FLOOD

JANUARY

1970

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Salt River at Central & Mill DATE: 1/19/79

DESCRIPTION OF READINGS: ① Mill Bridge ② Arb Bridge ③ Central Brg. ④ Scottsdale Rd Bridge

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

TIME	① RR Brg GAUGE ELEV. 1	② DISCHARGE 1	③ GAUGE ELEV. 2	④ DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100	1152.7 →	10.8-11.2 11.0 JW/DJ	25.8			
0130						
0200	1152.8		25.8			No reading on 2 because flashlight batteries to weak. Took new flashlight & batteries
0230						
0300	1152.8	11.0-11.2 JW/DJ	25.5		DJ	
0330						
0400	1152.8	11.0 ~	25.4		DJ	② Reading is approx difficult to read
0430						
0500	1152.8	11.0 ~	25.3		DJ	
0530						
0600	1152.9		25.3		MB/DJ	
0630						
0700	0720 1152.1		25.5		MB/DJ	
0730						
0800			25.8		MB/DJ	
0830						
0900			26.0		MB/DJ	
0930						Readings being
1000			26.0			taken at office
1030						
1100			26.8	101	DJ	④ Via Highway Dept.
1130						
1200			26.8	104	DJ	④ Via Highway Dept.

③ Granite Reef Release @ 70,000 cfs

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Salt River at Central & Mill DATE 1/19/79

DESCRIPTION OF READINGS: ① Mill Bridge ② Ash Bridge ③ Central Ave. ④ Scottsdale Rd. Bridge

TIME	① GAUGE ELEV. 1	② DISCHARGE 1	③ GAUGE ELEV. 2	④ DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300				105"		Via Catt-way Depart.
1330			26.9			
1400			26.9			
1430						
1500			26.9	107"		
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: SALT RIVER AT MILL AVE AND AT Central Ave DATE: 1/18/79

DESCRIPTION OF READINGS:

TIME	GAUGE (1) ELEV. 1	(2) DISCHARGE 1	GAUGE (3) ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030	—	9.0 MJ/LAB	27.0		JRW/LAB	
0100	—	9.0 MJ/LAB	≥7.0		JRW/LAB	
0130			27.0		JRW/LAB	
0200		9.1 MJ/DJ	27.0		JRW/LAB	Going to 1-hour readings
0230						
0300			27.0		JRW/DJ	
0330						
0400		(420) 9.1 MJ/DJ	27.0		JRW/DJ	
0430						
0500		9.2 MJ/DJ	27.2		Wong/DJ	
0530						
0600		9.3 MJ/DJ	27.7		Wong/DJ	
0630						
0700		9.5 MJ/DJ	27.0		Wong/DJ	
0730						
0800		10.3 MJ/DJ	27.0		Wong/DJ	Question reliability of readings made prior to this reading at Mill Ave.
0830						
0900		10.3 MJ/DJ	27.2		Wong/DJ	
0930						
1000		10.3 MJ/DJ	27.0		Wong/DJ	
1030						
1100		10.5 MJ/DJ	27.0		Wong/DJ	
1130						
1200		10.5 MJ/LAB	26.7		Wong/DJ	

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Salt River At Central Ave & At Mill Ave DATE 7/18/79

DESCRIPTION OF READINGS: ① Mill Bridge ② Ash Bridge ③ Central Bridge

TIME	GAUGE ① ELEV. 1	② DISCHARGE 1	GAUGE ③ ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300		10.5 MT/LAB	26.3 Wong/LAB			
1330						
1400		9.3-11.2 TG/LAB 10.2	26.3 FV Wong/LAB			
1430						
1500		10.3-10.9 TG/LAB 10.6	26.1 FV Wong/LAB			
1530						
1600	RR Bridge	10.3-10.9 TG/LAB 10.6	26.2 FV/LAB			
1630	1152.2 →	10.5-10.9 TG 10.7				
1700			26.2 BE/GSB			
1730						
1800	1152.2 →	10.5-10.9 10.7 TG/GSB	26.2 BE/GSB			
1830						
1900	1152.2 →	10.5-10.9 10.7 TG/GSB	26.2 ~~BE~~/GSB			
1930						
2000	1152.5 →	10.5-11.0 10.8 TG/GSB	26.2			
2030						
2100	1152.5 →	10.5-11.0 10.8 TG/GSB	26.2			
2130			26.2			
2200	1152.5 →	10.5-11.0 10.8 TG/GSB	26.2			
2230						
2300	1152.5 →	10.5-11.0 10.8 TG/GSB	26.2			
2330						
2400		10.6-11.0 10.8 SW/GSB	26.2			Windy

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: SALT RIVER AT MILL AVE. + AT CENTRAL AVE DATE 1/17/79

DESCRIPTION OF READINGS: ① ON EAST FACE OF MILL AVE. BRIDGE PIER. ② ON ASH AVE. BRIDGE.

③ DISTANCE FROM CENTRAL BRIDGE PARAPET TO WATER.

TIME	~~GAUGE~~ ELEV. 1 ①	DISCHARGE 1 ②	GAUGE ELEV. 2 ③	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400						
1430						
1500						
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000			42'		JRW/LAB	
2030					~~JRW/LAB~~	
2100			34'		JRW/LAB	
2130			32.5		JRW/LAB	
2200			31.5		JRW/LAB	
2230			30.5		JRW/LAB	
2300		8.0 FLV/LAB	29.0		JRW/LAB	
2330		8.5 FLV/LAB	28.0		JRW/LAB	
2400		9.0 FLV/LAB	27.5		JRW/LAB	

FLV/LAB Not up to gage yet.

(2) CIVIL DEFENSE 355

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: CENTRAL AVE. BRIDGE DATE: 1-18-1979 150

DESCRIPTION OF READINGS: TAPE READINGS (CONT.)

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030	27.0'				JWLyser	Light rain
0100	27.0'				JWLyser	"
0130	27.0'				JWLyser	NO RAIN (goody!)
0200	27.0'	as of 0200 hrs. will be			JWLyser	"
0230	—	making readings on the hour only. approved by Bes Bond at Civil Defense Headquarters.				
0300	27.0'				JWLyser	
0330	—					HERE COMES THE RAIN (AGAIN)
0400	27.0'				JWLyser	
0430	—				L. Wong	
0500	27.2				L. Wong	AT THIS TIME IS MISTY
0530	—					
0600	27.7				L. Wong	IT SEEMS TO BE CLEAR
0630	—					
0700	27.0				L. Wong	Day Break clear
0730	—					
0800	27.0				L. Wong	Rain comes & go. WATER remain the same
0830	—				~~L. Wong~~	
0900	27.2				L. Wong	MEASURING MAY NOT BE TOO ACCURATE DO TO WIND.
0930	—					
1000	27.0				L. Wong	
1030	—					
1100	27.0				L. Wong	Raining quite heavy now
1130	—					
1200	26.7				L. Wong	THE RIVER SEEMS RISING

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CENTRAL AVENUE BRIDGE

Tape Measures from top of Bridge railing on west side of Bridge down to water level.

Date	Time	Gauge Reading	Taken by:
1-17-79	2000	42.0	JW
(Flow arrived approximately 2010 to 2015 hours)			
	2100	34.0	"
	2130	32.5	"
	2200	31.5	"
	2230	30.0	"
	2300	29.0	"
	2330	28.0	"
	2400	27.5	"
1-18-78	0030	27.0	"
	0100	27.0	"
	0130	27.0	"
	0200	27.0	"
	0300	27.0	"
	0400	27.0	"
	0500	27.2	LW
	0600	27.7	"
	0700	27.0	"
	0800	27.0	"
	0900	27.2	"
	1000	27.0	"
	1100	27.0	"
	1200	26.7	"
	1300	26.3	BE
	1400	26.3	"
	1500	26.1	"
	1600	26.2	"
	1700	26.2	"
	1800	26.2	"
	1900	26.2	"
	2000	26.2	"
	2100	26.2	"
	2200	26.2	"
	2300	26.2	"
	2400	26.2	"
1-19-79	0100	25.8	MB
	0200	25.8	"
	0300	25.5	"
	0400	25.4	"
	0500	25.3	"
	0600	25.3	"
	0700	25.5	"
	0800	25.8	"
	0900	26.0	"
	1000	26.8	FV
	1100	26.8	"
	1200	26.8	"
	1300	26.9	"
	1400	29.9	"
	1500	29.9	"

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

Salt River at Old Tempe Bridge

Readings taken from third support south from the north end of abandoned section.

Date	Time	Old Tempe Bridge	Railroad Bridge	By	Comments
1/17/79	1600	0		FV	
	1630	0		"	
	1700	0		"	
	1730	0		"	
	1741	0		"	River started running
	1800	0		"	
	1830	0		"	
	1900	0		"	
	1930	0		"	
	2000	0		"	
	2030	0		"	
	2100	0		"	
	2130	0		"	
	2200	0		"	
	2230	0		"	
	2300	8.5		"	
	2330	8.6		"	
	2400	9.0		"	
1/18/79	0030	9.0		MJ	--(Gauge is not readable due
	0100	9.0		"	(to fading light. Readings
	0130	9.0		"	(will remain the same until
	0200	9.0		"	(a better method or until
	0230	9.1		"	(the water reaches the gauge
	0300	9.1		"	(on Mill Avenue Bridge.
	0330	9.1		"	
	0400	9.1		"	
	0430	9.2		"	
	0500	9.2		"	
	0530	9.2		"	
	0600	9.3		"	
	0630	9.4		"	
	0700	9.5		"	
	0730	10.3		"	--(Reading corrected. With
	0800	10.3		"	(daylight; the Ash Road
	0830	10.3		"	(Bridge is readable.
	0900	10.3		"	
	0930	10.3		"	
	1000	10.3		"	
	1030	10.5		"	
	1100	10.5		"	
	1130	10.5		"	
	1200	10.5		"	

Salt River at Old Tempe Bridge

(Continued)

Date	Time	Old Tempe Bridge	Railroad Bridge	By	Comments
1/18/79	1230	10.5		MJ	
	1300	10.5		"	
	1300	9.3 - 11.2		TG	
	1400	10.3 - 10.9		"	
	1500	10.3 - 10.9		"	
	1600	10.3 - 10.9		"	
	1700	10.5 - 10.9	1152.2	"	
	1800	10.5 - 10.9	1152.2	"	
	1900	10.5 - 10.9	1152.2	"	
	2000	10.5 - 11.0	1152.5	"	
	2100	10.5 - 11.0	1152.5	"	
	2200	10.5 - 11.0	1152.5	"	
	2300	10.5 - 11.0	1152.5	"	
	2400	10.6 - 11.0		JW	
1/19/79	0100	10.8 - 11.2	1152.7	"	
	0200	?	1152.8	"	--(Lantern Battery low and
	0300	?	1152.8	"	(water up to 11.0+ - can't
	0400	11.0+	1152.8	"	(read gauge on bridge - RR
	0500	11.0+	1152.8	"	(bridge gauge visible slightly.
	0600	11.0+	1152.9	"	

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE January 19 1979 JOB NO. 10-016

LOCATION Central Ave Bridge & Salt River

PERSONNEL F. Vincent

VEHICLE # 18841 MILEAGE: OUT 8205 IN 8233 TOTAL 18

REPORT PERIOD: FROM 0900 TO 1500

SPECIFIC COMMENTS:

(1) Relieved M. Bandemicks from the Central Ave Bridge at 0900 Hrs.

(2) Readings are not accurate due to tape blowing back and forth when the wind is blowing.

TEAM CHIEF:

Vol. 27

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-18-79 Thurs. JOB NO. 50.016

LOCATION Tempe Bridge (Mill Ave.)

PERSONNEL Tony Guzak

VEHICLE # 32815 MILEAGE: OUT 13438 IN _____ TOTAL 45

REPORT PERIOD: FROM 1300 TO ~~2400~~ 0600 (1-19-79)

SPECIFIC COMMENTS:

Staff readings taken from Old Tempe Bridge third support South from Northend (abandoned) bridge. Plus "R. R." Bridge West of Mill Ave.

TEAM CHIEF: JOHN WUYCE

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Mill Ave. Bridge (CONT.) DATE: 1-19-78

DESCRIPTION OF READINGS: staff Gauges

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100	10.8-11.2	ave = 11.0	1152.7		JWyse	
0130						
0200	?	?	1152.8		Lantern Battery low & Water up to 11.0 + can't read gauge on bridge - R.R. bridge gauge visible slightly	0200.
0230						
0300	?	?	1152.8		JWyse	
0330						
0400	11.0+ ave.		1152.8		"	
0430						
0500	11.0+ ave.		1152.8		"	
0530						
0600	11.0+ ave.		1152.9		0600 last reading Civil Defense ck'd leaving station at 0630. JWyse	
0630						
0700						
0730						
0800						
0830						
0900						
0930						
1000						
1030						
1100						
1130						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Old Tempe Bridge over Salt River DATE: 1-18-79

DESCRIPTION OF READINGS: taken from third support South from Northend of abandoned section. Plus "R.R." Bridge over Salt River West of Mill Ave.

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230					A.T.Huzek Jr.	
1300	9.3-11.2	Avg. 10.3			A.T.G.	
1330						
1400	10.3-10.9	Avg. 10.6			A.T.G.	
1430						
1500	10.3-10.9	Avg. 10.6			A.T.G.	
1530						
1600	10.3-10.9	Avg. 10.6			A.T.G.	
1630						
1700	10.5-10.9	Avg 10.7	1152.2		A.T.G.	Began to read old
1730						staff on "R.R" Bridge
1800	10.5-10.9	Avg 10.7	1152.2		A.T.G.	over Salt River at
1830						1700 HRS. See gauge
1900	10.5-10.9	Avg 10.7	1152.2		A.T.G.	Elev. 2.
1930						
2000	10.5-11.0	Avg. 10.75	1152.5		A.T.G.	
2030						
2100	10.5-11.0	Avg. 10.75	1152.5		A.T.G.	
2130						
2200	10.5 11.0	Avg. 10.75	1152.5		A.T.G.	
2230						
2300	10.5-11.0	Avg. 10.75	1152.5		A.T.G.	
2330	J.W — STARTED					
2400	10.6-11.0	Av. 10.8			J.W.	assumed watch at 2330 J.W.

CD 273-1411

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-18-78 JOB NO. 50-016

LOCATION Mill Ave & Salt River

PERSONNEL Fancis Vincent & Mike Johnson

VEHICLE # — MILEAGE: OUT — IN — TOTAL

REPORT PERIOD: FROM 1600 HRS 17 Jan 79 TO 1300 HRS 18 Jan 79

SPECIFIC COMMENTS:

TEAM CHIEF: Bob Pengast

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: MILL AVE & The SALT RIVER DATE:

DESCRIPTION OF READINGS:

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030	9.0	MIKE Johnson STARTED	18 Jan 79		Paul Brusen	Reading's starting off at 0030HRS read by M. Johnson
0100	9.0				M.J.	The staff gauge on the
0130	9.0				M.J.	Ash Rd. Bridge is not
0200	9.0				M.J.	readable due to fading?
0230	9.1				M.J.	Readings will remain
0300	9.1				M.J.	the same until a better
0330	9.1				M.J.	method or until the water
0400	9.1				M.J.	reaches the gauge on Mill Ave
0430	9.2				M.J.	bridge.
0500	9.2				M.J.	
0530	9.2				M.J.	
0600	9.3				M.J.	
0630	9.4				M.J.	
0700	9.5				M.J.	
0730	10.3				M.J.	Reading corrected with daylight; the Ash Rd Bridge
0800	10.3				M.J.	gauge is readable.
0830	↓				M.J.	
0900	10.3				M.J.	
0930	↓				M.J.	
1000	10.3				M.J.	
1030	10.5				M.J.	
1100	10.5				M.J.	
1130	10.5				M.J.	
1200	10.5				M.J.	

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: DATE: 1-17-79

DESCRIPTION OF READINGS: SALT River started RUNNING under the MILL AVE bridge at 1741 HRS.

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230	10.5				M.J.	
1300	10.5				M.J.	End of Shift.
1330						
1400						
1430						
1500						
1530						
1600	0	Reading on the staff gauge				17 Jan 79
1630	0	"	Francis L. Vincent			
[illegible]00	0	"			[illegible]	
1730	0	"			[illegible]	
1800	0	"			[illegible]	
1830	0	"			[illegible]	
1900	0	"			[illegible]	
1930	0	"			[illegible]	
2000	0	"			[illegible]	
2030	0	"			[illegible]	
2100	0	"			[illegible]	
2130	0	"			[illegible]	
2200	0	"			[illegible]	
2230	0	"			[illegible]	
2300	8.5				[illegible]	
2330	8.6				[illegible]	
2400	9.0				[illegible]	

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Lake Pleasant DATE: 1/19/79

DESCRIPTION OF READINGS: Discharge from Waddell

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030		6000				
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700		3000				DJ
0730						
0800						
0830						
0900		3000				DJ
0930						
1000						
1030						
1100						
1130						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Lake Pleasant DATE: 1/18/79

DESCRIPTION OF READINGS: Discharge from Lake Pleasant

(No input info from 2030 (1/17) - till 0750 (1/18)

TIME	GAUGE ELEV. 1	Release DISCHARGE 1	GAUGE ELEV. 2	Inflow ~~DISCHARGE 2~~	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730	0745	~~7500 cfs~~		5000 cfs		Talked to Dick Yancy He stated that flow was ~7500 all night and they will probably be reducing out flow to match inflow sometime in mid-morning.
0800		6000				
0830						
0900						
0930						
1000		6000		6000		
1030						
1100						
1130						
1200		4000		4000		

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Lake Pleasant DATE: 1/17/79

DESCRIPTION OF READINGS: Discharges from Lake Pleasant
(Summary compiled by LAB at 2130 on 1/17 from logs).

TIME	GAUGE ELEV. 1	~~DISCHARGE 1~~ Release	GAUGE ELEV. 2	~~DISCHARGE 2~~ Inflow	REPORTER/ RECORDER	COMMENTS
0030						BCC = Black Canyon City
0100						AF = Agua Fria
0130						Blk Canyon = Black Canyon
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630		4000				
0700		6000				Blk Canyon + AF at BCC rising.
0730		↓				
0800						
0830						
0900						
~~0930~~ 0920		15,000				Blk Canyon at BCC up 2 ft in one hour. AF at BCC up 14" in one hour.
1000		↓				
1030		20,000				Front at Pinnacle Peak Rd.
1100						Front at Rose Garden at 1110.
1130						
1200				30,000		

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Lake Pleasant DATE 1/17/79

DESCRIPTION OF READINGS: Discharge from Lake Pleasant

(Summary compiled by LAB at 2130 on 1/17 from logs)

TIME	GAUGE ELEV. 1	Release ~~DISCHARGE~~ 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230		(20,000) ↓				
1300		25000				
1330		↓				Front between Grand and
1400						Olive at 1-85
1430						
1500						
1530		↓				
1600		20,000				
1630		↓				
1700						
1730		↓				
1800		15,000				Front at State 85
1830		↓				
1900						
1930		7500				
2000		↓				
2030		5000				
2100		↓				
2130						
2200						
2230						
2300						
2330						
2400						

LAB 2130 1/17/79

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE JAN. 18TH 79 JOB NO. 50-016

LOCATION CENTRAL AVENUE BRIDGE

PERSONNEL W. A. EVANS

VEHICLE # 12841 MILEAGE: OUT 08184 IN 08205 TOTAL 21

REPORT PERIOD: FROM 11:30 HRS TO 24100

SPECIFIC COMMENTS:

SEE PAGE THREE

TEAM CHIEF: Mavis Bandemide

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: CENTRAL AVENUE BRIDGE DATE: 1/19/79

DESCRIPTION OF READINGS:

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100	25.8				MARIS BANDENIEKS	RISEN .4' SINCE PREVIOUS READING (WIND A FACTOR)
0130						
0200	25.8				MARIS BANDENIEKS	WIND A FACTOR
0230						
0300	25.5				MARIS BANDENIEKS	RISE OF .3' SINCE LAST READING (WIND A FACTOR)
0330						CURRENT C.F.S. 77,850 GRAN. REEF
0400	25.4				MARIS BANDENIEKS	RISE .1' SINCE 0300
0430						
0500	25.3				MARIS BANDENIEKS	RISE .1' SINCE 0400
0530						75,000 C.F.S. GRAN. REEF
0600	25.3				MARIS BANDENIEKS	
0630						
0700	25.5				MARIS BANDENIEKS	RECEDED .2' SINCE 0600 71,500 C.F.S. GRAN. REEF
0730						
0800	25.8				MARIS BANDENIEKS	RECEDED .3' SINCE 0700
0830						0758 LT. RAIN 0809 RAIN STOPPED
0900	26.0				MARIS BANDENIEKS	RECEDED .2' SINCE 0600
0930						
1000						
1030						
1100						
1130						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: CENTRAL AVENUE BRIDGE DATE: 1/18/79

DESCRIPTION OF READINGS: MEASURE DISTANCE FROM TOP OF WATER LEVEL TO TOP OF RAIL ON WEST SIDE OF BRIDGE AT DESIGNATED POINT

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300	26.3				W.A.E.	
1330						
1400	26.3				W.A.E.	
1430						
1500	26.1				W.A.E.	
1530						
1600	26.2				W.A.E.	
1630						
1700	26.2				W.A.E.	HEAVY RAIN 17:35 - 17:55 MOD. - HEAVY 19:45 LT.
1730						20:05 RAIN STOPPED
1800	26.2				W.A.E.	
1830						
1900	26.2				W.A.E.	
1930						
2000	26.2				W.A.E.	20:30 LT. RAIN. 20:45 STOPPED
2030						
2100	26.2				W.A.E.	INACCURATE READING DUE TO WIND.
2130	26.2				W.A.E.	NOT EXACT BUT BETTER THAN 21:00 READING
2200	26.2				W.A.E.	
2230						
2300	26.2				W.A.E.	
2330						
2400	26.2				W.A.E.	DIFFICULT TO GET GOOD READING DUE TO WIND

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: SALT-VERDE DISCHARGES DATE: 1/17/79

DESCRIPTION OF READINGS: SUMMARY COMPILED FROM SRP LOGS BY LAB

AT 2300 1/17/79

BARTLETT STEWART MTN GRNT REEF

TIME	~~GAUGE ELEV. 1~~	~~DISCHARGE 1~~	~~GAUGE ELEV. 2~~	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730						
0800						
0830						
0900						
0930						
1000						
1030						
1100		15000				
1130	19400	~~15000~~	2000			
1200	19800	20000	5200			

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: SALT-VERDE DISCHARGES DATE V17/79

DESCRIPTION OF READINGS: Summary Compiled From SRP Logs By LAB

AT 2300 V17/79

BARTLETT STWRT MTN GRNT REEF

TIME	~~GAUGE ELEV. 1~~	~~DISCHARGE 1~~	~~GAUGE ELEV. 2~~	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300	19,400	20,000	18,100			
1330	↓	↓				
1400	↓	↓	22,375			
1430						
1500	25,000	30,000	25,850			
1530	↓	↓				
1600	↓	↓	32,350			
1630	↓	35,000				
1700	↓	↓	36,760			
1730	↓	↓				
1800	↓	45,000 (1815)	41,200			
1830	↓	↓				
1900	↓	↓	44,800			
1930	↓	↓				
2000	↓	↓	49,800			Front at Central
2030	↓	↓				
2100	↓	↓	59,750			
2130	↓	↓				
2200	↓	↓	60,000			Front at 51st Ave
2230	↓	↓				
2300	↓	↓	60,000		SRP/LAB	Front at 67th Ave
2330	↓	↓				
2400	↓	↓	63,500		SRP/LAB	Front at 91st Ave 0005

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: SALT-VERDE DISCHARGES DATE: 1/18/79

DESCRIPTION OF READINGS:

TIME	BARTLETT ~~GAUGE ELEV. 1~~	STURT MTN ~~DISCHARGE~~ 1	GRNT REEF ~~GAUGE ELEV. 2~~	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030	(25,000) ↓	(45,000) ↓				
0100	↓	↓	66,100		JRP/LAB	
0130						
0200	25,000	45,000	66,000		SRP/DJ	
0230						
0300						
0330						
0400	25000	48500	66000		SRP/DJ	
0430						
0500	25000	48500	66000		SRP/DJ	
0530						
0600	25000	48500	66000		SRP/DJ	
0630						
0700	25000	48500	66000		SRP/DJ	
0730						
0800	25000	48500	66000		SRP/DJ	
0830	(0855) 20000				SRP/DJ	
0900		50000	66000		SRP/DJ	
0930						
1000	20000	50000	66000		SRP/DJ	
1030						
1100	20,000	50.000	66000		SRP/DJ	
1130						Gage at Granite Reef determined to be faulty. Fixed at 1200.
1200	20,000	51000	74000		SRP/DJ	

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: SALT-VERDE DISCHARGES DATE 1/18/79

DESCRIPTION OF READINGS:

BARTLETT STWRT MTN GRNTREEF

TIME	~~GAUGE ELEV. 1~~	~~DISCHARGE 1~~	~~GAUGE ELEV. 2~~	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300	~~20,000 37000~~	51,000	74,000		SRP LAB	
1330						
1400	20,000	51,000	74,000		SRP/LAB	
1430						
1500						
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400	15,000	60,000	77800			

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Salt-Verde Discharges DATE: 1/19/79

DESCRIPTION OF READINGS:

Bartlett Stwrt, Mtn Grnt, Reef

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200	~~15,000~~ ~~20,000~~	60,000	77500		SRP/DJ	
0230	↓	↓	↓			
0300						
0330						
0400	↓	↓	↓			
0430	~~15,000~~ ~~20,000~~	~~6~~0,000	75000		SRP/DJ	
0500						
0530						
0600						
0630						
0700	15 000	60000	71500		SRP/DJ	
0730						
0800	15000	58000	71500		SRP/DJ	
0830						
0900						
0930						
1000	15000	56,000	71,500		SRP/DJ	
1030						
1100	15 000	55 000	70,000		SRP/DJ	
1130						
1200	15000	55000	70,000		SAP/DJ	

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Salt - Verde DATE 1/19/79

DESCRIPTION OF READINGS:

Bartlett Stwt. Mt Gran. Reef

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400						
1430						
1500						
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/24/79 HOUR 1200 PERIOD 4.0 HR

