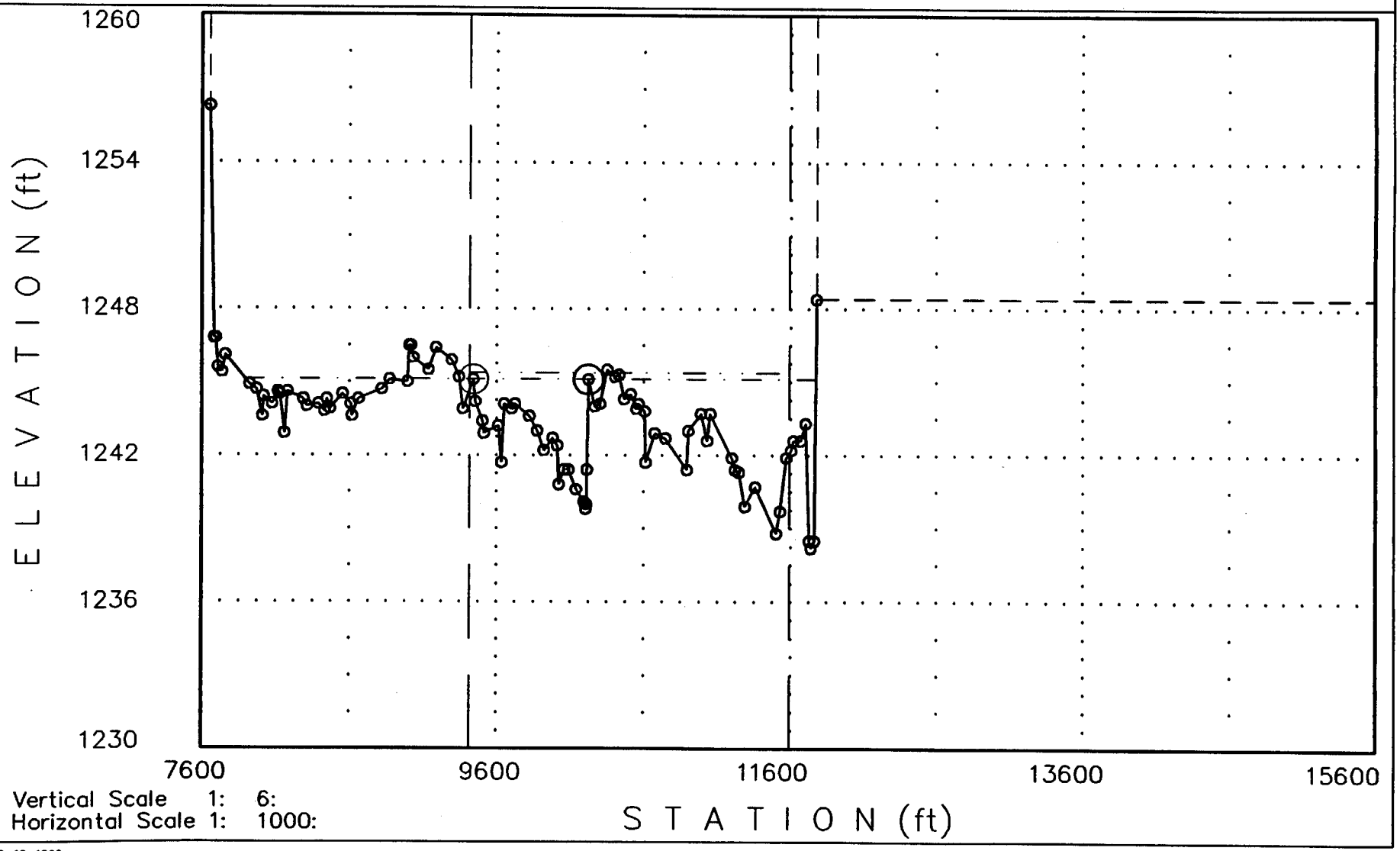
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 24.631: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1245.12
Q2= 31000cfs WS2= 1245.37

Manning-n Values: LOB: .05 CH: .035 ROB: .05



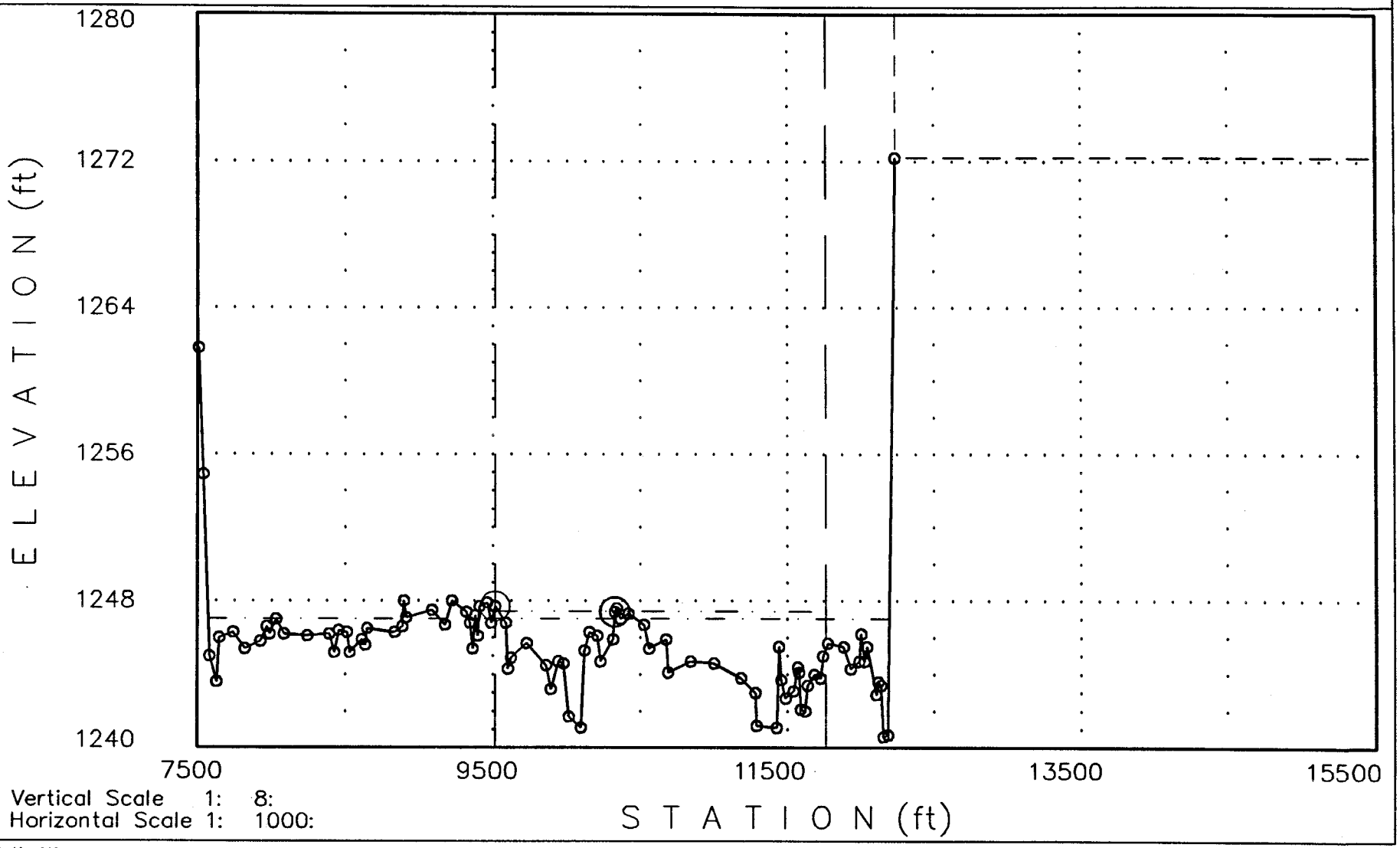
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 24.721: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1247.03
Q2= 31000cfs WS2= 1247.43

Manning-n Values: LOB: 0 - .05 CH: .035 ROB: .05



Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

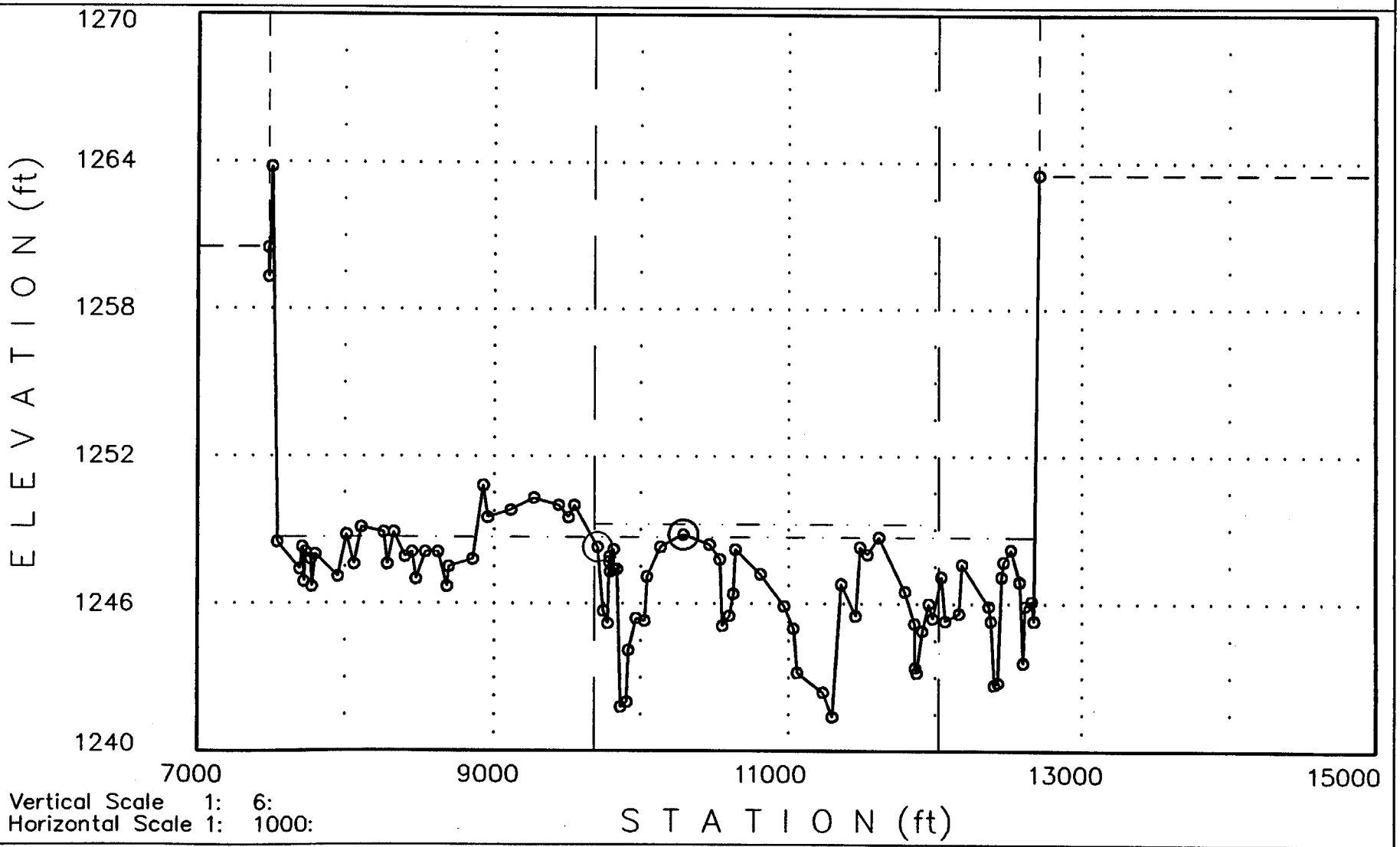
09-12-1996

<<<<<< Cross Section: 24.816: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1248.7

Q2= 31000cfs WS2= 1249.23

Manning-n Values: LOB: .05 CH: .035 ROB: .05



Vertical Scale 1: 6:

Horizontal Scale 1: 1000:

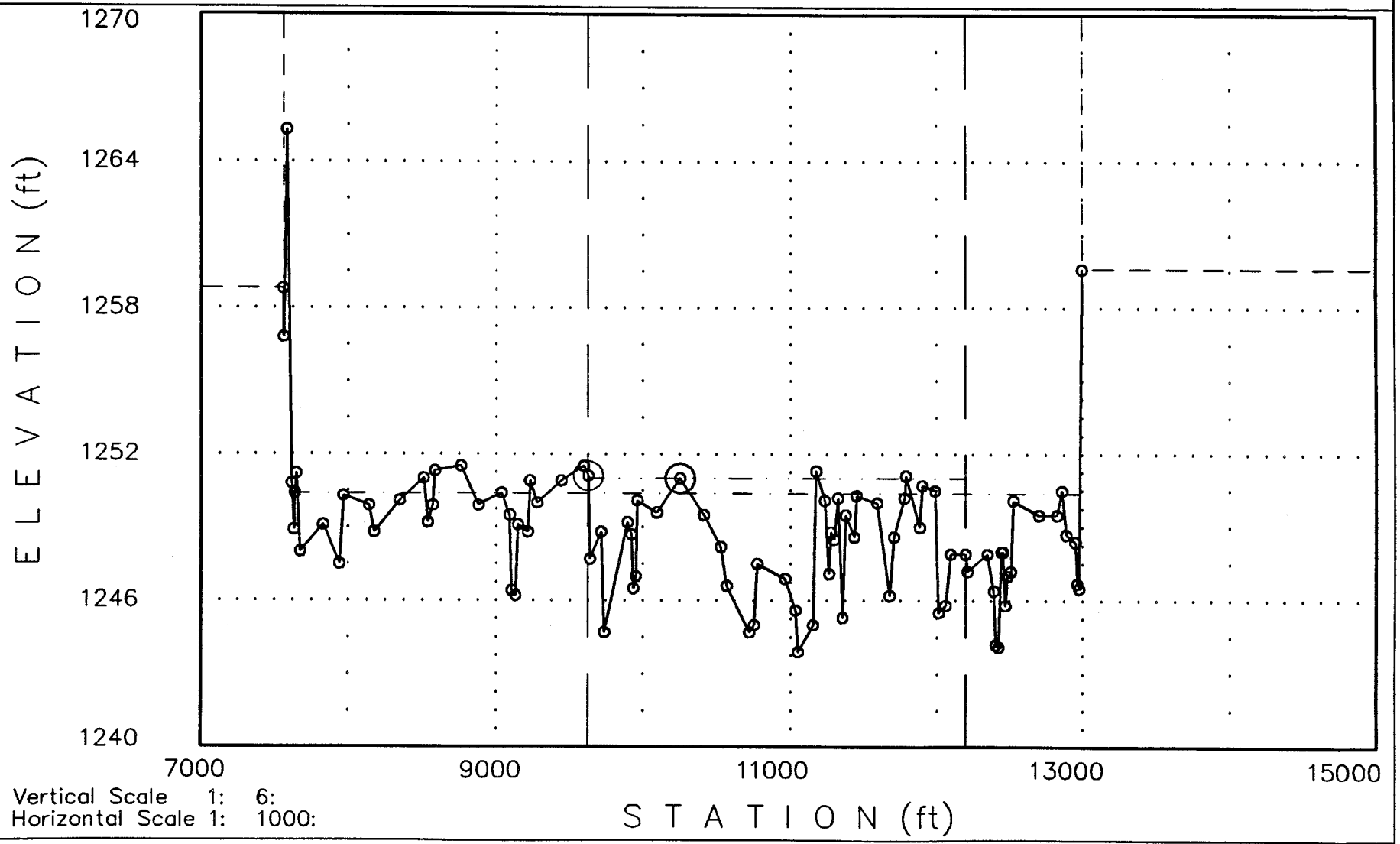
09-12-1996

<<<<<< Cross Section: 24.91: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1250.39

Q2= 31000cfs WS2= 1251

Manning-n Values: LOB: 0 - .05 CH: .035 ROB: .05



Vertical Scale 1: 6:

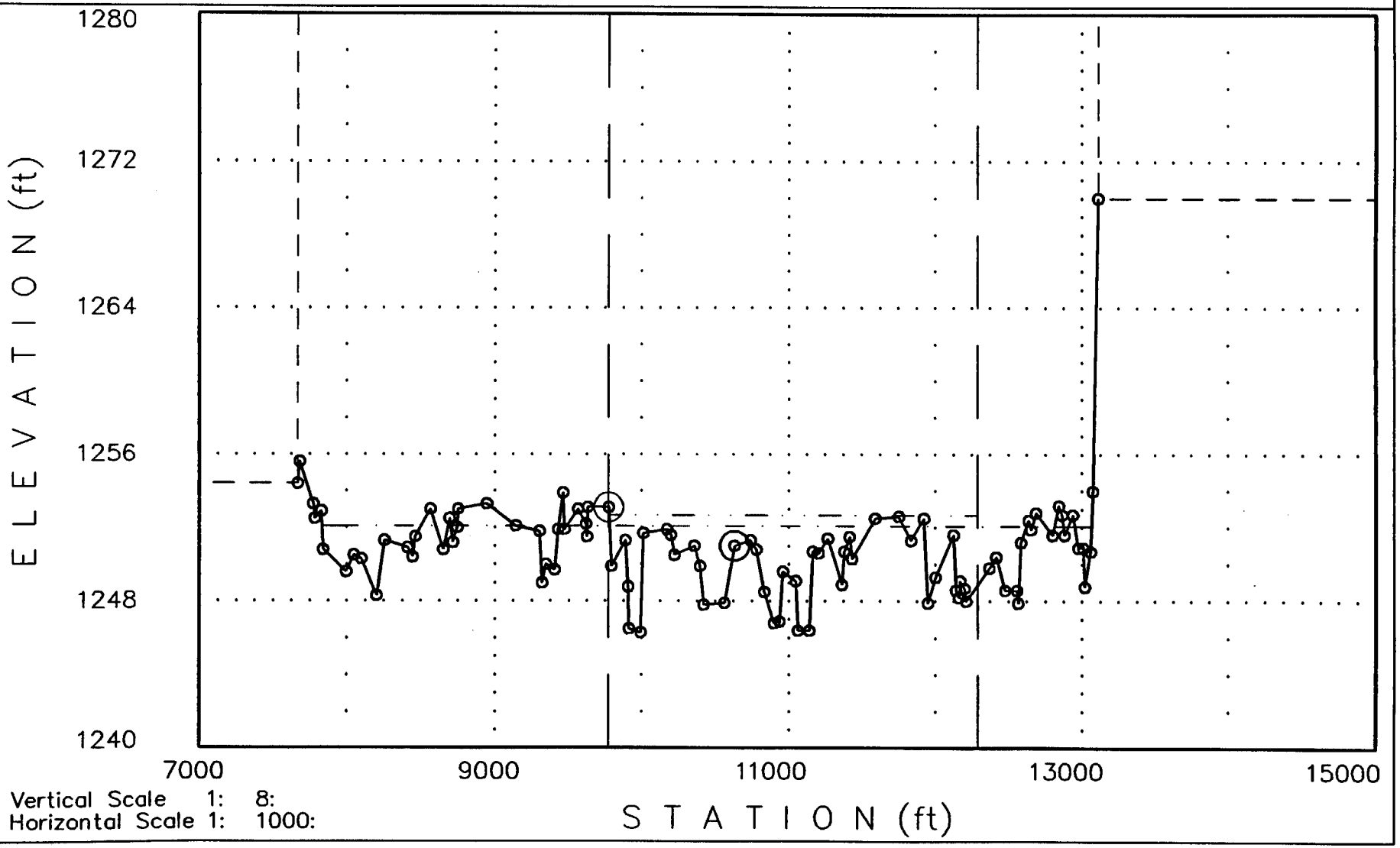
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 24.996: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1252.08
Q2= 31000cfs WS2= 1252.67

Manning-n Values: LOB: 0 - .05 CH: .035 ROB: .05



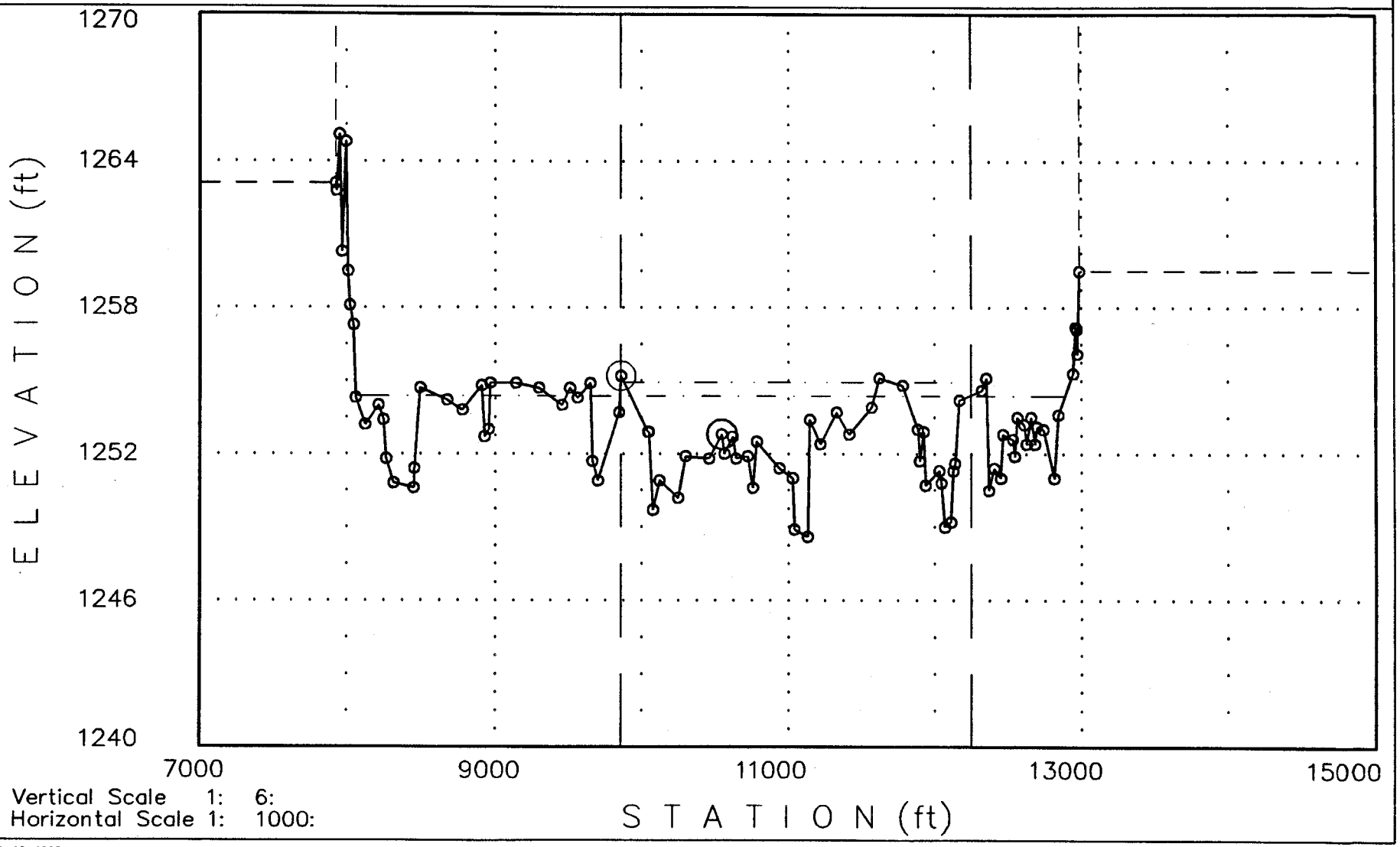
Vertical Scale 1: 8:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 25.098: (FN = AGUAFRIA.20) >>>>>>

Q1= 31000cfs WS1= 1254.38
Q2= 31000cfs WS2= 1254.94

Manning-n Values: LOB: 0 - .05 CH: .035 ROB: .05



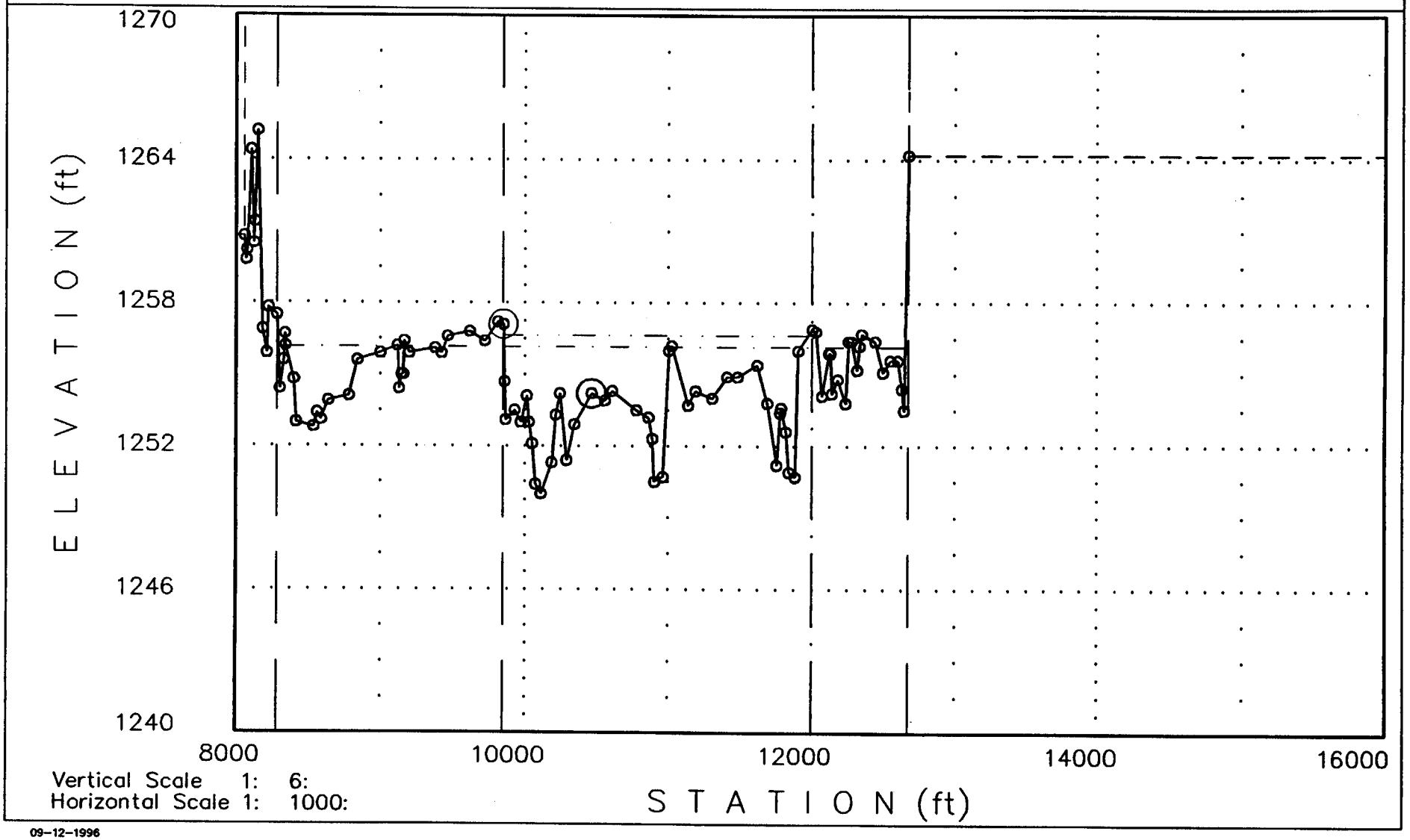
Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 25.192: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1256.15
Q2= 29000cfs WS2= 1256.63

Manning-n Values: LOB: 0 - .05 CH: .03 ROB: .05



Vertical Scale 1: 6:
Horizontal Scale 1: 1000:

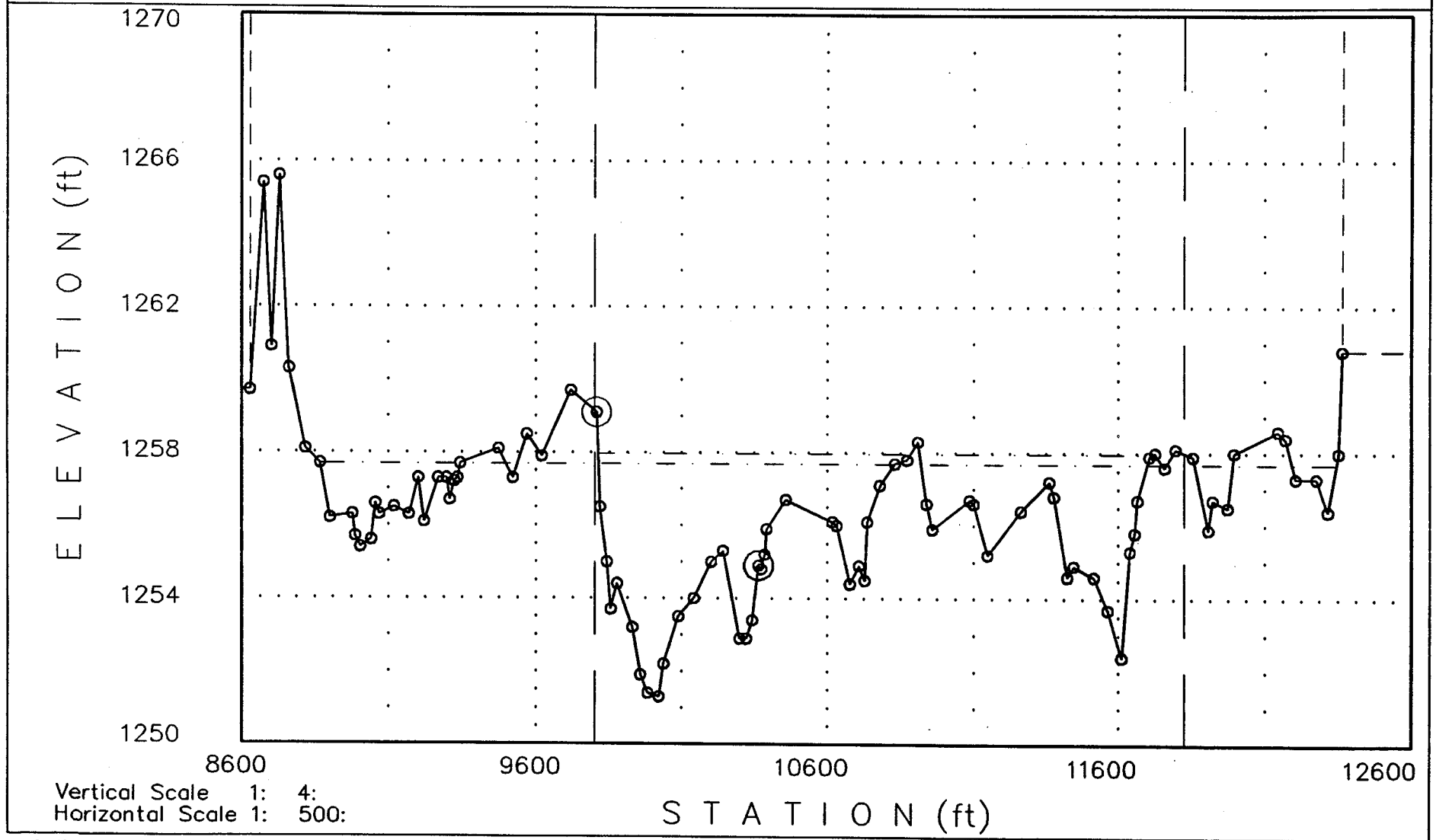
09-12-1996

<<<<<< Cross Section: 25.288: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1257.69

Q2= 29000cfs WS2= 1257.96

Manning-n Values: LOB: 0 - .05 CH: .03 ROB: .05



Vertical Scale 1: 4:

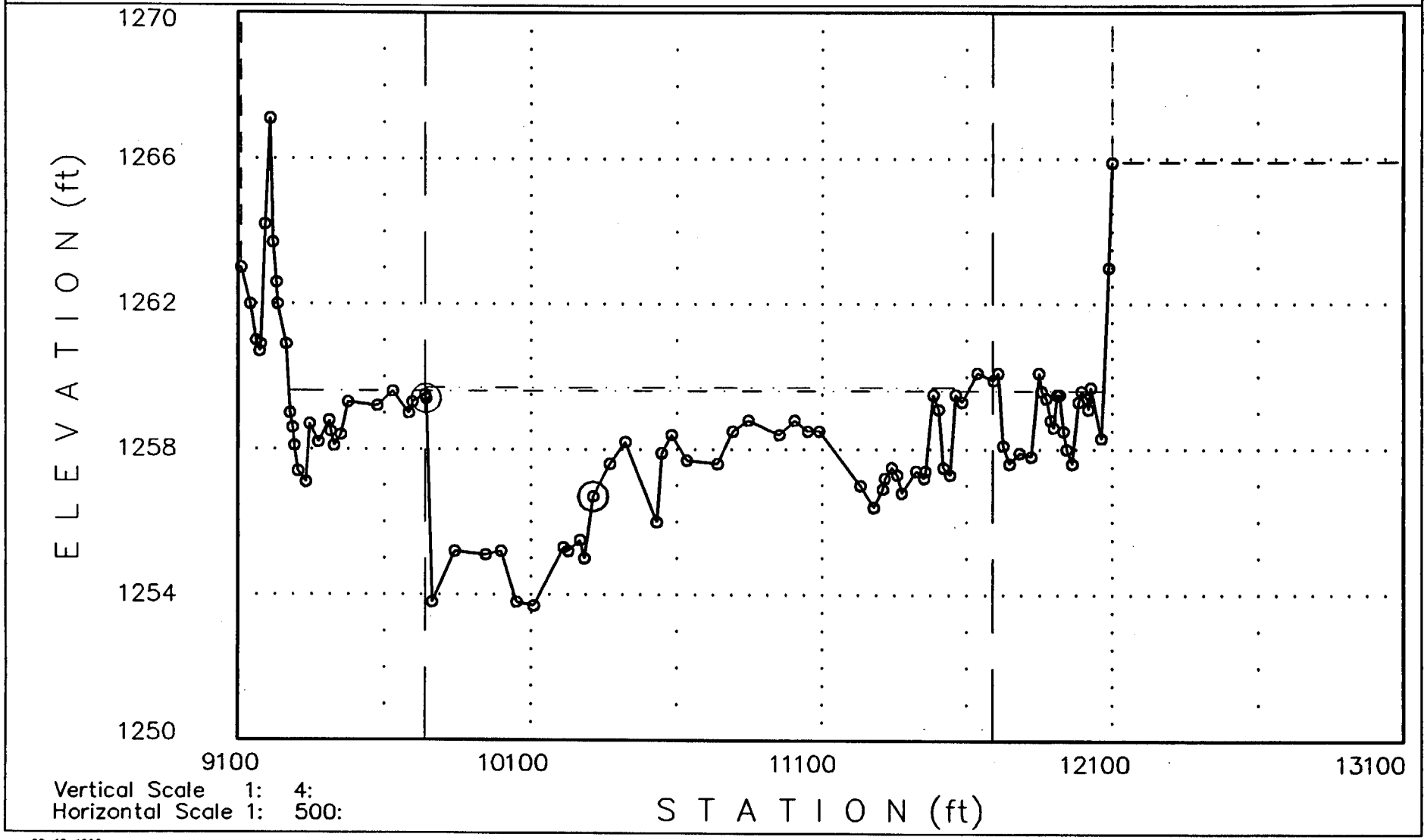
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.382: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1259.61
Q2= 29000cfs WS2= 1259.71

Manning-n Values: LOB: .05 CH: .03 ROB: .05



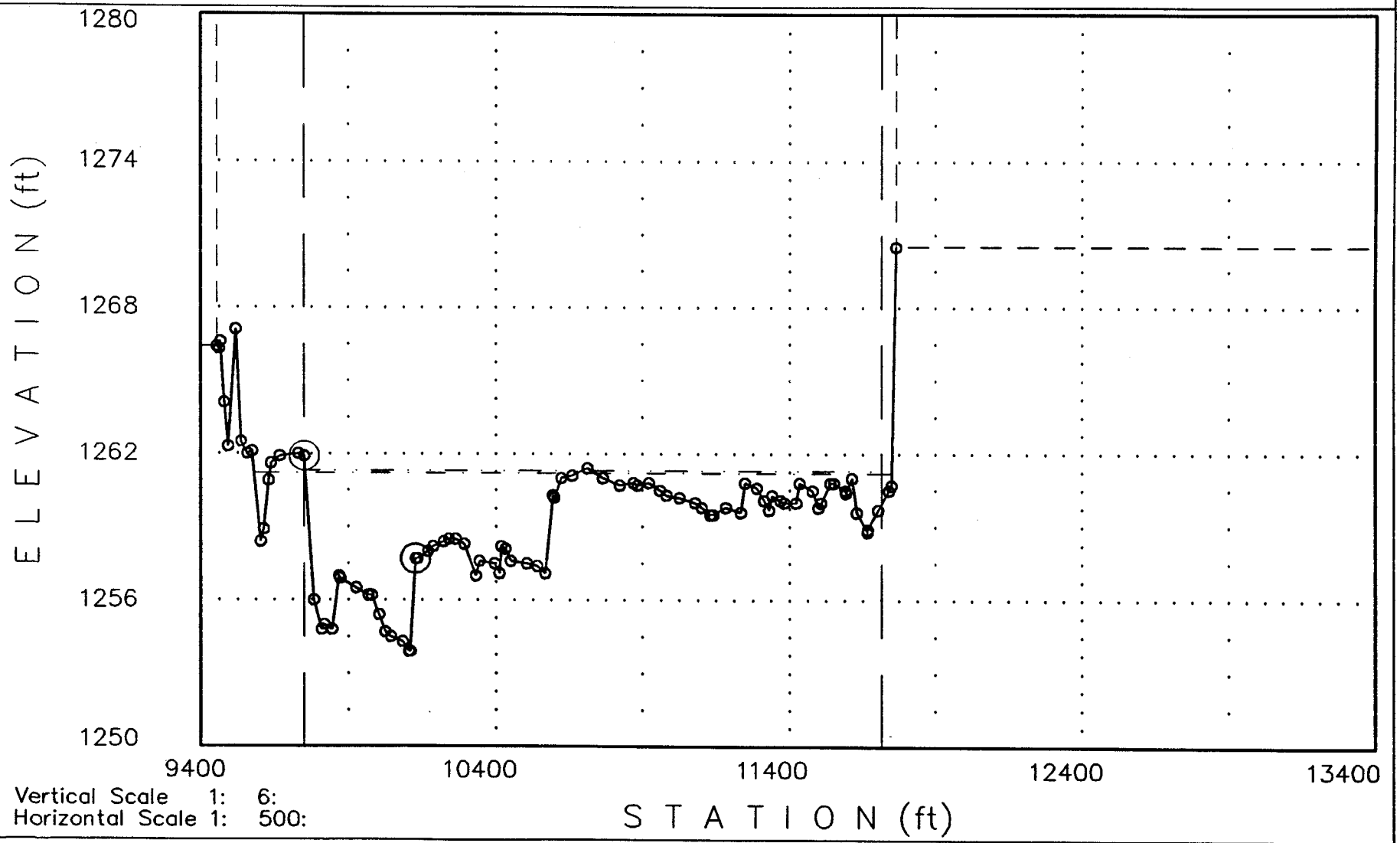
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.478: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1261.2
Q2= 29000cfs WS2= 1261.31

Manning-n Values: LOB: 0 - .05 CH: .03 ROB: .05



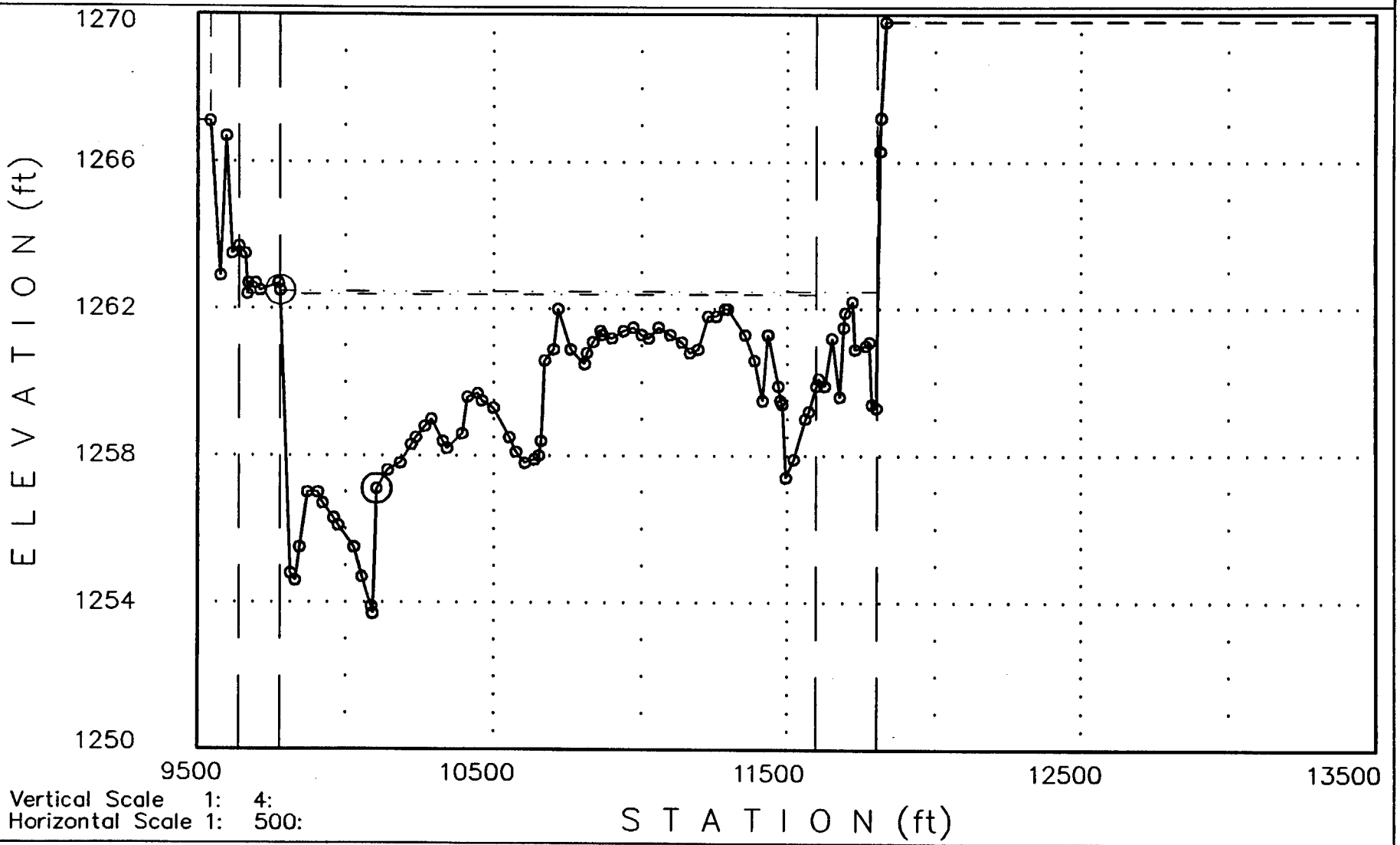
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.526: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1262.41
Q2= 29000cfs WS2= 1262.48

Manning-n Values: LOB: 0 CH: .03 ROB: .05



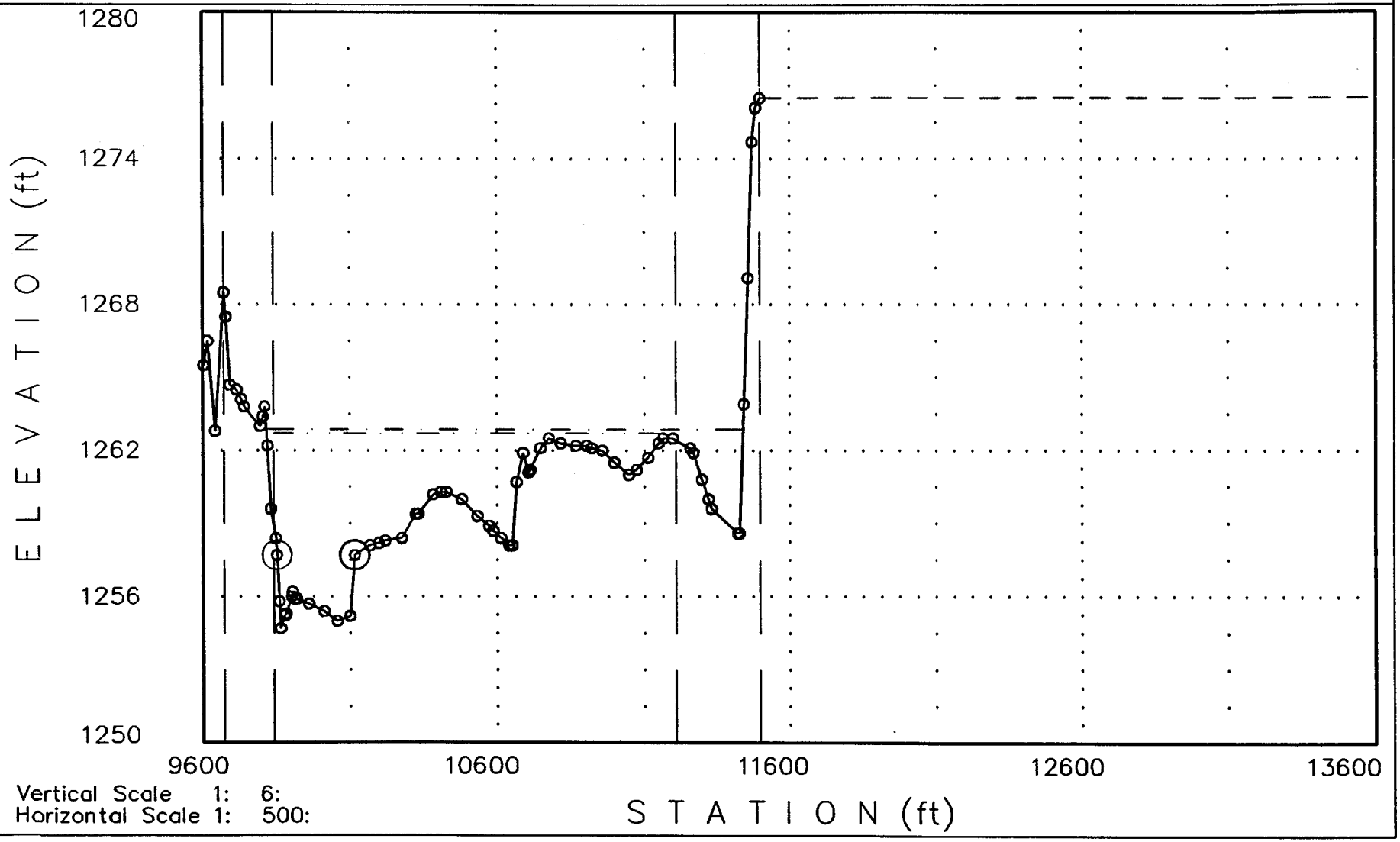
Vertical Scale 1: 4:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.572: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1262.88
Q2= 29000cfs WS2= 1262.71

Manning-n Values: LOB: .05 CH: .03 ROB: .05



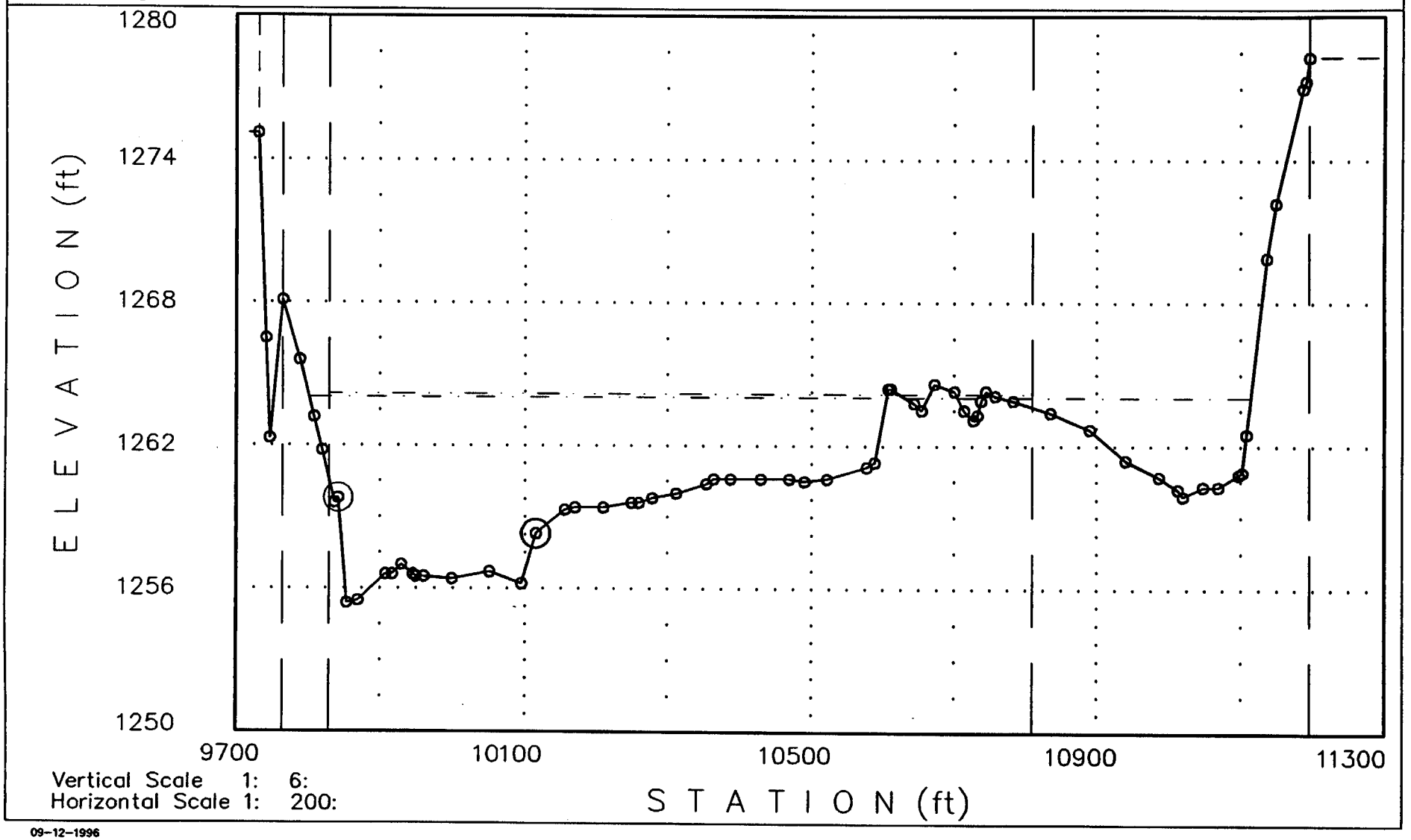
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.666: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1264.04
Q2= 29000cfs WS2= 1264.18

Manning-n Values: LOB: .05 CH: .03 ROB: .05



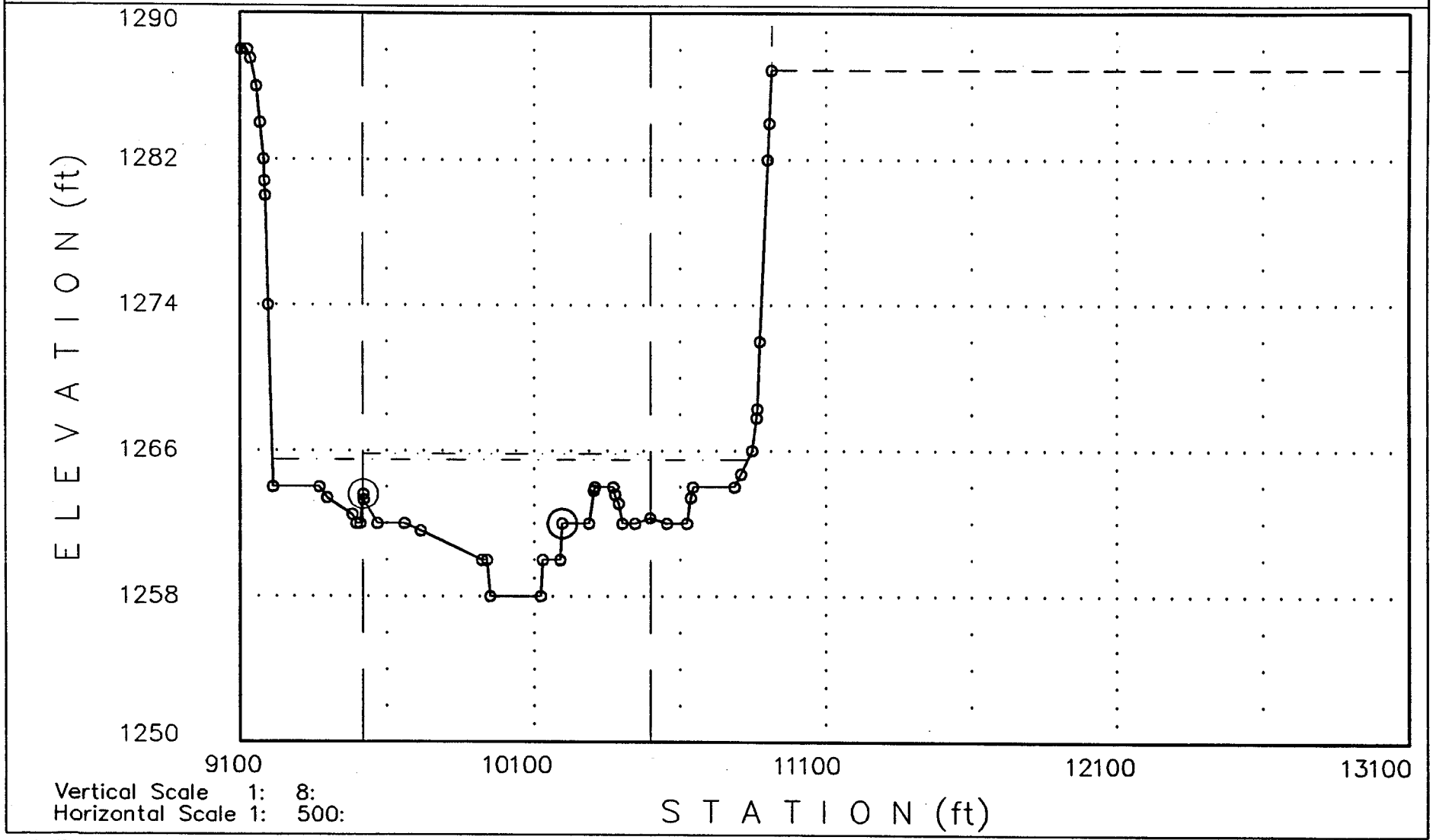
Vertical Scale 1: 6:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 25.691: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1265.52
Q2= 29000cfs WS2= 1265.82

Manning-n Values: LOB: .05 CH: .03 ROB: .05



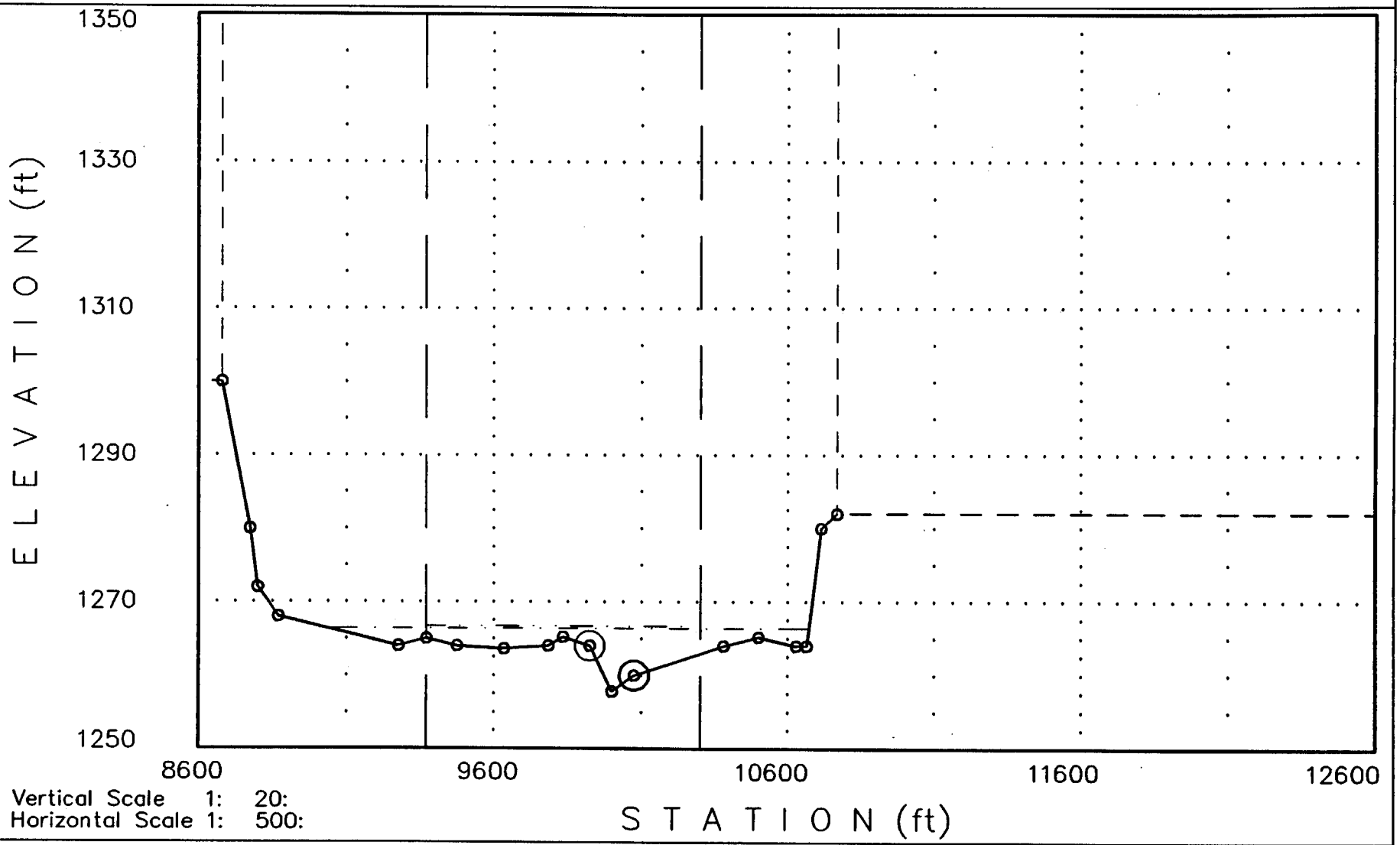
Vertical Scale 1: 8:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.72: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1266.39
Q2= 29000cfs WS2= 1266.76

Manning-n Values: LOB: .05 CH: .03 ROB: .05



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

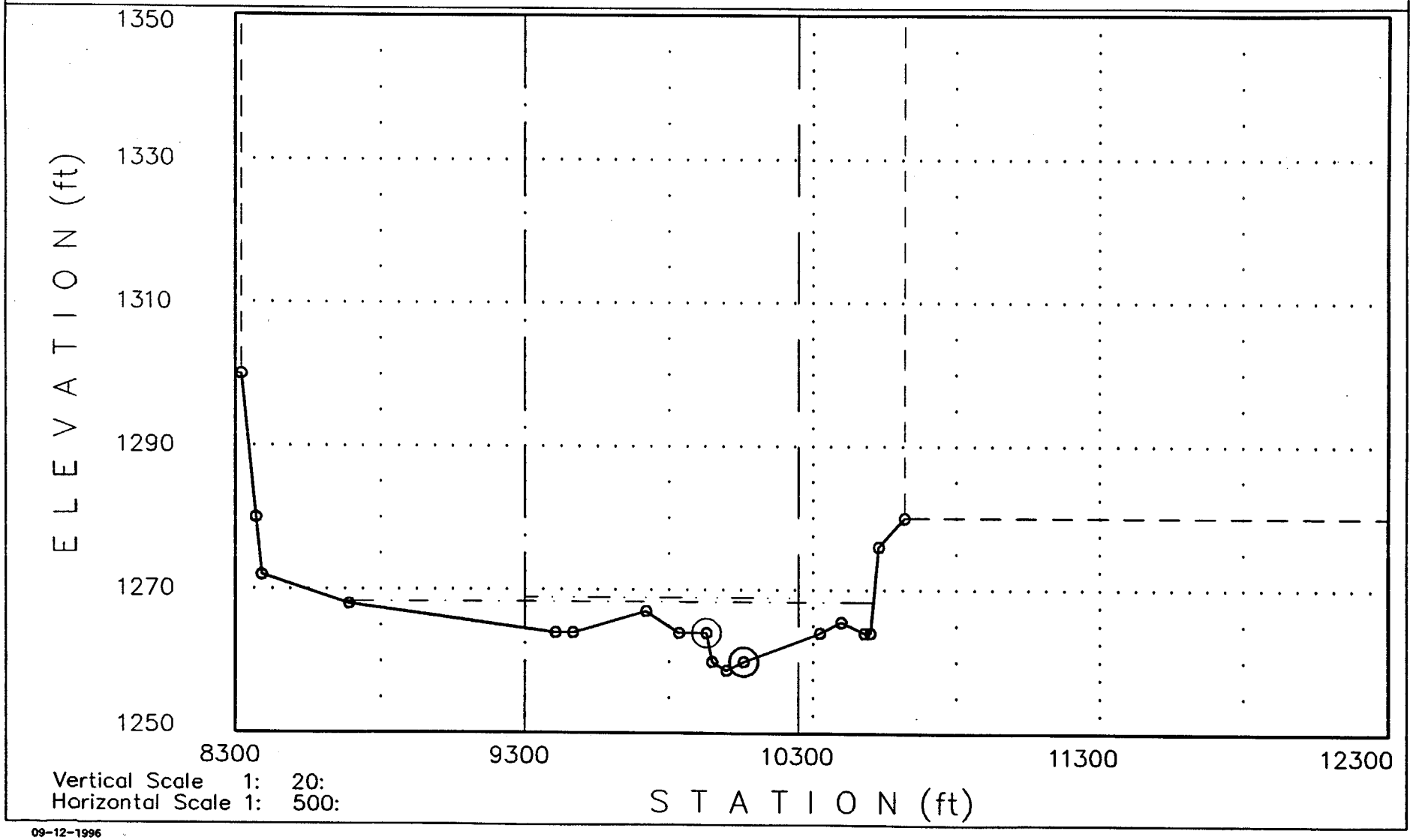
09-12-1996

<<<<<< Cross Section: 25.79: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1268.35

Q2= 29000cfs WS2= 1268.95

Manning-n Values: LOB: .05 CH: .03 ROB: .05



Vertical Scale 1: 20:

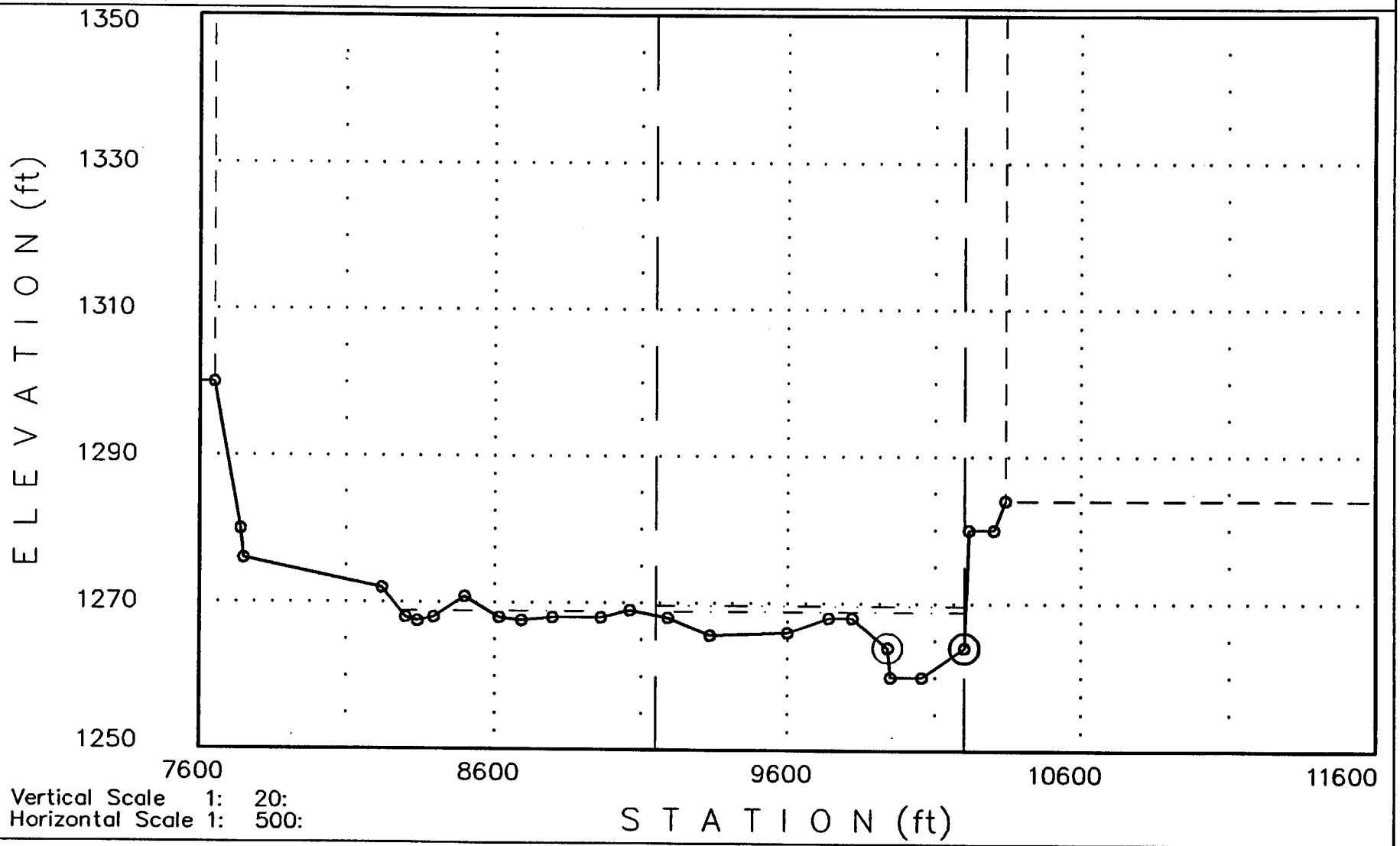
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 25.86: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1268.84
Q2= 29000cfs WS2= 1269.68

Manning-n Values: LOB: .05 CH: .03 ROB: .05



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

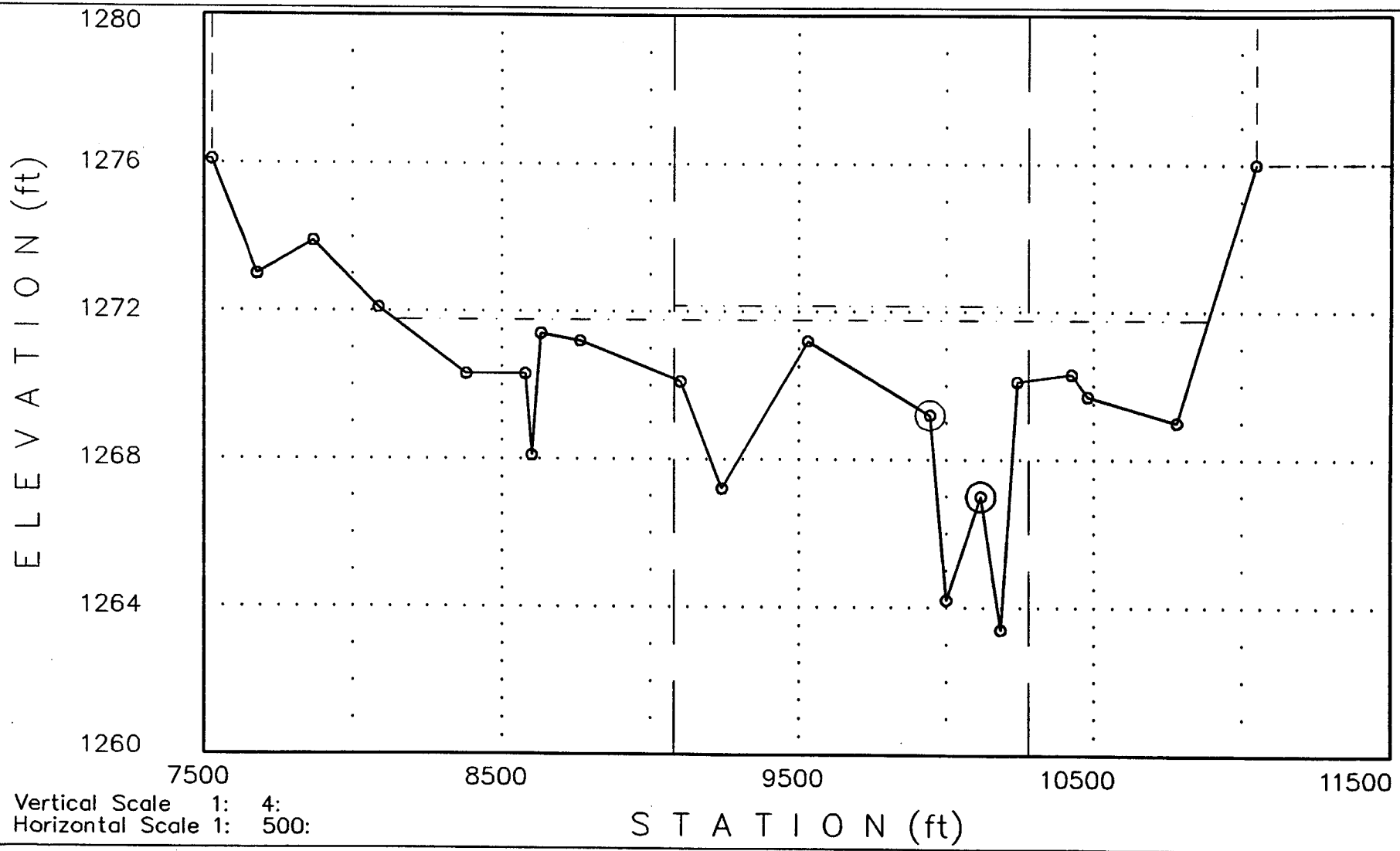
09-12-1996

<<<<<< Cross Section: 25.94: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1271.77

Q2= 29000cfs WS2= 1272.17

Manning-n Values: LOB: .06 CH: .035 ROB: .065



Vertical Scale 1: 4:

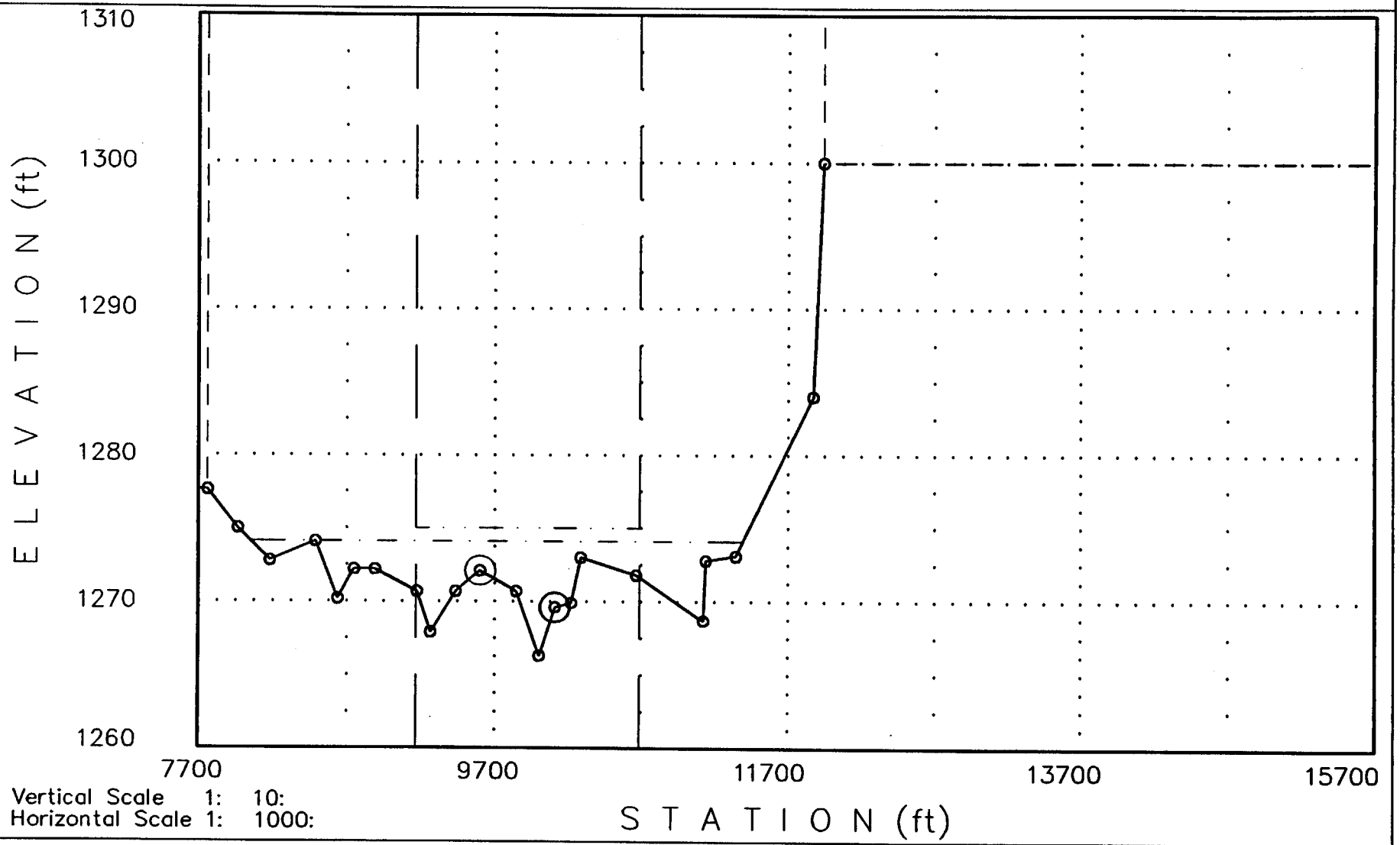
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 26.03: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1274.11
Q2= 29000cfs WS2= 1275.01

Manning-n Values: LOB: .06 CH: .035 ROB: .065



Vertical Scale 1: 10:
Horizontal Scale 1: 1000:

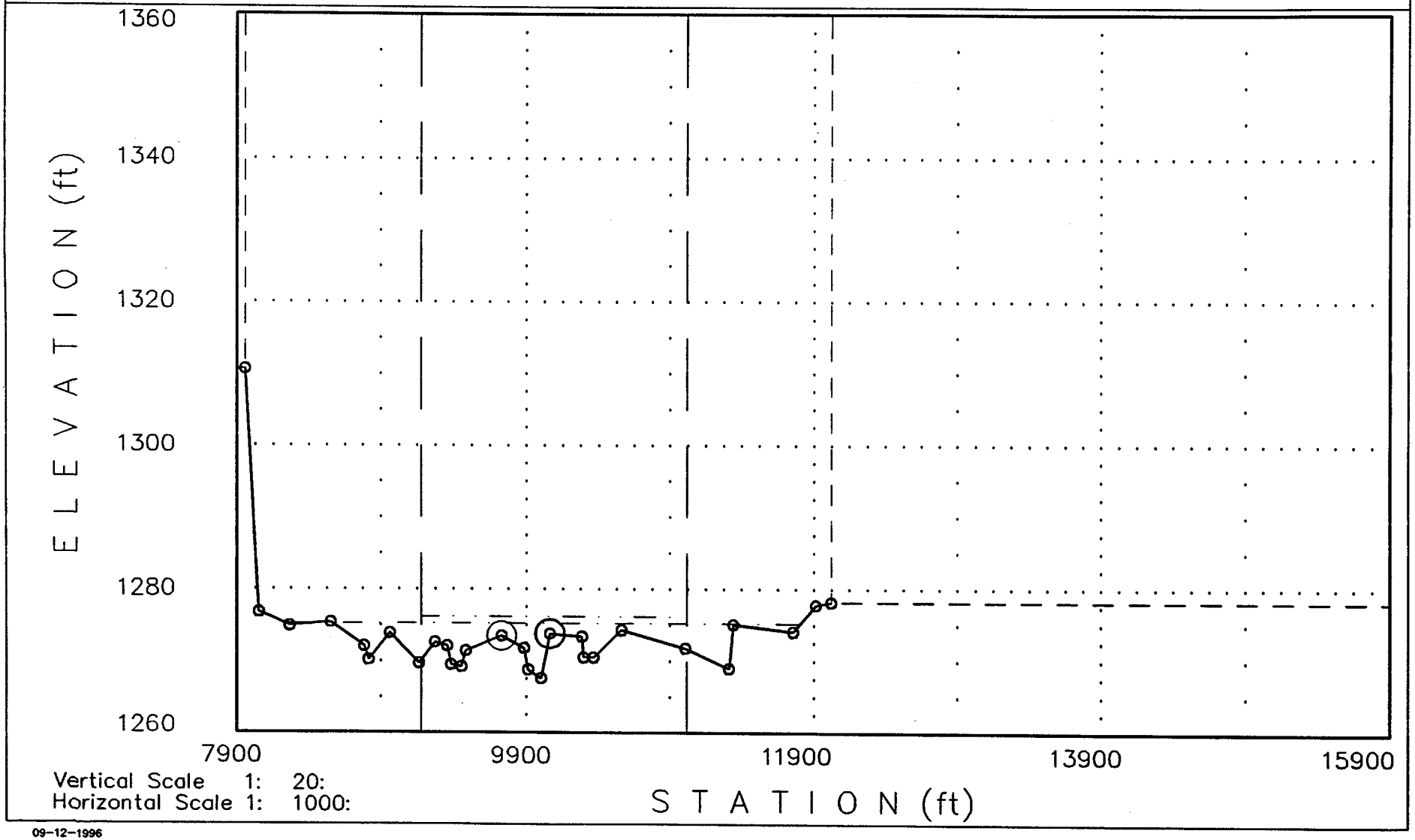
09-12-1996

<<<<<< Cross Section: 26.12: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1275.23

Q2= 29000cfs WS2= 1276.2

Manning-n Values: LOB: .06 CH: .035 ROB: .065



Vertical Scale 1: 20:

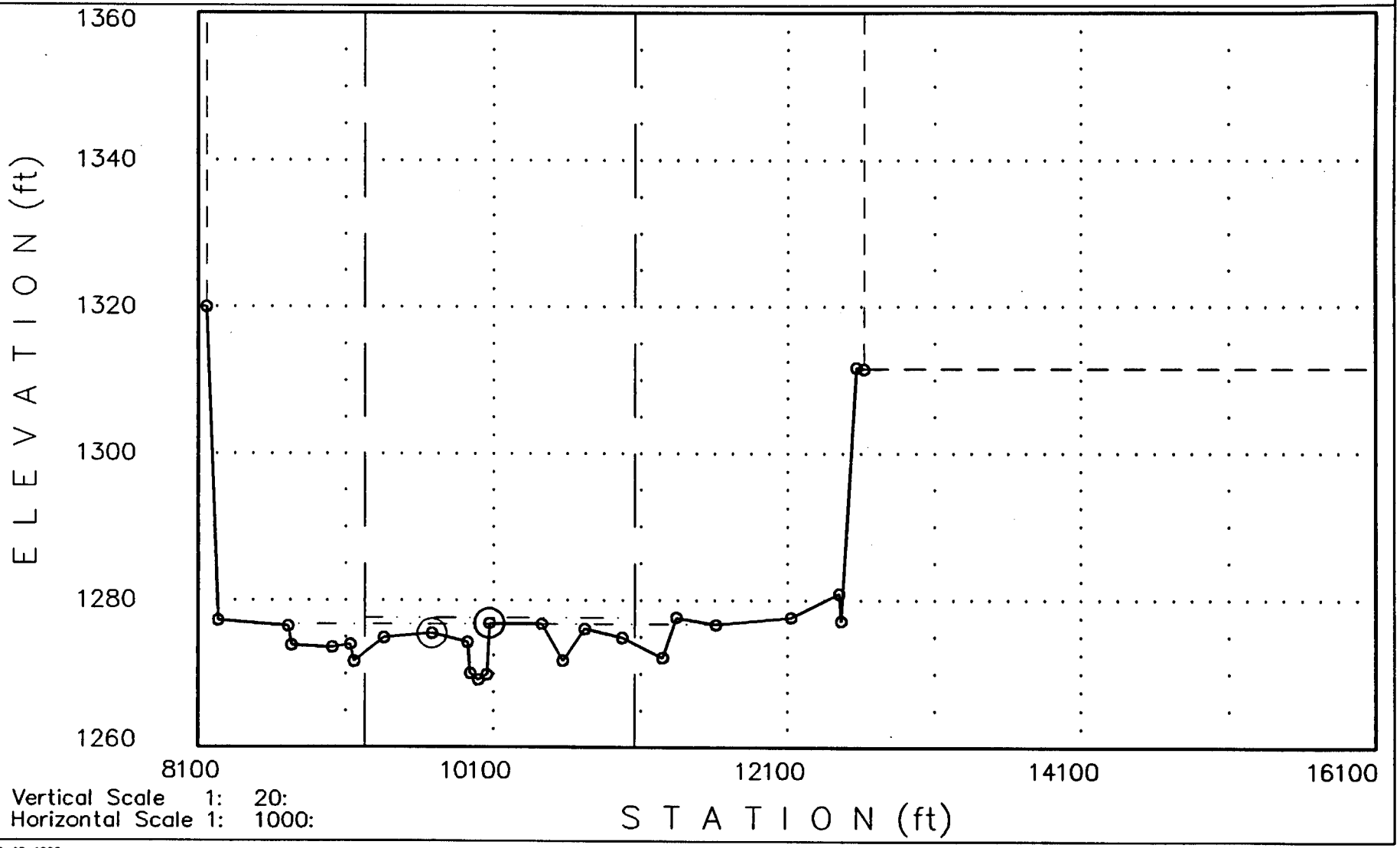
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.2: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1276.79
Q2= 29000cfs WS2= 1277.65

Manning-n Values: LOB: .06 CH: .035 ROB: .065



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

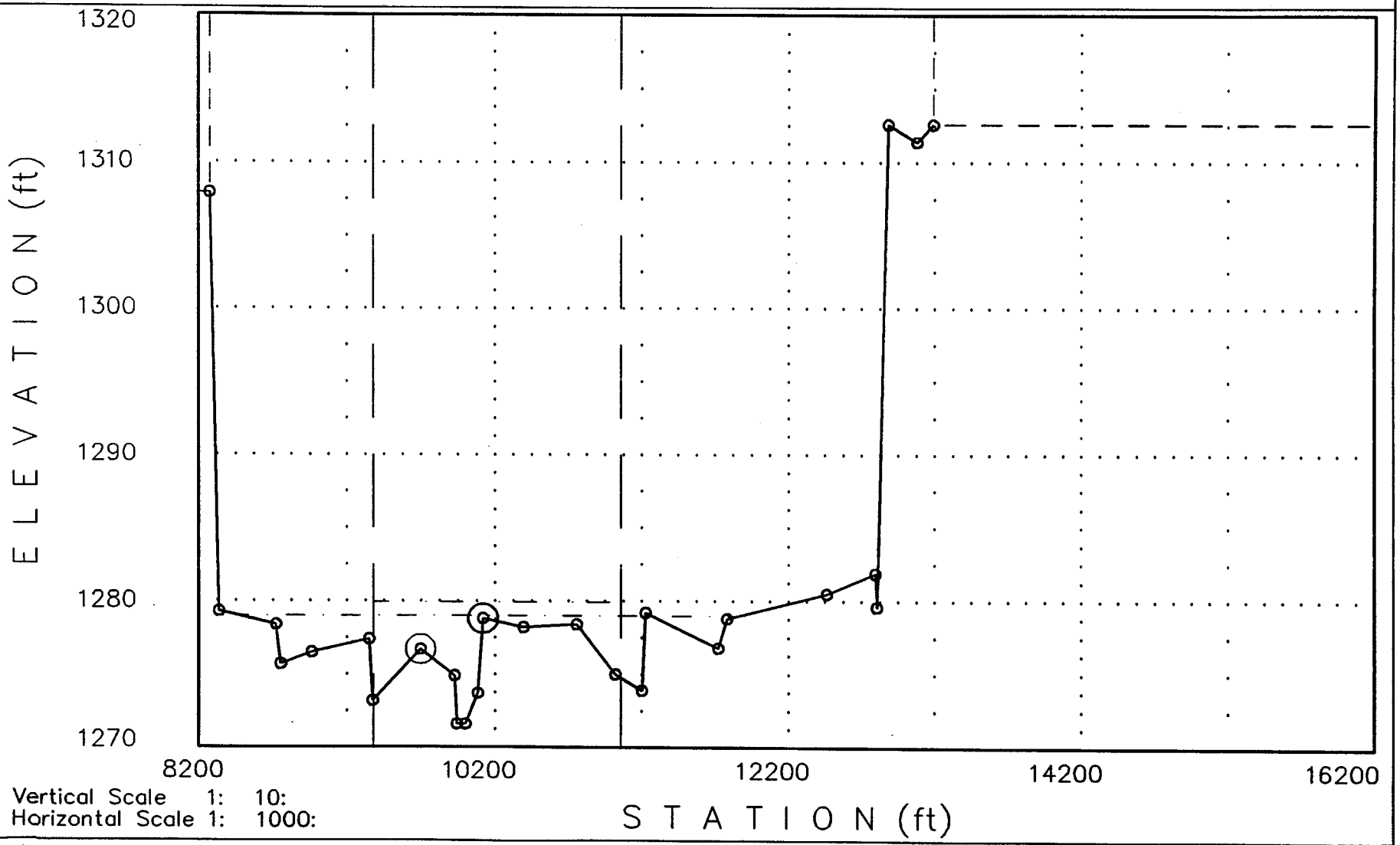
09-12-1996

<<<<<< Cross Section: 26.29: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1279.01

Q2= 29000cfs WS2= 1279.92

Manning-n Values: LOB: .06 CH: .035 ROB: .065



Vertical Scale 1: 10:

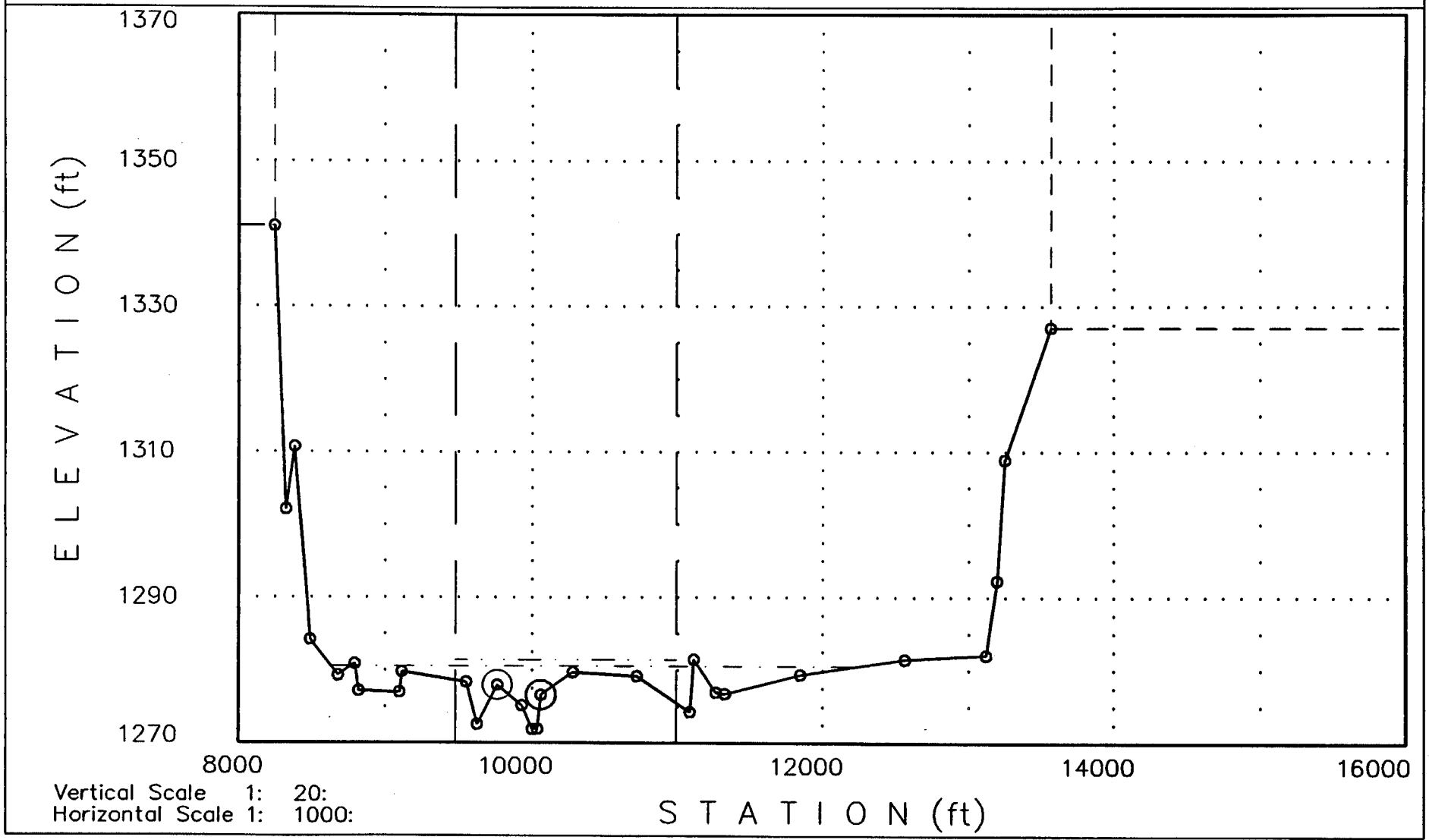
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.37: (FN = AGUAFRIA.20) >>>>>>

Q1= 29000cfs WS1= 1280.59
Q2= 29000cfs WS2= 1281.46

Manning-n Values: LOB: .06 CH: .035 ROB: .065



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

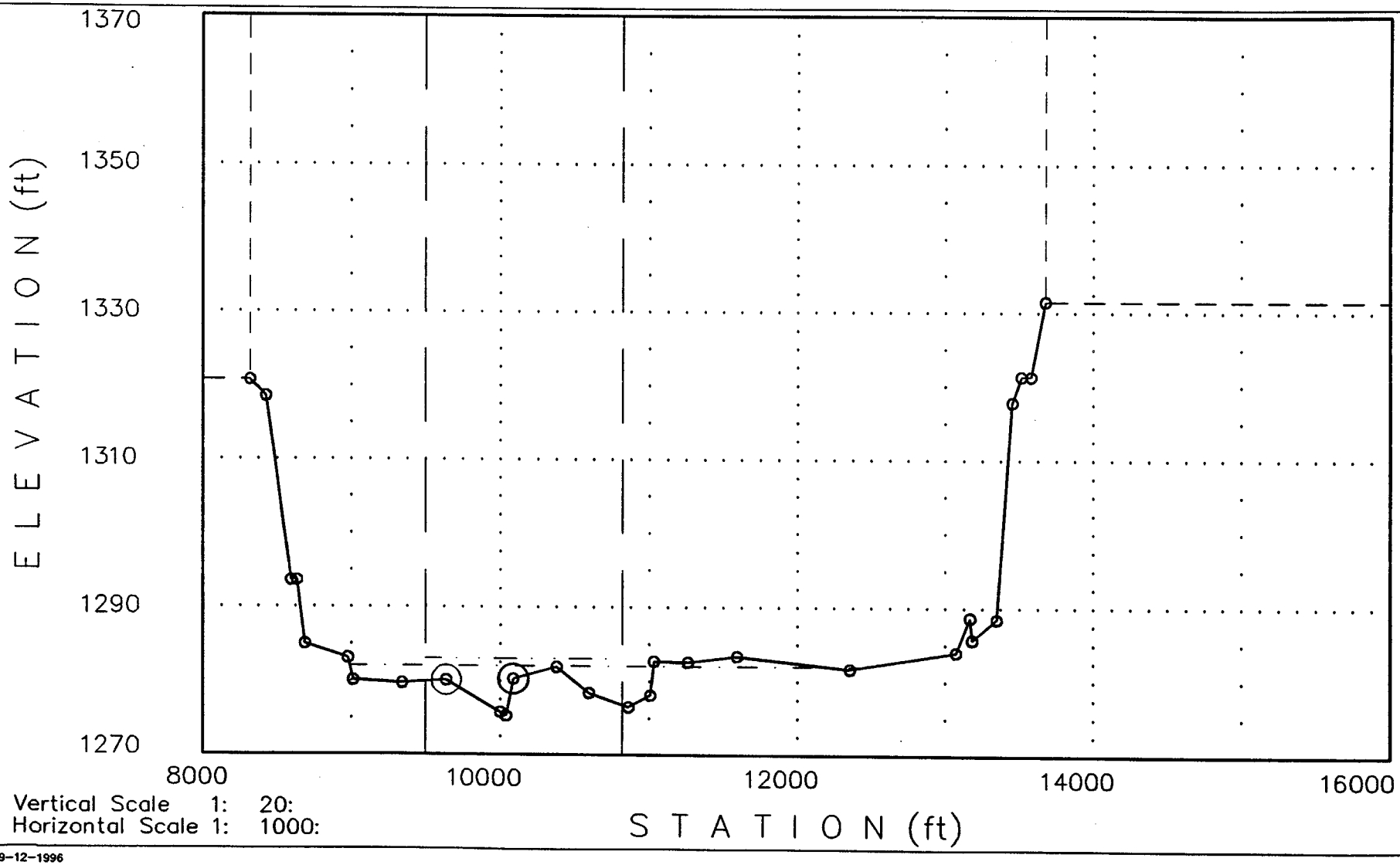
09-12-1996

<<<<<< Cross Section: 26.47: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1282.05

Q2= 27000cfs WS2= 1283.03

Manning-n Values: LOB: .06 CH: .035 ROB: .07



Vertical Scale 1: 20:

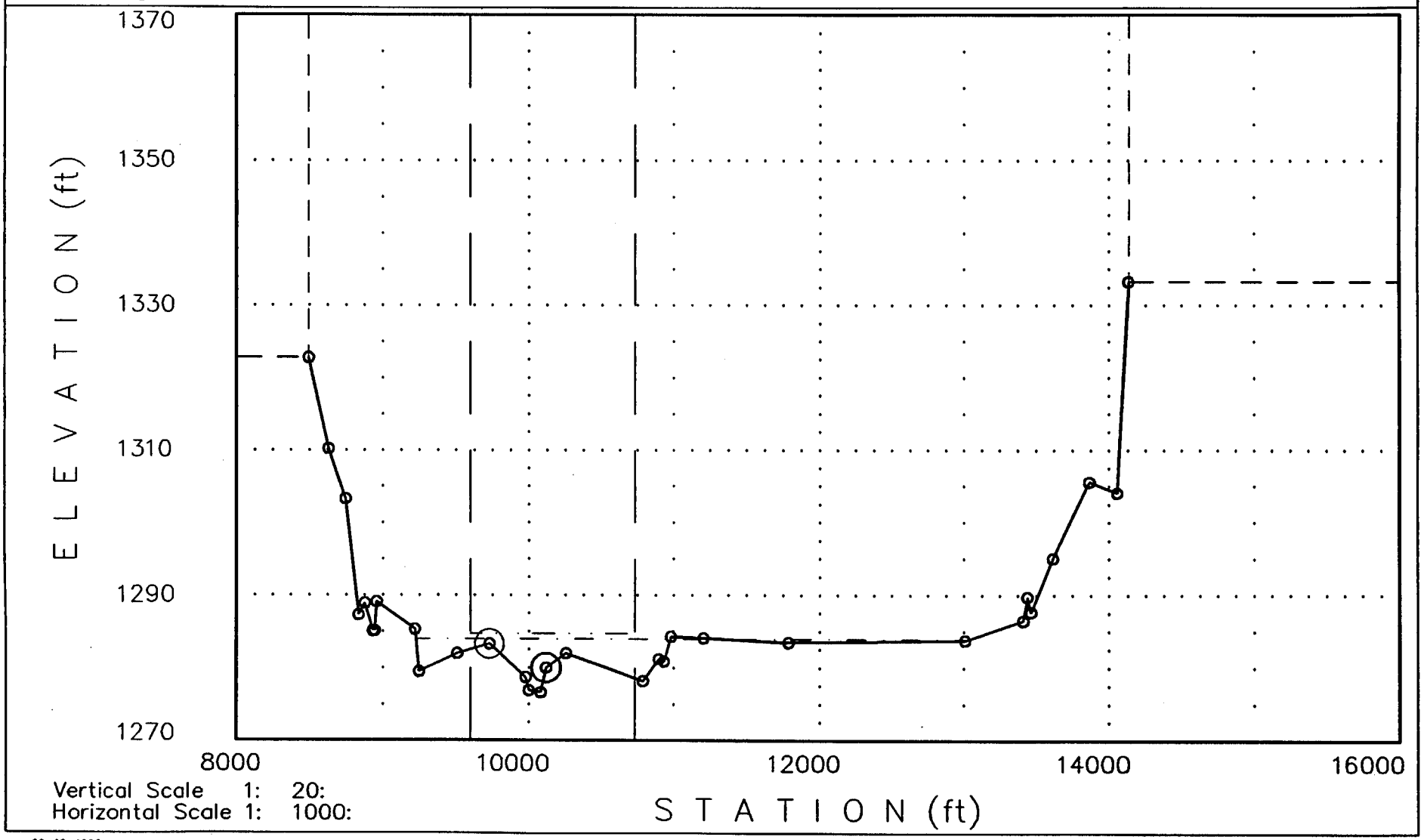
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.55: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1283.99
Q2= 27000cfs WS2= 1284.7

Manning-n Values: LOB: .06 CH: .035 ROB: .07



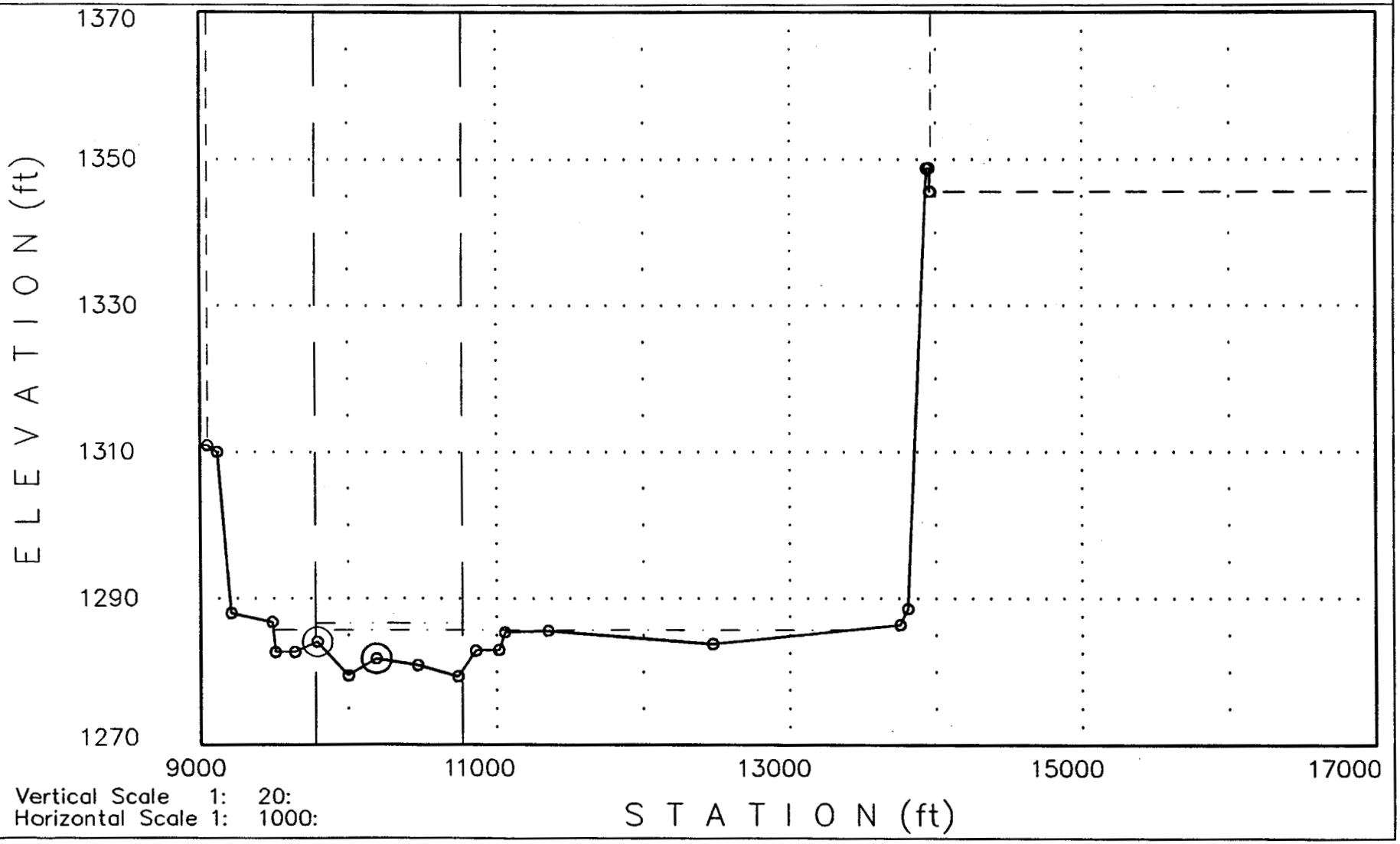
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.63: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1285.76
Q2= 27000cfs WS2= 1286.65

Manning-n Values: LOB: .06 CH: .035 ROB: .07



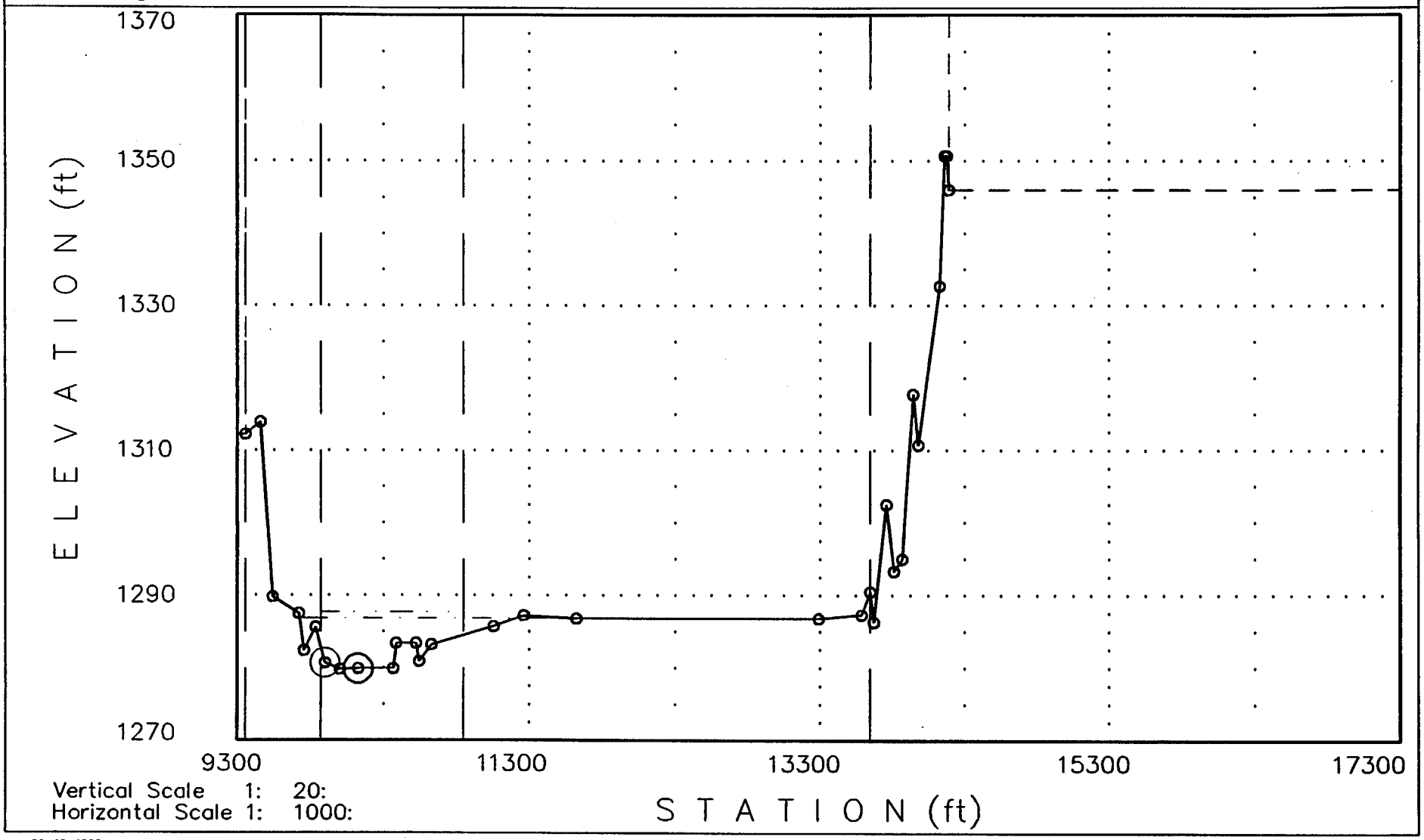
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.73: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1286.89
Q2= 27000cfs WS2= 1287.75

Manning-n Values: LOB: .06 CH: .035 ROB: .07



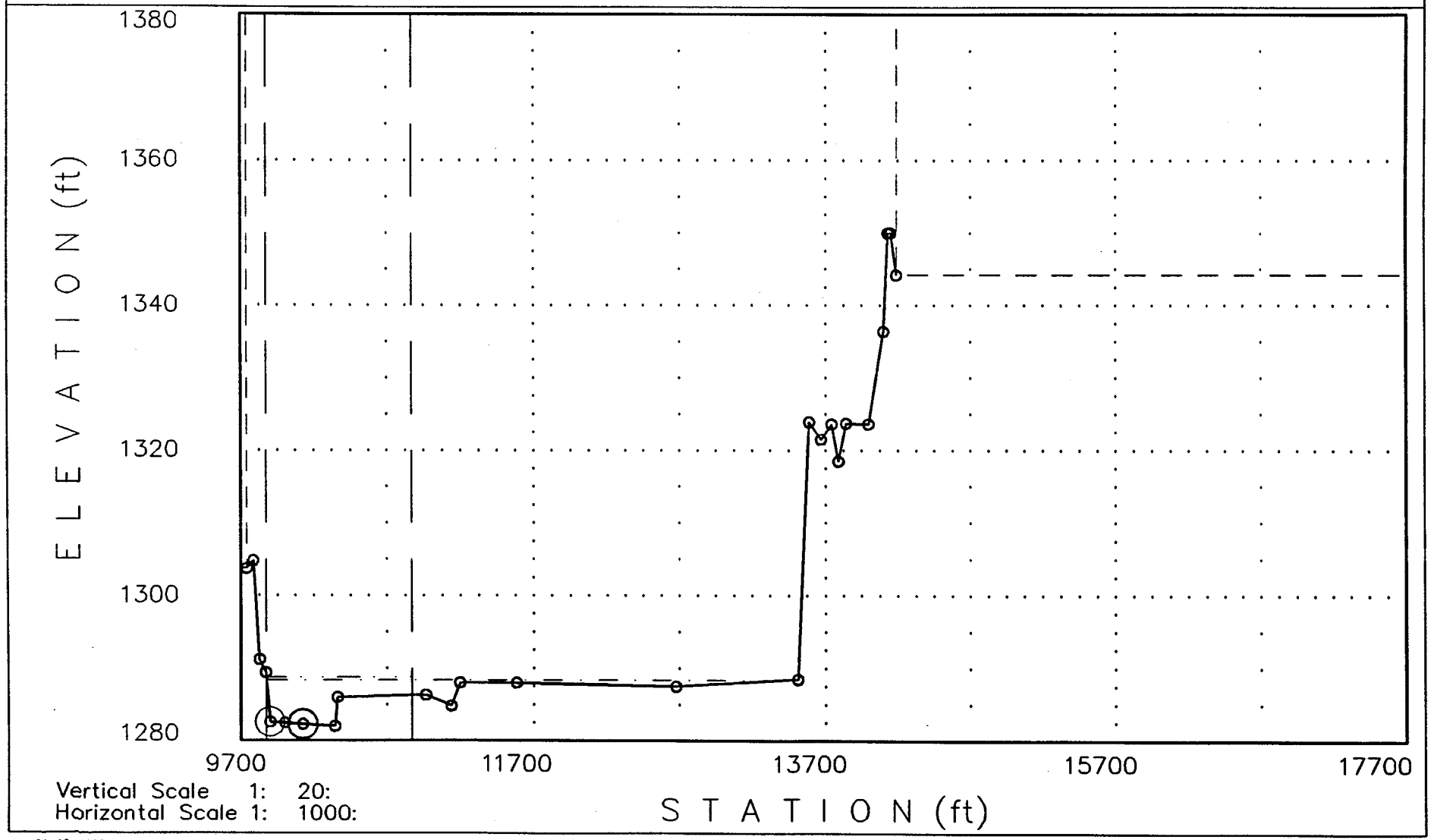
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.83: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1288.37
Q2= 27000cfs WS2= 1288.78

Manning-n Values: LOB: .06 CH: .035 ROB: .07



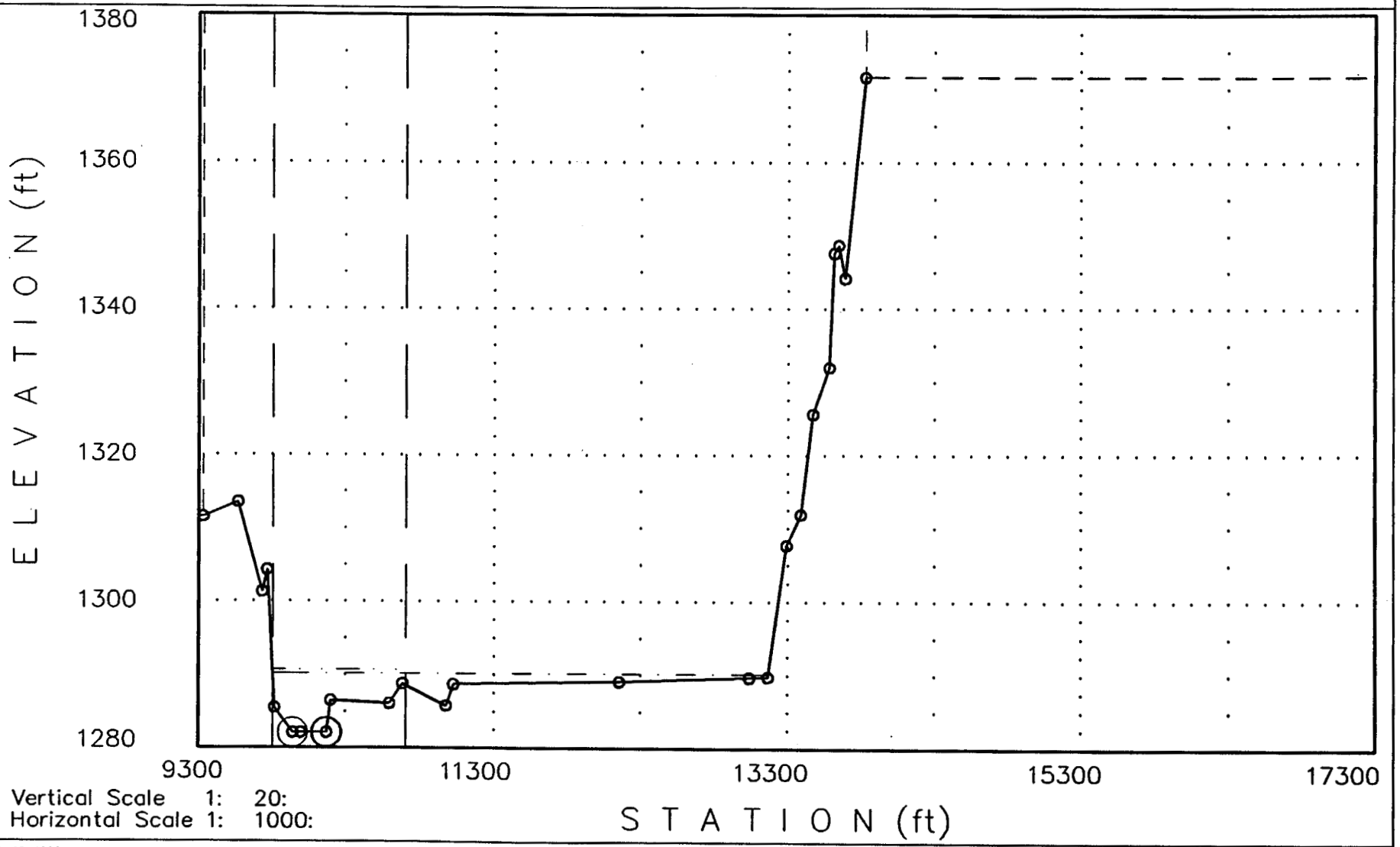
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 26.94: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1290.17
Q2= 27000cfs WS2= 1290.72

Manning-n Values: LOB: .06 CH: .035 ROB: .07



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

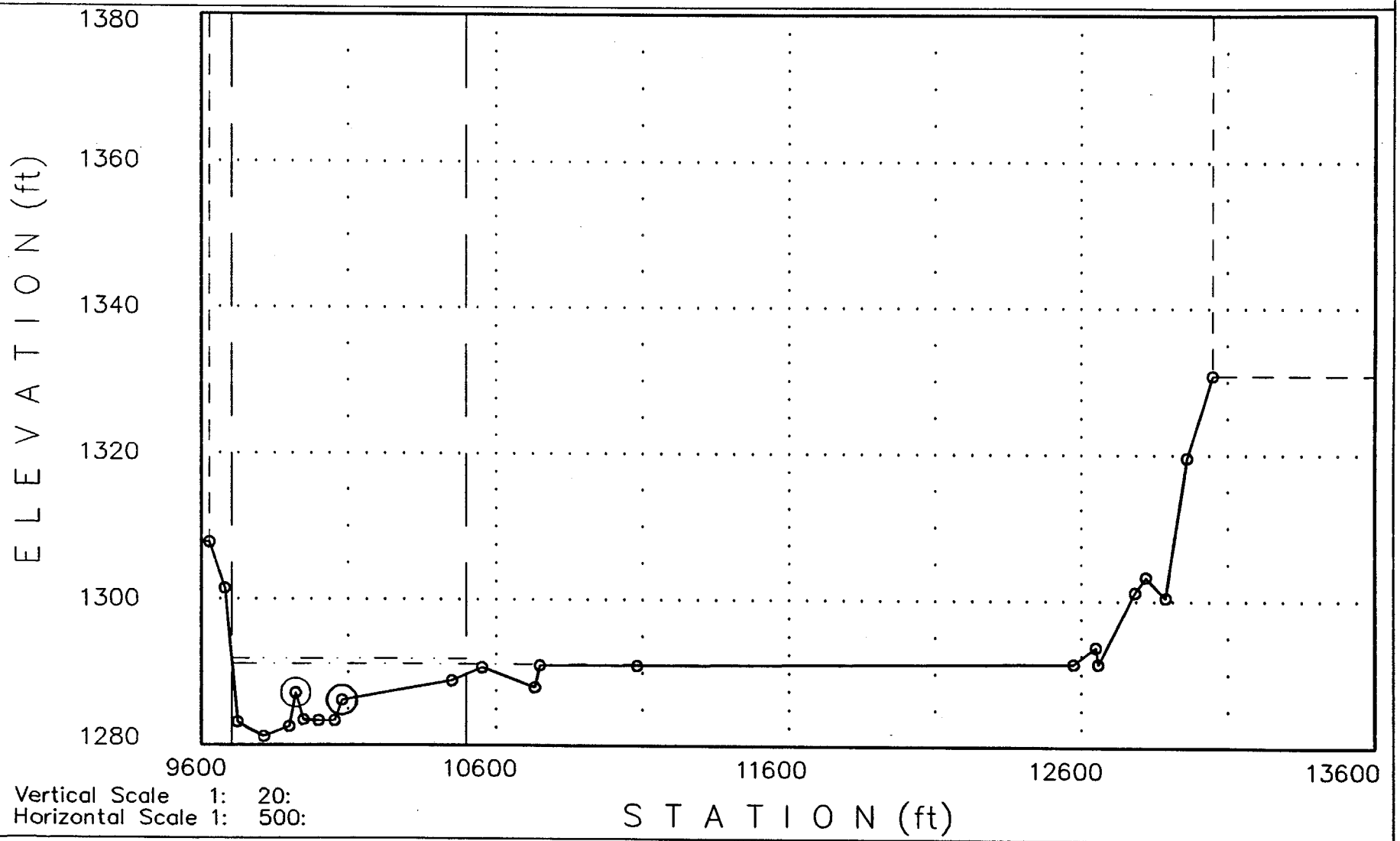
09-12-1996

<<<<<< Cross Section: 27.03: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1291.21

Q2= 27000cfs WS2= 1291.91

Manning-n Values: LOB: .06 CH: .035 ROB: .07



Vertical Scale 1: 20:

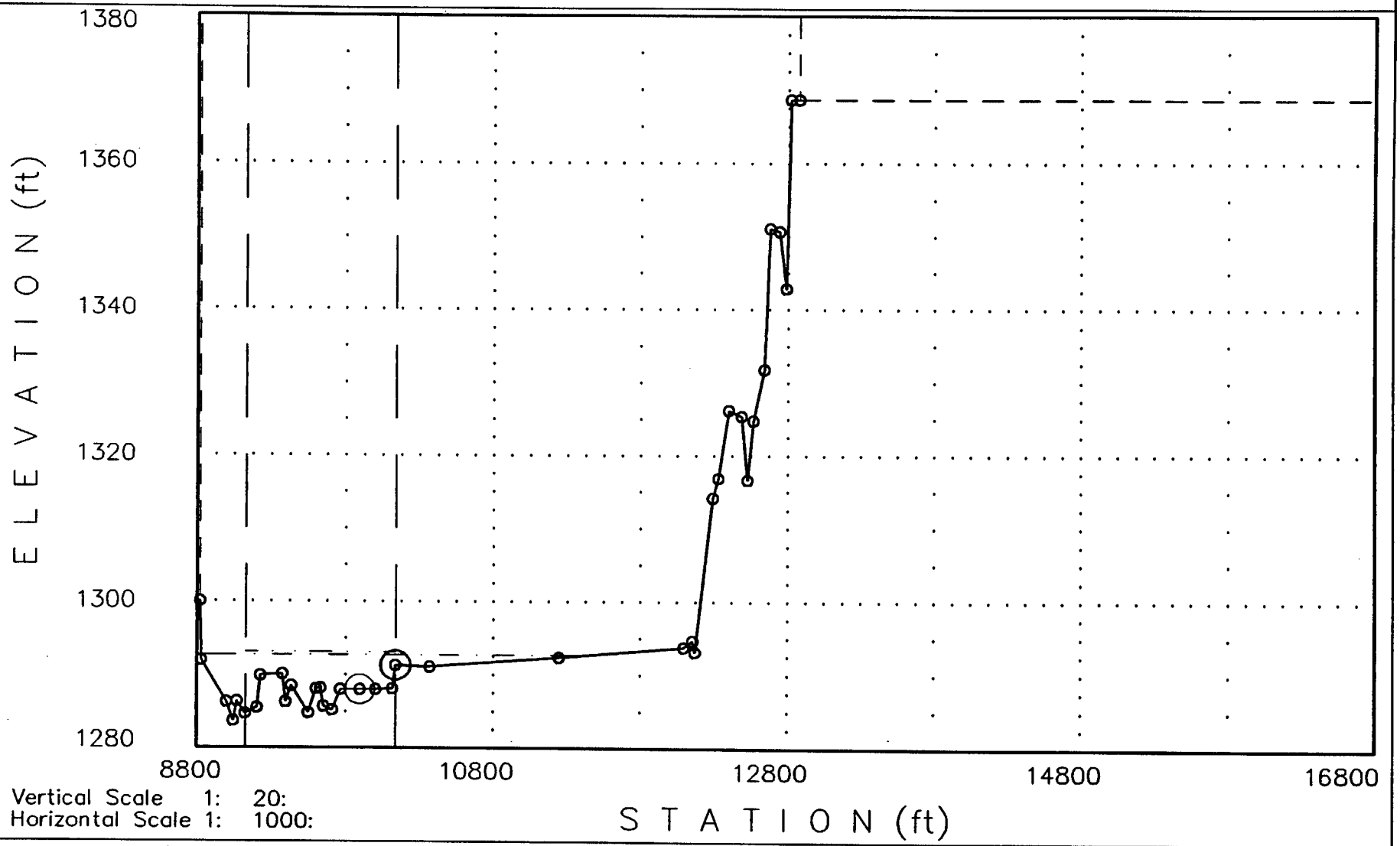
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 27.11: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1292.7
Q2= 27000cfs WS2= 1293.15

Manning-n Values: LOB: .06 CH: .035 ROB: .07



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

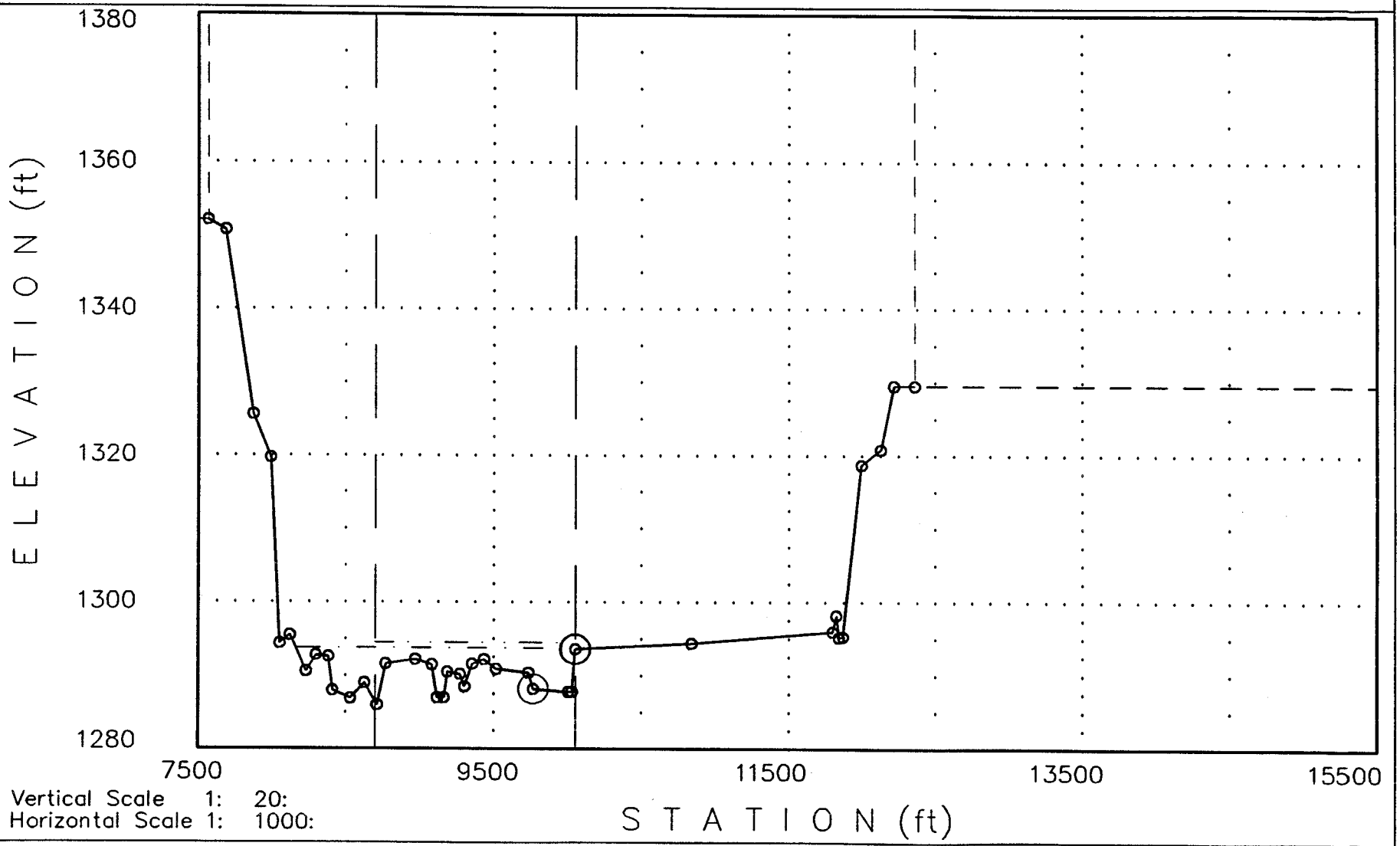
09-12-1996

<<<<<< Cross Section: 27.19: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1293.8

Q2= 27000cfs WS2= 1294.54

Manning-n Values: LOB: .06 CH: .035 ROB: .07



Vertical Scale 1: 20:

Horizontal Scale 1: 1000:

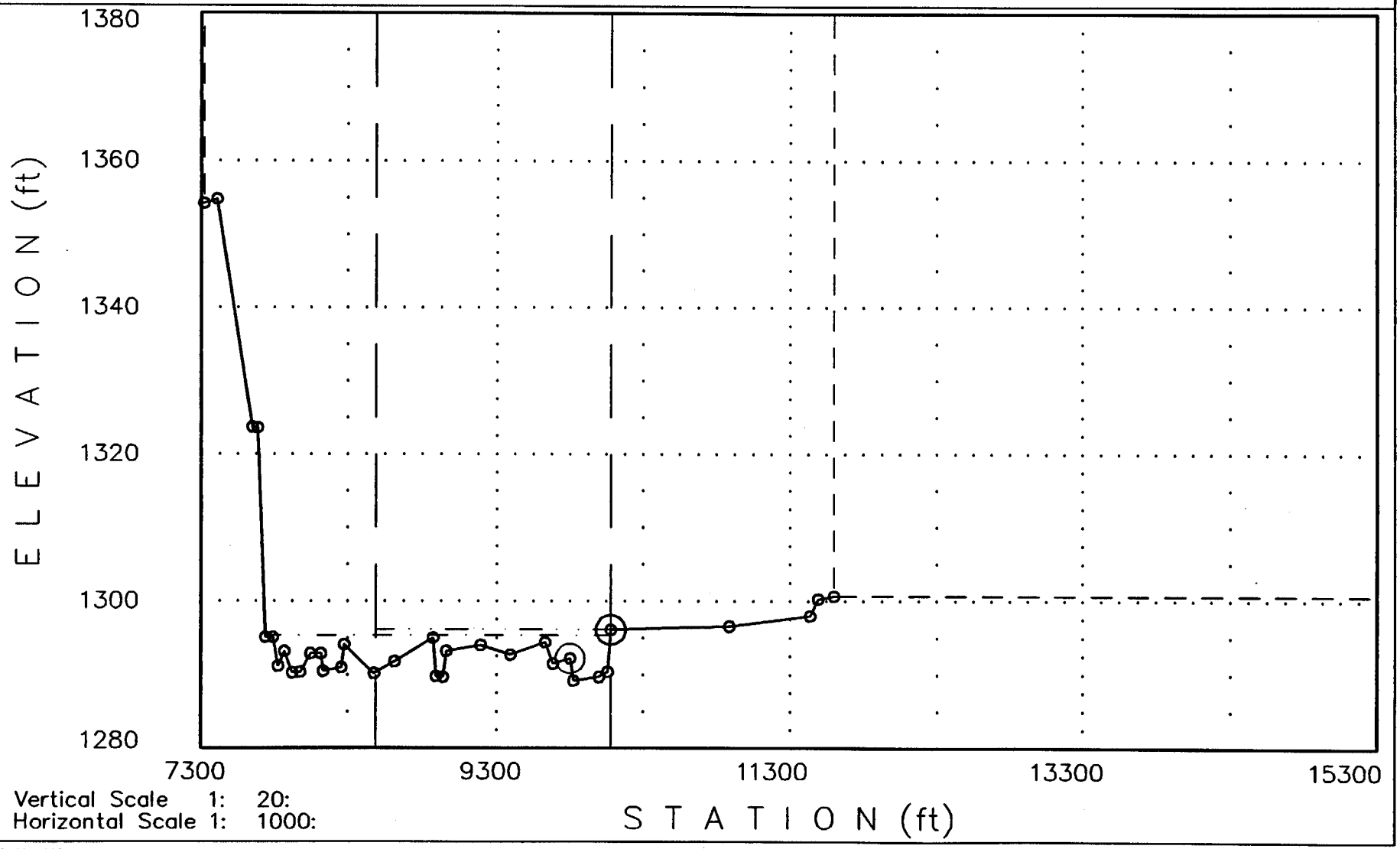
09-12-1996

<<<<<< Cross Section: 27.3: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1295.36

Q2= 27000cfs WS2= 1296.23

Manning-n Values: LOB: .06 CH: .035 ROB: 0 - .07



Vertical Scale 1: 20:

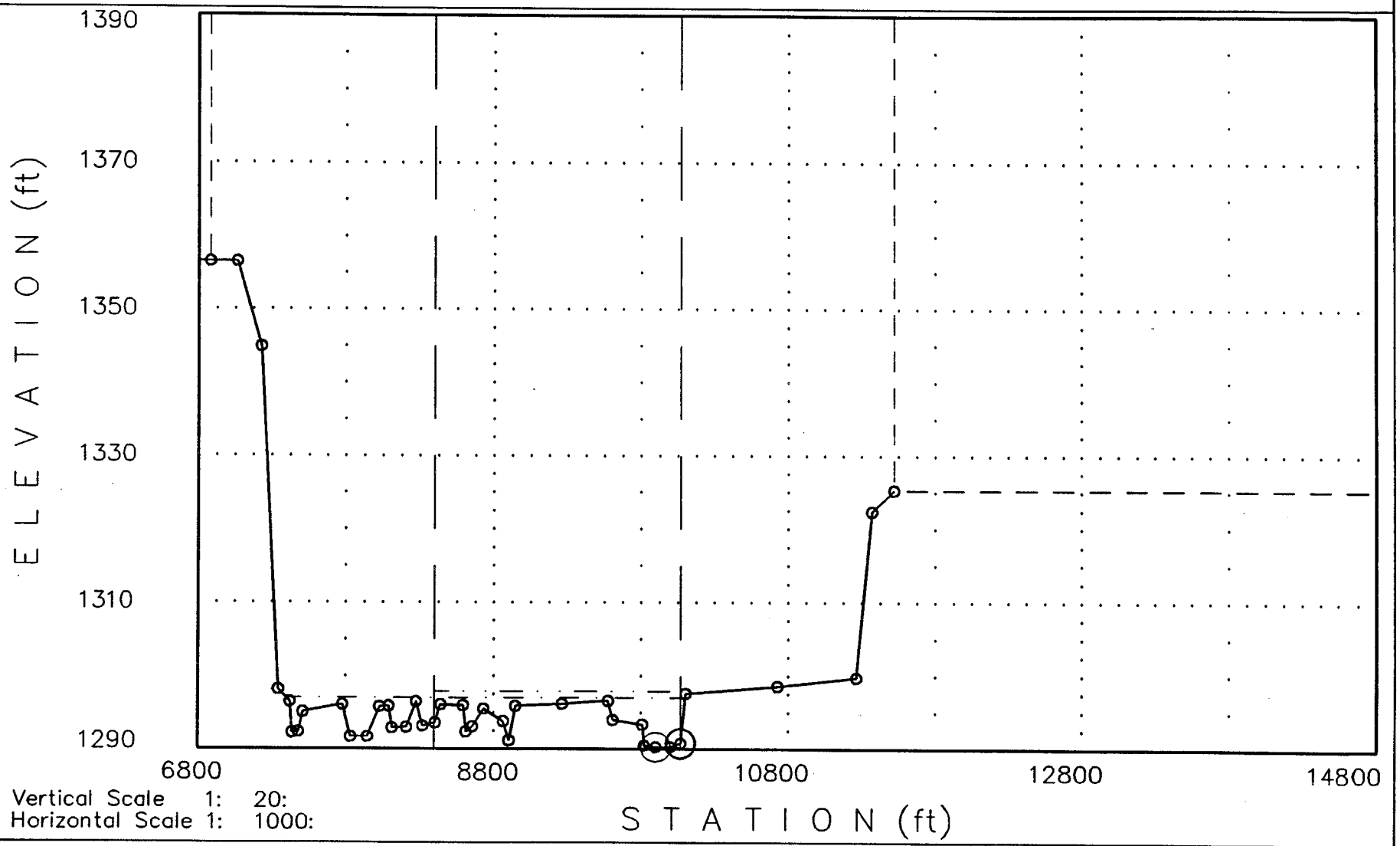
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 27.39: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1297.02
Q2= 27000cfs WS2= 1297.9

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

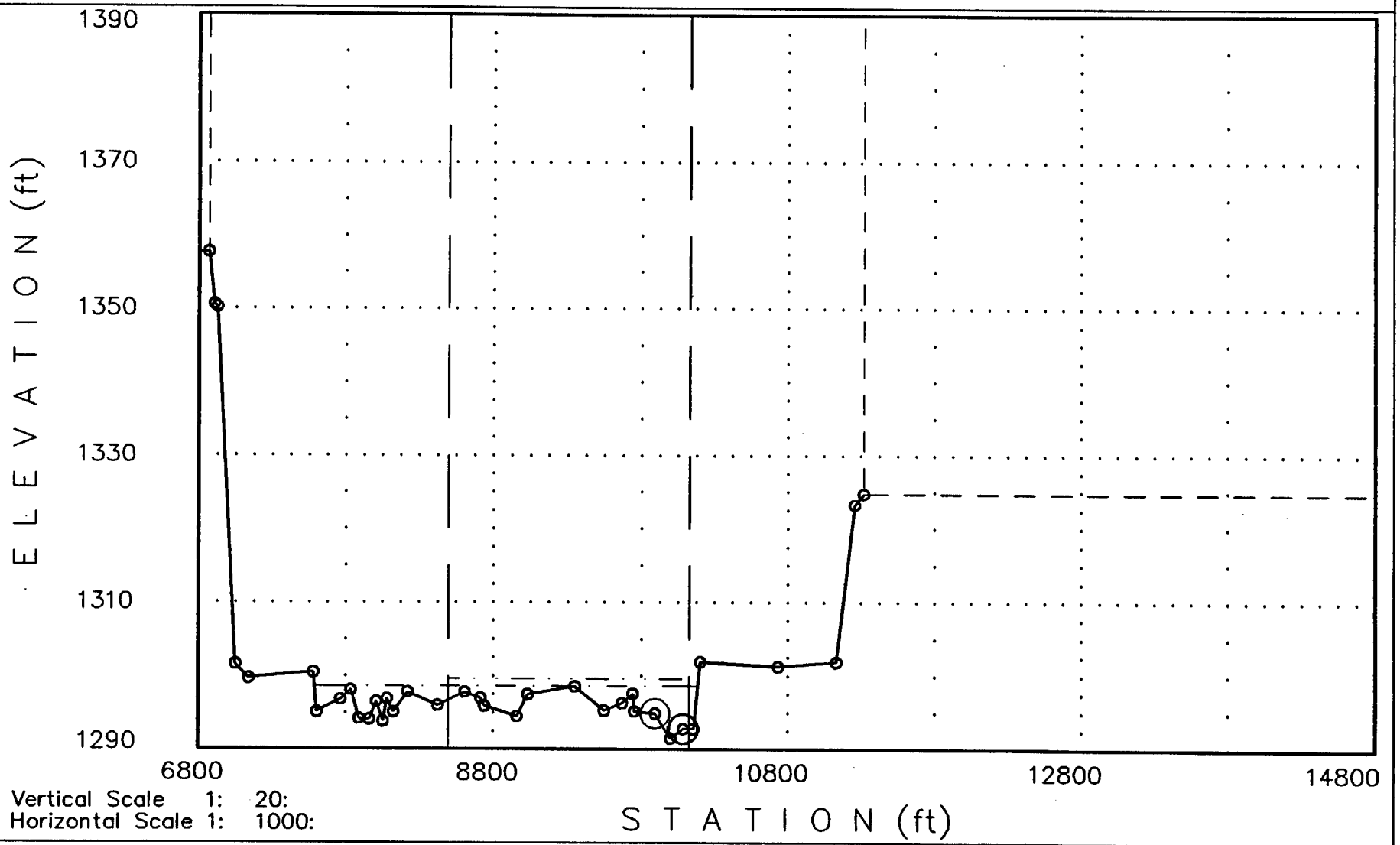
09-12-1996

<<<<<< Cross Section: 27.48: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1298.67

Q2= 27000cfs WS2= 1299.65

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

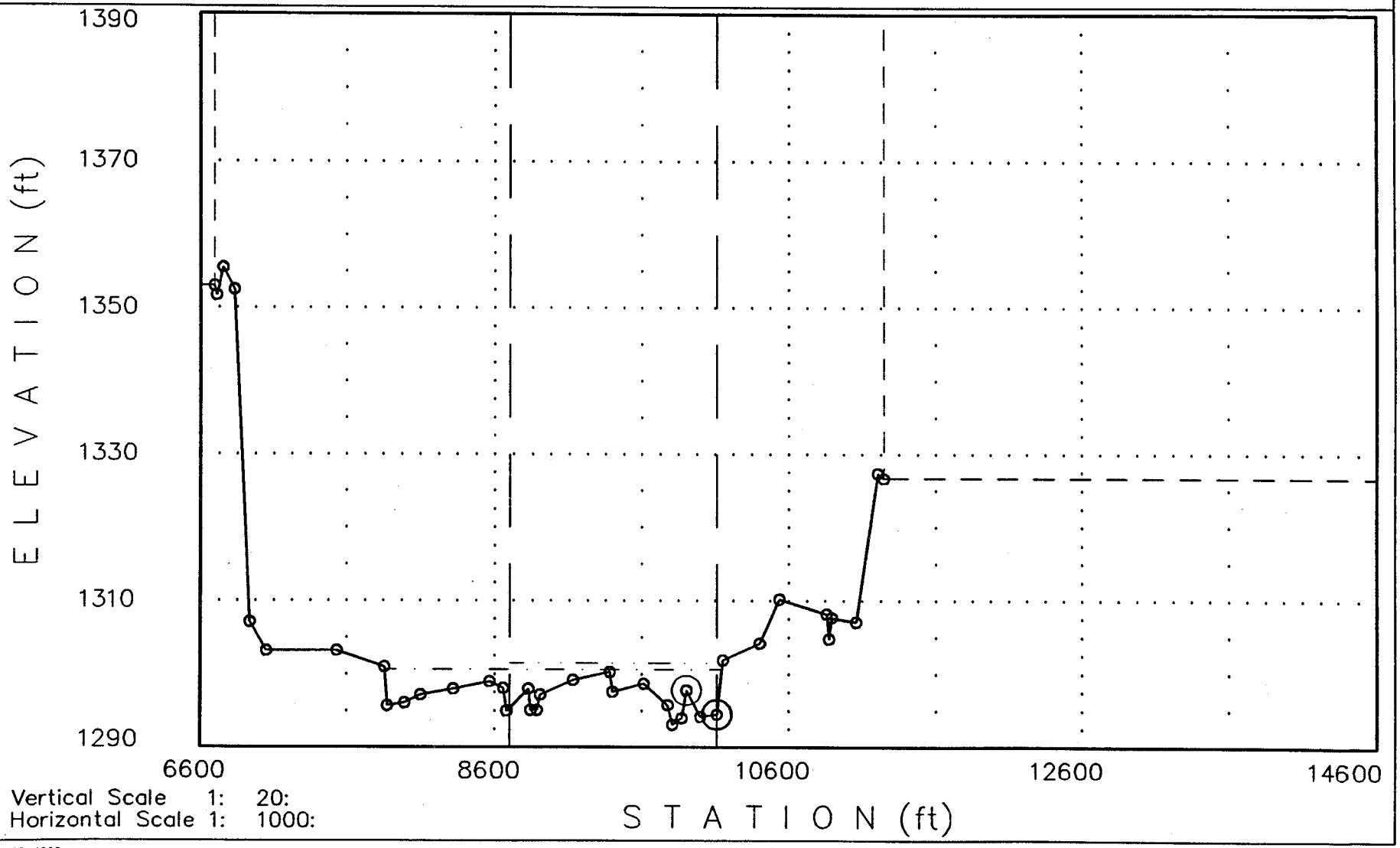
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 27.58: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1300.64
Q2= 27000cfs WS2= 1301.54

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

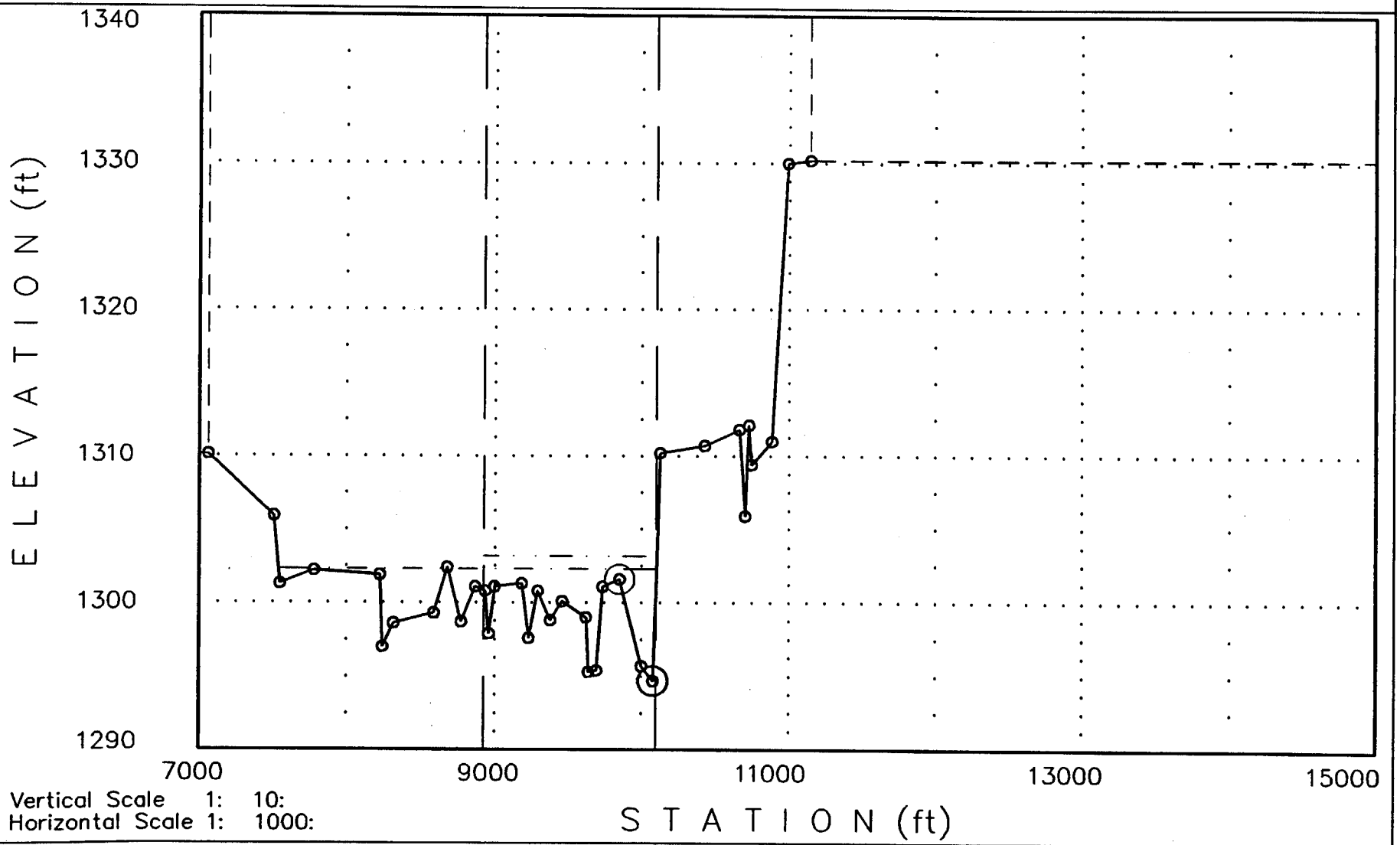
09-12-1996

<<<<<< Cross Section: 27.68: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1302.3

Q2= 27000cfs WS2= 1303.16

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 10:

Horizontal Scale 1: 1000:

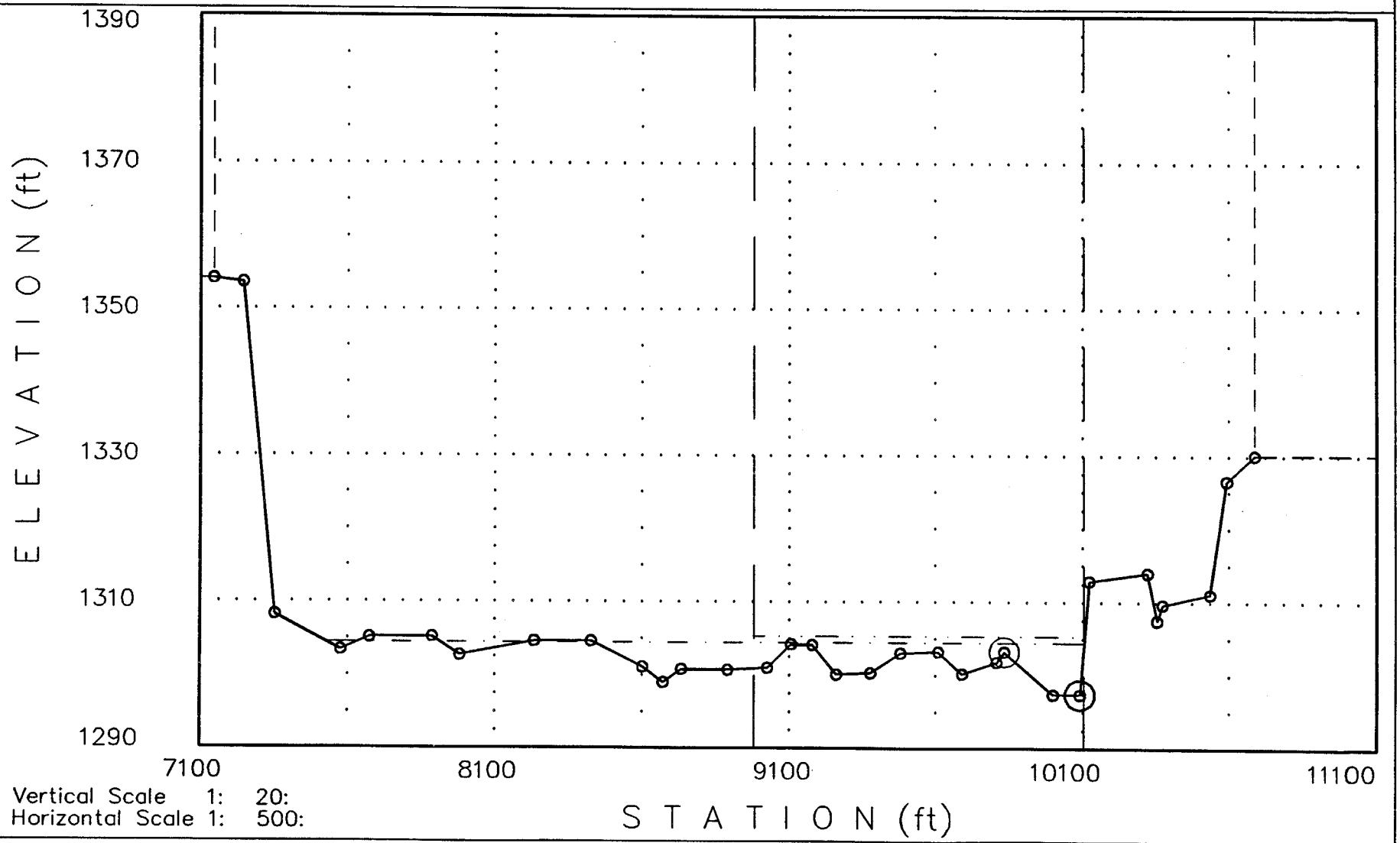
09-12-1996

<<<<<< Cross Section: 27.77: (FN = AGUAFRIA.20) >>>>>>

Q1= 27000cfs WS1= 1304.47

Q2= 27000cfs WS2= 1305.31

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

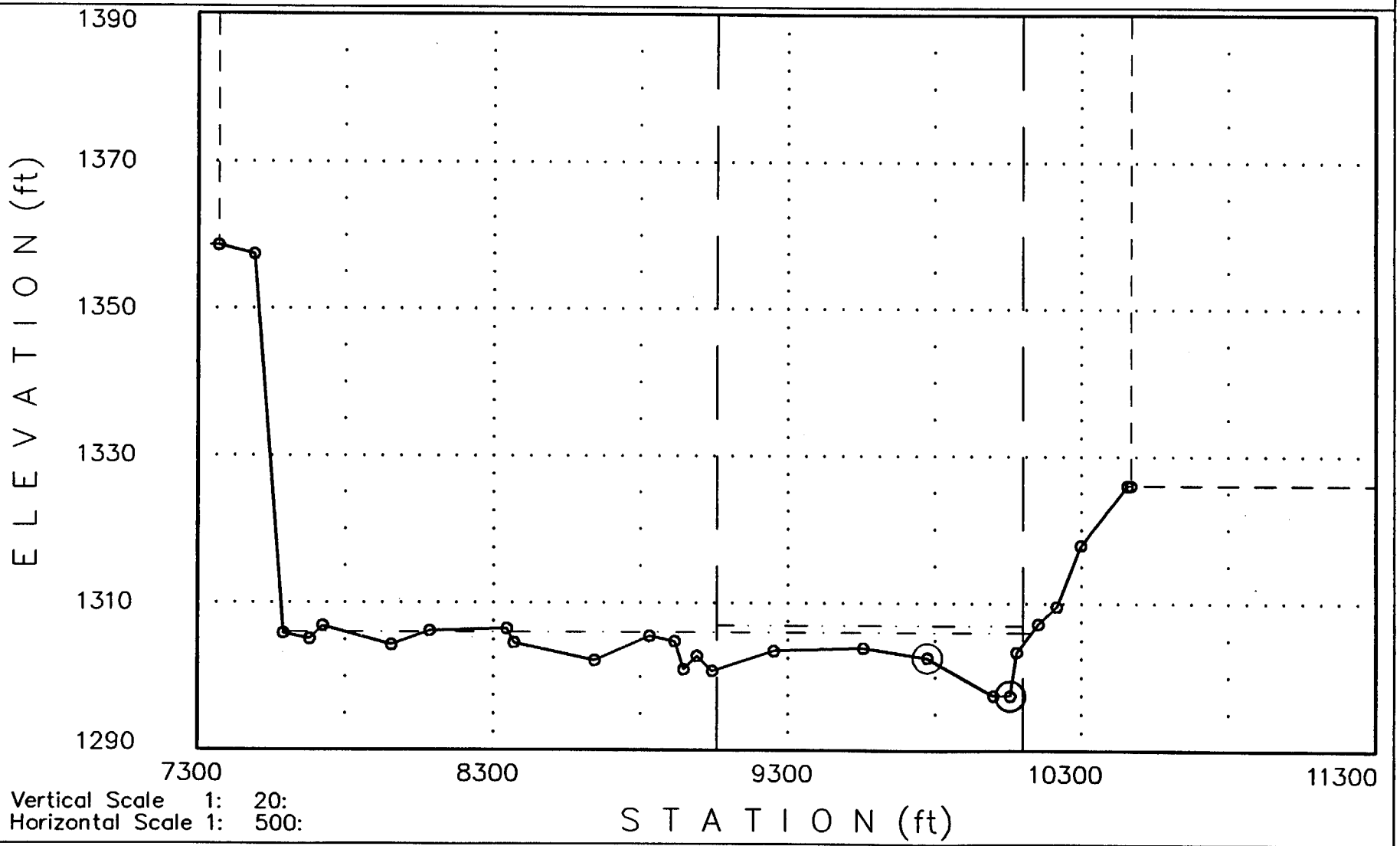
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 27.86: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1306.05
Q2= 25000cfs WS2= 1307.01

Manning-n Values: LOB: .055 CH: .035 ROB: .055



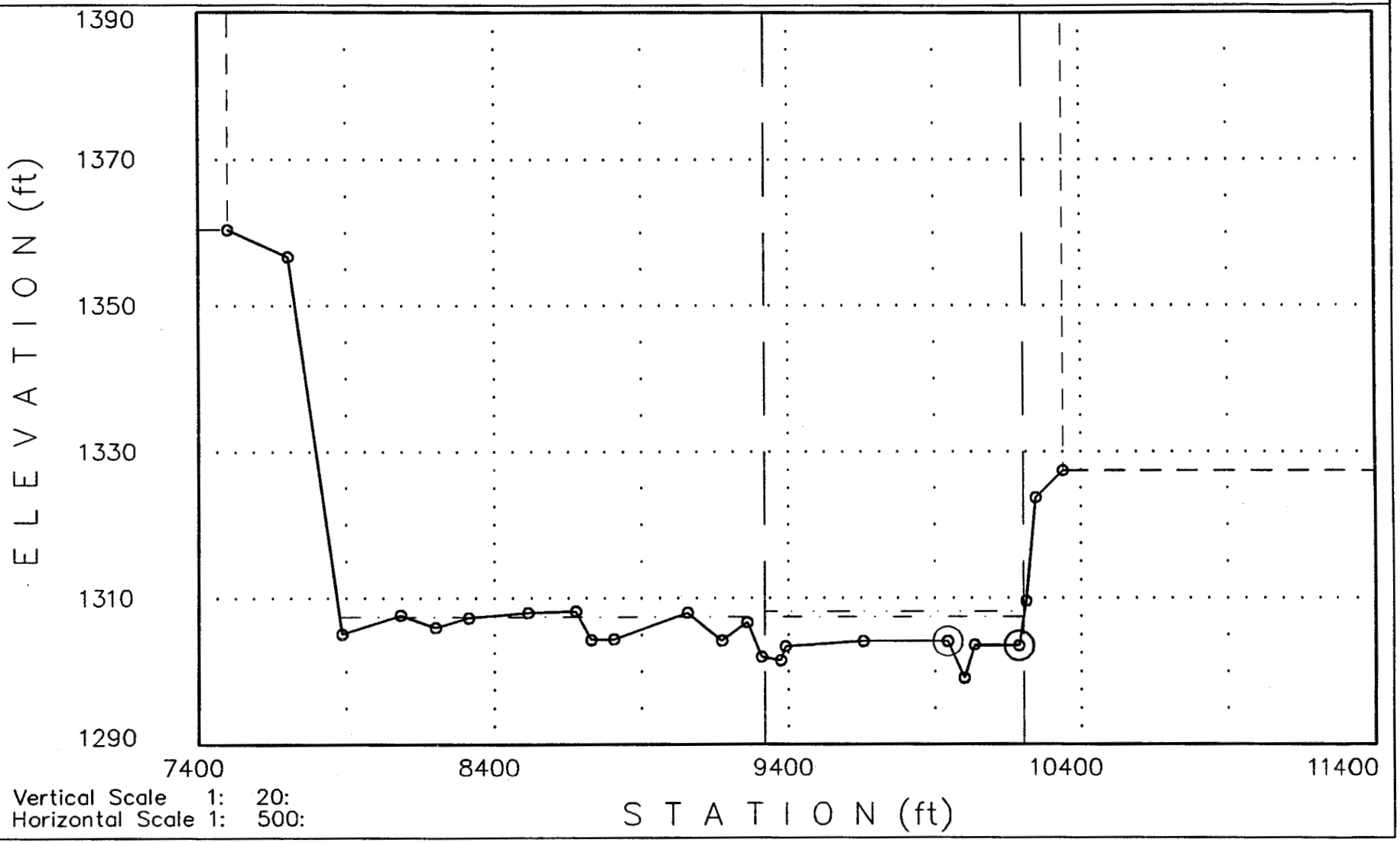
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 27.94: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1307.44
Q2= 25000cfs WS2= 1308.19

Manning-n Values: LOB: .055 CH: .035 ROB: .055



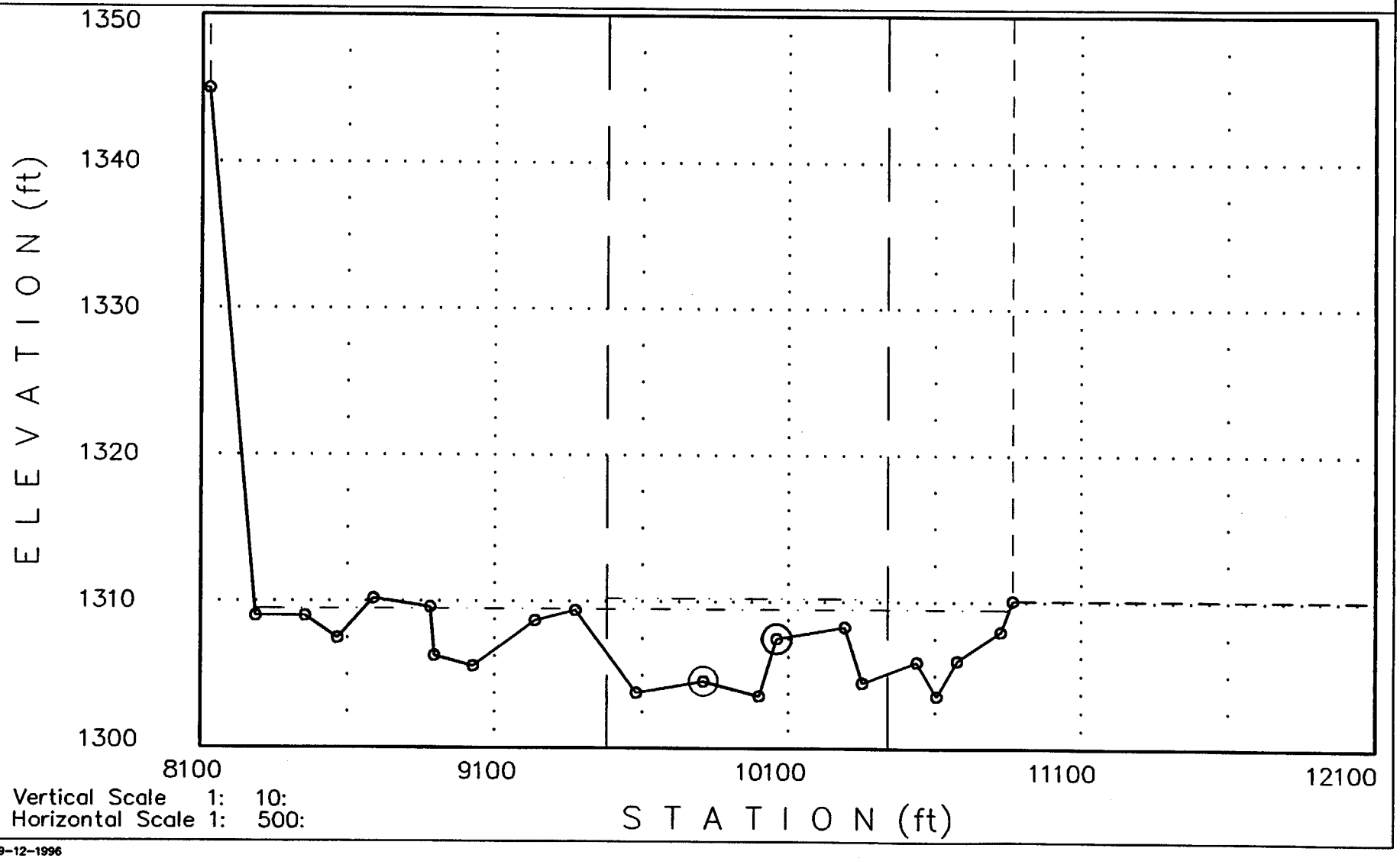
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 28.04: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1309.51
Q2= 25000cfs WS2= 1310.25