SALT RIVER

SALT RIVER CANYON	GH 3.3	1,352 CFS	1200 HR	
SALT ROOSEVELT	GH 9.6	1,799 CFS	1200 HR	
TONTO CREEK	GH 4.0	552 CFS	1200 HR	
TOTAL INFLOW ROOSEVELT		2,351 CFS	1200 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM	GH 234.00′ ELEV 2135.95′	CAPACITY	1,381,580 AF	
CURRENT	GH 222.80′ ELEV 2124.75′	CONTENTS	1,190,210 AF	AVAIL+191,370 AF
CHANGE IN CONTENTS SINCE 0800 HR		-1,986 AF		
CALCULATED UNGAUGED INFLOW		3,641 CFS		
ROOSEVELT TOTAL RELEASE		12,000 CFS	1200 HR	

HORSE MESA HOUR 1200

MAXIMUM	GH 264.00′ ELEV 1914.00′	CAPACITY	245,138 AF	
CURRENT	GH 257.59′ ELEV 1907.59′	CONTENTS	228,430 AF	AVAIL +16,708 AF
CHANGE IN CONTENTS SINCE 0800 HR		-51 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
HORSE MESA SPILLWAY RELEASE		0 CFS	1200 HR	
HORSE MESA TUNNEL RELEASE		12,000 CFS	1200 HR	
TOTAL HORSE MESA RELEASE		12,000 CFS	1200 HR	

MORMON FLAT HOUR 1200

MAXIMUM	GH 141.50′ ELEV 1660.50′	CAPACITY	57,852 AF	
CURRENT	GH 120.89′ ELEV 1639.89′	CONTENTS	39,641 AF	AVAIL +18,211 AF
CHANGE IN CONTENTS SINCE 0800 HR		-64 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
MORMON FLAT TOTAL RELEASE		12,000 CFS	1200 HR	

STEWART MOUNTAIN HOUR 1200

MAXIMUM	GH 119.00′ ELEV 1529.00′	CAPACITY	69,765 AF	
CURRENT	GH 107.80′ ELEV 1517.80′	CONTENTS	56,443 AF	AVAIL +13,322 AF
CHANGE IN CONTENTS SINCE 0800 HR		-112 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
ST MTN TOTAL RELEASE		12,000 CFS	1200 HR	

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,514,724 AF
AVAIL STORAGE	+239,611 AF
STORAGE CHANGE SINCE 0800 HR	-2,213 AF
TOTAL CALCULATED UNGAUGED INFLOW	3,641 CFS

GRANITE REEF

SALT BELOW G. REEF	18,000 CFS	1200 HR	
ARIZONA CANAL	155 CFS	1200 HR	
SOUTH CANAL	115 CFS	1200 HR	
TOTAL AT G. REEF	18,270 CFS	1200 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/24/79 HOUR 1200 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE	GH	4.8	470 CFS	1200 HR
VERDE @ EAST VERDE	GH	6.7	1,594 CFS	1200 HR
VERDE @ TANGLE CRK	GH	5.7	1,559 CFS	1200 HR
VERDE BEELINE	GH	0.0	0 CFS	1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 111.44′ ELEV 2011.44′ CONTENTS 93,924 AF AVAIL +37,503 AF

CHANGE IN CONTENTS SINCE 0800 HR +424 AF

CALCULATED UNGAUGED INFLOW 0 CFS

HORSESHOE TOTAL RELEASE 0 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.08′ ELEV 1794.08′ CONTENTS 167,383 AF AVAIL +10,803 AF

CHANGE IN CONTENTS SINCE 0800 HR -1,030 AF

CALCULATED UNGAUGED INFLOW 1,284 CFS

BARTLETT TOTAL RELEASE 4,400 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY	+309,613 AF
PRESENT CONTENTS	+261,307 AF
AVAIL STORAGE	+48,306 AF
STORAGE CHANGE SINCE 0800 HR	-606 AF
TOTAL CALCULATED UNGAUGED INFLOW	1,284 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/24/79 HOUR 0800 PERIOD 16.0 HR

SALT RIVER

SALT RIVER CANYON	GH	3.3	1,352 CFS	0800 HR
SALT ROOSEVELT	GH	9.6	1,799 CFS	0800 HR
TONTO CREEK	GH	4.0	552 CFS	0800 HR
TOTAL INFLOW ROOSEVELT			2,351 CFS	0800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 0800

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 222.92′	ELEV 2124.87′	CONTENTS 1,192,196 AF	AVAIL+189,384 AF
CHANGE IN CONTENTS SINCE 1600 HR			-10,504 AF	
CALCULATED UNGAUGED INFLOW			1,705 CFS	
ROOSEVELT TOTAL RELEASE			12,000 CFS	0800 HR

HORSE MESA HOUR 0800

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 257.61′	ELEV 1907.61′	CONTENTS 228,481 AF	AVAIL +16,657 AF
CHANGE IN CONTENTS SINCE 1600 HR			+307 AF	
CALCULATED UNGAUGED INFLOW			232 CFS	
HORSE MESA SPILLWAY RELEASE			0 CFS	0800 HR
HORSE MESA TUNNEL RELEASE			12,000 CFS	0800 HR
TOTAL HORSE MESA RELEASE			12,000 CFS	0800 HR

MORMON FLAT HOUR 0800

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 120.97′	ELEV 1639.97′	CONTENTS 39,705 AF	AVAIL +18,147 AF
CHANGE IN CONTENTS SINCE 1600 HR			-105 AF	
CALCULATED UNGAUGED INFLOW			0 CFS	
MORMON FLAT TOTAL RELEASE			12,000 CFS	0800 HR

STEWART MOUNTAIN HOUR 0800

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 107.90′	ELEV 1517.90′	CONTENTS 56,555 AF	AVAIL +13,210 AF
CHANGE IN CONTENTS SINCE 1600 HR			+335 AF	
CALCULATED UNGAUGED INFLOW			253 CFS	
ST MTN TOTAL RELEASE			12,000 CFS	0800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,516,937 AF
AVAIL STORAGE	+237,398 AF
STORAGE CHANGE SINCE 1600 HR	-9,967 AF
TOTAL CALCULATED UNGAUGED INFLOW	2,190 CFS

GRANITE REEF

SALT BELOW G. REEF	18,000 CFS	0800 HR
ARIZONA CANAL	155 CFS	0800 HR
SOUTH CANAL	115 CFS	0800 HR
TOTAL AT G. REEF	18,270 CFS	0800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/24/79 HOUR 0800 PERIOD 16.0 HR

VERDE RIVER

VERDE @ CAMP VERDE	GH	4.8	470 CFS	0800 HR
VERDE @ EAST VERDE	GH	6.8	1,721 CFS	0800 HR
VERDE @ TANGLE CRK	GH	5.7	1,559 CFS	0800 HR
VERDE BEELINE	GH	0.0	0 CFS	0800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 0800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 111.26′ ELEV 2011.26′ CONTENTS 93,500 AF AVAIL +37,927 AF

CHANGE IN CONTENTS SINCE 1600 HR +2,289 AF

CALCULATED UNGAUGED INFLOW 172 CFS

HORSESHOE TOTAL RELEASE 0 CFS 0800 HR

BARTLETT HOUR 0800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.46′ ELEV 1794.46′ CONTENTS 168,413 AF AVAIL +9,773 AF

CHANGE IN CONTENTS SINCE 1600 HR -3,381 AF

CALCULATED UNGAUGED INFLOW 1,843 CFS

BARTLETT TOTAL RELEASE 4,400 CFS 0800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY	+309,613 AF
PRESENT CONTENTS	+261,913 AF
AVAIL STORAGE	+47,700 AF
STORAGE CHANGE SINCE 1600 HR	-1,092 AF
TOTAL CALCULATED UNGAUGED INFLOW	2,015 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 01/24/79 TIME 0800

HORSESHOE

GH 111.26
RELEASE -0- CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2124.87
RELEASE 12,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

4.70

105 k

BARTLETT

GH 194.46
RELEASE 4400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.61
RELEASE _____ CFS
CHANGE OF RELEASE:
12,000 CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1639.97
RELEASE _____ CFS
CHANGE OF RELEASE:
12,000 CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 4.8
EAST VERDE 7.3
TONGLE CREEK 5.7

SALT RIVER CANYON 3.3
SALT ROOSEVELT 9.6
TONTO CREEK 4.0

STEWART MOUNTAIN

EL 1517.90
RELEASE _____ CFS
CHANGE IN RELEASE:
12,000 CFS
_____ TIME

GRANITE REEF 18,000

NS 155 SS 115

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/23/79 HOUR 1600 PERIOD 4.0 HR

SALT RIVER

SALT RIVER CANYON	GH 3.9	2,068 CFS	1600 HR
SALT ROOSEVELT	GH 10.0	2,354 CFS	1600 HR
TONTO CREEK	GH 3.9	497 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		2,851 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 223.55′	ELEV 2125.50′	CONTENTS 1,202,700 AF	AVAIL+178,880 AF
CHANGE IN CONTENTS SINCE 1200 HR			-2,503 AF	
CALCULATED UNGAUGED INFLOW			5,177 CFS	
ROOSEVELT TOTAL RELEASE			15,600 CFS	1600 HR

HORSE MESA HOUR 1600

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 257.49′	ELEV 1907.49′	CONTENTS 228,174 AF	AVAIL +16,964 AF
CHANGE IN CONTENTS SINCE 1200 HR			+77 AF	
CALCULATED UNGAUGED INFLOW			3,633 CFS	
HORSE MESA SPILLWAY RELEASE			0 CFS	1600 HR
HORSE MESA TUNNEL RELEASE			19,000 CFS	1600 HR
TOTAL HORSE MESA RELEASE			19,000 CFS	1600 HR

MORMON FLAT HOUR 1600

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 121.10′	ELEV 1640.10′	CONTENTS 39,810 AF	AVAIL +18,042 AF
CHANGE IN CONTENTS SINCE 1200 HR			+383 AF	
CALCULATED UNGAUGED INFLOW			0 CFS	
MORMON FLAT TOTAL RELEASE			12,343 CFS	1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 107.60′	ELEV 1517.60′	CONTENTS 56,220 AF	AVAIL +13,545 AF
CHANGE IN CONTENTS SINCE 1200 HR			-112 AF	
CALCULATED UNGAUGED INFLOW			0 CFS	
ST MTN TOTAL RELEASE			12,000 CFS	1600 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,526,904 AF
AVAIL STORAGE	+227,431 AF
STORAGE CHANGE SINCE 1200 HR	-2,155 AF
TOTAL CALCULATED UNGAUGED INFLOW	8,810 CFS

GRANITE REEF

SALT BELOW G. REEF		21,500 CFS	1600 HR
ARIZONA CANAL		155 CFS	1600 HR
SOUTH CANAL		115 CFS	1600 HR
TOTAL AT G. REEF		21,770 CFS	1600 HR

*** COMMENTS: ALL RIVER GH'S ESTIMATED

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/23/79 HOUR 1600 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE	GH	5.4	880 CFS	1600 HR
VERDE @ EAST VERDE	GH	7.1	2,119 CFS	1600 HR
VERDE @ TANGLE CRK	GH	6.5	2,200 CFS	1600 HR
VERDE BEELINE	GH	0.0	0 CFS	1600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 110.28′ ELEV 2010.28′ CONTENTS 91,211 AF AVAIL +40,216 AF

CHANGE IN CONTENTS SINCE 1200 HR +582 AF

CALCULATED UNGAUGED INFLOW 0 CFS

HORSESHOE TOTAL RELEASE 0 CFS 1600 HR

BARTLETT HOUR 1600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.70′ ELEV 1795.70′ CONTENTS 171,794 AF AVAIL +6,392 AF

CHANGE IN CONTENTS SINCE 1200 HR -822 AF

CALCULATED UNGAUGED INFLOW 1,913 CFS

BARTLETT TOTAL RELEASE 4,400 CFS 1600 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY	+309,613 AF
PRESENT CONTENTS	+263,005 AF
AVAIL STORAGE	+46,608 AF
STORAGE CHANGE SINCE 1200 HR	-240 AF
TOTAL CALCULATED UNGAUGED INFLOW	1,913 CFS

*** COMMENTS: ALL RIVER GH'S ESTIMATED

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1-23-79 TIME 1600

HORSESHOE

GH 1110.28
RELEASE ~~0~~ CFS
CHANGE OF RELEASE:
~~0~~ CFS
0940 TIME

ROOSEVELT

EL 2125.50
RELEASE 15,600 CFS NC
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 1975.70
RELEASE 4400 CFS
CHANGE OF RELEASE:
4400 CFS
_____ TIME

HORSE MESA

EL 1907.49
RELEASE 19000 CFS
CHANGE OF RELEASE:
19000 CFS ↑
1350 TIME

TUNNEL 19000
SPILL —
TOTAL 19000

MORMAN FLAT

EL 1640.10
RELEASE 12343 CFS
CHANGE OF RELEASE:
12343 CFS
1625 TIME

GAGE HEIGHTS

CAMP VERDE 5.4
EAST VERDE 7.6
TONGLE CREEK 6.5

SALT RIVER CANYON 3.9
SALT ROOSEVELT 16
TONTO CREEK 3.9

STEWART MOUNTAIN

EL 1517.60
RELEASE 12000 CFS
CHANGE IN RELEASE:
12000 CFS
1400 TIME

GRANITE REEF 21,500
NS 155 SS 115

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/23/79 HOUR 1200 PERIOD 4.0 HR

SALT RIVER

SALT RIVER CANYON	GH 3.9	2,068 CFS	1200 HR	} est.
SALT ROOSEVELT	GH 10.0	2,354 CFS	1200 HR	
TONTO CREEK	GH 3.9	497 CFS	1200 HR	
TOTAL INFLOW ROOSEVELT		2,851 CFS	1200 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 223.70′ ELEV 2125.65′ CONTENTS 1,205,203 AF AVAIL+176,377 AF
CHANGE IN CONTENTS SINCE 800 HR -3,004 AF
CALCULATED UNGAUGED INFLOW 3,662 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 15,600 CFS 1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.46′ ELEV 1907.46′ CONTENTS 228,097 AF AVAIL +17,041 AF
CHANGE IN CONTENTS SINCE 800 HR -563 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1200 HR
HORSE MESA TUNNEL 15,600 CFS 1200 HR
TOTAL HORSE MESA RELEASE 15,600 CFS 1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.62′ ELEV 1639.62′ CONTENTS 39,427 AF AVAIL +18,425 AF
CHANGE IN CONTENTS SINCE 800 HR +104 AF
CALCULATED UNGAUGED INFLOW 315 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF
MORMON FLA TOTAL RELEASE 15,600 CFS 1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.70′ ELEV 1517.70′ CONTENTS 56,332 AF AVAIL +13,433 AF
CHANGE IN CONTENTS SINCE 800 HR +112 AF
CALCULATED UNGAUGED INFLOW 339 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF
ST MTN TOTAL RELEASE 15,600 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,529,059 AF
AVAIL STORAGE +225,276 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 800 HR -3,351 AF
TOTAL CALCULATED UNGAUGED INFLOW 4,316 CFS

GRANITE REEF

SALT BELOW G. REEF	17,700 CFS	1200 HR	
ARIZONA CANAL	155 CFS	1200 HR	
SOUTH CANAL	115 CFS	1200 HR	
TOTAL AT G. REEF	17,970 CFS	1200 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/23/79 HOUR 1200 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE	GH 5.4	880 CFS	1200 HR	} EST.
VERDE @ EAST VERDE	GH 7.1	2,119 CFS	1200 HR	
VERDE @ TANGLE CRK	GH 6.5	2,200 CFS	1200 HR	
VERDE BEELINE	GH 0.0	0 CFS	1200 HR	

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 110.03′ ELEV 2010.03′ CONTENTS 90,629 AF AVAIL +40,798 AF

CHANGE IN CONTENTS SINCE 800 HR +1,632 AF

CALCULATED UNGAUGED INFLOW 2,737 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 0 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 196.00′ ELEV 1796.00′ CONTENTS 172,616 AF AVAIL +5,570 AF

CHANGE IN CONTENTS SINCE 800 HR +82 AF

CALCULATED UNGAUGED INFLOW 4,648 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +263,245 AF

AVAIL STORAGE +46,368 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR +1,714 AF

TOTAL CALCULATED UNGAUGED INFLOW 7,385 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 01/23/79 TIME 1200

HORSESHOE

GH 110.03
RELEASE 0 CFS
CHANGE OF RELEASE:
_____ CFS
@ 0940 TIME

ROOSEVELT

EL 2125.65
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 196.00
RELEASE 4,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.46
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL 15600
SPILL 0
TOTAL 15600

all Estimated

GAGE HEIGTHS

CAMP VERDE 5.4
EAST VERDE 7.6
TONGLE CREEK 6.5

SALT RIVER CANYON 3.9
SALT ROOSEVELT 10.0
TONTO CREEK 3.9

MORMAN FLAT

EL 1639.62
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

STEWART MOUNTAIN

EL 1517.70
RELEASE 15600 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 17,700
NS 155 SS 115

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/23/79 HOUR 800 PERIOD 16.0 HR

SALT RIVER

SALT RIVER CANYON	GH 3.9	2,068 CFS	800 HR	(ESTIMATED)
SALT ROOSEVELT	GH 10.0	2,354 CFS	800 HR	
TONTO CREEK	GH 3.9	497 CFS	800 HR	
TOTAL INFLOW ROOSEVELT		2,851 CFS	800 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 223.88′ ELEV 2125.83′ CONTENTS 1,208,207 AF AVAIL+173,373 AF
CHANGE IN CONTENTS SINCE 1600 HR -14,274 AF
CALCULATED UNGAUGED INFLOW 1,954 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 15,600 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.68′ ELEV 1907.68′ CONTENTS 228,660 AF AVAIL +16,478 AF
CHANGE IN CONTENTS SINCE 1600 HR +51 AF
CALCULATED UNGAUGED INFLOW 39 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	800 HR
HORSE MESA TUNNEL	15,600 CFS	800 HR
TOTAL HORSE MESA RELEASE	15,600 CFS	800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.49′ ELEV 1639.49′ CONTENTS 39,323 AF AVAIL +18,529 AF
CHANGE IN CONTENTS SINCE 1600 HR +705 AF
CALCULATED UNGAUGED INFLOW 533 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF
MORMON FLA TOTAL RELEASE 15,600 CFS 800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.60′ ELEV 1517.60′ CONTENTS 56,220 AF AVAIL +13,545 AF
CHANGE IN CONTENTS SINCE 1600 HR -446 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF
ST MTN TOTAL RELEASE 15,600 CFS 800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,532,410 AF
AVAIL STORAGE +221,925 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1600 HR -13,964 AF
TOTAL CALCULATED UNGAUGED INFLOW 2,526 CFS

GRANITE REEF

SALT BELOW G. REEF	17,700 CFS	800 HR
ARIZONA CANAL	155 CFS	800 HR
SOUTH CANAL	115 CFS	800 HR
TOTAL AT G. REEF	17,970 CFS	800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/23/79 HOUR 800 PERIOD 20.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 5.4 880 CFS 800 HR
VERDE @ EAST VERDE GH 7.1 2,119 CFS 800 HR
VERDE @ TANGLE CRK GH 6.5 2,200 CFS 800 HR

} ESTIMATED

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 109.32′ ELEV 2009.32′ CONTENTS 88,997 AF AVAIL +42,430 AF

CHANGE IN CONTENTS SINCE 1200 HR -2,959 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 3,814 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.97′ ELEV 1795.97′ CONTENTS 172,534 AF AVAIL +5,652 AF

CHANGE IN CONTENTS SINCE 1200 HR +1,726 AF

CALCULATED UNGAUGED INFLOW 1,630 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 800 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +261,531 AF

AVAIL STORAGE +48,082 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR -1,233 AF

TOTAL CALCULATED UNGAUGED INFLOW 1,630 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1-23-79 TIME 0800

HORSESHOE

(0800) GH 109.32
RELEASE 3814 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2125.83
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 195.97
RELEASE 4400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.61
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1639.49
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

STEWART MOUNTAIN

EL 1517.60
RELEASE 15600 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 5.4
EAST DEVER 7.6
TONGLE CREEK 6.5 ~~3.9~~ all EST.
SALT RIVER CANYON 3.9
SALT ROOSEVELT 10.0
TONTO CREEK 3.9

GRANITE REEF 17700
NS 155 SS 115

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/22/79 HOUR 1600 PERIOD 4.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.0	2,200 CFS	1600 HR
SALT ROOSEVELT	GH 10.0	2,354 CFS	1600 HR
TONTO CREEK	GH 4.0	552 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		2,906 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 224.73′ ELEV 2126.68′ CONTENTS 1,222,481 AF AVAIL+159,099 AF
CHANGE IN CONTENTS SINCE 1200 HR -2,018 AF
CALCULATED UNGAUGED INFLOW 6,590 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	15,600 CFS	1600 HR

HORSE MESA HOUR 1600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.66′ ELEV 1907.66′ CONTENTS 228,609 AF AVAIL +16,529 AF
CHANGE IN CONTENTS SINCE 1200 HR +2,831 AF
CALCULATED UNGAUGED INFLOW 8,564 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1600 HR
HORSE MESA TUNNEL	15,600 CFS	1600 HR
TOTAL HORSE MESA RELEASE	15,600 CFS	1600 HR

MORMON FLAT HOUR 1600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.60′ ELEV 1638.60′ CONTENTS 38,618 AF AVAIL +19,234 AF
CHANGE IN CONTENTS SINCE 1200 HR -872 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 10,279 AF

MORMON FLA TOTAL RELEASE	15,600 CFS	1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 108.00′ ELEV 1518.00′ CONTENTS 56,666 AF AVAIL +13,099 AF
CHANGE IN CONTENTS SINCE 1200 HR +668 AF
CALCULATED UNGAUGED INFLOW 4,368 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 7,807 AF

ST MTN TOTAL RELEASE	17,947 CFS	1600 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,546,374 AF
AVAIL STORAGE +207,961 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1200 HR +609 AF
TOTAL CALCULATED UNGAUGED INFLOW 19,522 CFS

GRANITE REEF

SALT BELOW G. REEF	3,500 CFS	1600 HR
ARIZONA CANAL	155 CFS	1600 HR
SOUTH CANAL	110 CFS	1600 HR
TOTAL AT G. REEF	3,765 CFS	1600 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1-22-79 TIME 1600

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2126.68
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
±1500 TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.66
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
±1500 TIME

NO 1600 READS AVAILABLE ON VERDE

MORMON FLAT

EL 1638.60
RELEASE 15600 CFS
CHANGE OF RELEASE:
_____ CFS
±1500 TIME

GAGE HEIGHTS

CAMP VERDE _____
EAST VERDE _____
TANGLE CREEK _____

SALT RIVER CANYON 4.1
SALT ROOSEVELT 10.1
TONTO CREEK 4.0

STEWART MOUNTAIN

EL 1518.00
RELEASE 17947 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 3500 APPROX
NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/22/79 HOUR 1200 PERIOD 4.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.0	2,200 CFS	1200 HR
SALT ROOSEVELT	GH 10.0	2,354 CFS	1200 HR
TONTO CREEK	GH 4.0	552 CFS	1200 HR
TOTAL INFLOW ROOSEVELT		2,906 CFS	1200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 224.85′ ELEV 2126.80′ CONTENTS 1,224,499 AF AVAIL+157,081 AF
CHANGE IN CONTENTS SINCE 800 HR +1,009 AF
CALCULATED UNGAUGED INFLOW 4,146 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 4,000 CFS 1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 256.55′ ELEV 1906.55′ CONTENTS 225,778 AF AVAIL +19,360 AF
CHANGE IN CONTENTS SINCE 800 HR -889 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1200 HR
HORSE MESA TUNNEL	0 CFS	1200 HR
TOTAL HORSE MESA RELEASE	0 CFS	1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.70′ ELEV 1639.70′ CONTENTS 39,490 AF AVAIL +18,362 AF
CHANGE IN CONTENTS SINCE 800 HR +310 AF
CALCULATED UNGAUGED INFLOW 2,288 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF
MORMON FLA TOTAL RELEASE 1,350 CFS 1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.40′ ELEV 1517.40′ CONTENTS 55,998 AF AVAIL +13,767 AF
CHANGE IN CONTENTS SINCE 800 HR +335 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF
ST MTN TOTAL RELEASE 0 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,545,765 AF
AVAIL STORAGE +208,570 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 800 HR +765 AF
TOTAL CALCULATED UNGAUGED INFLOW 6,434 CFS

GRANITE REEF

SALT BELOW G. REEF	16,000 CFS	1200 HR
ARIZONA CANAL	155 CFS	1200 HR
SOUTH CANAL	100 CFS	1200 HR
TOTAL AT G. REEF	16,255 CFS	1200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/22/79 HOUR 1200 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 5.5 960 CFS 1200 HR

VERDE @ EAST VERDE GH 7.2 2,264 CFS 1200 HR

VERDE @ TANGLE CRK GH 6.6 2,298 CFS 1200 HR

VERDE BEELINE GH 0.0 0 CFS 1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 110.60′ ELEV 2010.60′ CONTENTS 91,956 AF AVAIL +39,471 AF

CHANGE IN CONTENTS SINCE 800 HR -978 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 4,025 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.34′ ELEV 1795.34′ CONTENTS 170,808 AF AVAIL +7,378 AF

CHANGE IN CONTENTS SINCE 800 HR +603 AF

CALCULATED UNGAUGED INFLOW 2,199 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +262,764 AF

AVAIL STORAGE +46,849 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR -375 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,199 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 01/22/79 TIME 1200 hrs

HORSESHOE

GH 110.60
RELEASE 402.5 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2126.80
RELEASE 4000 CFS
Rur CHANGE OF RELEASE:
_____ CFS
± 1000 TIME

BARTLETT

GH 195.34
RELEASE 4400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

off EL 1906.55
RELEASE 0 CFS
CHANGE OF RELEASE:
_____ CFS
± 1000 TIME

MORMAN FLAT

EL 1639.70
Rur RELEASE 1350 CFS
CHANGE OF RELEASE:
_____ CFS
± 1000 TIME

STEWART MOUNTAIN

EL 1517.40
RELEASE 0 CFS
CHANGE IN RELEASE:
± 1000 CFS
TIME

Chg adj. *

NO NOON Reads 1/22 HR)

GAGE HEIGHTS (~~1000 HR~~)

0 CAMP DEVER 5.5
-.50 EAST DEVER 7.7
0 TONTO CREEK ~~6.1~~ 6.6

0 SALT RIVER CANYON ~~3.9~~ 4.0
0 SALT ROOSEVELT ~~10.1~~ 10.0
0 TONTO CREEK 4.0 (EST)

GRANITE REEF 16,000

NS 155 SS 100

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/22/79 HOUR 800 PERIOD 12.0 HR

SALT RIVER

SALT RIVER CANYON	GH 3.9	2,068 CFS	800 HR
SALT ROOSEVELT	GH 10.1	2,535 CFS	800 HR
TONTO CREEK	GH 4.4	(871) CFS	800 HR (EST)
TOTAL INFLOW ROOSEVELT		3,406 CFS	800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 224.79′ ELEV 2126.74′ CONTENTS 1,223,490 AF AVAIL+158,090 AF
CHANGE IN CONTENTS SINCE 2000 HR -12,318 AF
CALCULATED UNGAUGED INFLOW 4,573 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 20,400 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 256.90′ ELEV 1906.90′ CONTENTS 226,667 AF AVAIL +18,471 AF
CHANGE IN CONTENTS SINCE 2000 HR -2,530 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	800 HR
HORSE MESA TUNNEL	21,135 CFS	800 HR
TOTAL HORSE MESA RELEASE	21,135 CFS	800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.31′ ELEV 1639.31′ CONTENTS 39,180 AF AVAIL +18,672 AF
CHANGE IN CONTENTS SINCE 2000 HR +247 AF
CALCULATED UNGAUGED INFLOW 1,752 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF
MORMON FLA TOTAL RELEASE 22,638 CFS 800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.10′ ELEV 1517.10′ CONTENTS 55,663 AF AVAIL +14,102 AF
CHANGE IN CONTENTS SINCE 2000 HR +331 AF
CALCULATED UNGAUGED INFLOW 1,280 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF
ST MTN TOTAL RELEASE 23,584 CFS 800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,545,000 AF
AVAIL STORAGE +209,335 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2000 HR -14,270 AF
TOTAL CALCULATED UNGAUGED INFLOW 7,605 CFS

GRANITE REEF

SALT BELOW G. REEF	28,000 CFS	800 HR
ARIZONA CANAL	155 CFS	800 HR
SOUTH CANAL	100 CFS	800 HR
TOTAL AT G. REEF	28,255 CFS	800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/22/79 HOUR 800 PERIOD 12.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 5.4 880 CFS 800 HR

VERDE @ EAST VERDE GH 8.9 5,124 CFS 800 HR ?