Manning-n Values: LOB: .055 CH: .035 ROB: .055



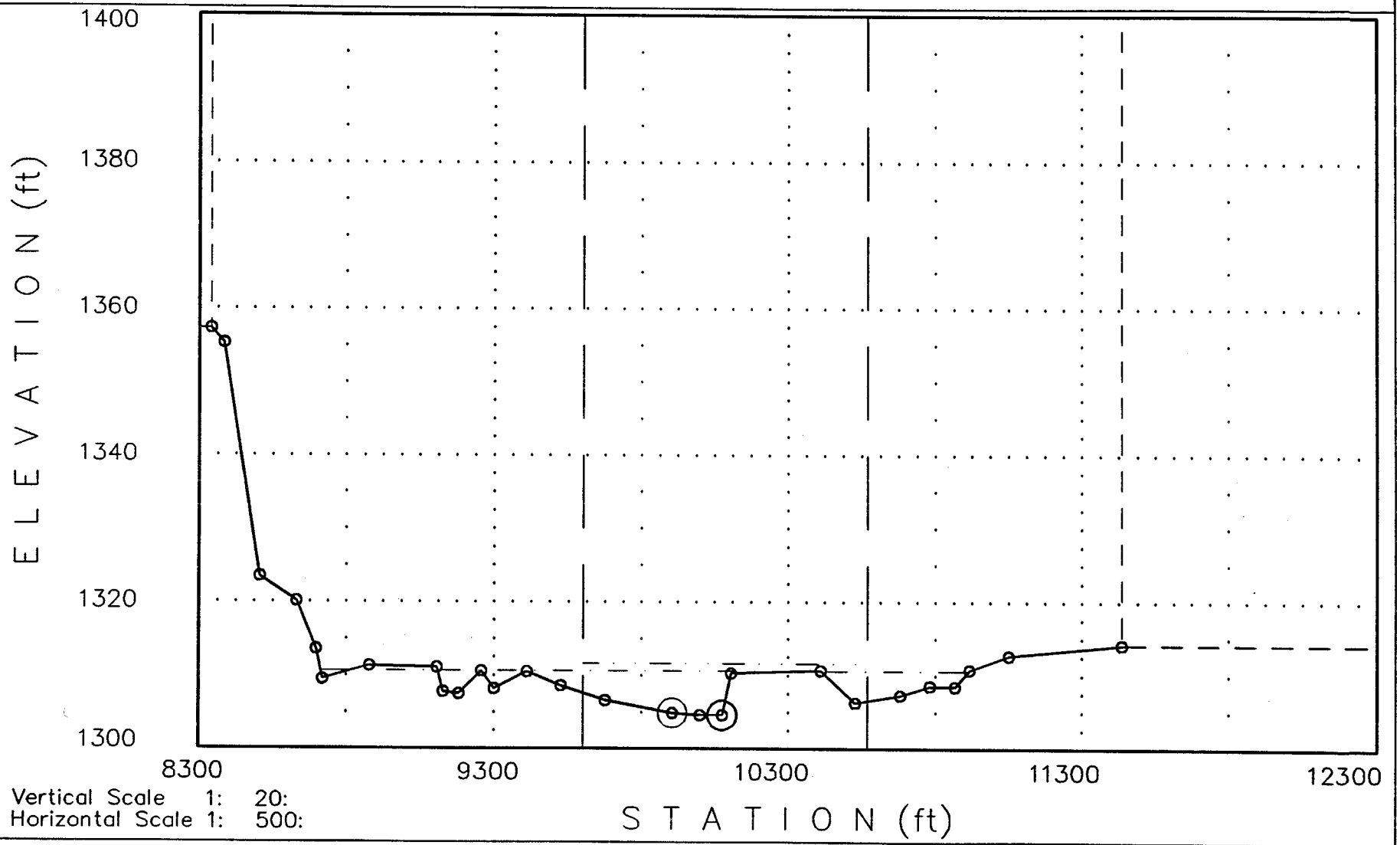
Vertical Scale 1: 10:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 28.12: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1310.69
Q2= 25000cfs WS2= 1311.63

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

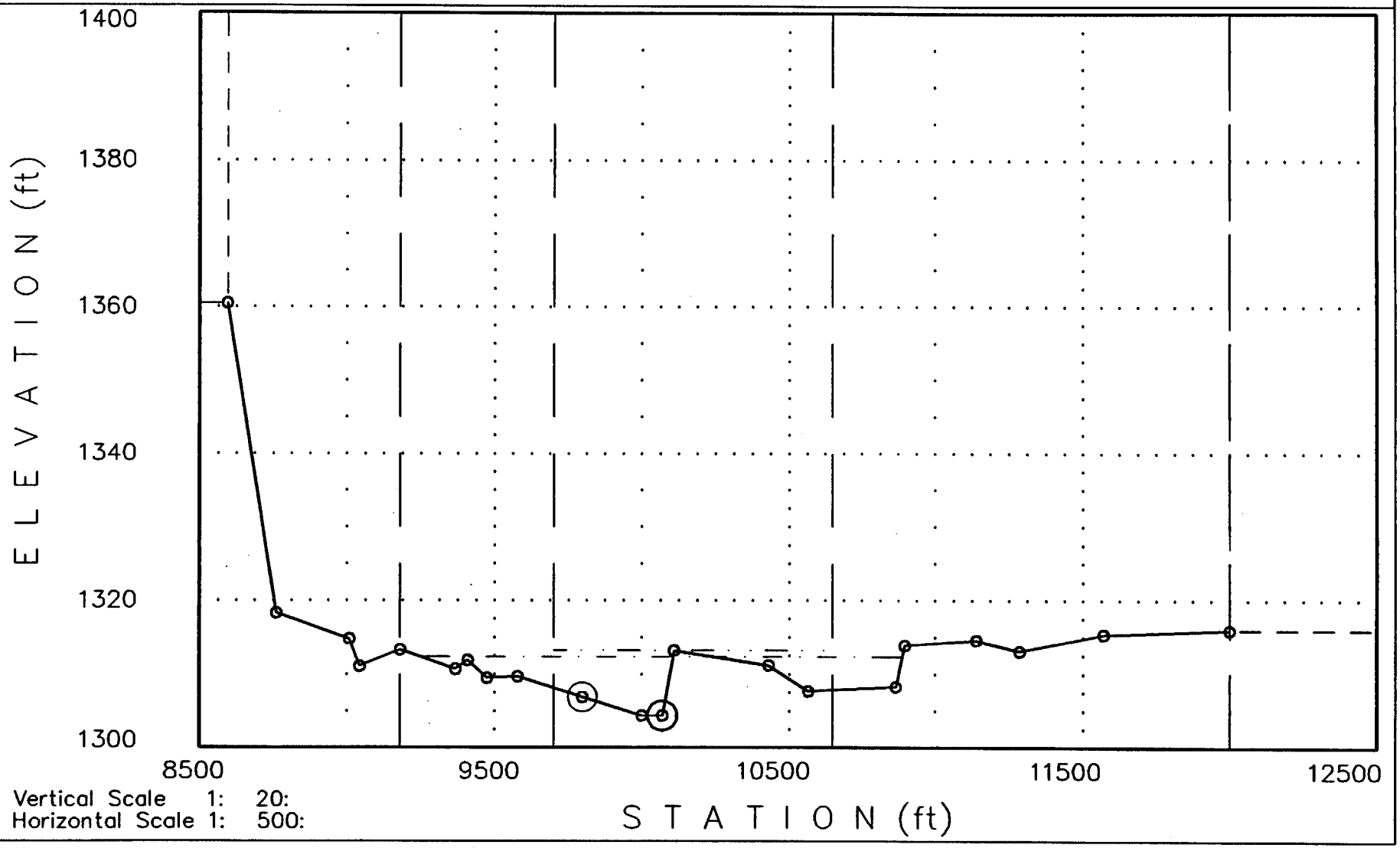
09-12-1996

<<<<<< Cross Section: 28.21: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1312.36

Q2= 25000cfs WS2= 1313.28

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

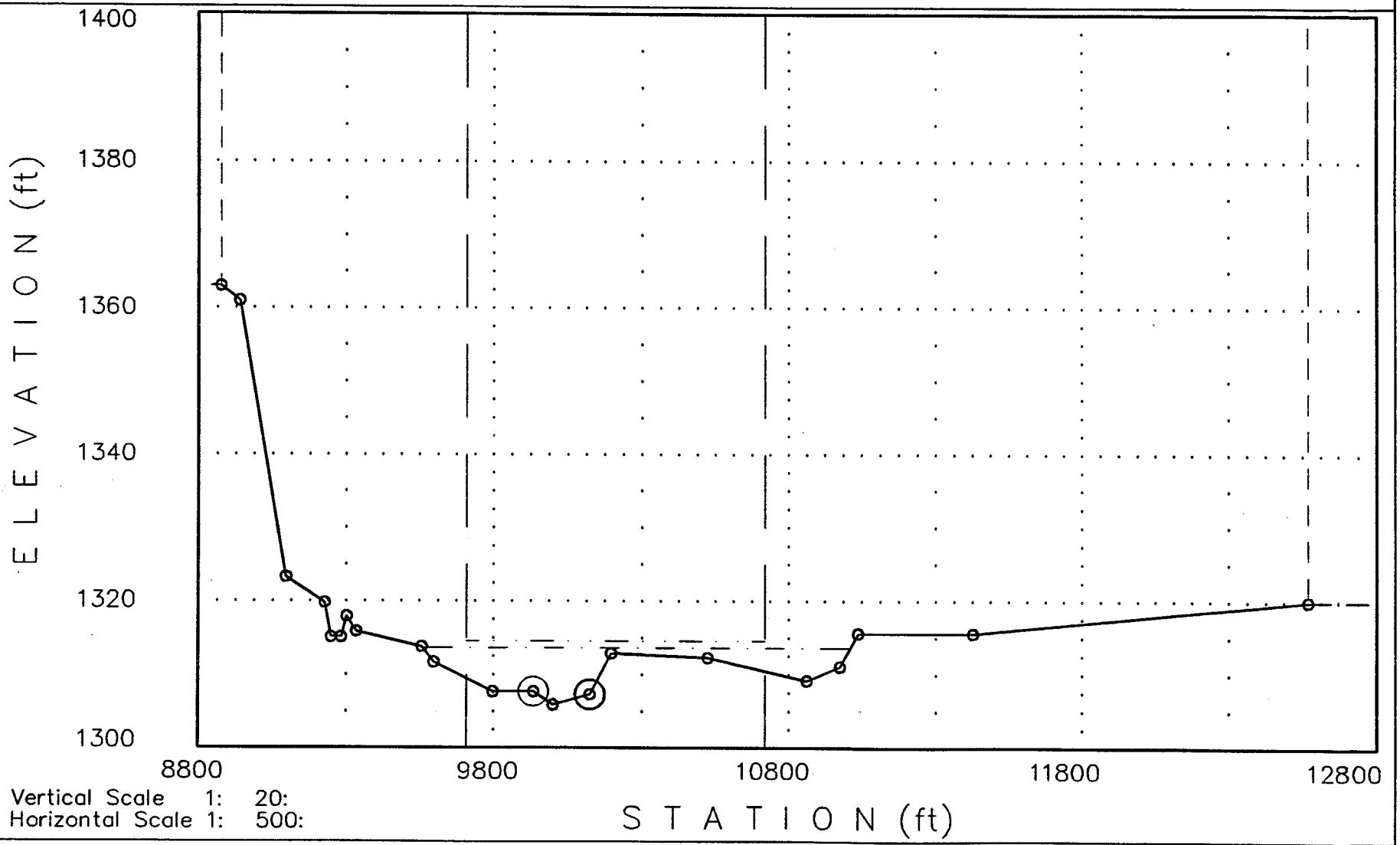
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 28.31: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1313.63
Q2= 25000cfs WS2= 1314.6

Manning-n Values: LOB: .055 CH: .035 ROB: .055



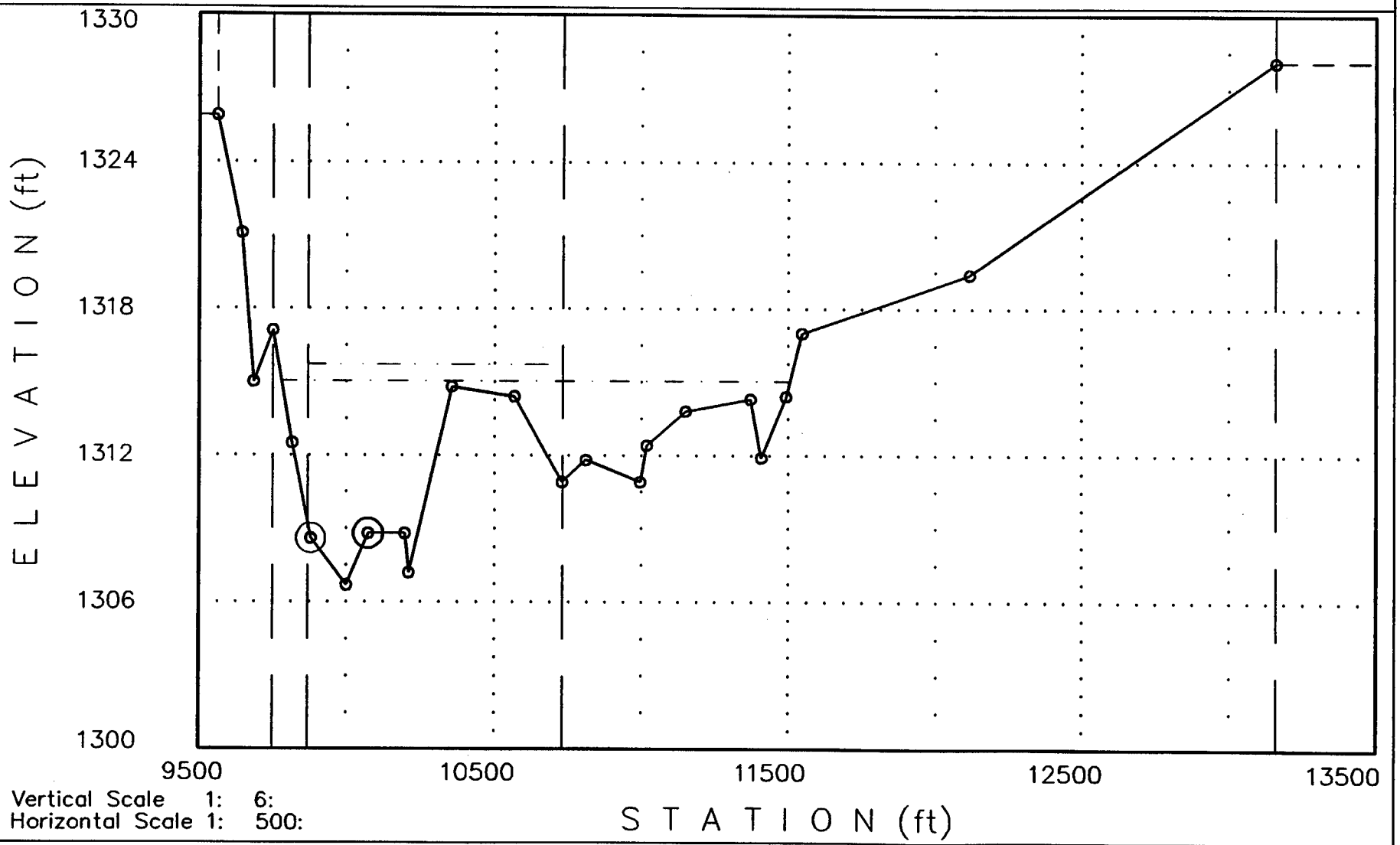
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 28.39: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1315.03
Q2= 25000cfs WS2= 1315.73

Manning-n Values: LOB: .055 CH: .035 ROB: .055



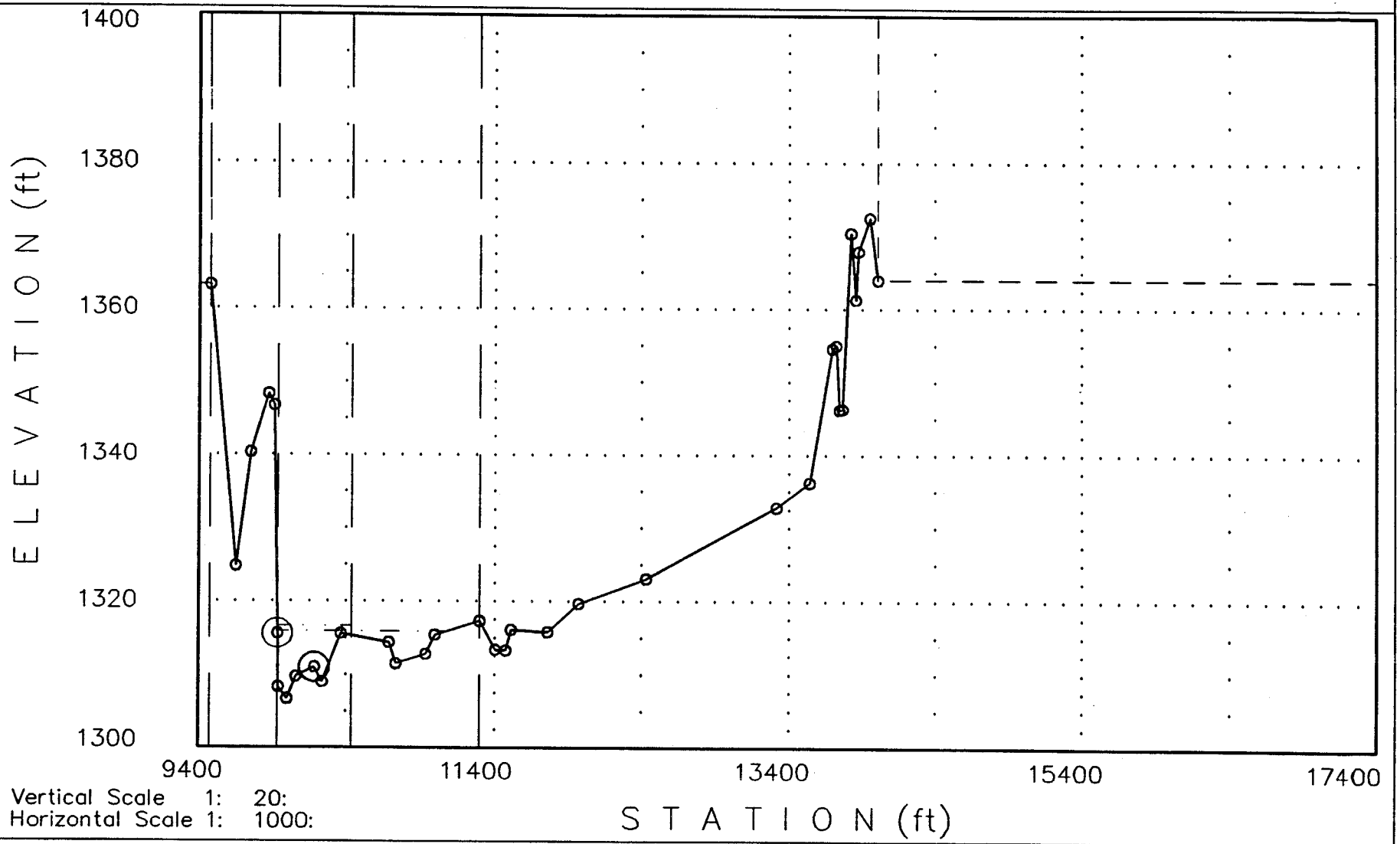
Vertical Scale 1: 6:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 28.45: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1315.94
Q2= 25000cfs WS2= 1316.64

Manning-n Values: LOB: 0 - .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

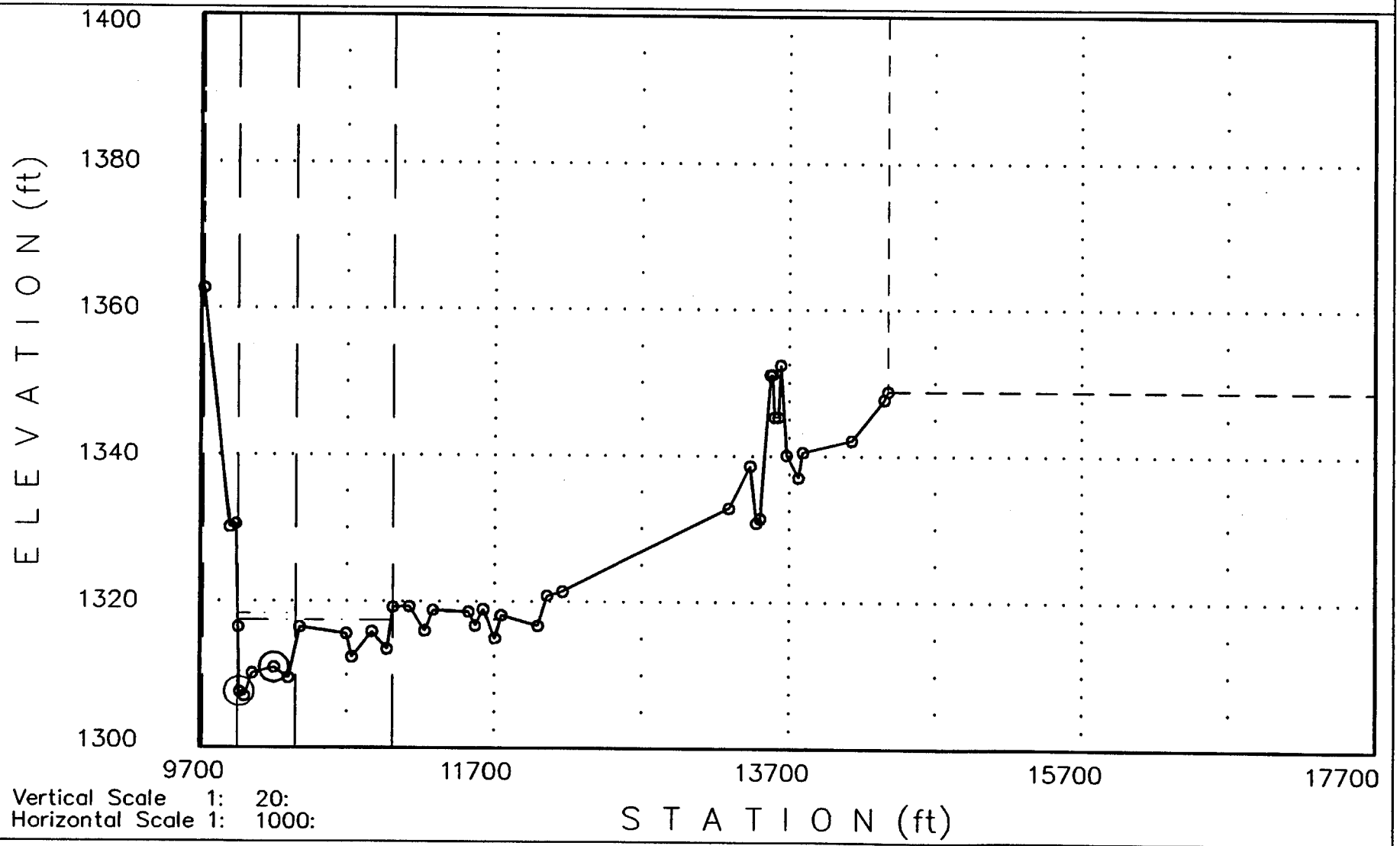
09-12-1996

<<<<<< Cross Section: 28.52: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1317.43

Q2= 25000cfs WS2= 1318.31

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 1000:

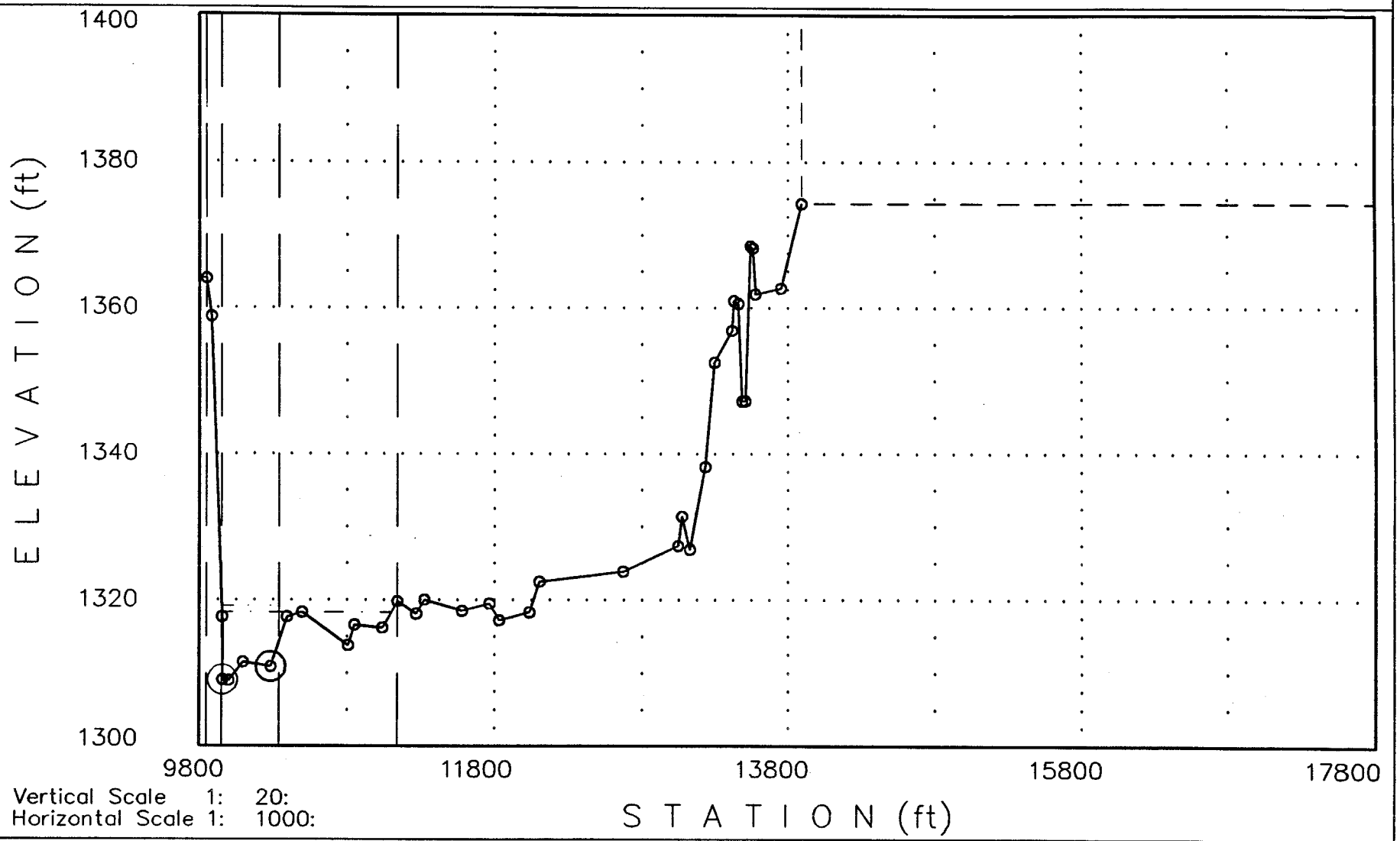
09-12-1996

<<<<<< Cross Section: 28.58: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1318.32

Q2= 25000cfs WS2= 1319.23

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 1000:

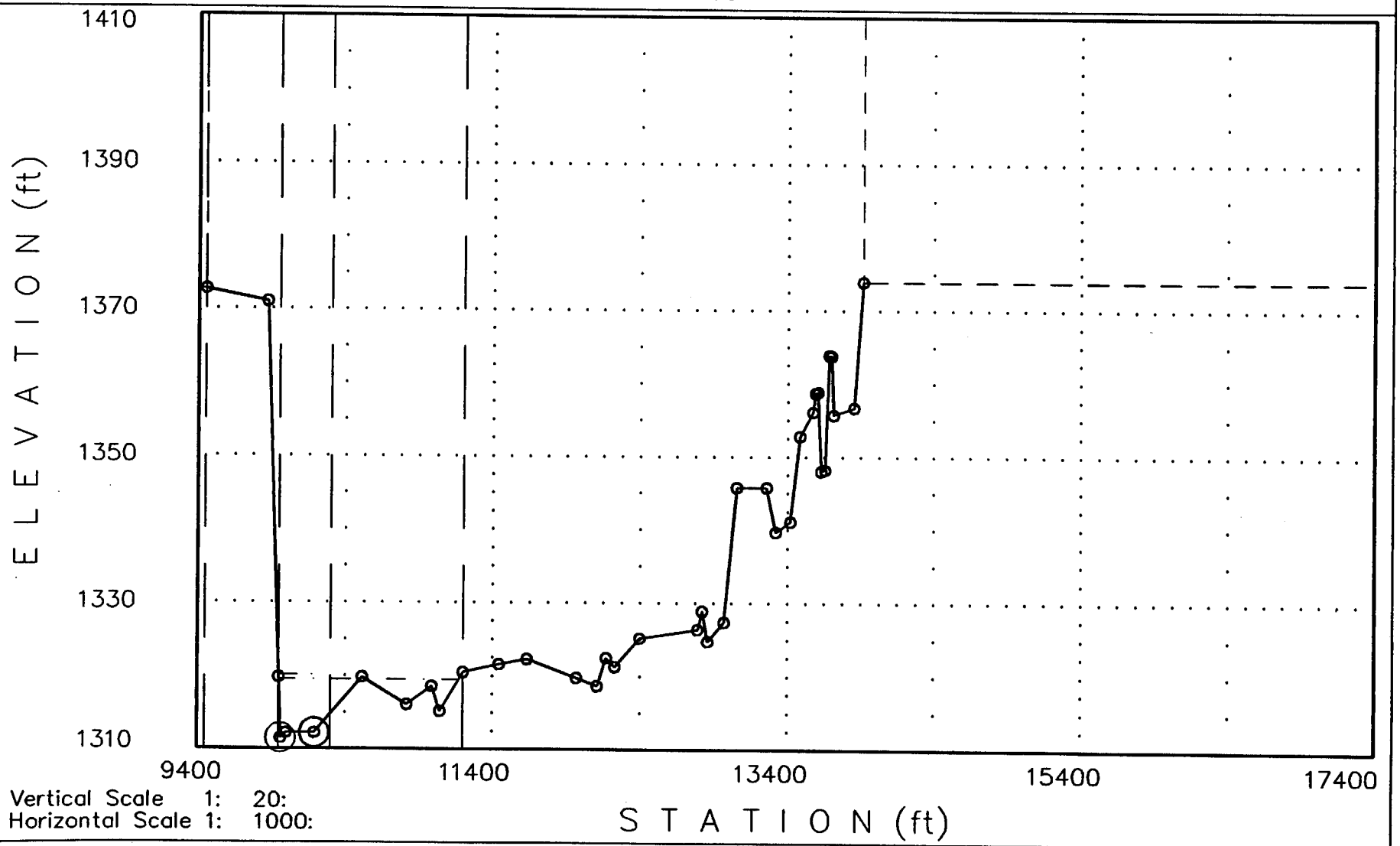
09-12-1996

<<<<<< Cross Section: 28.67: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1319.51

Q2= 25000cfs WS2= 1320.13

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 1000:

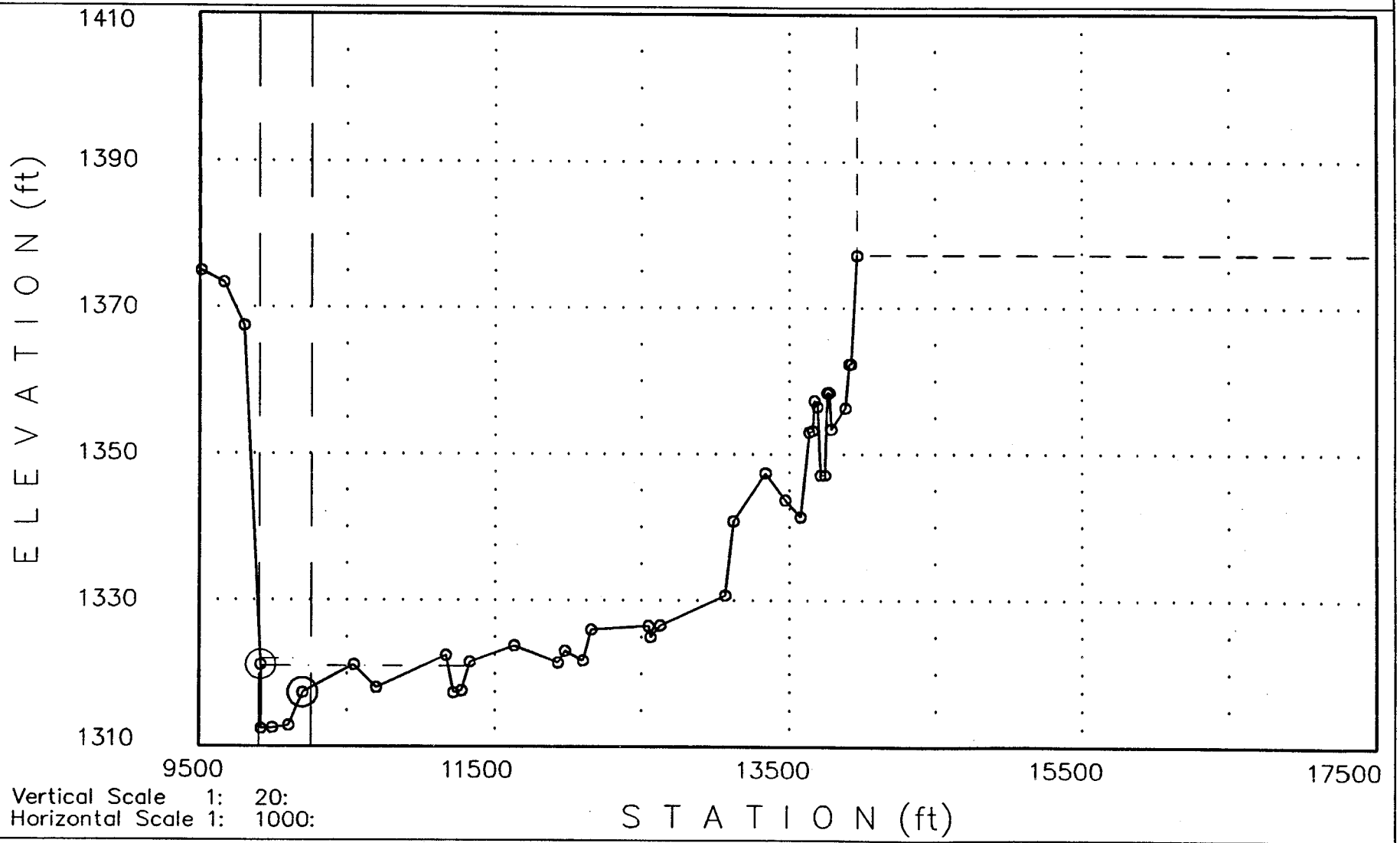
09-12-1996

<<<<<< Cross Section: 28.76: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1321.06

Q2= 25000cfs WS2= 1322.05

Manning-n Values: LOB: 0 - .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

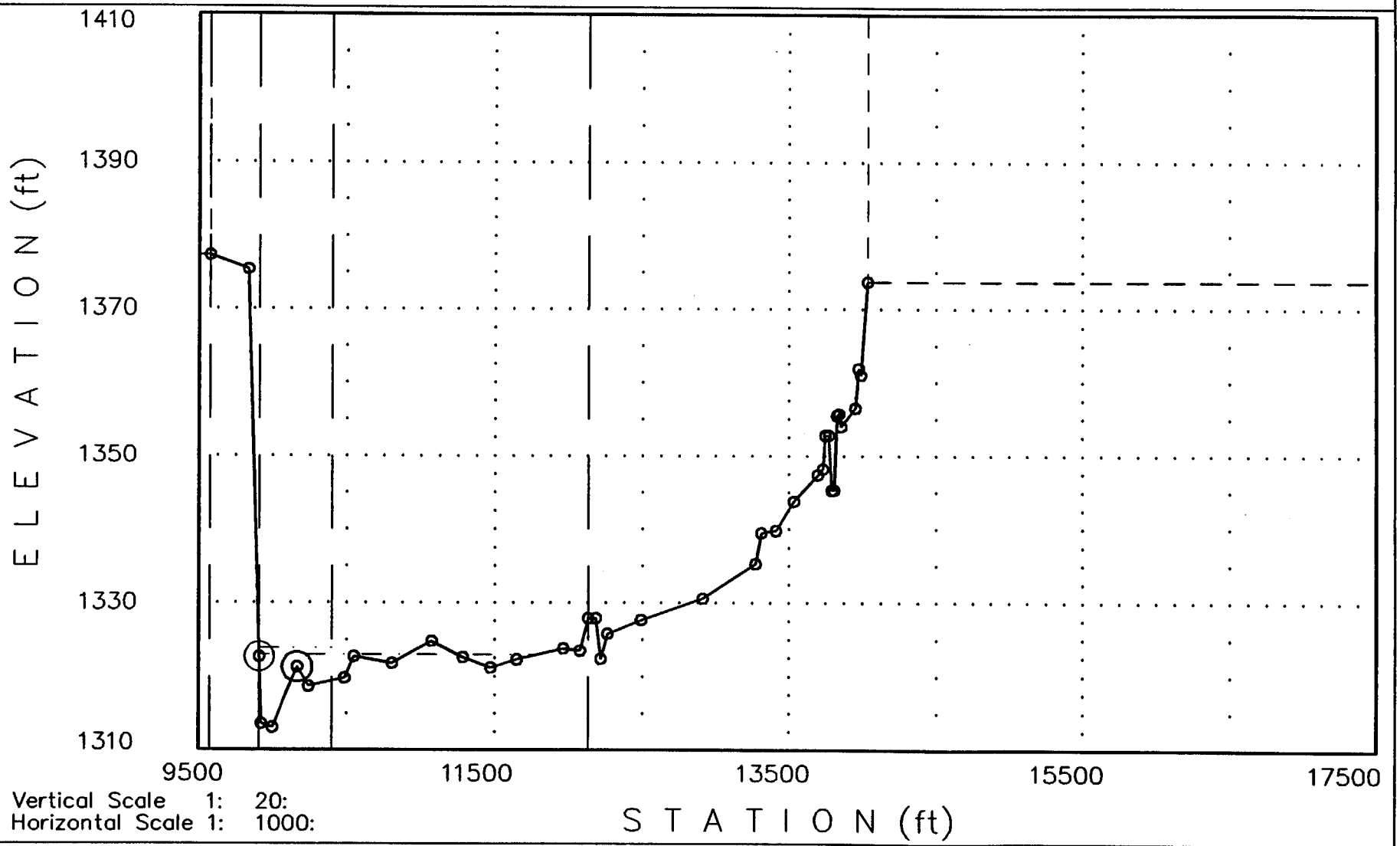
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 28.86: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1323.02
Q2= 25000cfs WS2= 1323.95

Manning-n Values: LOB: 0 - .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

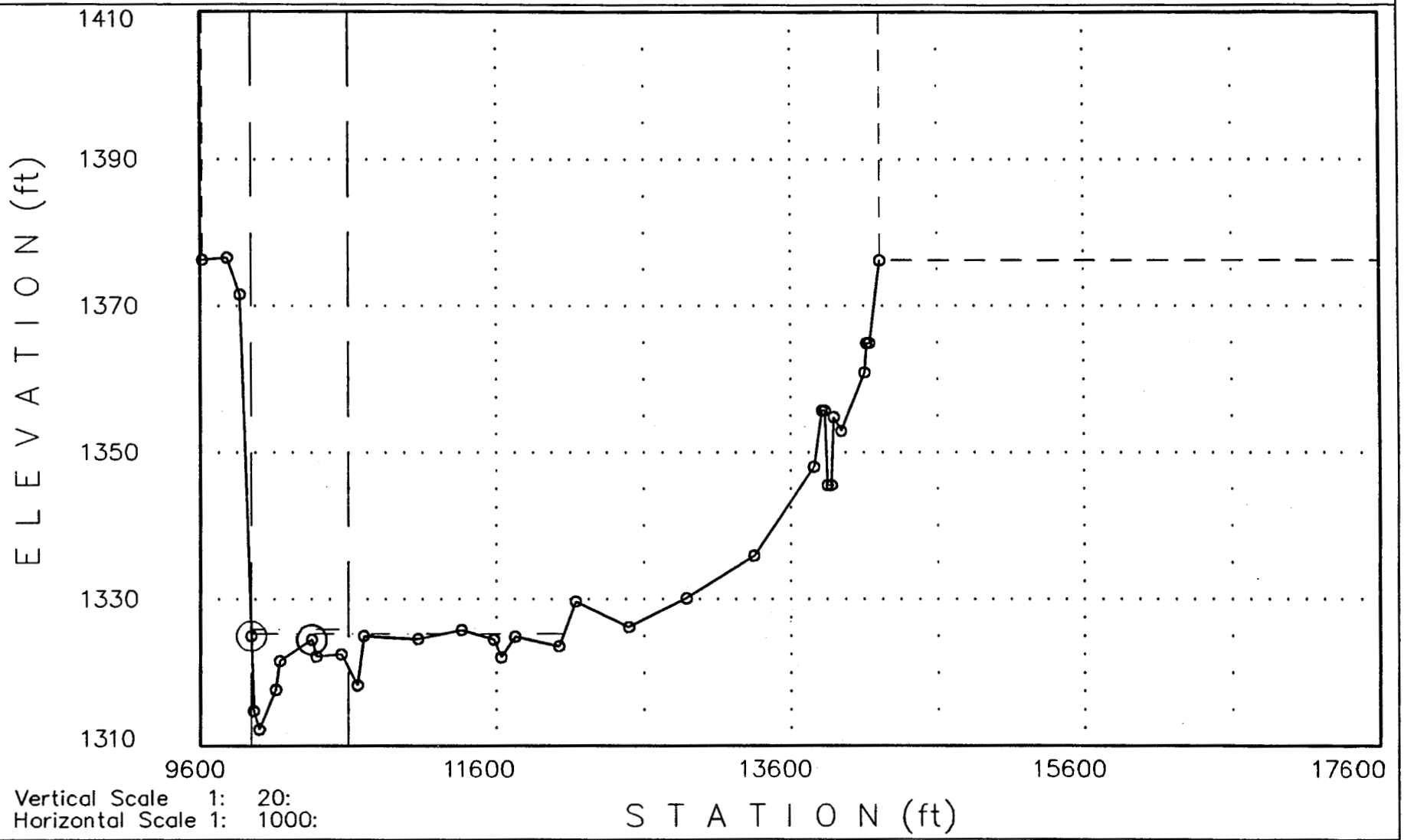
09-12-1996

<<<<<< Cross Section: 28.95: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1325.31

Q2= 25000cfs WS2= 1325.92

Manning-n Values: LOB: 0 - .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

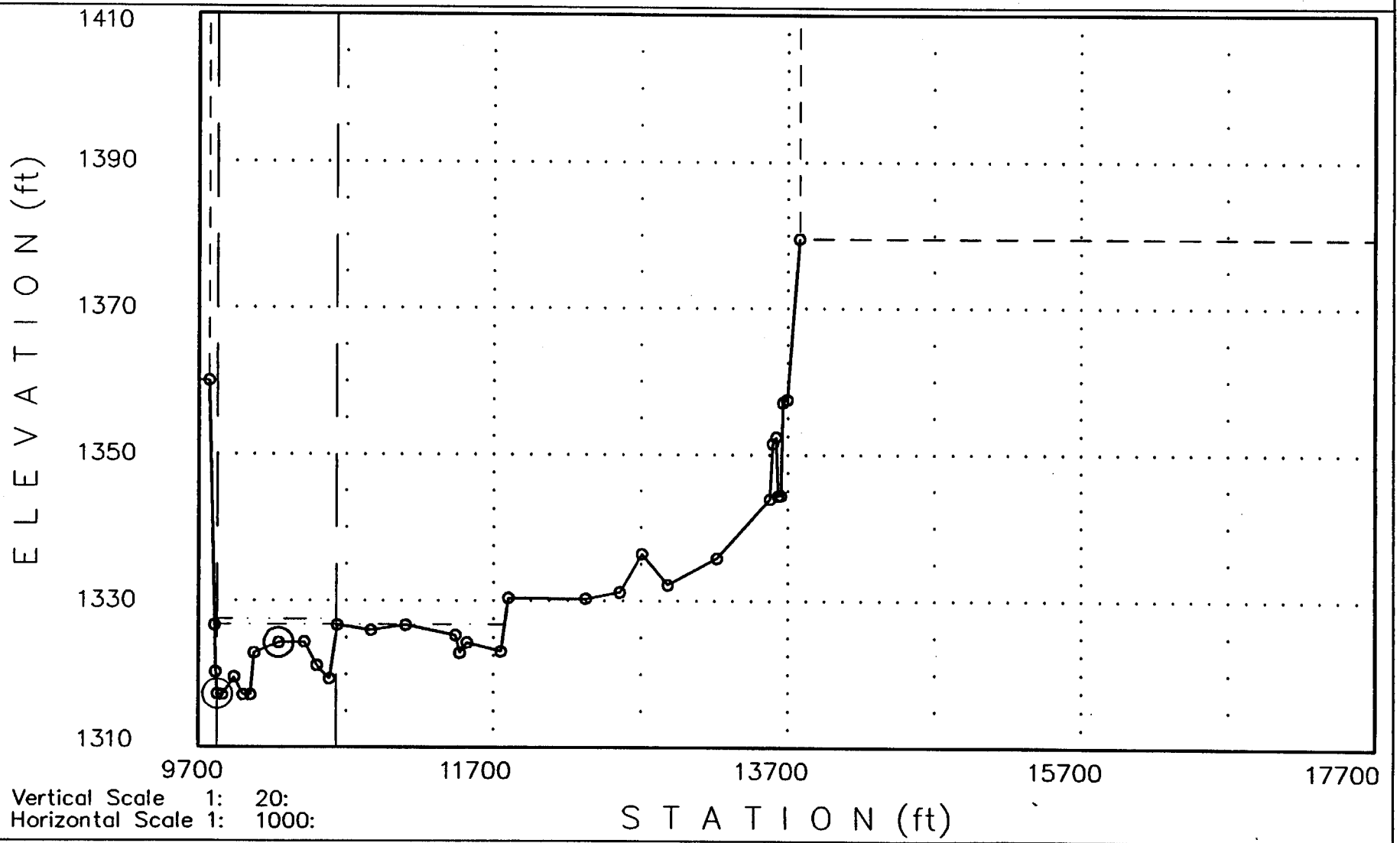
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 29.04: (FN = AGUAFRIA.20) >>>>>>

Q1= 25000cfs WS1= 1326.82
Q2= 25000cfs WS2= 1327.53

Manning-n Values: LOB: .055 CH: .035 ROB: .055



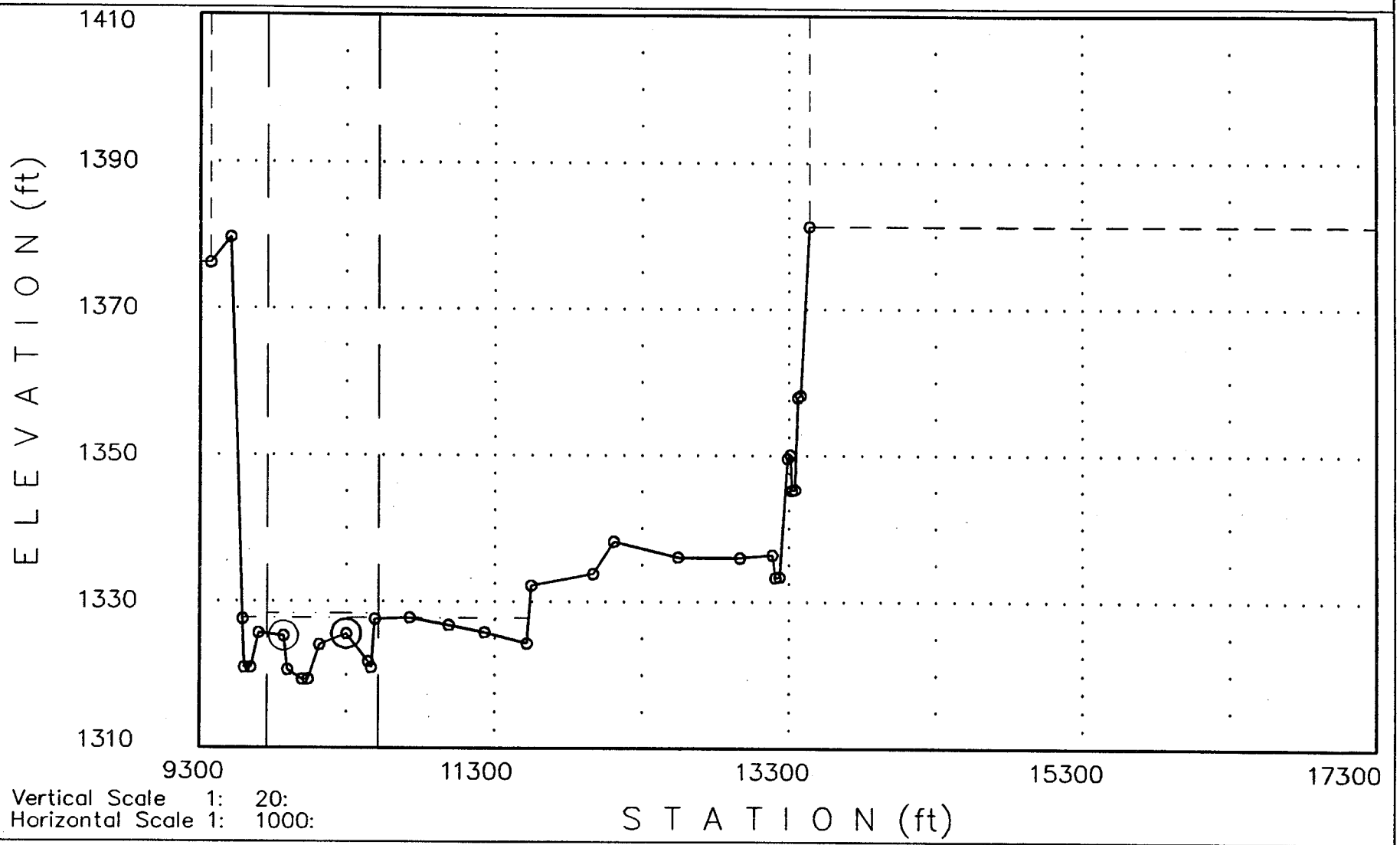
Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

09-12-1996

<<<<<< Cross Section: 29.14: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1327.82
Q2= 23000cfs WS2= 1328.41

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 1000:

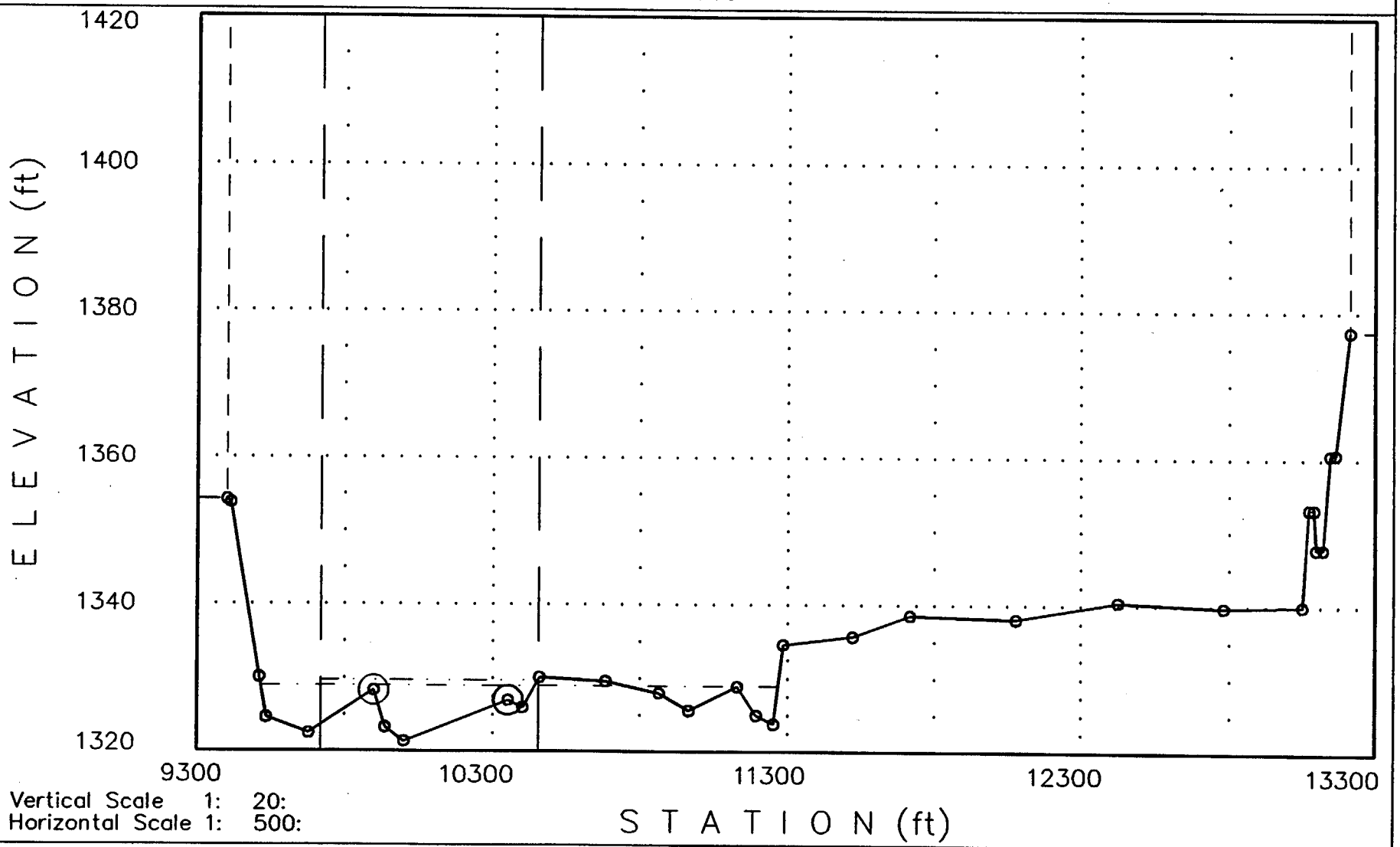
09-12-1996

<<<<<< Cross Section: 29.23: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1328.95

Q2= 23000cfs WS2= 1329.72

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

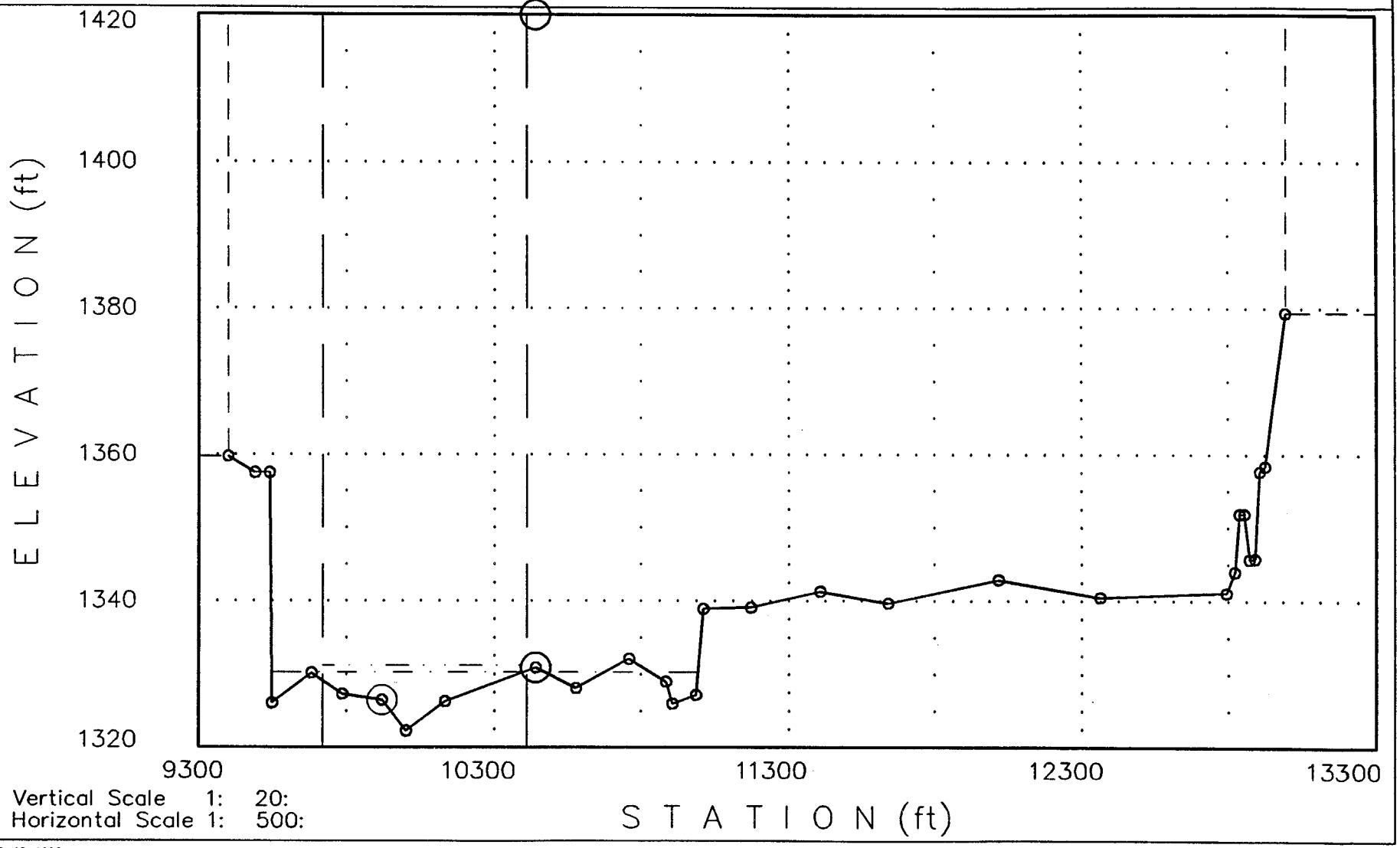
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 29.3: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1330.28
Q2= 23000cfs WS2= 1331.23

Manning-n Values: LOB: .055 CH: .035 ROB: 0 - .055



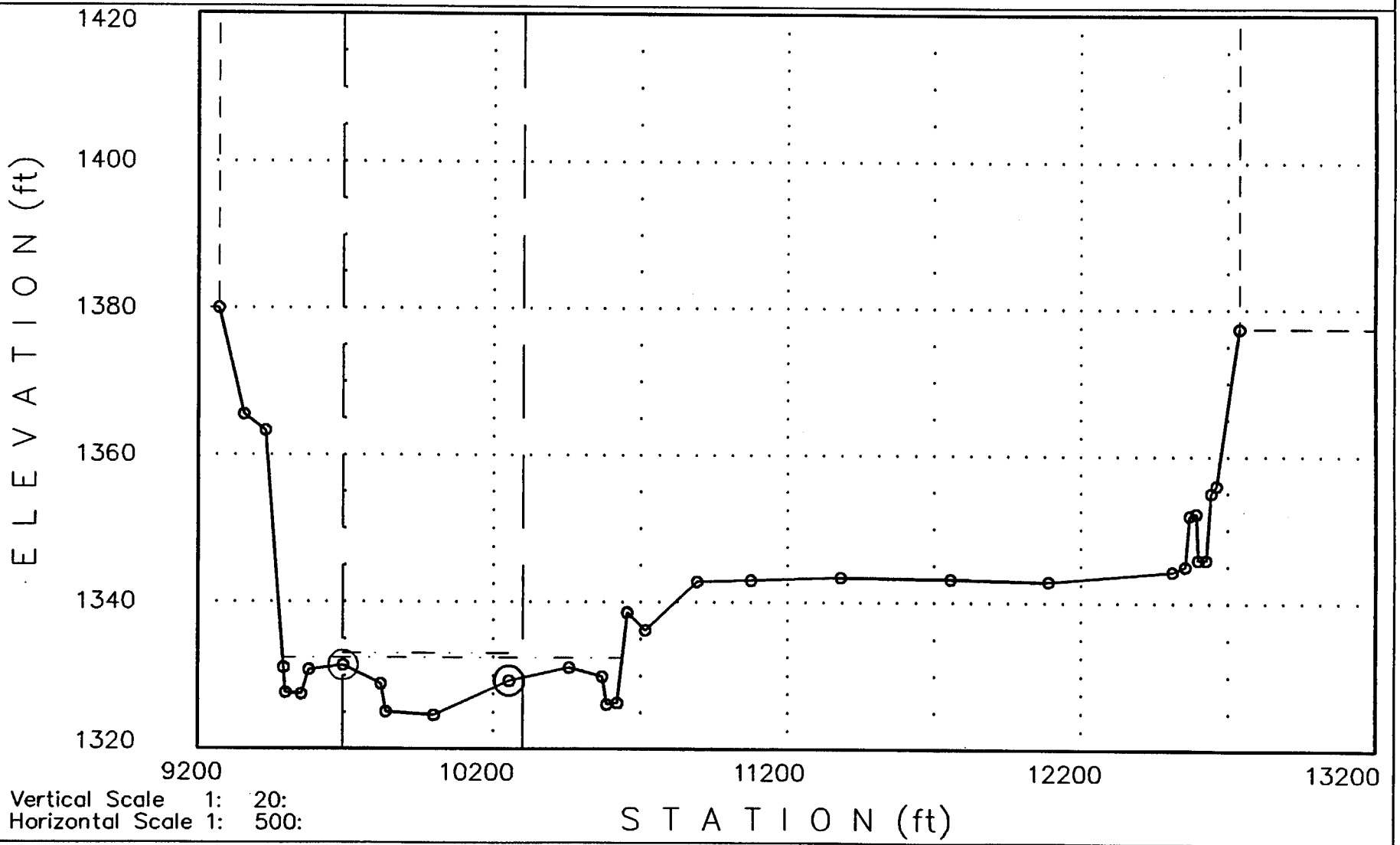
Vertical Scale 1: 20:
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 29.39: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1332.48
Q2= 23000cfs WS2= 1333.03

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

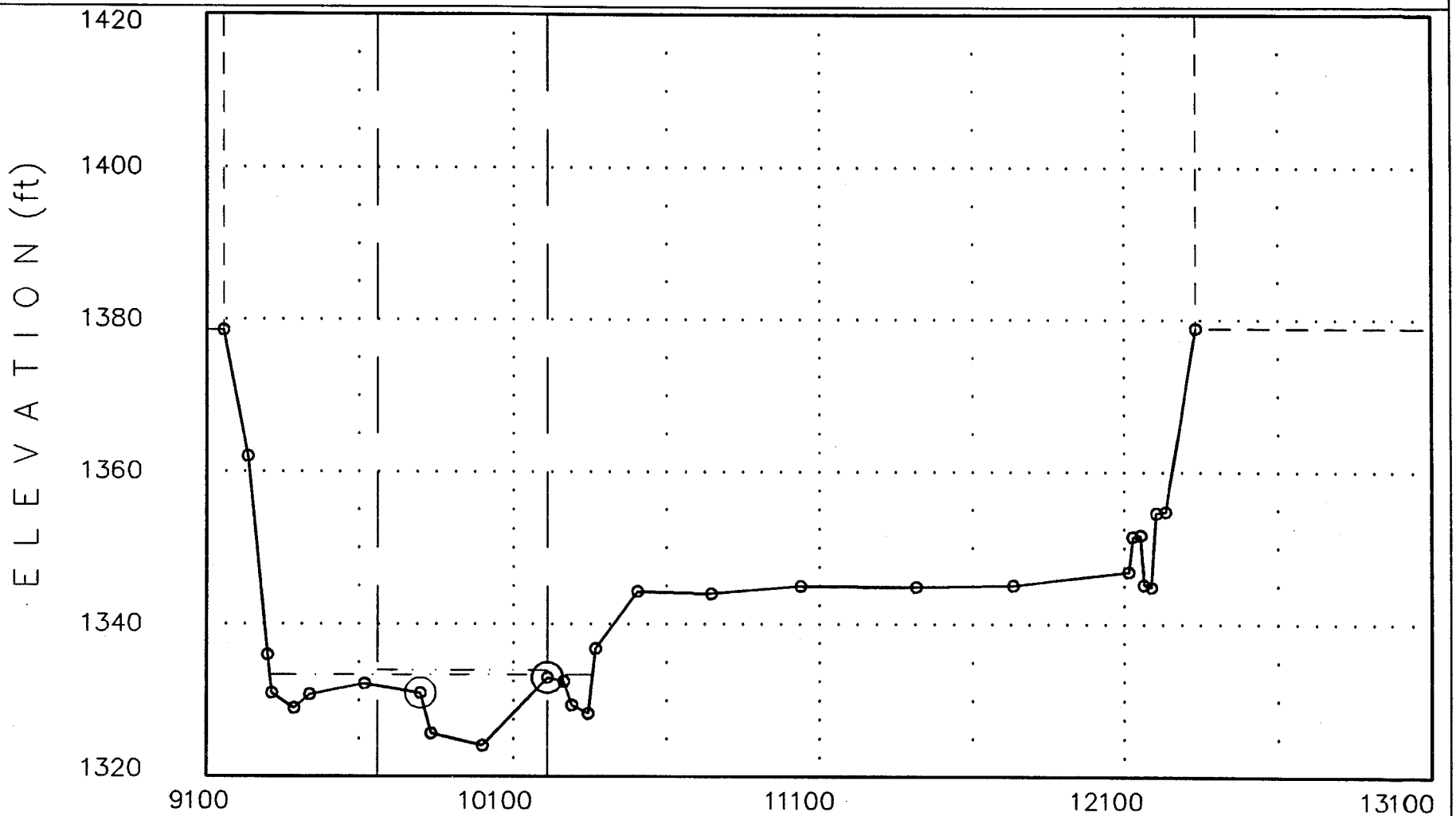
09-12-1996

<<<<<< Cross Section: 29.47: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1333.38

Q2= 23000cfs WS2= 1333.97

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 500:

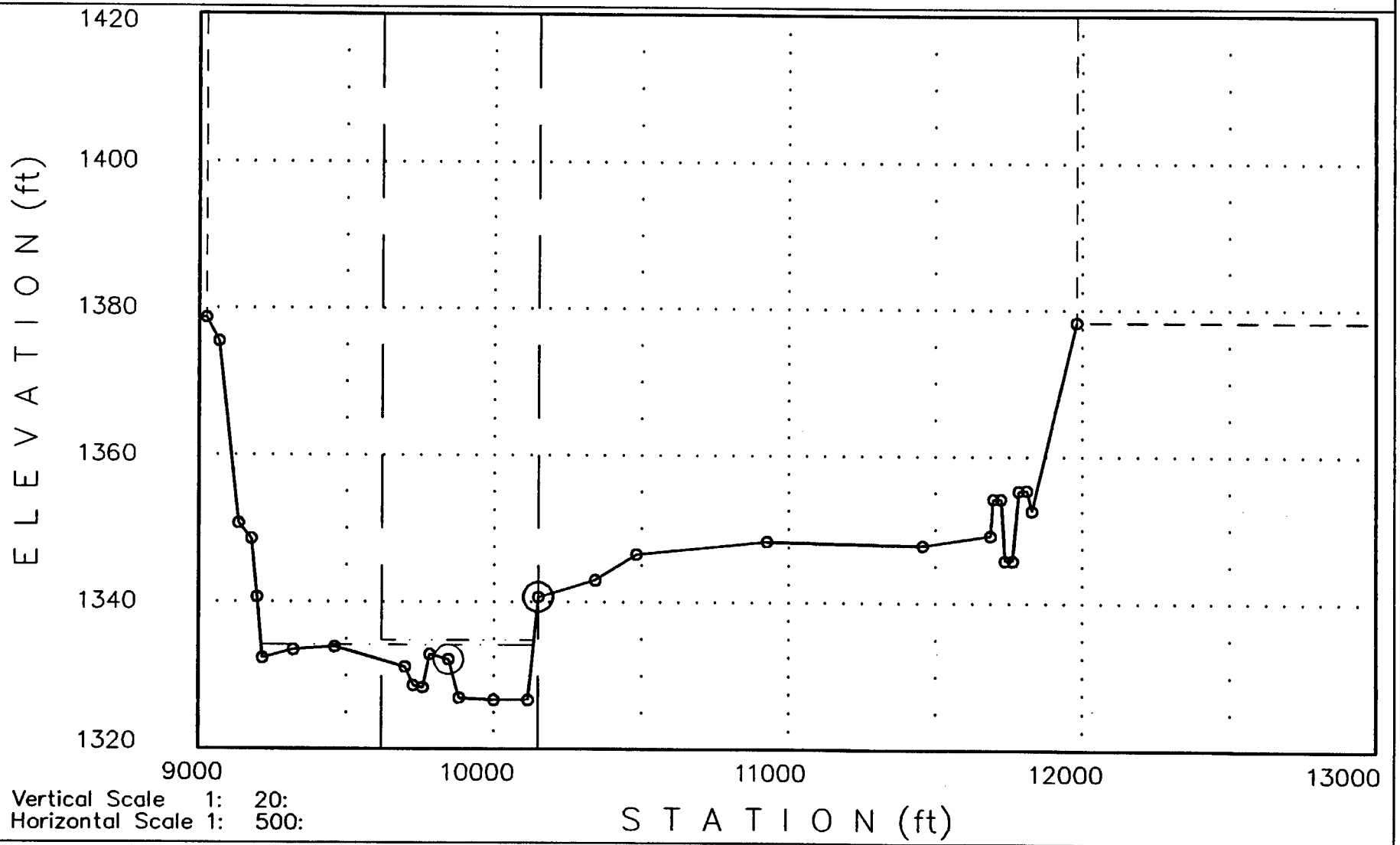
09-12-1996

<<<<<< Cross Section: 29.54: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1334.19

Q2= 23000cfs WS2= 1334.88

Manning-n Values: LOB: .055 CH: .035 ROB: 0



Vertical Scale 1: 20:

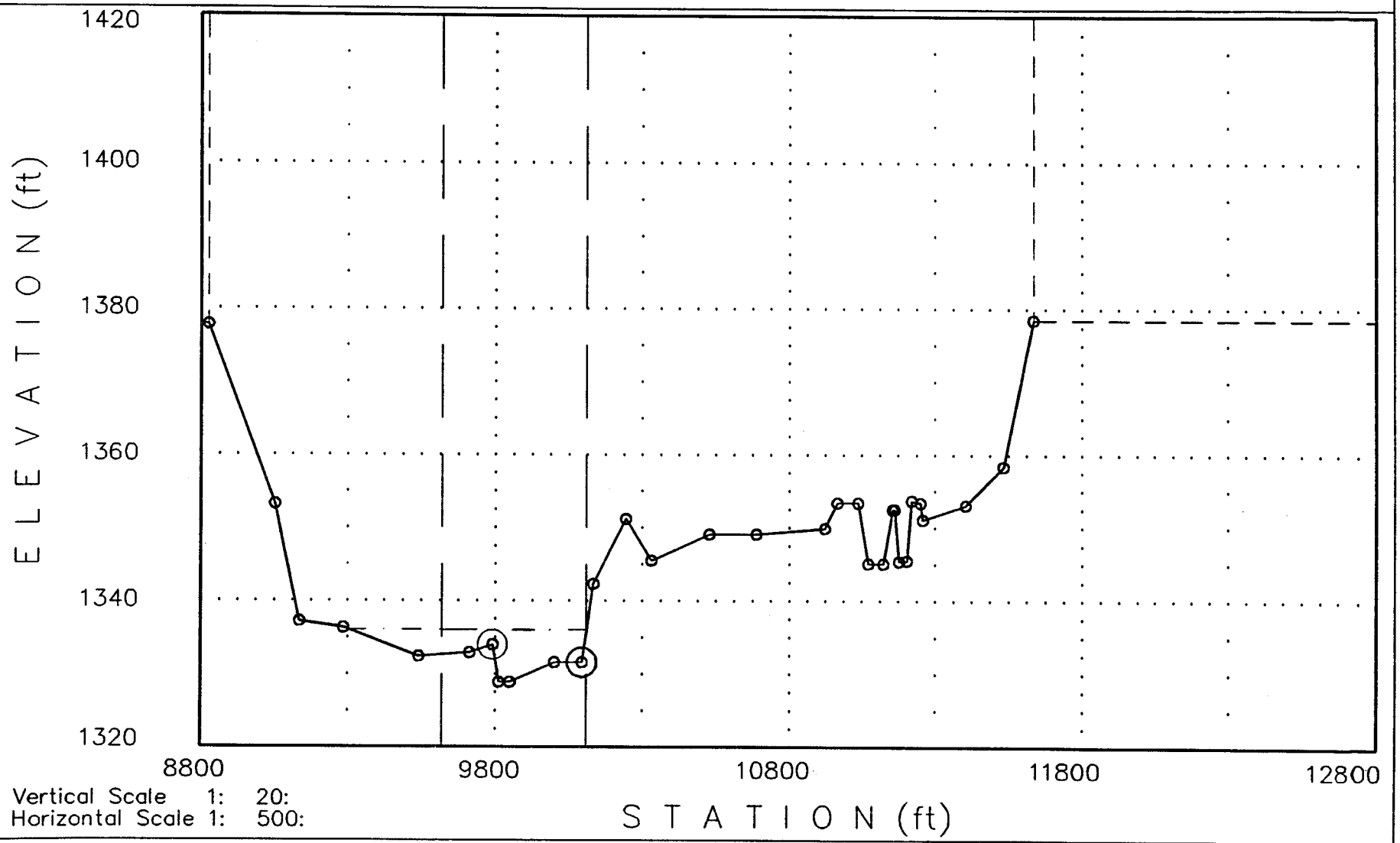
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 29.611: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1336.02
Q2= 23000cfs WS2= 1336

Manning-n Values: LOB: .055 CH: .035 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

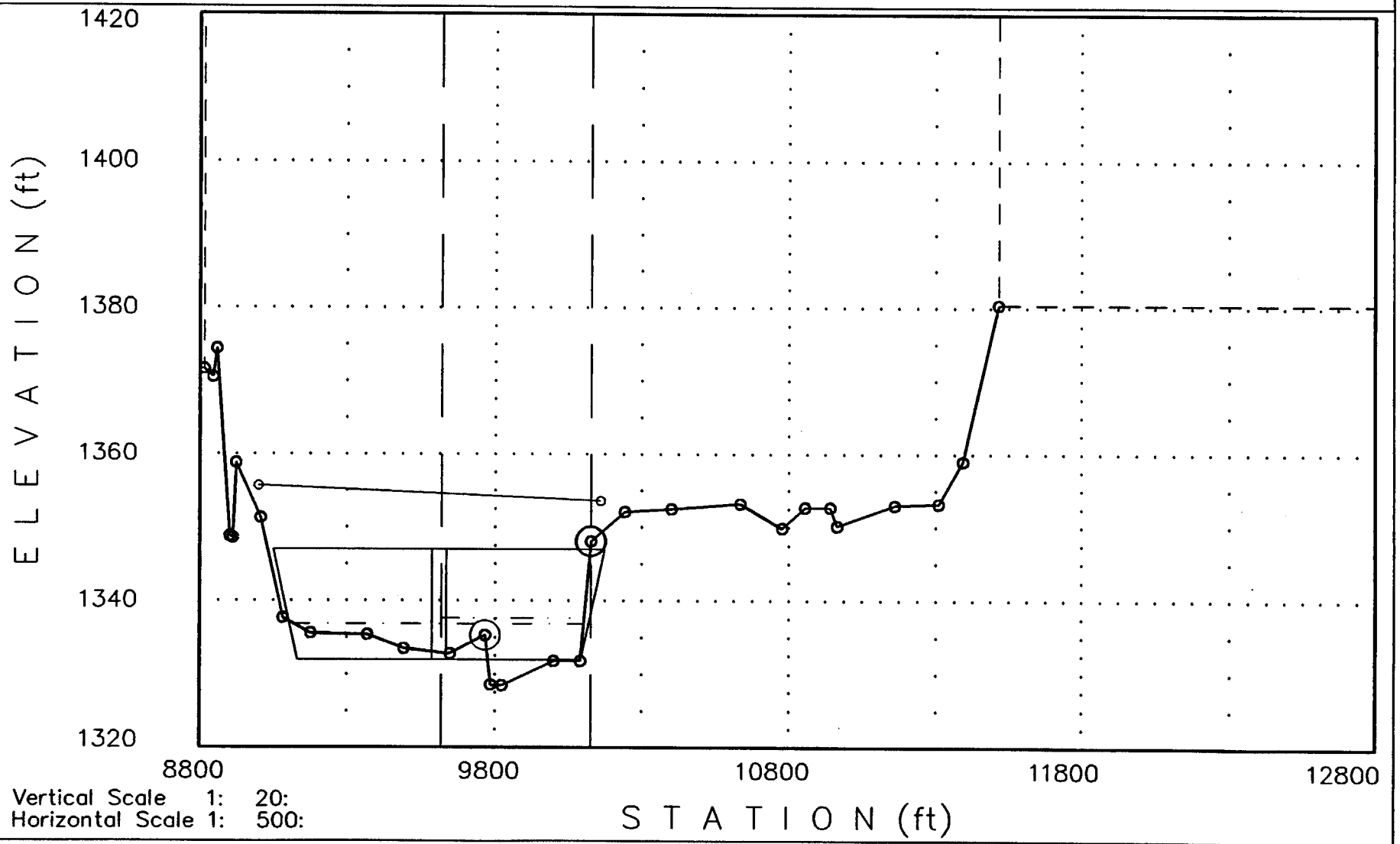
09-12-1996

<<<<<< Cross Section: 29.624: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1336.83

Q2= 23000cfs WS2= 1337.68

Manning-n Values: LOB: .055 CH: .035 ROB: 0



Vertical Scale 1: 20:

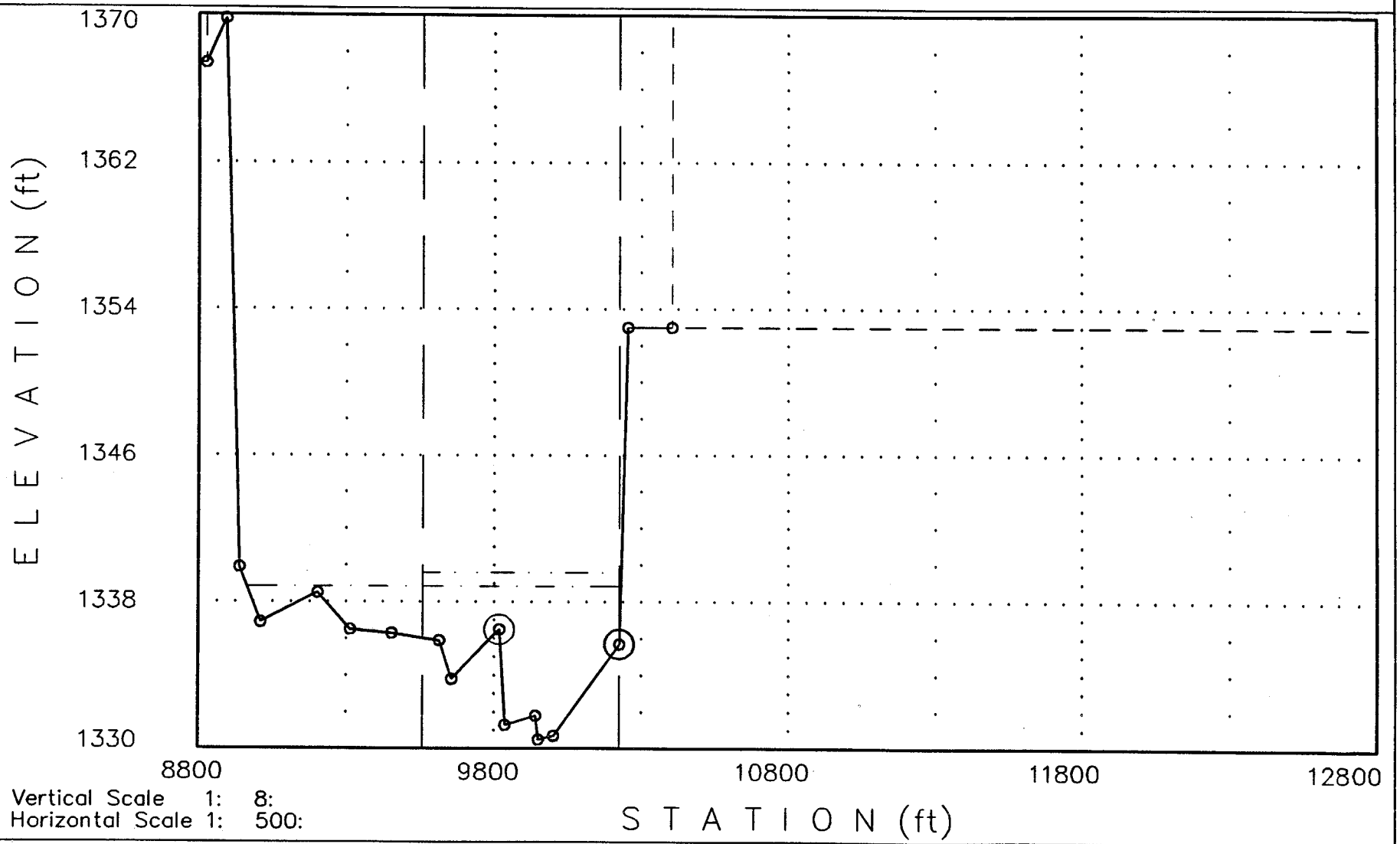
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 29.72: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1338.85
Q2= 23000cfs WS2= 1339.6

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 8:
Horizontal Scale 1: 500:

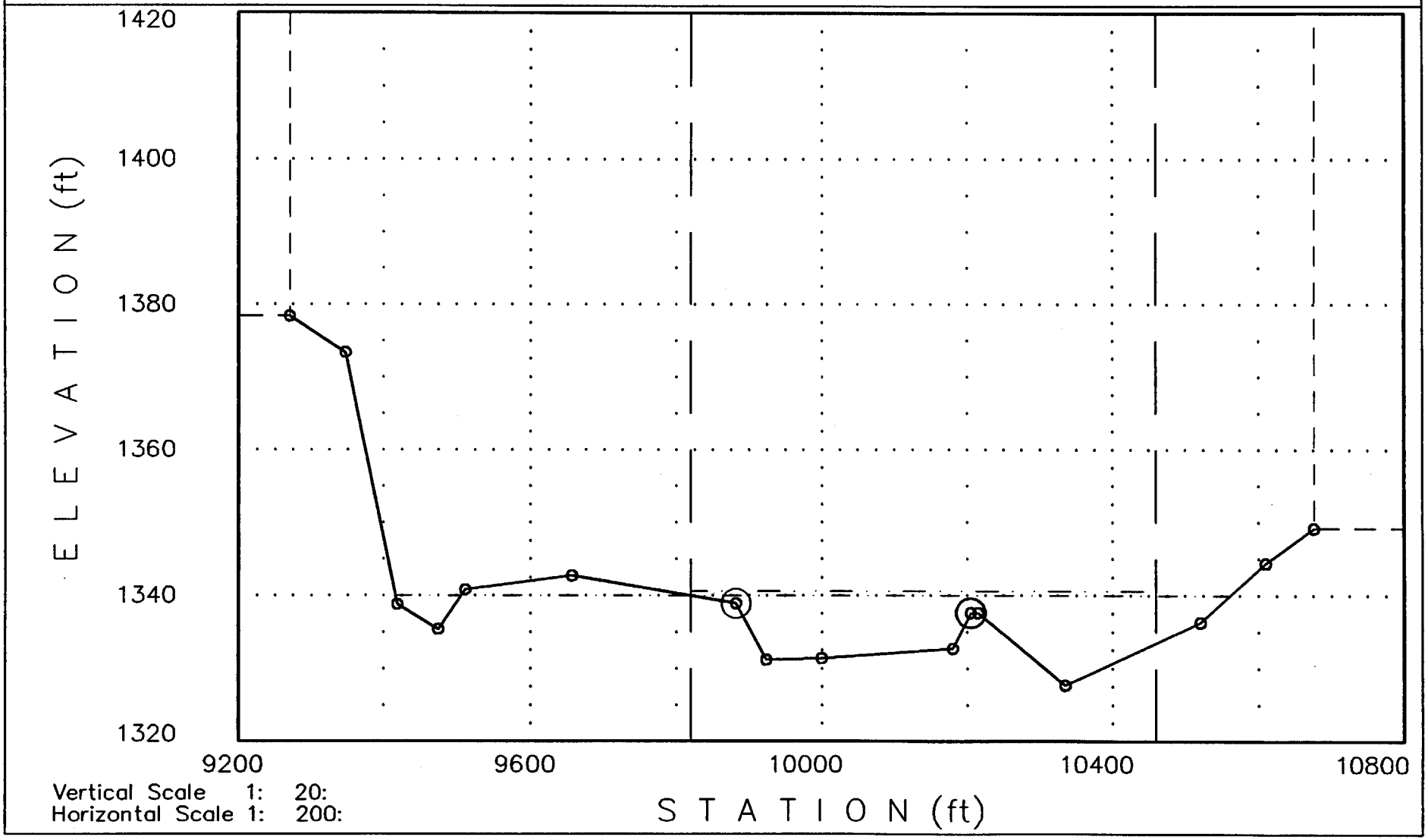
09-12-1996

<<<<<< Cross Section: 29.8: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1339.98

Q2= 23000cfs WS2= 1340.61

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

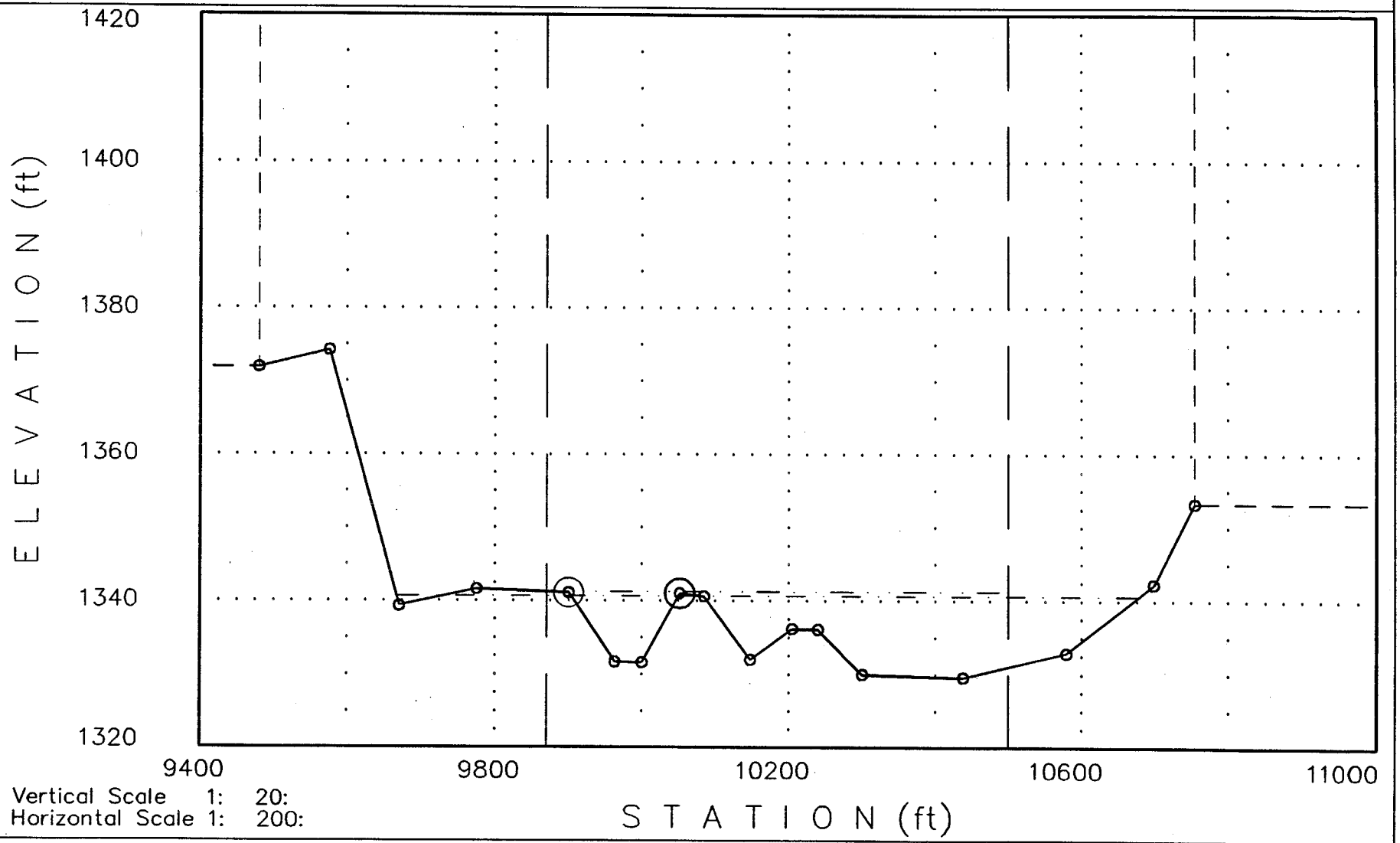
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 29.89: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1340.69
Q2= 23000cfs WS2= 1341.25

Manning-n Values: LOB: .055 CH: .04 ROB: .055



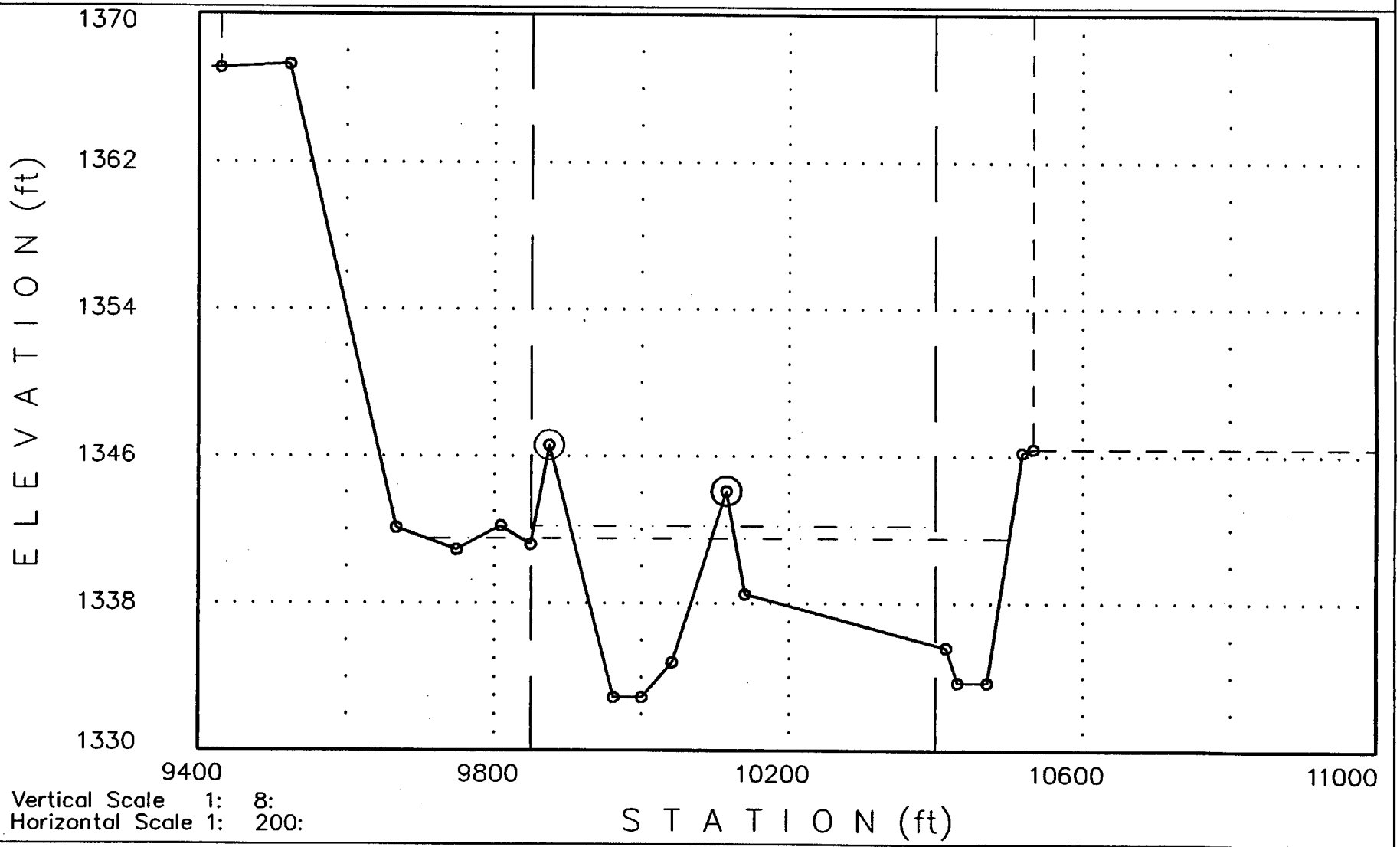
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 29.99: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1341.53
Q2= 23000cfs WS2= 1342.2

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 8:
Horizontal Scale 1: 200:

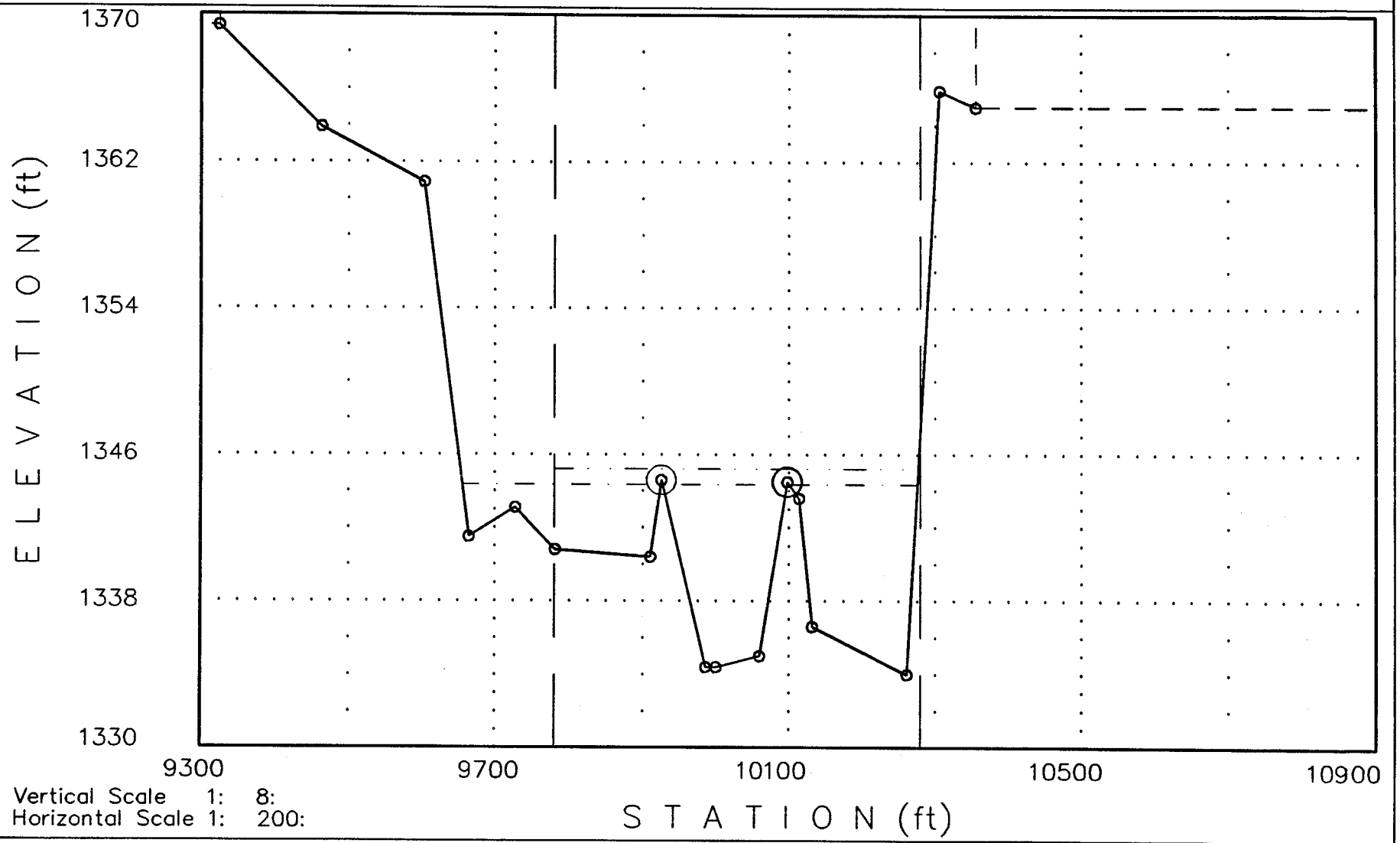
09-12-1996

<<<<<< Cross Section: 30.07: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1344.36

Q2= 23000cfs WS2= 1345.22

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 8:

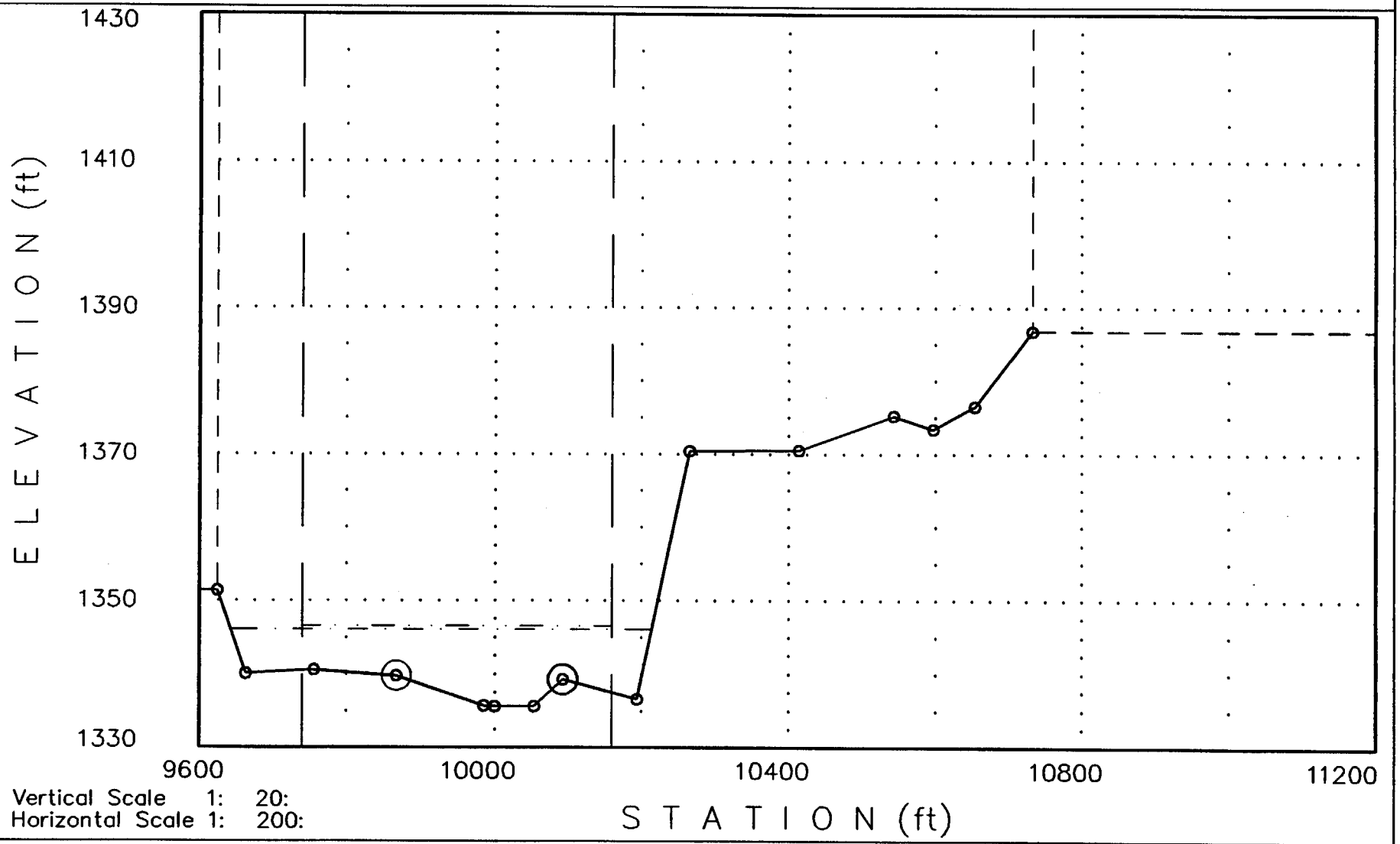
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 30.17: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1346.14
Q2= 23000cfs WS2= 1346.57

Manning-n Values: LOB: .055 CH: .04 ROB: .055



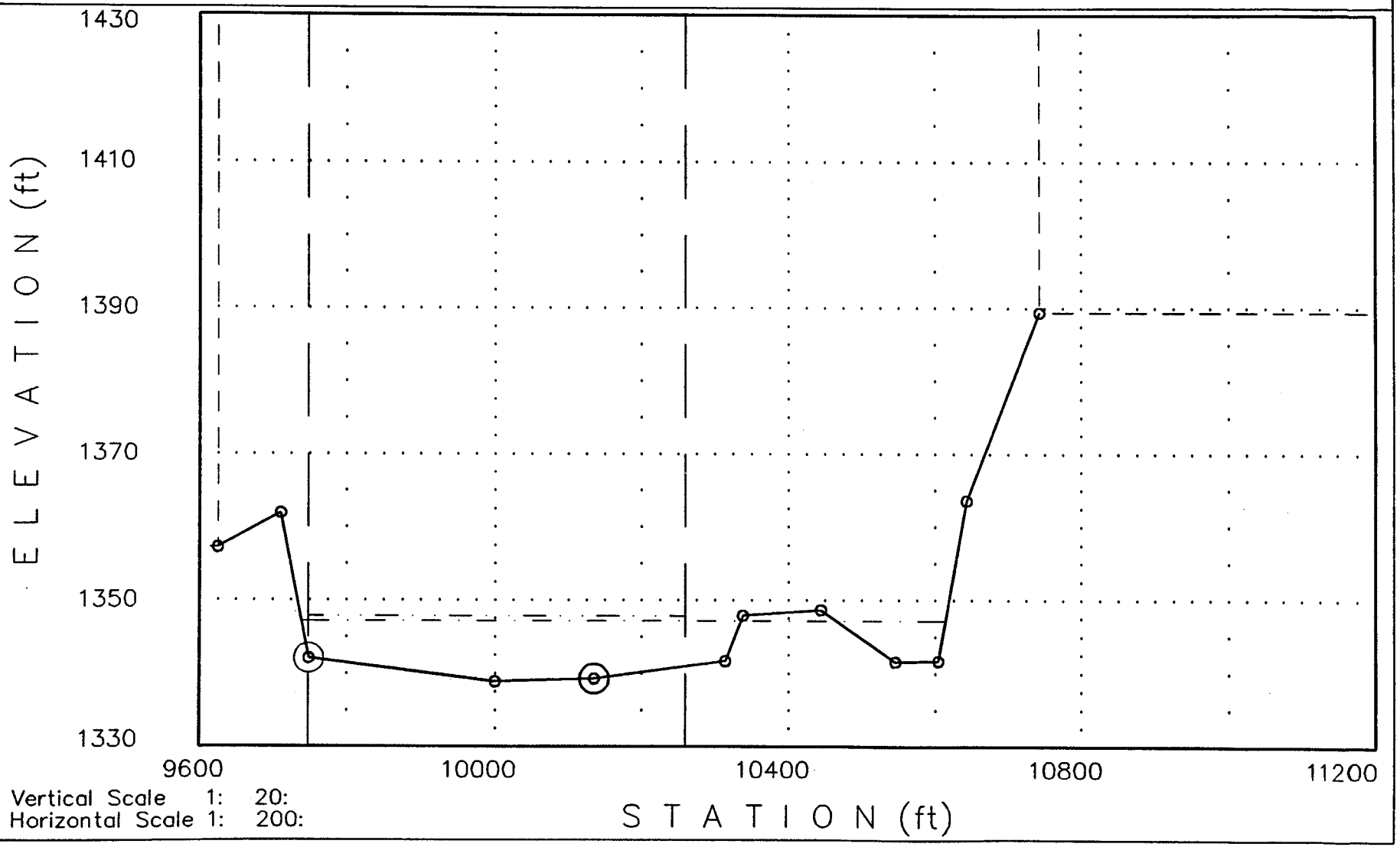
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 30.26: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1347.17
Q2= 23000cfs WS2= 1347.83

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

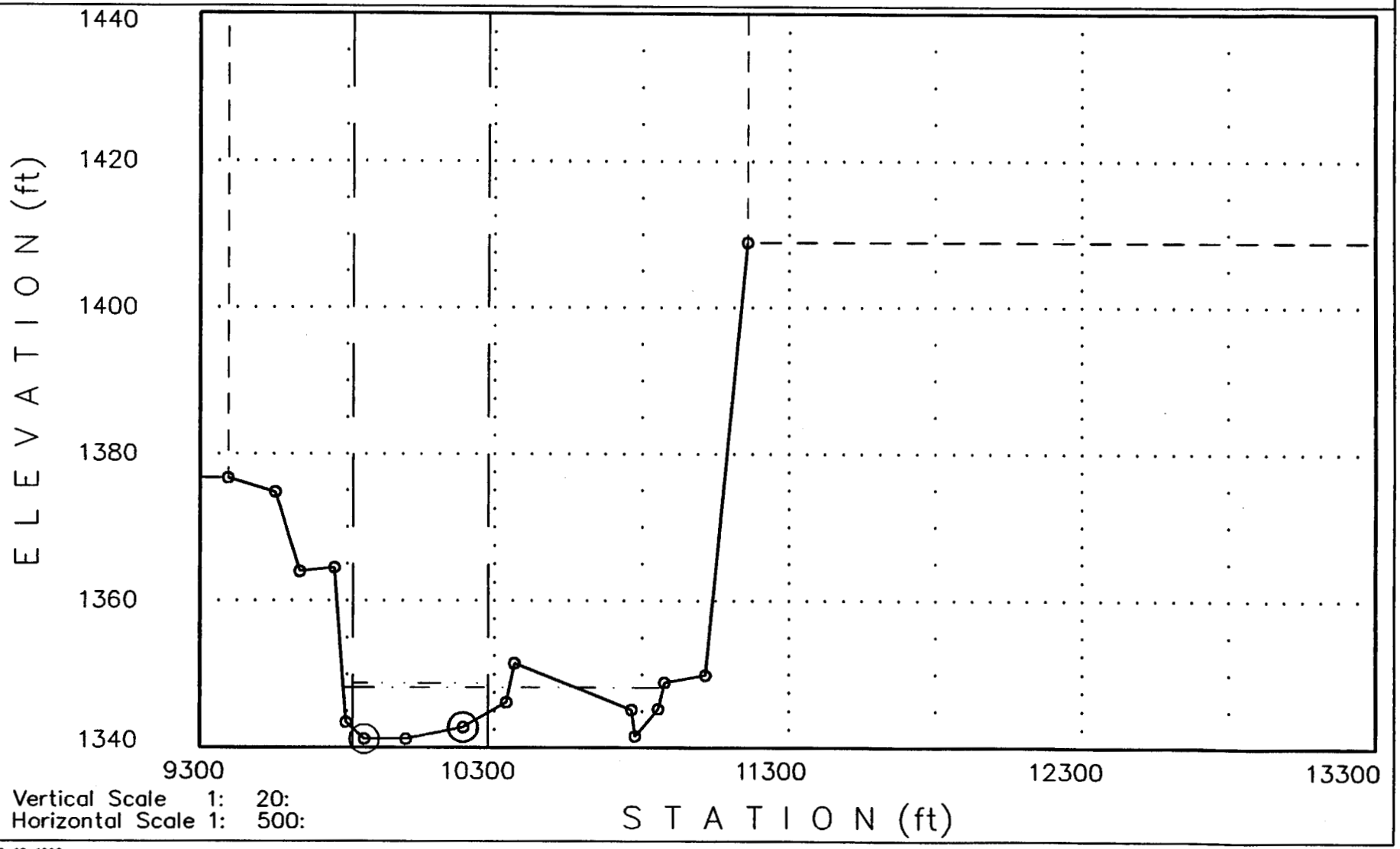
09-12-1996

<<<<<< Cross Section: 30.36: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1348.23

Q2= 23000cfs WS2= 1348.83

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

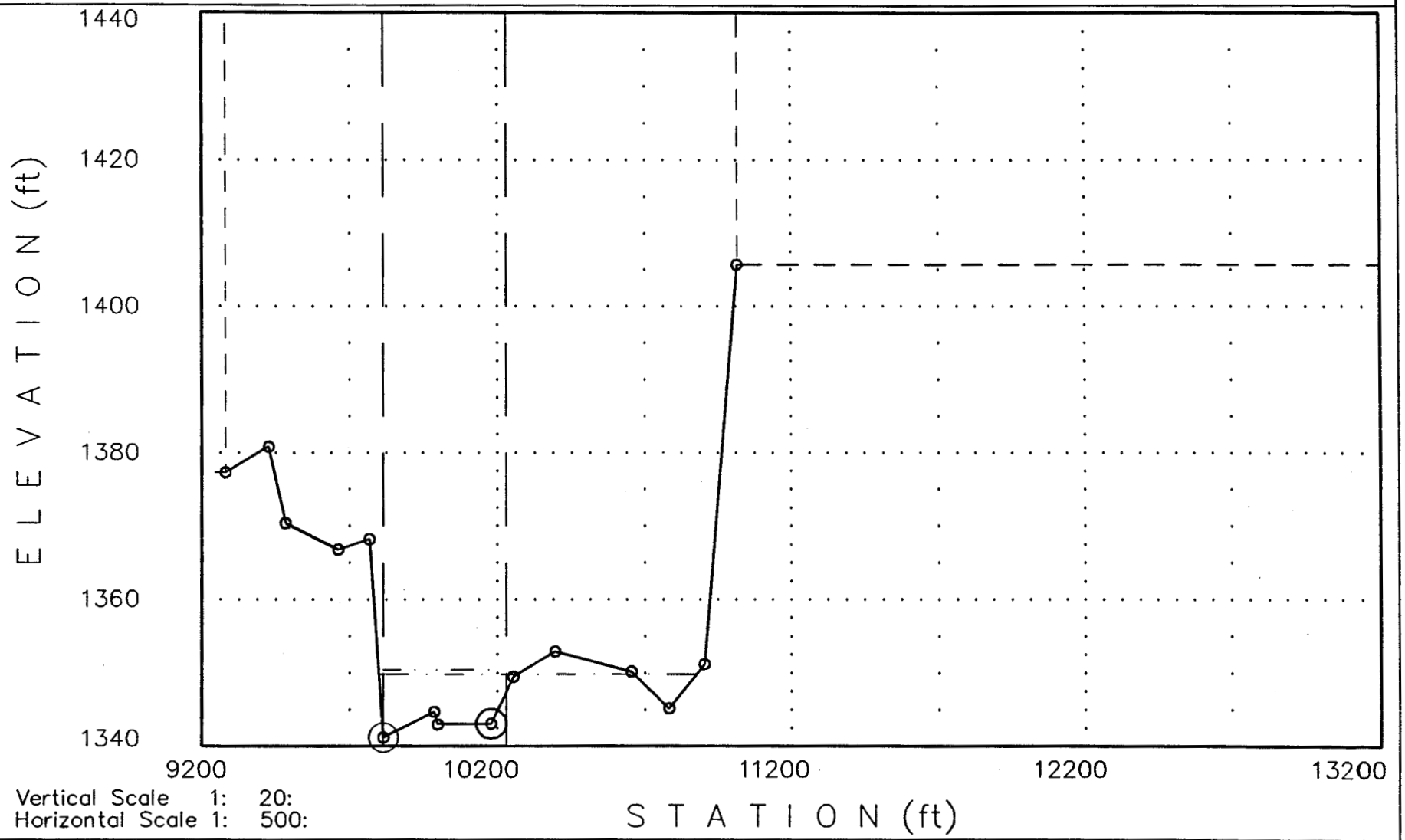
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 30.46: (FN = AGUAFRIA.20) >>>>>>

Q1= 23000cfs WS1= 1349.82
Q2= 23000cfs WS2= 1350.47

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 500:

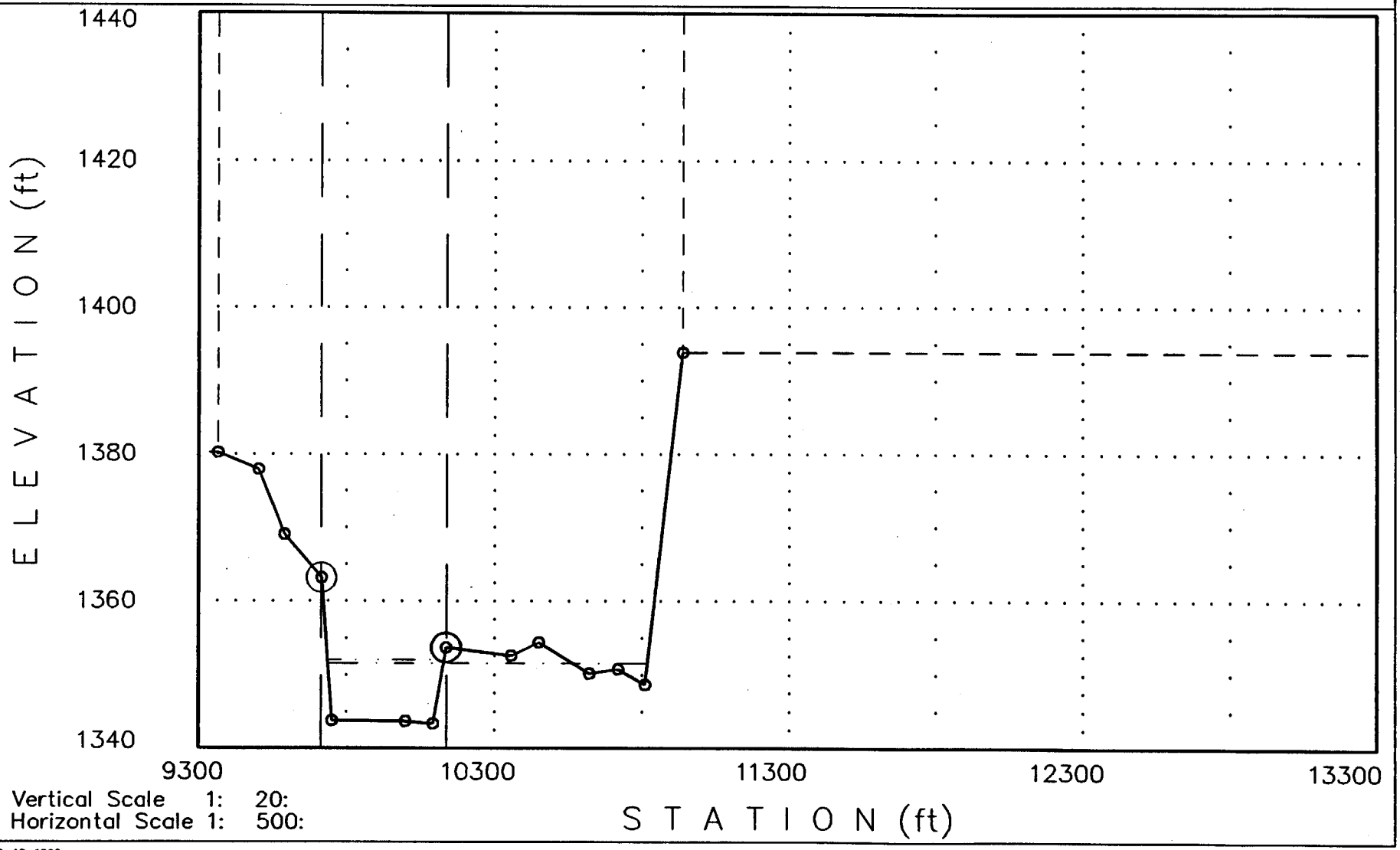
09-12-1996

<<<<<< Cross Section: 30.55: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1351.58

Q2= 21000cfs WS2= 1352.07

Manning-n Values: LOB: 0 CH: .04 ROB: 0 - .055



Vertical Scale 1: 20:

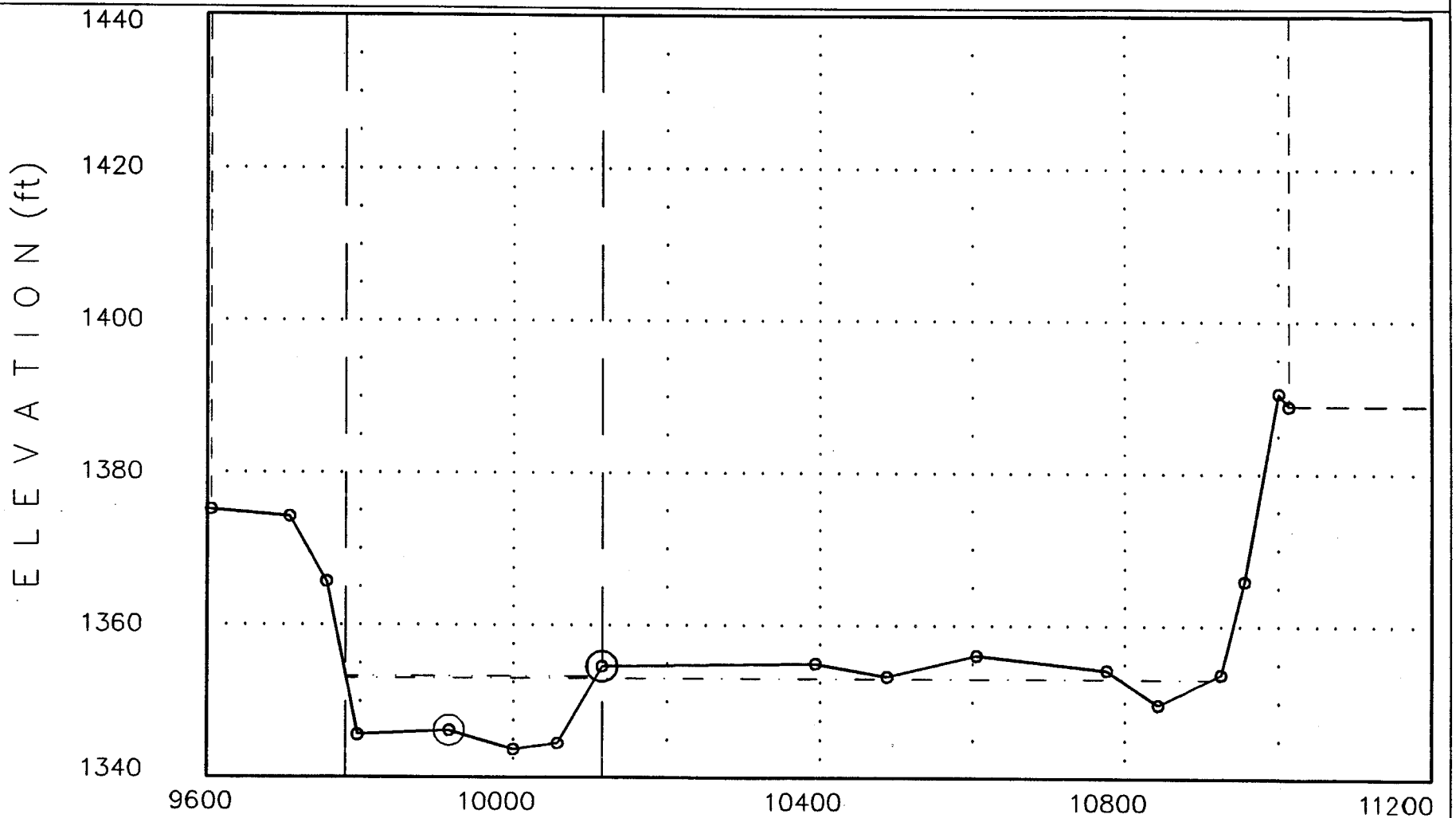
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 30.65: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1353.06
Q2= 21000cfs WS2= 1353.33

Manning-n Values: LOB: .055 CH: .04 ROB: 0 - .055



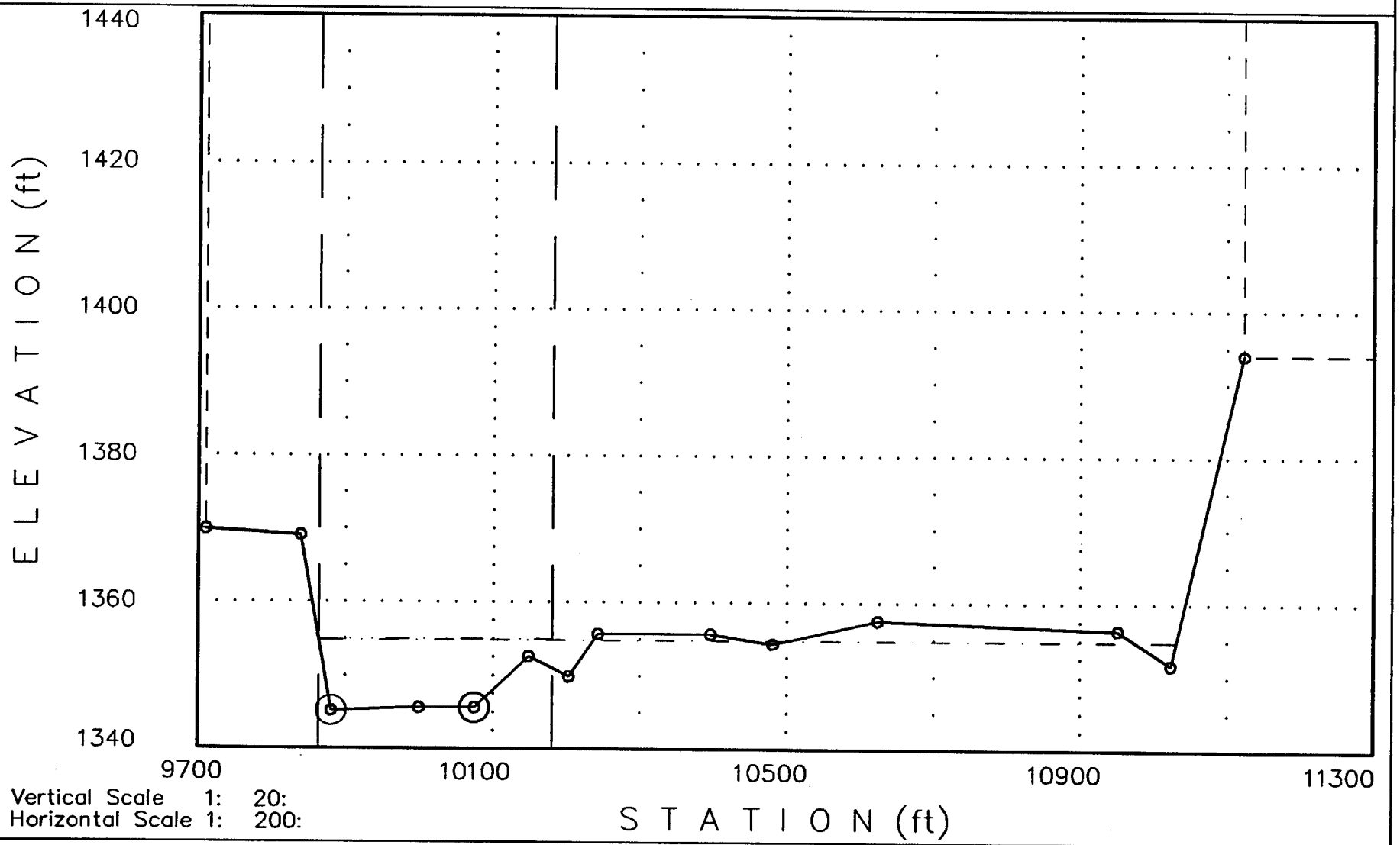
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 30.73: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1354.84
Q2= 21000cfs WS2= 1354.99

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

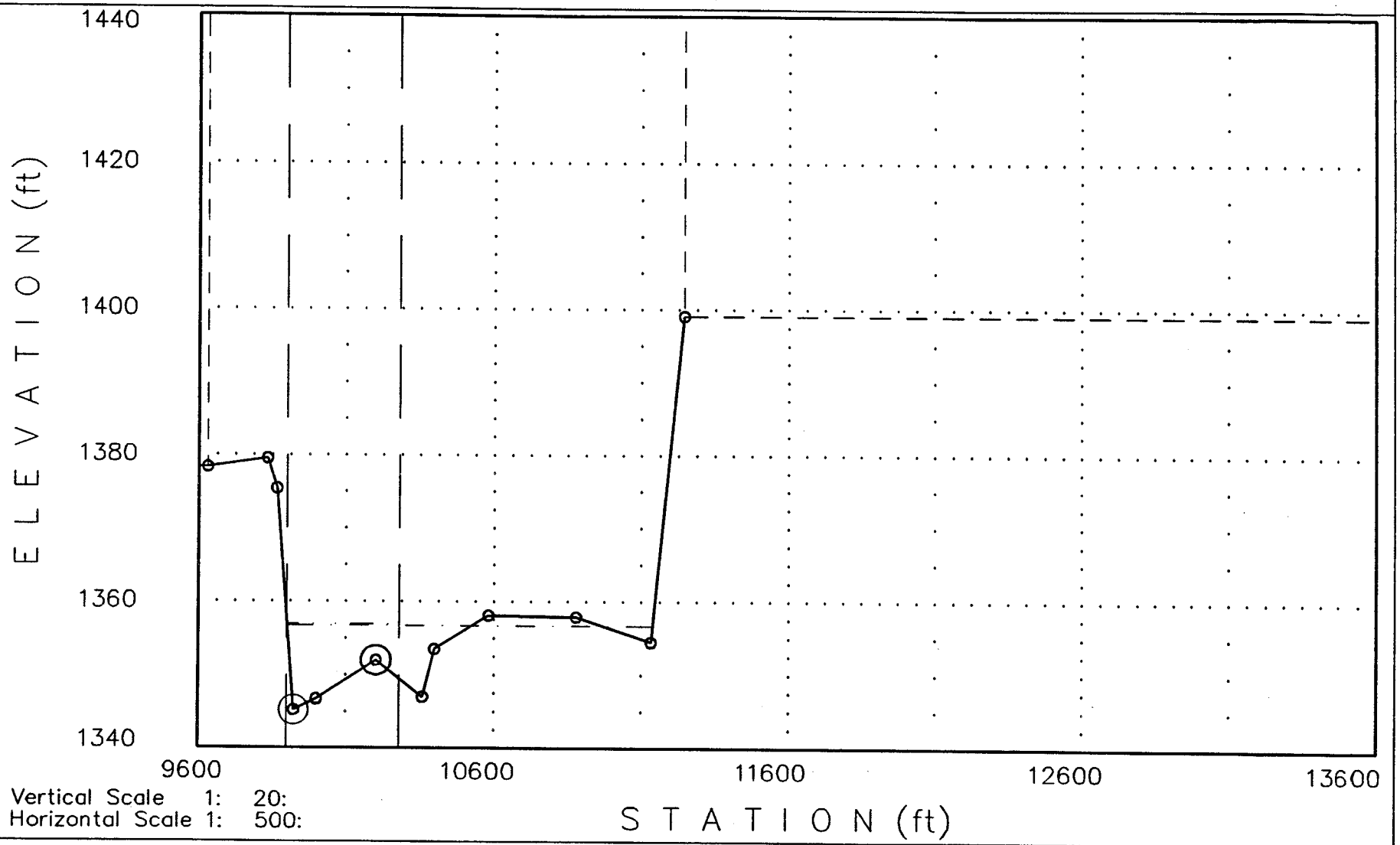
09-12-1996

<<<<<< Cross Section: 30.82: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1356.75

Q2= 21000cfs WS2= 1356.94

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 500:

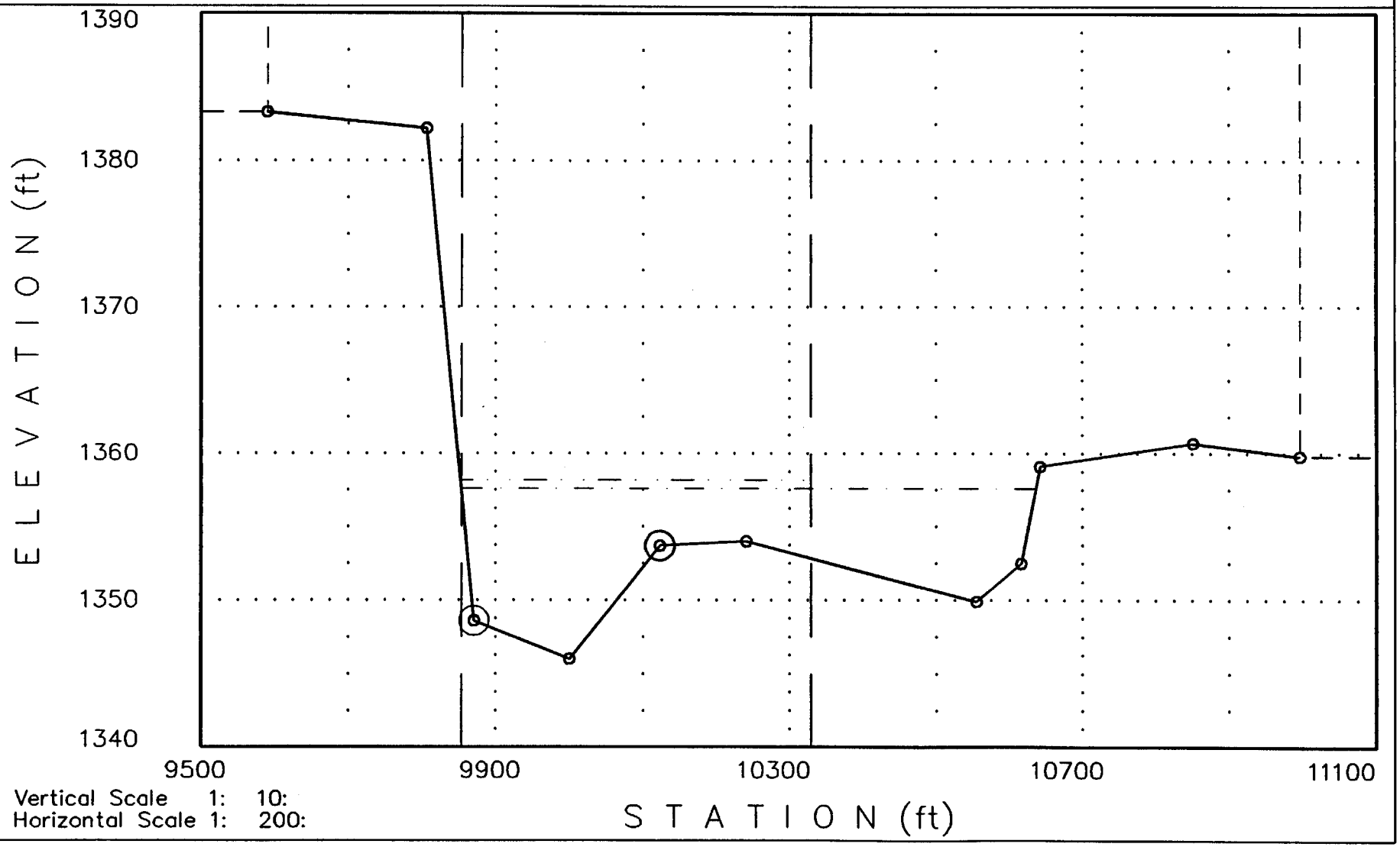
09-12-1996

<<<<<< Cross Section: 30.92: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1357.6

Q2= 21000cfs WS2= 1358.19

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 10:

Horizontal Scale 1: 200:

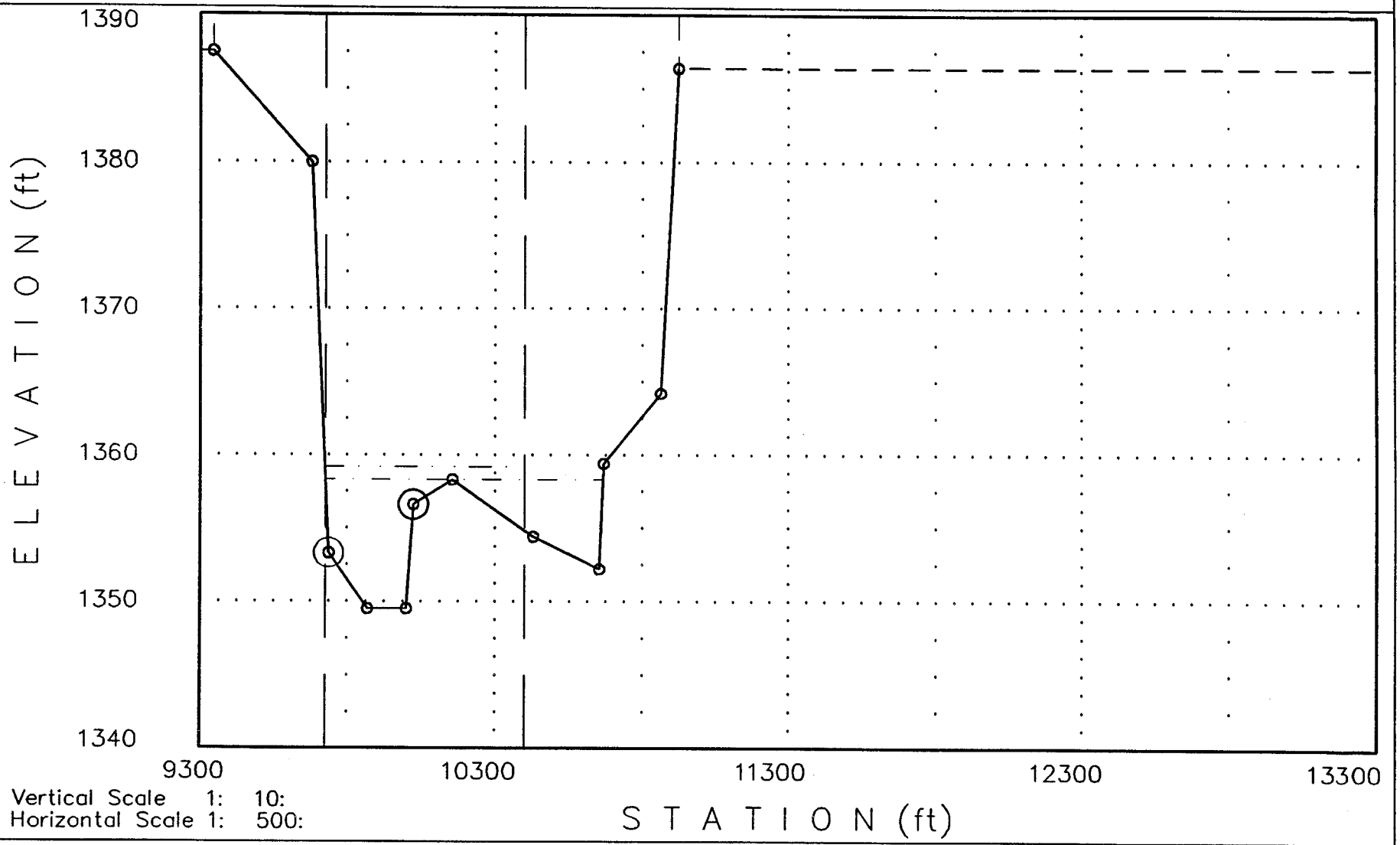
09-12-1996

<<<<<< Cross Section: 31.01: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1358.33

Q2= 21000cfs WS2= 1359.2

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 10:

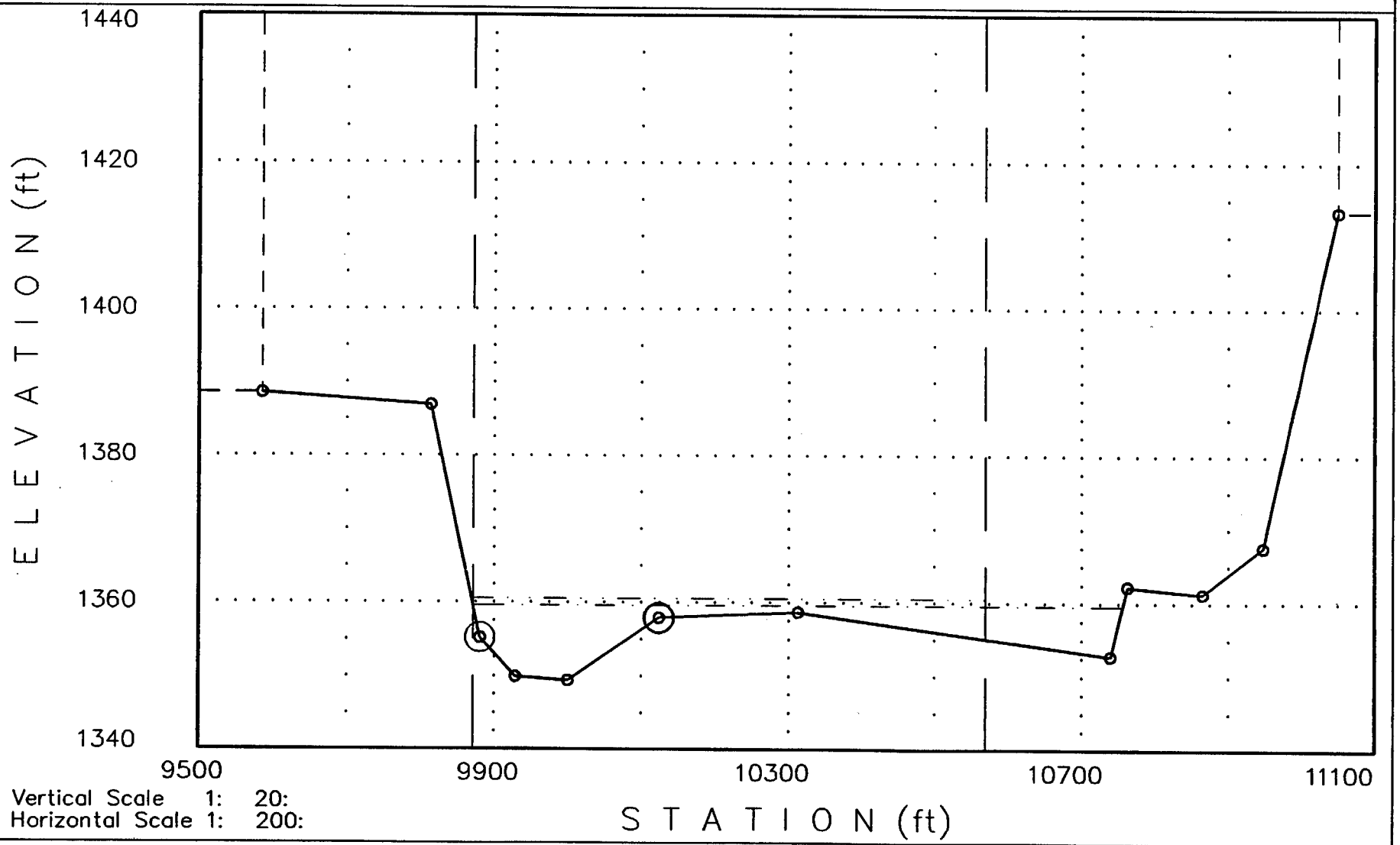
Horizontal Scale 1: 500:

09-12-1996

<<<<<< Cross Section: 31.11: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1359.58
Q2= 21000cfs WS2= 1360.51

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

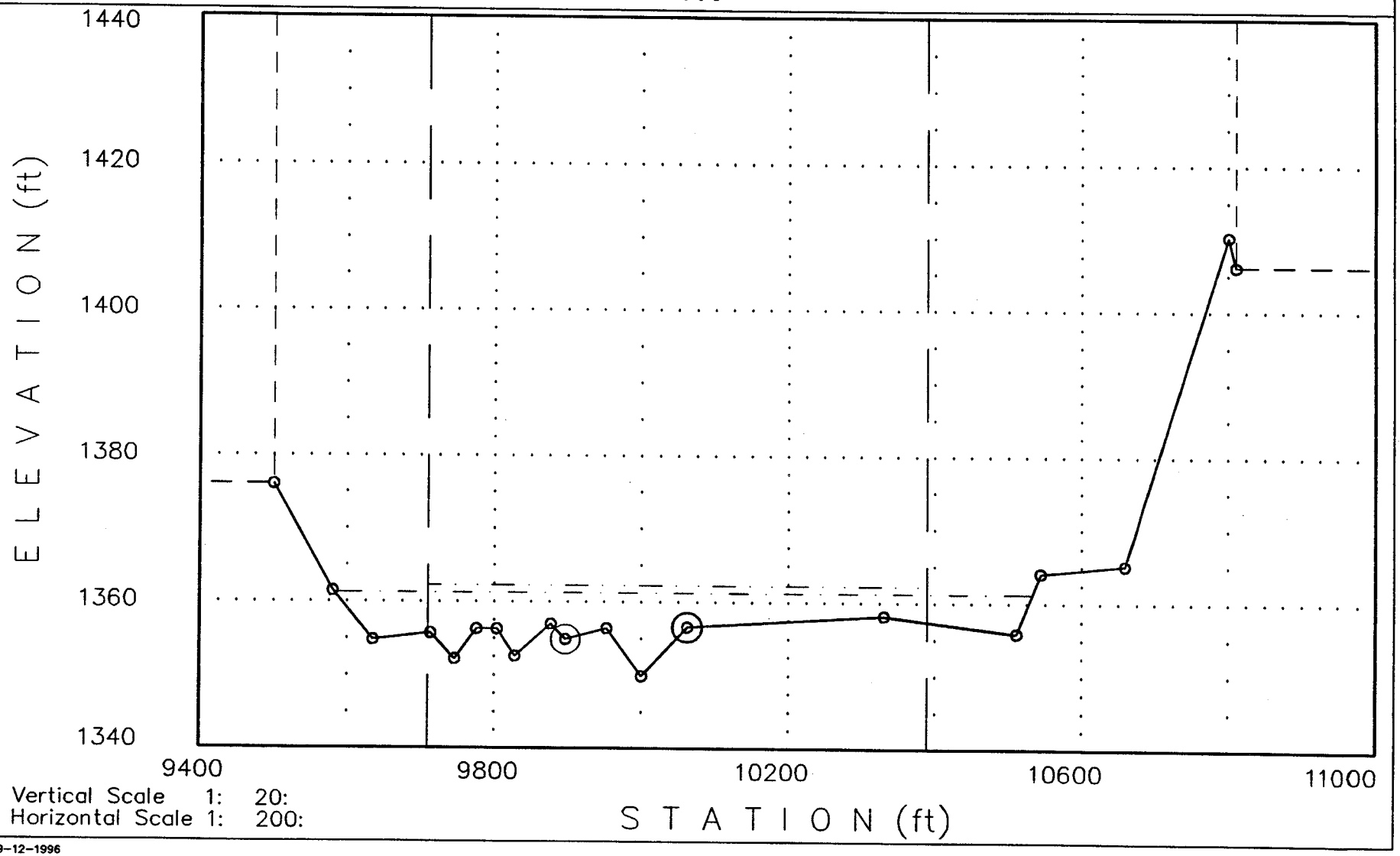
09-12-1996

<<<<<< Cross Section: 31.2: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1361.29

Q2= 21000cfs WS2= 1362.23

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

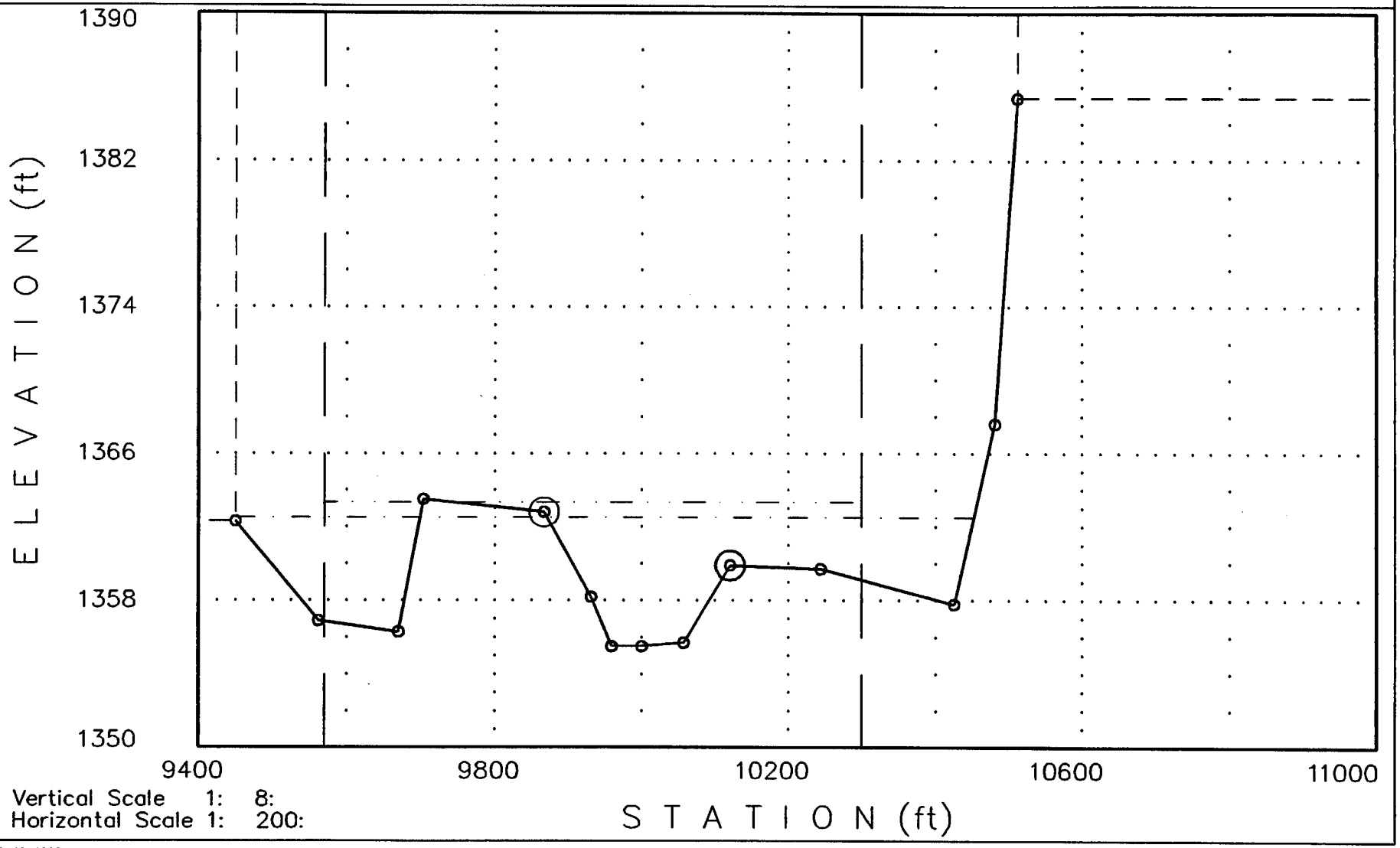
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 31.29: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1362.52
Q2= 21000cfs WS2= 1363.34

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 8:
Horizontal Scale 1: 200:

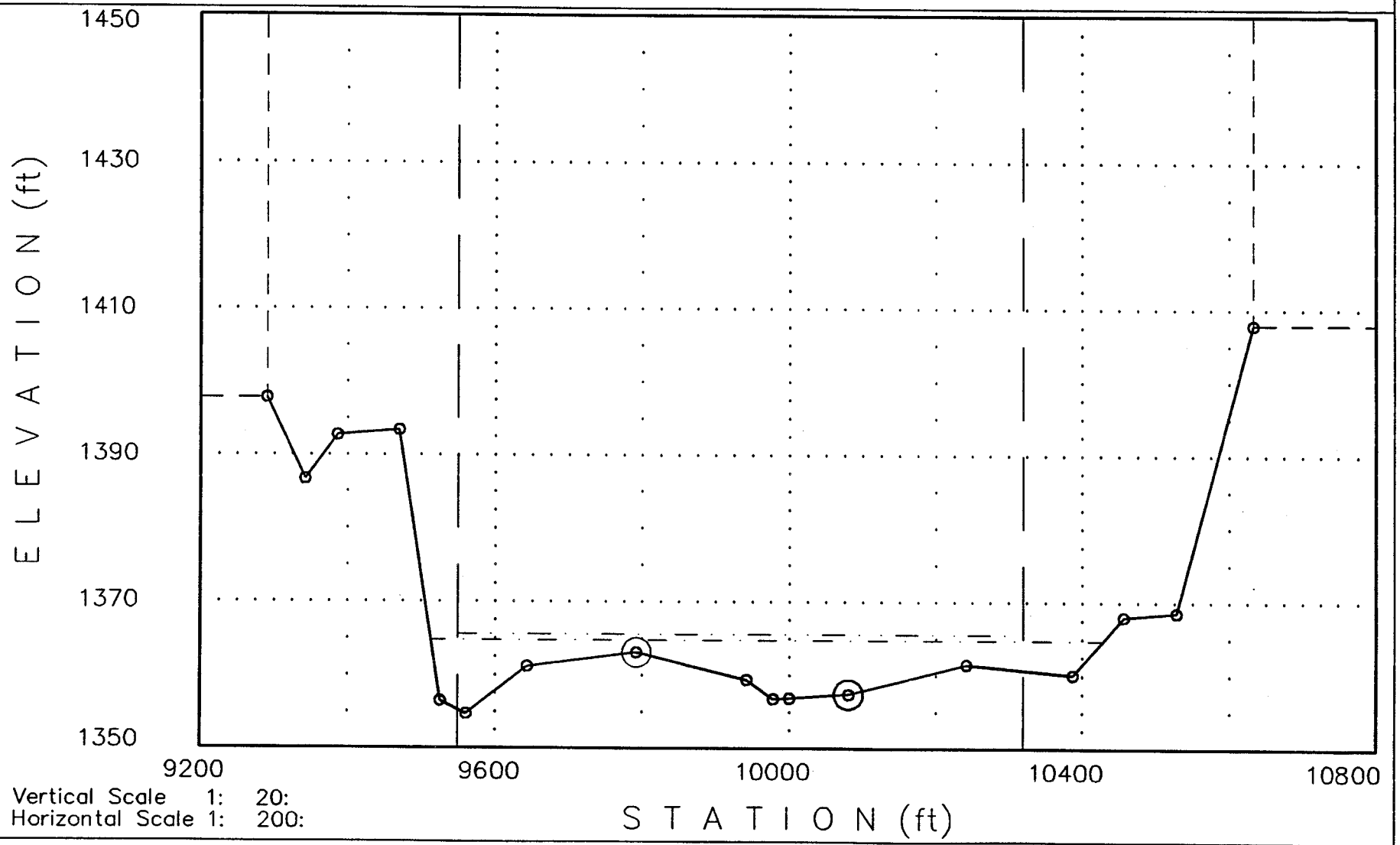
09-12-1996

<<<<<< Cross Section: 31.39: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1364.77

Q2= 21000cfs WS2= 1365.59

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 200:

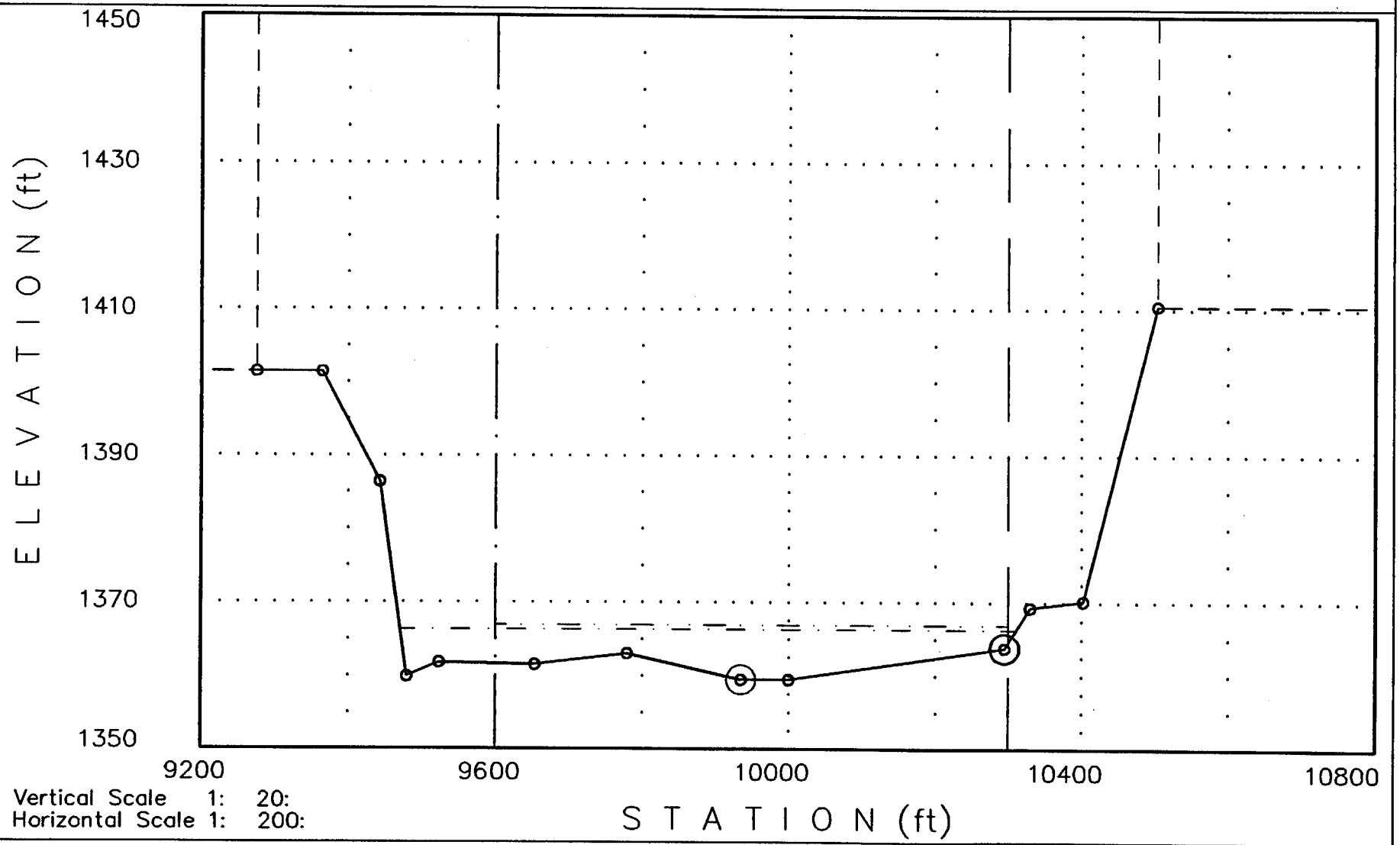
09-12-1996

<<<<<< Cross Section: 31.49: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1366.34

Q2= 21000cfs WS2= 1366.92

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

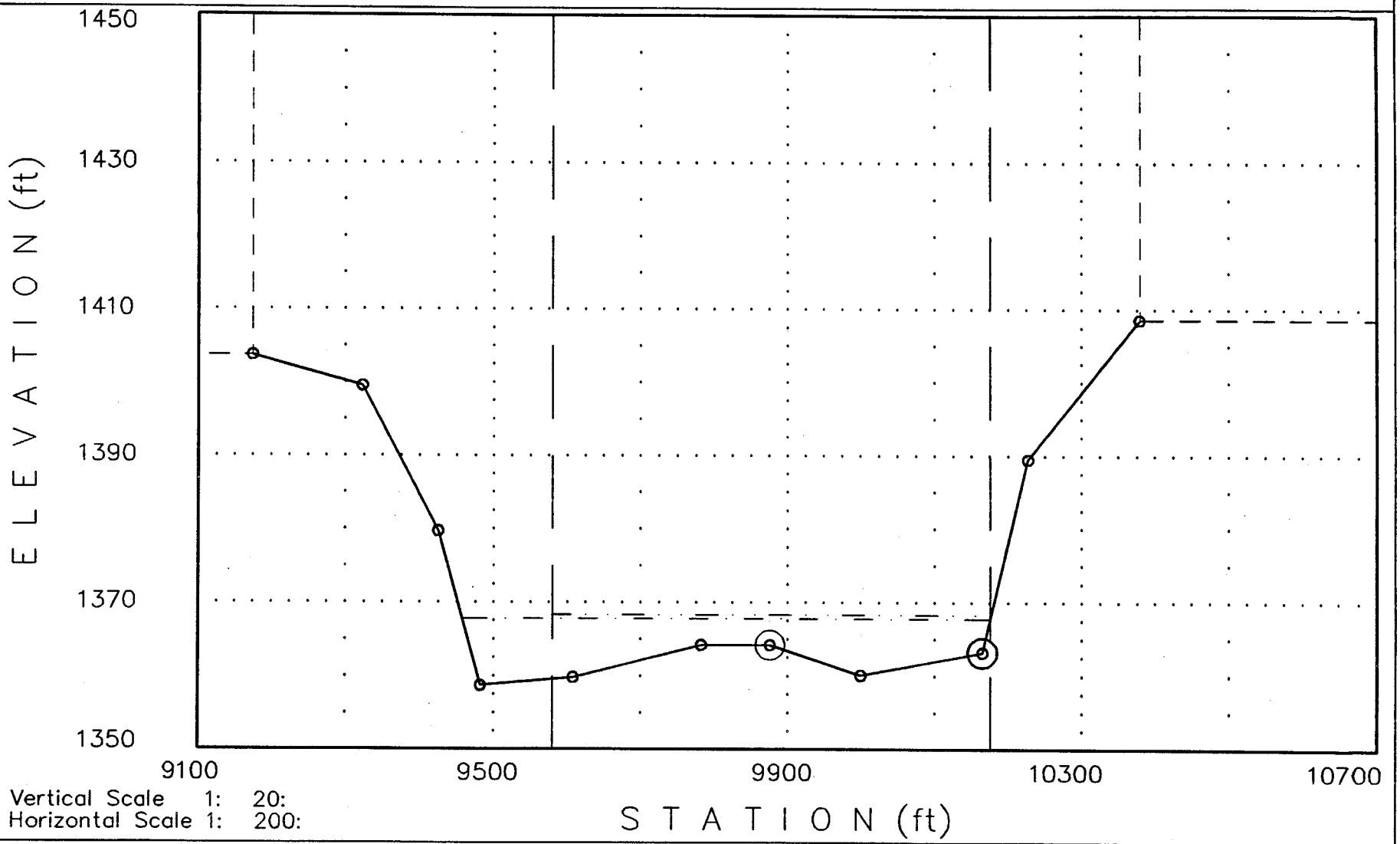
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 31.59: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1367.77
Q2= 21000cfs WS2= 1368.36

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

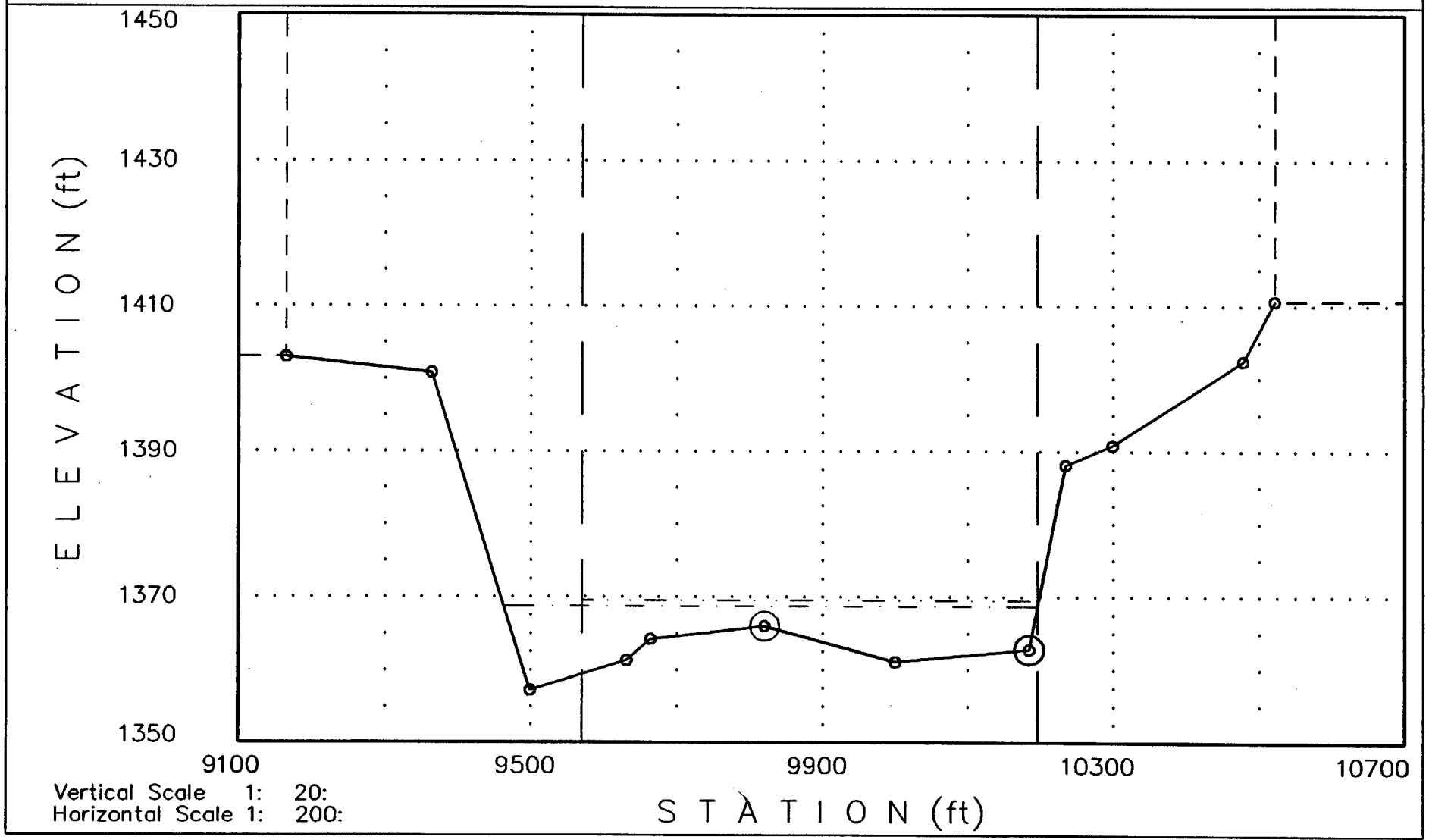
09-12-1996

<<<<<< Cross Section: 31.67: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1368.72

Q2= 21000cfs WS2= 1369.54

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

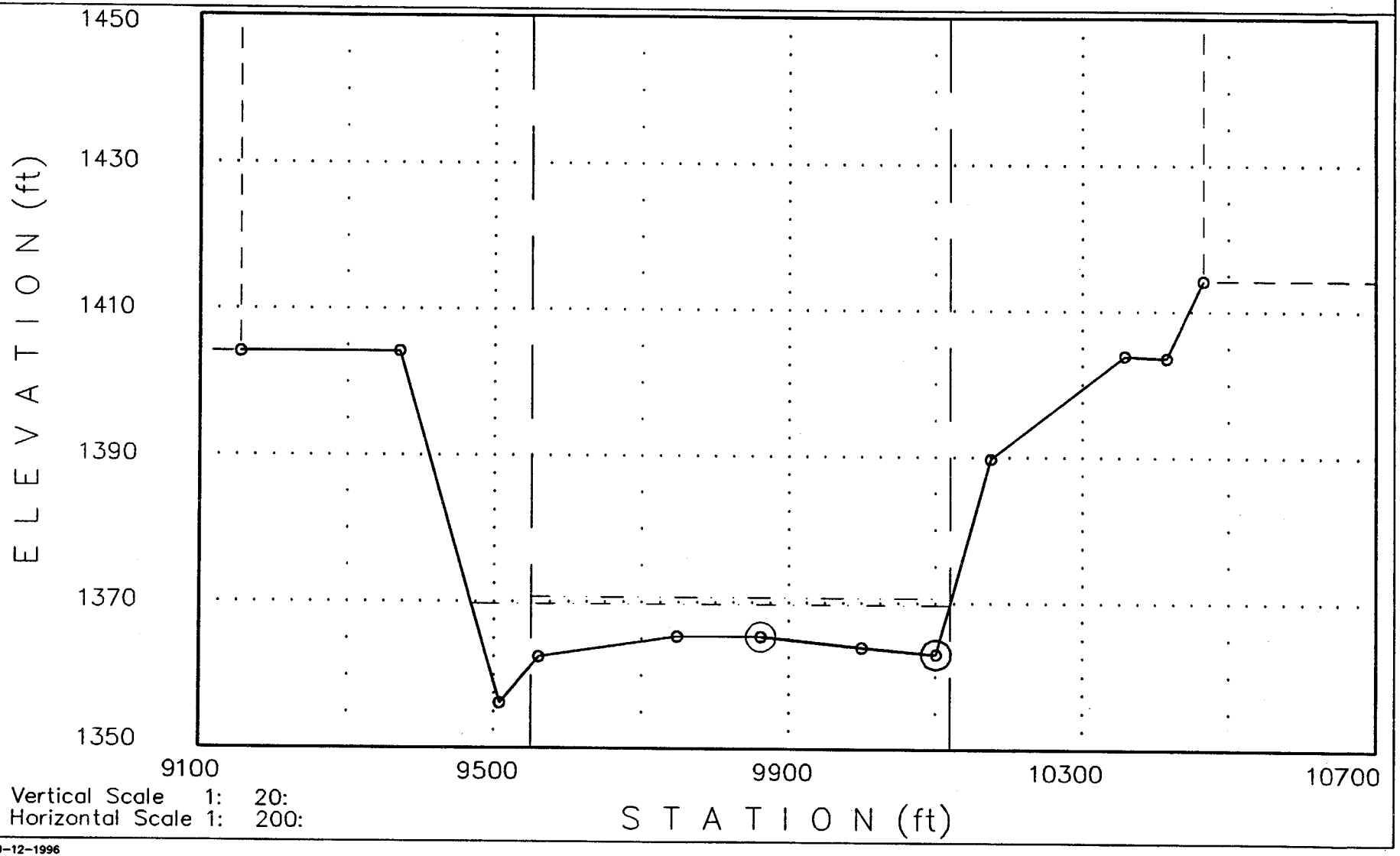
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 31.77: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1369.76
Q2= 21000cfs WS2= 1370.67

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

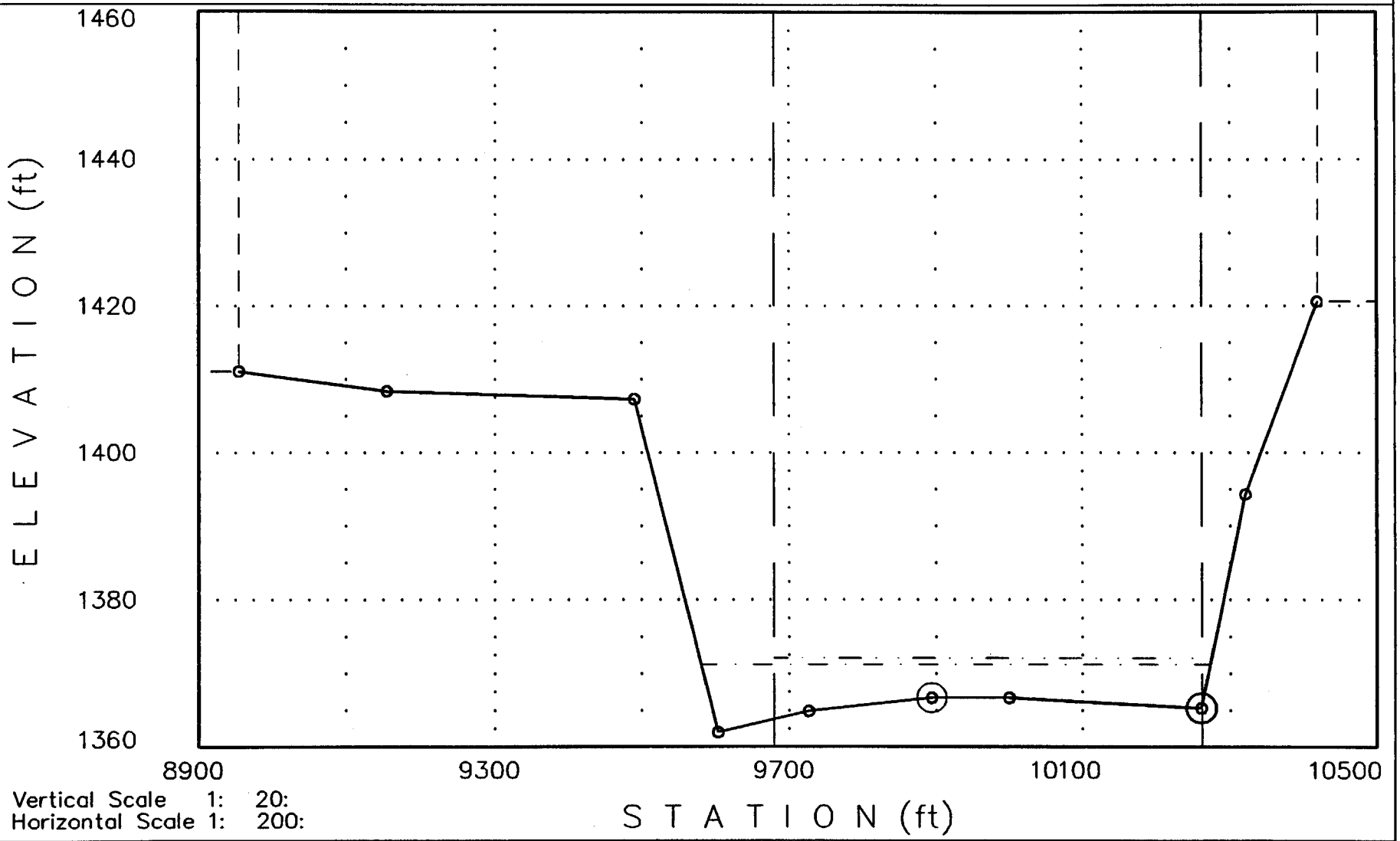
09-12-1996

<<<<<< Cross Section: 31.86: (FN = AGUAFRIA.20) >>>>>>

Q1= 21000cfs WS1= 1371.26

Q2= 21000cfs WS2= 1372.14

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

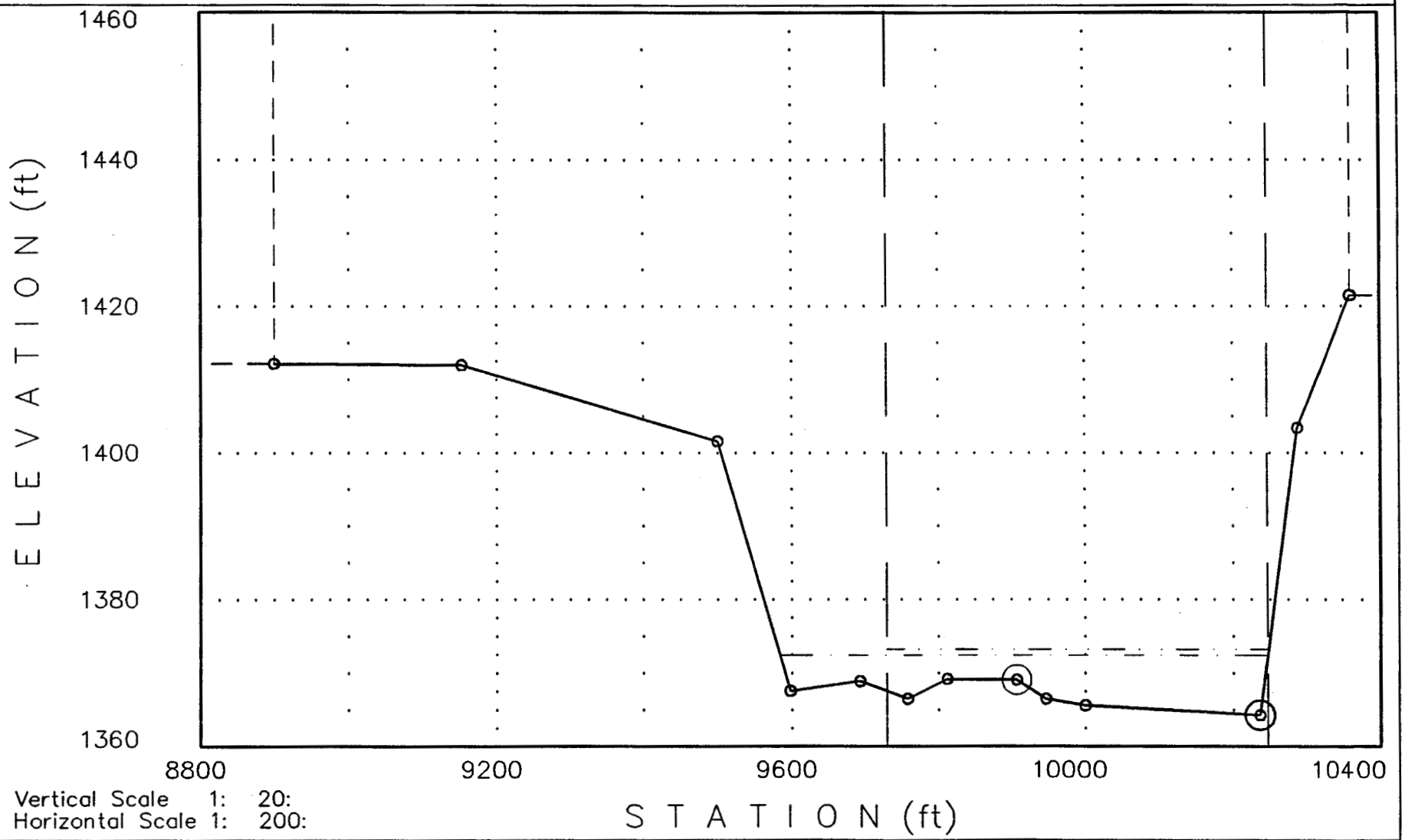
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 31.96: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1372.48
Q2= 19000cfs WS2= 1373.29

Manning-n Values: LOB: .055 CH: .04 ROB: .055



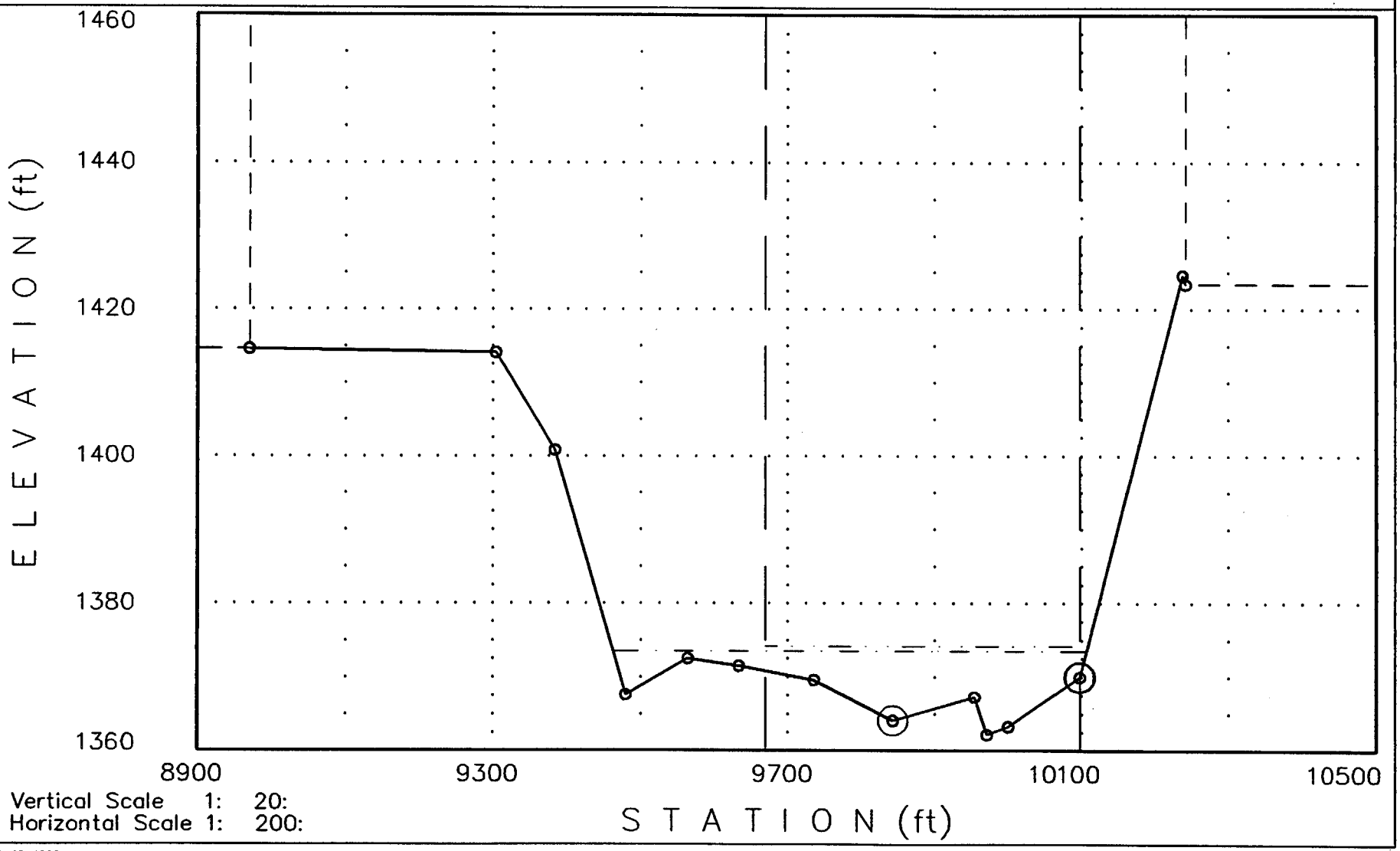
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 32.05: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1373.53
Q2= 19000cfs WS2= 1374.18

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

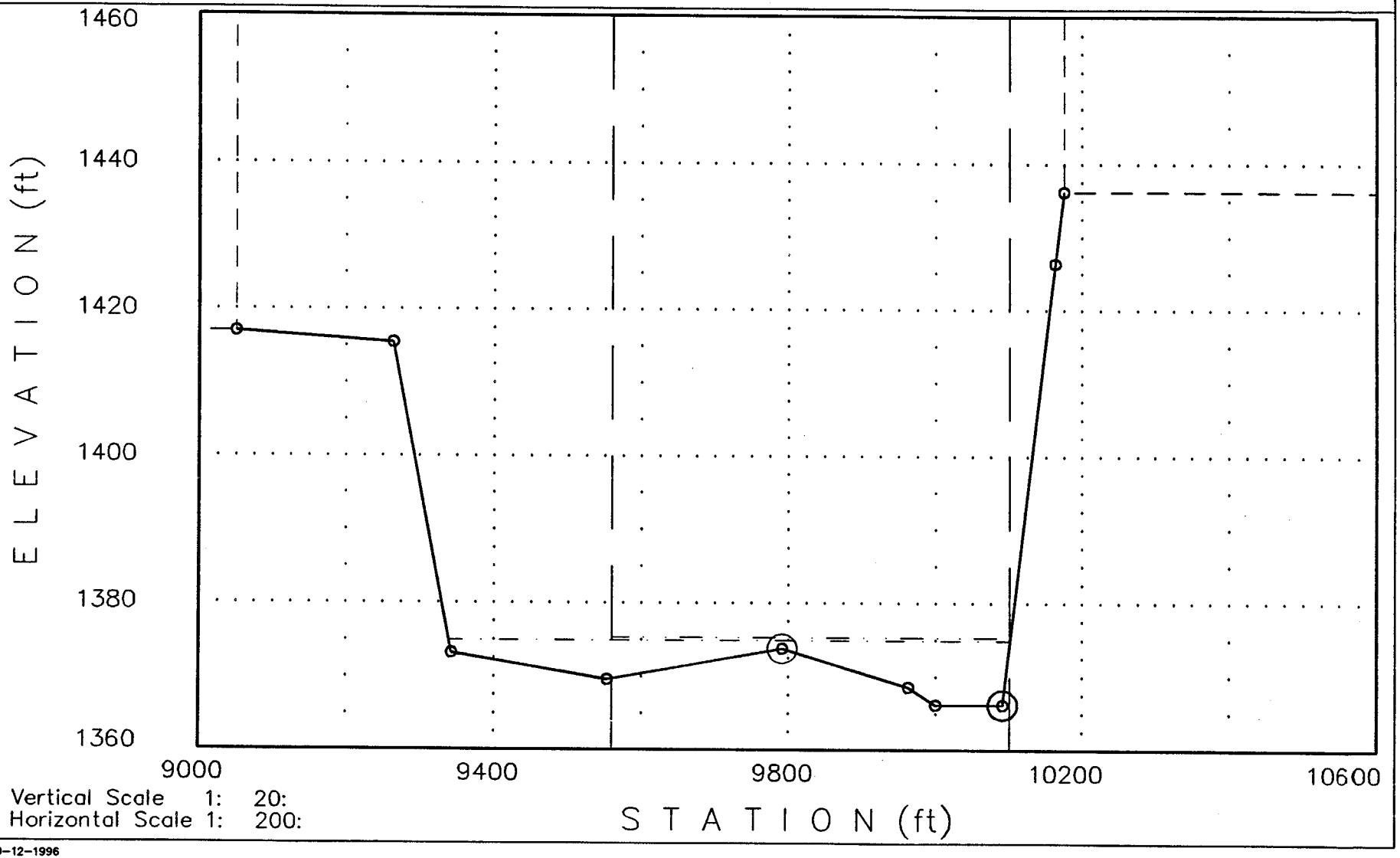
09-12-1996

<<<<<< Cross Section: 32.15: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1374.89

Q2= 19000cfs WS2= 1375.34

Manning-n Values: LOB: .055 CH: .04 ROB: .055



Vertical Scale 1: 20:

Horizontal Scale 1: 200:

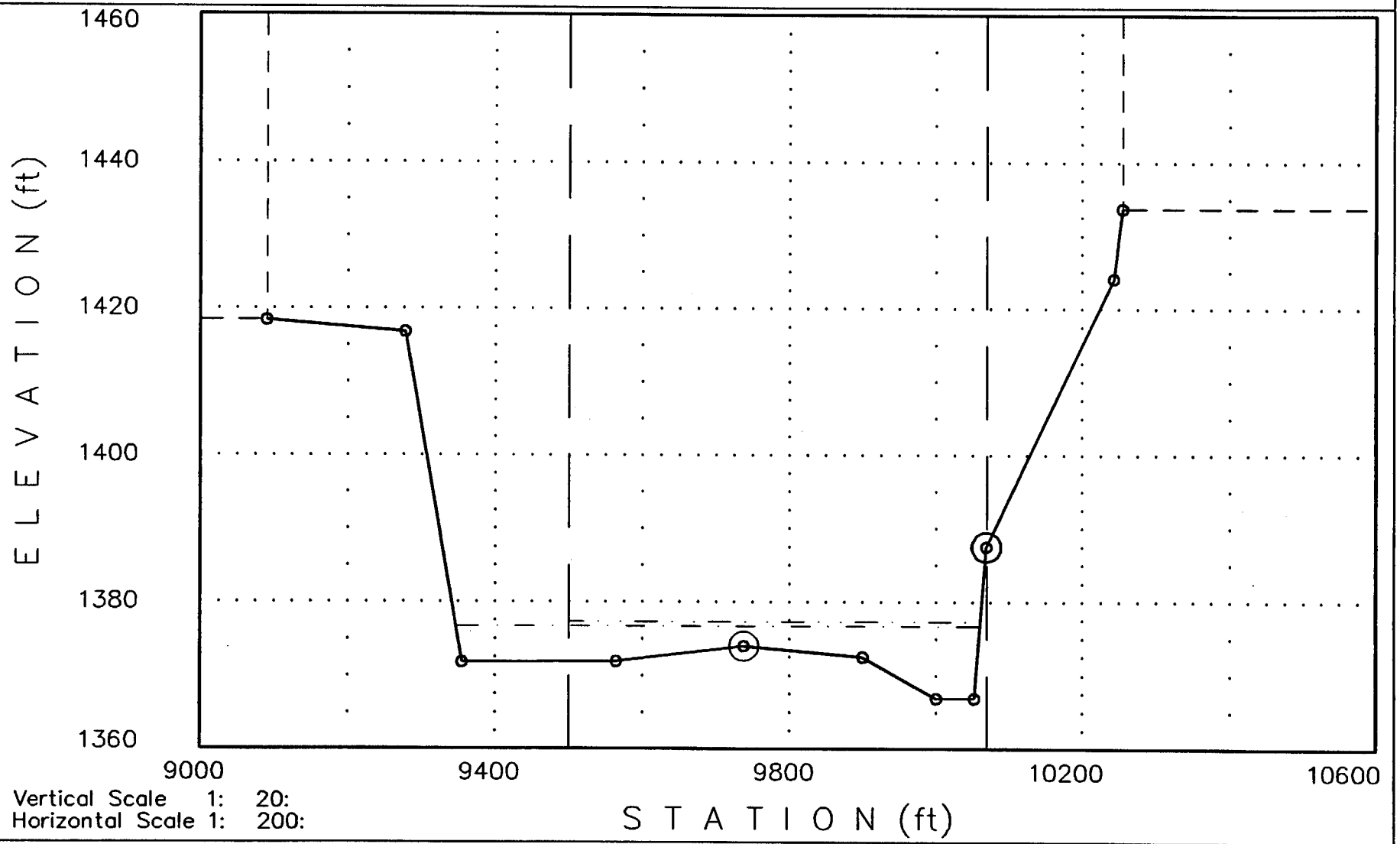
09-12-1996

<<<<<< Cross Section: 32.24: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1376.72

Q2= 19000cfs WS2= 1377.37

Manning-n Values: LOB: .055 CH: .04 ROB: 0



Vertical Scale 1: 20:

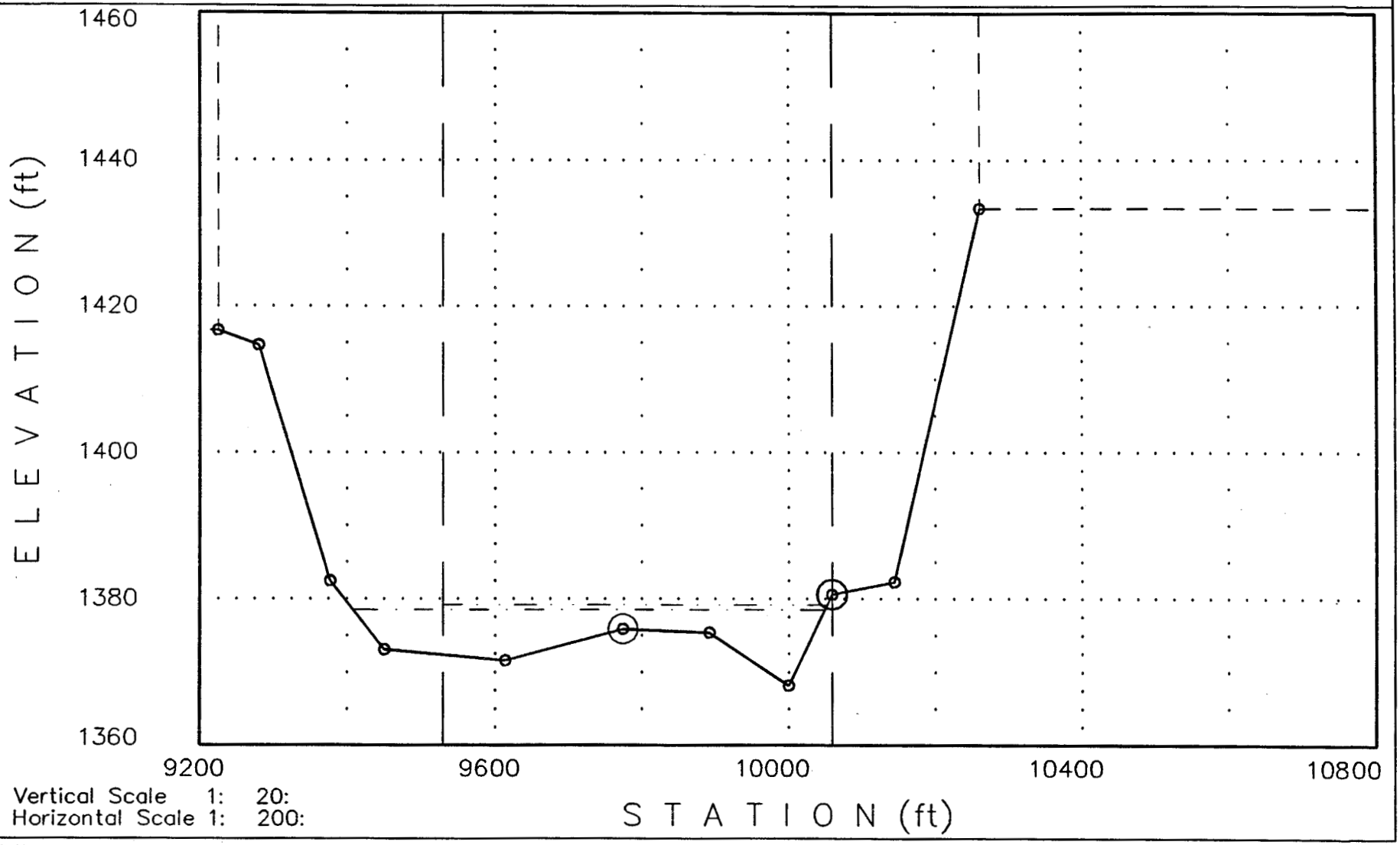
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 32.34: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1378.49
Q2= 19000cfs WS2= 1379.18

Manning-n Values: LOB: .045 CH: .045 ROB: 0



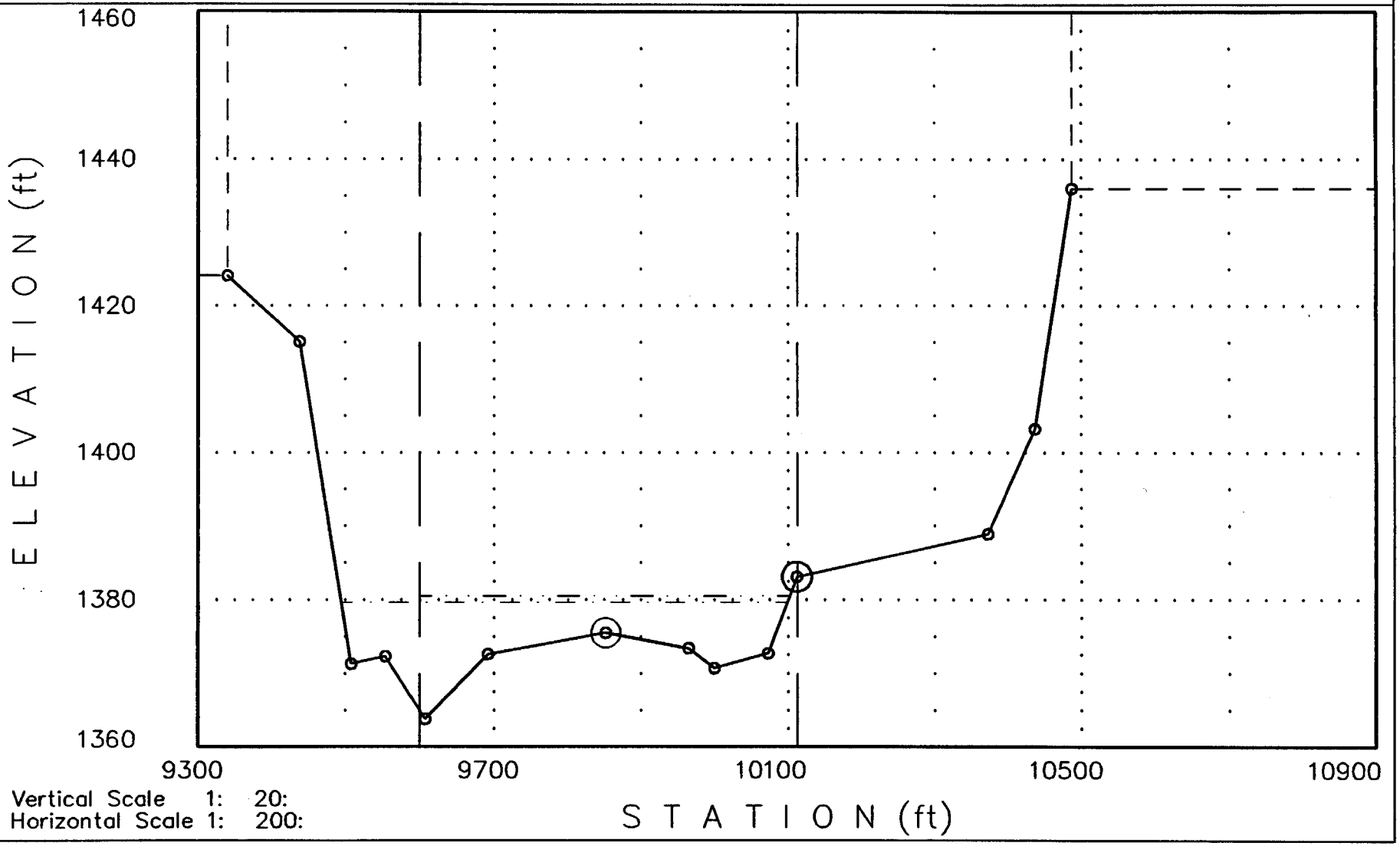
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 32.43: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1379.7
Q2= 19000cfs WS2= 1380.53

Manning-n Values: LOB: .045 CH: .045 ROB: 0



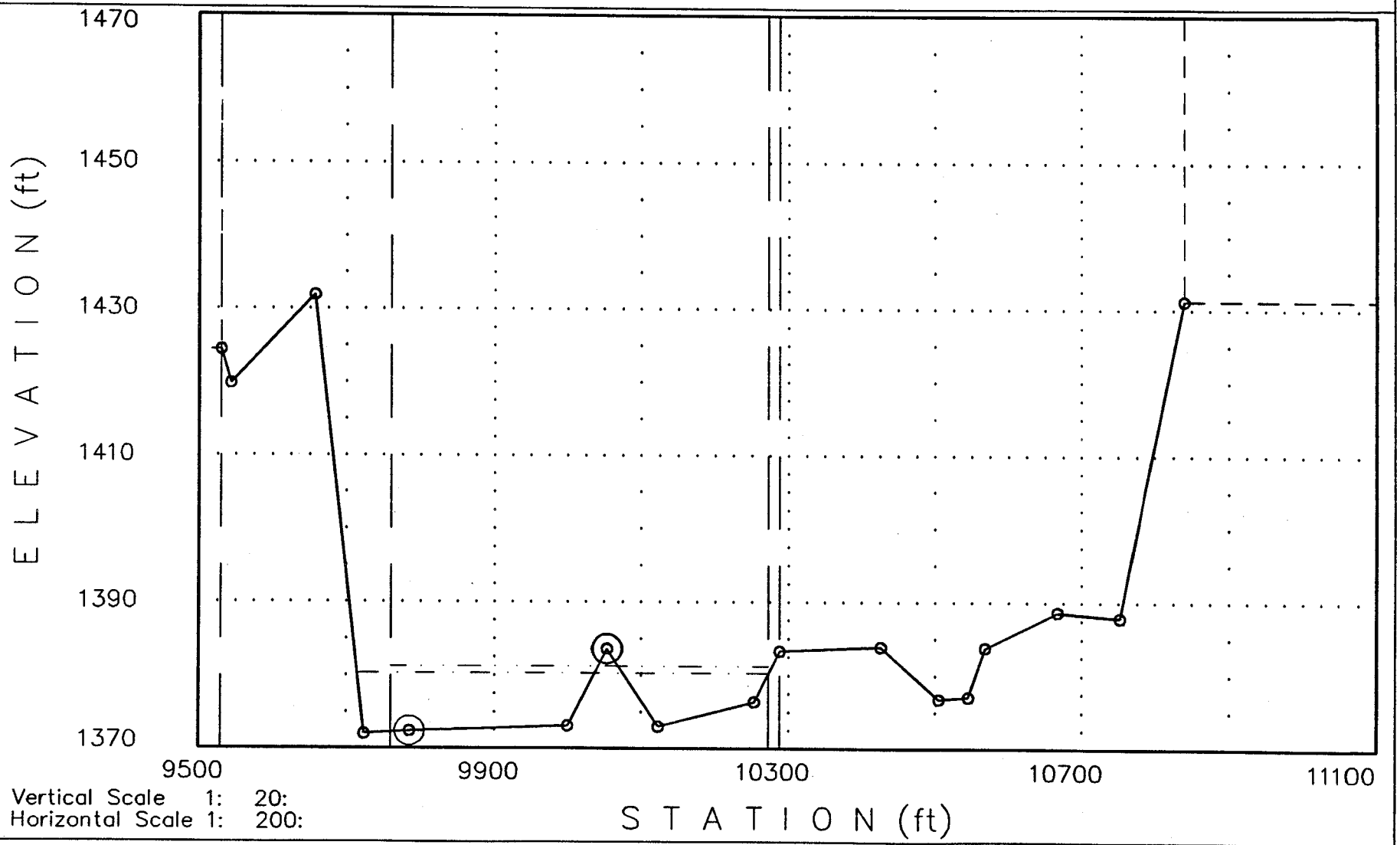
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 32.52: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1380.32
Q2= 19000cfs WS2= 1381.27

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

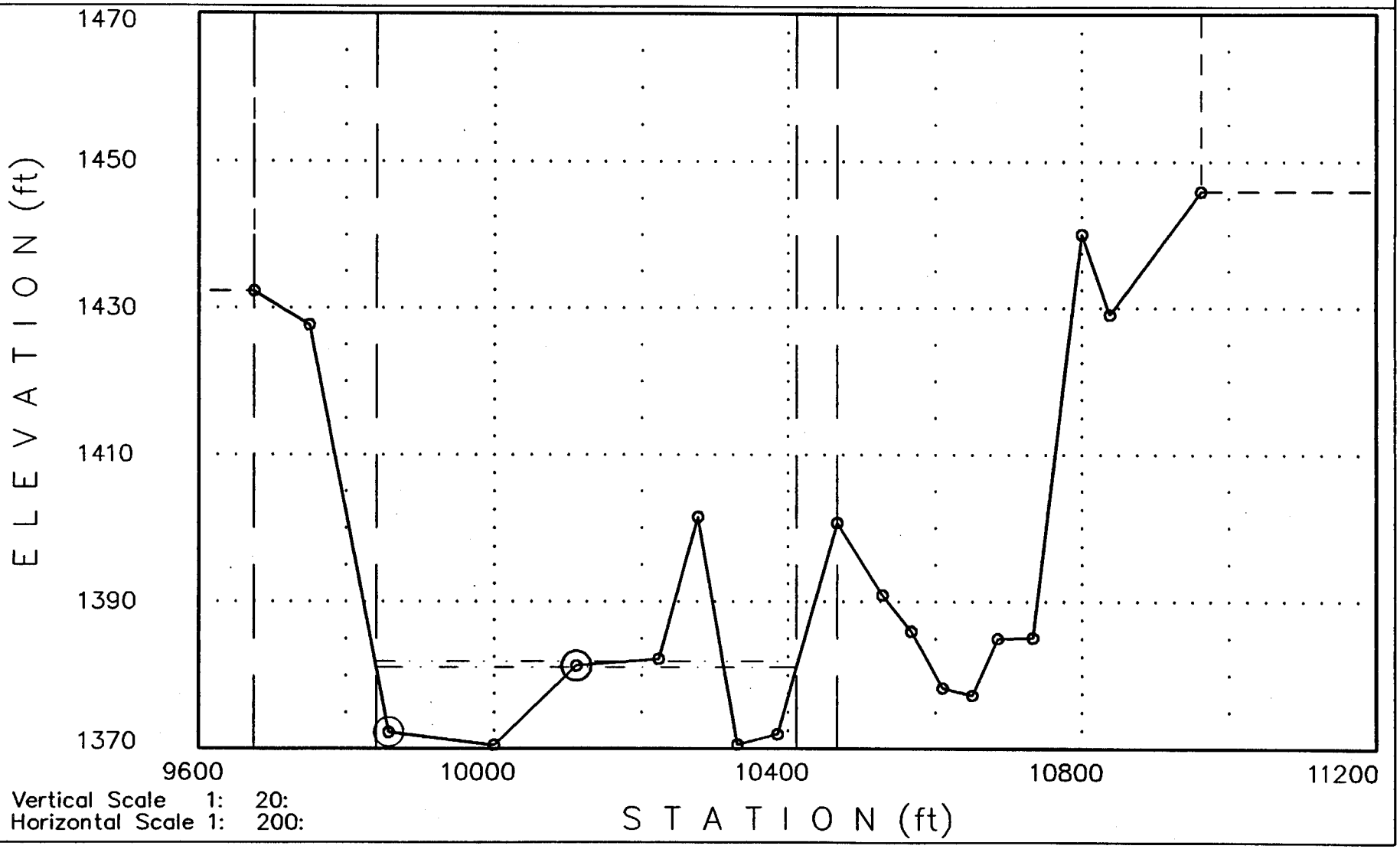
09-12-1996

<<<<<< Cross Section: 32.58: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1381.12

Q2= 19000cfs WS2= 1381.93

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:

Horizontal Scale 1: 200:

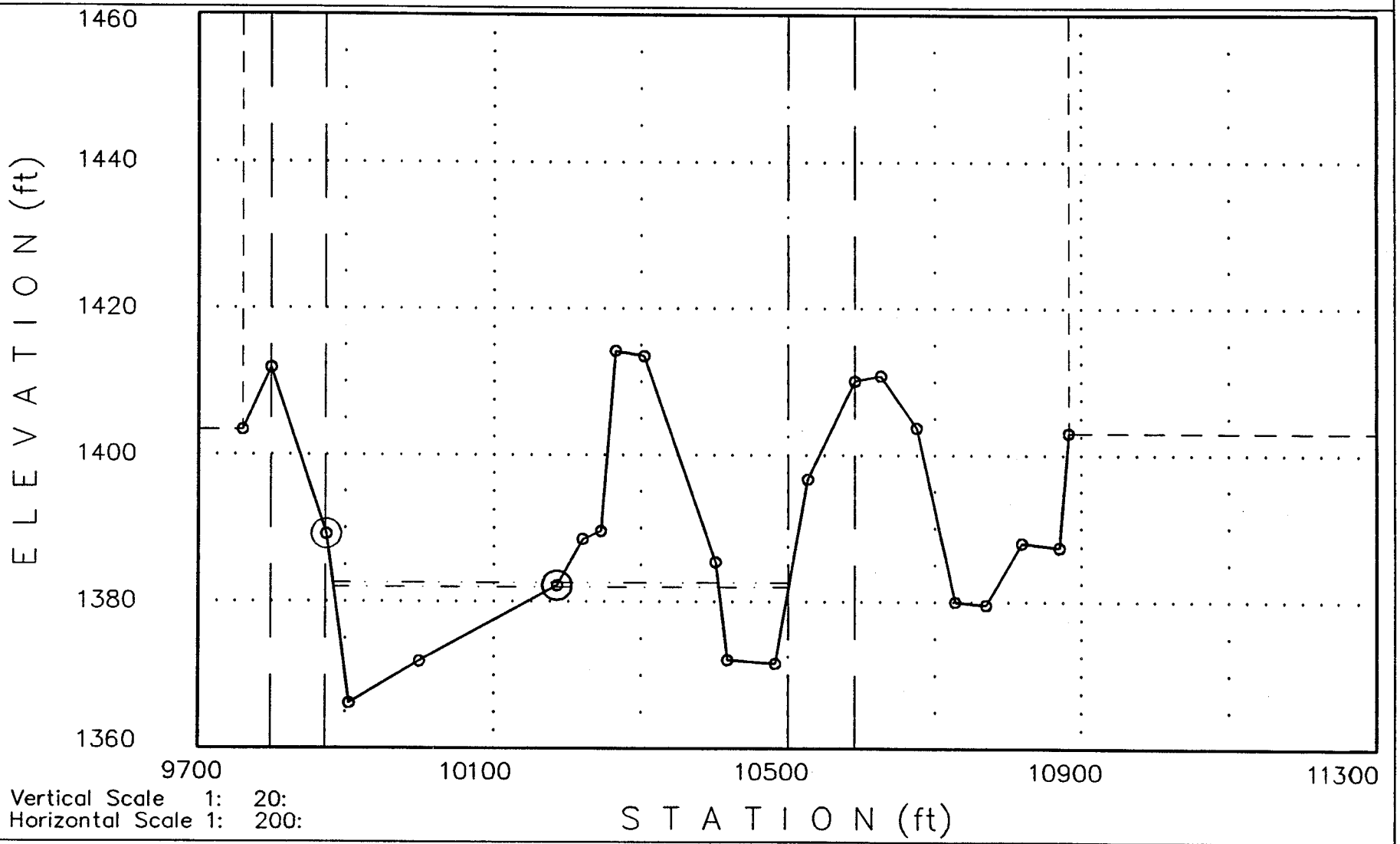
09-12-1996

<<<<<< Cross Section: 32.64: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1382.02

Q2= 19000cfs WS2= 1382.59

Manning-n Values: LOB: 0 CH: .045 ROB: .05



Vertical Scale 1: 20:

Horizontal Scale 1: 200:

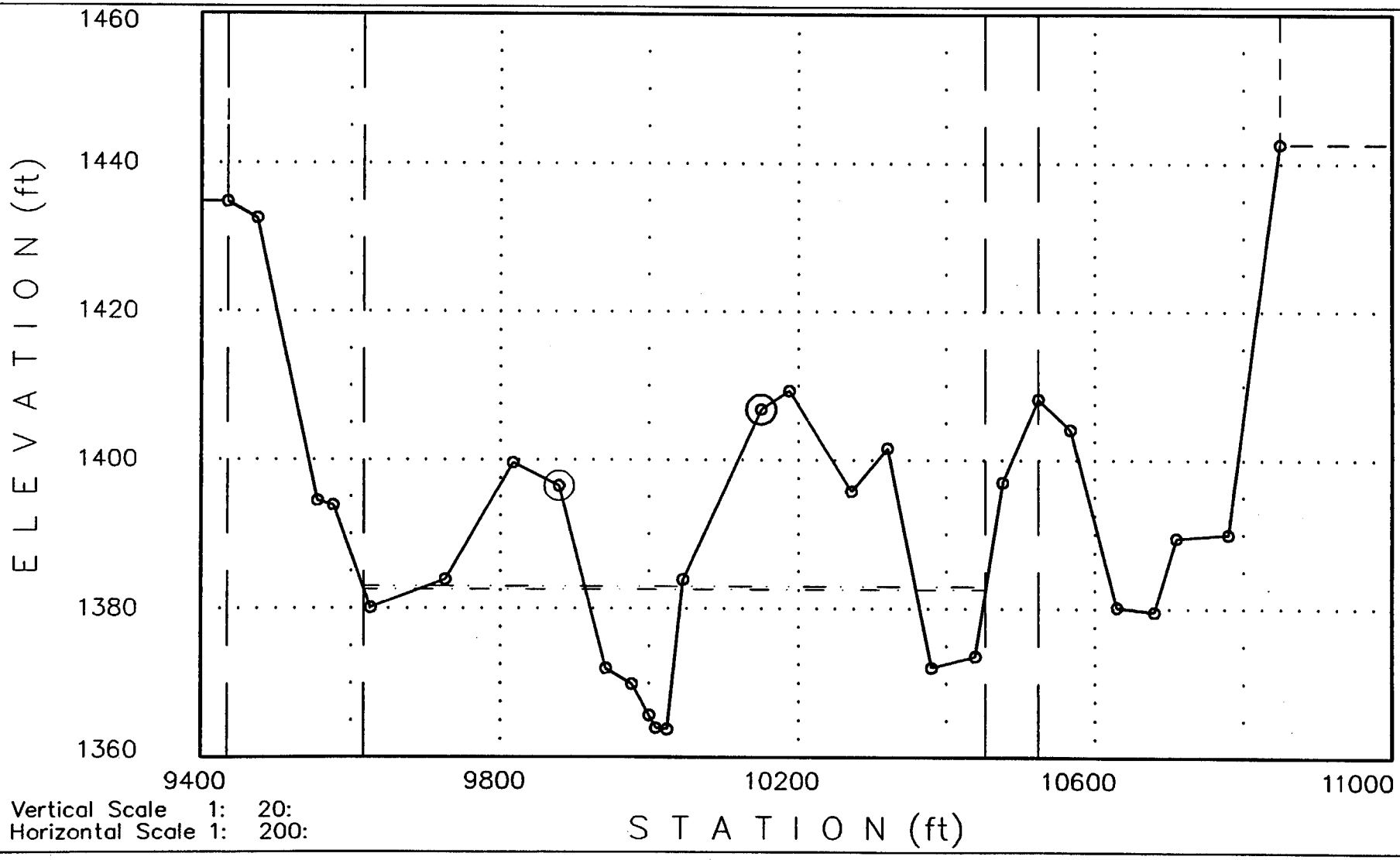
09-12-1996

<<<<<< Cross Section: 32.72: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1382.59

Q2= 19000cfs WS2= 1383.03

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:

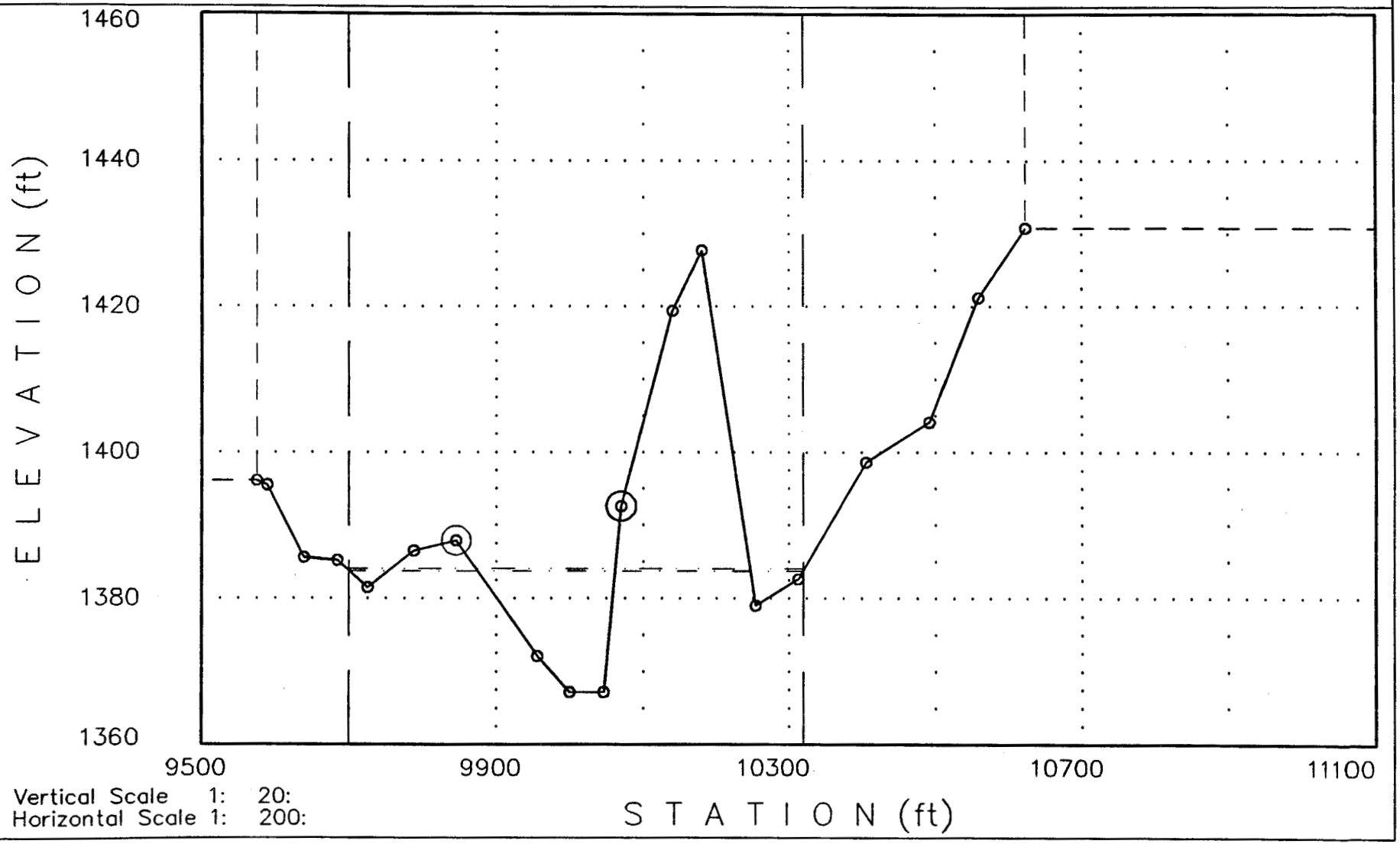
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 32.79: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1383.75
Q2= 19000cfs WS2= 1384.05

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:
Horizontal Scale 1: 200:

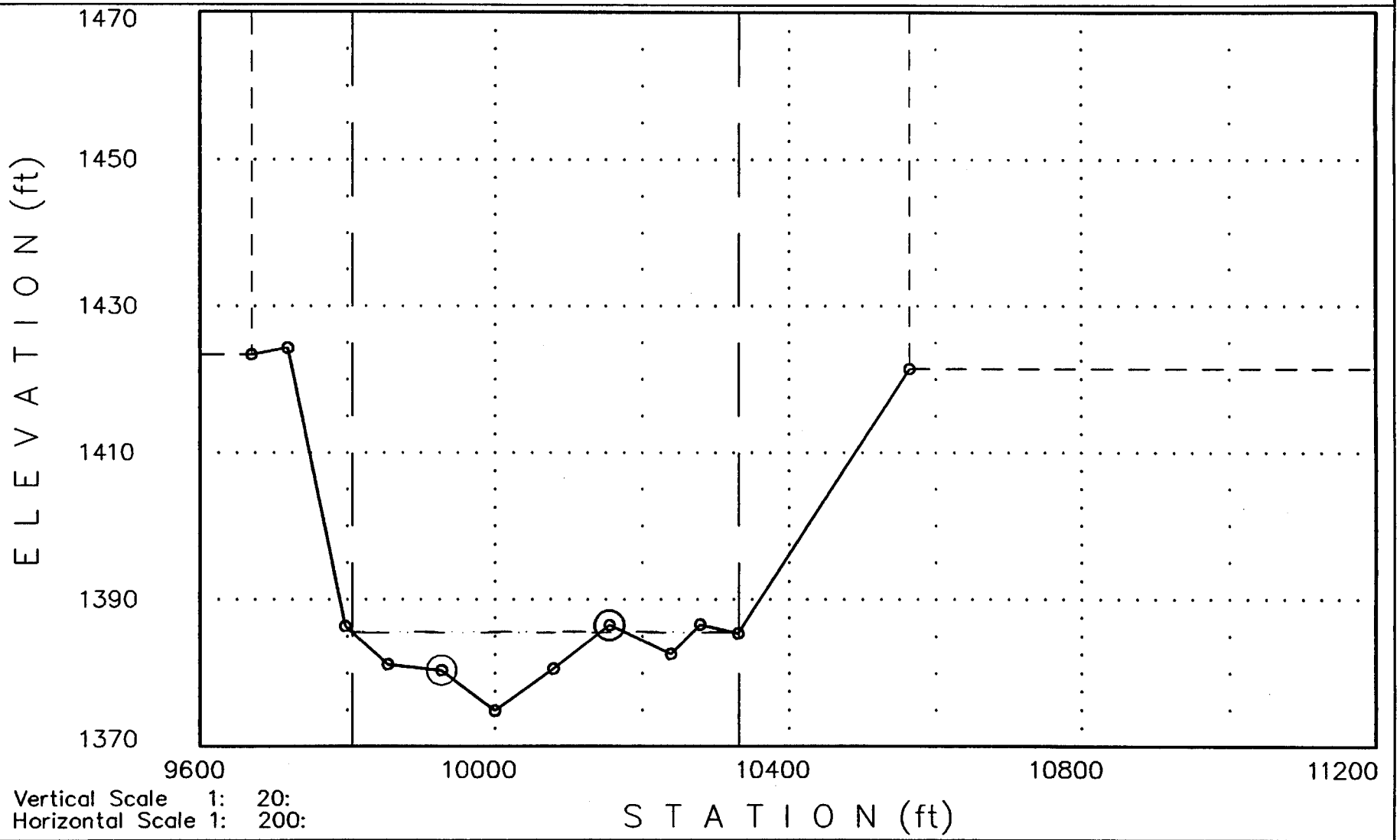
09-12-1996

<<<<<< Cross Section: 32.86: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1385.51

Q2= 19000cfs WS2= 1385.64

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:

Horizontal Scale 1: 200:

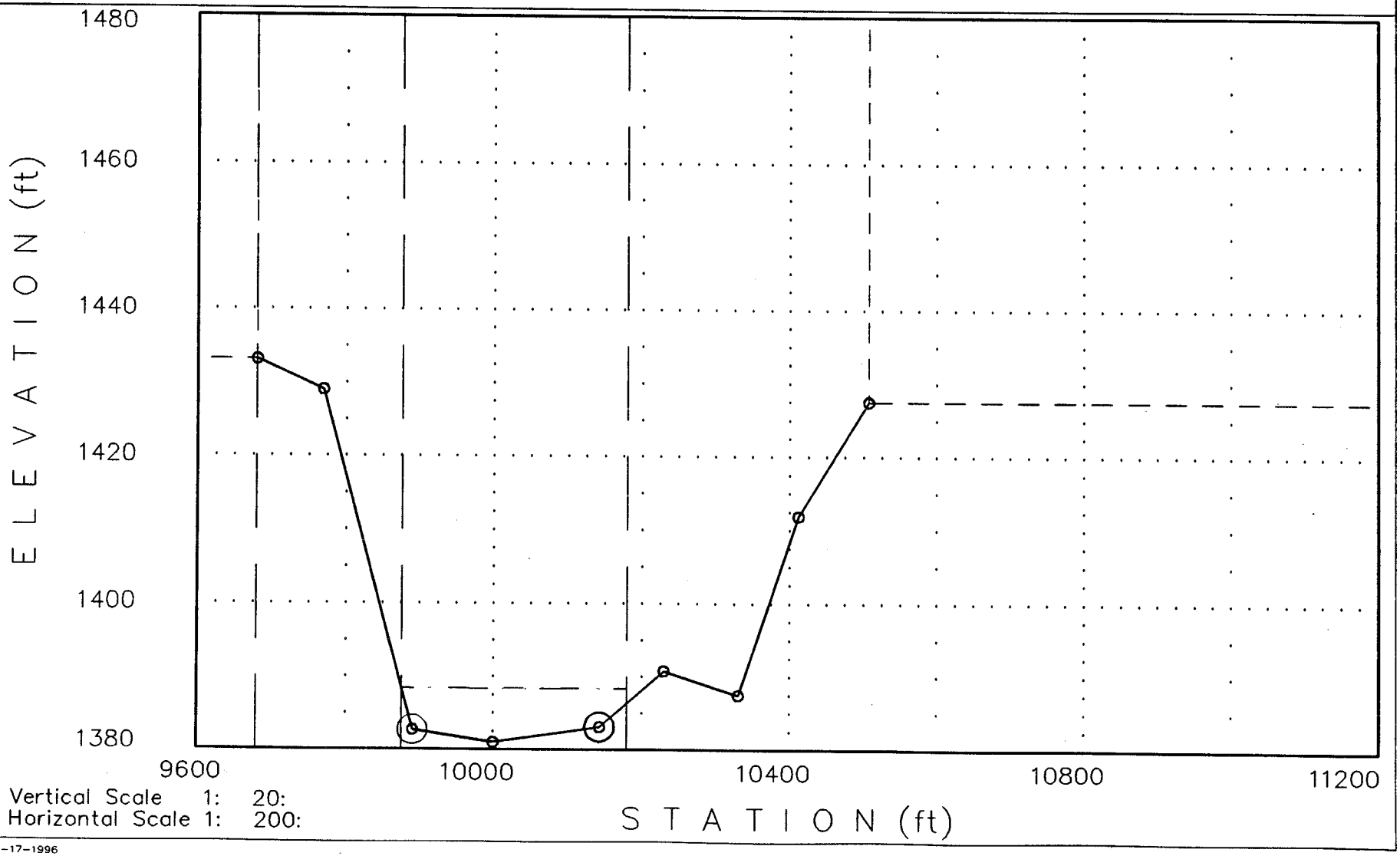
09-12-1996

<<<<<< Cross Section: 32.92: (FN = AGUAFRIA.0) >>>>>>

Q1= 19000cfs WS1= 1388.4

Q2= 19000cfs WS2= 1388.36

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:

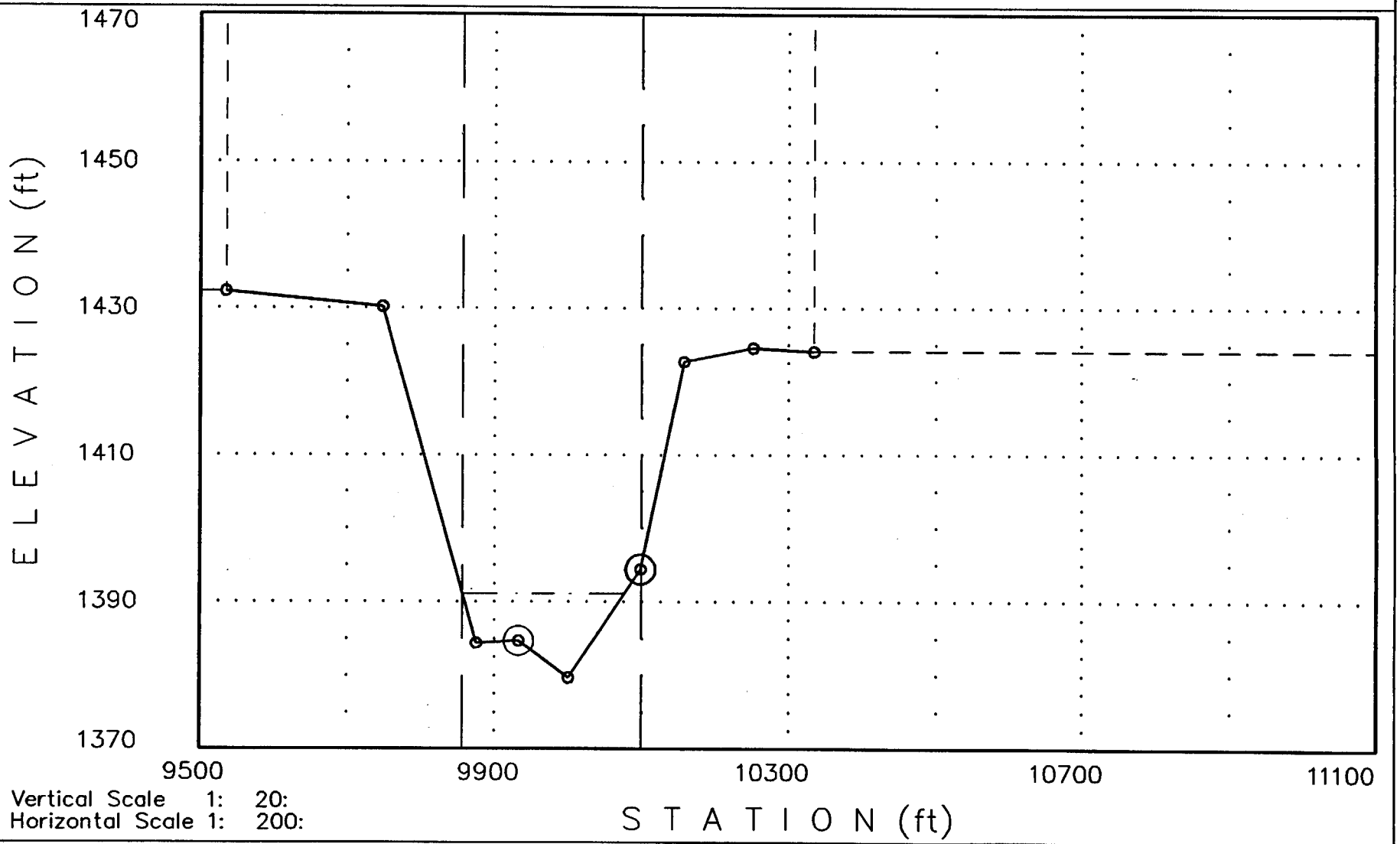
Horizontal Scale 1: 200:

09-17-1996

<<<<<< Cross Section: 32.979: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1391.12
Q2= 19000cfs WS2= 1391.13

Manning-n Values: LOB: .045 CH: .045 ROB: 0



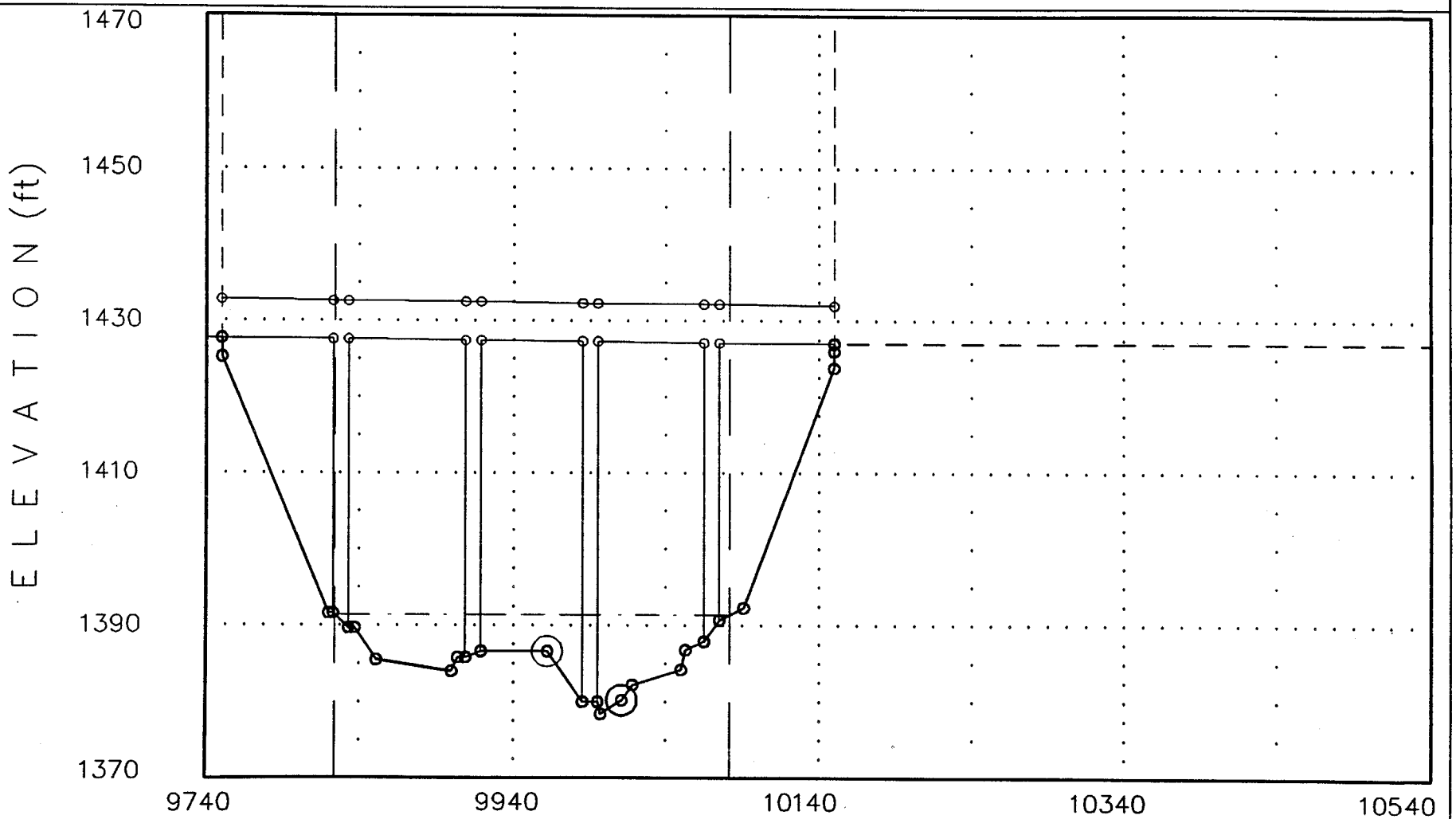
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 32.984: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1391.39
Q2= 19000cfs WS2= 1391.44

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:
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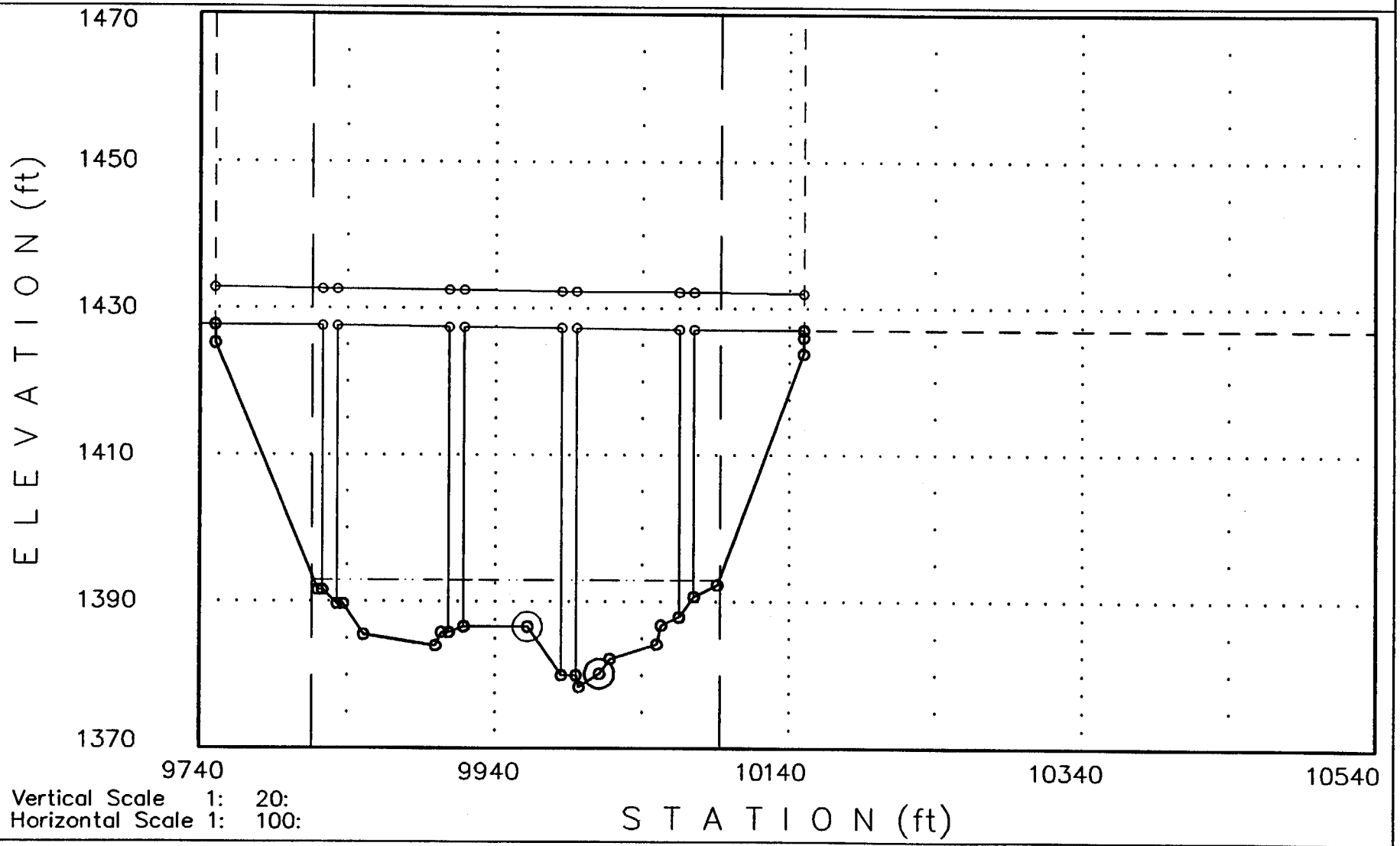
09-12-1996

<<<<<< Cross Section: 32.993: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1392.97
Q2= 19000cfs WS2= 1392.97

Manning-n Values: LOB: .045 CH: .045 ROB: .05



Vertical Scale 1: 20:
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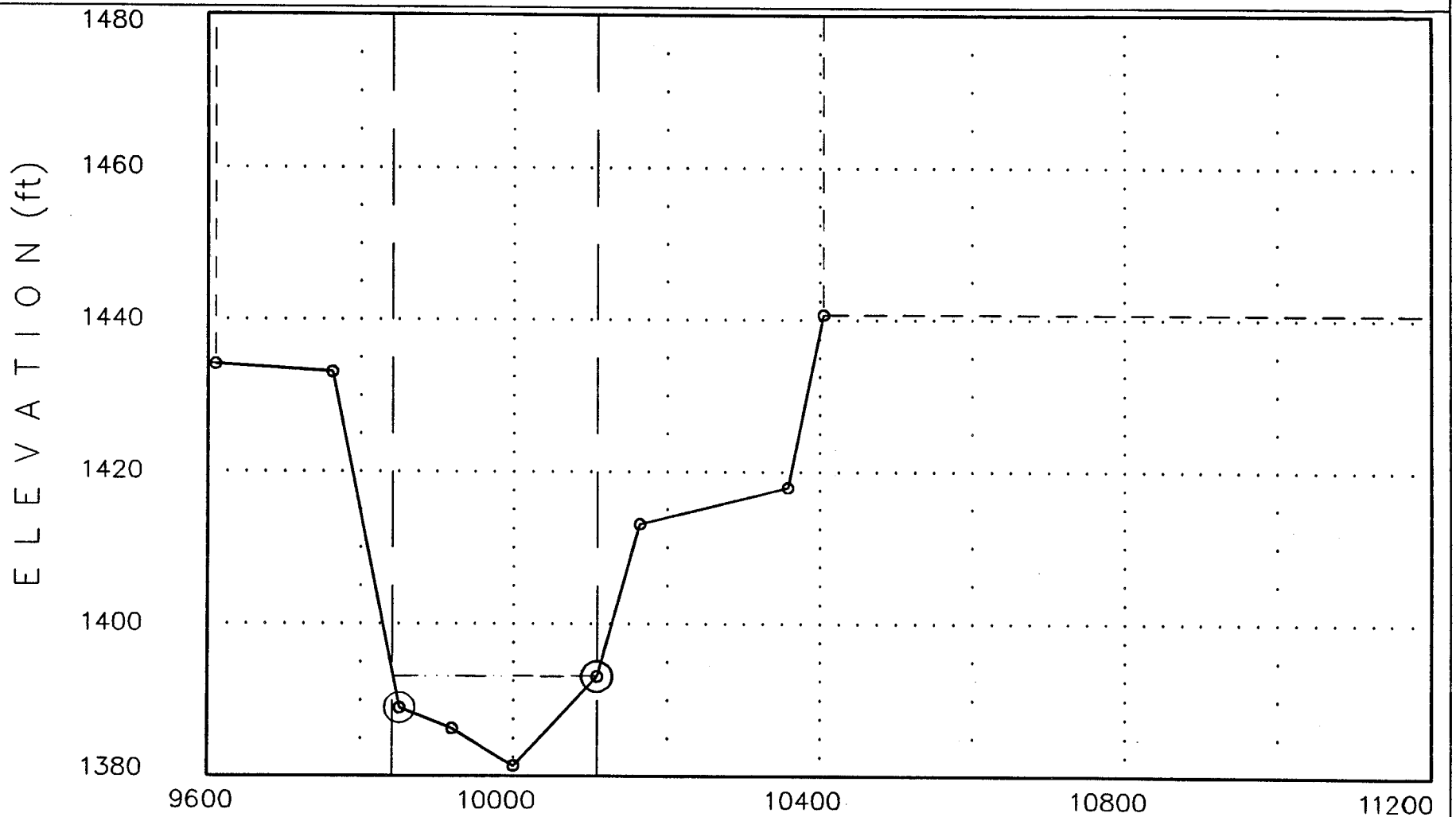
09-12-1996

<<<<<< Cross Section: 32.998: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1393.16
Q2= 19000cfs WS2= 1393.12