VERDE @ TANGLE CRK GH 6.8 2,494 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 111.02′ ELEV 2011.02′ CONTENTS 92,934 AF AVAIL +38,493 AF

CHANGE IN CONTENTS SINCE 2000 HR -1,367 AF

CALCULATED UNGAUGED INFLOW 153 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 4,025 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.12′ ELEV 1795.12′ CONTENTS 170,205 AF AVAIL +7,981 AF

CHANGE IN CONTENTS SINCE 2000 HR +1,196 AF

CALCULATED UNGAUGED INFLOW 1,581 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 800 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +263,139 AF

AVAIL STORAGE +46,474 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2000 HR -171 AF

TOTAL CALCULATED UNGAUGED INFLOW 1,734 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 01/22/79 TIME 0800

HORSESHOE

(0800) GH 111.02
RELEASE 4025 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2126.74
RELEASE 20400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

(0800) GH 195.12
RELEASE 4400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1906.90
RELEASE 21135 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1639.31
RELEASE 22638 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

Call

GAGE HEIGHTS

CAMP DEVOL 5.4
EAST DEVOL 7.7
TONGLE CREEK 6.8

SALT RIVER CANYON 3.9
SALT ROOSEVELT 10.1
TONTO CREEK 4.4

STEWART MOUNTAIN

EL 1517.10
RELEASE 23584 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 28,000

NS 155 SS 100

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 2000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.1	2,340 CFS	2000 HR
SALT ROOSEVELT	GH 10.3	2,898 CFS	2000 HR
TONTO CREEK	GH 4.6	1,058 CFS	2000 HR
TOTAL INFLOW ROOSEVELT		3,956 CFS	2000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.52′ ELEV 2127.47′ CONTENTS 1,235,808 AF AVAIL+145,772 AF
CHANGE IN CONTENTS SINCE 1900 HR -507 AF
CALCULATED UNGAUGED INFLOW 10,409 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 20,500 CFS 2000 HR

HORSE MESA HOUR 2000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.89′ ELEV 1907.89′ CONTENTS 229,197 AF AVAIL +15,941 AF
CHANGE IN CONTENTS SINCE 1900 HR -51 AF
CALCULATED UNGAUGED INFLOW 683 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2000 HR
HORSE MESA TUNNEL 21,800 CFS 2000 HR
TOTAL HORSE MESA RELEASE 21,800 CFS 2000 HR

MORMON FLAT HOUR 2000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.00′ ELEV 1639.00′ CONTENTS 38,933 AF AVAIL +18,919 AF
CHANGE IN CONTENTS SINCE 1900 HR +47 AF
CALCULATED UNGAUGED INFLOW 469 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,700 CFS 2000 HR

STEWART MOUNTAIN HOUR 2000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 106.80′ ELEV 1516.80′ CONTENTS 55,332 AF AVAIL +14,433 AF
CHANGE IN CONTENTS SINCE 1900 HR +110 AF
CALCULATED UNGAUGED INFLOW 231 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 7,807 AF
ST MTN TOTAL RELEASE 20,600 CFS 2000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,559,270 AF
AVAIL STORAGE	+195,065 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1900 HR	-401 AF
TOTAL CALCULATED UNGAUGED INFLOW	11,792 CFS

GRANITE REEF

SALT BELOW G. REEF	28,000 CFS	2000 HR
ARIZONA CANAL	155 CFS	2000 HR
SOUTH CANAL	110 CFS	2000 HR
TOTAL AT G. REEF	28,265 CFS	2000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 2000 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 5.6 1,050 CFS 2000 HR

VERDE @ EAST VERDE GH 9.1 5,514 CFS 2000 HR

VERDE @ TANGLE CRK GH 7.2 2,914 CFS 2000 HR

VERDE BEELINE GH 0.0 0 CFS 2000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 111.60′ ELEV 2011.60′ CONTENTS 94,301 AF AVAIL +37,126 AF

CHANGE IN CONTENTS SINCE 1600 HR -472 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 4,095 CFS 2000 HR

BARTLETT HOUR 2000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.68′ ELEV 1794.68′ CONTENTS 169,009 AF AVAIL +9,177 AF

CHANGE IN CONTENTS SINCE 1600 HR +407 AF

CALCULATED UNGAUGED INFLOW 1,536 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 2000 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +263,310 AF

AVAIL STORAGE +46,303 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1600 HR -65 AF

TOTAL CALCULATED UNGAUGED INFLOW 1,536 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 2000

HORSESHOE

GH 111.60
RELEASE 4095 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.47
RELEASE 20,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.68
RELEASE 4400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.89
RELEASE 21,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1639.00
RELEASE 21,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 5.6
EAST DEVER 7.9
TONGLE CREEK 7.2

SALT RIVER CANYON 4.1
SALT ROOSEVELT 10.3
TONTO CREEK 4.6

STEWART MOUNTAIN

EL 1516.80
RELEASE 20,600 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 28,000

NS 155 SS 110

REV 1-17-79

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.1	2,340 CFS	1900 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1900 HR
TONTO CREEK	GH 4.6	1,058 CFS	1900 HR
TOTAL INFLOW ROOSEVELT		4,137 CFS	1900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.55′ ELEV 2127.50′ CONTENTS 1,236,315 AF AVAIL+145,265 AF
CHANGE IN CONTENTS SINCE 1800 HR -1,690 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 20,600 CFS 1900 HR

HORSE MESA HOUR 1900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.91′ ELEV 1907.91′ CONTENTS 229,248 AF AVAIL +15,890 AF
CHANGE IN CONTENTS SINCE 1800 HR -128 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1900 HR
HORSE MESA TUNNEL 21,900 CFS 1900 HR
TOTAL HORSE MESA RELEASE 21,900 CFS 1900 HR

MORMON FLAT HOUR 1900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.94′ ELEV 1638.94′ CONTENTS 38,886 AF AVAIL +18,966 AF
CHANGE IN CONTENTS SINCE 1800 HR +71 AF
CALCULATED UNGAUGED INFLOW 659 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,700 CFS 1900 HR

STEWART MOUNTAIN HOUR 1900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 106.70′ ELEV 1516.70′ CONTENTS 55,222 AF AVAIL +14,543 AF
CHANGE IN CONTENTS SINCE 1800 HR +110 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 7,807 AF
ST MTN TOTAL RELEASE 20,300 CFS 1900 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,559,671 AF
AVAIL STORAGE	+194,664 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1800 HR	-1,637 AF
TOTAL CALCULATED UNGAUGED INFLOW	659 CFS

GRANITE REEF

SALT BELOW G. REEF	29,500 CFS	1900 HR
ARIZONA CANAL	155 CFS	1900 HR
SOUTH CANAL	110 CFS	1900 HR
TOTAL AT G. REEF	29,765 CFS	1900 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 1900

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.50
RELEASE 20,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.91
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.94
RELEASE 21,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVEN 5.6
EAST DEVEDE 7.9
TANGLE CREEK 7.3

SALT RIVER CANYON 4.1
SALT ROOSEVELT 10.4
TONTO CREEK 4.6

STEWART MOUNTAIN

EL 1516.70
RELEASE 20,300 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 29,500

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.2	2,480 CFS	1800 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1800 HR
TONTO CREEK	GH 4.6	1,058 CFS	1800 HR
TOTAL INFLOW ROOSEVELT		4,137 CFS	1800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.65′ ELEV 2127.60′ CONTENTS 1,238,005 AF AVAIL+143,575 AF
CHANGE IN CONTENTS SINCE 1700 HR -845 AF
CALCULATED UNGAUGED INFLOW 6,639 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 21,000 CFS 1800 HR

HORSE MESA HOUR 1800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.96′ ELEV 1907.96′ CONTENTS 229,376 AF AVAIL +15,762 AF
CHANGE IN CONTENTS SINCE 1700 HR -51 AF
CALCULATED UNGAUGED INFLOW 283 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1800 HR
HORSE MESA TUNNEL	21,900 CFS	1800 HR
TOTAL HORSE MESA RELEASE	21,900 CFS	1800 HR

MORMON FLAT HOUR 1800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.85′ ELEV 1638.85′ CONTENTS 38,815 AF AVAIL +19,037 AF
CHANGE IN CONTENTS SINCE 1700 HR +39 AF
CALCULATED UNGAUGED INFLOW 272 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,700 CFS 1800 HR

STEWART MOUNTAIN HOUR 1800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 106.60′ ELEV 1516.60′ CONTENTS 55,112 AF AVAIL +14,653 AF
CHANGE IN CONTENTS SINCE 1700 HR +110 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 7,807 AF
ST MTN TOTAL RELEASE 20,300 CFS 1800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,561,308 AF
AVAIL STORAGE	+193,027 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1700 HR	-747 AF
TOTAL CALCULATED UNGAUGED INFLOW	7,194 CFS

GRANITE REEF

SALT BELOW G. REEF	32,000 CFS	1800 HR
ARIZONA CANAL	155 CFS	1800 HR
SOUTH CANAL	110 CFS	1800 HR
TOTAL AT G. REEF	32,265 CFS	1800 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 1800

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.60
RELEASE 21,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.96
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.85
RELEASE 21,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 5.7
EAST DEVER 8.0
TANGLE CREEK 7.3

SALT RIVER CANYON 4.2
SALT ROOSEVELT 10.4
TONTO CREEK 4.6

STEWART MOUNTAIN

EL 1516.60
RELEASE 20,300 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 32,000

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/21/79 HOUR 1700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.2	2,480 CFS	1700 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1700 HR
TONTO CREEK	GH 4.7	1,165 CFS	1700 HR
TOTAL INFLOW ROOSEVELT		4,244 CFS	1700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.70′ ELEV 2127.65′ CONTENTS 1,238,850 AF AVAIL+142,730 AF
CHANGE IN CONTENTS SINCE 1600 HR -845 AF
CALCULATED UNGAUGED INFLOW 6,832 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 21,300 CFS 1700 HR

HORSE MESA HOUR 1700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.98′ ELEV 1907.98′ CONTENTS 229,427 AF AVAIL +15,711 AF
CHANGE IN CONTENTS SINCE 1600 HR -77 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1700 HR
HORSE MESA TUNNEL 21,900 CFS 1700 HR
TOTAL HORSE MESA RELEASE 21,900 CFS 1700 HR

MORMON FLAT HOUR 1700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.80′ ELEV 1638.80′ CONTENTS 38,776 AF AVAIL +19,076 AF
CHANGE IN CONTENTS SINCE 1600 HR +79 AF
CALCULATED UNGAUGED INFLOW 756 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,700 CFS 1700 HR

STEWART MOUNTAIN HOUR 1700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 106.50′ ELEV 1516.50′ CONTENTS 55,002 AF AVAIL +14,763 AF
CHANGE IN CONTENTS SINCE 1600 HR -110 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 7,807 AF
ST MTN TOTAL RELEASE 20,000 CFS 1700 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,562,055 AF
AVAIL STORAGE +192,280 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1600 HR -953 AF
TOTAL CALCULATED UNGAUGED INFLOW 7,588 CFS

GRANITE REEF

SALT BELOW G. REEF		34,500 CFS	1700 HR
ARIZONA CANAL		0 CFS	1700 HR
SOUTH CANAL		0 CFS	1700 HR
TOTAL AT G. REEF		34,500 CFS	1700 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 1700

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.65
RELEASE 21,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.98
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.80
RELEASE 21,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVOE 5.7
EAST DEVOE .80
TONGLE CREEK 7.3

SALT RIVER CANYON 4.2
SALT ROOSEVELT 10.4
TONTO CREEK 4.7

STEWART MOUNTAIN

EL 1516.50
RELEASE 20000 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 34,500

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.2	2,480 CFS	1600 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1600 HR
TONTO CREEK	GH 4.7	1,165 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		4,244 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.75′ ELEV 2127.70′ CONTENTS 1,239,695 AF AVAIL+141,885 AF
CHANGE IN CONTENTS SINCE 1500 HR -1,690 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 21,600 CFS 1600 HR

HORSE MESA HOUR 1600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.01′ ELEV 1908.01′ CONTENTS 229,504 AF AVAIL +15,634 AF
CHANGE IN CONTENTS SINCE 1500 HR +26 AF
CALCULATED UNGAUGED INFLOW 615 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1600 HR
HORSE MESA TUNNEL	21,900 CFS	1600 HR
TOTAL HORSE MESA RELEASE	21,900 CFS	1600 HR

MORMON FLAT HOUR 1600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.70′ ELEV 1638.70′ CONTENTS 38,697 AF AVAIL +19,155 AF
CHANGE IN CONTENTS SINCE 1500 HR +79 AF
CALCULATED UNGAUGED INFLOW 456 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,400 CFS 1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 106.60′ ELEV 1516.60′ CONTENTS 55,112 AF AVAIL +14,653 AF
CHANGE IN CONTENTS SINCE 1500 HR -110 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 7,807 AF
ST MTN TOTAL RELEASE 20,300 CFS 1600 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,563,008 AF
AVAIL STORAGE	+191,327 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1500 HR	-1,695 AF
TOTAL CALCULATED UNGAUGED INFLOW	1,071 CFS

GRANITE REEF

SALT BELOW G. REEF	36,000 CFS	1600 HR
ARIZONA CANAL	155 CFS	1600 HR
SOUTH CANAL	110 CFS	1600 HR
TOTAL AT G. REEF	36,265 CFS	1600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1600 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 5.7 1,150 CFS 1600 HR

VERDE @ EAST VERDE GH 9.2 5,716 CFS 1600 HR

VERDE @ TANGLE CRK GH 7.3 3,026 CFS 1600 HR

VERDE BEELINE GH 0.0 0 CFS 1600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 111.80′ ELEV 2011.80′ CONTENTS 94,773 AF AVAIL +36,654 AF

CHANGE IN CONTENTS SINCE 1200 HR -2,188 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 4,118 CFS 1600 HR

BARTLETT HOUR 1600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.53′ ELEV 1794.53′ CONTENTS 168,602 AF AVAIL +9,584 AF

CHANGE IN CONTENTS SINCE 1200 HR +325 AF

CALCULATED UNGAUGED INFLOW 1,265 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 1600 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +263,375 AF

AVAIL STORAGE +46,238 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR -1,863 AF

TOTAL CALCULATED UNGAUGED INFLOW 1,265 CFS

INFLOW - STORAGE - OUTFLOW - ADJUSTMENT

WORK SHEET

DATE 1/21/79 TIME 1600

HORSESHOE

GH 111.80
RELEASE 4115 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.70
RELEASE 21,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 1[illegible].53
RELEASE [illegible] CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.01
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.70
RELEASE 21,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVEE 5.1
EAST DEVEE 5.0
TANGLE CREEK 2.3

SALT RIVER CANYON 4.2
SALT ROOSEVELT 10.4
TONTO CREEK 4.7

STEWART MOUNTAIN

EL 1516.60
RELEASE 20,300 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF [illegible]
NS [illegible] SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.3	2,620 CFS	1500 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1500 HR
TONTO CREEK	GH 4.7	1,165 CFS	1500 HR
TOTAL INFLOW ROOSEVELT		4,244 CFS	1500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.85′ ELEV 2127.80′ CONTENTS 1,241,385 AF AVAIL+140,195 AF
CHANGE IN CONTENTS SINCE 1400 HR -1,183 AF
CALCULATED UNGAUGED INFLOW 3,442 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 22,000 CFS 1500 HR

HORSE MESA HOUR 1500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.00′ ELEV 1908.00′ CONTENTS 229,478 AF AVAIL +15,660 AF
CHANGE IN CONTENTS SINCE 1400 HR -77 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1500 HR
HORSE MESA TUNNEL 21,900 CFS 1500 HR
TOTAL HORSE MESA RELEASE 21,900 CFS 1500 HR

MORMON FLAT HOUR 1500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.60′ ELEV 1638.60′ CONTENTS 38,618 AF AVAIL +19,234 AF
CHANGE IN CONTENTS SINCE 1400 HR +86 AF
CALCULATED UNGAUGED INFLOW 541 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,400 CFS 1500 HR

STEWART MOUNTAIN HOUR 1500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 106.70′ ELEV 1516.70′ CONTENTS 55,222 AF AVAIL +14,543 AF
CHANGE IN CONTENTS SINCE 1400 HR -330 AF
CALCULATED UNGAUGED INFLOW 1,207 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 7,807 AF
ST MTN TOTAL RELEASE 26,600 CFS 1500 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,564,703 AF
AVAIL STORAGE +189,632 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1400 HR -1,504 AF
TOTAL CALCULATED UNGAUGED INFLOW 5,190 CFS

GRANITE REEF

SALT BELOW G. REEF	37,500 CFS	1500 HR
ARIZONA CANAL	155 CFS	1500 HR
SOUTH CANAL	110 CFS	1500 HR
TOTAL AT G. REEF	37,765 CFS	1500 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 1500

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.80
RELEASE 22,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

HORSE MESA

EL 1908.0
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.60
RELEASE 21,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 5.7
EAST DEVER 8.0
TONGLE CREEK 7.3

SALT RIVER CANYON 4.3
SALT ROOSEVELT 10.4
TONTO CREEK 4.7

STEWART MOUNTAIN

EL 1516.70
RELEASE 26,600 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 37,500

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.3	2,620 CFS	1400 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1400 HR
TONTO CREEK	GH 4.8	1,271 CFS	1400 HR
TOTAL INFLOW ROOSEVELT		4,350 CFS	1400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.92′ ELEV 2127.87′ CONTENTS 1,242,568 AF AVAIL+139,012 AF
CHANGE IN CONTENTS SINCE 1300 HR -1,352 AF
CALCULATED UNGAUGED INFLOW 1,391 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 22,100 CFS 1400 HR

HORSE MESA HOUR 1400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.03′ ELEV 1908.03′ CONTENTS 229,555 AF AVAIL +15,583 AF
CHANGE IN CONTENTS SINCE 1300 HR +154 AF
CALCULATED UNGAUGED INFLOW 1,663 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1400 HR
HORSE MESA TUNNEL	21,900 CFS	1400 HR
TOTAL HORSE MESA RELEASE	21,900 CFS	1400 HR

MORMON FLAT HOUR 1400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.49′ ELEV 1638.49′ CONTENTS 38,532 AF AVAIL +19,320 AF
CHANGE IN CONTENTS SINCE 1300 HR +79 AF
CALCULATED UNGAUGED INFLOW 256 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,200 CFS 1400 HR

STEWART MOUNTAIN HOUR 1400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.00′ ELEV 1517.00′ CONTENTS 55,552 AF AVAIL +14,213 AF
CHANGE IN CONTENTS SINCE 1300 HR -557 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 7,807 AF
ST MTN TOTAL RELEASE 27,100 CFS 1400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,566,207 AF
AVAIL STORAGE	+188,128 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1300 HR	-1,676 AF
TOTAL CALCULATED UNGAUGED INFLOW	3,310 CFS

GRANITE REEF

SALT BELOW G. REEF	37,500 CFS	1400 HR
ARIZONA CANAL	155 CFS	1400 HR
SOUTH CANAL	110 CFS	1400 HR
TOTAL AT G. REEF	37,765 CFS	1400 HR

29,784

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 1400

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.87
RELEASE 22,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.03
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.49
RELEASE 21,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 5.8
EAST DEVER 8.0
TONTO CREEK 7.4

SALT RIVER CANYON 4.3
SALT ROOSEVELT 10.4
TONTO CREEK 4.8

STEWART MOUNTAIN

EL 1517.00
RELEASE 27,100 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 37,500

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.3	2,620 CFS	1400 HR
SALT ROOSEVELT	GH 10.4	3,079 CFS	1400 HR
TONTO CREEK	GH 4.8	1,271 CFS	1400 HR
TOTAL INFLOW ROOSEVELT		4,350 CFS	1400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 225.92′ ELEV 2127.87′ CONTENTS 1,242,568 AF AVAIL+139,012 AF
CHANGE IN CONTENTS SINCE 1300 HR -1,352 AF
CALCULATED UNGAUGED INFLOW 1,391 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 22,100 CFS 1400 HR

HORSE MESA HOUR 1400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.03′ ELEV 1908.03′ CONTENTS 229,555 AF AVAIL +15,583 AF
CHANGE IN CONTENTS SINCE 1300 HR +154 AF
CALCULATED UNGAUGED INFLOW 1,663 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1400 HR
HORSE MESA TUNNEL	21,900 CFS	1400 HR
TOTAL HORSE MESA RELEASE	21,900 CFS	1400 HR

MORMON FLAT HOUR 1400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.49′ ELEV 1638.49′ CONTENTS 38,532 AF AVAIL +19,320 AF
CHANGE IN CONTENTS SINCE 1300 HR +79 AF
CALCULATED UNGAUGED INFLOW 256 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 21,200 CFS 1400 HR

STEWART MOUNTAIN HOUR 1400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.00′ ELEV 1517.00′ CONTENTS 55,552 AF AVAIL +14,213 AF
CHANGE IN CONTENTS SINCE 1300 HR -557 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 7,807 AF
ST MTN TOTAL RELEASE 27,100 CFS 1400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,566,207 AF
AVAIL STORAGE	+188,128 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1300 HR	-1,676 AF
TOTAL CALCULATED UNGAUGED INFLOW	3,310 CFS

GRANITE REEF

SALT BELOW G. REEF	37,500 CFS	1400 HR
ARIZONA CANAL	155 CFS	1400 HR
SOUTH CANAL	110 CFS	1400 HR
TOTAL AT G. REEF	37,765 CFS	1400 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 1300

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2127.95
RELEASE 22,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.97
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.39
RELEASE 20,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DIXIE 5.8
EAST DIXIE 8.1
TANGLE CREEK 7.4

SALT RIVER CANYON 4.3
SALT ROOSEVELT 10.5
TONTO CREEK 4.8

STEWART MOUNTAIN

EL 1517.50
RELEASE 29,200 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 38,500

NS 155 SS 110

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1200 PERIOD -4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 5.9 1,350 CFS 1200 HR

VERDE @ EAST VERDE GH 9.3 5,917 CFS 1200 HR

VERDE @ TANGLE CRK GH 7.5 3,250 CFS 1200 HR

VERDE BEELINE GH 0.0 0 CFS 1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 112.72′ ELEV 2012.72′ CONTENTS 96,961 AF AVAIL +34,466 AF

CHANGE IN CONTENTS SINCE 800 HR -549 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 4,200 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.41′ ELEV 1794.41′ CONTENTS 168,277 AF AVAIL +9,909 AF

CHANGE IN CONTENTS SINCE 800 HR +948 AF

CALCULATED UNGAUGED INFLOW 3,068 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +265,238 AF

AVAIL STORAGE +44,375 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR +399 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,068 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.3	2,620 CFS	1200 HR
SALT ROOSEVELT	GH 10.5	3,260 CFS	1200 HR
TONTO CREEK	GH 4.8	1,271 CFS	1200 HR
TOTAL INFLOW ROOSEVELT		4,531 CFS	1200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.05′ ELEV 2128.00′ CONTENTS 1,244,767 AF AVAIL+136,813 AF
CHANGE IN CONTENTS SINCE 1100 HR -847 AF
CALCULATED UNGAUGED INFLOW 7,720 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 22,500 CFS 1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.97′ ELEV 1907.97′ CONTENTS 229,401 AF AVAIL +15,737 AF
CHANGE IN CONTENTS SINCE 1100 HR +0 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1200 HR
HORSE MESA TUNNEL	21,900 CFS	1200 HR
TOTAL HORSE MESA RELEASE	21,900 CFS	1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.30′ ELEV 1638.30′ CONTENTS 38,382 AF AVAIL +19,470 AF
CHANGE IN CONTENTS SINCE 1100 HR +126 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF
MORMON FLA TOTAL RELEASE 20,000 CFS 1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 107.90′ ELEV 1517.90′ CONTENTS 56,555 AF AVAIL +13,210 AF
CHANGE IN CONTENTS SINCE 1100 HR -674 AF
CALCULATED UNGAUGED INFLOW 2,645 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF
ST MTN TOTAL RELEASE 30,800 CFS 1200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,569,105 AF
AVAIL STORAGE	+185,230 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1100 HR	-1,395 AF
TOTAL CALCULATED UNGAUGED INFLOW	10,365 CFS

GRANITE REEF

SALT BELOW G. REEF	40,500 CFS	1200 HR
ARIZONA CANAL	155 CFS	1200 HR
SOUTH CANAL	110 CFS	1200 HR
TOTAL AT G. REEF	40,765 CFS	1200 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY
WORK SHEET

DATE 1/21 TIME 1200

HORSESHOE

GH 112.72
RELEASE 4200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.00
RELEASE 22,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.41
RELEASE 4400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.97
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.30
RELEASE 20,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGTHS

CAMP VERDE 5.9
EAST VERDE 8.1
TANGLE CREEK 7.5

SALT RIVER CANYON 4.3
SALT ROOSEVELT 10.5
TONTO CREEK 4.8

STEWART MOUNTAIN

EL 1517.90
RELEASE 30,800 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 40500
NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	1100 HR
SALT ROOSEVELT	GH 10.5	3,260 CFS	1100 HR
TONTO CREEK	GH 0.0	0 CFS	1100 HR
TOTAL INFLOW ROOSEVELT		3,260 CFS	1100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.10′ ELEV 2128.05′ CONTENTS 1,245,614 AF AVAIL+135,966 AF
CHANGE IN CONTENTS SINCE 1000 HR -1,016 AF
CALCULATED UNGAUGED INFLOW 7,446 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 23,000 CFS 1100 HR

HORSE MESA HOUR 1100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.97′ ELEV 1907.97′ CONTENTS 229,401 AF AVAIL +15,737 AF
CHANGE IN CONTENTS SINCE 1000 HR +102 AF
CALCULATED UNGAUGED INFLOW 134 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1100 HR
HORSE MESA TUNNEL	21,900 CFS	1100 HR
TOTAL HORSE MESA RELEASE	21,900 CFS	1100 HR

MORMON FLAT HOUR 1100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.14′ ELEV 1638.14′ CONTENTS 38,256 AF AVAIL +19,596 AF
CHANGE IN CONTENTS SINCE 1000 HR +94 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 20,000 CFS 1100 HR

STEWART MOUNTAIN HOUR 1100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 108.50′ ELEV 1518.50′ CONTENTS 57,229 AF AVAIL +12,536 AF
CHANGE IN CONTENTS SINCE 1000 HR -338 AF
CALCULATED UNGAUGED INFLOW 5,610 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 7,807 AF
ST MTN TOTAL RELEASE 29,700 CFS 1100 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,570,500 AF
AVAIL STORAGE	+183,835 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1000 HR	-1,158 AF
TOTAL CALCULATED UNGAUGED INFLOW	13,190 CFS

GRANITE REEF

SALT BELOW G. REEF	40,500 CFS	1100 HR
ARIZONA CANAL	155 CFS	1100 HR
SOUTH CANAL	110 CFS	1100 HR
TOTAL AT G. REEF	40,765 CFS	1100 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 1100

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.05
RELEASE 23,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.97
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.14
RELEASE 20,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 5.9
EAST DEVER 8.1
TONGLE CREEK 7.5

SALT RIVER CANYON 4.4
SALT ROOSEVELT 10.5
TONTO CREEK _____

STEWART MOUNTAIN

EL 1518.50
RELEASE 29,700 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 40500

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 1000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	1000 HR
SALT ROOSEVELT	GH 10.5	3,260 CFS	1000 HR
TONTO CREEK	GH 0.0	0 CFS	1000 HR
TOTAL INFLOW ROOSEVELT		3,260 CFS	1000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.16′ ELEV 2128.11′ CONTENTS 1,246,630 AF AVAIL+134,950 AF
CHANGE IN CONTENTS SINCE 900 HR -1,017 AF
CALCULATED UNGAUGED INFLOW 7,634 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 23,200 CFS 1000 HR

HORSE MESA HOUR 1000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.93′ ELEV 1907.93′ CONTENTS 229,299 AF AVAIL +15,839 AF
CHANGE IN CONTENTS SINCE 900 HR +128 AF
CALCULATED UNGAUGED INFLOW 249 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1000 HR
HORSE MESA TUNNEL 21,900 CFS 1000 HR
TOTAL HORSE MESA RELEASE 21,900 CFS 1000 HR

MORMON FLAT HOUR 1000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.02′ ELEV 1638.02′ CONTENTS 38,162 AF AVAIL +19,690 AF
CHANGE IN CONTENTS SINCE 900 HR -401 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 26,000 CFS 1000 HR

STEWART MOUNTAIN HOUR 1000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 108.80′ ELEV 1518.80′ CONTENTS 57,567 AF AVAIL +12,198 AF
CHANGE IN CONTENTS SINCE 900 HR +901 AF
CALCULATED UNGAUGED INFLOW 16,302 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 7,807 AF
ST MTN TOTAL RELEASE 31,400 CFS 1000 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,571,658 AF
AVAIL STORAGE +182,677 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 900 HR -389 AF
TOTAL CALCULATED UNGAUGED INFLOW 24,185 CFS

GRANITE REEF

SALT BELOW G. REEF	40,500 CFS	1000 HR
ARIZONA CANAL	155 CFS	1000 HR
SOUTH CANAL	110 CFS	1000 HR
TOTAL AT G. REEF	40,765 CFS	1000 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 1000

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.11
RELEASE 23,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.93
RELEASE 21,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.02
RELEASE 26,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 6.0
EAST VERDE 8.1
TONGLE CREEK 7.6

SALT RIVER CANYON 4.4
SALT ROOSEVELT 10.5
TONTO CREEK 0

STEWART MOUNTAIN

EL 1518.80
RELEASE 31,400 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 40,500

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.3	2,620 CFS	900 HR
SALT ROOSEVELT	GH 10.5	3,260 CFS	900 HR
TONTO CREEK	GH 0.0	0 CFS	900 HR
TOTAL INFLOW ROOSEVELT		3,260 CFS	900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.22′ ELEV 2128.17′ CONTENTS 1,247,647 AF AVAIL+133,933 AF
CHANGE IN CONTENTS SINCE 800 HR -1,694 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 900 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	23,300 CFS	900 HR

HORSE MESA HOUR 900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.88′ ELEV 1907.88′ CONTENTS 229,171 AF AVAIL +15,967 AF
CHANGE IN CONTENTS SINCE 800 HR +2,250 AF
CALCULATED UNGAUGED INFLOW 25,725 CFS
SURCHARGE CONTENTS AVAIL 900 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	900 HR
HORSE MESA TUNNEL	21,800 CFS	900 HR
TOTAL HORSE MESA RELEASE	21,800 CFS	900 HR

MORMON FLAT HOUR 900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.53′ ELEV 1638.53′ CONTENTS 38,563 AF AVAIL +19,289 AF
CHANGE IN CONTENTS SINCE 800 HR -158 AF
CALCULATED UNGAUGED INFLOW 3,888 CFS
SURCHARGE CONTENTS AVAIL 900 HR 10,279 AF

MORMON FLA TOTAL RELEASE	27,600 CFS	900 HR

STEWART MOUNTAIN HOUR 900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 108.00′ ELEV 1518.00′ CONTENTS 56,666 AF AVAIL +13,099 AF
CHANGE IN CONTENTS SINCE 800 HR -1,354 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 900 HR 7,807 AF

ST MTN TOTAL RELEASE	31,700 CFS	900 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,572,047 AF
AVAIL STORAGE +182,288 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 800 HR -956 AF
TOTAL CALCULATED UNGAUGED INFLOW 29,613 CFS

GRANITE REEF

SALT BELOW G. REEF		43,200 CFS	900 HR
ARIZONA CANAL		155 CFS	900 HR
SOUTH CANAL		110 CFS	900 HR
TOTAL AT G. REEF		43,465 CFS	900 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0900

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.17
RELEASE 23,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.88
RELEASE 21,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.53
RELEASE 27,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 6.0
EAST VERDE 6.1
TONGLE CREEK 7.6

SALT RIVER CANYON 4.3
SALT ROOSEVELT 10.5
TONTO CREEK _____

STEWART MOUNTAIN

EL 1518.00
RELEASE 31,700 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 43,200

NS 155 SS 110

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 800 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.1 1,560 CFS 800 HR

VERDE @ EAST VERDE GH 9.3 5,917 CFS 800 HR

VERDE @ TANGLE CRK GH 7.7 3,508 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 112.95′ ELEV 2012.95′ CONTENTS 97,510 AF AVAIL +33,917 AF

CHANGE IN CONTENTS SINCE 400 HR -771 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 5,651 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.06′ ELEV 1794.06′ CONTENTS 167,329 AF AVAIL +10,857 AF

CHANGE IN CONTENTS SINCE 400 HR +1,020 AF

CALCULATED UNGAUGED INFLOW 1,835 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +264,839 AF

AVAIL STORAGE +44,774 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 400 HR +249 AF

TOTAL CALCULATED UNGAUGED INFLOW 1,835 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	800 HR
SALT ROOSEVELT	GH 10.5	3,260 CFS	800 HR
TONTO CREEK	GH 0.0	0 CFS	800 HR
TOTAL INFLOW ROOSEVELT		3,260 CFS	800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.32′ ELEV 2128.27′ CONTENTS 1,249,341 AF AVAIL+132,239 AF
CHANGE IN CONTENTS SINCE 700 HR -1,186 AF
CALCULATED UNGAUGED INFLOW 6,189 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 23,800 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.00′ ELEV 1907.00′ CONTENTS 226,921 AF AVAIL +18,217 AF
CHANGE IN CONTENTS SINCE 700 HR -2,506 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	800 HR
HORSE MESA TUNNEL	27,700 CFS	800 HR
TOTAL HORSE MESA RELEASE	27,700 CFS	800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.73′ ELEV 1638.73′ CONTENTS 38,721 AF AVAIL +19,131 AF
CHANGE IN CONTENTS SINCE 700 HR +79 AF
CALCULATED UNGAUGED INFLOW 956 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF

MORMON FLA TOTAL RELEASE	27,700 CFS	800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 109.20′ ELEV 1519.20′ CONTENTS 58,020 AF AVAIL +11,745 AF
CHANGE IN CONTENTS SINCE 700 HR -682 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF

ST MTN TOTAL RELEASE	33,000 CFS	800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,573,003 AF
AVAIL STORAGE	+181,332 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 700 HR	-4,295 AF
TOTAL CALCULATED UNGAUGED INFLOW	7,145 CFS

GRANITE REEF

SALT BELOW G. REEF	43,000 CFS	800 HR
ARIZONA CANAL	155 CFS	800 HR
SOUTH CANAL	110 CFS	800 HR
TOTAL AT G. REEF	43,265 CFS	800 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0800

HORSESHOE

GH 112.95
RELEASE 2631 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.27
RELEASE 23,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.01
RELEASE [illegible] CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.
RELEASE 27,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.73
RELEASE 27,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEKDE 6.1
EAST DEKDE [illegible]
TONGLE CREEK 7.1

SALT RIVER CANYON 21.4
SALT ROOSEVELT 10.50
TONTO CREEK _____

STEWART MOUNTAIN

EL 1519.20
RELEASE 33,000 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 43 000

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	700 HR
SALT ROOSEVELT	GH 10.6	3,448 CFS	700 HR
TONTO CREEK	GH 0.0	0 CFS	700 HR
TOTAL INFLOW ROOSEVELT		3,448 CFS	700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.39′ ELEV 2128.34′ CONTENTS 1,250,527 AF AVAIL+131,053 AF
CHANGE IN CONTENTS SINCE 600 HR -1,185 AF
CALCULATED UNGAUGED INFLOW 6,514 CFS
SURCHARGE CONTENTS AVAIL 700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 24,300 CFS 700 HR

HORSE MESA HOUR 700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 257.98′ ELEV 1907.98′ CONTENTS 229,427 AF AVAIL +15,711 AF
CHANGE IN CONTENTS SINCE 600 HR -282 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	700 HR
HORSE MESA TUNNEL	27,700 CFS	700 HR
TOTAL HORSE MESA RELEASE	27,700 CFS	700 HR

MORMON FLAT HOUR 700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.63′ ELEV 1638.63′ CONTENTS 38,642 AF AVAIL +19,210 AF
CHANGE IN CONTENTS SINCE 600 HR +63 AF
CALCULATED UNGAUGED INFLOW 762 CFS
SURCHARGE CONTENTS AVAIL 700 HR 10,279 AF

MORMON FLA TOTAL RELEASE	27,700 CFS	700 HR

STEWART MOUNTAIN HOUR 700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 109.80′ ELEV 1519.80′ CONTENTS 58,702 AF AVAIL +11,063 AF
CHANGE IN CONTENTS SINCE 600 HR -228 AF
CALCULATED UNGAUGED INFLOW 4,341 CFS
SURCHARGE CONTENTS AVAIL 700 HR 7,807 AF

ST MTN TOTAL RELEASE	34,800 CFS	700 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,577,298 AF
AVAIL STORAGE	+177,037 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 600 HR	-1,632 AF
TOTAL CALCULATED UNGAUGED INFLOW	11,617 CFS

GRANITE REEF

SALT BELOW G. REEF	43,000 CFS	700 HR
ARIZONA CANAL	155 CFS	700 HR
SOUTH CANAL	110 CFS	700 HR
TOTAL AT G. REEF	43,265 CFS	700 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0700

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.34
RELEASE 24,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1907.98
RELEASE 27,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.63
RELEASE 27,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 6.1
EAST VERDE 8.2
TONGLE CREEK 7.8

SALT RIVER CANYON 9.1
SALT ROOSEVELT 10.2
TONTO CREEK _____

STEWART MOUNTAIN

EL 1519.80
RELEASE 34,800 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 43.15

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	600 HR
SALT ROOSEVELT	GH 10.6	3,448 CFS	600 HR
TONTO CREEK	GH 0.0	0 CFS	600 HR
TOTAL INFLOW ROOSEVELT		3,448 CFS	600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.46′ ELEV 2128.41′ CONTENTS 1,251,712 AF AVAIL+129,868 AF
CHANGE IN CONTENTS SINCE 500 HR -1,356 AF
CALCULATED UNGAUGED INFLOW 5,044 CFS
SURCHARGE CONTENTS AVAIL 600 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	24,900 CFS	600 HR

HORSE MESA HOUR 600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.09′ ELEV 1908.09′ CONTENTS 229,709 AF AVAIL +15,429 AF
CHANGE IN CONTENTS SINCE 500 HR -283 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	600 HR
HORSE MESA TUNNEL	27,700 CFS	600 HR
TOTAL HORSE MESA RELEASE	27,700 CFS	600 HR

MORMON FLAT HOUR 600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.55′ ELEV 1638.55′ CONTENTS 38,579 AF AVAIL +19,273 AF
CHANGE IN CONTENTS SINCE 500 HR +79 AF
CALCULATED UNGAUGED INFLOW 856 CFS
SURCHARGE CONTENTS AVAIL 600 HR 10,279 AF

MORMON FLA TOTAL RELEASE	27,600 CFS	600 HR

STEWART MOUNTAIN HOUR 600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 110.00′ ELEV 1520.00′ CONTENTS 58,930 AF AVAIL +10,835 AF
CHANGE IN CONTENTS SINCE 500 HR -460 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 600 HR 7,807 AF

ST MTN TOTAL RELEASE	32,300 CFS	600 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,578,930 AF
AVAIL STORAGE	+175,405 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 500 HR	-2,020 AF
TOTAL CALCULATED UNGAUGED INFLOW	5,900 CFS

GRANITE REEF

SALT BELOW G. REEF	45,000 CFS	600 HR
ARIZONA CANAL	155 CFS	600 HR
SOUTH CANAL	110 CFS	600 HR
TOTAL AT G. REEF	45,265 CFS	600 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0600

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.41
RELEASE 24,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.09
RELEASE 27,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.55
RELEASE 27,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.1
EAST DEVER 8.2
TONGLE CREEK 7.8

SALT RIVER CANYON 4.4
SALT ROOSEVELT 10.6
TONTO CREEK _____

STEWART MOUNTAIN

EL 1520.00
RELEASE 32,300 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 45,135

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	500 HR
SALT ROOSEVELT	GH 10.7	3,636 CFS	500 HR
TONTO CREEK	GH 0.0	0 CFS	500 HR
TOTAL INFLOW ROOSEVELT		3,636 CFS	500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.54′ ELEV 2128.49′ CONTENTS 1,253,068 AF AVAIL+128,512 AF
CHANGE IN CONTENTS SINCE 400 HR -1,524 AF
CALCULATED UNGAUGED INFLOW 3,324 CFS
SURCHARGE CONTENTS AVAIL 500 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 25,400 CFS 500 HR

HORSE MESA HOUR 500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.20′ ELEV 1908.20′ CONTENTS 229,992 AF AVAIL +15,146 AF
CHANGE IN CONTENTS SINCE 400 HR -180 AF
CALCULATED UNGAUGED INFLOW 222 CFS
SURCHARGE CONTENTS AVAIL 500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	500 HR
HORSE MESA TUNNEL	27,800 CFS	500 HR
TOTAL HORSE MESA RELEASE	27,800 CFS	500 HR

MORMON FLAT HOUR 500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.45′ ELEV 1638.45′ CONTENTS 38,500 AF AVAIL +19,352 AF
CHANGE IN CONTENTS SINCE 400 HR +118 AF
CALCULATED UNGAUGED INFLOW 1,128 CFS
SURCHARGE CONTENTS AVAIL 500 HR 10,279 AF
MORMON FLA TOTAL RELEASE 27,500 CFS 500 HR

STEWART MOUNTAIN HOUR 500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 110.40′ ELEV 1520.40′ CONTENTS 59,390 AF AVAIL +10,375 AF
CHANGE IN CONTENTS SINCE 400 HR -231 AF
CALCULATED UNGAUGED INFLOW 3,405 CFS
SURCHARGE CONTENTS AVAIL 500 HR 7,807 AF
ST MTN TOTAL RELEASE 33,700 CFS 500 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,580,950 AF
AVAIL STORAGE +173,385 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 400 HR -1,817 AF
TOTAL CALCULATED UNGAUGED INFLOW 8,079 CFS

GRANITE REEF

SALT BELOW G. REEF	48,500 CFS	500 HR
ARIZONA CANAL	115 CFS	500 HR
SOUTH CANAL	110 CFS	500 HR
TOTAL AT G. REEF	48,725 CFS	500 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 0500

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.49
RELEASE 25,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.20
RELEASE 27,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.45
RELEASE 27,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEKDE 6.1
EAST DEKDE 8.2
TONGLE CREEK 7.9

SALT RIVER CANYON 41.41
SALT ROOSEVELT 10.17
TONTO CREEK ~~27.4~~ 0

STEWART MOUNTAIN

EL 1520.40
RELEASE 33700 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 48461

NS 115 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	400 HR
SALT ROOSEVELT	GH 10.7	3,636 CFS	400 HR
TONTO CREEK	GH 0.0	0 CFS	400 HR
TOTAL INFLOW ROOSEVELT		3,636 CFS	400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.63′ ELEV 2128.58′ CONTENTS 1,254,592 AF AVAIL+126,988 AF
CHANGE IN CONTENTS SINCE 300 HR -1,186 AF
CALCULATED UNGAUGED INFLOW 7,713 CFS
SURCHARGE CONTENTS AVAIL 400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 25,700 CFS 400 HR

HORSE MESA HOUR 400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.27′ ELEV 1908.27′ CONTENTS 230,172 AF AVAIL +14,966 AF
CHANGE IN CONTENTS SINCE 300 HR -438 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	400 HR
HORSE MESA TUNNEL	27,850 CFS	400 HR
TOTAL HORSE MESA RELEASE	27,850 CFS	400 HR

MORMON FLAT HOUR 400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.30′ ELEV 1638.30′ CONTENTS 38,382 AF AVAIL +19,470 AF
CHANGE IN CONTENTS SINCE 300 HR +197 AF
CALCULATED UNGAUGED INFLOW 734 CFS
SURCHARGE CONTENTS AVAIL 400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 26,200 CFS 400 HR

STEWART MOUNTAIN HOUR 400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 110.60′ ELEV 1520.60′ CONTENTS 59,621 AF AVAIL +10,144 AF
CHANGE IN CONTENTS SINCE 300 HR +0 AF
CALCULATED UNGAUGED INFLOW 8,200 CFS
SURCHARGE CONTENTS AVAIL 400 HR 7,807 AF
ST MTN TOTAL RELEASE 34,400 CFS 400 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,582,767 AF
AVAIL STORAGE +171,568 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 300 HR -1,427 AF
TOTAL CALCULATED UNGAUGED INFLOW 16,647 CFS

GRANITE REEF

SALT BELOW G. REEF	52,000 CFS	400 HR
ARIZONA CANAL	155 CFS	400 HR
SOUTH CANAL	110 CFS	400 HR
TOTAL AT G. REEF	52,265 CFS	400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 400 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.1 1,560 CFS 400 HR

VERDE @ EAST VERDE GH 7.4 2,553 CFS 400 HR

VERDE @ TANGLE CRK GH 8.0 3,895 CFS 400 HR

VERDE BEELINE GH 0.0 0 CFS 400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 113.27′ ELEV 2013.27′ CONTENTS 98,281 AF AVAIL +33,146 AF

CHANGE IN CONTENTS SINCE 2400 HR +386 AF

CALCULATED UNGAUGED INFLOW 3,027 CFS

SURCHARGE CONTENTS AVAIL 400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 5,754 CFS 400 HR

BARTLETT HOUR 400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.68′ ELEV 1793.68′ CONTENTS 166,309 AF AVAIL +11,877 AF

CHANGE IN CONTENTS SINCE 2400 HR +1,393 AF

CALCULATED UNGAUGED INFLOW 2,860 CFS

SURCHARGE CONTENTS AVAIL 400 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +264,590 AF

AVAIL STORAGE +45,023 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2400 HR +1,779 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,887 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0400

HORSESHOE

GH 113.27
RELEASE 5754 CFS
CHANGE OF RELEASE: #3 260
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.58
RELEASE 25,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.27
RELEASE 27850 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.30
RELEASE 26,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.1
EAST DEVER 6.2
TONGLE CREEK 8.0

SALT RIVER CANYON 7.1
SALT ROOSEVELT 10.70
TONTO CREEK 2.0

STEWART MOUNTAIN

EL 1520.60
RELEASE 34,400 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 157895
NS 15 F SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/21/79 HOUR 300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	300 HR	
SALT ROOSEVELT	GH 10.7	3,636 CFS	300 HR	
TONTO CREEK	GH 0.0	0 CFS	300 HR	
TOTAL INFLOW ROOSEVELT		3,636 CFS	300 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 300

MAXIMUM	GH 234.00′ ELEV 2135.95′	CAPACITY 1,381,580 AF		
CURRENT	GH 226.70′ ELEV 2128.65′	CONTENTS 1,255,778 AF	AVAIL+125,802 AF	
CHANGE IN CONTENTS SINCE	200 HR	-1,355 AF		
CALCULATED UNGAUGED INFLOW		5,969 CFS		
SURCHARGE CONTENTS AVAIL	300 HR	173,805 AF		
ROOSEVELT TOTAL RELEASE		26,000 CFS	300 HR	

HORSE MESA HOUR 300

MAXIMUM	GH 264.00′ ELEV 1914.00′	CAPACITY 245,138 AF		
CURRENT	GH 258.44′ ELEV 1908.44′	CONTENTS 230,610 AF	AVAIL +14,528 AF	
CHANGE IN CONTENTS SINCE	200 HR	-437 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL	300 HR	16,210 AF		
HORSE MESA SPILLWAY RELEASE		0 CFS	300 HR	
HORSE MESA TUNNEL		30,275 CFS	300 HR	
TOTAL HORSE MESA RELEASE		30,275 CFS	300 HR	

MORMON FLAT HOUR 300

MAXIMUM	GH 141.50′ ELEV 1660.50′	CAPACITY 57,852 AF		
CURRENT	GH 119.05′ ELEV 1638.05′	CONTENTS 38,185 AF	AVAIL +19,667 AF	
CHANGE IN CONTENTS SINCE	200 HR	-103 AF		
CALCULATED UNGAUGED INFLOW		2,279 CFS		
SURCHARGE CONTENTS AVAIL	300 HR	10,279 AF		
MORMON FLA TOTAL RELEASE		33,800 CFS	300 HR	

STEWART MOUNTAIN HOUR 300

MAXIMUM	GH 119.00′ ELEV 1529.00′	CAPACITY 69,765 AF		
CURRENT	GH 110.60′ ELEV 1520.60′	CONTENTS 59,621 AF	AVAIL +10,144 AF	
CHANGE IN CONTENTS SINCE	200 HR	-115 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL	300 HR	7,807 AF		
ST MTN TOTAL RELEASE		34,400 CFS	300 HR	

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,584,194 AF
AVAIL STORAGE	+170,141 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 200 HR	-2,010 AF
TOTAL CALCULATED UNGAUGED INFLOW	8,248 CFS

GRANITE REEF

SALT BELOW G. REEF	52,864 CFS	300 HR	
ARIZONA CANAL	155 CFS	300 HR	
SOUTH CANAL	110 CFS	300 HR	
TOTAL AT G. REEF	53,129 CFS	300 HR	

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0300

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.65
RELEASE 26,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL N/A 1908.44
RELEASE N/A 30275 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.05
RELEASE 33,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVEDE 6.1
EAST DEVEDE 8.3
TANGLE CREEK 8.0

SALT RIVER CANYON 4.4
SALT ROOSEVELT 10.7
TONTO CREEK _____

STEWART MOUNTAIN

EL 1520.60
RELEASE 34,400 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 52,864

NS 155 SS 110

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21 TIME 0200

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.73
RELEASE 26,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.61
RELEASE 32,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.18
RELEASE 33,980 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVEE 6.0
EAST DEVEE 8.3
TONGLE CREEK 8.0