Manning-n Values: LOB: .045 CH: .045 ROB: 0 - .05



Vertical Scale 1: 20:
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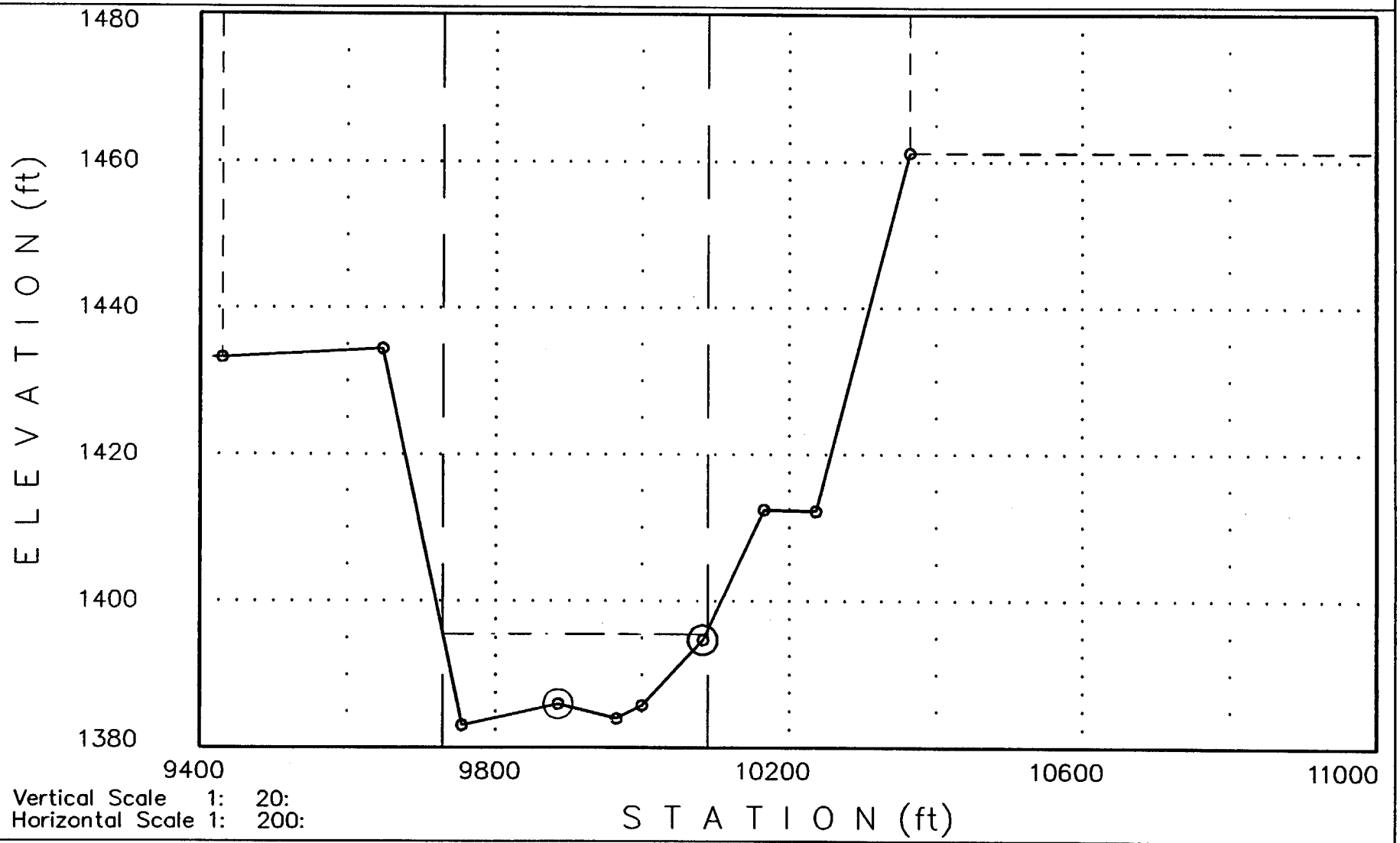
09-12-1996

<<<<<< Cross Section: 33.06: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1395.52

Q2= 19000cfs WS2= 1395.51

Manning-n Values: LOB: .045 CH: .05 ROB: .045



Vertical Scale 1: 20:

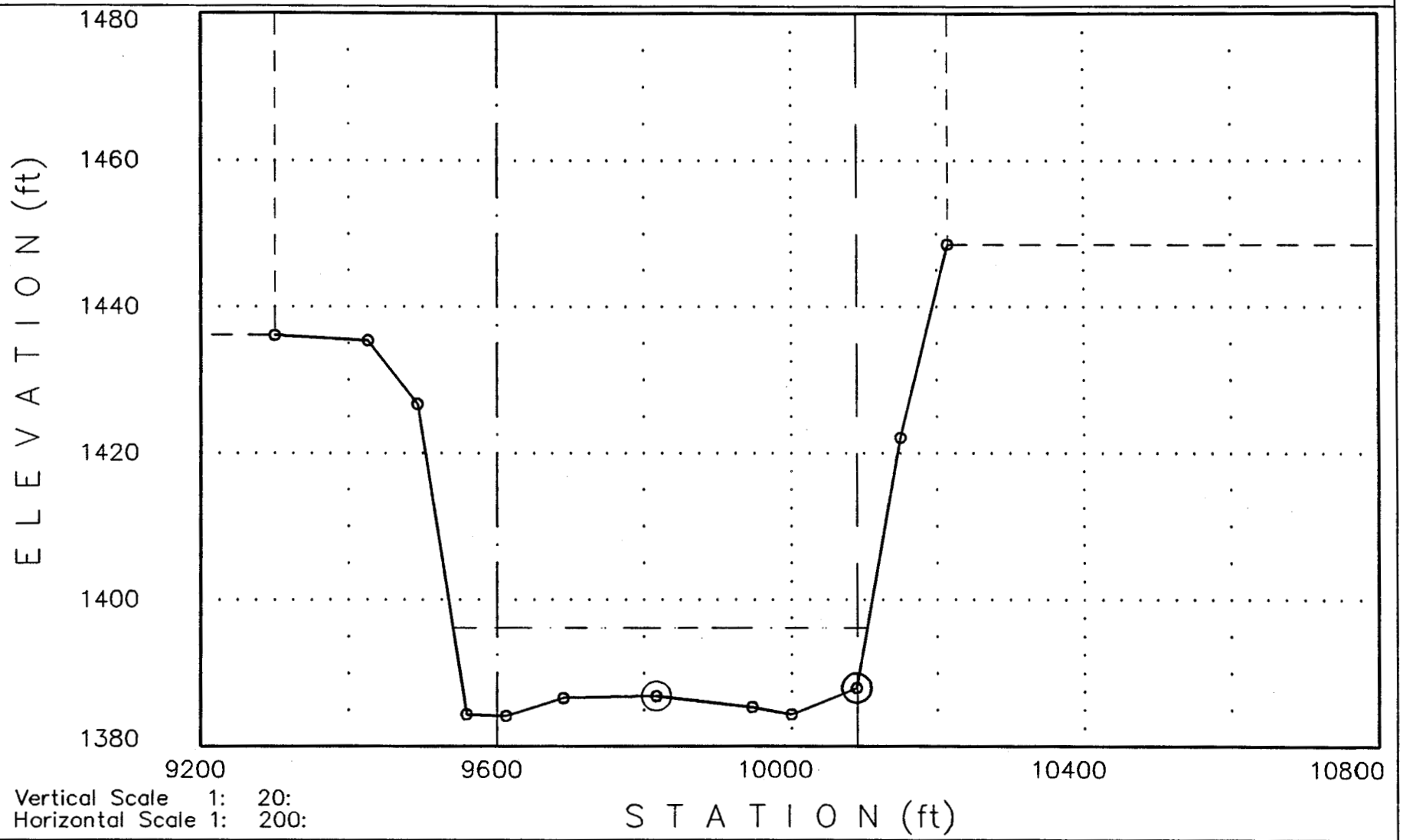
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 33.12: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1396.19
Q2= 19000cfs WS2= 1396.18

Manning-n Values: LOB: .045 CH: .05 ROB: .045



Vertical Scale 1: 20:
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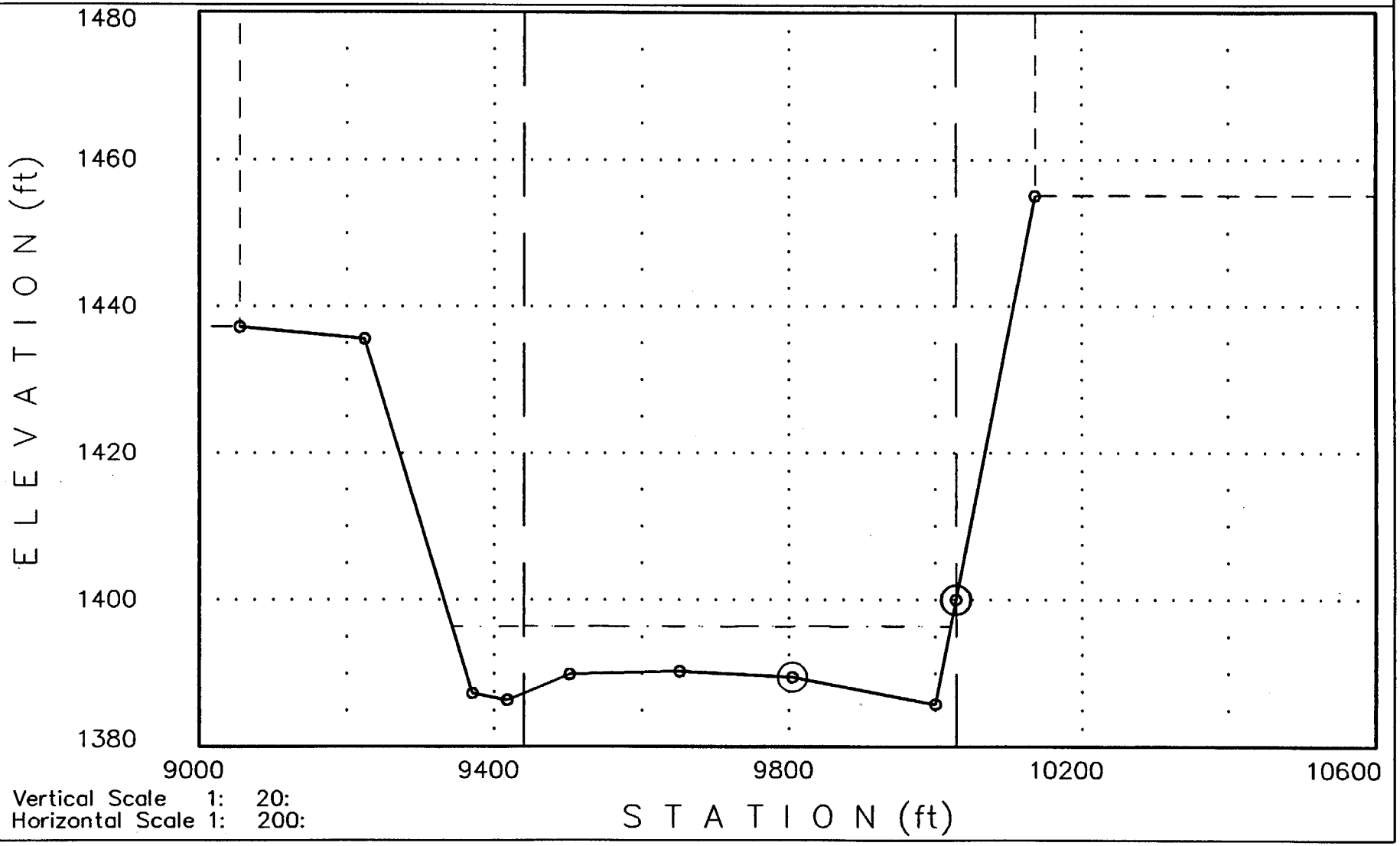
09-12-1996

<<<<<< Cross Section: 33.19: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1396.38
Q2= 19000cfs WS2= 1396.43

Manning-n Values: LOB: .045 CH: .05 ROB: 0



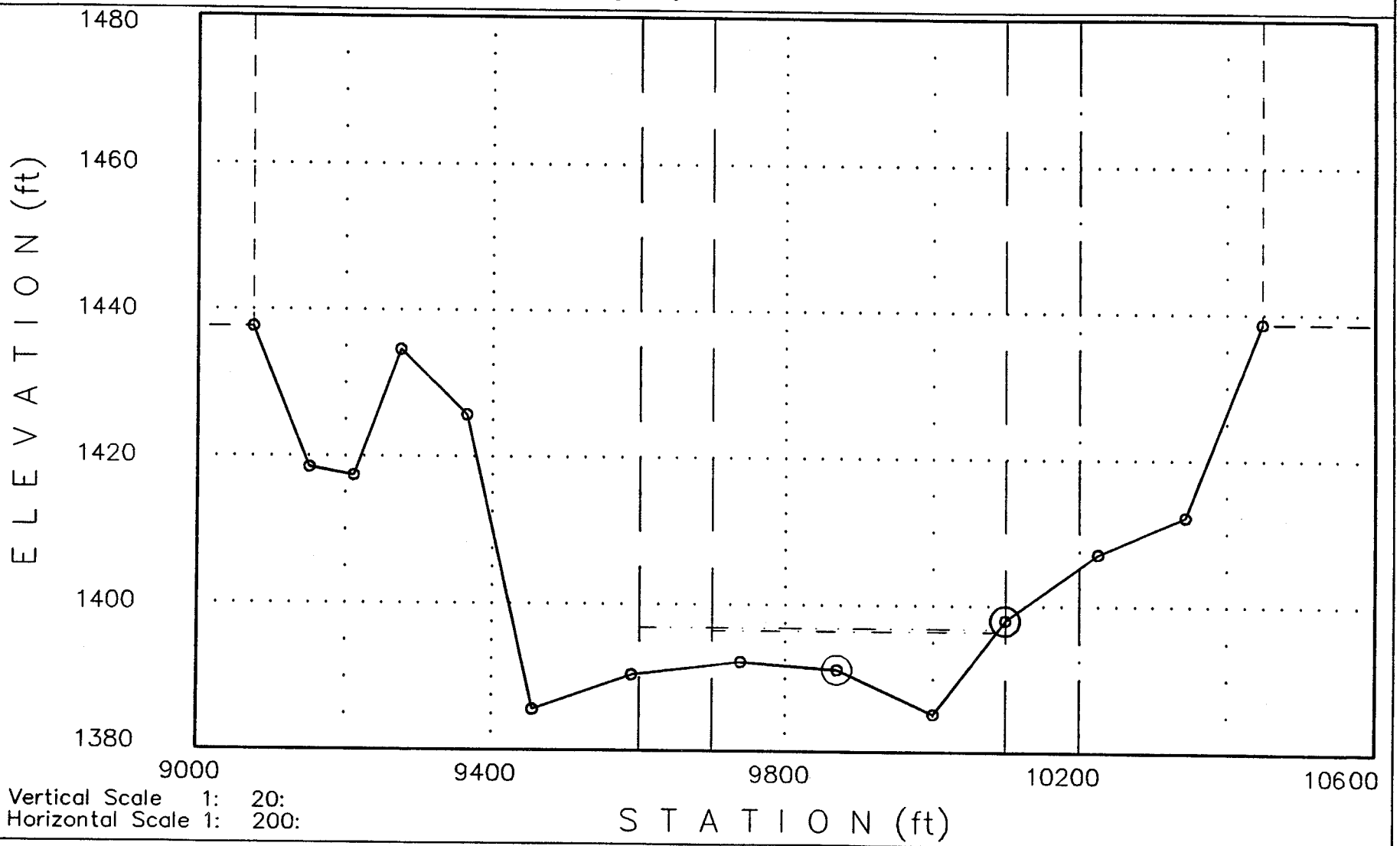
Vertical Scale 1: 20:
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 33.25: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1396.43
Q2= 19000cfs WS2= 1396.88

Manning-n Values: LOB: .045 CH: .05 ROB: 0



Vertical Scale 1: 20:
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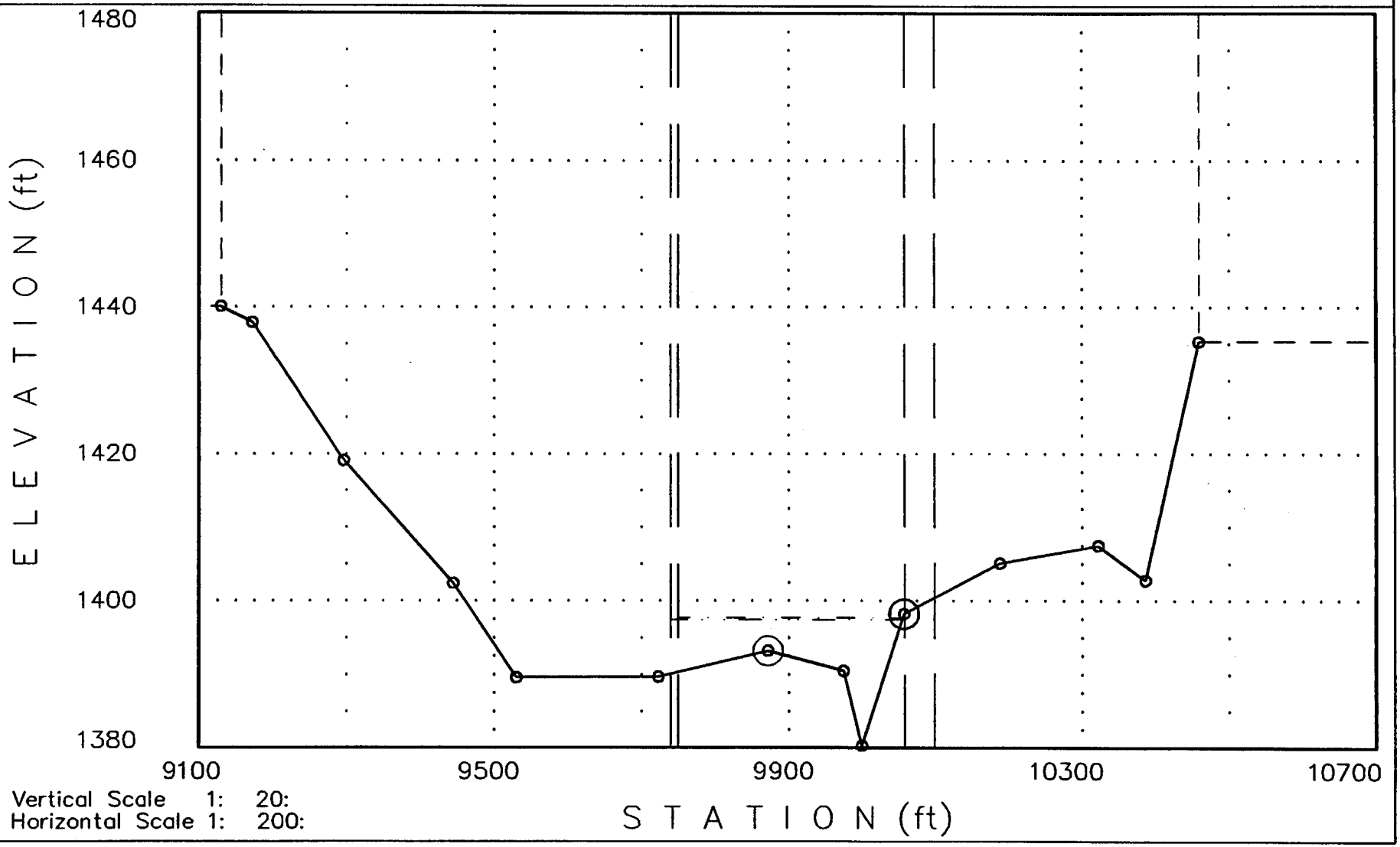
09-12-1996

<<<<<< Cross Section: 33.29: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1397.73

Q2= 19000cfs WS2= 1397.47

Manning-n Values: LOB: .045 CH: .05 ROB: 0



Vertical Scale 1: 20:

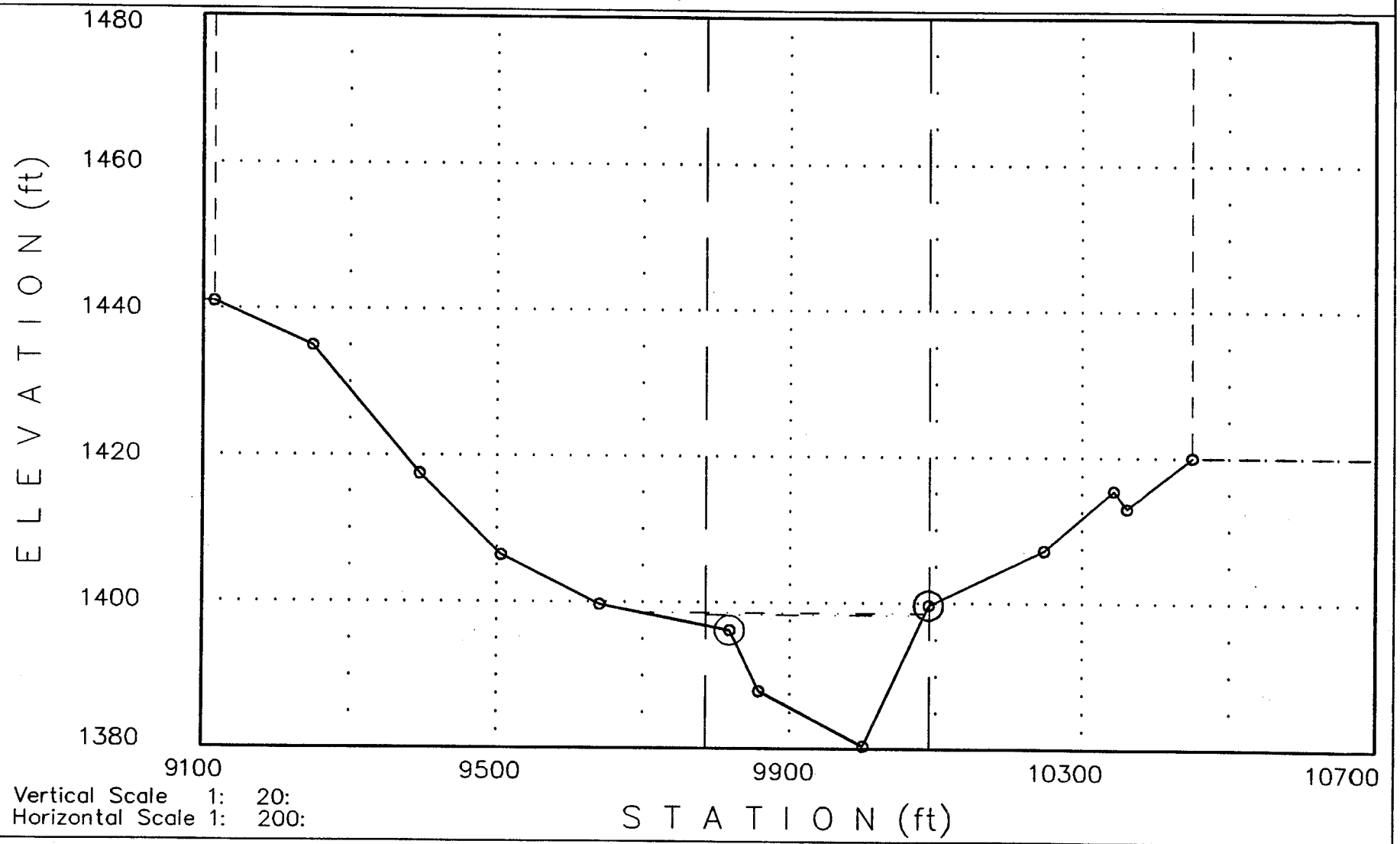
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 33.3: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1398.61
Q2= 19000cfs WS2= 1398.32

Manning-n Values: LOB: .045 CH: .05 ROB: 0



Vertical Scale 1: 20:
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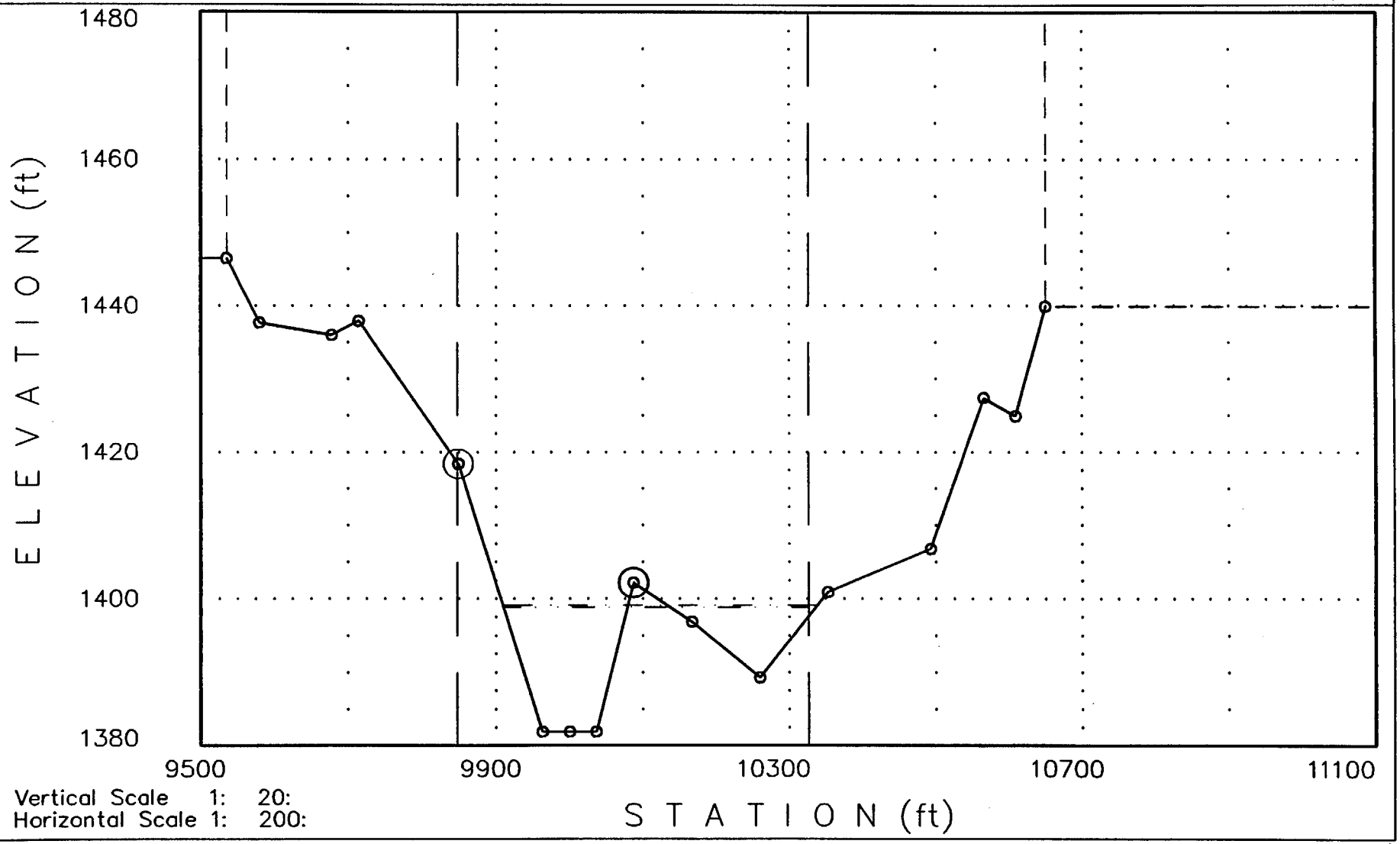
09-12-1996

<<<<<< Cross Section: 33.36: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1399.1

Q2= 19000cfs WS2= 1398.86

Manning-n Values: LOB: 0 CH: .05 ROB: .045



Vertical Scale 1: 20:

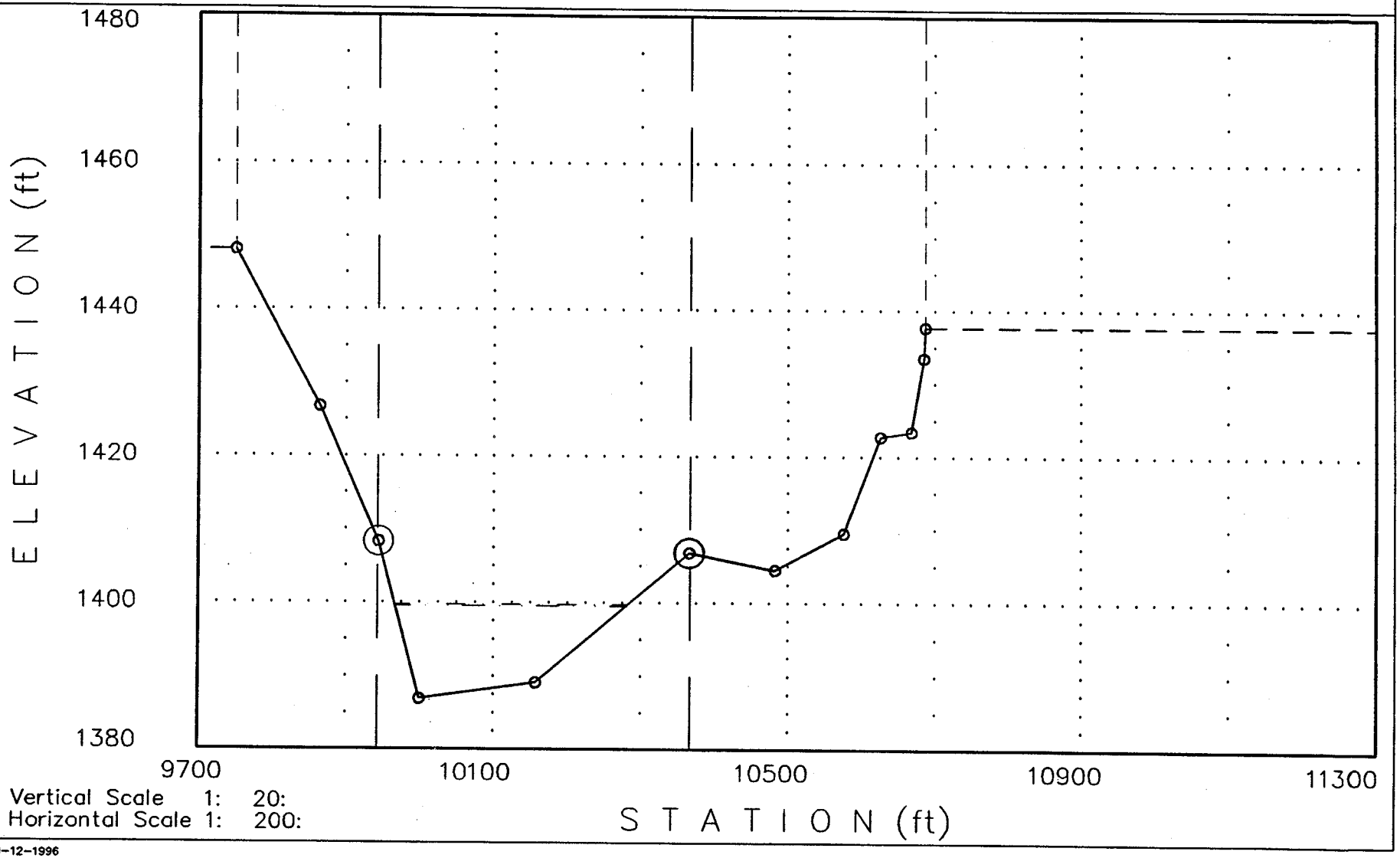
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 33.41: (FN = AGUAFRIA.20) >>>>>>

Q1= 19000cfs WS1= 1399.74
Q2= 19000cfs WS2= 1399.54

Manning-n Values: LOB: 0 CH: .05 ROB: 0



Vertical Scale 1: 20:
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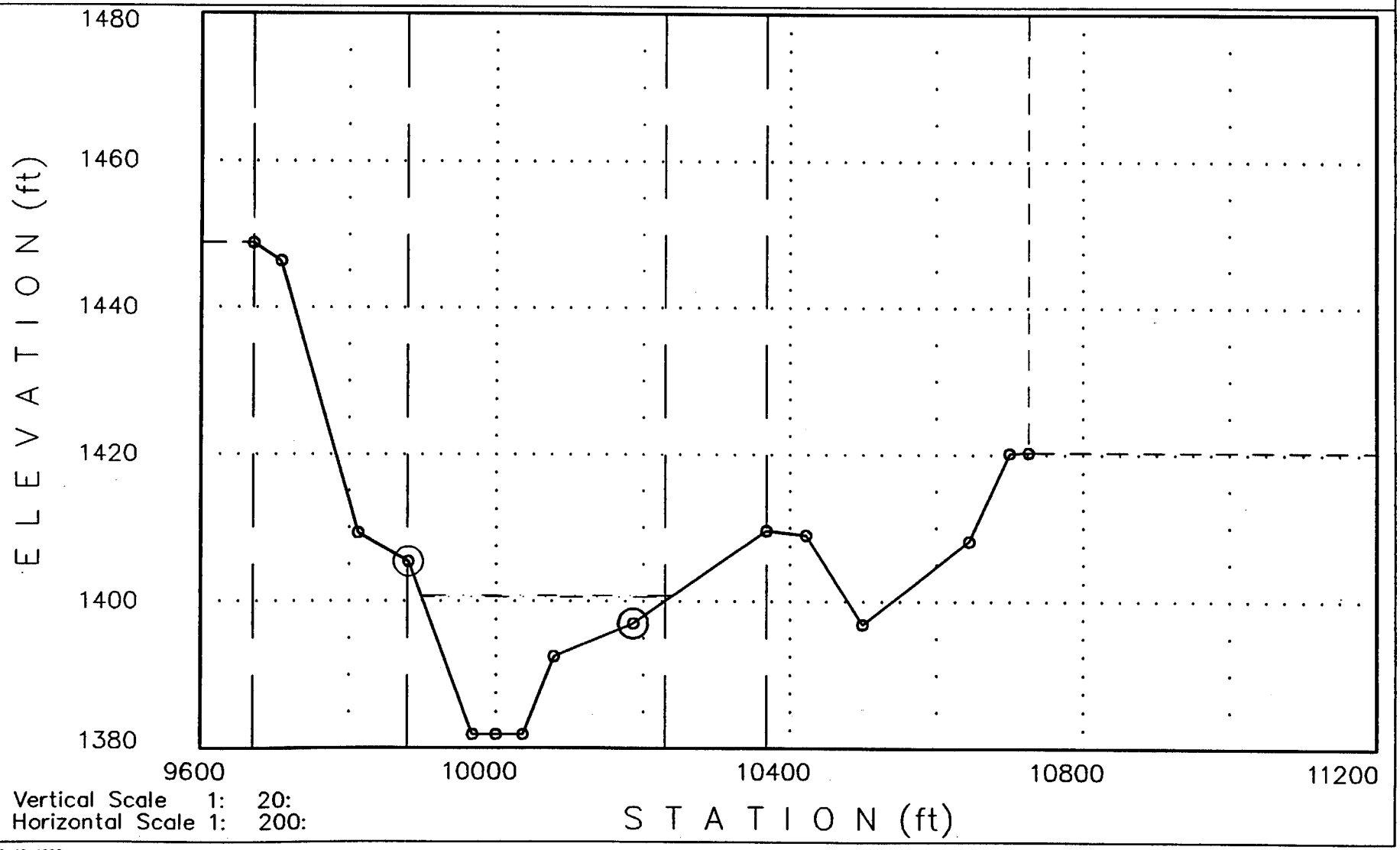
09-12-1996

<<<<<< Cross Section: 33.46: (FN = AGUAFRIA.20) >>>>>>

Q1= 9000cfs WS1= 1400.77
Q2= 9000cfs WS2= 1400.63

Manning-n Values: LOB: 0 CH: .05 ROB: .045



Vertical Scale 1: 20:
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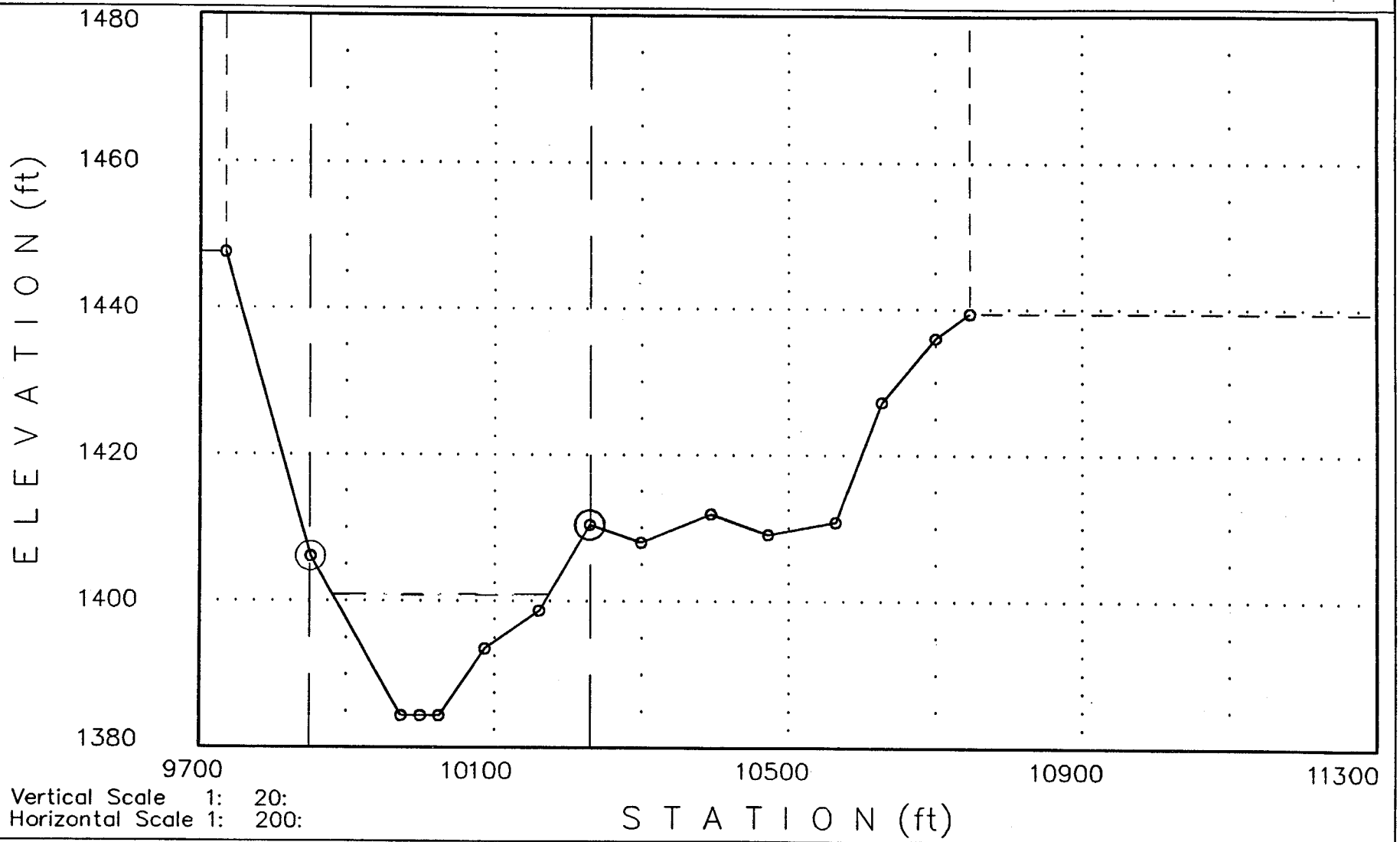
09-12-1996

<<<<<< Cross Section: 33.54: (FN = AGUAFRIA.20) >>>>>>

Q1= 9000cfs WS1= 1400.93
Q2= 9000cfs WS2= 1400.79

Manning-n Values: LOB: 0 CH: .05 ROB: 0



Vertical Scale 1: 20:
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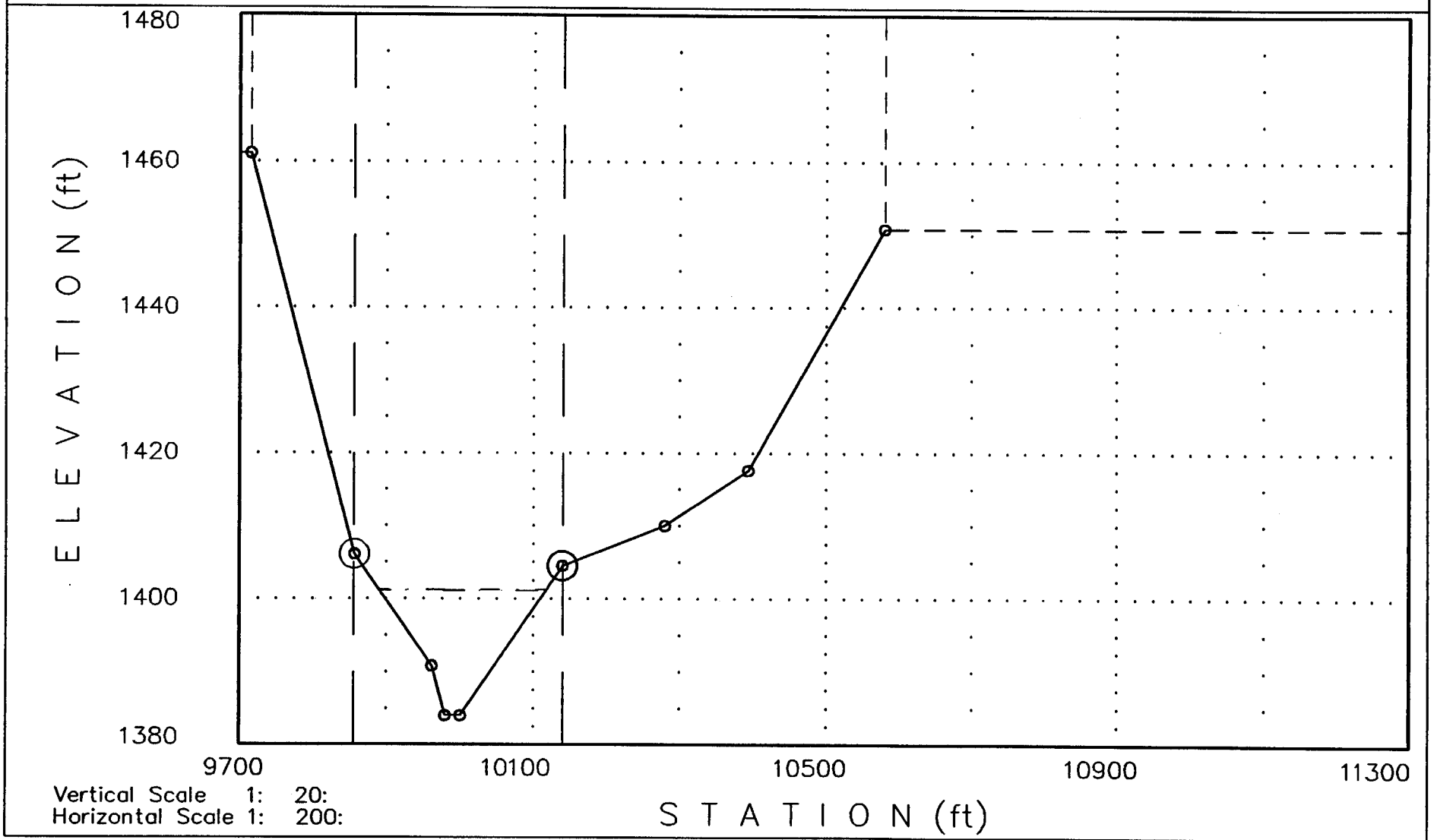
09-12-1996

<<<<<< Cross Section: 33.63: (FN = AGUAFRIA.20) >>>>>>

Q1= 9000cfs WS1= 1401.28

Q2= 9000cfs WS2= 1401.16

Manning-n Values: LOB: 0 CH: .05 ROB: 0



Vertical Scale 1: 20:

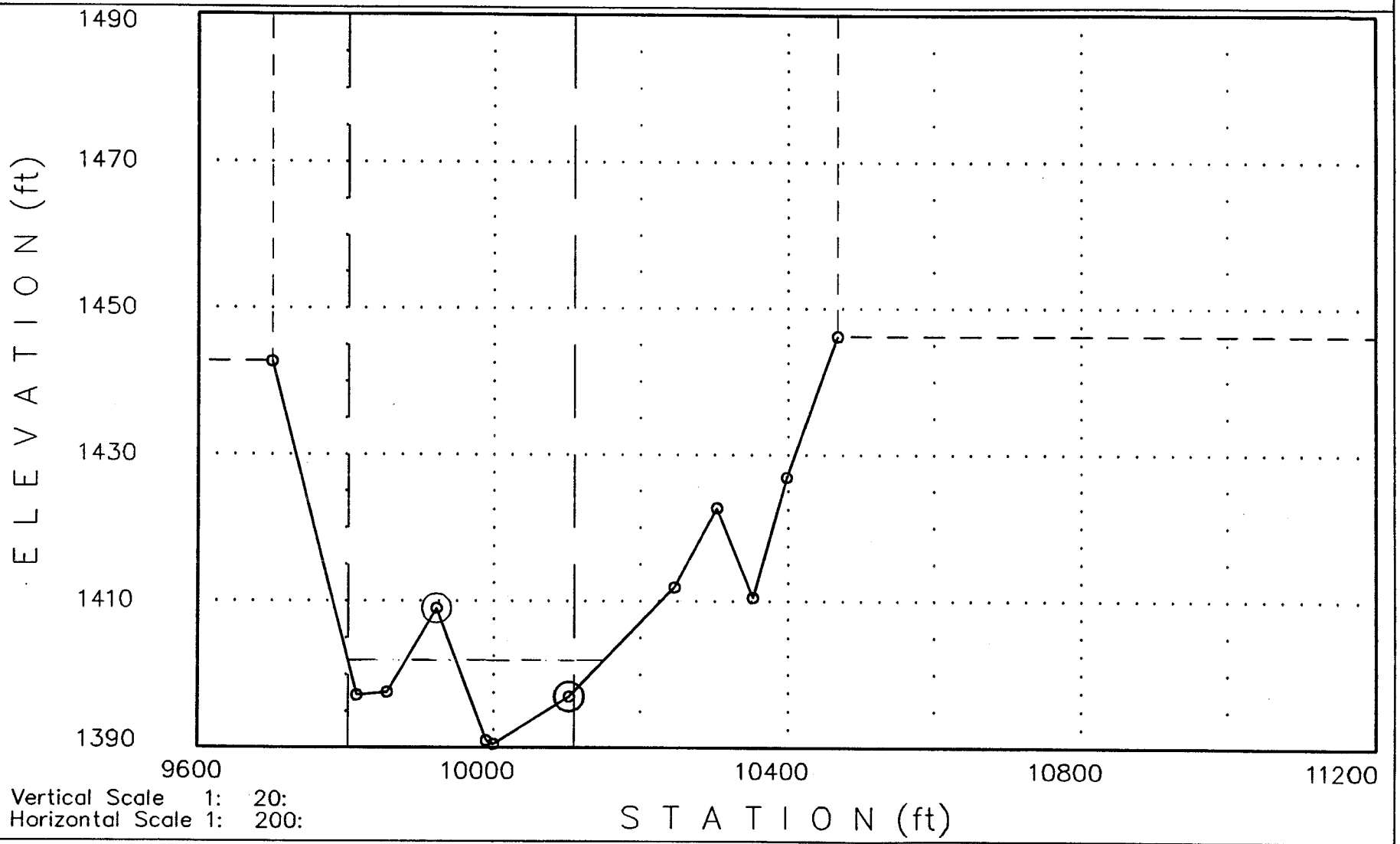
Horizontal Scale 1: 200:

09-12-1996

<<<<<< Cross Section: 33.73: (FN = AGUAFRIA.20) >>>>>>

Q1= 9000cfs WS1= 1402.02
Q2= 9000cfs WS2= 1401.93

Manning-n Values: LOB: .045 CH: .05 ROB: .045



Vertical Scale 1: 20:
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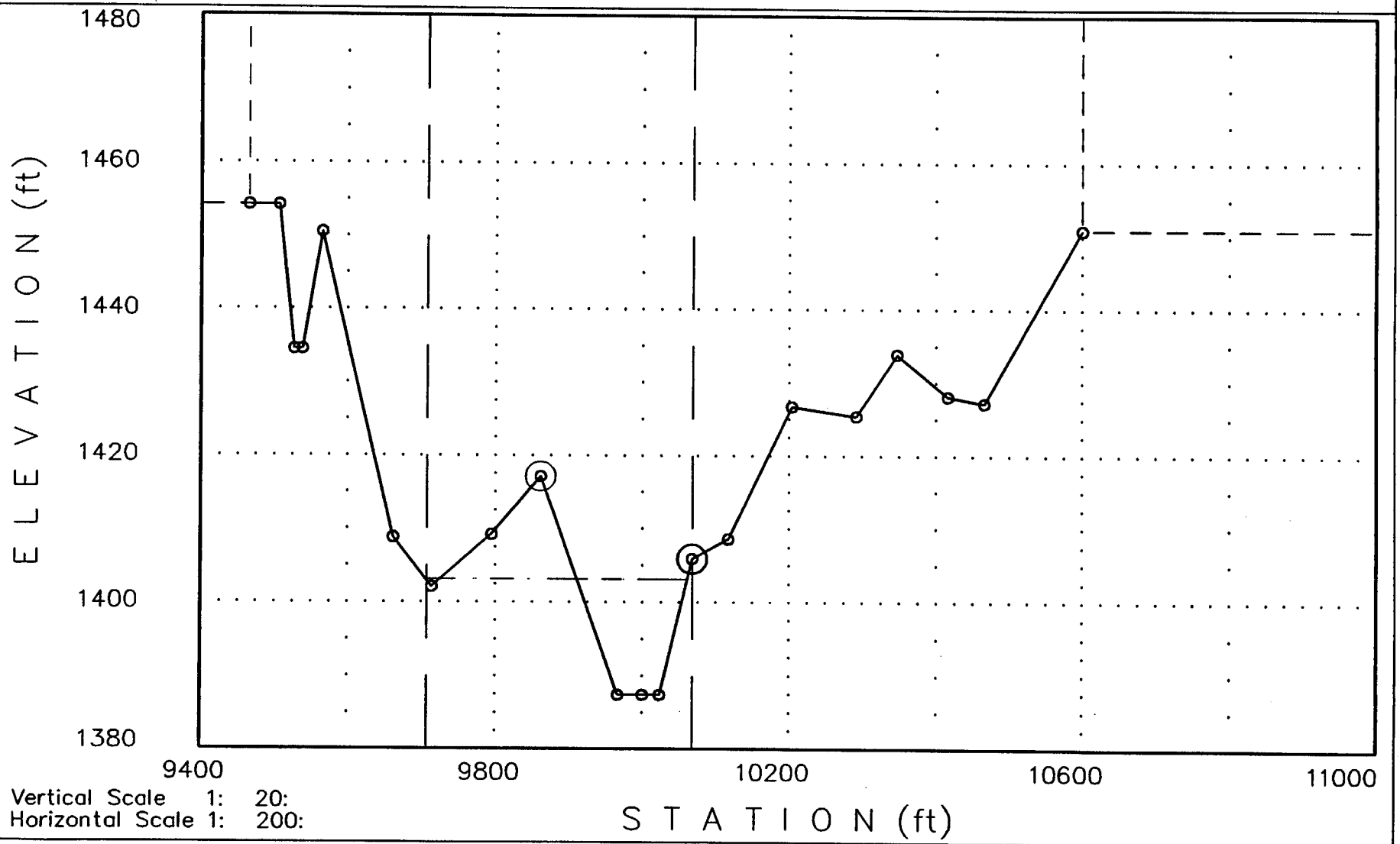
09-12-1996

<<<<<< Cross Section: 33.82: (FN = AGUAFRIA.20) >>>>>>

Q1= 9000cfs WS1= 1403.11

Q2= 9000cfs WS2= 1403.13

Manning-n Values: LOB: .045 CH: .05 ROB: 0



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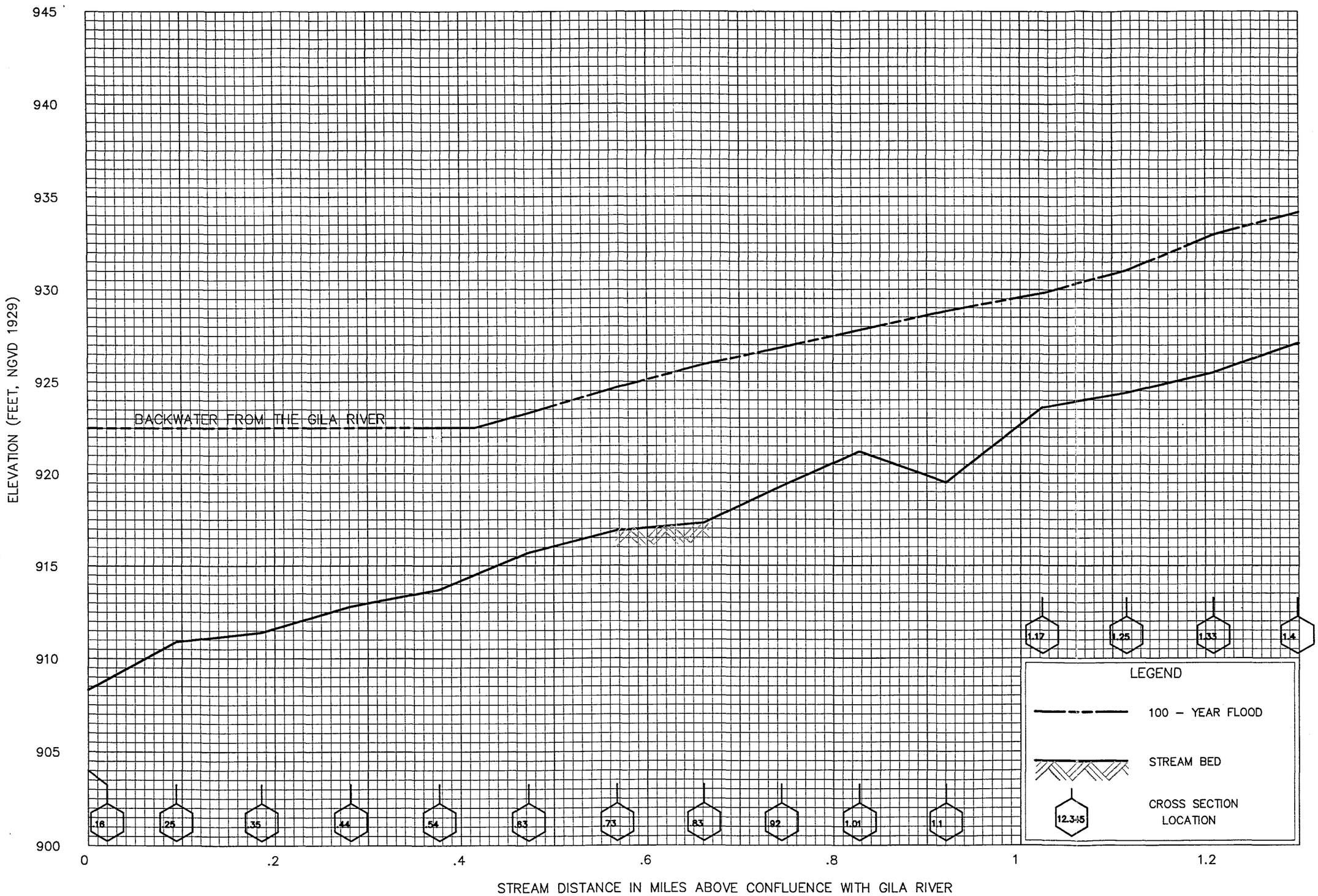
09-12-1996

SECTION III

FLOOD PROFILES

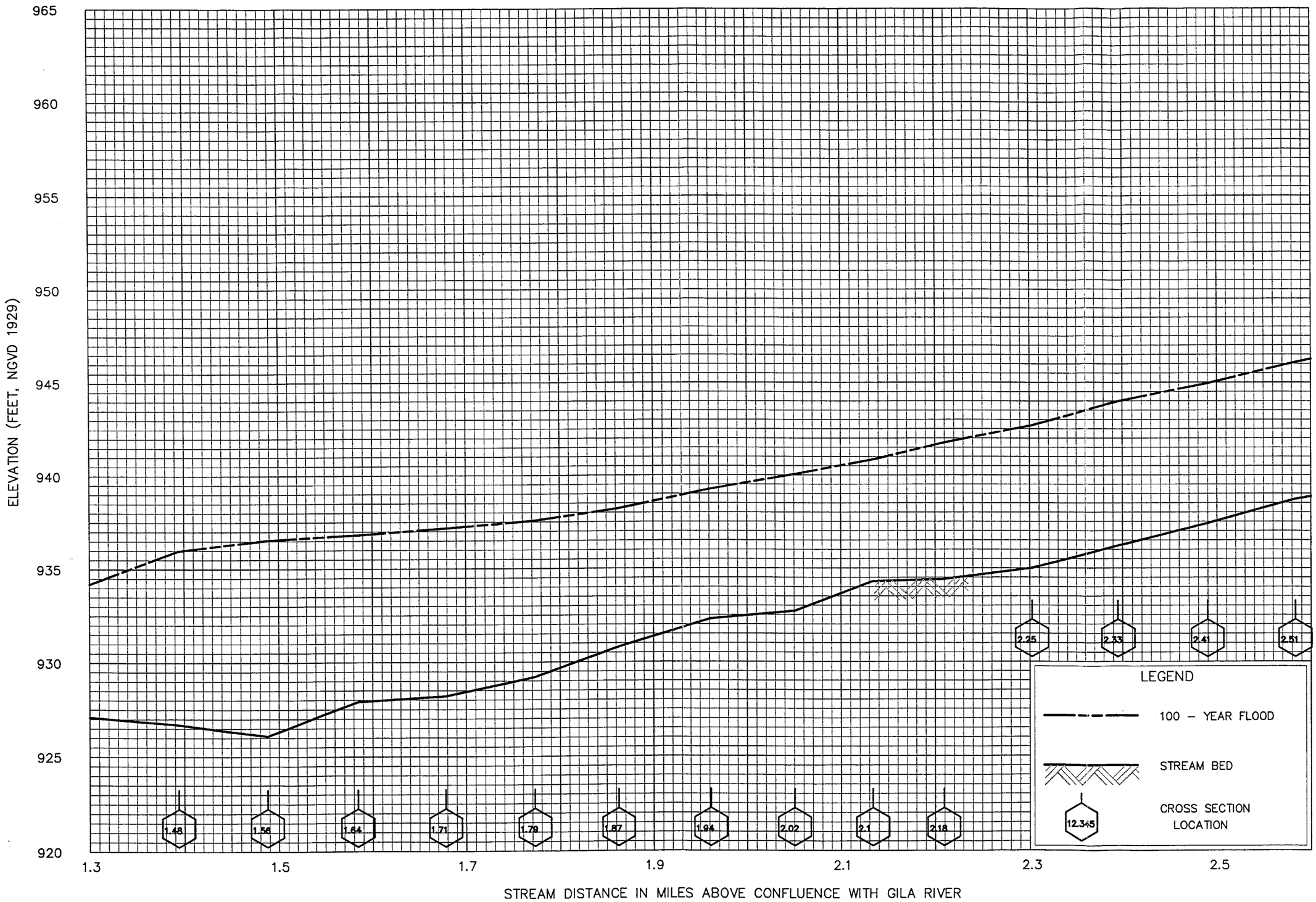


FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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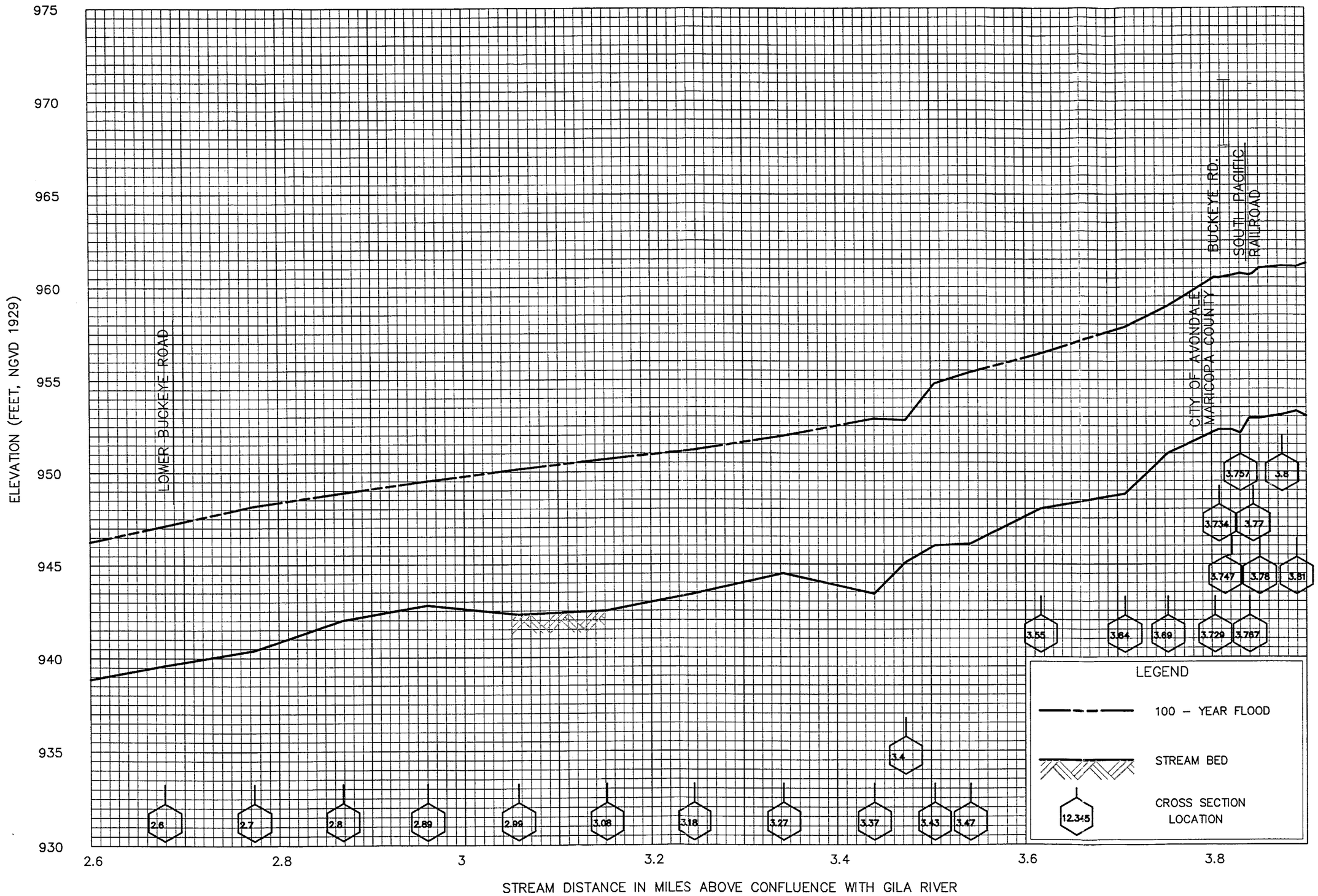
FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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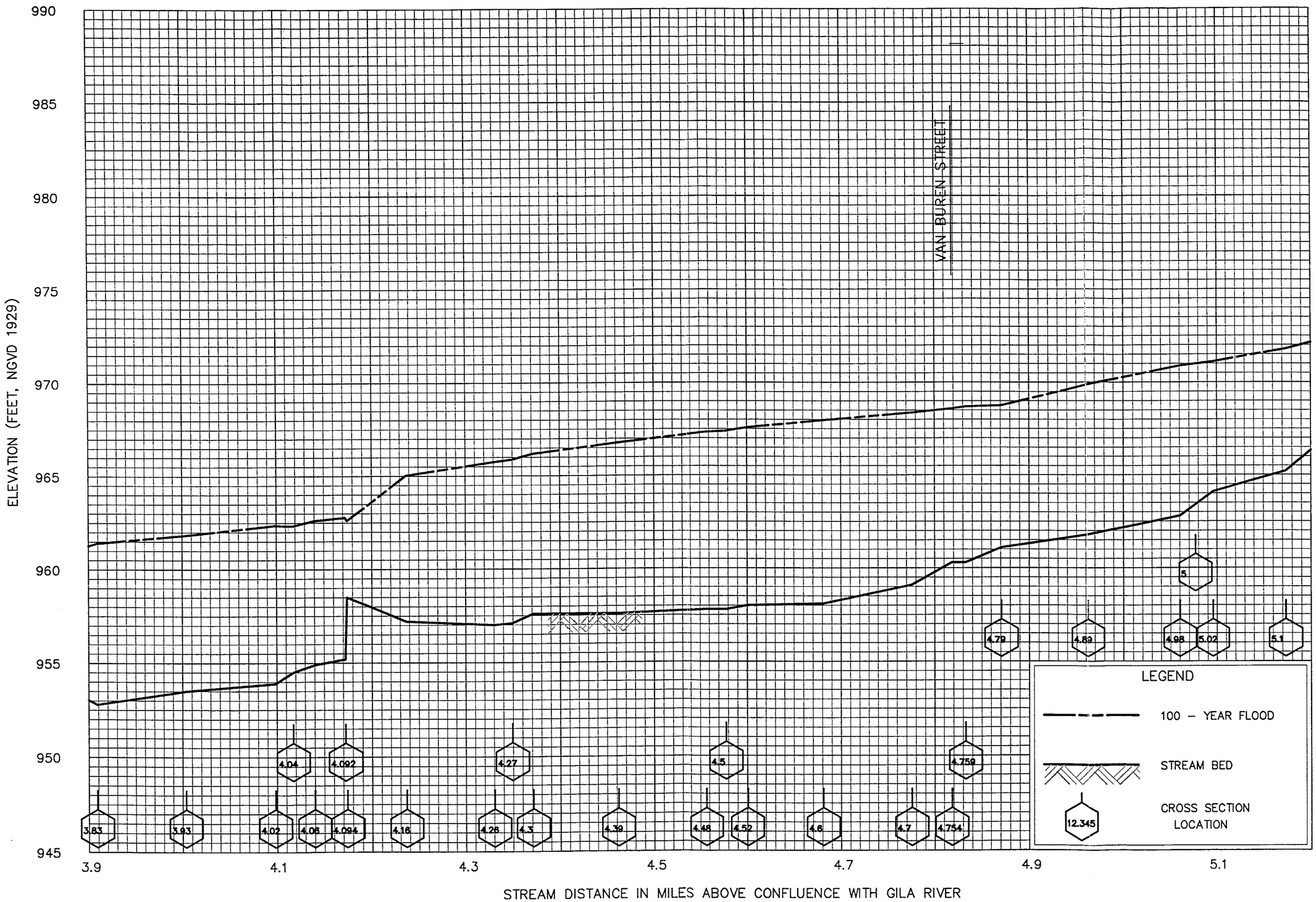
FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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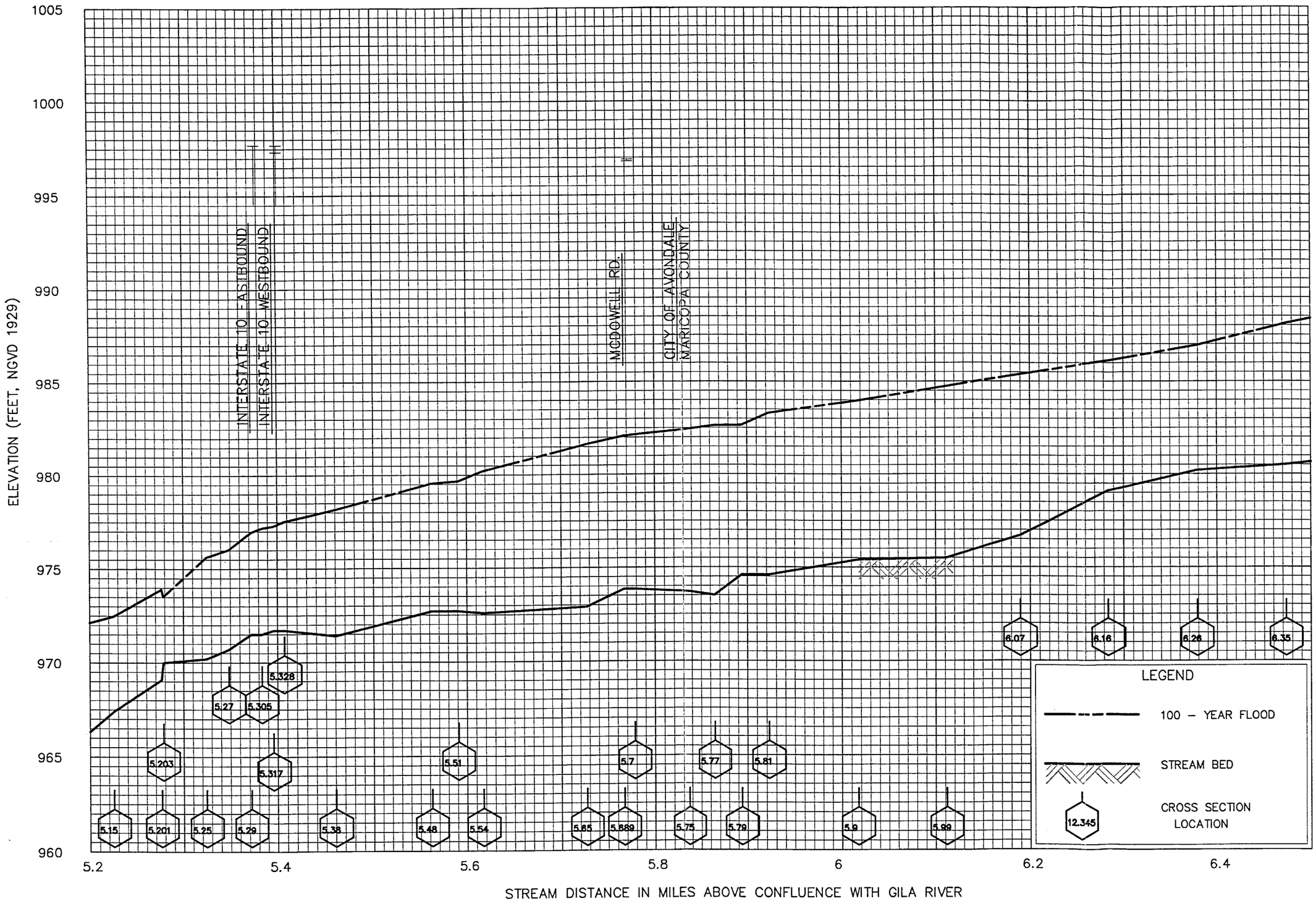
FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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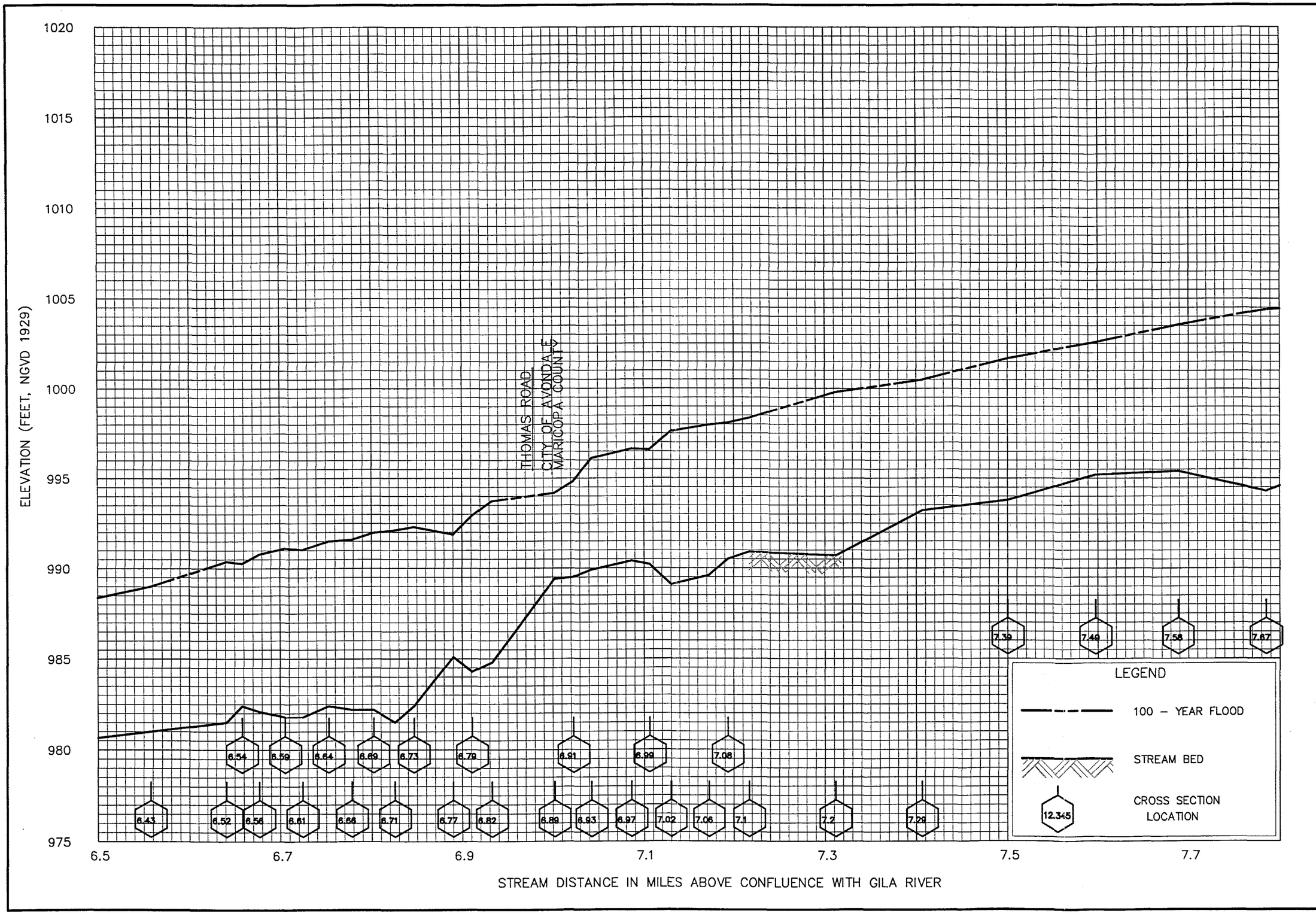
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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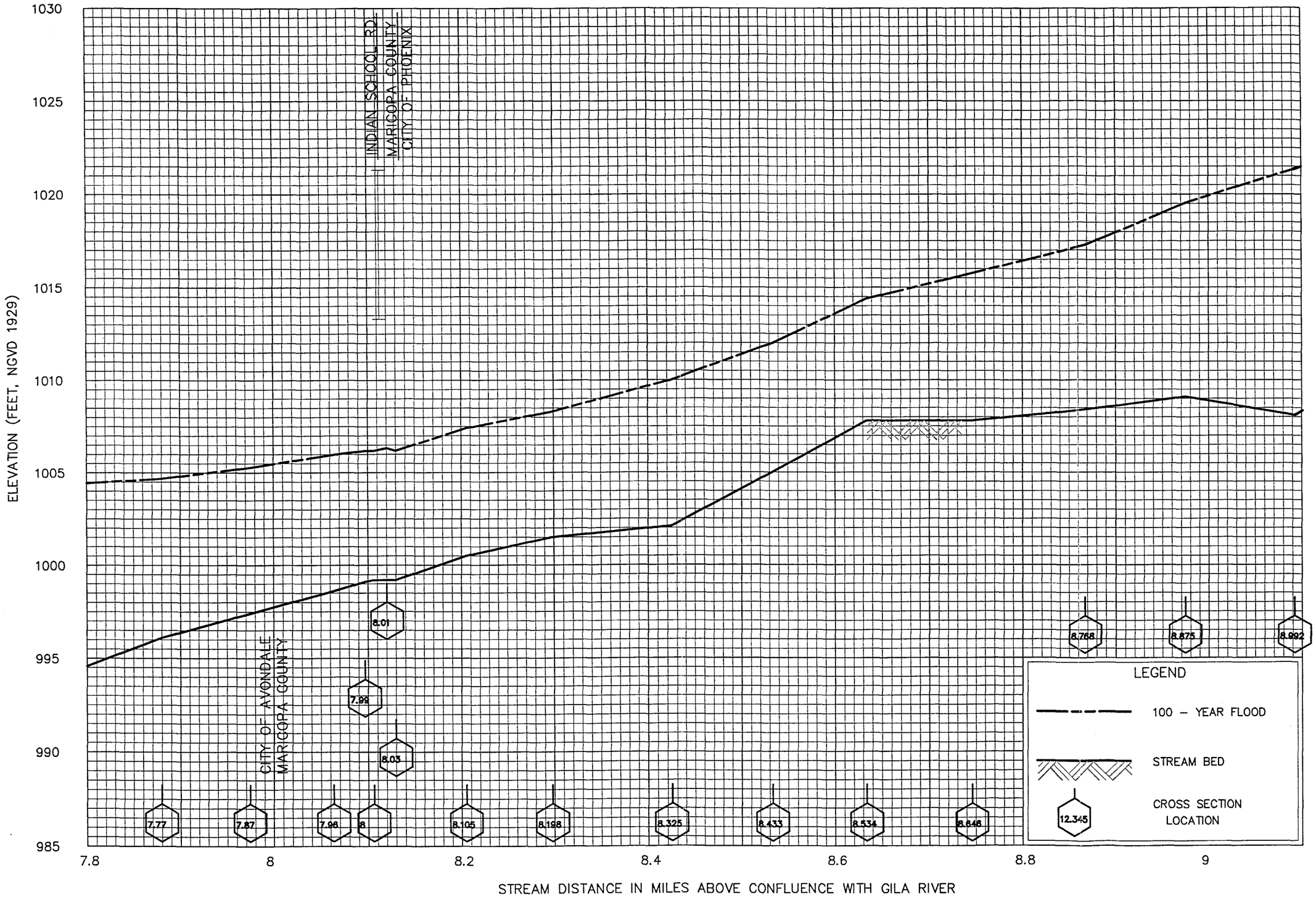
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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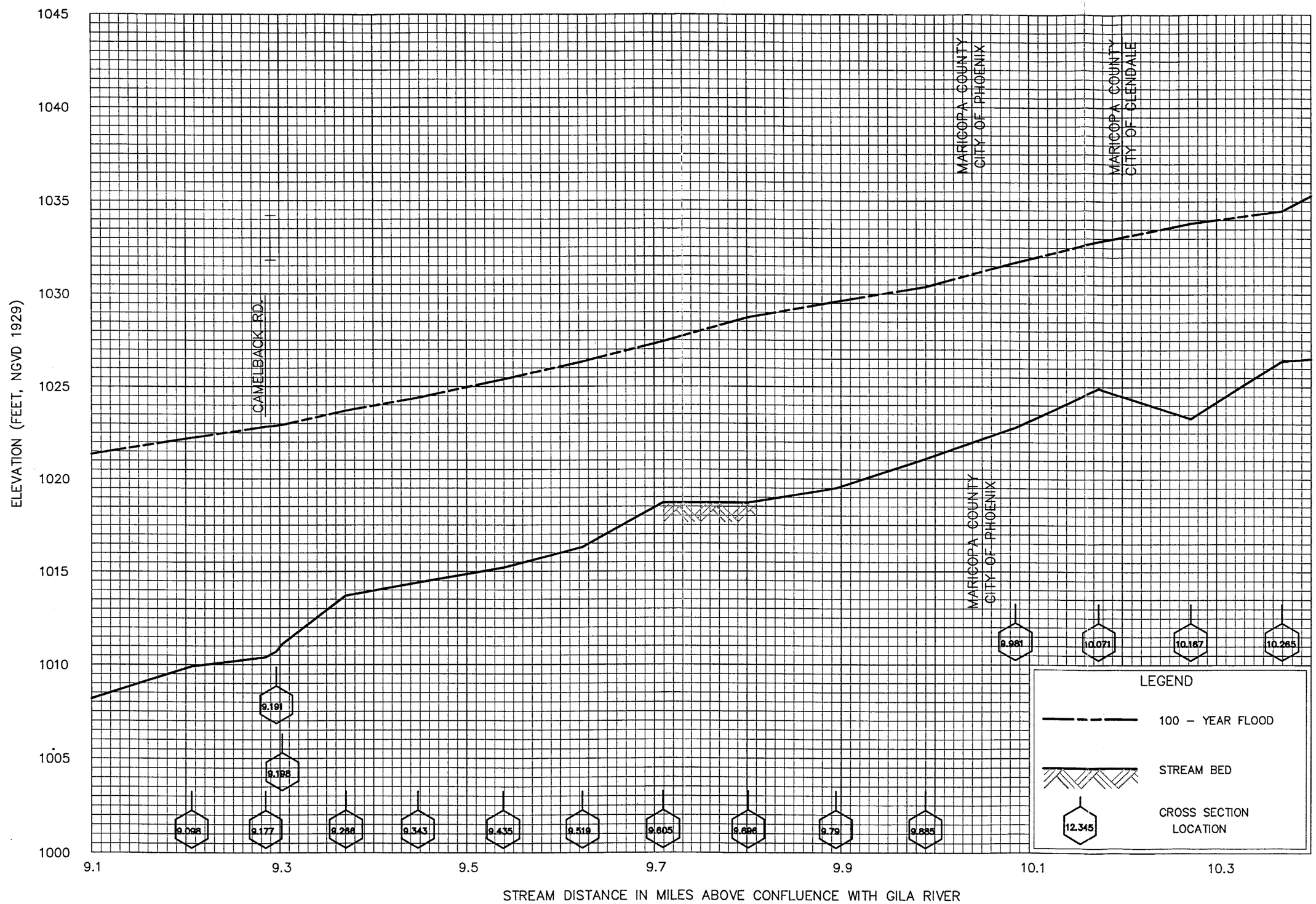
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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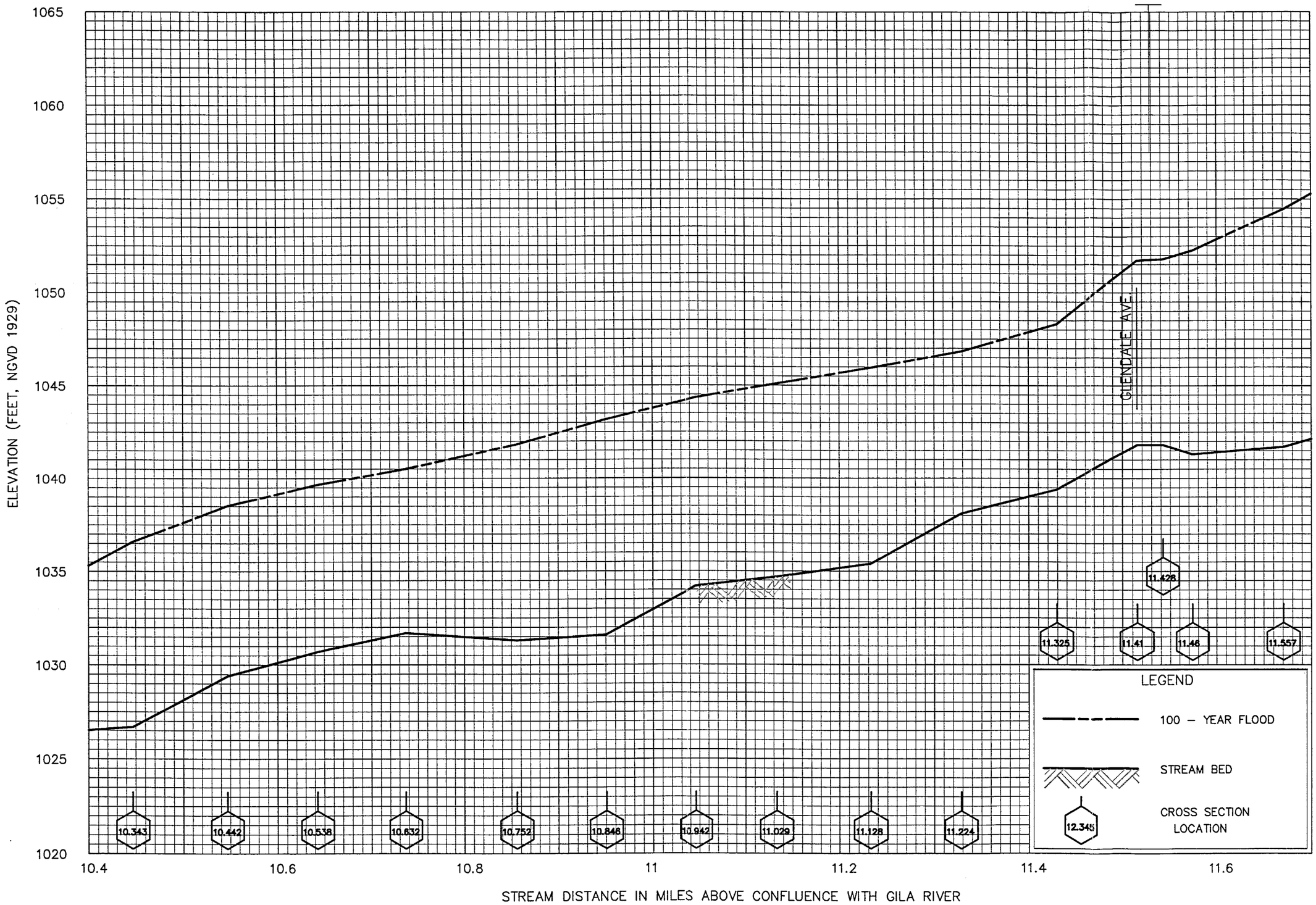
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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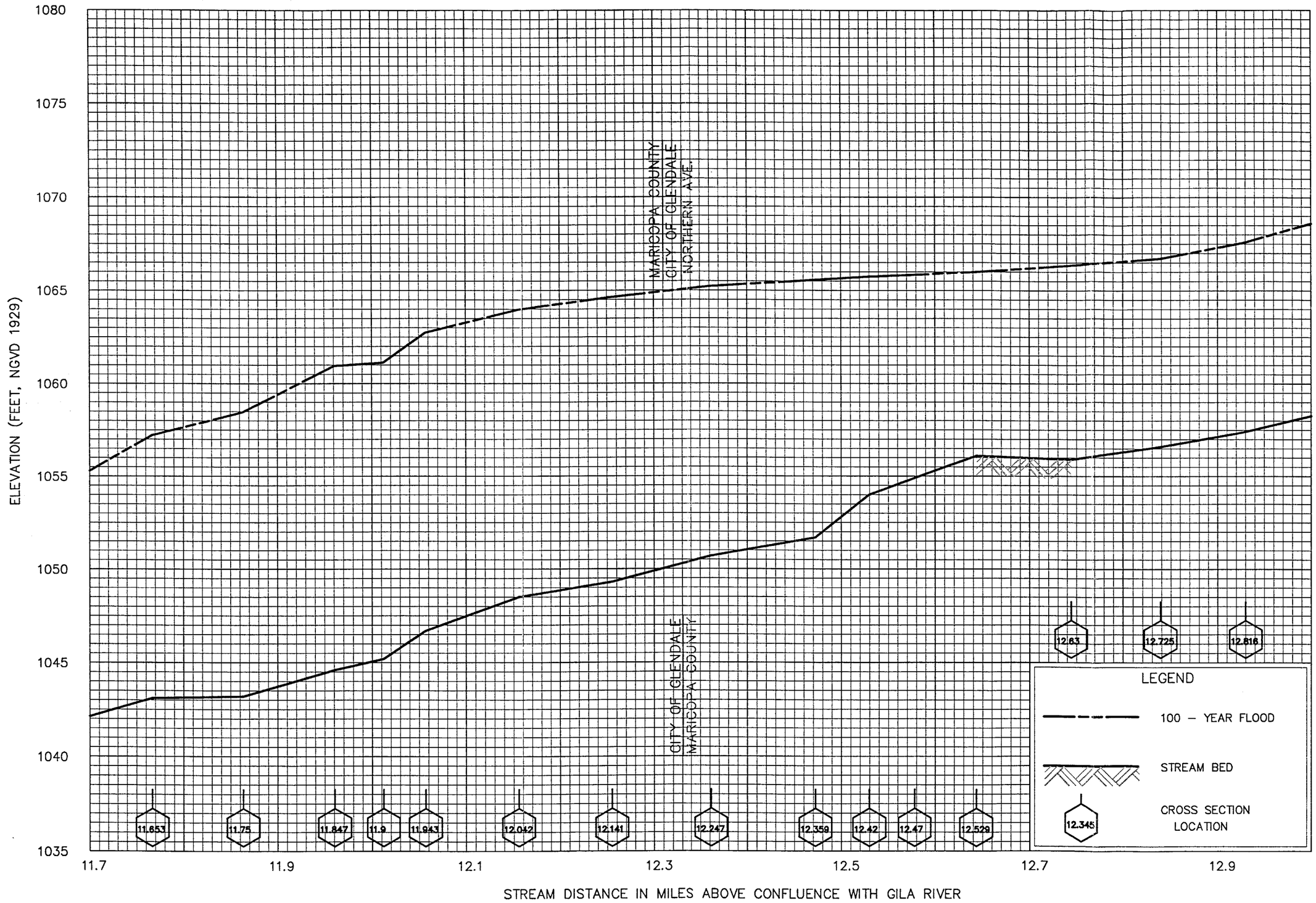
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