SALT RIVER CANYON 4.4
SALT ROOSEVELT 10.8
TONTO CREEK _____

STEWART MOUNTAIN

EL 1520.70
RELEASE 34,800 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 52,946

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/21/79 HOUR 200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	200 HR	
SALT ROOSEVELT	GH 10.8	3,824 CFS	200 HR	
TONTO CREEK	GH 0.0	0 CFS	200 HR	
TOTAL INFLOW ROOSEVELT		3,824 CFS	200 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 200

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 226.78′	ELEV 2128.73′	CONTENTS 1,257,133 AF	AVAIL+124,447 AF
CHANGE IN CONTENTS SINCE 100 HR		-1,186 AF		
CALCULATED UNGAUGED INFLOW		8,425 CFS		
SURCHARGE CONTENTS AVAIL 200 HR		173,805 AF		
ROOSEVELT TOTAL RELEASE		26,600 CFS	200 HR	

HORSE MESA HOUR 200

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 258.61′	ELEV 1908.61′	CONTENTS 231,047 AF	AVAIL +14,091 AF
CHANGE IN CONTENTS SINCE 100 HR		-540 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL 200 HR		16,210 AF		
HORSE MESA SPILLWAY RELEASE		0 CFS	200 HR	
HORSE MESA TUNNEL		32,600 CFS	200 HR	
TOTAL HORSE MESA RELEASE		32,600 CFS	200 HR	

MORMON FLAT HOUR 200

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 119.18′	ELEV 1638.18′	CONTENTS 38,288 AF	AVAIL +19,564 AF
CHANGE IN CONTENTS SINCE 100 HR		-94 AF		
CALCULATED UNGAUGED INFLOW		163 CFS		
SURCHARGE CONTENTS AVAIL 200 HR		10,279 AF		
MORMON FLA TOTAL RELEASE		33,900 CFS	200 HR	

STEWART MOUNTAIN HOUR 200

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 110.70′	ELEV 1520.70′	CONTENTS 59,736 AF	AVAIL +10,029 AF
CHANGE IN CONTENTS SINCE 100 HR		-115 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL 200 HR		7,807 AF		
ST MTN TOTAL RELEASE		34,800 CFS	200 HR	

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,586,204 AF
AVAIL STORAGE	+168,131 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 100 HR	-1,935 AF
TOTAL CALCULATED UNGAUGED INFLOW	8,588 CFS

GRANITE REEF

SALT BELOW G. REEF	53,000 CFS	200 HR	
ARIZONA CANAL	155 CFS	200 HR	
SOUTH CANAL	110 CFS	200 HR	
TOTAL AT G. REEF	53,265 CFS	200 HR	

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/21/79 TIME 0100

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2128.80
RELEASE 26,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1908.82
RELEASE 33,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.30
RELEASE 34,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 6.0
EAST VERDE 8.3
TONGLE CREEK 8.1

SALT RIVER CANYON 4.4
SALT ROOSEVELT 10.8
TONTO CREEK 27.4

STEWART MOUNTAIN

EL 1520.80
RELEASE 35,500 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 53 137

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/21/79 HOUR 100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.4	2,760 CFS	100 HR
SALT ROOSEVELT	GH 10.8	3,824 CFS	100 HR
TONTO CREEK	GH 27.4	0 CFS	100 HR
TOTAL INFLOW ROOSEVELT		3,824 CFS	100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.85′ ELEV 2128.80′ CONTENTS 1,258,319 AF AVAIL+123,261 AF
CHANGE IN CONTENTS SINCE 2400 HR -2,202 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 100 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	26,800 CFS	100 HR

HORSE MESA HOUR 100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 258.82′ ELEV 1908.82′ CONTENTS 231,587 AF AVAIL +13,551 AF
CHANGE IN CONTENTS SINCE 2400 HR -463 AF
CALCULATED UNGAUGED INFLOW 598 CFS
SURCHARGE CONTENTS AVAIL 100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	100 HR
HORSE MESA TUNNEL	33,000 CFS	100 HR
TOTAL HORSE MESA RELEASE	33,000 CFS	100 HR

MORMON FLAT HOUR 100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.30′ ELEV 1638.30′ CONTENTS 38,382 AF AVAIL +19,470 AF
CHANGE IN CONTENTS SINCE 2400 HR -39 AF
CALCULATED UNGAUGED INFLOW 528 CFS
SURCHARGE CONTENTS AVAIL 100 HR 10,279 AF

MORMON FLA TOTAL RELEASE	34,000 CFS	100 HR

STEWART MOUNTAIN HOUR 100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 110.80′ ELEV 1520.80′ CONTENTS 59,851 AF AVAIL +9,914 AF
CHANGE IN CONTENTS SINCE 2400 HR -115 AF
CALCULATED UNGAUGED INFLOW 109 CFS
SURCHARGE CONTENTS AVAIL 100 HR 7,807 AF

ST MTN TOTAL RELEASE	35,500 CFS	100 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,588,139 AF
AVAIL STORAGE	+166,196 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2400 HR	-2,819 AF
TOTAL CALCULATED UNGAUGED INFLOW	1,235 CFS

GRANITE REEF

SALT BELOW G. REEF	53,137 CFS	100 HR
ARIZONA CANAL	155 CFS	100 HR
SOUTH CANAL	110 CFS	100 HR
TOTAL AT G. REEF	53,402 CFS	100 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20 TIME 2400

HORSESHOE

Content 97895 Vail 33532

GH 113.11
RELEASE _____ CFS
CHANGE OF RELEASE:
6425 CFS
_____ TIME

ROOSEVELT

EL 2128.93
RELEASE 27,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

Inst 64916 Vail 3270

GH 193.16
RELEASE _____ CFS
CHANGE OF RELEASE:
14912 CFS
_____ TIME

HORSE MESA

EL 1909.00
RELEASE 33,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

Vail 46802

MORMAN FLAT

EL 1638.35
RELEASE 34,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.10
EAST DEVER 8.4
TANGLE CREEK 8.1

SALT RIVER CANYON 4.50
SALT ROOSEVELT 10.9
TONTO CREEK (27.4)
~~5.6~~ 0

STEWART MOUNTAIN

EL 1520.90
RELEASE 35,600 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 53,137

NS 155 SS 110

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 2400 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.1 1,560 CFS 2400 HR

VERDE @ EAST VERDE GH 9.6 6,534 CFS 2400 HR

VERDE @ TANGLE CRK GH 8.1 4,040 CFS 2400 HR

VERDE BEELINE GH 0.0 0 CFS 2400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 113.11′ ELEV 2013.11′ CONTENTS 97,895 AF AVAIL +33,532 AF

CHANGE IN CONTENTS SINCE 2000 HR -2,076 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 6,425 CFS 2400 HR

BARTLETT HOUR 2400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.16′ ELEV 1793.16′ CONTENTS 164,916 AF AVAIL +13,270 AF

CHANGE IN CONTENTS SINCE 2000 HR -1,206 AF

CALCULATED UNGAUGED INFLOW 4,839 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 14,483 AF

BARTLETT TOTAL RELEASE 14,912 CFS 2400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +262,811 AF

AVAIL STORAGE +46,802 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2000 HR -3,282 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,839 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 2400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.5	2,900 CFS	2400 HR
SALT ROOSEVELT	GH 10.9	4,012 CFS	2400 HR
TONTO CREEK	GH 0.0	0 CFS	2400 HR
TOTAL INFLOW ROOSEVELT		4,012 CFS	2400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.98′ ELEV 2128.93′ CONTENTS 1,260,521 AF AVAIL+121,059 AF
CHANGE IN CONTENTS SINCE 2300 HR -1,192 AF
CALCULATED UNGAUGED INFLOW 8,665 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 27,100 CFS 2400 HR

HORSE MESA HOUR 2400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 259.00′ ELEV 1909.00′ CONTENTS 232,050 AF AVAIL +13,088 AF
CHANGE IN CONTENTS SINCE 2300 HR -492 AF
CALCULATED UNGAUGED INFLOW 147 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2400 HR
HORSE MESA TUNNEL 33,200 CFS 2400 HR
TOTAL HORSE MESA RELEASE 33,200 CFS 2400 HR

MORMON FLAT HOUR 2400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.35′ ELEV 1638.35′ CONTENTS 38,421 AF AVAIL +19,431 AF
CHANGE IN CONTENTS SINCE 2300 HR +15 AF
CALCULATED UNGAUGED INFLOW 982 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 34,000 CFS 2400 HR

STEWART MOUNTAIN HOUR 2400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 110.90′ ELEV 1520.90′ CONTENTS 59,966 AF AVAIL +9,799 AF
CHANGE IN CONTENTS SINCE 2300 HR -115 AF
CALCULATED UNGAUGED INFLOW 209 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 7,807 AF
ST MTN TOTAL RELEASE 35,600 CFS 2400 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,590,958 AF
AVAIL STORAGE +163,377 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2300 HR -1,784 AF
TOTAL CALCULATED UNGAUGED INFLOW 10,003 CFS

GRANITE REEF

SALT BELOW G. REEF	53,137 CFS	2400 HR
ARIZONA CANAL	155 CFS	2400 HR
SOUTH CANAL	110 CFS	2400 HR
TOTAL AT G. REEF	53,402 CFS	2400 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 2300

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.00
RELEASE 27,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1909.19
RELEASE 33,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.33
RELEASE 34,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.1
EAST DEVER 8.4
TANGLE CREEK 8.2

SALT RIVER CANYON 4.5
SALT ROOSEVELT 10.9
TONTO CREEK (27.4)
5.6 est

STEWART MOUNTAIN

EL 1521.00
RELEASE 35,800 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 53371

NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 2300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.5	2,900 CFS	2300 HR
SALT ROOSEVELT	GH 10.9	4,012 CFS	2300 HR
TONTO CREEK	GH 5.6	2,334 CFS	2300 HR
TOTAL INFLOW ROOSEVELT		6,346 CFS	2300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.05′ ELEV 2129.00′ CONTENTS 1,261,713 AF AVAIL+119,867 AF
CHANGE IN CONTENTS SINCE 2200 HR -1,365 AF
CALCULATED UNGAUGED INFLOW 4,638 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 27,500 CFS 2300 HR

HORSE MESA HOUR 2300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 259.19′ ELEV 1909.19′ CONTENTS 232,542 AF AVAIL +12,596 AF
CHANGE IN CONTENTS SINCE 2200 HR -543 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2300 HR
HORSE MESA TUNNEL 33,400 CFS 2300 HR
TOTAL HORSE MESA RELEASE 33,400 CFS 2300 HR

MORMON FLAT HOUR 2300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.33′ ELEV 1638.33′ CONTENTS 38,406 AF AVAIL +19,446 AF
CHANGE IN CONTENTS SINCE 2200 HR -15 AF
CALCULATED UNGAUGED INFLOW 419 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 10,279 AF
MORMON FLA TOTAL RELEASE 34,000 CFS 2300 HR

STEWART MOUNTAIN HOUR 2300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.00′ ELEV 1521.00′ CONTENTS 60,081 AF AVAIL +9,684 AF
CHANGE IN CONTENTS SINCE 2200 HR -116 AF
CALCULATED UNGAUGED INFLOW 396 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 7,807 AF
ST MTN TOTAL RELEASE 35,800 CFS 2300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,592,742 AF
AVAIL STORAGE +161,593 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2200 HR -2,039 AF
TOTAL CALCULATED UNGAUGED INFLOW 5,453 CFS

GRANITE REEF

SALT BELOW G. REEF	53,371 CFS	2300 HR
ARIZONA CANAL	155 CFS	2300 HR
SOUTH CANAL	110 CFS	2300 HR
TOTAL AT G. REEF	53,636 CFS	2300 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 2200

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.08
RELEASE 27,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1909.40
RELEASE 33,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.35
RELEASE 34,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVIL 6.1
EAST DEVIL 8.4
TONGLE CREEK 8.3

SALT RIVER CANYON 4.6
SALT ROOSEVELT 11.00
TONTO CREEK 27.5
5.6 est

STEWART MOUNTAIN

EL 1521.10
RELEASE 36,100 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF _____

NS _____ SS _____

SRP OPERATIONAL STATUS – SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 2200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.6	3,060 CFS	2200 HR
SALT ROOSEVELT	GH 11.0	4,200 CFS	2200 HR
TONTO CREEK	GH 5.6	2,334 CFS	2200 HR
TOTAL INFLOW ROOSEVELT		6,534 CFS	2200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.13′ ELEV 2129.08′ CONTENTS 1,263,078 AF AVAIL+118,502 AF
CHANGE IN CONTENTS SINCE 2100 HR -1,194 AF
CALCULATED UNGAUGED INFLOW 6,819 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 27,800 CFS 2200 HR

HORSE MESA HOUR 2200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 259.40′ ELEV 1909.40′ CONTENTS 233,085 AF AVAIL +12,053 AF
CHANGE IN CONTENTS SINCE 2100 HR -414 AF
CALCULATED UNGAUGED INFLOW 791 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2200 HR
HORSE MESA TUNNEL 33,600 CFS 2200 HR
TOTAL HORSE MESA RELEASE 33,600 CFS 2200 HR

MORMON FLAT HOUR 2200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.35′ ELEV 1638.35′ CONTENTS 38,421 AF AVAIL +19,431 AF
CHANGE IN CONTENTS SINCE 2100 HR +23 AF
CALCULATED UNGAUGED INFLOW 678 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 10,279 AF
MORMON FLA TOTAL RELEASE 34,000 CFS 2200 HR

STEWART MOUNTAIN HOUR 2200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.10′ ELEV 1521.10′ CONTENTS 60,197 AF AVAIL +9,568 AF
CHANGE IN CONTENTS SINCE 2100 HR -233 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 7,807 AF
ST MTN TOTAL RELEASE 36,100 CFS 2200 HR

COMBINED RESERVOIR SUMMARY – SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,594,781 AF
AVAIL STORAGE +159,554 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2100 HR -1,818 AF
TOTAL CALCULATED UNGAUGED INFLOW 8,288 CFS

GRANITE REEF

SALT BELOW G. REEF		55,000 CFS	2200 HR
ARIZONA CANAL		155 CFS	2200 HR
SOUTH CANAL		110 CFS	2200 HR
TOTAL AT G. REEF		55,265 CFS	2200 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 2100

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.15
RELEASE 28,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1909.56
RELEASE 33,800 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

EL 1638.32
RELEASE 34,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 6.2
EAST VERDE 8.4
TONGLE CREEK 8.3

SALT RIVER CANYON 4.6
SALT ROOSEVELT 11.0
TONTO CREEK 27.4

STEWART MOUNTAIN

EL 1521.30
RELEASE 36,800 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF _____

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 2100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.6	3,060 CFS	2100 HR
SALT ROOSEVELT	GH 11.0	4,200 CFS	2100 HR
TONTO CREEK	GH 5.8	2,670 CFS	2100 HR
TOTAL INFLOW ROOSEVELT		6,870 CFS	2100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.20′ ELEV 2129.15′ CONTENTS 1,264,272 AF AVAIL+117,308 AF
CHANGE IN CONTENTS SINCE 2000 HR -1,706 AF
CALCULATED UNGAUGED INFLOW 687 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		28,200 CFS	2100 HR

HORSE MESA HOUR 2100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 259.56′ ELEV 1909.56′ CONTENTS 233,499 AF AVAIL +11,639 AF
CHANGE IN CONTENTS SINCE 2000 HR -465 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		0 CFS	2100 HR
HORSE MESA TUNNEL		33,800 CFS	2100 HR
TOTAL HORSE MESA RELEASE		33,800 CFS	2100 HR

MORMON FLAT HOUR 2100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.32′ ELEV 1638.32′ CONTENTS 38,398 AF AVAIL +19,454 AF
CHANGE IN CONTENTS SINCE 2000 HR +16 AF
CALCULATED UNGAUGED INFLOW 394 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 10,279 AF

MORMON FLA TOTAL RELEASE		34,000 CFS	2100 HR

STEWART MOUNTAIN HOUR 2100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.30′ ELEV 1521.30′ CONTENTS 60,430 AF AVAIL +9,335 AF
CHANGE IN CONTENTS SINCE 2000 HR -117 AF
CALCULATED UNGAUGED INFLOW 1,384 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 7,807 AF

ST MTN TOTAL RELEASE		36,800 CFS	2100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,596,599 AF
AVAIL STORAGE	+157,736 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2000 HR	-2,272 AF
TOTAL CALCULATED UNGAUGED INFLOW	2,465 CFS

GRANITE REEF

SALT BELOW G. REEF		55,000 CFS	2100 HR
ARIZONA CANAL		155 CFS	2100 HR
SOUTH CANAL		110 CFS	2100 HR
TOTAL AT G. REEF		55,265 CFS	2100 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 2000

HORSESHOE

GH 113.97
RELEASE 6976 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.25
RELEASE 28,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 193.61
RELEASE 14967 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

Avail. Storage Verde 43,520

HORSE MESA

EL 1909.74
RELEASE 34,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.30
RELEASE 34,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP VERDE 6.2
EAST VERDE 8.4
TANGLE CREEK 8.4

SALT RIVER CANYON 4.7
SALT ROOSEVELT 11.0
TONTO CREEK 27.4

STEWART MOUNTAIN

EL 1521.40
RELEASE 37,500 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 55,000

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 2000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.7	3,220 CFS	2000 HR
SALT ROOSEVELT	GH 11.0	4,200 CFS	2000 HR
TONTO CREEK	GH 5.8	2,670 CFS	2000 HR
TOTAL INFLOW ROOSEVELT		6,870 CFS	2000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.30′ ELEV 2129.25′ CONTENTS 1,265,978 AF AVAIL+115,602 AF
CHANGE IN CONTENTS SINCE 1900 HR -1,535 AF
CALCULATED UNGAUGED INFLOW 3,257 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 28,700 CFS 2000 HR

HORSE MESA HOUR 2000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 259.74′ ELEV 1909.74′ CONTENTS 233,964 AF AVAIL +11,174 AF
CHANGE IN CONTENTS SINCE 1900 HR -466 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2000 HR
HORSE MESA TUNNEL 34,100 CFS 2000 HR
TOTAL HORSE MESA RELEASE 34,100 CFS 2000 HR

MORMON FLAT HOUR 2000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.30′ ELEV 1638.30′ CONTENTS 38,382 AF AVAIL +19,470 AF
CHANGE IN CONTENTS SINCE 1900 HR +118 AF
CALCULATED UNGAUGED INFLOW 1,328 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 34,000 CFS 2000 HR

STEWART MOUNTAIN HOUR 2000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.40′ ELEV 1521.40′ CONTENTS 60,547 AF AVAIL +9,218 AF
CHANGE IN CONTENTS SINCE 1900 HR -116 AF
CALCULATED UNGAUGED INFLOW 2,096 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 7,807 AF
ST MTN TOTAL RELEASE 37,500 CFS 2000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,598,871 AF
AVAIL STORAGE +155,464 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1900 HR -1,999 AF
TOTAL CALCULATED UNGAUGED INFLOW 6,681 CFS

GRANITE REEF

SALT BELOW G. REEF	55,000 CFS	2000 HR
ARIZONA CANAL	155 CFS	2000 HR
SOUTH CANAL	110 CFS	2000 HR
TOTAL AT G. REEF	55,265 CFS	2000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 2000 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.2 1,670 CFS 2000 HR

VERDE @ EAST VERDE GH 9.6 6,534 CFS 2000 HR

VERDE @ TANGLE CRK GH 8.4 4,475 CFS 2000 HR

VERDE BEELINE GH 0.0 0 CFS 2000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2000

MAXIMUM GH 126.00' ELEV 2026.00' CAPACITY 131,427 AF
CURRENT GH 113.97' ELEV 2013.97' CONTENTS 99,971 AF AVAIL +31,456 AF

CHANGE IN CONTENTS SINCE 1600 HR -1,440 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 6,976 CFS 2000 HR

BARTLETT HOUR 2000

MAXIMUM GH 198.00' ELEV 1798.00' CAPACITY 178,186 AF
CURRENT GH 193.61' ELEV 1793.61' CONTENTS 166,122 AF AVAIL +12,064 AF

CHANGE IN CONTENTS SINCE 1600 HR -1,315 AF

CALCULATED UNGAUGED INFLOW 1,013 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 14,483 AF

BARTLETT TOTAL RELEASE 11,967 CFS 2000 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +266,093 AF

AVAIL STORAGE +43,520 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1600 HR -2,755 AF

TOTAL CALCULATED UNGAUGED INFLOW 1,013 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 1900

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.34
RELEASE 29,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1909.92
RELEASE 34,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMAN FLAT

EL 1638.15
RELEASE 35,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

STEWART MOUNTAIN

EL 1521.50
RELEASE 37,500 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.4
EAST DEVER 8.5
TANGLE CREEK 8.5

SALT RIVER CANYON 4.7
SALT ROOSEVELT 11.1
TONTO CREEK 27.5

GRANITE REEF

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 1900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.7	3,220 CFS	1900 HR
SALT ROOSEVELT	GH 11.1	4,440 CFS	1900 HR
TONTO CREEK	GH 5.8	2,670 CFS	1900 HR
TOTAL INFLOW ROOSEVELT		7,110 CFS	1900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.39′ ELEV 2129.34′ CONTENTS 1,267,513 AF AVAIL+114,067 AF
CHANGE IN CONTENTS SINCE 1800 HR -1,536 AF
CALCULATED UNGAUGED INFLOW 3,504 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 29,200 CFS 1900 HR

HORSE MESA HOUR 1900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 259.92′ ELEV 1909.92′ CONTENTS 234,430 AF AVAIL +10,708 AF
CHANGE IN CONTENTS SINCE 1800 HR -519 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1900 HR
HORSE MESA TUNNEL 34,200 CFS 1900 HR
TOTAL HORSE MESA RELEASE 34,200 CFS 1900 HR

MORMON FLAT HOUR 1900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,652 AF
CURRENT GH 119.15′ ELEV 1638.15′ CONTENTS 38,264 AF AVAIL +19,588 AF
CHANGE IN CONTENTS SINCE 1800 HR -79 AF
CALCULATED UNGAUGED INFLOW 444 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 35,600 CFS 1900 HR

STEWART MOUNTAIN HOUR 1900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.50′ ELEV 1521.50′ CONTENTS 60,663 AF AVAIL +9,102 AF
CHANGE IN CONTENTS SINCE 1800 HR -116 AF
CALCULATED UNGAUGED INFLOW 496 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 7,807 AF
ST MTN TOTAL RELEASE 37,500 CFS 1900 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,600,870 AF
AVAIL STORAGE +153,465 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1800 HR -2,250 AF
TOTAL CALCULATED UNGAUGED INFLOW 4,444 CFS

GRANITE REEF

SALT BELOW G. REEF	57,000 CFS	1900 HR
ARIZONA CANAL	155 CFS	1900 HR
SOUTH CANAL	110 CFS	1900 HR
TOTAL AT G. REEF	57,265 CFS	1900 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 1800

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGTHS

CAMP VERDE 6.4
EAST VERDE 8.5
TANGLE CREEK 8.6

SALT RIVER CANYON 4.8
SALT ROOSEVELT 11.1
TONTO CREEK 27.5
5.8 (est)

ROOSEVELT

EL 2129.43
RELEASE 29,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1910.12
RELEASE 34,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMAN FLAT

EL 1638.25
RELEASE 35,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

STEWART MOUNTAIN

EL 1521.60
RELEASE 37,800 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 57,000
NS 155 SS 110

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 1800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.8	3,380 CFS	1800 HR
SALT ROOSEVELT	GH 11.1	4,440 CFS	1800 HR
TONTO CREEK	GH 5.8	2,670 CFS	1800 HR
TOTAL INFLOW ROOSEVELT		7,110 CFS	1800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1800

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 227.48′	ELEV 2129.43′	CONTENTS 1,269,049 AF	AVAIL+112,531 AF
CHANGE IN CONTENTS SINCE 1700 HR		-1,194 AF		
CALCULATED UNGAUGED INFLOW		8,043 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		173,805 AF		
ROOSEVELT TOTAL RELEASE		29,600 CFS	1800 HR	

HORSE MESA HOUR 1800

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 260.12′	ELEV 1910.12′	CONTENTS 234,949 AF	AVAIL +10,189 AF
CHANGE IN CONTENTS SINCE 1700 HR		-260 AF		
CALCULATED UNGAUGED INFLOW		1,854 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		16,210 AF		
HORSE MESA SPILLWAY RELEASE		0 CFS	1800 HR	
HORSE MESA TUNNEL		34,600 CFS	1800 HR	
TOTAL HORSE MESA RELEASE		34,600 CFS	1800 HR	

MORMON FLAT HOUR 1800

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 119.25′	ELEV 1638.25′	CONTENTS 38,343 AF	AVAIL +19,509 AF
CHANGE IN CONTENTS SINCE 1700 HR		-78 AF		
CALCULATED UNGAUGED INFLOW		356 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		10,279 AF		
MORMON FLA TOTAL RELEASE		35,900 CFS	1800 HR	

STEWART MOUNTAIN HOUR 1800

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 111.60′	ELEV 1521.60′	CONTENTS 60,779 AF	AVAIL +8,986 AF
CHANGE IN CONTENTS SINCE 1700 HR		-117 AF		
CALCULATED UNGAUGED INFLOW		484 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		7,807 AF		
ST MTN TOTAL RELEASE		37,800 CFS	1800 HR	

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,603,120 AF
AVAIL STORAGE	+151,215 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1700 HR	-1,649 AF
TOTAL CALCULATED UNGAUGED INFLOW	10,737 CFS

GRANITE REEF

SALT BELOW G. REEF	57,000 CFS	1800 HR	
ARIZONA CANAL	155 CFS	1800 HR	
SOUTH CANAL	110 CFS	1800 HR	
TOTAL AT G. REEF	57,265 CFS	1800 HR	

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 1700

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.50
RELEASE 29,700 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1910.22
RELEASE 34,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMAN FLAT

EL 1638.35
RELEASE 36,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.4
EAST DEVER 8.1
TANGLE CREEK 8.1

SALT RIVER CANYON 4.9
SALT ROOSEVELT 11.2
TONTO CREEK 5.8 est

STEWART MOUNTAIN

EL 1521.70
RELEASE 38,200 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF _____

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79/ HOUR 1700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.9	3,540 CFS	1700 HR
SALT ROOSEVELT	GH 11.2	4,680 CFS	1700 HR
TONTO CREEK	GH 5.8	2,670 CFS	1700 HR
TOTAL INFLOW ROOSEVELT		7,350 CFS	1700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.55′ ELEV 2129.50′ CONTENTS 1,270,243 AF AVAIL+111,337 AF
CHANGE IN CONTENTS SINCE 1600 HR -1,365 AF
CALCULATED UNGAUGED INFLOW 5,834 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	29,700 CFS	1700 HR

HORSE MESA HOUR 1700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 260.22′ ELEV 1910.22′ CONTENTS 235,209 AF AVAIL +9,929 AF
CHANGE IN CONTENTS SINCE 1600 HR -469 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1700 HR
HORSE MESA TUNNEL	34,900 CFS	1700 HR
TOTAL HORSE MESA RELEASE	34,900 CFS	1700 HR

MORMON FLAT HOUR 1700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.35′ ELEV 1638.35′ CONTENTS 38,421 AF AVAIL +19,431 AF
CHANGE IN CONTENTS SINCE 1600 HR -40 AF
CALCULATED UNGAUGED INFLOW 716 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 10,279 AF

MORMON FLA TOTAL RELEASE	36,100 CFS	1700 HR

STEWART MOUNTAIN HOUR 1700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.70′ ELEV 1521.70′ CONTENTS 60,896 AF AVAIL +8,869 AF
CHANGE IN CONTENTS SINCE 1600 HR +0 AF
CALCULATED UNGAUGED INFLOW 2,100 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 7,807 AF

ST MTN TOTAL RELEASE	38,200 CFS	1700 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,604,769 AF
AVAIL STORAGE	+149,566 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1600 HR	-1,874 AF
TOTAL CALCULATED UNGAUGED INFLOW	8,650 CFS

GRANITE REEF

SALT BELOW G. REEF	55,219 CFS	1700 HR
ARIZONA CANAL	0 CFS	1700 HR
SOUTH CANAL	0 CFS	1700 HR
TOTAL AT G. REEF	55,219 CFS	1700 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE _____ TIME 1600

HORSESHOE

GH 114.56
RELEASE 7107 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.58
RELEASE 30,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.10
RELEASE 15048 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1910.40
RELEASE 35,200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

40,700 Tot Rel

MORMAN FLAT

EL 1638.40
RELEASE 36,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.40
EAST VERDE 8.60
TONGLE CREEK 8.70

SALT RIVER CANYON 4.90
SALT ROOSEVELT 11.3
TONTO CREEK ~~27.4~~ 5.8*

* per USGS visual obs.