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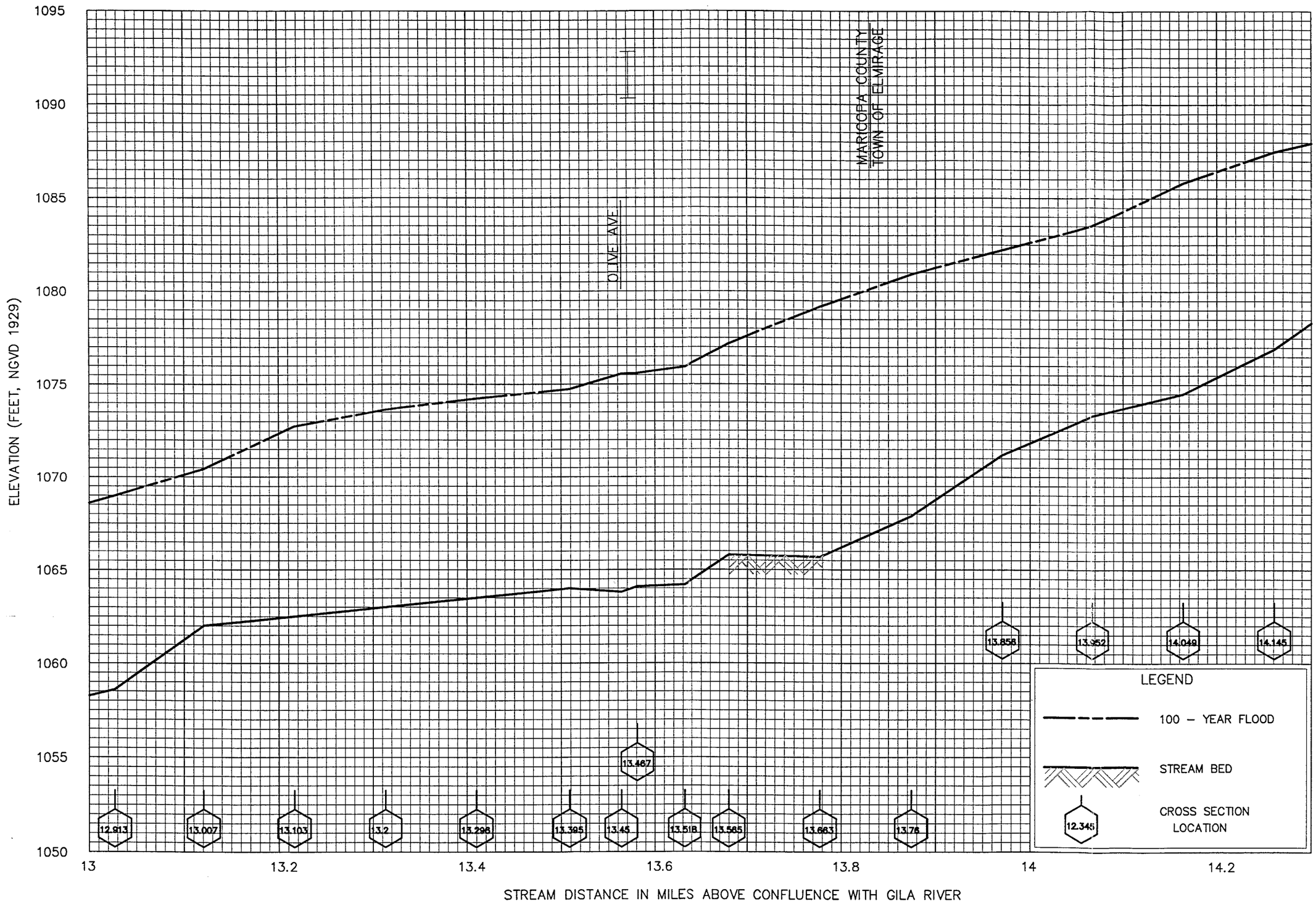

FLOOD PROFILES

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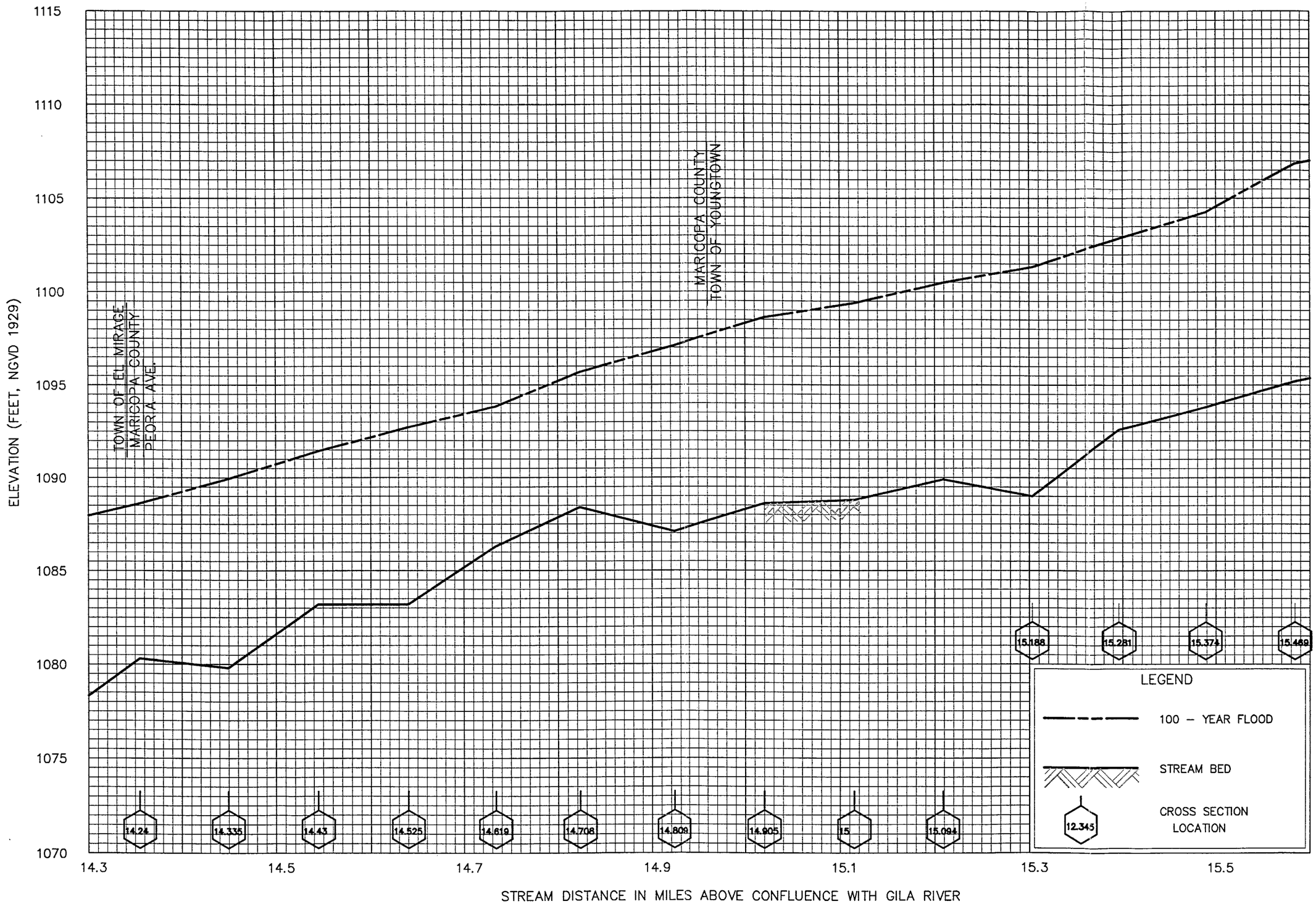

FLOOD PROFILES

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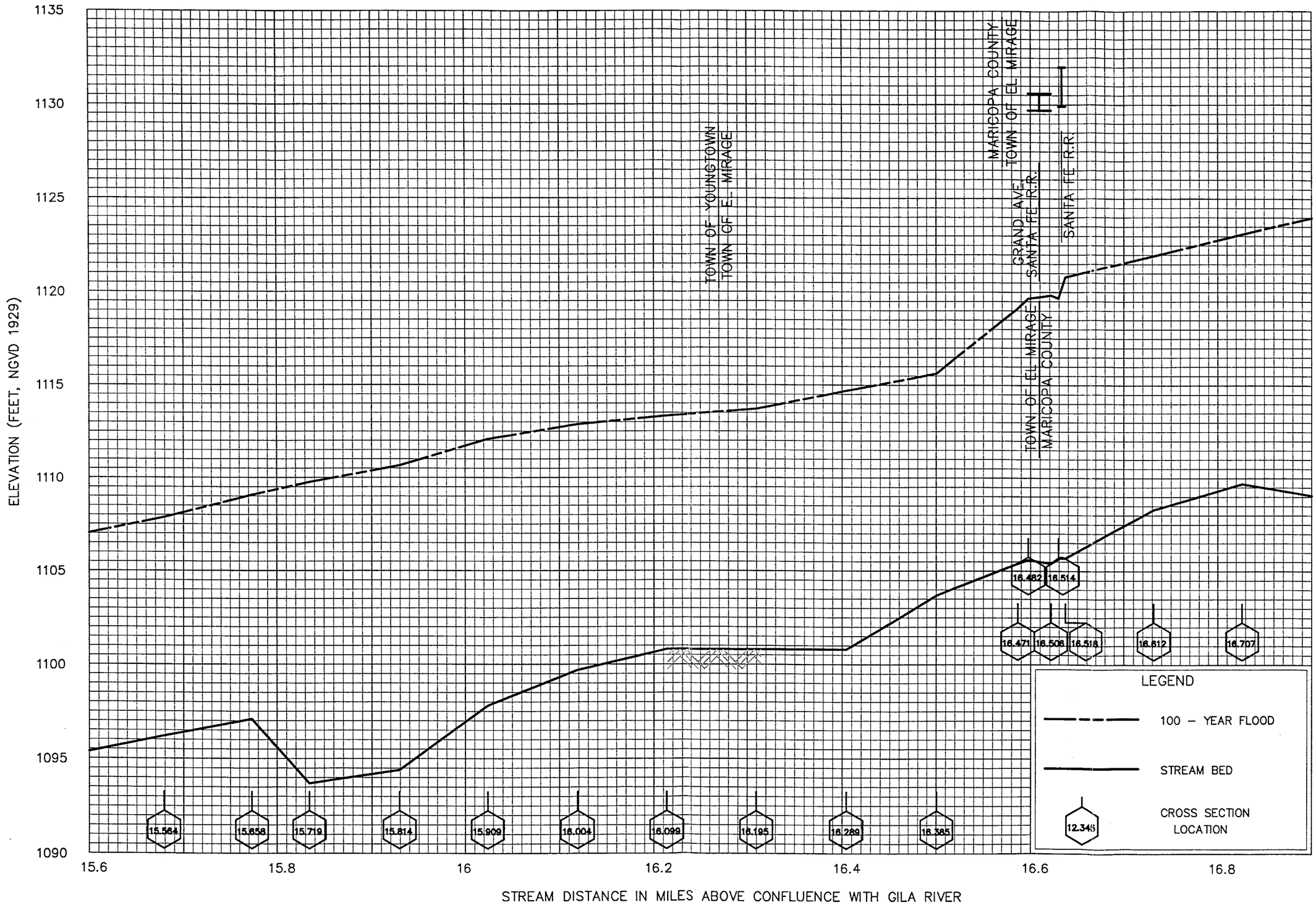

FLOOD PROFILES

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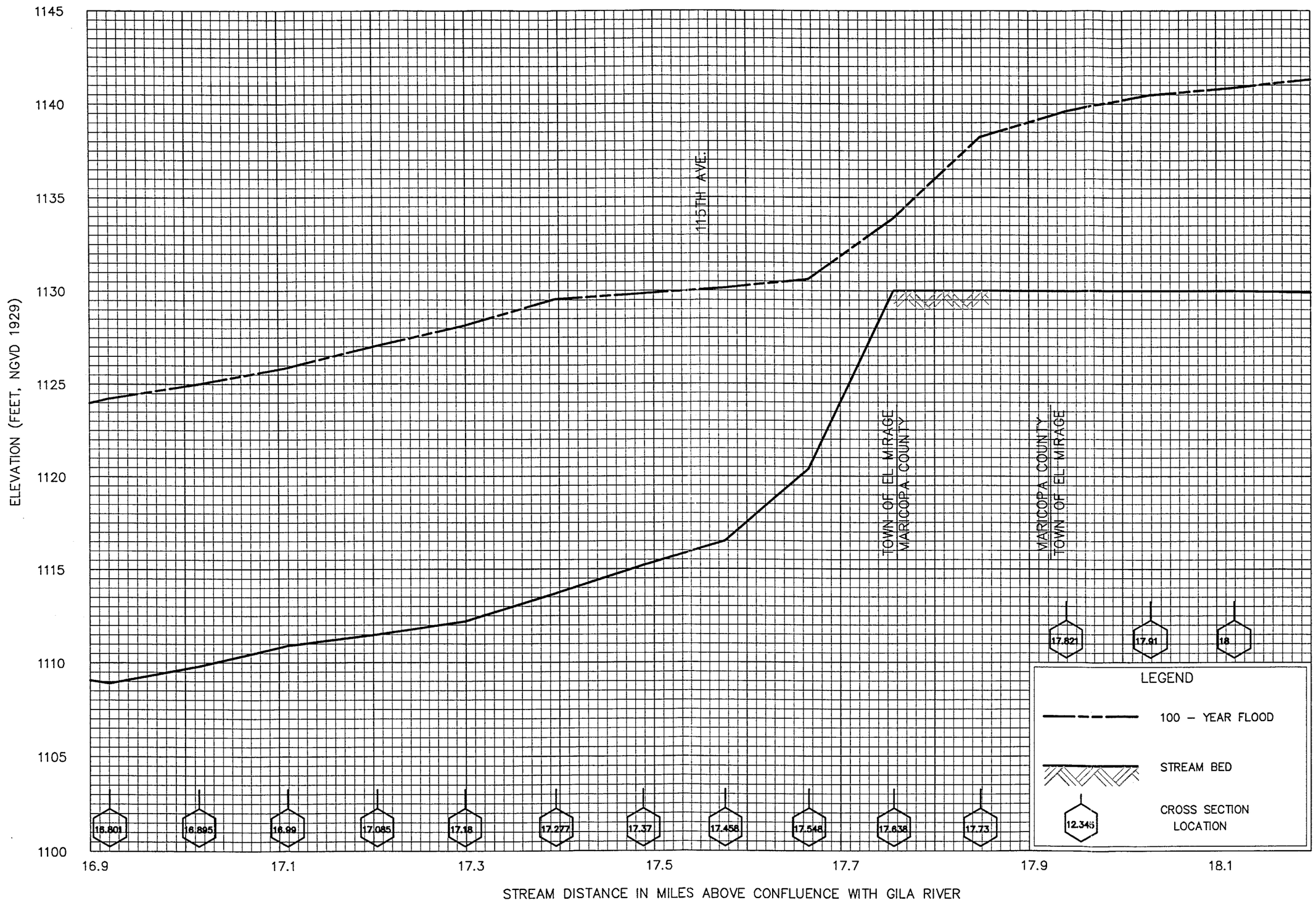
AND INCORPORATED AREAS



FLOOD PROFILES

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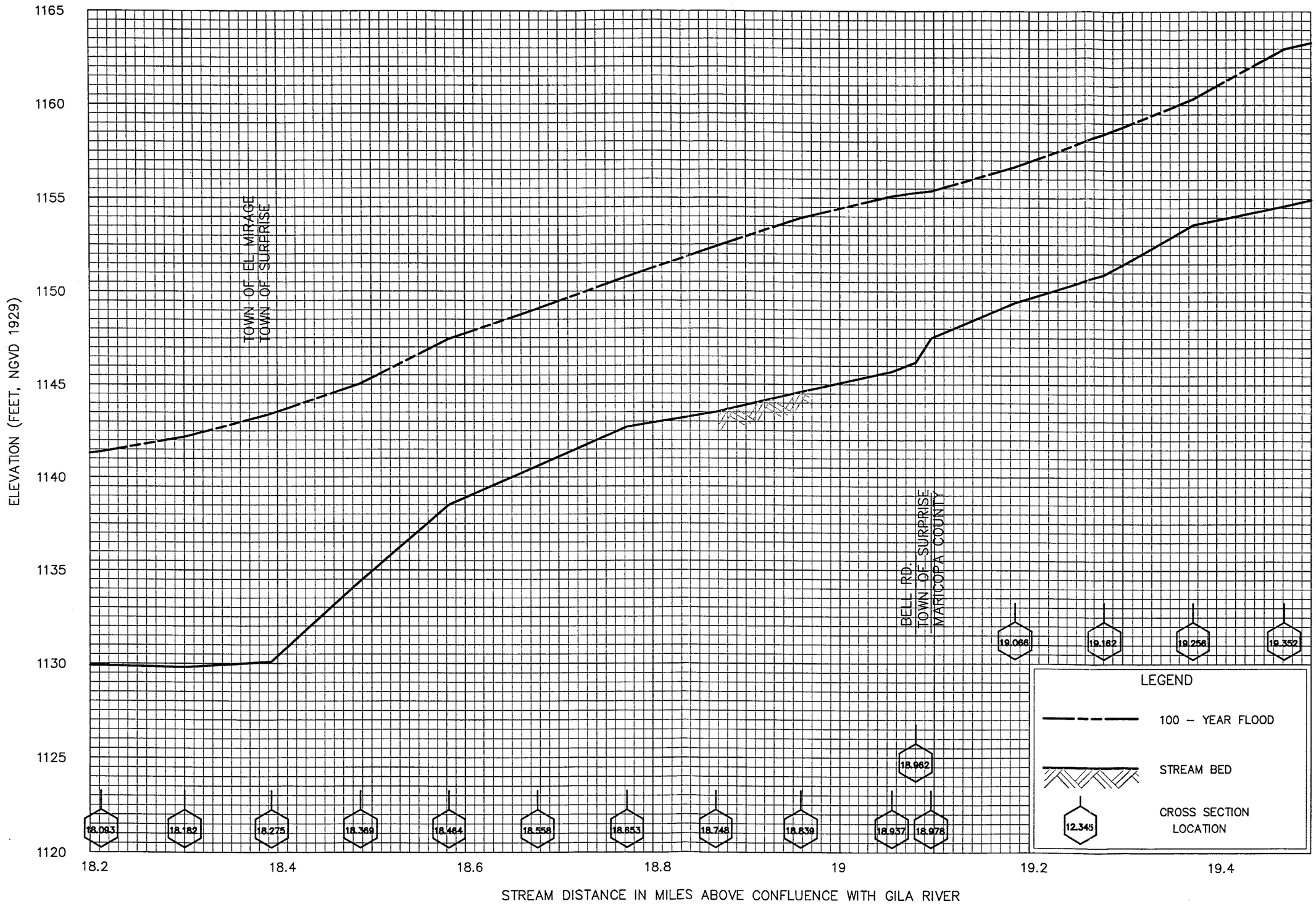

FLOOD PROFILES

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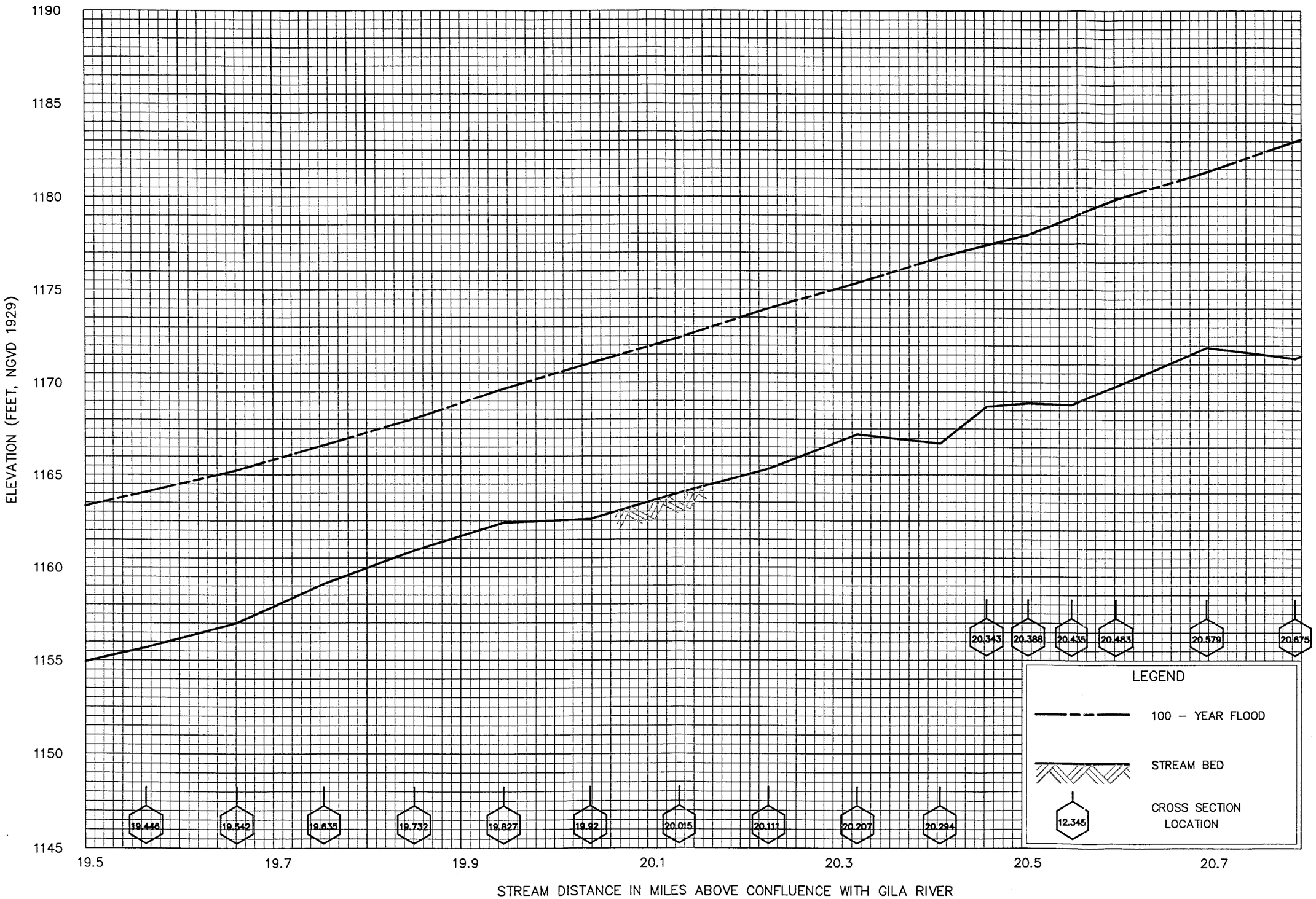

FLOOD PROFILES

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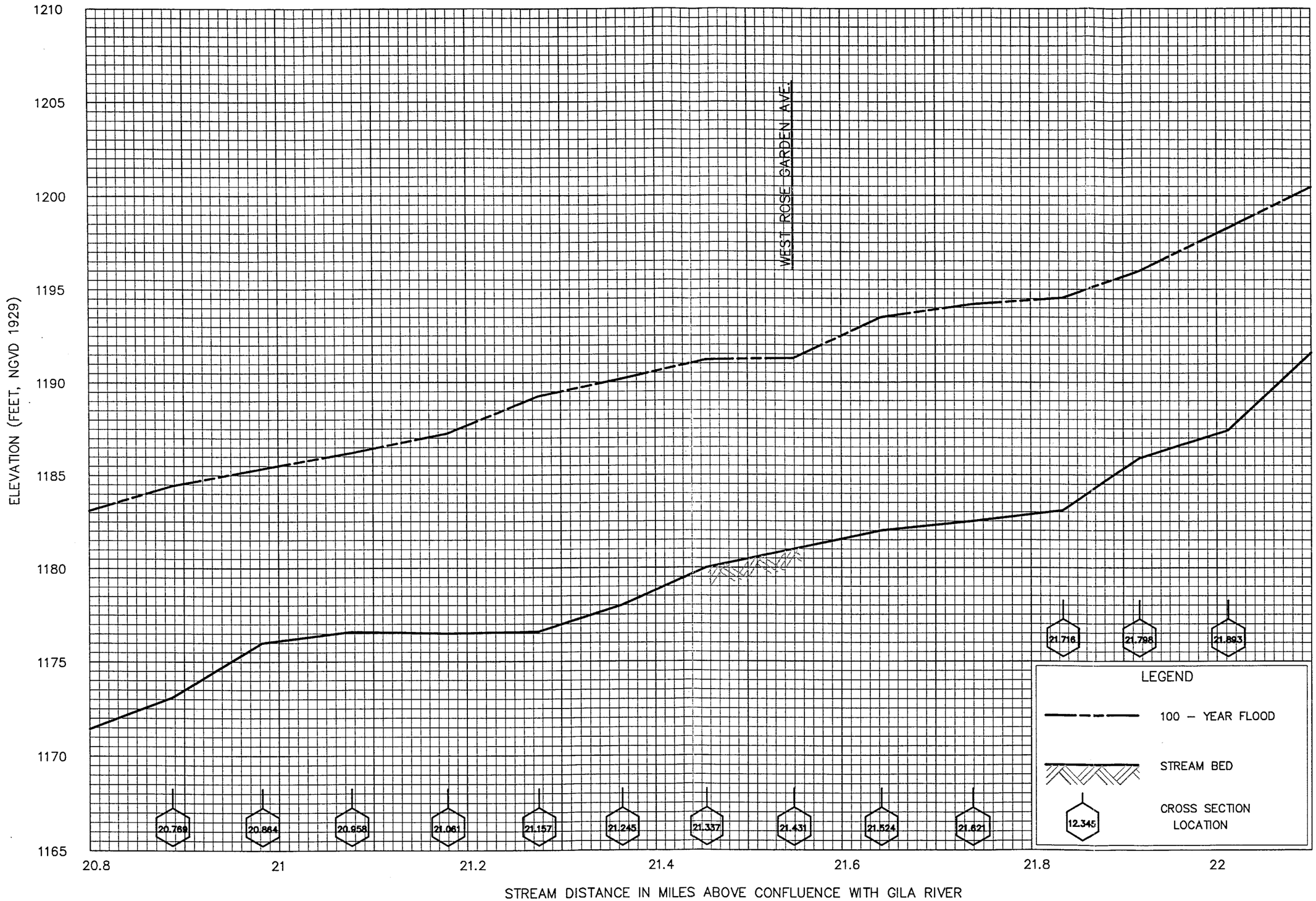
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

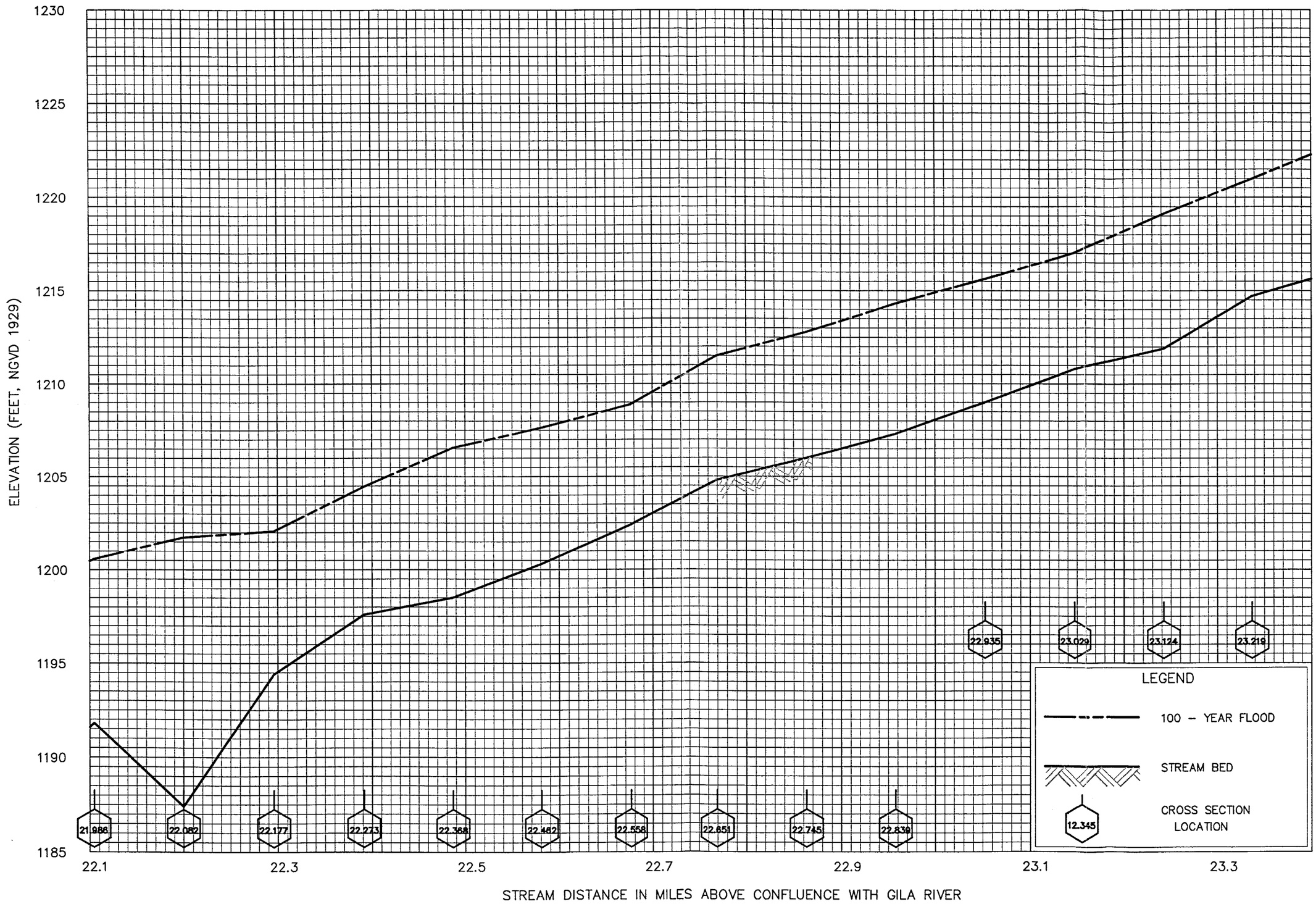


FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

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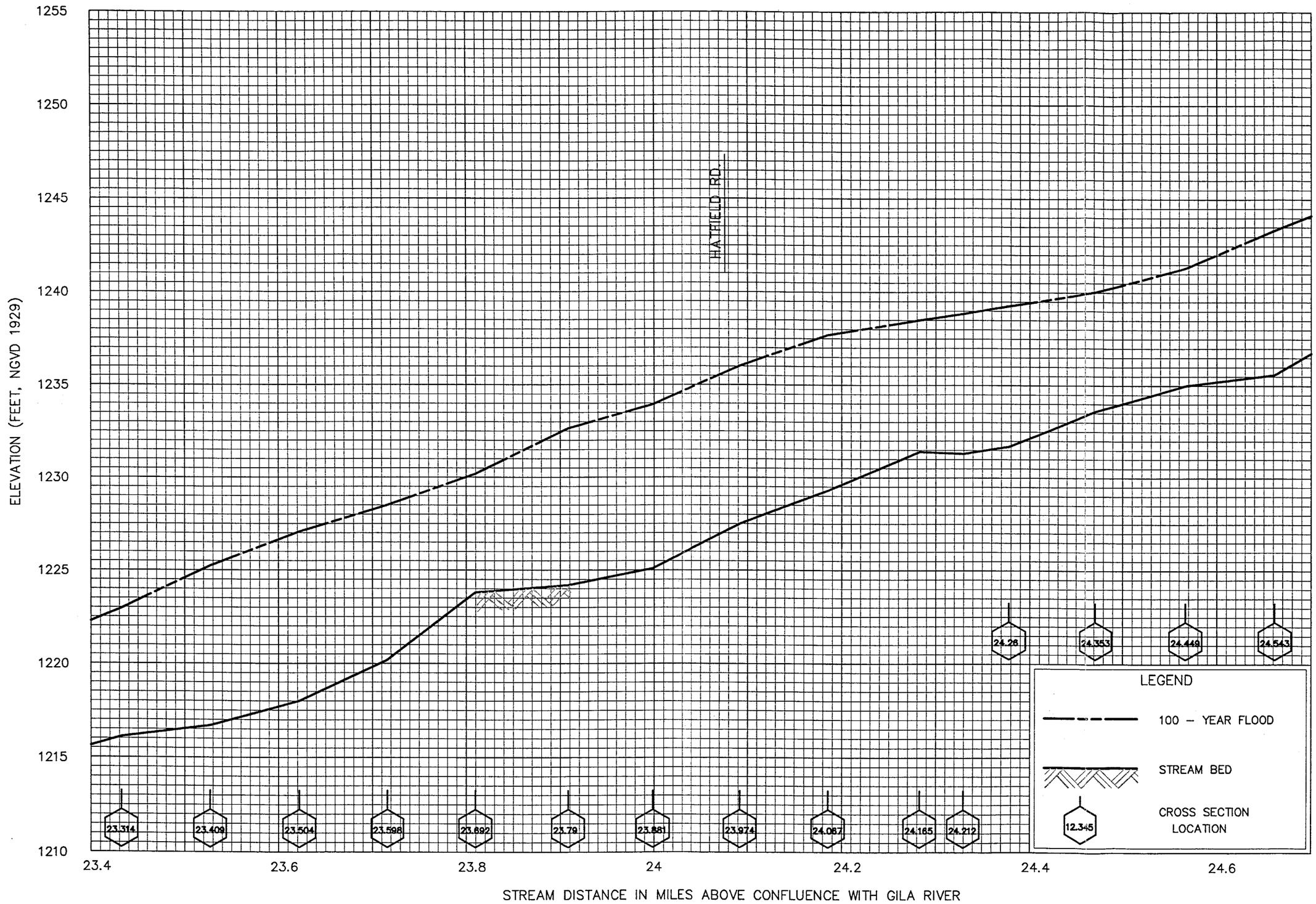

FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

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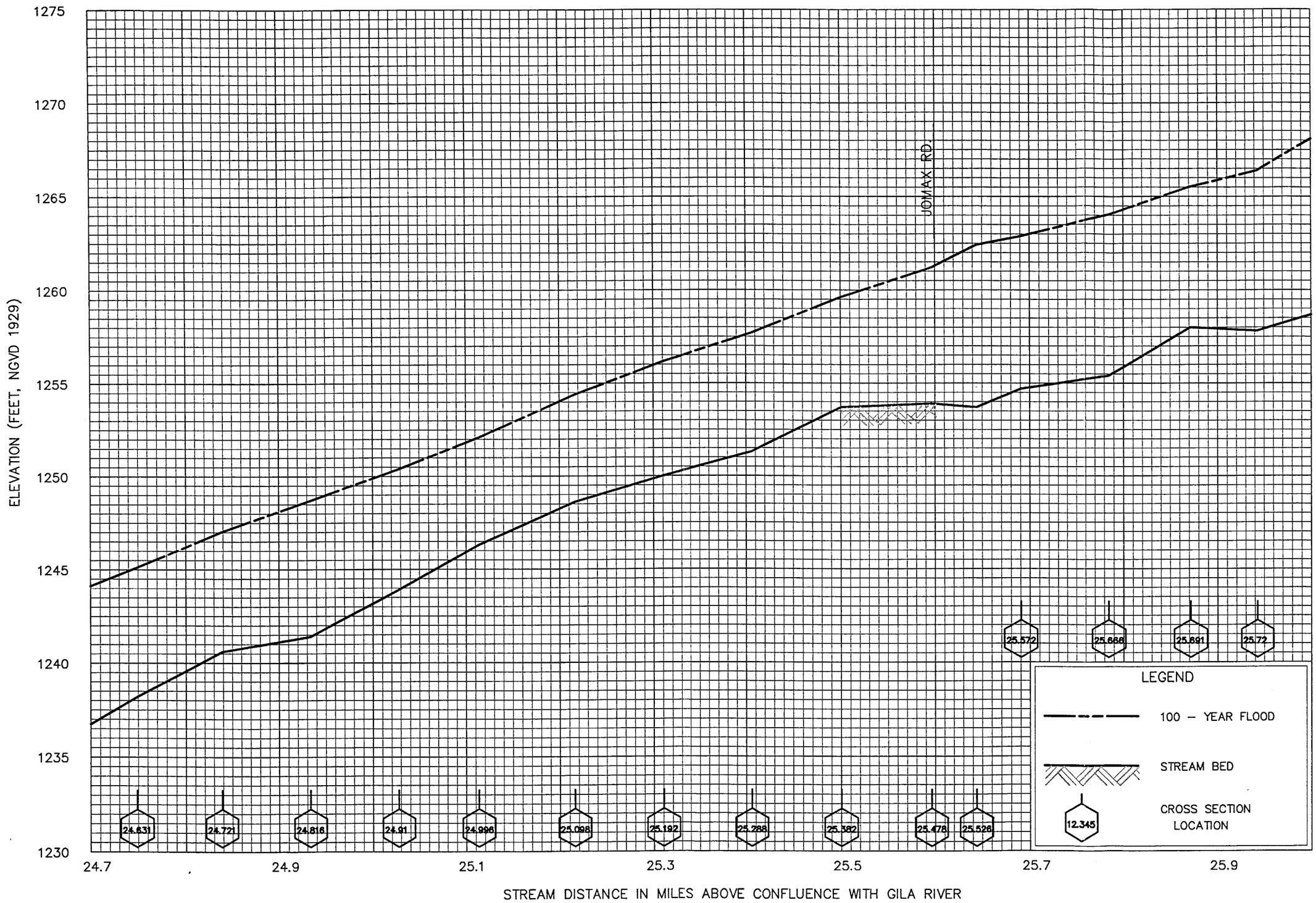

FLOOD PROFILES

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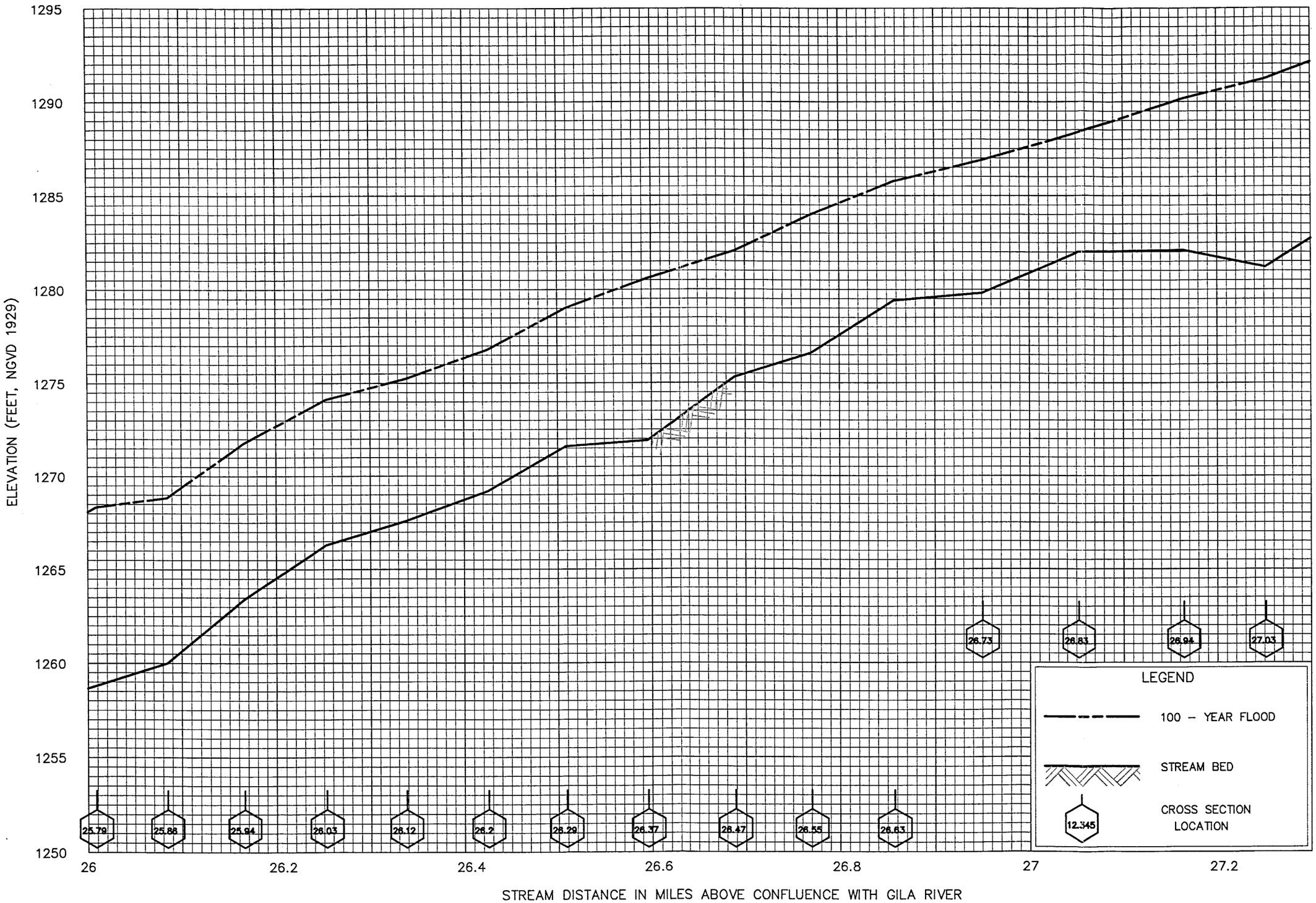

FLOOD PROFILES

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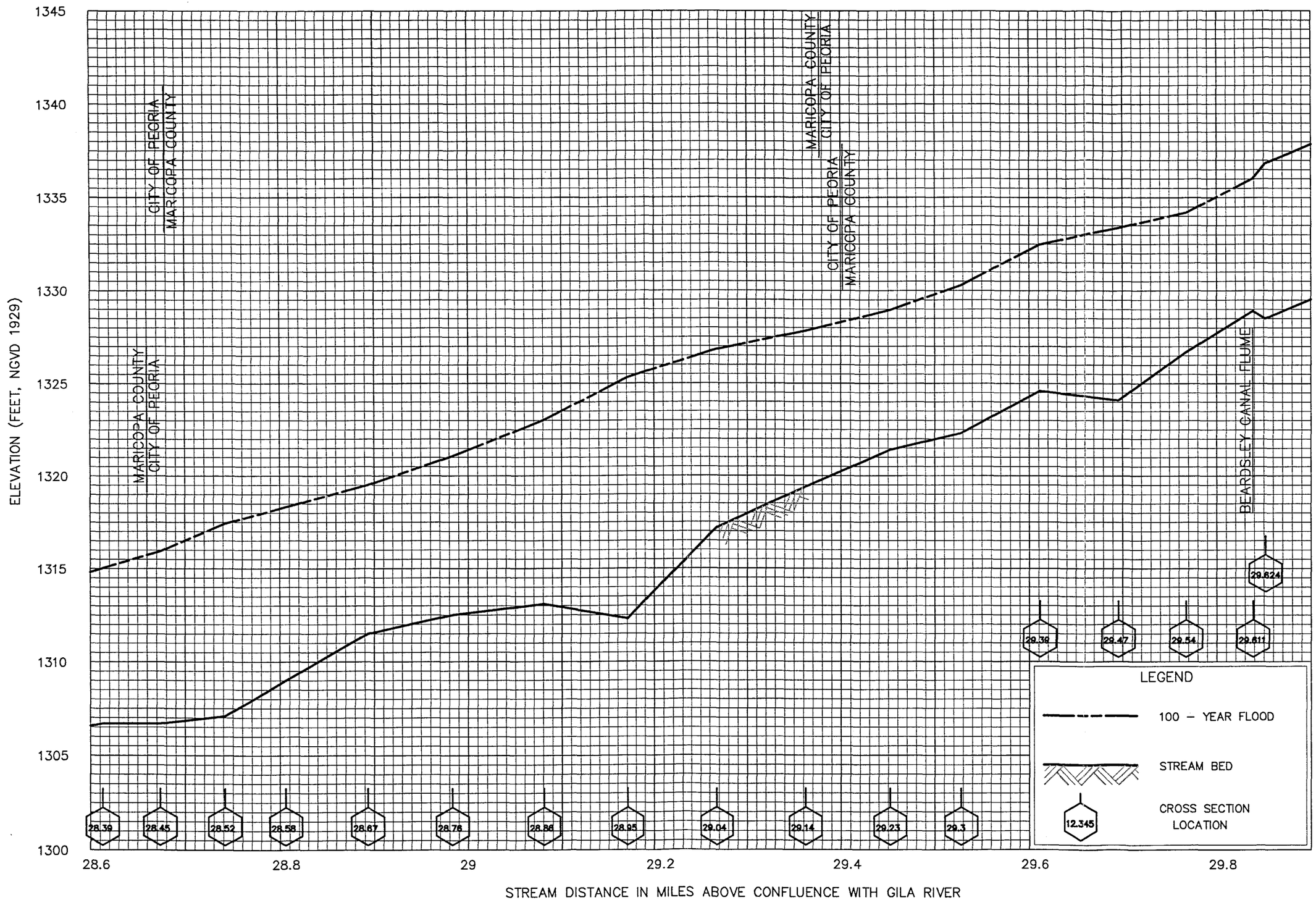

FLOOD PROFILES

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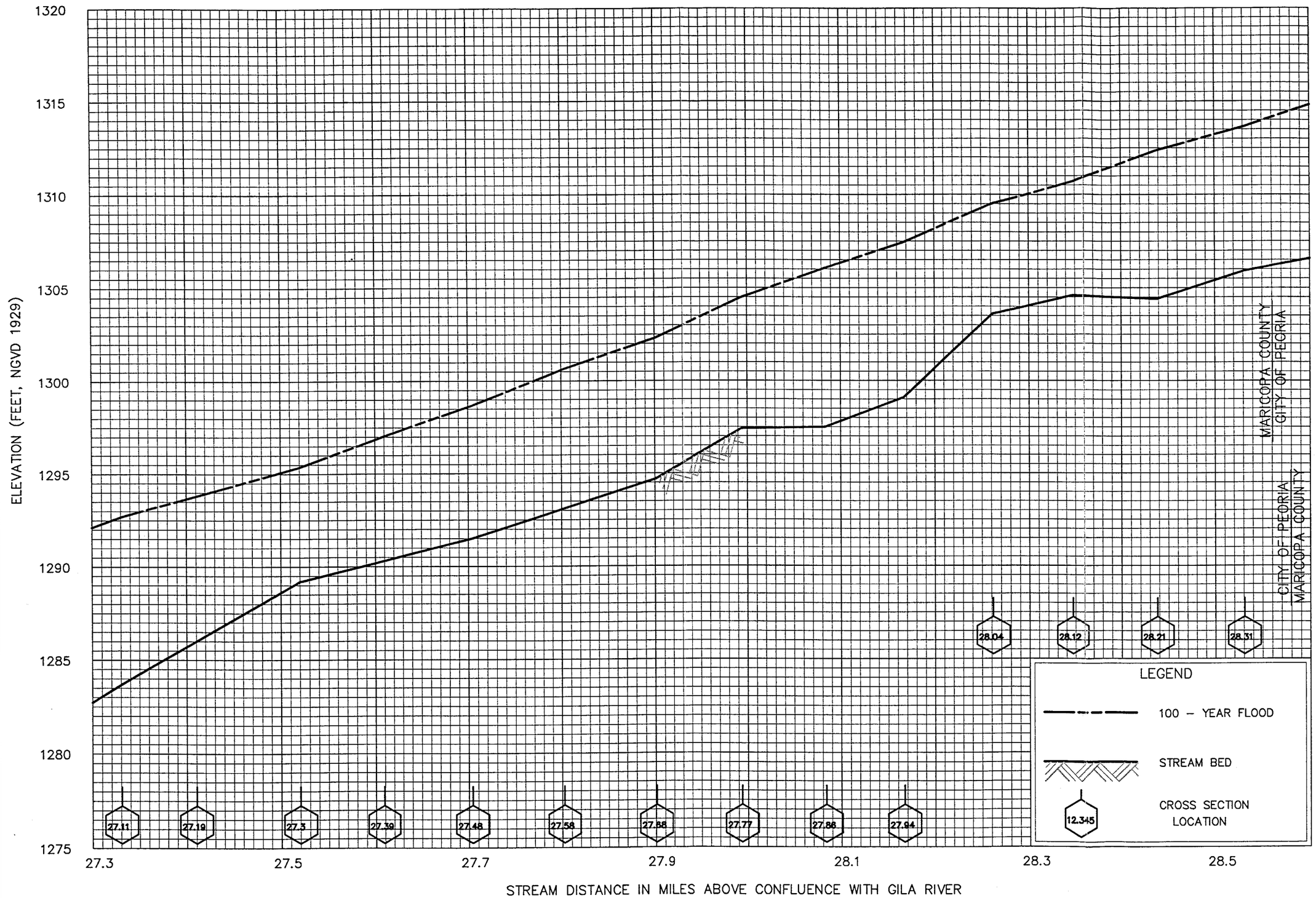
MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

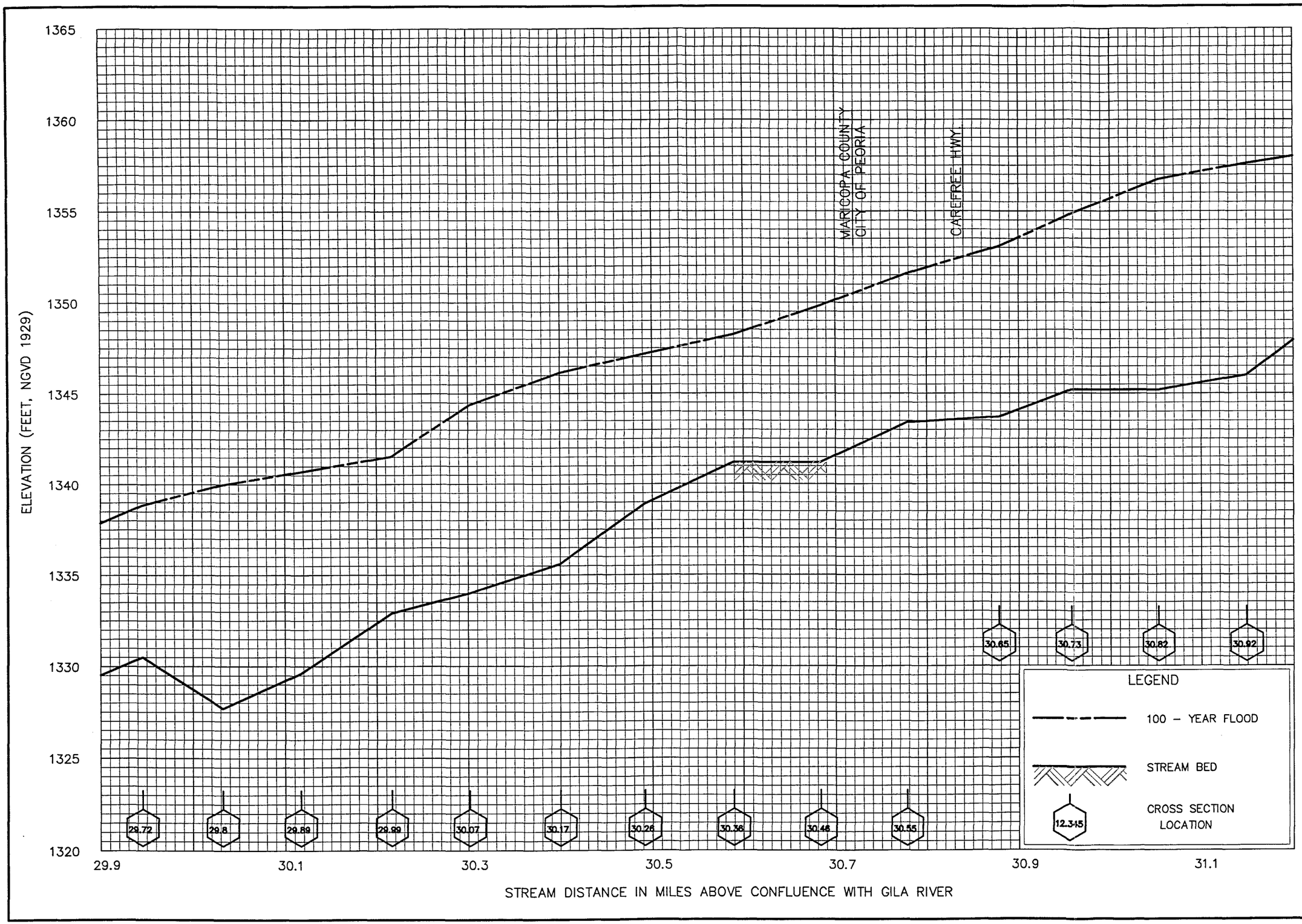


FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

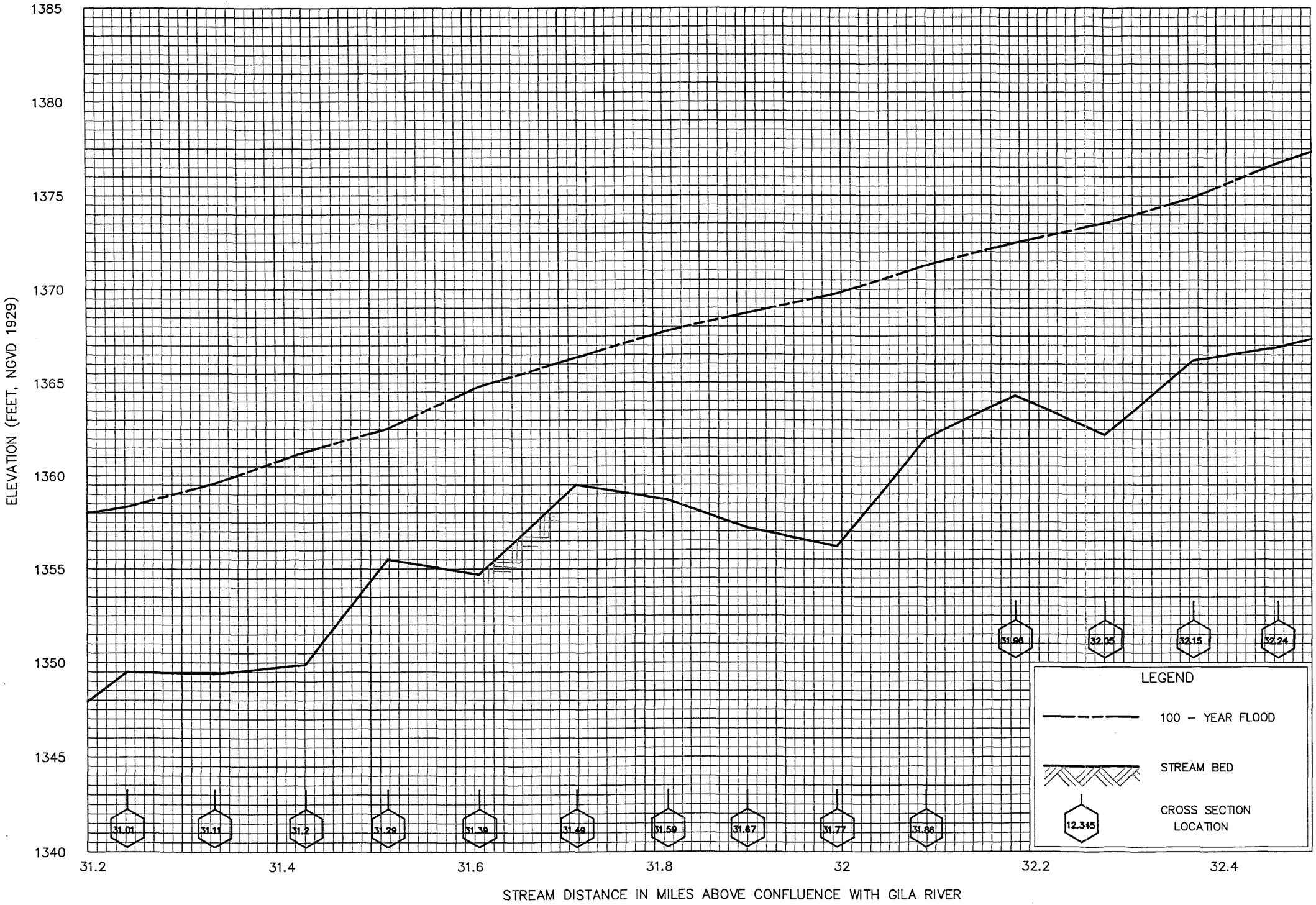


FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

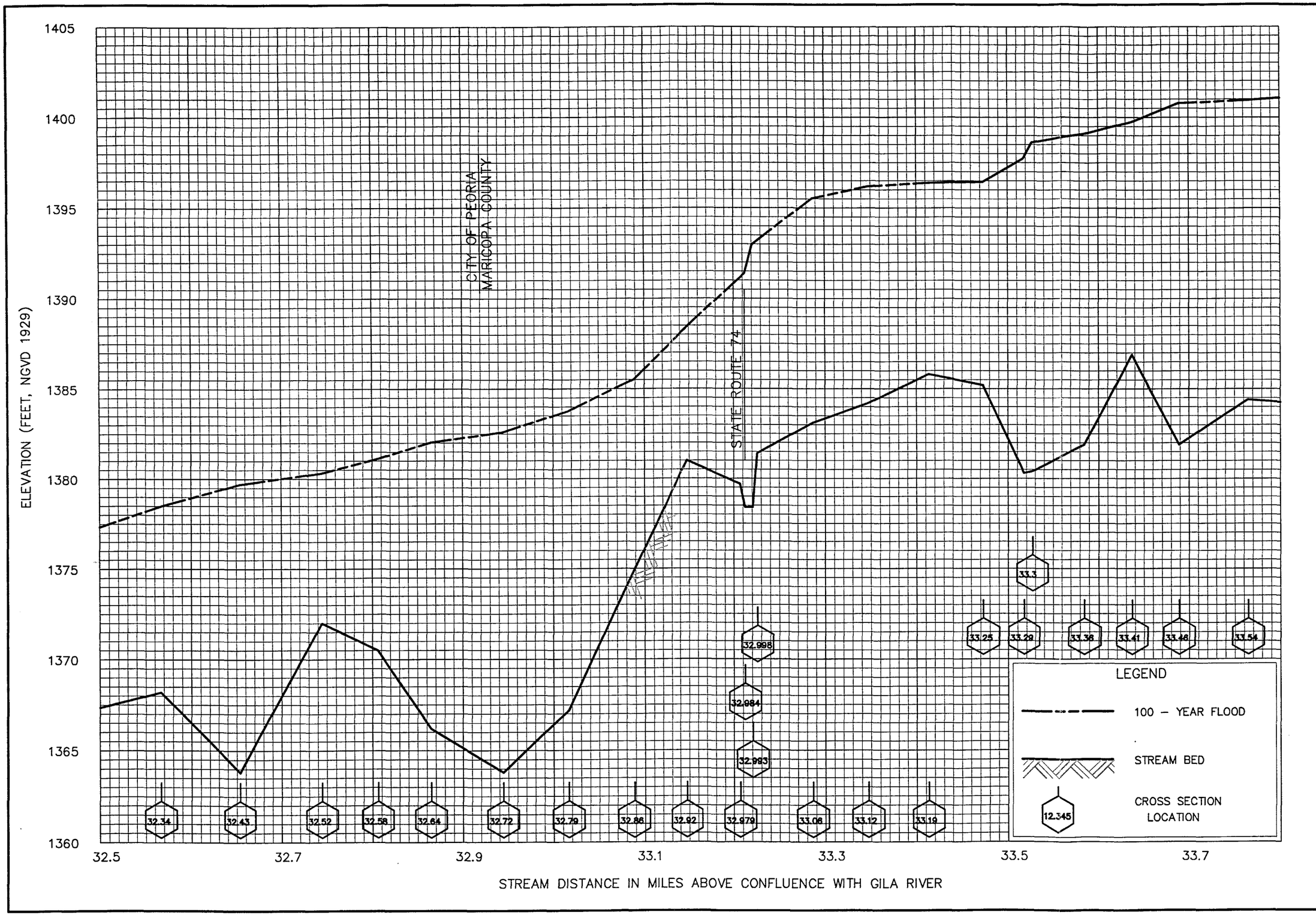


FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

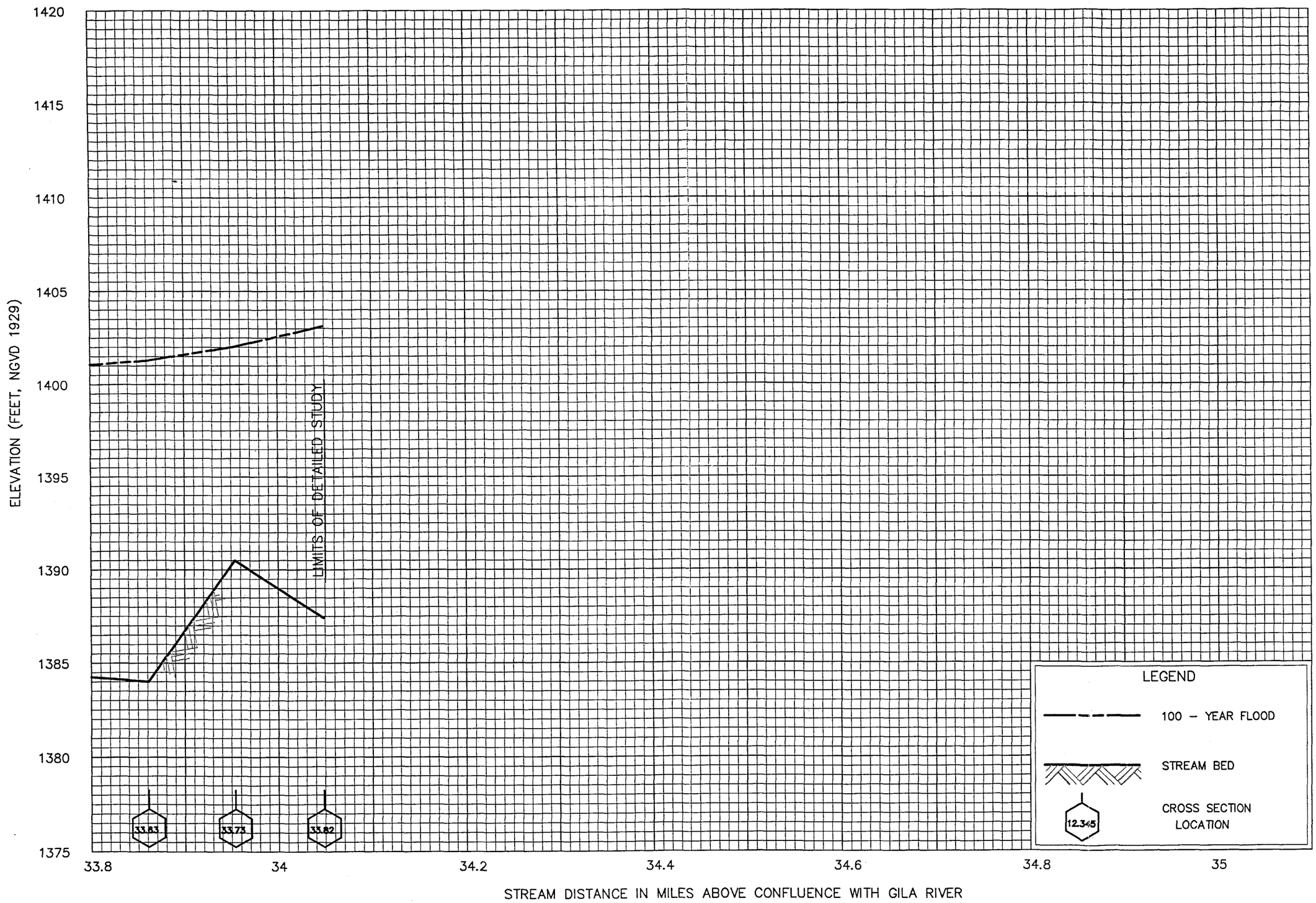


FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS



FLOOD PROFILES

AGUA FRIA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

SECTION IV

N VALUE DETERMINATION REPORT

AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY

Between the Gila River Confluence and the Outlet of the New Waddell Dam

FCDMC CONTRACT #95-05

N VALUE DETERMINATION REPORT

August 1996

Prepared for:

Flood Control District of Maricopa County
2801 W. Durango Street
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(602) 506-1501

Prepared by:

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4550 N. 12th Street
Phoenix, AZ 85014
(602) 264-6831
CVL # 95-0067-01

N:\950067\ADMIN\67-041RP.W61

CVL

AGUA FRIA RIVER FLOODPLAIN DELINEATION RE-STUDY N VALUE DETERMINATION REPORT

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1. Manning's N Value Determination

2. Photograph Index Map

3. Photographs of Selected Locations in the Study Area

I. Agua Fria River FDR Background

Coe & Van Loo Consultants, Inc., (CVL) has contracted with the Flood Control District of Maricopa County (FCDMC) to perform a Floodplain Delineation Re-Study (FDR) for the Agua Fria River located in Maricopa County, Arizona.

The project consists of floodplain and floodway delineation of approximately 34 river miles of the Agua Fria River from the Gila River confluence to the outlet of the New Waddell Dam. The U.S. Army Corps of Engineers (CORPS) has developed the hydrology for the Agua Fria River within the study area using the CORPS HEC-1 computer model. The hydrology has been revised by the CORPS from the currently effective Flood Insurance Study (FIS) to model the effect of the recently constructed New Waddell Dam. Backwater analysis has been conducted by CVL using the HEC-2 computer model to determine floodplain and floodway delineations for the 100-year peak flood. Refer to the Technical Data Notebook prepared for this study by Coe & Van Loo Consultants, Inc. for the technical documentation of this study.

As a part of the Agua Fria River FDR, the purpose of this *N Value Determination Report* is to document the assumptions made in the selection of n values used in the HEC-2 computer model. The n value selections are based on a compilation of field notes, photographs (included in the appendix of this report), and aerial photographs.

II. N Value Definition

The roughness coefficient (Manning's n value) in open channels represents the resistance to flow that is related to a variety of factors, such as vegetation, obstructions, and type of bed material, as described in reference 1. Determination of this resistance to flow for natural washes

requires judgement and expertise that is acquired primarily through experience. A description of some of the aspects in determining Manning's n value will be covered in this section.

The n value for a channel or floodplain is determined by evaluating the n value factors of the various components of the waterway. These components are the base n value (nb), the degree of irregularity and variations of channel cross section (n_1), relative effect of obstructions (n_2), vegetation (n_3), and degree of meandering (m). These components are used to calculate a composite n value using the following equation:

$$\text{n value} = (nb + n_1 + n_2 + n_3)m$$

The base n value reflects the type of bed material or surface roughness. This generally ranges from nb = 0.020 for earth to nb = 0.028 for coarse gravel material.

The degree of irregularity and variations of channel cross section consists of the degree of side slope erosion, and variations in cross section size and shape along the length of the channel. These variations may be noted by ridges, depressions, sand bars, and holes on the channel bed. The degree of irregularity ranges from smooth (n_1 = 0.000) to severe (n_1 = 0.080).

The relative effect of obstructions takes into account the presence and characteristics of obstructions within the waterway. Some of the obstructions may include debris deposits, stumps, exposed roots, logs, piers, and isolated boulders. These obstructions range from negligible (n_2 = 0.000) to severe (n_2 = 0.060), as the effect is increased.

Vegetation can have a large effect on the n value depending on the type and amount of vegetation, and the depth of flow. The range for vegetation is from small (n_3 = 0.002) to large (n_3 = 0.08).

The last component part of the total n value is the degree of meandering. The range for meandering is from minor (m = 1.00) to severe (m = 1.30). This factor is multiplied by the sum

of the other components to calculate the total n. For typical washes in Arizona, this factor is considered minor and will have little effect on the total n value. The Agua Fria River within this study has virtually no meandering, and therefore the factor m = 1.00.

III. N Value Determination for the Agua Fria River FDR

The Manning's n values used in this study were estimated by use of the following materials:

1. Stereo aerial photographs - 1:8333 contact prints prepared by Aerial Mapping Co., Inc. for Reach 2 (from Indian School Road to Jomax Road).
2. Aerial photographs - 1"=1200' prints prepared by Landiscor Aerial Photo Inc. of Arizona for Reach 1 (from the Gila River to Indian School Road) and Reach 3 (from Jomax Road to the New Waddell Dam).
3. Extensive field reconnaissance for the purposes of determining Manning's n value.
4. Photographs taken during field reconnaissance trips.
5. Reference documents as listed in the reference section.

The method of determining Manning's n values outlined in the previous section has been used for each reach of this study. The calculated Manning's n value was then reviewed and evaluated to see if it seemed reasonable for the wash section. Where the calculated n value did not seem reasonable, the components were re-evaluated and adjusted.

Throughout the study reach, there are many diverse conditions. Therefore this study utilizes a wide range of Manning's n values. Some examples of these conditions are as follows:

1. Agua Fria River - North of Gila River Floodplain

Both right and left overbanks are divided into two different n value regions to represent the desert vegetation and also the farmland. Within the farm regions, the primary crops are alfalfa and cotton. The high density of these crops occurring with relatively shallow depths of flow cause a high resistance to flow. Therefore, the n values for the farmland are estimated to be very high at 0.100. The n values for the desert overbanks range from 0.045 to 0.060. The channel is relatively clear of obstructions, with some vegetation. Therefore, the Manning's n value is estimated to be 0.035. See photograph number 1.

2. Agua Fria River - South of Indian School Road

There is no right or left overbank since the river is channelized, therefore, the channel and overbank n values are the same. The n value is estimated to be from 0.030 to 0.035. See photograph number 3.

3. Agua Fria - North of Bell Road

The channel is relatively clear of obstructions, although there is a moderate amount of vegetation (small trees intergrown with weeds and brush). The depth of flow in the overbanks is above the height of the vegetation. Therefore, Manning's n values are estimated to be 0.035 to 0.040 for the channel and 0.045 to 0.050 for the overbanks. See photograph number 10.

4. Agua Fria - South of Rose Garden Lane

There is some mining which occurs in the overbanks and channel. This will influence the degree of irregularity and relative effect of obstructions which will raise the n value. Therefore, Manning's n values are estimated to be 0.050 for the channel and 0.055 for the overbanks. See photograph number 11.

These examples illustrate the wide range of Manning's n values that occur throughout the study reach. The appendix includes Manning's n value determination worksheets throughout the study reach and photographs of selected locations.

IV. References

1. Thomsen, B.W., and Hjalmarson, H.W., *Estimated Manning's Roughness Coefficients for Stream Channels and Flood Plains in Maricopa County, Arizona*, prepared by the U.S. Geological Survey, Water Resources Division, prepared for the Flood Control District of Maricopa County, April 1991.
2. V.T. Chow, *Open Channel Hydraulics*, New York, McGraw-Hill, 1959.
3. Aldridge, B.N. and Garrett, J.M., *Roughness Coefficients for Streams in Arizona*, U.S. Geological Survey Open-File Report 78-3, 87 p., 1973.