STEWART MOUNTAIN

EL 1521.70
RELEASE 38,300 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 55219

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 4.9	3,540 CFS	1600 HR
SALT ROOSEVELT	GH 11.3	4,920 CFS	1600 HR
TONTO CREEK	GH 5.8	2,670 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		7,590 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.63′ ELEV 2129.58′ CONTENTS 1,271,608 AF AVAIL+109,972 AF
CHANGE IN CONTENTS SINCE 1500 HR -1,194 AF
CALCULATED UNGAUGED INFLOW 8,463 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 30,500 CFS 1600 HR

HORSE MESA HOUR 1600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 260.40′ ELEV 1910.40′ CONTENTS 235,678 AF AVAIL +9,460 AF
CHANGE IN CONTENTS SINCE 1500 HR -468 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1600 HR
HORSE MESA TUNNEL 35,200 CFS 1600 HR
TOTAL HORSE MESA RELEASE 35,200 CFS 1600 HR

MORMON FLAT HOUR 1600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.40′ ELEV 1638.40′ CONTENTS 38,461 AF AVAIL +19,391 AF
CHANGE IN CONTENTS SINCE 1500 HR -79 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 10,279 AF
MORMON FLA TOTAL RELEASE 36,100 CFS 1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.70′ ELEV 1521.70′ CONTENTS 60,896 AF AVAIL +8,869 AF
CHANGE IN CONTENTS SINCE 1500 HR -116 AF
CALCULATED UNGAUGED INFLOW 796 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 7,807 AF
ST MTN TOTAL RELEASE 38,300 CFS 1600 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,606,643 AF
AVAIL STORAGE	+147,692 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1500 HR	-1,857 AF
TOTAL CALCULATED UNGAUGED INFLOW	9,259 CFS

GRANITE REEF

SALT BELOW G. REEF	55,219 CFS	1600 HR
ARIZONA CANAL	0 CFS	1600 HR
SOUTH CANAL	0 CFS	1600 HR
TOTAL AT G. REEF	55,219 CFS	1600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1600 PERIOD 4.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.4 1,910 CFS 1600 HR

VERDE @ EAST VERDE GH 9.8 6,962 CFS 1600 HR

VERDE @ TANGLE CRK GH 8.7 4,948 CFS 1600 HR

VERDE BEELINE GH 0.0 0 CFS 1600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 114.56′ ELEV 2014.56′ CONTENTS 101,411 AF AVAIL +30,016 AF

CHANGE IN CONTENTS SINCE 1200 HR -1,693 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 7,107 CFS 1600 HR

BARTLETT HOUR 1600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.10′ ELEV 1794.10′ CONTENTS 167,437 AF AVAIL +10,749 AF

CHANGE IN CONTENTS SINCE 1200 HR -1,084 AF

CALCULATED UNGAUGED INFLOW 4,662 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,048 CFS 1600 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +268,848 AF

AVAIL STORAGE +40,765 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR -2,777 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,662 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE _____ TIME 1500

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.65
RELEASE 31,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1910.58
RELEASE 35,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.50
RELEASE 36100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.4
EAST DEVER 8.7
TANGLE CREEK 8.8

SALT RIVER CANYON 5.0
SALT ROOSEVELT 11.3
TONTO CREEK _____

STEWART MOUNTAIN

EL 1521.80
RELEASE 39,300 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF _____

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.0	3,700 CFS	1500 HR
SALT ROOSEVELT	GH 11.3	4,920 CFS	1500 HR
TONTO CREEK	GH 0.0	0 CFS	1500 HR
TOTAL INFLOW ROOSEVELT		4,920 CFS	1500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.70′ ELEV 2129.65′ CONTENTS 1,272,802 AF AVAIL+108,778 AF
CHANGE IN CONTENTS SINCE 1400 HR -1,706 AF
CALCULATED UNGAUGED INFLOW 5,437 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 31,000 CFS 1500 HR

HORSE MESA HOUR 1500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 260.58′ ELEV 1910.58′ CONTENTS 236,146 AF AVAIL +8,992 AF
CHANGE IN CONTENTS SINCE 1400 HR -338 AF
CALCULATED UNGAUGED INFLOW 210 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1500 HR
HORSE MESA TUNNEL 35,300 CFS 1500 HR
TOTAL HORSE MESA RELEASE 35,300 CFS 1500 HR

MORMON FLAT HOUR 1500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.50′ ELEV 1638.50′ CONTENTS 38,540 AF AVAIL +19,312 AF
CHANGE IN CONTENTS SINCE 1400 HR -118 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 10,279 AF
MORMON FLA TOTAL RELEASE 36,100 CFS 1500 HR

STEWART MOUNTAIN HOUR 1500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.80′ ELEV 1521.80′ CONTENTS 61,012 AF AVAIL +8,753 AF
CHANGE IN CONTENTS SINCE 1400 HR -233 AF
CALCULATED UNGAUGED INFLOW 381 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 7,807 AF
ST MTN TOTAL RELEASE 39,300 CFS 1500 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,608,500 AF
AVAIL STORAGE +145,835 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1400 HR -2,395 AF
TOTAL CALCULATED UNGAUGED INFLOW 6,028 CFS

GRANITE REEF

SALT BELOW G. REEF	0 CFS	1500 HR
ARIZONA CANAL	0 CFS	1500 HR
SOUTH CANAL	0 CFS	1500 HR
TOTAL AT G. REEF	0 CFS	1500 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE _____ TIME 1400

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.75
RELEASE 31,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1910.71
RELEASE 35,400 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.65
RELEASE 36,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DIXIE 6.5
EAST DIXIE 8.6
TANGLE CREEK 8.9

SALT RIVER CANYON 5.0
SALT ROOSEVELT 11.3
TONTO CREEK _____

STEWART MOUNTAIN

EL 1522.00
RELEASE 39,500 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF _____

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.0	3,700 CFS	1400 HR
SALT ROOSEVELT	GH 11.3	4,920 CFS	1400 HR
TONTO CREEK	GH 0.0	0 CFS	1400 HR
TOTAL INFLOW ROOSEVELT		4,920 CFS	1400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.80′ ELEV 2129.75′ CONTENTS 1,274,508 AF AVAIL+107,072 AF
CHANGE IN CONTENTS SINCE 1300 HR -1,706 AF
CALCULATED UNGAUGED INFLOW 5,937 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	31,500 CFS	1400 HR

HORSE MESA HOUR 1400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 260.71′ ELEV 1910.71′ CONTENTS 236,484 AF AVAIL +8,654 AF
CHANGE IN CONTENTS SINCE 1300 HR -417 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1400 HR
HORSE MESA TUNNEL	35,400 CFS	1400 HR
TOTAL HORSE MESA RELEASE	35,400 CFS	1400 HR

MORMON FLAT HOUR 1400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.65′ ELEV 1638.65′ CONTENTS 38,658 AF AVAIL +19,194 AF
CHANGE IN CONTENTS SINCE 1300 HR +0 AF
CALCULATED UNGAUGED INFLOW 900 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 10,279 AF

MORMON FLA TOTAL RELEASE	36,300 CFS	1400 HR

STEWART MOUNTAIN HOUR 1400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.00′ ELEV 1522.00′ CONTENTS 61,245 AF AVAIL +8,520 AF
CHANGE IN CONTENTS SINCE 1300 HR -235 AF
CALCULATED UNGAUGED INFLOW 357 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 7,807 AF

ST MTN TOTAL RELEASE	39,500 CFS	1400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,610,895 AF
AVAIL STORAGE +143,440 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1300 HR -2,358 AF
TOTAL CALCULATED UNGAUGED INFLOW 7,194 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	1400 HR
ARIZONA CANAL	155 CFS	1400 HR
SOUTH CANAL	125 CFS	1400 HR
TOTAL AT G. REEF	56,875 CFS	1400 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE _____ TIME _____

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.85
RELEASE 32,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1910.87
RELEASE 35,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.65
RELEASE 36,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.5
EAST DEVER 8.7
TONGLE CREEK 9.0

SALT RIVER CANYON 5.1
SALT ROOSEVELT 11.4
TONTO CREEK 0.0

STEWART MOUNTAIN

EL 1522.2
RELEASE 43,400 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF

NS _____ SS _____

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.1	3,900 CFS	1300 HR	
SALT ROOSEVELT	GH 11.4	5,160 CFS	1300 HR	
TONTO CREEK	GH 0.0	0 CFS	1300 HR	
TOTAL INFLOW ROOSEVELT		5,160 CFS	1300 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 1300

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 227.90′	ELEV 2129.85′	CONTENTS 1,276,214 AF	AVAIL+105,366 AF
CHANGE IN CONTENTS SINCE 1200 HR		-1,535 AF		
CALCULATED UNGAUGED INFLOW		8,267 CFS		
SURCHARGE CONTENTS AVAIL 1300 HR		173,805 AF		
ROOSEVELT TOTAL RELEASE		32,000 CFS	1300 HR	

HORSE MESA HOUR 1300

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 260.87′	ELEV 1910.87′	CONTENTS 236,901 AF	AVAIL +8,237 AF
CHANGE IN CONTENTS SINCE 1200 HR		-364 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL 1300 HR		16,210 AF		
HORSE MESA SPILLWAY RELEASE		0 CFS	1300 HR	
HORSE MESA TUNNEL		35,600 CFS	1300 HR	
TOTAL HORSE MESA RELEASE		35,600 CFS	1300 HR	

MORMON FLAT HOUR 1300

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 119.65′	ELEV 1638.65′	CONTENTS 38,658 AF	AVAIL +19,194 AF
CHANGE IN CONTENTS SINCE 1200 HR		-47 AF		
CALCULATED UNGAUGED INFLOW		131 CFS		
SURCHARGE CONTENTS AVAIL 1300 HR		10,279 AF		
MORMON FLA TOTAL RELEASE		36,300 CFS	1300 HR	

STEWART MOUNTAIN HOUR 1300

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 112.20′	ELEV 1522.20′	CONTENTS 61,480 AF	AVAIL +8,285 AF
CHANGE IN CONTENTS SINCE 1200 HR		-118 AF		
CALCULATED UNGAUGED INFLOW		5,672 CFS		
SURCHARGE CONTENTS AVAIL 1300 HR		7,807 AF		
ST MTN TOTAL RELEASE		43,400 CFS	1300 HR	

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,613,253 AF
AVAIL STORAGE	+141,082 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1200 HR	-2,064 AF
TOTAL CALCULATED UNGAUGED INFLOW	14,070 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	1300 HR	
ARIZONA CANAL	155 CFS	1300 HR	
SOUTH CANAL	125 CFS	1300 HR	
TOTAL AT G. REEF	56,875 CFS	1300 HR	

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 1200

HORSESHOE

GH 115.25
RELEASE 7276 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2129.94
RELEASE 32,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.5
RELEASE 15,096 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1911.01
RELEASE 36,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL 36,000
SPILL 0
TOTAL _____

MORMON FLAT

EL 1638.71
RELEASE 36,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.6
EAST DEVER 8.8
TONTO CREEK 9.1

SALT RIVER CANYON 5.2
SALT ROOSEVELT 11.4
TONTO CREEK 9.1

STEWART MOUNTAIN

EL 1522.30
RELEASE 44,000 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 56,595 CFS

NS _____ SS _____

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1200 PERIOD 2.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.6 2,170 CFS 1200 HR

VERDE @ EAST VERDE GH 10.0 7,390 CFS 1200 HR

VERDE @ TANGLE CRK GH 9.1 5,623 CFS 1200 HR

VERDE BEELINE GH 0.0 0 CFS 1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 115.25′ ELEV 2015.25′ CONTENTS 103,104 AF AVAIL +28,323 AF

CHANGE IN CONTENTS SINCE 1000 HR -692 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 7,276 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.50′ ELEV 1794.50′ CONTENTS 168,521 AF AVAIL +9,665 AF

CHANGE IN CONTENTS SINCE 1000 HR -542 AF

CALCULATED UNGAUGED INFLOW 4,541 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,096 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +271,625 AF

AVAIL STORAGE +37,988 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1000 HR -1,234 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,541 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1200 PERIOD 24.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.2	4,100 CFS	1200 HR
SALT ROOSEVELT	GH 11.4	5,160 CFS	1200 HR
TONTO CREEK	GH 0.0	0 CFS	1200 HR
TOTAL INFLOW ROOSEVELT		5,160 CFS	1200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.99′ ELEV 2129.94′ CONTENTS 1,277,749 AF AVAIL +103,831 AF
CHANGE IN CONTENTS SINCE 1200 HR +0 AF
CALCULATED UNGAUGED INFLOW 27,340 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	32,500 CFS	1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.01′ ELEV 1911.01′ CONTENTS 237,265 AF AVAIL +7,873 AF
CHANGE IN CONTENTS SINCE 1200 HR +2,602 AF
CALCULATED UNGAUGED INFLOW 4,812 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1200 HR
HORSE MESA TUNNEL	36,000 CFS	1200 HR
TOTAL HORSE MESA RELEASE	36,000 CFS	1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.71′ ELEV 1638.71′ CONTENTS 38,705 AF AVAIL +19,147 AF
CHANGE IN CONTENTS SINCE 1200 HR +0 AF
CALCULATED UNGAUGED INFLOW 300 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF

MORMON FLA TOTAL RELEASE	36,300 CFS	1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.30′ ELEV 1522.30′ CONTENTS 61,598 AF AVAIL +8,167 AF
CHANGE IN CONTENTS SINCE 1200 HR +0 AF
CALCULATED UNGAUGED INFLOW 7,700 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF

ST MTN TOTAL RELEASE	44,000 CFS	1200 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,615,317 AF
AVAIL STORAGE +139,018 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1200 HR +2,602 AF
TOTAL CALCULATED UNGAUGED INFLOW 40,152 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	1200 HR
ARIZONA CANAL	155 CFS	1200 HR
SOUTH CANAL	125 CFS	1200 HR
TOTAL AT G. REEF	56,875 CFS	1200 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20 TIME 1100

HORSESHOE

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2130.01
RELEASE 32500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH _____
RELEASE _____ CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1911.08
RELEASE 36,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.71
RELEASE 36,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEKER 6.6
EAST DEKER 8.9
TONTO CREEK 9.1

SALT RIVER CANYON 5.2
SALT ROOSEVELT 11.5
TONTO CREEK 0

STEWART MOUNTAIN

EL 1522.40
RELEASE 38,900 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 56505

NS 155 SS 125

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.2	4,100 CFS	1100 HR
SALT ROOSEVELT	GH 11.5	5,400 CFS	1100 HR
TONTO CREEK	GH 0.0	2,030 CFS	1100 HR
TOTAL INFLOW ROOSEVELT		7,430 CFS	1100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.06′ ELEV 2130.01′ CONTENTS 1,278,954 AF AVAIL+102,626 AF
CHANGE IN CONTENTS SINCE 1000 HR -1,378 AF
CALCULATED UNGAUGED INFLOW 8,396 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	32,500 CFS	1100 HR

HORSE MESA HOUR 1100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.08′ ELEV 1911.08′ CONTENTS 237,448 AF AVAIL +7,690 AF
CHANGE IN CONTENTS SINCE 1000 HR -367 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1100 HR
HORSE MESA TUNNEL	36,000 CFS	1100 HR
TOTAL HORSE MESA RELEASE	36,000 CFS	1100 HR

MORMON FLAT HOUR 1100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.71′ ELEV 1638.71′ CONTENTS 38,705 AF AVAIL +19,147 AF
CHANGE IN CONTENTS SINCE 1000 HR +32 AF
CALCULATED UNGAUGED INFLOW 687 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 10,279 AF

MORMON FLA TOTAL RELEASE	36,300 CFS	1100 HR

STEWART MOUNTAIN HOUR 1100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.40′ ELEV 1522.40′ CONTENTS 61,716 AF AVAIL +8,049 AF
CHANGE IN CONTENTS SINCE 1000 HR -118 AF
CALCULATED UNGAUGED INFLOW 1,172 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 7,807 AF

ST MTN TOTAL RELEASE	38,900 CFS	1100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,616,823 AF
AVAIL STORAGE	+137,512 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1000 HR	-1,831 AF
TOTAL CALCULATED UNGAUGED INFLOW	10,255 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	1100 HR
ARIZONA CANAL	155 CFS	1100 HR
SOUTH CANAL	125 CFS	1100 HR
TOTAL AT G. REEF	56,875 CFS	1100 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/70 TIME 1000

HORSESHOE

GH 115.53
RELEASE 7321 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2130.09
RELEASE 33,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.70
RELEASE 15122 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1911.22
RELEASE 36,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.67
RELEASE 38,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVEN 6.7
EAST DEVEN 8.9
TANGLE CREEK 9.2

SALT RIVER CANYON 5.3
SALT ROOSEVELT 11.6
TONTO CREEK 0

STEWART MOUNTAIN

EL 1522.50
RELEASE 39,000 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 56595

NS 155 SS 125

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.3	4,300 CFS	1000 HR
SALT ROOSEVELT	GH 11.6	5,620 CFS	1000 HR
TONTO CREEK	GH 0.0	2,030 CFS	1000 HR
TOTAL INFLOW ROOSEVELT		7,650 CFS	1000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.14′ ELEV 2130.09′ CONTENTS 1,280,332 AF AVAIL+101,248 AF
CHANGE IN CONTENTS SINCE 900 HR -1,723 AF
CALCULATED UNGAUGED INFLOW 4,502 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 33,000 CFS 1000 HR

HORSE MESA HOUR 1000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.22′ ELEV 1911.22′ CONTENTS 237,815 AF AVAIL +7,323 AF
CHANGE IN CONTENTS SINCE 900 HR -419 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1000 HR
HORSE MESA TUNNEL	36,100 CFS	1000 HR
TOTAL HORSE MESA RELEASE	36,100 CFS	1000 HR

MORMON FLAT HOUR 1000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.67′ ELEV 1638.67′ CONTENTS 38,673 AF AVAIL +19,179 AF
CHANGE IN CONTENTS SINCE 900 HR +47 AF
CALCULATED UNGAUGED INFLOW 2,769 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,300 CFS 1000 HR

STEWART MOUNTAIN HOUR 1000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.50′ ELEV 1522.50′ CONTENTS 61,834 AF AVAIL +7,931 AF
CHANGE IN CONTENTS SINCE 900 HR -117 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 7,807 AF
ST MTN TOTAL RELEASE 39,000 CFS 1000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,618,654 AF
AVAIL STORAGE +135,681 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 900 HR -2,212 AF
TOTAL CALCULATED UNGAUGED INFLOW 7,271 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	1000 HR
ARIZONA CANAL	155 CFS	1000 HR
SOUTH CANAL	125 CFS	1000 HR
TOTAL AT G. REEF	56,875 CFS	1000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 1000 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.7 2,310 CFS 1000 HR

VERDE @ EAST VERDE GH 10.1 7,616 CFS 1000 HR

VERDE @ TANGLE CRK GH 9.2 5,806 CFS 1000 HR

VERDE BEELINE GH 0.0 0 CFS 1000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 115.53′ ELEV 2015.53′ CONTENTS 103,796 AF AVAIL +27,631 AF

CHANGE IN CONTENTS SINCE 900 HR -346 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 7,321 CFS 1000 HR

BARTLETT HOUR 1000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.70′ ELEV 1794.70′ CONTENTS 169,063 AF AVAIL +9,123 AF

CHANGE IN CONTENTS SINCE 900 HR -244 AF

CALCULATED UNGAUGED INFLOW 4,849 CFS

SURCHARGE CONTENTS AVAIL 1000 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,122 CFS 1000 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +272,859 AF

AVAIL STORAGE +36,754 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 900 HR -590 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,849 CFS

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20 TIME 0900

HORSESHOE

GH 115.67
RELEASE 7363 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2130.19
RELEASE 33,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 104.79
RELEASE 15130 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

HORSE MESA

EL 1911.38
RELEASE 36300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

MORMON FLAT

EL 1638.61
RELEASE 38200 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVEE 6.8
EAST DEVEE 9.0
TONGLE CREEK 9.3

SALT RIVER CANYON 5.4
SALT ROOSEVELT 11.7
TONTO CREEK ___

STEWART MOUNTAIN

EL 1522.60
RELEASE 39400 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 56595

NS 155 SS 125

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 900 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.8 2,450 CFS 900 HR

VERDE @ EAST VERDE GH 10.2 7,842 CFS 900 HR

VERDE @ TANGLE CRK GH 9.3 5,989 CFS 900 HR

VERDE BEELINE GH 0.0 0 CFS 900 HR

VERDE RESERVOIRS

HORSESHOE HOUR 900

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 115.67′ ELEV 2015.67′ CONTENTS 104,142 AF AVAIL +27,285 AF

CHANGE IN CONTENTS SINCE 800 HR -370 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 900 HR 17,576 AF

HORSESHOE TOTAL RELEASE 7,363 CFS 900 HR

BARTLETT HOUR 900

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.79′ ELEV 1794.79′ CONTENTS 169,307 AF AVAIL +8,879 AF

CHANGE IN CONTENTS SINCE 800 HR -271 AF

CALCULATED UNGAUGED INFLOW 4,488 CFS

SURCHARGE CONTENTS AVAIL 900 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,130 CFS 900 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +273,449 AF

AVAIL STORAGE +36,164 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR -641 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,488 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.4	4,500 CFS	900 HR
SALT ROOSEVELT	GH 11.7	5,840 CFS	900 HR
TONTO CREEK	GH 0.0	2,030 CFS	900 HR
TOTAL INFLOW ROOSEVELT		7,870 CFS	900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.24′ ELEV 2130.19′ CONTENTS 1,282,055 AF AVAIL +99,525 AF
CHANGE IN CONTENTS SINCE 800 HR -1,551 AF
CALCULATED UNGAUGED INFLOW 6,863 CFS
SURCHARGE CONTENTS AVAIL 900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 33,500 CFS 900 HR

HORSE MESA HOUR 900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.38′ ELEV 1911.38′ CONTENTS 238,234 AF AVAIL +6,904 AF
CHANGE IN CONTENTS SINCE 800 HR -52 AF
CALCULATED UNGAUGED INFLOW 2,171 CFS
SURCHARGE CONTENTS AVAIL 900 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	900 HR
HORSE MESA TUNNEL	36,300 CFS	900 HR
TOTAL HORSE MESA RELEASE	36,300 CFS	900 HR

MORMON FLAT HOUR 900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.61′ ELEV 1638.61′ CONTENTS 38,626 AF AVAIL +19,226 AF
CHANGE IN CONTENTS SINCE 800 HR +110 AF
CALCULATED UNGAUGED INFLOW 3,231 CFS
SURCHARGE CONTENTS AVAIL 900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,200 CFS 900 HR

STEWART MOUNTAIN HOUR 900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.60′ ELEV 1522.60′ CONTENTS 61,951 AF AVAIL +7,814 AF
CHANGE IN CONTENTS SINCE 800 HR -118 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 900 HR 7,807 AF
ST MTN TOTAL RELEASE 39,400 CFS 900 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,620,866 AF
AVAIL STORAGE	+133,469 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 800 HR	-1,611 AF
TOTAL CALCULATED UNGAUGED INFLOW	12,265 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	900 HR
ARIZONA CANAL	155 CFS	900 HR
SOUTH CANAL	125 CFS	900 HR
TOTAL AT G. REEF	56,875 CFS	900 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20/79 TIME 2800

HORSESHOE

GH 115.82
RELEASE 7384 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2130.28
RELEASE 34,100 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.89
RELEASE 15,179 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1911.40
RELEASE 36,300 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMON FLAT

EL 1638.47
RELEASE 38,000 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGHTS

CAMP DEVER 6.8
EAST VERDE 8.4
TONGLE CREEK 9.3

SALT RIVER CANYON 5.4
SALT ROOSEVELT 11.7
TONTO CREEK _____

STEWART MOUNTAIN

EL 1522.70
RELEASE 39,700 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 56,595

NS 155 SS 125

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 800 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.8 2,450 CFS 800 HR

VERDE @ EAST VERDE GH 10.1 7,616 CFS 800 HR

VERDE @ TANGLE CRK GH 9.3 5,989 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 115.82′ ELEV 2015.82′ CONTENTS 104,512 AF AVAIL +26,915 AF

CHANGE IN CONTENTS SINCE 700 HR -297 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 7,384 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.89′ ELEV 1794.89′ CONTENTS 169,578 AF AVAIL +8,608 AF

CHANGE IN CONTENTS SINCE 700 HR -108 AF

CALCULATED UNGAUGED INFLOW 6,488 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,179 CFS 800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +274,090 AF

AVAIL STORAGE +35,523 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 700 HR -405 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,488 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 1/20/79 HOUR 800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.4	4,500 CFS	800 HR
SALT ROOSEVELT	GH 11.7	5,840 CFS	800 HR
TONTO CREEK	GH 0.0	2,030 CFS	800 HR
TOTAL INFLOW ROOSEVELT		7,870 CFS	800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.33′ ELEV 2130.28′ CONTENTS 1,283,606 AF AVAIL +97,974 AF
CHANGE IN CONTENTS SINCE 700 HR -1,895 AF
CALCULATED UNGAUGED INFLOW 3,301 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 34,100 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.40′ ELEV 1911.40′ CONTENTS 238,286 AF AVAIL +6,852 AF
CHANGE IN CONTENTS SINCE 700 HR -498 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	800 HR
HORSE MESA TUNNEL	36,300 CFS	800 HR
TOTAL HORSE MESA RELEASE	36,300 CFS	800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.47′ ELEV 1638.47′ CONTENTS 38,516 AF AVAIL +19,336 AF
CHANGE IN CONTENTS SINCE 700 HR +55 AF
CALCULATED UNGAUGED INFLOW 2,366 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,000 CFS 800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.70′ ELEV 1522.70′ CONTENTS 62,069 AF AVAIL +7,696 AF
CHANGE IN CONTENTS SINCE 700 HR -118 AF
CALCULATED UNGAUGED INFLOW 272 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF
ST MTN TOTAL RELEASE 39,700 CFS 800 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,622,477 AF
AVAIL STORAGE	+131,858 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 700 HR	-2,456 AF
TOTAL CALCULATED UNGAUGED INFLOW	5,939 CFS

GRANITE REEF

SALT BELOW G. REEF	56,595 CFS	800 HR
ARIZONA CANAL	155 CFS	800 HR
SOUTH CANAL	125 CFS	800 HR
TOTAL AT G. REEF	56,875 CFS	800 HR

INFLOW - STORAGE - OUTFLOW - ADVISORY

WORK SHEET

DATE 1/20 TIME 0700

HORSESHOE

GH 115.94
RELEASE 7404 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

ROOSEVELT

EL 2130.39
RELEASE 34,900 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

BARTLETT

GH 194.93
RELEASE 15,187 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

HORSE MESA

EL 1911.59
RELEASE 36,500 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

TUNNEL _____
SPILL _____
TOTAL _____

MORMAN FLAT

15 0659 0726
EL 1638.40
RELEASE 36,600 CFS
CHANGE OF RELEASE:
_____ CFS
_____ TIME

GAGE HEIGTHS

CAMP VERDE 6.9
EAST VERDE 9.1
TANGLE CREEK 9.4

SALT RIVER CANYON 5.4
SALT ROOSEVELT 11.8
TONTO CREEK ___

STEWART MOUNTAIN

EL 1522.8
RELEASE 40,500 CFS
CHANGE IN RELEASE:
_____ CFS
_____ TIME

GRANITE REEF 58,000
NS 155 SS 125

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 700 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 6.9 2,600 CFS 700 HR

VERDE @ EAST VERDE GH 10.3 8,068 CFS 700 HR

VERDE @ TANGLE CRK GH 9.4 6,172 CFS 700 HR

VERDE BEELINE GH 0.0 0 CFS 700 HR

VERDE RESERVOIRS

HORSESHOE HOUR 700

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 115.94′ ELEV 2015.94′ CONTENTS 104,809 AF AVAIL +26,618 AF

CHANGE IN CONTENTS SINCE 600 HR -548 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 700 HR 17,576 AF

HORSESHOE TOTAL RELEASE 7,404 CFS 700 HR

BARTLETT HOUR 700

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.93′ ELEV 1794.93′ CONTENTS 169,686 AF AVAIL +8,500 AF

CHANGE IN CONTENTS SINCE 600 HR +27 AF

CALCULATED UNGAUGED INFLOW 8,110 CFS

SURCHARGE CONTENTS AVAIL 700 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,187 CFS 700 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +274,495 AF

AVAIL STORAGE +35,118 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 600 HR -521 AF

TOTAL CALCULATED UNGAUGED INFLOW 8,110 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.4	4,500 CFS	700 HR
SALT ROOSEVELT	GH 11.8	6,060 CFS	700 HR
TONTO CREEK	GH 5.4	2,030 CFS	700 HR
TOTAL INFLOW ROOSEVELT		8,090 CFS	700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.44′ ELEV 2130.39′ CONTENTS 1,285,501 AF AVAIL +96,079 AF
CHANGE IN CONTENTS SINCE 600 HR -1,206 AF
CALCULATED UNGAUGED INFLOW 12,217 CFS
SURCHARGE CONTENTS AVAIL 700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 34,900 CFS 700 HR

HORSE MESA HOUR 700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.59′ ELEV 1911.59′ CONTENTS 238,784 AF AVAIL +6,354 AF
CHANGE IN CONTENTS SINCE 600 HR -104 AF
CALCULATED UNGAUGED INFLOW 342 CFS
SURCHARGE CONTENTS AVAIL 700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	700 HR
HORSE MESA TUNNEL	36,500 CFS	700 HR
TOTAL HORSE MESA RELEASE	36,500 CFS	700 HR

MORMON FLAT HOUR 700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.40′ ELEV 1638.40′ CONTENTS 38,461 AF AVAIL +19,391 AF
CHANGE IN CONTENTS SINCE 600 HR -47 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 700 HR 10,279 AF

MORMON FLA TOTAL RELEASE	36,000 CFS	700 HR

STEWART MOUNTAIN HOUR 700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.80′ ELEV 1522.80′ CONTENTS 62,187 AF AVAIL +7,578 AF
CHANGE IN CONTENTS SINCE 600 HR -117 AF
CALCULATED UNGAUGED INFLOW 3,084 CFS
SURCHARGE CONTENTS AVAIL 700 HR 7,807 AF

ST MTN TOTAL RELEASE	40,500 CFS	700 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,624,933 AF
AVAIL STORAGE	+129,402 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 600 HR	-1,474 AF
TOTAL CALCULATED UNGAUGED INFLOW	15,643 CFS

GRANITE REEF

SALT BELOW G. REEF	58,000 CFS	700 HR
ARIZONA CANAL	155 CFS	700 HR
SOUTH CANAL	125 CFS	700 HR
TOTAL AT G. REEF	58,280 CFS	700 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.5	4,700 CFS	600 HR	
SALT ROOSEVELT	GH 11.9	6,280 CFS	600 HR	
TONTO CREEK	GH 5.4	2,030 CFS	600 HR	
TOTAL INFLOW ROOSEVELT		8,310 CFS	600 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.51′ ELEV 2130.46′ CONTENTS 1,286,707 AF AVAIL +94,873 AF
CHANGE IN CONTENTS SINCE 500 HR -1,723 AF
CALCULATED UNGAUGED INFLOW 6,242 CFS
SURCHARGE CONTENTS AVAIL 600 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 35,400 CFS 600 HR

HORSE MESA HOUR 600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.63′ ELEV 1911.63′ CONTENTS 238,888 AF AVAIL +6,250 AF
CHANGE IN CONTENTS SINCE 500 HR -53 AF
CALCULATED UNGAUGED INFLOW 659 CFS
SURCHARGE CONTENTS AVAIL 600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	600 HR
HORSE MESA TUNNEL	36,700 CFS	600 HR
TOTAL HORSE MESA RELEASE	36,700 CFS	600 HR

MORMON FLAT HOUR 600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.46′ ELEV 1638.46′ CONTENTS 38,508 AF AVAIL +19,344 AF
CHANGE IN CONTENTS SINCE 500 HR -110 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 600 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,000 CFS 600 HR

STEWART MOUNTAIN HOUR 600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.90′ ELEV 1522.90′ CONTENTS 62,304 AF AVAIL +7,461 AF
CHANGE IN CONTENTS SINCE 500 HR +0 AF
CALCULATED UNGAUGED INFLOW 2,700 CFS
SURCHARGE CONTENTS AVAIL 600 HR 7,807 AF
ST MTN TOTAL RELEASE 40,700 CFS 600 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,626,407 AF
AVAIL STORAGE	+127,928 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 500 HR	-1,886 AF
TOTAL CALCULATED UNGAUGED INFLOW	9,601 CFS

GRANITE REEF

SALT BELOW G. REEF	58,478 CFS	600 HR
ARIZONA CANAL	155 CFS	600 HR
SOUTH CANAL	152 CFS	600 HR
TOTAL AT G. REEF	58,785 CFS	600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 600 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.0 2,750 CFS 600 HR

VERDE @ EAST VERDE GH 10.3 8,068 CFS 600 HR

VERDE @ TANGLE CRK GH 9.5 6,355 CFS 600 HR

VERDE BEELINE GH 0.0 0 CFS 600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 116.16′ ELEV 2016.16′ CONTENTS 105,357 AF AVAIL +26,070 AF

CHANGE IN CONTENTS SINCE 500 HR -650 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,430 CFS 600 HR

BARTLETT HOUR 600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.92′ ELEV 1794.92′ CONTENTS 169,659 AF AVAIL +8,527 AF

CHANGE IN CONTENTS SINCE 500 HR +27 AF

CALCULATED UNGAUGED INFLOW 5,044 CFS

SURCHARGE CONTENTS AVAIL 600 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,147 CFS 600 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +275,016 AF

AVAIL STORAGE +34,597 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 500 HR -623 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,044 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 500 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.1 2,900 CFS 500 HR

VERDE @ EAST VERDE GH 10.4 8,294 CFS 500 HR

VERDE @ TANGLE CRK GH 9.5 6,355 CFS 500 HR

VERDE BEELINE GH 0.0 0 CFS 500 HR

VERDE RESERVOIRS

HORSESHOE HOUR 500

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 116.42′ ELEV 2016.42′ CONTENTS 106,007 AF AVAIL +25,420 AF

CHANGE IN CONTENTS SINCE 400 HR -624 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 500 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,462 CFS 500 HR

BARTLETT HOUR 500

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.91′ ELEV 1794.91′ CONTENTS 169,632 AF AVAIL +8,554 AF

CHANGE IN CONTENTS SINCE 400 HR +54 AF

CALCULATED UNGAUGED INFLOW 5,338 CFS

SURCHARGE CONTENTS AVAIL 500 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,147 CFS 500 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +275,639 AF

AVAIL STORAGE +33,974 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 400 HR -570 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,338 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.5	4,700 CFS	500 HR
SALT ROOSEVELT	GH 12.0	6,500 CFS	500 HR
TONTO CREEK	GH 5.4	2,030 CFS	500 HR
TOTAL INFLOW ROOSEVELT		8,530 CFS	500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.61′ ELEV 2130.56′ CONTENTS 1,288,430 AF AVAIL +93,150 AF
CHANGE IN CONTENTS SINCE 400 HR -1,379 AF
CALCULATED UNGAUGED INFLOW 10,484 CFS
SURCHARGE CONTENTS AVAIL 500 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 35,700 CFS 500 HR

HORSE MESA HOUR 500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.65′ ELEV 1911.65′ CONTENTS 238,941 AF AVAIL +6,197 AF
CHANGE IN CONTENTS SINCE 400 HR -366 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	500 HR
HORSE MESA TUNNEL	36,700 CFS	500 HR
TOTAL HORSE MESA RELEASE	36,700 CFS	500 HR

MORMON FLAT HOUR 500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.60′ ELEV 1638.60′ CONTENTS 38,618 AF AVAIL +19,234 AF
CHANGE IN CONTENTS SINCE 400 HR -79 AF
CALCULATED UNGAUGED INFLOW 544 CFS
SURCHARGE CONTENTS AVAIL 500 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,200 CFS 500 HR

STEWART MOUNTAIN HOUR 500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.90′ ELEV 1522.90′ CONTENTS 62,304 AF AVAIL +7,461 AF
CHANGE IN CONTENTS SINCE 400 HR -118 AF
CALCULATED UNGAUGED INFLOW 1,072 CFS
SURCHARGE CONTENTS AVAIL 500 HR 7,807 AF
ST MTN TOTAL RELEASE 40,700 CFS 500 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,628,293 AF
AVAIL STORAGE +126,042 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 400 HR -1,942 AF
TOTAL CALCULATED UNGAUGED INFLOW 12,100 CFS

GRANITE REEF

SALT BELOW G. REEF	58,478 CFS	500 HR
ARIZONA CANAL	155 CFS	500 HR
SOUTH CANAL	125 CFS	500 HR
TOTAL AT G. REEF	58,758 CFS	500 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.5	4,700 CFS	400 HR
SALT ROOSEVELT	GH 12.0	6,500 CFS	400 HR
TONTO CREEK	GH 5.4	2,030 CFS	400 HR
TOTAL INFLOW ROOSEVELT		8,530 CFS	400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.69′ ELEV 2130.64′ CONTENTS 1,289,809 AF AVAIL +91,771 AF
CHANGE IN CONTENTS SINCE 300 HR -1,723 AF
CALCULATED UNGAUGED INFLOW 6,922 CFS
SURCHARGE CONTENTS AVAIL 400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 36,300 CFS 400 HR

HORSE MESA HOUR 400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.79′ ELEV 1911.79′ CONTENTS 239,307 AF AVAIL +5,831 AF
CHANGE IN CONTENTS SINCE 300 HR +0 AF
CALCULATED UNGAUGED INFLOW 600 CFS
SURCHARGE CONTENTS AVAIL 400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	400 HR
HORSE MESA TUNNEL	36,900 CFS	400 HR
TOTAL HORSE MESA RELEASE	36,900 CFS	400 HR

MORMON FLAT HOUR 400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.70′ ELEV 1638.70′ CONTENTS 38,697 AF AVAIL +19,155 AF
CHANGE IN CONTENTS SINCE 300 HR -110 AF
CALCULATED UNGAUGED INFLOW 69 CFS
SURCHARGE CONTENTS AVAIL 400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,300 CFS 400 HR

STEWART MOUNTAIN HOUR 400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.00′ ELEV 1523.00′ CONTENTS 62,422 AF AVAIL +7,343 AF
CHANGE IN CONTENTS SINCE 300 HR -119 AF
CALCULATED UNGAUGED INFLOW 1,260 CFS
SURCHARGE CONTENTS AVAIL 400 HR 7,807 AF
ST MTN TOTAL RELEASE 41,000 CFS 400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,630,235 AF
AVAIL STORAGE +124,100 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 300 HR -1,952 AF
TOTAL CALCULATED UNGAUGED INFLOW 8,851 CFS

GRANITE REEF

SALT BELOW G. REEF	59,568 CFS	400 HR
ARIZONA CANAL	155 CFS	400 HR
SOUTH CANAL	125 CFS	400 HR
TOTAL AT G. REEF	59,648 CFS	400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.1 2,900 CFS 400 HR

VERDE @ EAST VERDE GH 10.4 8,294 CFS 400 HR

VERDE @ TANGLE CRK GH 9.6 6,559 CFS 400 HR

VERDE BEELINE GH 0.0 0 CFS 400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 116.67′ ELEV 2016.67′ CONTENTS 106,631 AF AVAIL +24,796 AF

CHANGE IN CONTENTS SINCE 300 HR -650 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,538 CFS 400 HR

BARTLETT HOUR 400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.89′ ELEV 1794.89′ CONTENTS 169,578 AF AVAIL +8,608 AF

CHANGE IN CONTENTS SINCE 300 HR +81 AF

CALCULATED UNGAUGED INFLOW 5,589 CFS

SURCHARGE CONTENTS AVAIL 400 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,147 CFS 400 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +276,209 AF

AVAIL STORAGE +33,404 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 300 HR -569 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,589 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.6	4,900 CFS	300 HR
SALT ROOSEVELT	GH 12.1	6,754 CFS	300 HR
TONTO CREEK	GH 5.4	2,030 CFS	300 HR
TOTAL INFLOW ROOSEVELT		8,784 CFS	300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.79′ ELEV 2130.74′ CONTENTS 1,291,532 AF AVAIL +90,048 AF
CHANGE IN CONTENTS SINCE 200 HR -1,550 AF
CALCULATED UNGAUGED INFLOW 9,361 CFS
SURCHARGE CONTENTS AVAIL 300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	36,900 CFS	300 HR

HORSE MESA HOUR 300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.79′ ELEV 1911.79′ CONTENTS 239,307 AF AVAIL +5,831 AF
CHANGE IN CONTENTS SINCE 200 HR -236 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	300 HR
HORSE MESA TUNNEL	36,900 CFS	300 HR
TOTAL HORSE MESA RELEASE	36,900 CFS	300 HR

MORMON FLAT HOUR 300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.84′ ELEV 1638.84′ CONTENTS 38,807 AF AVAIL +19,045 AF
CHANGE IN CONTENTS SINCE 200 HR -126 AF
CALCULATED UNGAUGED INFLOW 75 CFS
SURCHARGE CONTENTS AVAIL 300 HR 10,279 AF

MORMON FLA TOTAL RELEASE	38,500 CFS	300 HR

STEWART MOUNTAIN HOUR 300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.10′ ELEV 1523.10′ CONTENTS 62,541 AF AVAIL +7,224 AF
CHANGE IN CONTENTS SINCE 200 HR +119 AF
CALCULATED UNGAUGED INFLOW 4,240 CFS
SURCHARGE CONTENTS AVAIL 300 HR 7,807 AF

ST MTN TOTAL RELEASE	41,300 CFS	300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,632,187 AF
AVAIL STORAGE	+122,148 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 200 HR	-1,793 AF
TOTAL CALCULATED UNGAUGED INFLOW	13,676 CFS

GRANITE REEF

SALT BELOW G. REEF	59,469 CFS	300 HR
ARIZONA CANAL	155 CFS	300 HR
SOUTH CANAL	125 CFS	300 HR
TOTAL AT G. REEF	59,749 CFS	300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.2 3,050 CFS 300 HR

VERDE @ EAST VERDE GH 10.4 8,294 CFS 300 HR

VERDE @ TANGLE CRK GH 9.6 6,559 CFS 300 HR

VERDE BEELINE GH 0.0 0 CFS 300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 116.93′ ELEV 2016.93′ CONTENTS 107,281 AF AVAIL +24,146 AF

CHANGE IN CONTENTS SINCE 200 HR -706 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,613 CFS 300 HR

BARTLETT HOUR 300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.86′ ELEV 1794.86′ CONTENTS 169,497 AF AVAIL +8,689 AF

CHANGE IN CONTENTS SINCE 200 HR +82 AF

CALCULATED UNGAUGED INFLOW 5,526 CFS

SURCHARGE CONTENTS AVAIL 300 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,147 CFS 300 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +276,778 AF

AVAIL STORAGE +32,835 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 200 HR -624 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,526 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.2 3,050 CFS 200 HR

VERDE @ EAST VERDE GH 10.5 8,520 CFS 200 HR

VERDE @ TANGLE CRK GH 9.7 6,763 CFS 200 HR

VERDE BEELINE GH 0.0 0 CFS 200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 117.21′ ELEV 2017.21′ CONTENTS 107,987 AF AVAIL +23,440 AF

CHANGE IN CONTENTS SINCE 100 HR -532 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,705 CFS 200 HR

BARTLETT HOUR 200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.83′ ELEV 1794.83′ CONTENTS 169,415 AF AVAIL +8,771 AF

CHANGE IN CONTENTS SINCE 100 HR +54 AF

CALCULATED UNGAUGED INFLOW 5,081 CFS

SURCHARGE CONTENTS AVAIL 200 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,133 CFS 200 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +277,402 AF

AVAIL STORAGE +32,211 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 100 HR -478 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,081 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.6	4,900 CFS	200 HR
SALT ROOSEVELT	GH 12.2	7,008 CFS	200 HR
TONTO CREEK	GH 5.4	2,030 CFS	200 HR
TOTAL INFLOW ROOSEVELT		9,038 CFS	200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.88′ ELEV 2130.83′ CONTENTS 1,293,082 AF AVAIL +88,498 AF
CHANGE IN CONTENTS SINCE 100 HR -1,896 AF
CALCULATED UNGAUGED INFLOW 5,320 CFS
SURCHARGE CONTENTS AVAIL 200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	37,300 CFS	200 HR

HORSE MESA HOUR 200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.88′ ELEV 1911.88′ CONTENTS 239,543 AF AVAIL +5,595 AF
CHANGE IN CONTENTS SINCE 100 HR +105 AF
CALCULATED UNGAUGED INFLOW 971 CFS
SURCHARGE CONTENTS AVAIL 200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	200 HR
HORSE MESA TUNNEL	37,000 CFS	200 HR
TOTAL HORSE MESA RELEASE	37,000 CFS	200 HR

MORMON FLAT HOUR 200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.00′ ELEV 1639.00′ CONTENTS 38,933 AF AVAIL +18,919 AF
CHANGE IN CONTENTS SINCE 100 HR -127 AF
CALCULATED UNGAUGED INFLOW 63 CFS
SURCHARGE CONTENTS AVAIL 200 HR 10,279 AF

MORMON FLA TOTAL RELEASE	38,600 CFS	200 HR

STEWART MOUNTAIN HOUR 200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.00′ ELEV 1523.00′ CONTENTS 62,422 AF AVAIL +7,343 AF
CHANGE IN CONTENTS SINCE 100 HR -357 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 200 HR 7,807 AF

ST MTN TOTAL RELEASE	41,700 CFS	200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,633,980 AF
AVAIL STORAGE	+120,355 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 100 HR	-2,275 AF
TOTAL CALCULATED UNGAUGED INFLOW	6,354 CFS

GRANITE REEF

SALT BELOW G. REEF	60,468 CFS	200 HR
ARIZONA CANAL	145 CFS	200 HR
SOUTH CANAL	125 CFS	200 HR
TOTAL AT G. REEF	60,738 CFS	200 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.8	5,350 CFS	100 HR
SALT ROOSEVELT	GH 12.3	7,262 CFS	100 HR
TONTO CREEK	GH 5.4	2,030 CFS	100 HR
TOTAL INFLOW ROOSEVELT		9,292 CFS	100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.99′ ELEV 2130.94′ CONTENTS 1,294,978 AF AVAIL +86,602 AF
CHANGE IN CONTENTS SINCE 2400 HR -2,071 AF
CALCULATED UNGAUGED INFLOW 3,449 CFS
SURCHARGE CONTENTS AVAIL 100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 37,800 CFS 100 HR

HORSE MESA HOUR 100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.84′ ELEV 1911.84′ CONTENTS 239,438 AF AVAIL +5,700 AF
CHANGE IN CONTENTS SINCE 2400 HR -105 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	100 HR
HORSE MESA TUNNEL	36,800 CFS	100 HR
TOTAL HORSE MESA RELEASE	36,800 CFS	100 HR

MORMON FLAT HOUR 100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.16′ ELEV 1639.16′ CONTENTS 39,060 AF AVAIL +18,792 AF
CHANGE IN CONTENTS SINCE 2400 HR -112 AF
CALCULATED UNGAUGED INFLOW 645 CFS
SURCHARGE CONTENTS AVAIL 100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 38,800 CFS 100 HR

STEWART MOUNTAIN HOUR 100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.30′ ELEV 1523.30′ CONTENTS 62,779 AF AVAIL +6,986 AF
CHANGE IN CONTENTS SINCE 2400 HR -119 AF
CALCULATED UNGAUGED INFLOW 2,060 CFS
SURCHARGE CONTENTS AVAIL 100 HR 7,807 AF
ST MTN TOTAL RELEASE 42,300 CFS 100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,636,255 AF
AVAIL STORAGE +118,080 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2400 HR -2,407 AF
TOTAL CALCULATED UNGAUGED INFLOW 6,154 CFS

GRANITE REEF

SALT BELOW G. REEF	60,700 CFS	100 HR
ARIZONA CANAL	145 CFS	100 HR
SOUTH CANAL	125 CFS	100 HR
TOTAL AT G. REEF	60,970 CFS	100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/20/79 HOUR 100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.3 3,200 CFS 100 HR

VERDE @ EAST VERDE GH 10.5 8,520 CFS 100 HR

VERDE @ TANGLE CRK GH 9.7 6,763 CFS 100 HR

VERDE BEELINE GH 0.0 0 CFS 100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 117.42′ ELEV 2017.42′ CONTENTS 108,519 AF AVAIL +22,908 AF

CHANGE IN CONTENTS SINCE 2400 HR -531 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,767 CFS 100 HR

BARTLETT HOUR 100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.81′ ELEV 1794.81′ CONTENTS 169,361 AF AVAIL +8,825 AF

CHANGE IN CONTENTS SINCE 2400 HR +135 AF

CALCULATED UNGAUGED INFLOW 6,017 CFS

SURCHARGE CONTENTS AVAIL 100 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,150 CFS 100 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +277,880 AF

AVAIL STORAGE +31,733 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2400 HR -396 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,017 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.8	5,350 CFS	2400 HR
SALT ROOSEVELT	GH 12.3	7,262 CFS	2400 HR
TONTO CREEK	GH 5.4	2,030 CFS	2400 HR
TOTAL INFLOW ROOSEVELT		9,292 CFS	2400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.11′ ELEV 2131.06′ CONTENTS 1,297,049 AF AVAIL +84,531 AF
CHANGE IN CONTENTS SINCE 2300 HR -1,898 AF
CALCULATED UNGAUGED INFLOW 6,342 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	38,600 CFS	2400 HR