APPENDIX

1. Manning's N-Value Determination

2. Photograph Index Map

3. Photographs of Selected Locations in the Study Area

AGUA FRIA RIVER
MANNING'S N VALUE DETERMINATION
(Page 1)

Reach (Section - Section)	Channel Portion	Base "n" (nb)	Degree of Irregularity & Variations of Channel Cross Section (n_1)	Relative Effect of Obstructions (n_2)	Vegetation (n_3)	Composite "n"
0.16 - 1.33	Channel	0.022	.008	0	.005	0.035
0.16 - 1.33	Left Overbank	0.020	0	0	.080	0.100
0.16 - 1.33	Left Overbank	0.022	.010	0	.013	0.045
0.16 - 1.33	Right Overbank	0.022	0	0	.028- .038	0.050- 0.060
0.16 - 1.33	Right Overbank	0.020	0	0	.080	0.100
Refer to Photograph Number 1						
1.40 - 2.51	Channel	.022	.003	0	.010	0.035
1.40 - 2.51	Left Overbank	.022	.005	0	.018	0.045
1.40 - 2.51	Right Overbank	.022	.005	0	.023	0.050
2.60 - 9.098	Channel	.022	.005 - .010	0	.003	.030- .035
2.60 - 9.098	Left Overbank	.022	.010	0	.008	.040
2.60 - 9.098	Right Overbank	.022	.010	0	.008	.040
Refer to Photograph Number 2 & 3						
9.198 - 10.265	Channel	.022	.010	0	.003	0.035
9.198 - 10.265	Left Overbank	.022	.015	.003	.010	0.050
9.198 - 10.265	Right Overbank	.022	.015	.003	.010	0.050
Refer to Photograph Number 4						

AGUA FRIA RIVER
MANNING'S N VALUE DETERMINATION
(PAGE 2)

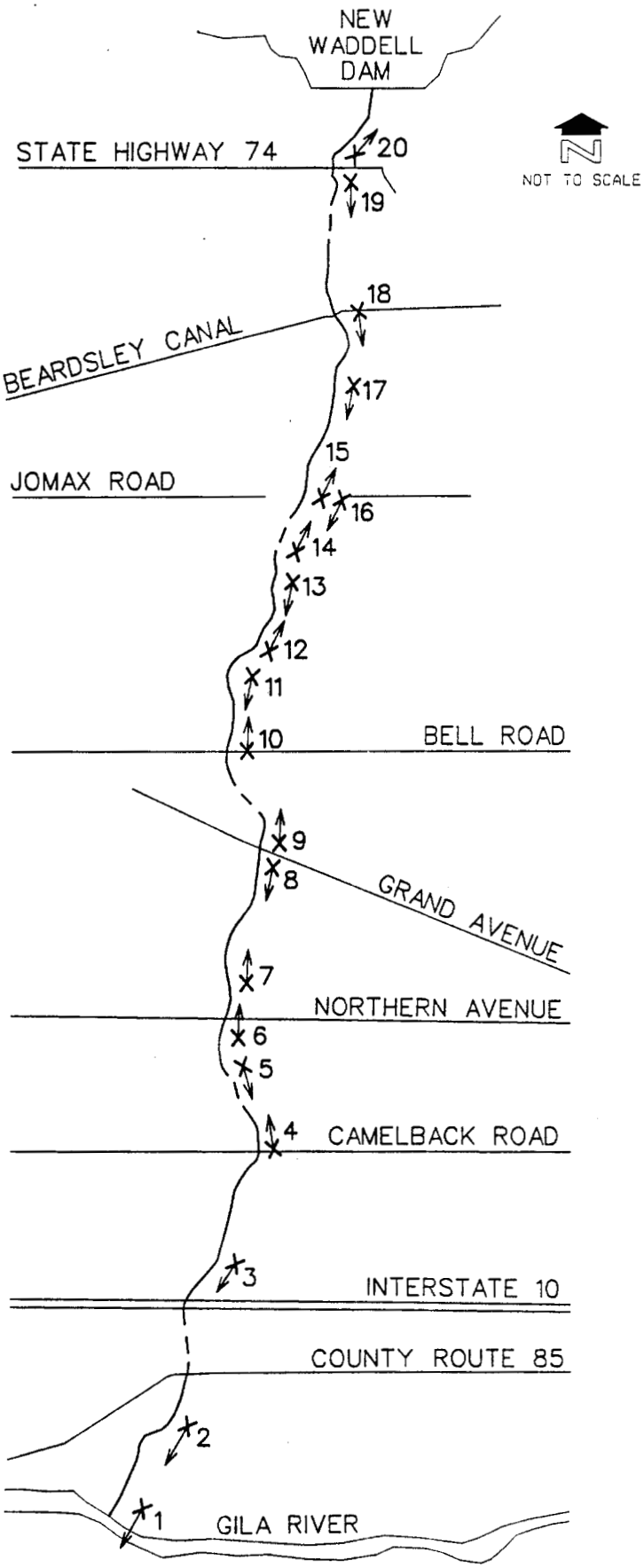
Reach (Section - Section)	Channel Portion	Base "n" (nb)	Degree of Irregularity & Variations of Channel Cross Section (n_1)	Relative Effect of Obstructions (n_2)	Vegetation (n_3)	Composite "n"
10.343 - 10.846	Channel	.024	.010	.003	.008	0.045
10.343 - 10.846	Left Overbank	.024	.013	.003	.010	0.050
10.343 - 10.846	Right Overbank	.024	.013	.003	.010	0.050
10.942 - 11.428	Channel	.024	.010	.003	0.008	.045
10.942 - 11.428	Left Overbank	.024	.013	.003	0.010	.050
10.942 - 11.428	Right Overbank	.024	.008	.003	0.060	.095
Refer to Photograph Number 5						
11.460 - 12.42	Channel	.024	.008	0	.003	.035
11.460 - 12.42	Left Overbank	.024	.080	.040	.006	.150
11.460 - 12.42	Right Overbank	.024	.013	0	.018	.055
Refer to Photograph Number 6						
12.47 - 16.514	Channel	.024	.006	0	.005	.035
12.47 - 16.514	Left Overbank	.024	.006	0	.010-.015	.040-.045
12.47 - 16.514	Right Overbank	.024	.006	0	.010-.015	.040-.045
Refer to Photograph Numbers 7 & 8						

AGUA FRIA RIVER
MANNING'S N VALUE DETERMINATION
(PAGE 3)

Reach (Section - Section)	Channel Portion	Base "n" (nb)	Degree of Irregularity & Variations of Channel Cross Section (n_1)	Relative Effect of Obstructions (n_2)	Vegetation (n_3)	Composite "n"
16.518 - 21.061	Channel	.024	.006	0	.005-.010	.035-.040
16.518 - 21.061	Left Overbank	.024	.006 - .011	.03	.012	.045-.050
16.518 - 21.061	Right Overbank	.024	.006 - .011	.03	.012	.045-.050
Refer to Photograph Numbers 9 & 10						
21.157 - 21.716	Channel	.025	.015	.005	.005	.050
21.157 - 21.716	Left Overbank	.025	.015	.005	.010	.055
21.157 - 21.716	Right Overbank	.025	.015	.005	.010	.055
Refer to Photograph Number 11						
21.798 - 23.881	Channel	.025	.003	0	.007	.035
21.798 - 23.881	Left Overbank	.025	.005 - .010	0	.015-.020	.045-.055
21.798 - 23.881	Right Overbank	.025	.005 - .010	0	.015-.020	.045-.055
Refer to Photograph Number 12						
23.974 - 24.067	Channel	.025	.010	0	.015	.050
23.974 - 24.067	Left Overbank	.025	.010	0	.020	.055
23.974 - 24.067	Right Overbank	.025	.010	0	.020	.055
Refer to Photograph Number 13						

AGUA FRIA RIVER
MANNING'S N VALUE DETERMINATION
(PAGE 4)

Reach (Section - Section)	Channel Portion	Base "n" (nb)	Degree of Irregularity & Variations of Channel Cross Section (n_1)	Relative Effect of Obstructions (n_2)	Vegetation (n_3)	Composite "n"
24.165 - 25.86	Channel	0.025	0 - .005	0	.005	.030-.035
24.165 - 25.86	Left Overbank	0.025	.005	0	.015-.020	.045-.050
24.165 - 25.86	Right Overbank	0.025	.005	0	.015-.020	.045-.050
Refer to Photograph Numbers 14, 15, 16						
25.94 - 27.30	Channel	0.025	.005	0	.005	.035
25.94 - 27.30	Left Overbank	0.025	.015	0	.020	.060
25.94 - 27.30	Right Overbank	0.025	.015 - .020	0	.020-.025	.065-.070
27.39 - 32.998	Channel	.025	.005 - .010	0	.005-.010	.035-.045
27.39 - 32.998	Left Overbank	.025	.005 - .010	0	.010-.020	.045-.055
27.39 - 32.998	Right Overbank	.025	.005 - .010	0	.010-.020	.050-.055
Refer to Photograph Numbers 17, 18, 19						
33.06 - 33.82	Channel	.025	.005	0	.020	.050
33.06 - 33.82	Left Overbank	.025	.005	0	.015	.045
33.06 -33.82	Right Overbank	.025	.005	0	.015	.045
Refer to Photograph 20						



FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

4 ↕ X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

N VALUE DETERMINATION REPORT

PHOTOGRAPH INDEX MAP

CVL COE & VAN LOO CONSULTANTS, INC.

N:\950067\HYDRO\EH01.DGN

LEFT OVERBANK

CHANNEL

RIGHT OVERBANK

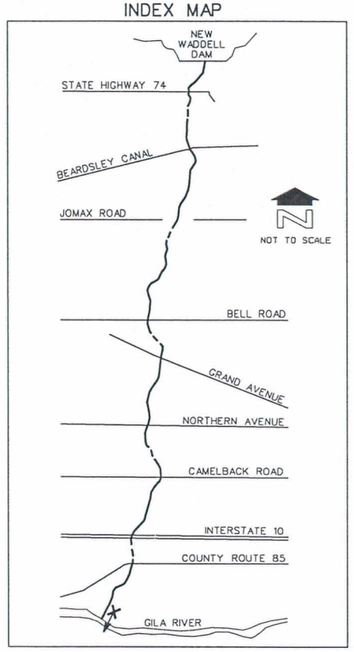
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 1
SOUTHERN AVENUE ALIGNMENT
LOOKING SOUTH

MANNING'S "N" VALUES

CHANNEL	0.035
LEFT OVERBANK	0.100
LEFT OVERBANK	0.045
RIGHT OVERBANK	0.050-0.060
RIGHT OVERBANK	0.100

CVL COE & VAN LOO CONSULTANTS, INC.

LEFT OVERBANK

CHANNEL

RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

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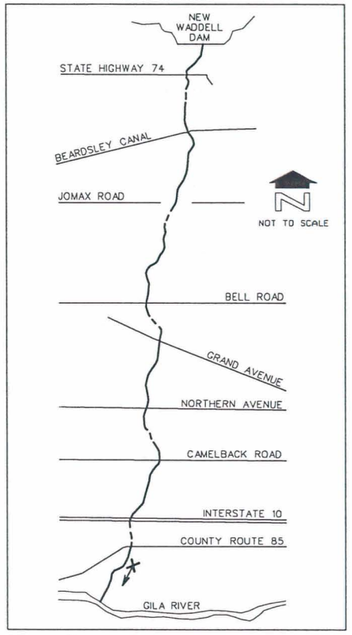

INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 2
LOWER BUCKEYE ROAD
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.030-0.035
LEFT OVERBANK	0.040
RIGHT OVERBANK	0.040

CVL COE & VAN LOO CONSULTANTS, INC.

LEFT OVERBANK | CHANNEL | RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

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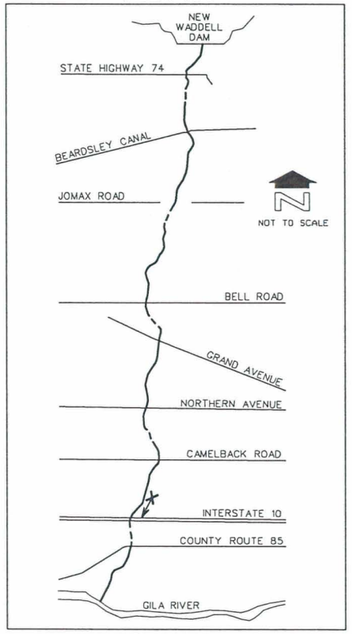

INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 3
McDOWELL ROAD
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.030-0.035
LEFT OVERBANK	0.040
RIGHT OVERBANK	0.040

CVL COE & VAN LOO CONSULTANTS, INC.

RIGHT OVERBANK CHANNEL

LEFT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

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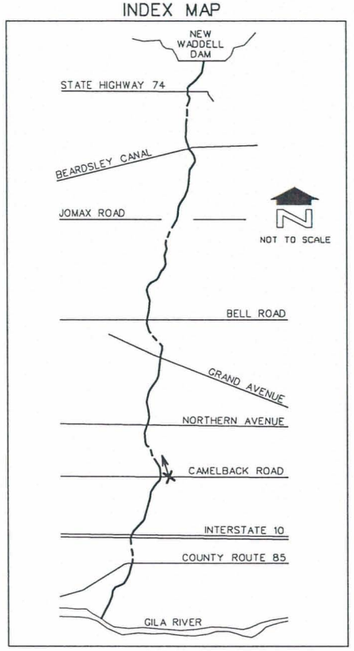

X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 4
CAMELBACK ROAD
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035
LEFT OVERBANK	0.050
RIGHT OVERBANK	0.050

CVL COE & VAN LOO CONSULTANTS, INC.

LEFT OVERBANK

CHANNEL

RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

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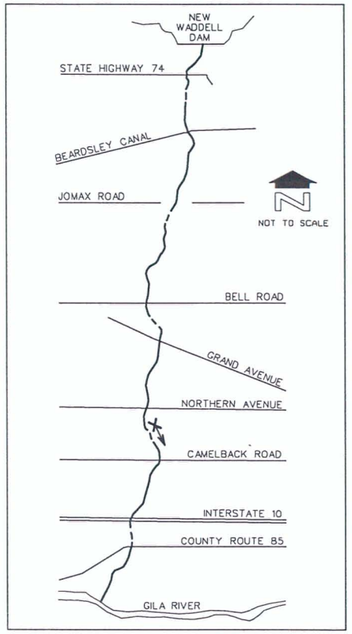

X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 5
GLENDALE AVENUE
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.045
LEFT OVERBANK	0.050
RIGHT OVERBANK	0.150

CVL COE & VAN LOO CONSULTANTS, INC.

RIGHT OVERBANK CHANNEL

LEFT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

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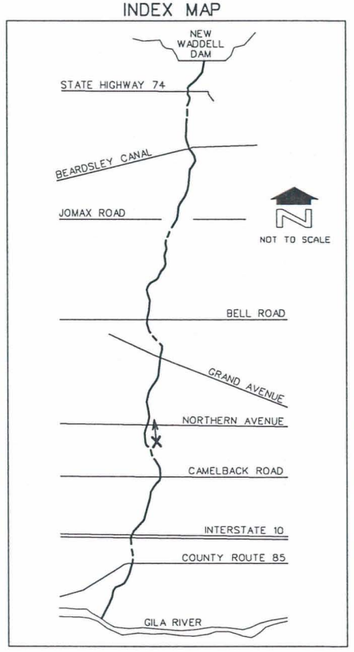


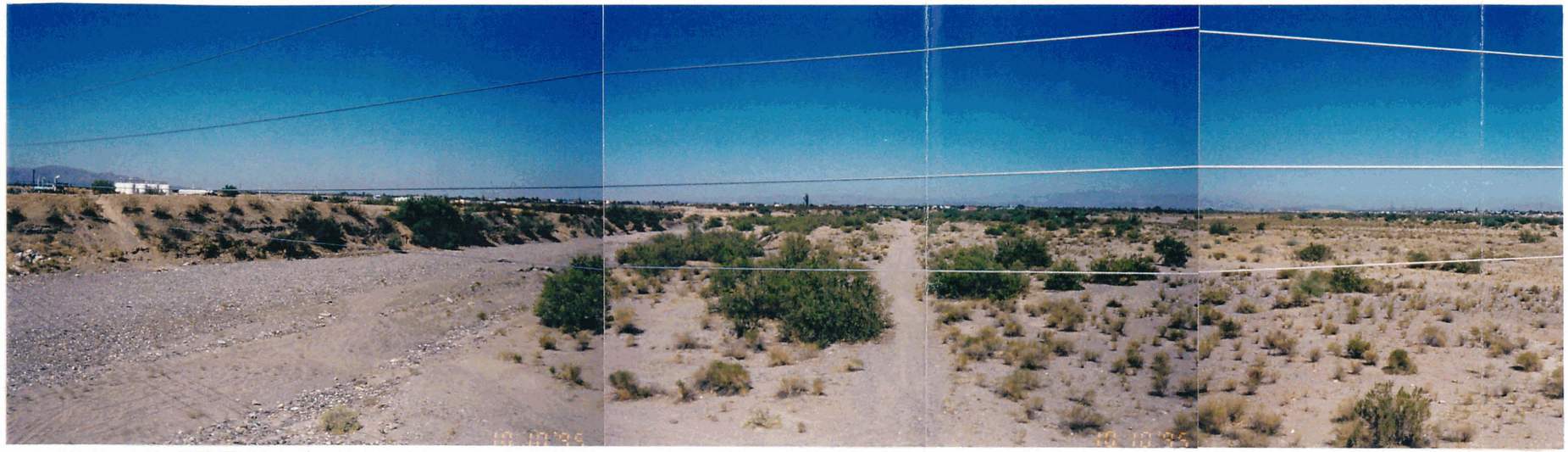
X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 6
GLENDALE AVENUE
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035
LEFT OVERBANK	0.045
RIGHT OVERBANK	0.055

CVL COE & VAN LOO CONSULTANTS, INC.



RIGHT OVERBANK | CHANNEL | LEFT OVERBANK

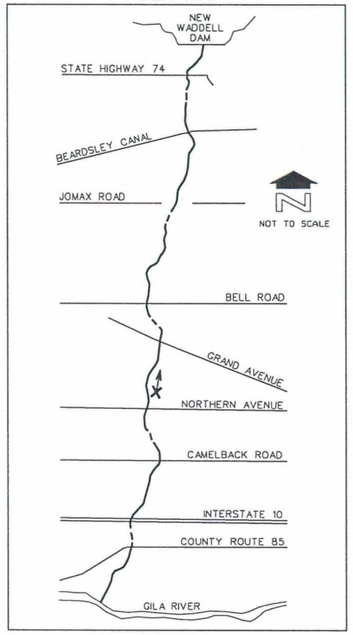
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 7
OLIVE AVENUE
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035
LEFT OVERBANK	0.040-0.045
RIGHT OVERBANK	0.040-0.045

CVL COE & VAN LOO CONSULTANTS, INC.

LEFT OVERBANK | CHANNEL | RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

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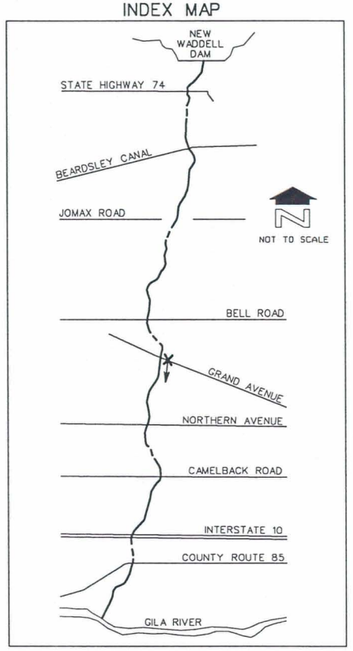


X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 8
GRAND AVENUE
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035
LEFT OVERBANK	0.040-0.045
RIGHT OVERBANK	0.040-0.045

CVL COE & VAN LOO CONSULTANTS, INC.

RIGHT OVERBANK CHANNEL LEFT OVERBANK

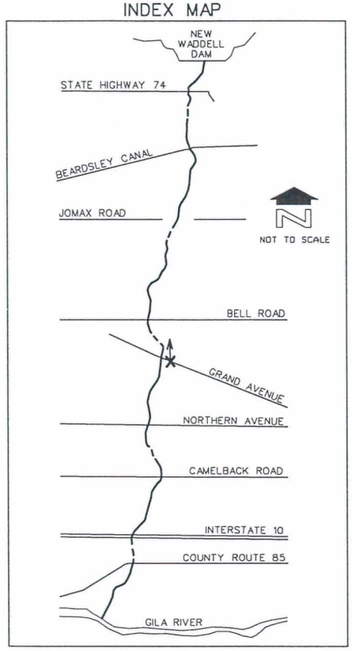
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 9
GRAND AVENUE
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035-0.040
LEFT OVERBANK	0.045-0.050
RIGHT OVERBANK	0.045-0.050

CVL COE & VAN LOO CONSULTANTS, INC.

RIGHT OVERBANK

CHANNEL

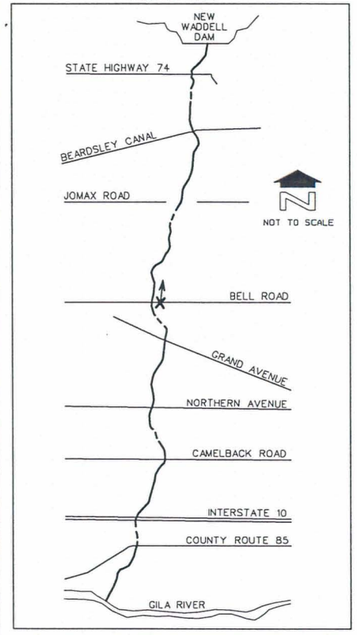
LEFT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



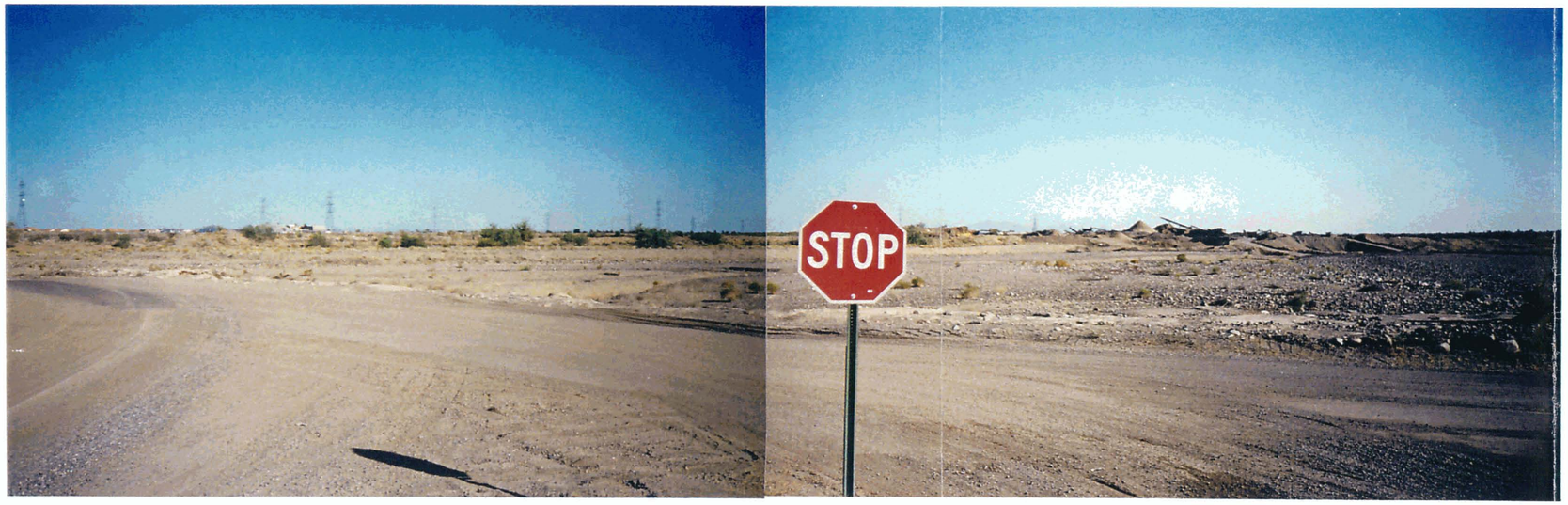
INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 10
BELL ROAD
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035-0.040
LEFT OVERBANK	0.045-0.050
RIGHT OVERBANK	0.045-0.050

COE & VAN LOO
CONSULTANTS, INC.



LEFT OVERBANK

CHANNEL

RIGHT OVERBANK

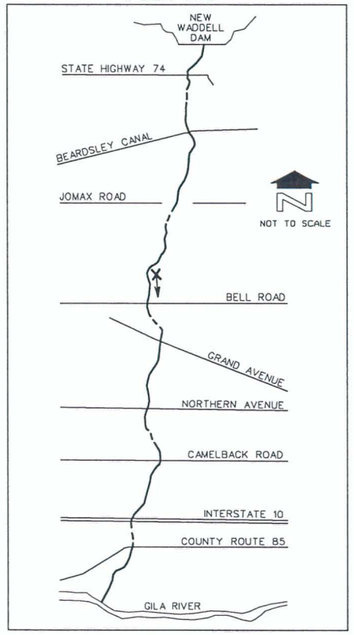
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 11
ROSE GARDEN LANE
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.050
LEFT OVERBANK	0.055
RIGHT OVERBANK	0.055

CVL COE & VAN LOO CONSULTANTS, INC.

RIGHT OVERBANK

CHANNEL

LEFT OVERBANK

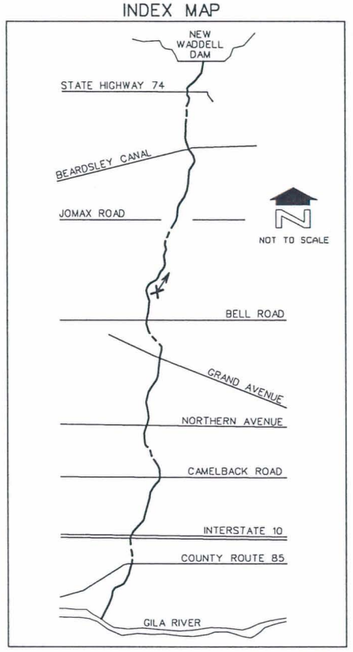
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 12
ROSE GARDEN LANE
LOOKING UPSTREAM

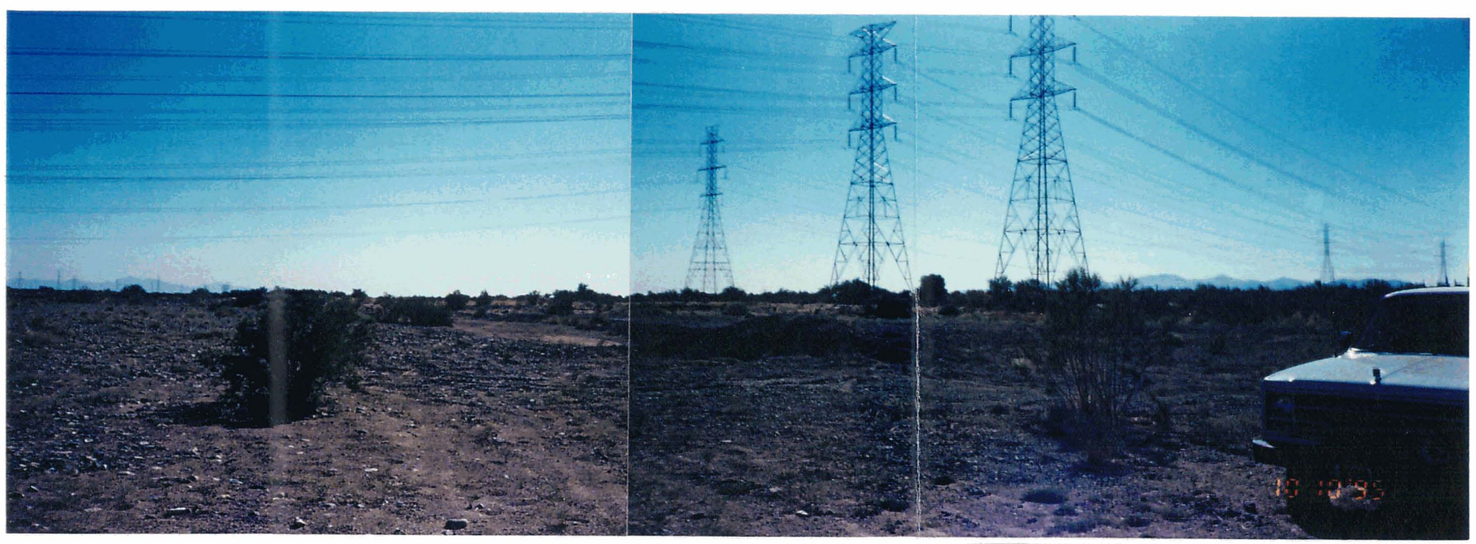
MANNING'S "N" VALUES

CHANNEL	0.035
LEFT OVERBANK	0.045-0.055
RIGHT OVERBANK	0.045-0.055

COE & VAN LOO
CONSULTANTS, INC.

LEFT OVERBANK

CHANNEL



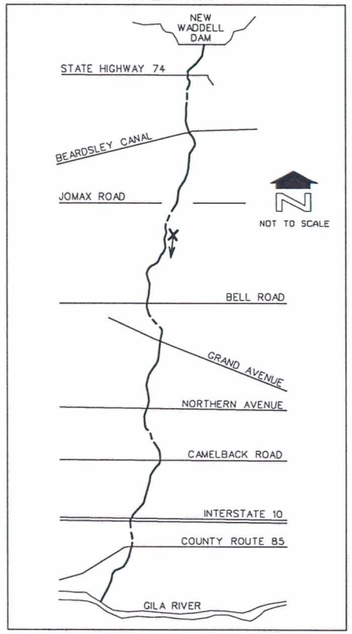
RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



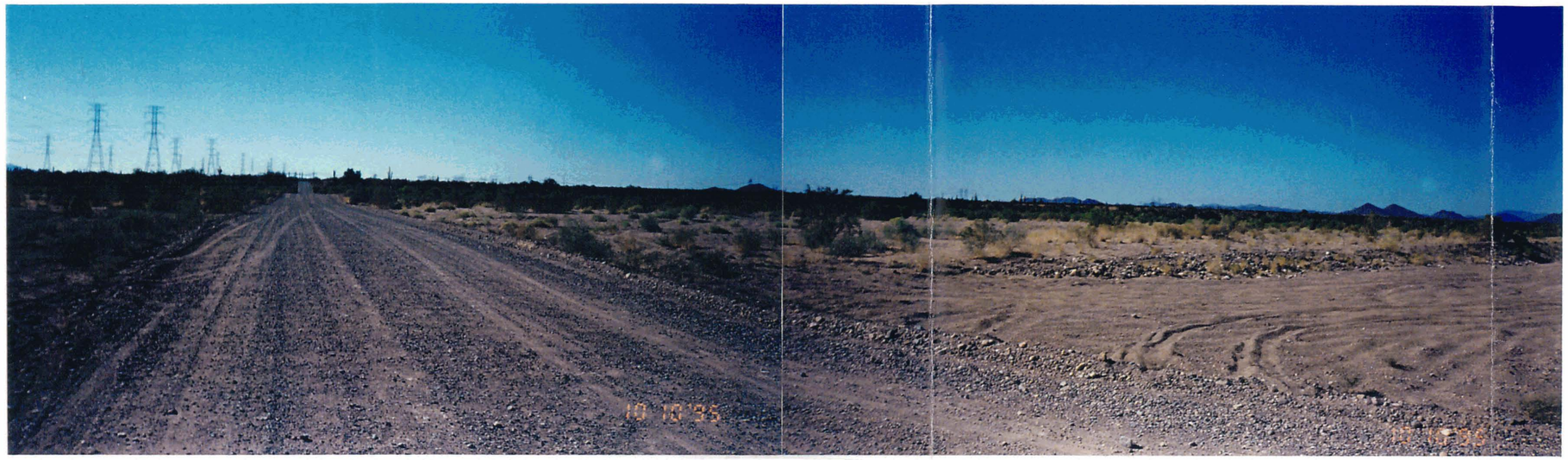
X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 13
HATFIELD ROAD
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.050
LEFT OVERBANK	0.055
RIGHT OVERBANK	0.055

CVL COE & VAN LOO CONSULTANTS, INC.



RIGHT OVERBANK

CHANNEL

LEFT OVERBANK

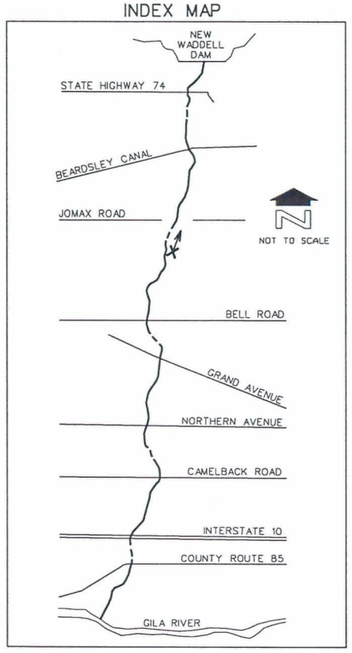
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 14
HATFIELD ROAD
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.030-0.035
LEFT OVERBANK	0.045-0.050
RIGHT OVERBANK	0.045-0.050

CVL COE & VAN LOO CONSULTANTS, INC.

RIGHT OVERBANK

CHANNEL

LEFT OVERBANK

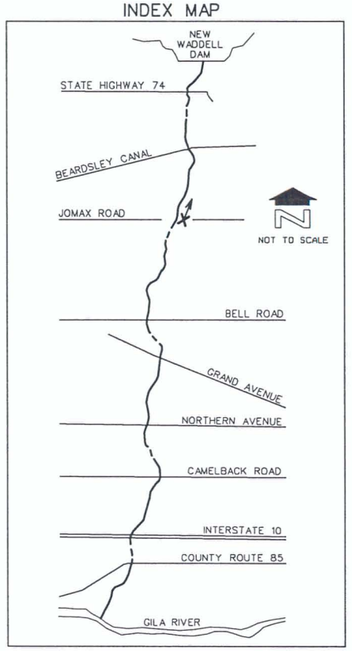
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 15
JOMAX ROAD
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.030-0.035
LEFT OVERBANK	0.045-0.050
RIGHT OVERBANK	0.045-0.050

CVL COE & VAN LOO CONSULTANTS, INC.

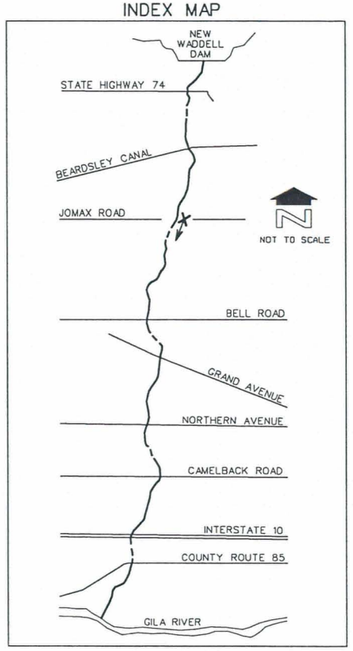
LEFT OVERBANK CHANNEL RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 16
JOMAX ROAD
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.030-0.035
LEFT OVERBANK	0.045-0.050
RIGHT OVERBANK	0.045-0.050

CVL COE & VAN LOO CONSULTANTS, INC.

LEFT OVERBANK | CHANNEL | RIGHT OVERBANK

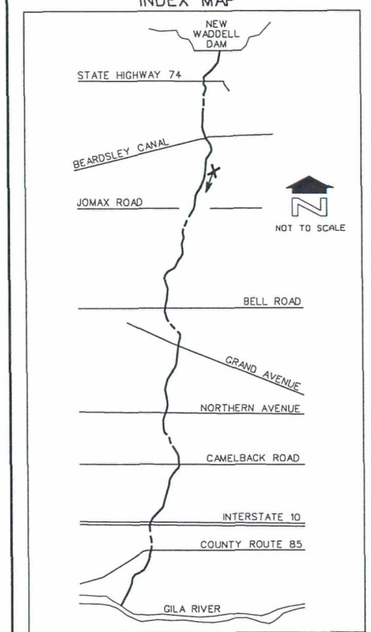
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY

FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 17
2 MILES NORTH OF JOMAX ROAD
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035-0.045
LEFT OVERBANK	0.045-0.055
RIGHT OVERBANK	0.050-0.055

CVL COE & VAN LOO CONSULTANTS, INC.

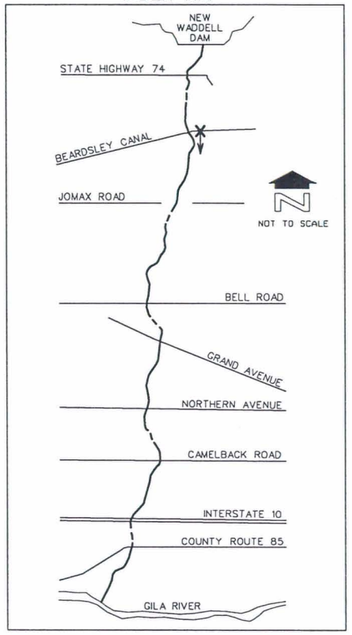
LEFT OVERBANK | CHANNEL | RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 18
BEARDSLEY CANAL
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035-0.045
LEFT OVERBANK	0.045-0.055
RIGHT OVERBANK	0.050-0.055

CVL COE & VAN LOO CONSULTANTS, INC.

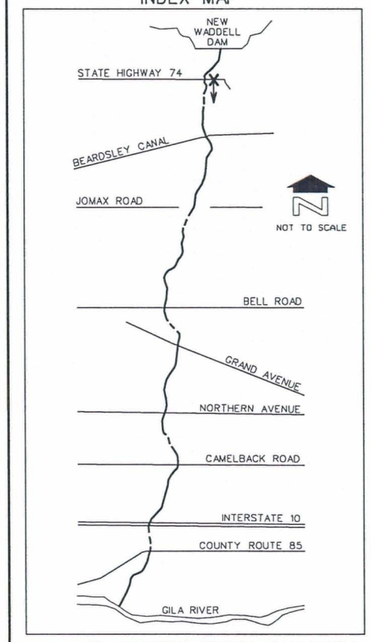
LEFT OVERBANK | CHANNEL | RIGHT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



X INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 19
STATE HIGHWAY 74
LOOKING DOWNSTREAM

MANNING'S "N" VALUES

CHANNEL	0.035-0.045
LEFT OVERBANK	0.045-0.055
RIGHT OVERBANK	0.050-0.055

CVL COE & VAN LOO CONSULTANTS, INC.

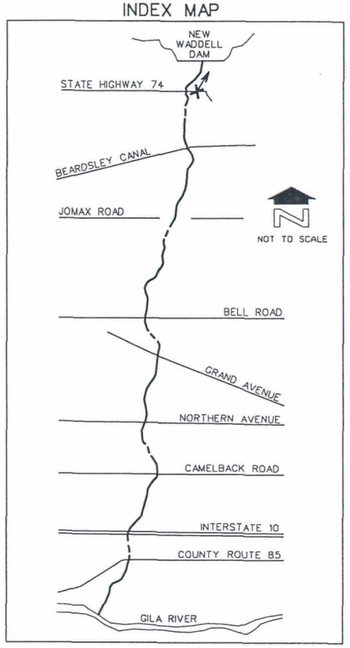
RIGHT OVERBANK | CHANNEL | LEFT OVERBANK

FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
FLOOD DELINEATION RE-STUDY OF

AGUA FRIA RIVER

F.C.D. CONTRACT NO. 95-5

INDEX MAP



INDICATES APPROXIMATE LOCATION & DIRECTION OF PHOTOGRAPH

PHOTOGRAPH NUMBER 20
STATE HIGHWAY 74
LOOKING UPSTREAM

MANNING'S "N" VALUES

CHANNEL	0.050
LEFT OVERBANK	0.045
RIGHT OVERBANK	0.045

CVL COE & VAN LOO CONSULTANTS, INC.

SECTION V

MORGAN CITY WASH HYDRAULICS

```
*******************************************
*  HEC-2 WATER SURFACE PROFILES           *
*                                         *
*  Version   4.6.0;  February 1991        *
*                                         *
*  RUN DATE    20JUL96    TIME   11:52:00 *
*******************************************
```

```
****************************************
*  U.S. ARMY CORPS OF ENGINEERS        *
*  HYDROLOGIC ENGINEERING CENTER       *
*  609 SECOND STREET, SUITE D          *
*  DAVIS, CALIFORNIA 95616-4687        *
*          (916) 756-1104              *
****************************************
```

```
X     X  XXXXXXX   XXXXX              XXXXX
X     X  X        X     X            X     X
X     X  X        X                        X
XXXXXXX  XXXX     X          XXXXX    XXXXX
X     X  X        X                  X
X     X  X        X     X            X
X     X  XXXXXXX   XXXXX             XXXXXXX
```

THIS RUN EXECUTED 20JUL96 11:52:00

```
************************************
 HEC-2 WATER SURFACE PROFILES

 Version   4.6.0;  February 1991
************************************


T3      MORGAN CITY WASH        TRIBUTARY TO AGUA FRIA RIVER

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      0         2         0         0         0         0                   0   1399.74         0

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

      1         0        -1                            0        -1         0         0         15


J3  VARIABLE CODES FOR SUMMARY PRINTOUT

     38        43         1         8         3         2        26         5        39        53
      4        54        37                  200

    .045      .045      .050        .1        .3
      2     19000     19000
ET  33.41
X1  33.41      12.0      9944     10366         0         0         0
GR  1448.1    9750.0    1426.7    9864.0    1408.3    9944.0    1386.9   10000.0    1389.1   10157.0
GR  1406.8   10366.0    1404.5   10483.0    1409.5   10576.0    1422.7   10626.0    1423.4   10668.0
GR  1433.5   10685.0    1437.7   10687.0

NC    .085      .085      .065       0.4       0.8
QT      2     14400     14400
X1  0.103        18      9945     10100       480       320       400
GR   1416      9620      1412      9710      1411      9915      1408      9945      1404      9955
GR   1400      9970      1396      9985      1395      9995      1395     10000      1395     10010
GR   1396     10020      1400     10060      1404     10100      1408     10165      1408     10190
GR   1412     10230      1416     10245      1420     10260

ET                         4.1      9898     10142
X1  0.141        37    9979.9   10009.4       200       160       200
GR   1424      9680    1423.5      9697      1423      9714     1422.      9730.     1420.      9770.
GR  1418.4    9785.9    1416.3    9790.1    1415.3    9818.6    1414.5    9832.7    1414.1    9842.8
GR  1414.5    9848.6    1413.3    9866.8    1412.7    9879.3    1411.0    9896.1    1409.6    9912.3
GR  1406.0    9919.2    1404.7    9924.2    1405.5    9938.4    1407.1    9947.8    1404.3    9958.3
GR  1404.0    9969.6    1406.7    9976.8    1398.1    9979.9    1398.4    9985.9    1397.9   10000.0
GR  1402.3   10009.4    1403.3   10028.1    1409.1   10036.2    1409.8   10057.7    1410.9   10067.0
GR  1410.5   10077.5    1411.3   10096.1    1412.1   10110.7    1415.8   10126.8     1422.    10150.
GR   1422.    10200.      1424     10210
```

```
ET                          4.1      9872     10165
X1    0.161        12     9978.8   10021.3     125.      70.      104.
X3       10                                                     1421.    1421.
GR     1427      9840      1420      9880     1413.    9920.    1412.8   9978.8   1402.8   9978.8
GR   1402.8   10021.3    1412.8   10021.3     1413.   10120.     1415.   10145.    1420.   10240.
GR    1424.    10275.      1425     10278

SB     1.25      1.56      2.70               42.5      2.5      400.       0.   1403.6   1402.8
ET                          4.1      9868     10150
X1    0.177        13     9978.8   10021.3      88.      88.       88.
X2                            1    1413.6     1422.
X3       10                                                     1422.    1422.
BT       11      9840.     1431.     1431.     9890.    1428.     1423.   9965.    1424.    1415.
BT   9978.8      1423.    1413.6   10021.3    1422.5   1413.6   10060.    1422.    1415.   10225.
BT    1422.      1422.    10240.     1422.     1422.   10275.     1424.    1424.   10280.    1428.
BT    1428.    10290.      1432.     1432.
GR    1431.      9840.     1423.     9890.     1415.    9965.    1413.6   9978.8   1403.6   9978.8
GR   1403.6   10021.3    1413.6   10021.3     1415.   10060.     1422.   10225.    1422.   10240.
GR    1424.    10275.     1428.    10280.     1432.   10290.

ET                          4.1      9884     10114
        OLD LAKE PLEASANT ACCESS RD APPX RM. 0.169
X1    0.187        27     9989.5   10069.      31.      71.       51.
GR   1433.4    9847.2    1432.5    9851.7    1431.5    9856.1   1430.6   9860.6   1427.4   9881.9
GR   1424.1    9892.7    1421.3    9904.2    1418.4    9916.4   1413.3   9930.3   1412.9   9940.0
GR   1409.3    9957.0    1408.6    9965.0    1408.3    9978.1   1407.2   9989.5   1405.1  10000.0
GR   1404.4   10017.7    1402.9   10030.3    1402.9   10034.5   1406.0  10045.0   1406.4  10051.2
GR   1406.8   10060.0    1407.5   10069.0    1413.8   10080.5   1419.9  10089.9   1424.8  10105.2
GR   1428.6   10122.8    1432.1   10139.0

NC                        0.100
ET                          4.1      9950     10064
X1    0.278        14     9965.0   10046.5     492      465      484
GR   1444.8    9925.4    1438.7    9937.3    1430.0    9948.0   1420.8   9953.8   1416.3   9965.0
GR   1411.3    9980.4    1409.9    9988.3    1410.2   10000.0   1418.7  10046.5   1427.1  10062.5
GR   1431.7   10076.2    1434.1   10097.1    1436.1   10112.9   1434.1  10136.7

ET                          4.1      9909     10025
X1    0.375        29     9965.6    9990.7     500      518      509
GR   1457.2    9832.1    1456.3    9859.1    1454.8    9866.9   1452.7   9873.7   1447.3   9884.8
GR   1444.8    9898.7    1442.2    9905.5    1433.1    9921.6   1425.2   9926.3   1428.9   9932.7
GR   1429.7    9937.3    1438.0    9948.7    1439.2    9952.5   1433.9   9961.0   1428.7   9965.6
GR   1428.2    9971.1    1424.7    9981.2    1419.0    9984.8   1416.6   9990.7   1439.7  10010.1
GR   1442.2   10020.3    1439.8   10024.4    1447.3   10033.7   1451.8  10049.8   1453.7  10065.4
GR   1455.5   10084.5    1457.3   10097.9    1457.6   10115.8   1455.5  10124.9

NC    0.100     0.100
ET                          4.1      9953     10259
X1    0.460        11     9978.1   10240.5     418      510      445
GR   1468.6    9880.4    1467.9    9902.3    1464.9    9917.5   1436.7   9978.1   1428.2  10000.0
GR   1441.3   10161.9    1441.2   10180.2    1440.3   10220.3   1443.3  10240.5   1449.7  10264.9
GR   1452.6   10276.7
```

ET			4.1	9951	10137					
X1	0.548	10	9958.3	10128.7	516	268	468			
GR	1459.9	9935.2	1458.0	9938.4	1456.1	9941.6	1454.2	9944.8	1448.3	9958.3
GR	1443.9	9962.9	1441.9	10000.0	1441.8	10018.8	1446.9	10128.7	1460.9	10152.2

```
 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


*PROF 1

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS



CCHV=     .100 CEHV=     .300
*SECNO 33.410
   33.410     12.84   1399.74   1395.03   1399.74   1400.49       .75       .00       .00   1408.30
  19000.0        .0   19000.0       .0       .0    2727.3        .0       .0        .0   1406.80
     .00       .00      6.97       .00      .000      .050      .000      .000   1386.90   9966.40
 .003144        0.        0.        0.         0        13         0       .00    316.24  10282.64


FLOW DISTRIBUTION FOR SECNO=     33.41          CWSEL=   1399.74

STA=    9966.   10366.
  PER Q=    100.0
   AREA=   2727.3
    VEL=      7.0
  DEPTH=      8.6

CCHV=     .400 CEHV=     .800
*SECNO  .103

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
     .103     10.69   1405.69   1405.69       .00   1408.91      3.22      2.54      1.97   1408.00
  14400.0        .0   14335.0      65.0        .0     993.5      23.2      17.2       2.2   1404.00
     .01       .00     14.43      2.81      .000      .065      .085      .000   1395.00   9950.78
 .032334      480.      400.      320.         0        15         0       .00    176.67  10127.45


FLOW DISTRIBUTION FOR SECNO=       .10          CWSEL=   1405.69

STA=    9951.   10100.   10127.
  PER Q=     99.5       .5
   AREA=    993.5     23.2
    VEL=     14.4      2.8
  DEPTH=      6.7       .8
```

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO .141
7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

.141	14.64	1412.54	1412.54	.00	1415.42	2.88	4.74	.14	1398.10
14400.0	4286.4	7138.8	2974.8	530.8	405.6	382.8	22.3	3.1	1402.30
.01	8.08	17.60	7.77	.085	.065	.085	.000	1397.90	9880.88
.018809	200.	200.	160.	0	11	0	.00	231.74	10112.62

FLOW DISTRIBUTION FOR SECNO= .14 CWSEL= 1412.54

STA=	9881.	9924.	9938.	9948.	9958.	9970.	9977.	9980.	10009.	10028.	10058.	10113.
PER Q=	4.8	6.7	3.3	4.2	6.5	3.1	1.2	49.6	13.8	4.9	1.9	
AREA=	116.7	105.7	58.7	71.8	94.8	51.8	31.4	405.6	182.1	117.8	82.9	
VEL=	5.9	9.1	8.1	8.4	9.9	8.5	5.5	17.6	10.9	6.0	3.4	
DEPTH=	2.7	7.4	6.2	6.8	8.4	7.2	10.1	13.7	9.7	4.0	1.5	

*SECNO .161

3301 HV CHANGED MORE THAN HVINS

MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1421.00 ELREA= 1421.00

.161	15.22	1418.02	1418.02	.00	1425.72	7.69	2.80	3.85	1412.80
14400.0	.0	14400.0	.0	.0	646.9	.0	24.7	3.4	1412.80
.01	.00	22.26	.00	.000	.065	.000	.000	1402.80	9978.80
.042029	125.	104.	70.	0	8	0	.00	42.50	10021.30

FLOW DISTRIBUTION FOR SECNO= .16 CWSEL= 1418.02

STA=	9979.	10021.
PER Q=	100.0	
AREA=	646.9	
VEL=	22.3	
DEPTH=	15.2	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

5227 DOWNSTREAM ELEV IS 1415.43 , NOT 1418.02 HYDRAULIC JUMP OCCURS DOWNSTREAM (IF LOW FLOW CONTROLS)

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.56	2.70	.00	42.50	2.50	400.00	.00	1403.60	1402.80

*SECNO .177

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 4.44

PRESSURE AND WEIR FLOW, Weir Submergence Based on TRAPEZOIDAL Shape

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
1449.41	1425.72	.00	6997.	7420.	400.	400.	1413.60	1422.00	357.

.177	22.38	1425.98	.00	.00	1426.36	.37	.64	.00	1413.60
14400.0	2237.6	6170.5	5991.9	713.1	951.4	1854.2	28.9	3.9	1413.60
.02	3.14	6.49	3.23	.085	.065	.085	.000	1403.60	9871.34
.002133	88.	88.	88.	2	0	5	.00	406.14	10277.48

FLOW DISTRIBUTION FOR SECNO= .18 CWSEL= 1425.98

STA=	9871.	9890.	9965.	9979.	10021.	10060.	10225.	10240.	10275.	10277.
PER Q=	.2	10.7	4.6	42.9	13.1	26.5	.8	1.2	.0	
AREA=	27.9	523.9	161.3	951.4	452.2	1235.2	59.8	104.5	2.5	
VEL=	1.0	2.9	4.1	6.5	4.2	3.1	2.0	1.7	.7	
DEPTH=	1.5	7.0	11.7	22.4	11.7	7.5	4.0	3.0	1.0	

*SECNO .187

OLD LAKE PLEASANT ACCESS RD APPX RM. 0.169

.187	23.16	1426.06	1414.43	.00	1426.44	.39	.08	.01	1407.20
14400.0	4112.9	9432.2	854.9	1218.8	1657.2	324.2	32.9	4.3	1407.50
.02	3.37	5.69	2.64	.085	.065	.085	.000	1402.90	9886.29
.001095	31.	51.	71.	3	11	0	.00	224.74	10111.03

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= .19 CWSEL= 1426.06

STA=	9886.	9930.	9957.	9965.	9978.	9990.	10069.	10081.	10111.
PER Q=	3.9	8.9	3.6	6.3	5.8	65.5	4.0	1.9	
AREA=	262.5	380.0	136.9	230.7	208.7	1657.2	177.2	147.0	
VEL=	2.2	3.4	3.8	3.9	4.0	5.7	3.3	1.9	
DEPTH=	6.0	14.2	17.1	17.6	18.3	20.8	15.4	4.8	

*SECNO .278

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .24

.278	17.22	1427.12	1423.21	.00	1429.11	1.99	1.38	1.28	1416.30
14400.0	962.5	13046.8	390.7	108.5	1124.2	67.5	57.9	6.1	1418.70
.03	8.87	11.61	5.79	.085	.100	.085	.000	1409.90	9949.82
.018943	492.	484.	465.	2	11	0	.00	112.73	10062.55

DISTRIBUTION FOR SECNO= .28 CWSEL= 1427.12

STA=	9950.	9954.	9965.	10047.	10063.
PER Q=	.3	6.4	90.6	2.7	
AREA=	12.6	95.9	1124.2	67.5	
VEL=	3.4	9.6	11.6	5.8	
DEPTH=	3.2	8.6	13.8	4.2	

*SECNO .375

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

.375	23.55	1440.15	1438.52	.00	1443.48	3.33	13.30	1.07	1428.70
14400.0	4600.4	6676.9	3122.6	379.0	400.7	233.6	71.4	7.4	1416.60
.04	12.14	16.66	13.37	.085	.100	.085	.000	1416.60	9909.11
.038477	500.	509.	518.	2	11	0	.00	103.93	10024.85

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= .38 CWSEL= 1440.15

STA=	9909.	9926.	9933.	9937.	9949.	9966.	9991.	10010.	10025.
PER Q=	6.1	10.1	5.8	5.1	4.9	46.4	21.7	.0	
AREA=	95.8	83.9	50.0	71.9	77.4	400.7	233.0	.6	
VEL=	9.2	17.3	16.7	10.2	9.1	16.7	13.4	1.1	
DEPTH=	5.6	13.1	10.9	6.3	4.6	16.0	12.0	.0	

*SECNO .460

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 3.27

.460	19.94	1448.14	1439.86	.00	1448.46	.32	3.77	1.21	1436.70
14400.0	375.6	13954.1	70.3	140.8	3063.4	44.8	93.2	9.5	1443.30
.07	2.67	4.56	1.57	.100	.100	.100	.000	1428.20	9953.50
.003590	418.	445.	510.	4	8	0	.00	305.47	10258.97

DISTRIBUTION FOR SECNO= .46 CWSEL= 1448.14

STA=	9954.	9978.	10241.	10259.
PER Q=	2.6	96.9	.5	
AREA=	140.8	3063.4	44.8	
VEL=	2.7	4.6	1.6	
DEPTH=	5.7	11.7	2.4	

*SECNO .548

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .33

.548	9.87	1451.67	1449.84	.00	1453.41	1.75	3.81	1.15	1448.30
14400.0	47.0	14269.6	83.5	13.0	1339.4	19.1	118.0	12.1	1446.90
.08	3.62	10.65	4.38	.100	.100	.100	.000	1441.80	9950.60
.033384	516.	468.	268.	3	18	0	.00	186.10	10136.70

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= .55 CWSEL= 1451.67

STA=	9951.	9958.	10129.	10137.
PER Q=	.3	99.1	.6	
AREA=	13.0	1339.4	19.1	
VEL=	3.6	10.7	4.4	
DEPTH=	1.7	7.9	2.4	

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      FLOOD CONTROL DISTRICT OF MARICOPA COUNTY       7/20/96  FILE:  MORTRIB
T2     100-YEAR FLOOD DELINEATION STUDY ***ENCR BY METHOD      ONE     ***
T3     MORGAN CITY WASH        TRIBUTARY TO AGUA FRIA RIVER

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ

      0        3        0        0        0        0       .5       0     1399.74     0

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE

     15        0       -1                         0       -1       0        0        15
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS

CCHV= .100 CEHV= .300
*SECNO 33.410

33.410	12.84	1399.74	1395.03	1399.74	1400.49	.75	.00	.00	1408.30
19000.0	.0	19000.0	.0	.0	2727.3	.0	.0	.0	1406.80
.00	.00	6.97	.00	.000	.050	.000	.000	1386.90	9966.40
.003144	0.	0.	0.	0	13	0	.00	316.24	10282.64

FLOW DISTRIBUTION FOR SECNO= 33.41 CWSEL= 1399.74

STA= 9966. 10366.
PER Q= 100.0
AREA= 2727.3
VEL= 7.0
DEPTH= 8.6

CCHV= .400 CEHV= .800
*SECNO .103

1645 INT SEC ADDED BY RAISING SEC .10, -6.075 FT AND MULTIPLYING BY 2.309

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .63

1.010	11.26	1400.18	1397.05	.00	1400.96	.78	.45	.02	1401.93
17850.0	.0	17699.6	150.4	.0	2487.2	94.8	6.1	.8	1397.93
.00	.00	7.12	1.59	.000	.065	.085	.000	1388.93	10380.50
.007054	120.	100.	80.	3	14	0	.00	432.09	10812.59

FLOW DISTRIBUTION FOR SECNO= 1.01 CWSEL= 1400.18

STA=	10380.	10728.	10813.
PER Q=	99.2	.8	
AREA=	2487.2	94.8	
VEL=	7.1	1.6	
DEPTH=	7.2	1.1	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

1645 INT SEC ADDED BY RAISING SEC 1.01, 2.025 FT AND MULTIPLYING BY .811

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .61

1.020	10.10	1401.05	1399.64	.00	1402.55	1.50	1.02	.57	1403.95
16700.0	.0	16672.0	28.0	.0	1697.7	18.5	11.0	1.7	1399.95
.01	.00	9.82	1.51	.000	.065	.085	.000	1390.95	10242.14
.016500	120.	100.	80.	2	15	0	.00	310.29	10552.44

FLOW DISTRIBUTION FOR SECNO= 1.02 CWSEL= 1401.05

STA=	10242.	10519.	10552.
PER Q=	99.8	.2	
AREA=	1697.7	18.5	
VEL=	9.8	1.5	
DEPTH=	6.1	.6	

1645 INT SEC ADDED BY RAISING SEC 1.02, 2.025 FT AND MULTIPLYING BY .767

3301 HV CHANGED MORE THAN HVINS

1.030	9.96	1402.93	1402.38	.00	1405.25	2.32	2.04	.66	1405.98
15550.0	.0	15531.5	18.5	.0	1270.7	10.7	14.4	2.3	1401.98
.01	.00	12.22	1.73	.000	.065	.085	.000	1392.98	10097.73
.026402	120.	100.	80.	2	11	0	.00	234.00	10331.72

FLOW DISTRIBUTION FOR SECNO= 1.03 CWSEL= 1402.93

STA=	10098.	10309.	10332.
PER Q=	99.9	.1	
AREA=	1270.7	10.7	
VEL=	12.2	1.7	
DEPTH=	6.0	.5	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

1645 INT SEC ADDED BY RAISING SEC 1.03, 2.025 FT AND MULTIPLYING BY .696

3301 HV CHANGED MORE THAN HVINS

MINIMUM SPECIFIC ENERGY
CRITICAL DEPTH ASSUMED

.103	10.70	1405.70	1405.70	.00	1408.91	3.21	2.90	.71	1408.00
14400.0	.0	14334.2	65.8	.0	994.9	23.4	17.0	2.7	1404.00
.01	.00	14.41	2.81	.000	.065	.085	.000	1395.00	9950.75
.032190	120.	100.	80.	0	8	0	.00	176.84	10127.60

FLOW DISTRIBUTION FOR SECNO= .10 CWSEL= 1405.70

STA=	9951.	10100.	10128.
PER Q=	99.5	.5	
AREA=	994.9	23.4	
VEL=	14.4	2.8	
DEPTH=	6.7	.8	

*SECNO .141
7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 9898.0 10142.0 TYPE= 1 TARGET= 244.000

.141	14.56	1412.46	1412.46	1412.54	1415.45	2.99	4.83	.09	1398.10
14400.0	4239.9	7200.9	2959.2	509.8	403.3	374.9	22.2	3.6	1402.30
.02	8.32	17.85	7.89	.085	.065	.085	.000	1397.90	9898.00
.019496	200.	200.	160.	0	11	0	.00	214.28	10112.28

FLOW DISTRIBUTION FOR SECNO= .14 CWSEL= 1412.46

STA=	9898.	9924.	9938.	9948.	9958.	9970.	9977.	9980.	10009.	10028.	10058.	10112.
PER Q=	4.5	6.7	3.3	4.2	6.5	3.1	1.2	50.0	13.9	4.8	1.8	
AREA=	99.9	104.6	57.9	71.0	93.9	51.2	31.2	403.3	180.7	115.5	78.7	
VEL=	6.4	9.2	8.1	8.5	10.0	8.6	5.5	17.9	11.1	6.0	3.3	
DEPTH=	3.8	7.4	6.2	6.8	8.3	7.1	10.1	13.7	9.7	3.9	1.4	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO .161

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 9872.0 10165.0 TYPE= 1 TARGET= 293.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 1421.00 ELREA= 1421.00

.161	15.22	1418.02	1418.02	1418.02	1425.72	7.69	2.86	3.76	1412.80
14400.0	.0	14400.0	.0	.0	646.9	.0	24.4	3.9	1412.80
.02	.00	22.26	.00	.000	.065	.000	.000	1402.80	9978.80
.042021	125.	104.	70.	0	8	0	.00	42.50	10021.30

FLOW DISTRIBUTION FOR SECNO= .16 CWSEL= 1418.02

STA= 9979. 10021.
PER Q= 100.0
AREA= 646.9
VEL= 22.3
DEPTH= 15.2

SPECIAL BRIDGE

5227 DOWNSTREAM ELEV IS 1415.43 , NOT 1418.02 HYDRAULIC JUMP OCCURS DOWNSTREAM (IF LOW FLOW CONTROLS)

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.56	2.70	.00	42.50	2.50	400.00	.00	1403.60	1402.80

*SECNO .177

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 3.94

PRESSURE AND WEIR FLOW, Weir Submergence Based on TRAPEZOIDAL Shape

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	WEIRLN
1449.42	1425.72	.00	6997.	7420.	400.	400.	1413.60	1422.00	357.

3470 ENCROACHMENT STATIONS= 9868.0 10150.0 TYPE= 1 TARGET= 282.000

.177	22.24	1425.84	.00	1425.98	1426.36	.52	.64	.00	1413.60
14400.0	2444.5	6883.4	5072.0	697.7	945.3	1250.7	28.0	4.2	1413.60
.02	3.50	7.28	4.06	.085	.065	.085	.000	1403.60	9872.24
.002712	88.	88.	88.	2	0	5	.00	277.76	10150.00

FLOW DISTRIBUTION FOR SECNO= .18 CWSEL= 1425.84

STA=	9872.	9890.	9965.	9979.	10021.	10060.	10150.
PER Q=	.2	11.6	5.1	47.8	14.4	20.8	
AREA=	25.2	513.2	159.3	945.3	446.7	804.0	
VEL=	1.1	3.3	4.6	7.3	4.6	3.7	
DEPTH=	1.4	6.8	11.5	22.2	11.5	8.9	

*SECNO .187

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.58

3470 ENCROACHMENT STATIONS= 9884.0 10114.0 TYPE= 1 TARGET= 230.000
OLD LAKE PLEASANT ACCESS RD APPX RM. 0.169

.187	23.21	1426.11	1414.43	1426.06	1426.49	.38	.08	.05	1407.20
14400.0	4118.0	9424.3	857.7	1224.2	1661.4	326.4	31.5	4.5	1407.50
.02	3.36	5.67	2.63	.085	.065	.085	.000	1402.90	9886.12
.001084	31.	51.	71.	2	11	0	.00	225.15	10111.27

FLOW DISTRIBUTION FOR SECNO= .19 CWSEL= 1426.11

STA=	9886.	9930.	9957.	9965.	9978.	9990.	10069.	10081.	10111.
PER Q=	4.0	8.9	3.6	6.3	5.8	65.4	4.0	1.9	
AREA=	264.8	381.4	137.3	231.3	209.3	1661.4	177.8	148.6	
VEL=	2.2	3.4	3.8	3.9	4.0	5.7	3.3	1.9	
DEPTH=	6.0	14.3	17.2	17.7	18.4	20.9	15.5	4.8	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO .278

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .24

3470 ENCROACHMENT STATIONS= 9950.0 10064.0 TYPE= 1 TARGET= 114.000

.278	17.25	1427.15	1423.21	1427.12	1429.13	1.98	1.37	1.27	1416.30
14400.0	965.1	13040.3	394.6	109.1	1127.4	68.1	56.6	6.3	1418.70
.04	8.85	11.57	5.80	.085	.100	.085	.000	1409.90	9950.00
.018751	492.	484.	465.	3	11	0	.00	112.66	10062.66

FLOW DISTRIBUTION FOR SECNO= .28 CWSEL= 1427.15

STA=	9950.	9954.	9965.	10047.	10063.
PER Q=	.3	6.4	90.6	2.7	
AREA=	12.7	96.4	1127.4	68.1	
VEL=	3.4	9.6	11.6	5.8	
DPTH=	3.3	8.6	13.8	4.3	

*SECNO .375

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .70

3470 ENCROACHMENT STATIONS= 9909.0 10025.0 TYPE= 1 TARGET= 116.000

.375	23.53	1440.13	1438.52	1440.15	1443.48	3.35	13.25	1.09	1428.70
14400.0	4595.2	6682.1	3122.7	377.9	400.2	233.2	70.2	7.6	1416.60
.05	12.16	16.70	13.39	.085	.100	.085	.000	1416.60	9909.14
.038695	500.	509.	518.	2	11	0	.00	103.75	10024.82

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= .38 CWSEL= 1440.13

STA=	9909.	9926.	9933.	9937.	9949.	9966.	9991.	10010.	10025.
PER Q=	6.1	10.1	5.8	5.1	4.9	46.4	21.7	.0	
AREA=	95.5	83.8	49.9	71.7	77.0	400.2	232.6	.6	
VEL=	9.2	17.4	16.7	10.2	9.1	16.7	13.4	.9	
DEPTH=	5.6	13.1	10.8	6.3	4.6	15.9	12.0	.0	

*SECNO .460

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 3.29

3470 ENCROACHMENT STATIONS= 9953.0 10259.0 TYPE= 1 TARGET= 306.000

.460	19.95	1448.15	1439.86	1448.14	1448.46	.32	3.77	1.21	1436.70
14400.0	375.7	13953.9	70.4	140.8	3064.4	44.8	92.0	9.7	1443.30
.07	2.67	4.55	1.57	.100	.100	.100	.000	1428.20	9953.50
.003586	418.	445.	510.	4	8	0	.00	305.49	10258.99

FLOW DISTRIBUTION FOR SECNO= .46 CWSEL= 1448.15

STA=	9953.	9978.	10241.	10259.
PER Q=	2.6	96.9	.5	
AREA=	140.8	3064.4	44.8	
VEL=	2.7	4.6	1.6	
DEPTH=	5.7	11.7	2.4	

*SECNO .548

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .33

3470 ENCROACHMENT STATIONS= 9951.0 10137.0 TYPE= 1 TARGET= 186.000

.548	9.87	1451.67	1449.84	1451.67	1453.41	1.75	3.80	1.14	1448.30
14400.0	47.9	14268.5	83.6	13.0	1340.4	19.1	116.7	12.3	1446.90
.09	3.70	10.65	4.38	.100	.100	.100	.000	1441.80	9951.00
.033298	516.	468.	268.	3	18	0	.00	185.71	10136.71

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

FLOW DISTRIBUTION FOR SECNO= .55 CWSEL= 1451.67

STA=	9951.	9958.	10129.	10137.
PER Q=	.3	99.1	.6	
AREA=	13.0	1340.4	19.1	
VEL=	3.7	10.6	4.4	
DEPTH=	1.8	7.9	2.4	

THIS RUN EXECUTED 20JUL96 11:52:00

****
HEC-2 WATER SURFACE PROFILES

Version 4.6.0; February 1991
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

MORGAN CITY WASH

SUMMARY PRINTOUT

	SECNO	Q	CWSEL	DEPTH	EG	CRIWS	VCH	10*KS	XLCH	SSTA	TOPWID	ENDST	TWA
	33.410	19000.00	1399.74	12.84	1400.49	1395.03	6.97	31.44	.00	9966.40	316.24	10282.64	.00
	33.410	19000.00	1399.74	12.84	1400.49	1395.03	6.97	31.44	.00	9966.40	316.24	10282.64	.00
*	.103	14400.00	1405.69	10.69	1408.91	1405.69	14.43	323.34	400.00	9950.78	176.67	10127.45	2.24
*	.103	14400.00	1405.70	10.70	1408.91	1405.70	14.41	321.90	400.00	9950.75	176.84	10127.60	2.74
*	.141	14400.00	1412.54	14.64	1415.42	1412.54	17.60	188.09	200.00	9880.88	231.74	10112.62	3.12
	.141	14400.00	1412.46	14.56	1415.45	1412.46	17.85	194.96	200.00	9898.00	214.28	10112.28	3.57
*	.161	14400.00	1418.02	15.22	1425.72	1418.02	22.26	420.29	104.00	9978.80	42.50	10021.30	3.43
*	.161	14400.00	1418.02	15.22	1425.72	1418.02	22.26	420.21	104.00	9978.80	42.50	10021.30	3.86
*	.177	14400.00	1425.98	22.38	1426.36	.00	6.49	21.33	88.00	9871.34	406.14	10277.48	3.88
*	.177	14400.00	1425.84	22.24	1426.36	.00	7.28	27.12	88.00	9872.24	277.76	10150.00	4.18
	.187	14400.00	1426.06	23.16	1426.44	1414.43	5.69	10.95	51.00	9886.29	224.74	10111.03	4.27
*	.187	14400.00	1426.11	23.21	1426.49	1414.43	5.67	10.84	51.00	9886.12	225.15	10111.27	4.47
*	.278	14400.00	1427.12	17.22	1429.11	1423.21	11.61	189.43	484.00	9949.82	112.73	10062.55	6.14
*	.278	14400.00	1427.15	17.25	1429.13	1423.21	11.57	187.51	484.00	9950.00	112.66	10062.66	6.34
	.375	14400.00	1440.15	23.55	1443.48	1438.52	16.66	384.77	509.00	9909.11	103.93	10024.85	7.40
*	.375	14400.00	1440.13	23.53	1443.48	1438.52	16.70	386.95	509.00	9909.14	103.75	10024.82	7.61
*	.460	14400.00	1448.14	19.94	1448.46	1439.86	4.56	35.90	445.00	9953.50	305.47	10258.97	9.50
*	.460	14400.00	1448.15	19.95	1448.46	1439.86	4.55	35.86	445.00	9953.50	305.49	10258.99	9.70
*	.548	14400.00	1451.67	9.87	1453.41	1449.84	10.65	333.84	468.00	9950.60	186.10	10136.70	12.10
*	.548	14400.00	1451.67	9.87	1453.41	1449.84	10.65	332.98	468.00	9951.00	185.71	10136.71	12.30

SUMMARY OF ERRORS AND SPECIAL NOTES

```
CAUTION SECNO=      .103  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=      .103  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=      .103  PROFILE=  2  INTERPOLATED X-SECTIONS USED

CAUTION SECNO=      .141  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=      .141  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=      .141  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=      .141  PROFILE=  2  MINIMUM SPECIFIC ENERGY

CAUTION SECNO=      .161  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=      .161  PROFILE=  1  MINIMUM SPECIFIC ENERGY
CAUTION SECNO=      .161  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=      .161  PROFILE=  2  MINIMUM SPECIFIC ENERGY

CAUTION SECNO=      .177  PROFILE=  1  HYDRAULIC JUMP D.S.
WARNING SECNO=      .177  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
CAUTION SECNO=      .177  PROFILE=  2  HYDRAULIC JUMP D.S.
WARNING SECNO=      .177  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=      .187  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=      .278  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=      .278  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=      .375  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=      .460  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=      .460  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=      .548  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=      .548  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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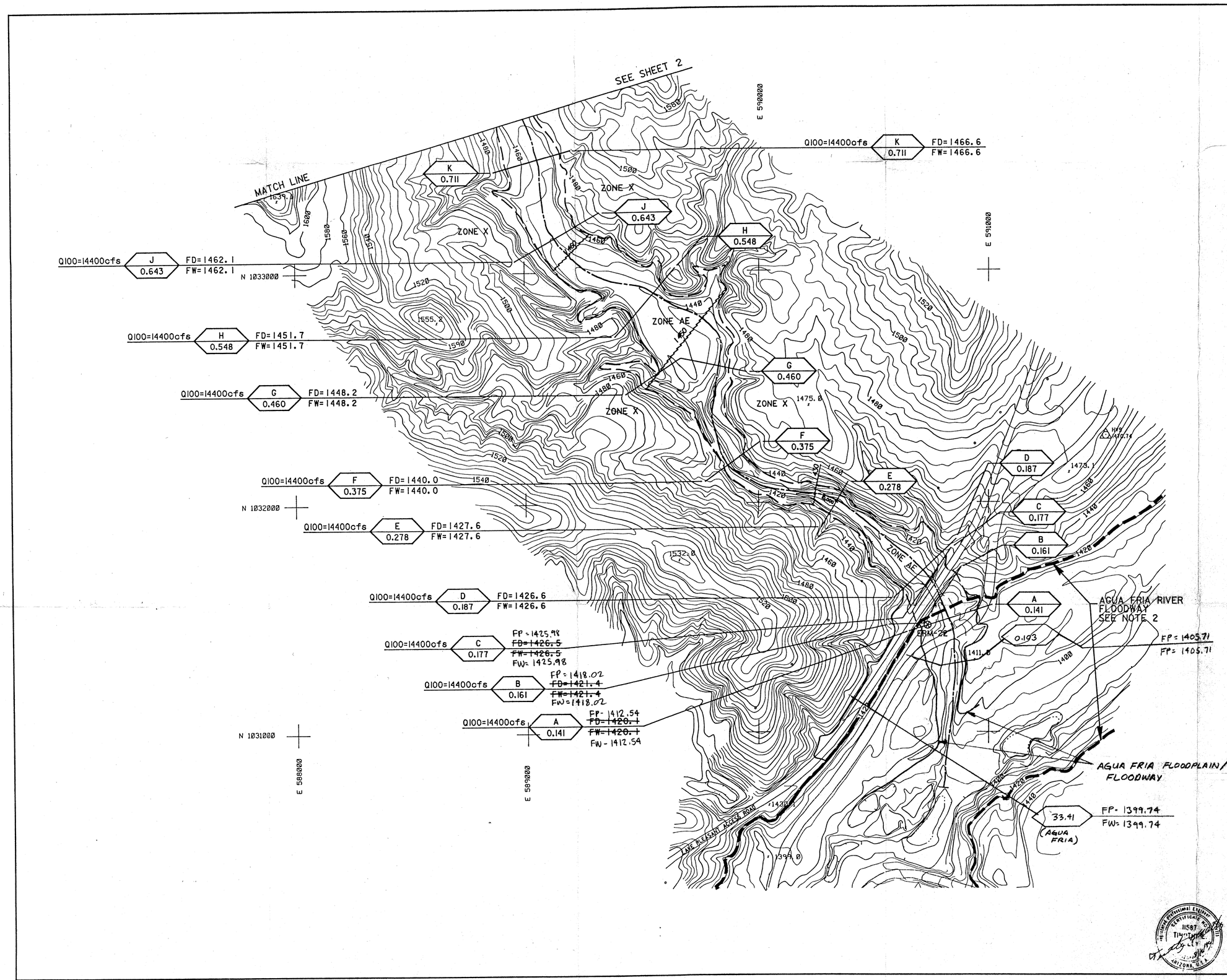
FLOODWAY DATA, MORGAN CITY WASH
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
33.410	316.	2727.	7.0	1399.7	1399.7	.0
.103	177.	1018.	14.1	1405.7	1405.7	.0
.141	214.	1288.	11.2	1412.4	1412.5	-.1
.161	43.	647.	22.3	1418.0	1418.0	.0
.177	278.	2894.	5.0	1425.9	1426.0	-.1
.187	225.	3212.	4.5	1426.1	1426.1	.0
.278	113.	1305.	11.0	1427.1	1427.1	.0
.375	116.	1011.	14.2	1440.2	1440.2	.0
.460	305.	3250.	4.4	1448.1	1448.1	.0
.548	186.	1372.	10.5	1451.7	1451.7	.0



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOOD DELINEATION STUDY OF MORGAN CITY WASH

LEGEND

100-Yr. Floodplain Boundary

Floodway Boundary

Hydraulic Base Line With River Mile — M4.0 M5.0

Cross Section — Q100=XXXcfs; B 100; FD = 100yr. WSE; FW = FLOODWAY WSE; B 100

Elevation Reference Marks — ERM-4

Base Flood Elevations — 2180

Zone Designations — ZONE AE

ELEVATION REFERENCE MARKS

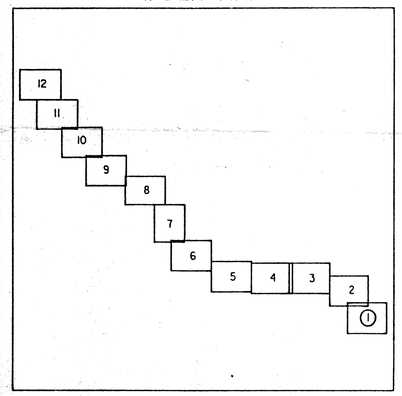
NOTE: All Elevation Are Based On National Geodetic Vertical Datum Of 1927

I.D. NUMBER	ELEVATION (FT.)	DESCRIPTION/LOCATION
ERM-22	1412.28	A 5/8" REBAR SET IN CONCRETE APPROX. 105FT. SOUTH OF CENTERLINE OF MORGAN CITY WASH, AND APPROX. 50FT EAST OF CENTERLINE OF NEW WADDELL DAM ROAD, AND AT THE SOUTHEAST CORNER OF NEW WADDELL DAM ROAD BRIDGE MARKED ERM#22

NOTES:

1. CROSS SECTION STATION 10,000.0 IS HYDRAULIC BASE LINE EXCEPT AS NOTED
2. AGUA FRIA RIVER FLOODWAY PER FLOOD INSURANCE STUDY, MARICOPA COUNTY, ARIZONA AND UNINCORPORATED AREAS, FEDERAL EMERGENCY MANEGEMMENT AGENCY. EFFECTIVE DATE APRIL 15, 1988 PERFORMED BY : JERRY R. JONES ASSO. INC. UNDER JOB NO. 286-080,01

INDEX MAP



N

200 0 200 400
scale

CONTOUR INTERVAL = 4' FEET

Michael Baker, Jr., Inc.
4105 North 20th. Street, Suite 220
Phoenix, Arizona 85016

	BY	DATE	SUBMITTED BY	DATE	SHEET
Design	B.R. Jolly P.E.	8-16-90			1
Design Chk.	T.E. Kelly P.E.	8-16-90	RECOMMENDED BY	DATE	
Plans	S.S Obertello	8-16-90	APPROVED BY	DATE	
Plans Chk.	B.R. Jolly P.E.	8-16-90	CHIEF ENGINEER AND GENERAL MANAGER		OF 12

REGISTERED PROFESSIONAL ENGINEER (CIVIL) CERTIFICATE NO. 11587 TIMOTHY E. KELLY ARIZONA, U.S.A.

McLAIN HARBERS CO. INC.
AERIAL MAPPING & SURVEYING
665 E. 18th St. Suite 102
Tucson, Arizona 85719

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS
1" = 200' HORIZONTAL SCALE AND 4' CONTOUR INTERVALS AND BASED ON GROUND CONTROL SURVEY DATA PROVIDED BY BAKER ENG.