HORSE MESA HOUR 2400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.88′ ELEV 1911.88′ CONTENTS 239,543 AF AVAIL +5,595 AF
CHANGE IN CONTENTS SINCE 2300 HR +0 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	2400 HR
HORSE MESA TUNNEL	37,000 CFS	2400 HR
TOTAL HORSE MESA RELEASE	37,000 CFS	2400 HR

MORMON FLAT HOUR 2400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.30′ ELEV 1639.30′ CONTENTS 39,172 AF AVAIL +18,680 AF
CHANGE IN CONTENTS SINCE 2300 HR -103 AF
CALCULATED UNGAUGED INFLOW 654 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 10,279 AF

MORMON FLA TOTAL RELEASE	38,900 CFS	2400 HR

STEWART MOUNTAIN HOUR 2400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.40′ ELEV 1523.40′ CONTENTS 62,898 AF AVAIL +6,867 AF
CHANGE IN CONTENTS SINCE 2300 HR -238 AF
CALCULATED UNGAUGED INFLOW 1,220 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 7,807 AF

ST MTN TOTAL RELEASE	43,000 CFS	2400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,638,662 AF
AVAIL STORAGE +115,673 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2300 HR -2,239 AF
TOTAL CALCULATED UNGAUGED INFLOW 8,216 CFS

GRANITE REEF

SALT BELOW G. REEF	60,989 CFS	2400 HR
ARIZONA CANAL	145 CFS	2400 HR
SOUTH CANAL	125 CFS	2400 HR
TOTAL AT G. REEF	61,259 CFS	2400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.3 3,200 CFS 2400 HR

VERDE @ EAST VERDE GH 10.5 8,520 CFS 2400 HR

VERDE @ TANGLE CRK GH 9.8 6,967 CFS 2400 HR

VERDE BEELINE GH 0.0 0 CFS 2400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 117.63′ ELEV 2017.63′ CONTENTS 109,050 AF AVAIL +22,377 AF

CHANGE IN CONTENTS SINCE 2300 HR -683 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,830 CFS 2400 HR

BARTLETT HOUR 2400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.76′ ELEV 1794.76′ CONTENTS 169,226 AF AVAIL +8,960 AF

CHANGE IN CONTENTS SINCE 2300 HR +82 AF

CALCULATED UNGAUGED INFLOW 5,301 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,139 CFS 2400 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +278,276 AF

AVAIL STORAGE +31,337 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2300 HR -601 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,301 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.3 3,200 CFS 2300 HR

VERDE @ EAST VERDE GH 10.5 8,520 CFS 2300 HR

VERDE @ TANGLE CRK GH 9.9 7,171 CFS 2300 HR

VERDE BEELINE GH 0.0 0 CFS 2300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 117.90′ ELEV 2017.90′ CONTENTS 109,733 AF AVAIL +21,694 AF

CHANGE IN CONTENTS SINCE 2200 HR -586 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,921 CFS 2300 HR

BARTLETT HOUR 2300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.73′ ELEV 1794.73′ CONTENTS 169,144 AF AVAIL +9,042 AF

CHANGE IN CONTENTS SINCE 2200 HR +81 AF

CALCULATED UNGAUGED INFLOW 5,198 CFS

SURCHARGE CONTENTS AVAIL 2300 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,139 CFS 2300 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +278,877 AF

AVAIL STORAGE +30,736 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2200 HR -505 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,198 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.9	5,600 CFS	2300 HR
SALT ROOSEVELT	GH 12.4	7,516 CFS	2300 HR
TONTO CREEK	GH 5.4	2,030 CFS	2300 HR
TOTAL INFLOW ROOSEVELT		9,546 CFS	2300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.22′ ELEV 2131.17′ CONTENTS 1,298,947 AF AVAIL +82,633 AF
CHANGE IN CONTENTS SINCE 2200 HR -1,381 AF
CALCULATED UNGAUGED INFLOW 12,944 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	39,200 CFS	2300 HR

HORSE MESA HOUR 2300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.88′ ELEV 1911.88′ CONTENTS 239,543 AF AVAIL +5,595 AF
CHANGE IN CONTENTS SINCE 2200 HR -52 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	2300 HR
HORSE MESA TUNNEL	37,000 CFS	2300 HR
TOTAL HORSE MESA RELEASE	37,000 CFS	2300 HR

MORMON FLAT HOUR 2300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.43′ ELEV 1639.43′ CONTENTS 39,275 AF AVAIL +18,577 AF
CHANGE IN CONTENTS SINCE 2200 HR -112 AF
CALCULATED UNGAUGED INFLOW 745 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 10,279 AF

MORMON FLA TOTAL RELEASE	39,100 CFS	2300 HR

STEWART MOUNTAIN HOUR 2300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.60′ ELEV 1523.60′ CONTENTS 63,136 AF AVAIL +6,629 AF
CHANGE IN CONTENTS SINCE 2200 HR -238 AF
CALCULATED UNGAUGED INFLOW 220 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 7,807 AF

ST MTN TOTAL RELEASE	42,200 CFS	2300 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,640,901 AF
AVAIL STORAGE +113,434 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2200 HR -1,783 AF
TOTAL CALCULATED UNGAUGED INFLOW 13,909 CFS

GRANITE REEF

SALT BELOW G. REEF	61,750 CFS	2300 HR
ARIZONA CANAL	145 CFS	2300 HR
SOUTH CANAL	125 CFS	2300 HR
TOTAL AT G. REEF	62,020 CFS	2300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.3 3,200 CFS 2200 HR

VERDE @ EAST VERDE GH 10.6 8,758 CFS 2200 HR

VERDE @ TANGLE CRK GH 9.9 7,171 CFS 2200 HR

VERDE BEELINE GH 0.0 0 CFS 2200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 118.13′ ELEV 2018.13′ CONTENTS 110,319 AF AVAIL +21,108 AF

CHANGE IN CONTENTS SINCE 2100 HR -846 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 10,990 CFS 2200 HR

BARTLETT HOUR 2200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.70′ ELEV 1794.70′ CONTENTS 169,063 AF AVAIL +9,123 AF

CHANGE IN CONTENTS SINCE 2100 HR +135 AF

CALCULATED UNGAUGED INFLOW 5,883 CFS

SURCHARGE CONTENTS AVAIL 2200 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,239 CFS 2200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +279,382 AF

AVAIL STORAGE +30,231 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2100 HR -711 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,883 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 5.9	5,600 CFS	2200 HR
SALT ROOSEVELT	GH 12.4	7,516 CFS	2200 HR
TONTO CREEK	GH 5.4	2,030 CFS	2200 HR
TOTAL INFLOW ROOSEVELT		9,546 CFS	2200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.30′ ELEV 2131.25′ CONTENTS 1,300,328 AF AVAIL +81,252 AF
CHANGE IN CONTENTS SINCE 2100 HR -1,726 AF
CALCULATED UNGAUGED INFLOW 8,969 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	39,400 CFS	2200 HR

HORSE MESA HOUR 2200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.90′ ELEV 1911.90′ CONTENTS 239,595 AF AVAIL +5,543 AF
CHANGE IN CONTENTS SINCE 2100 HR +78 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	2200 HR
HORSE MESA TUNNEL	37,000 CFS	2200 HR
TOTAL HORSE MESA RELEASE	37,000 CFS	2200 HR

MORMON FLAT HOUR 2200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.57′ ELEV 1639.57′ CONTENTS 39,387 AF AVAIL +18,465 AF
CHANGE IN CONTENTS SINCE 2100 HR -167 AF
CALCULATED UNGAUGED INFLOW 79 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 10,279 AF

MORMON FLA TOTAL RELEASE	39,100 CFS	2200 HR

STEWART MOUNTAIN HOUR 2200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.80′ ELEV 1523.80′ CONTENTS 63,374 AF AVAIL +6,391 AF
CHANGE IN CONTENTS SINCE 2100 HR -238 AF
CALCULATED UNGAUGED INFLOW 2,420 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 7,807 AF

ST MTN TOTAL RELEASE	44,400 CFS	2200 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,642,684 AF
AVAIL STORAGE	+111,651 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2100 HR	-2,053 AF
TOTAL CALCULATED UNGAUGED INFLOW	11,468 CFS

GRANITE REEF

SALT BELOW G. REEF	64,000 CFS	2200 HR
ARIZONA CANAL	145 CFS	2200 HR
SOUTH CANAL	125 CFS	2200 HR
TOTAL AT G. REEF	64,270 CFS	2200 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.1	6,100 CFS	2100 HR
SALT ROOSEVELT	GH 12.5	7,770 CFS	2100 HR
TONTO CREEK	GH 5.4	2,030 CFS	2100 HR
TOTAL INFLOW ROOSEVELT		9,800 CFS	2100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.40′ ELEV 2131.35′ CONTENTS 1,302,054 AF AVAIL +79,526 AF
CHANGE IN CONTENTS SINCE 2000 HR -1,726 AF
CALCULATED UNGAUGED INFLOW 9,315 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 40,000 CFS 2100 HR

HORSE MESA HOUR 2100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.87′ ELEV 1911.87′ CONTENTS 239,517 AF AVAIL +5,621 AF
CHANGE IN CONTENTS SINCE 2000 HR +184 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2100 HR
HORSE MESA TUNNEL 37,000 CFS 2100 HR
TOTAL HORSE MESA RELEASE 37,000 CFS 2100 HR

MORMON FLAT HOUR 2100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.78′ ELEV 1639.78′ CONTENTS 39,554 AF AVAIL +18,298 AF
CHANGE IN CONTENTS SINCE 2000 HR -119 AF
CALCULATED UNGAUGED INFLOW 1,060 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 39,500 CFS 2100 HR

STEWART MOUNTAIN HOUR 2100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.00′ ELEV 1524.00′ CONTENTS 63,612 AF AVAIL +6,153 AF
CHANGE IN CONTENTS SINCE 2000 HR -361 AF
CALCULATED UNGAUGED INFLOW 1,297 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 7,807 AF
ST MTN TOTAL RELEASE 45,165 CFS 2100 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,644,737 AF
AVAIL STORAGE	+109,598 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2000 HR	-2,022 AF
TOTAL CALCULATED UNGAUGED INFLOW	11,672 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	2100 HR
ARIZONA CANAL	145 CFS	2100 HR
SOUTH CANAL	125 CFS	2100 HR
TOTAL AT G. REEF	66,270 CFS	2100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.4 3,350 CFS 2100 HR

VERDE @ EAST VERDE GH 10.6 8,758 CFS 2100 HR

VERDE @ TANGLE CRK GH 10.0 7,375 CFS 2100 HR

VERDE BEELINE GH 0.0 0 CFS 2100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 118.46′ ELEV 2018.46′ CONTENTS 111,165 AF AVAIL +20,262 AF

CHANGE IN CONTENTS SINCE 2000 HR -615 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,090 CFS 2100 HR

BARTLETT HOUR 2100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.65′ ELEV 1794.65′ CONTENTS 168,928 AF AVAIL +9,258 AF

CHANGE IN CONTENTS SINCE 2000 HR +109 AF

CALCULATED UNGAUGED INFLOW 5,703 CFS

SURCHARGE CONTENTS AVAIL 2100 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,474 CFS 2100 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +280,093 AF

AVAIL STORAGE +29,520 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2000 HR -506 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,703 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.1	6,100 CFS	2000 HR	
SALT ROOSEVELT	GH 12.8	8,628 CFS	2000 HR	
TONTO CREEK	GH 5.4	2,030 CFS	2000 HR	
TOTAL INFLOW ROOSEVELT		10,658 CFS	2000 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 2000

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 229.50′	ELEV 2131.45′	CONTENTS 1,303,780 AF	AVAIL +77,800 AF
CHANGE IN CONTENTS SINCE 1900 HR		-1,381 AF		
CALCULATED UNGAUGED INFLOW		13,532 CFS		
SURCHARGE CONTENTS AVAIL 2000 HR		173,805 AF		
ROOSEVELT TOTAL RELEASE		40,900 CFS	2000 HR	

HORSE MESA HOUR 2000

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 261.80′	ELEV 1911.80′	CONTENTS 239,333 AF	AVAIL +5,805 AF
CHANGE IN CONTENTS SINCE 1900 HR		+523 AF		
CALCULATED UNGAUGED INFLOW		2,228 CFS		
SURCHARGE CONTENTS AVAIL 2000 HR		16,210 AF		
HORSE MESA SPILLWAY RELEASE		0 CFS	2000 HR	
HORSE MESA TUNNEL		36,800 CFS	2000 HR	
TOTAL HORSE MESA RELEASE		36,800 CFS	2000 HR	

MORMON FLAT HOUR 2000

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 120.93′	ELEV 1639.93′	CONTENTS 39,673 AF	AVAIL +18,179 AF
CHANGE IN CONTENTS SINCE 1900 HR		-137 AF		
CALCULATED UNGAUGED INFLOW		1,042 CFS		
SURCHARGE CONTENTS AVAIL 2000 HR		10,279 AF		
MORMON FLA TOTAL RELEASE		39,500 CFS	2000 HR	

STEWART MOUNTAIN HOUR 2000

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 114.30′	ELEV 1524.30′	CONTENTS 63,973 AF	AVAIL +5,792 AF
CHANGE IN CONTENTS SINCE 1900 HR		-241 AF		
CALCULATED UNGAUGED INFLOW		3,984 CFS		
SURCHARGE CONTENTS AVAIL 2000 HR		7,807 AF		
ST MTN TOTAL RELEASE		46,400 CFS	2000 HR	

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,646,759 AF
AVAIL STORAGE	+107,576 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1900 HR	-1,236 AF
TOTAL CALCULATED UNGAUGED INFLOW	20,786 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	2000 HR	
ARIZONA CANAL	145 CFS	2000 HR	
SOUTH CANAL	125 CFS	2000 HR	
TOTAL AT G. REEF	66,270 CFS	2000 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 2000 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.4 3,350 CFS 2000 HR

VERDE @ EAST VERDE GH 10.7 8,996 CFS 2000 HR

VERDE @ TANGLE CRK GH 10.1 7,601 CFS 2000 HR

VERDE BEELINE GH 0.0 0 CFS 2000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 119.70′ ELEV 2018.70′ CONTENTS 111,780 AF AVAIL +19,647 AF

CHANGE IN CONTENTS SINCE 1900 HR -795 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,162 CFS 2000 HR

BARTLETT HOUR 2000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.61′ ELEV 1794.61′ CONTENTS 168,819 AF AVAIL +9,367 AF

CHANGE IN CONTENTS SINCE 1900 HR +190 AF

CALCULATED UNGAUGED INFLOW 6,485 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,348 CFS 2000 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +280,599 AF

AVAIL STORAGE +29,014 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1900 HR -605 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,485 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.2	6,350 CFS	1900 HR
SALT ROOSEVELT	GH 12.9	8,914 CFS	1900 HR
TONTO CREEK	GH 5.4	2,030 CFS	1900 HR
TOTAL INFLOW ROOSEVELT		10,944 CFS	1900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.58′ ELEV 2131.53′ CONTENTS 1,305,161 AF AVAIL +76,419 AF
CHANGE IN CONTENTS SINCE 1800 HR -1,898 AF
CALCULATED UNGAUGED INFLOW 7,090 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	41,000 CFS	1900 HR

HORSE MESA HOUR 1900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.60′ ELEV 1911.60′ CONTENTS 238,810 AF AVAIL +6,328 AF
CHANGE IN CONTENTS SINCE 1800 HR -262 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1900 HR
HORSE MESA TUNNEL	36,000 CFS	1900 HR
TOTAL HORSE MESA RELEASE	36,000 CFS	1900 HR

MORMON FLAT HOUR 1900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.10′ ELEV 1640.10′ CONTENTS 39,810 AF AVAIL +18,042 AF
CHANGE IN CONTENTS SINCE 1800 HR -161 AF
CALCULATED UNGAUGED INFLOW 352 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 10,279 AF

MORMON FLA TOTAL RELEASE	38,300 CFS	1900 HR

STEWART MOUNTAIN HOUR 1900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.50′ ELEV 1524.50′ CONTENTS 64,214 AF AVAIL +5,551 AF
CHANGE IN CONTENTS SINCE 1800 HR -361 AF
CALCULATED UNGAUGED INFLOW 4,632 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 7,807 AF

ST MTN TOTAL RELEASE	47,300 CFS	1900 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,647,995 AF
AVAIL STORAGE	+106,340 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1800 HR	-2,682 AF
TOTAL CALCULATED UNGAUGED INFLOW	12,074 CFS

GRANITE REEF

SALT BELOW G. REEF	68,000 CFS	1900 HR
ARIZONA CANAL	145 CFS	1900 HR
SOUTH CANAL	125 CFS	1900 HR
TOTAL AT G. REEF	68,270 CFS	1900 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1900 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.4 3,350 CFS 1900 HR

VERDE @ EAST VERDE GH 10.7 8,996 CFS 1900 HR

VERDE @ TANGLE CRK GH 10.2 7,827 CFS 1900 HR

VERDE BEELINE GH 0.0 0 CFS 1900 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1900

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 119.01′ ELEV 2019.01′ CONTENTS 112,575 AF AVAIL +18,852 AF

CHANGE IN CONTENTS SINCE 1800 HR -441 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1900 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,630 CFS 1900 HR

BARTLETT HOUR 1900

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.54′ ELEV 1794.54′ CONTENTS 168,629 AF AVAIL +9,557 AF

CHANGE IN CONTENTS SINCE 1800 HR +162 AF

CALCULATED UNGAUGED INFLOW 5,442 CFS

SURCHARGE CONTENTS AVAIL 1900 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,112 CFS 1900 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +281,204 AF

AVAIL STORAGE +28,409 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1800 HR -279 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,442 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1800 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.4 3,350 CFS 1800 HR

VERDE @ EAST VERDE GH 10.7 8,996 CFS 1800 HR

VERDE @ TANGLE CRK GH 10.3 8,053 CFS 1800 HR

VERDE BEELINE GH 0.0 0 CFS 1800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 119.18′ ELEV 2019.18′ CONTENTS 113,016 AF AVAIL +18,411 AF

CHANGE IN CONTENTS SINCE 1700 HR -597 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,630 CFS 1800 HR

BARTLETT HOUR 1800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.48′ ELEV 1794.48′ CONTENTS 168,467 AF AVAIL +9,719 AF

CHANGE IN CONTENTS SINCE 1700 HR +27 AF

CALCULATED UNGAUGED INFLOW 3,809 CFS

SURCHARGE CONTENTS AVAIL 1800 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,112 CFS 1800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +281,483 AF

AVAIL STORAGE +28,130 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1700 HR -570 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,809 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.3	6,600 CFS	1800 HR	
SALT ROOSEVELT	GH 13.0	9,200 CFS	1800 HR	
TONTO CREEK	GH 5.4	2,030 CFS	1800 HR	
TOTAL INFLOW ROOSEVELT		11,230 CFS	1800 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 1800

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 229.69′	ELEV 2131.64′	CONTENTS 1,307,059 AF	AVAIL +74,521 AF
CHANGE IN CONTENTS SINCE 1700 HR		-1,209 AF		
CALCULATED UNGAUGED INFLOW		15,641 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		173,805 AF		
ROOSEVELT TOTAL RELEASE		41,500 CFS	1800 HR	

HORSE MESA HOUR 1800

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 261.70′	ELEV 1911.70′	CONTENTS 239,072 AF	AVAIL +6,066 AF
CHANGE IN CONTENTS SINCE 1700 HR		+262 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		16,210 AF		
HORSE MESA SPILLWAY RELEASE		0 CFS	1800 HR	
HORSE MESA TUNNEL		36,700 CFS	1800 HR	
TOTAL HORSE MESA RELEASE		36,700 CFS	1800 HR	

MORMON FLAT HOUR 1800

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 121.30′	ELEV 1640.30′	CONTENTS 39,971 AF	AVAIL +17,881 AF
CHANGE IN CONTENTS SINCE 1700 HR		-241 AF		
CALCULATED UNGAUGED INFLOW		384 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		10,279 AF		
MORMON FLA TOTAL RELEASE		40,000 CFS	1800 HR	

STEWART MOUNTAIN HOUR 1800

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 114.80′	ELEV 1524.80′	CONTENTS 64,575 AF	AVAIL +5,190 AF
CHANGE IN CONTENTS SINCE 1700 HR		-606 AF		
CALCULATED UNGAUGED INFLOW		1,167 CFS		
SURCHARGE CONTENTS AVAIL 1800 HR		7,807 AF		
ST MTN TOTAL RELEASE		48,500 CFS	1800 HR	

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,650,677 AF
AVAIL STORAGE	+103,658 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1700 HR	-1,794 AF
TOTAL CALCULATED UNGAUGED INFLOW	17,192 CFS

GRANITE REEF

SALT BELOW G. REEF	68,000 CFS	1800 HR	
ARIZONA CANAL	145 CFS	1800 HR	
SOUTH CANAL	125 CFS	1800 HR	
TOTAL AT G. REEF	68,270 CFS	1800 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1700 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.4 3,350 CFS 1700 HR

VERDE @ EAST VERDE GH 10.8 9,234 CFS 1700 HR

VERDE @ TANGLE CRK GH 10.4 8,279 CFS 1700 HR

VERDE BEELINE GH 0.0 0 CFS 1700 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1700

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 119.41′ ELEV 2019.41′ CONTENTS 113,613 AF AVAIL +17,814 AF

CHANGE IN CONTENTS SINCE 1600 HR -778 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1700 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,630 CFS 1700 HR

BARTLETT HOUR 1700

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.47′ ELEV 1794.47′ CONTENTS 168,440 AF AVAIL +9,746 AF

CHANGE IN CONTENTS SINCE 1600 HR +1,810 AF

CALCULATED UNGAUGED INFLOW 25,271 CFS

SURCHARGE CONTENTS AVAIL 1700 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1700 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +282,053 AF

AVAIL STORAGE +27,560 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1600 HR +1,032 AF

TOTAL CALCULATED UNGAUGED INFLOW 25,271 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.5	7,100 CFS	1700 HR
SALT ROOSEVELT	GH 13.1	9,460 CFS	1700 HR
TONTO CREEK	GH 5.5	2,166 CFS	1700 HR
TOTAL INFLOW ROOSEVELT		11,626 CFS	1700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.76′ ELEV 2131.71′ CONTENTS 1,308,268 AF AVAIL +73,312 AF
CHANGE IN CONTENTS SINCE 1600 HR -1,898 AF
CALCULATED UNGAUGED INFLOW 7,408 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 42,000 CFS 1700 HR

HORSE MESA HOUR 1700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.60′ ELEV 1911.60′ CONTENTS 238,810 AF AVAIL +6,328 AF
CHANGE IN CONTENTS SINCE 1600 HR +183 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		0 CFS	1700 HR
HORSE MESA TUNNEL		36,000 CFS	1700 HR
TOTAL HORSE MESA RELEASE		36,000 CFS	1700 HR

MORMON FLAT HOUR 1700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.60′ ELEV 1640.60′ CONTENTS 40,212 AF AVAIL +17,640 AF
CHANGE IN CONTENTS SINCE 1600 HR +0 AF
CALCULATED UNGAUGED INFLOW 4,000 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 10,279 AF
MORMON FLA TOTAL RELEASE 40,000 CFS 1700 HR

STEWART MOUNTAIN HOUR 1700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.30′ ELEV 1525.30′ CONTENTS 65,181 AF AVAIL +4,584 AF
CHANGE IN CONTENTS SINCE 1600 HR -487 AF
CALCULATED UNGAUGED INFLOW 4,507 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 7,807 AF
ST MTN TOTAL RELEASE 50,400 CFS 1700 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,652,471 AF
AVAIL STORAGE +101,864 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1600 HR -2,202 AF
TOTAL CALCULATED UNGAUGED INFLOW 15,915 CFS

GRANITE REEF

SALT BELOW G. REEF	70,000 CFS	1700 HR
ARIZONA CANAL	145 CFS	1700 HR
SOUTH CANAL	125 CFS	1700 HR
TOTAL AT G. REEF	70,270 CFS	1700 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.6	7,350 CFS	1600 HR
SALT ROOSEVELT	GH 13.3	9,980 CFS	1600 HR
TONTO CREEK	GH 5.5	2,166 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		12,146 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.87′ ELEV 2131.82′ CONTENTS 1,310,166 AF AVAIL +71,414 AF
CHANGE IN CONTENTS SINCE 1500 HR -1,381 AF
CALCULATED UNGAUGED INFLOW 14,144 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	43,000 CFS	1600 HR

HORSE MESA HOUR 1600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.53′ ELEV 1911.53′ CONTENTS 238,627 AF AVAIL +6,511 AF
CHANGE IN CONTENTS SINCE 1500 HR -52 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	3,000 CFS	1600 HR
HORSE MESA TUNNEL	35,600 CFS	1600 HR
TOTAL HORSE MESA RELEASE	38,600 CFS	1600 HR

MORMON FLAT HOUR 1600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.60′ ELEV 1640.60′ CONTENTS 40,212 AF AVAIL +17,640 AF
CHANGE IN CONTENTS SINCE 1500 HR +0 AF
CALCULATED UNGAUGED INFLOW 1,400 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 10,279 AF

MORMON FLA TOTAL RELEASE	40,000 CFS	1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.70′ ELEV 1525.70′ CONTENTS 65,668 AF AVAIL +4,097 AF
CHANGE IN CONTENTS SINCE 1500 HR -122 AF
CALCULATED UNGAUGED INFLOW 10,524 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 7,807 AF

ST MTN TOTAL RELEASE	52,000 CFS	1600 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,654,673 AF
AVAIL STORAGE +99,662 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1500 HR -1,555 AF
TOTAL CALCULATED UNGAUGED INFLOW 26,068 CFS

GRANITE REEF

SALT BELOW G. REEF	70,000 CFS	1600 HR
ARIZONA CANAL	145 CFS	1600 HR
SOUTH CANAL	125 CFS	1600 HR
TOTAL AT G. REEF	70,270 CFS	1600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1600 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.4 3,350 CFS 1600 HR

VERDE @ EAST VERDE GH 10.8 9,234 CFS 1600 HR

VERDE @ TANGLE CRK GH 10.5 8,505 CFS 1600 HR

VERDE BEELINE GH 0.0 0 CFS 1600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1600'

MAXIMUM GH 126.00' ELEV 2026.00' CAPACITY 131,427 AF
CURRENT GH 119.71' ELEV 2019.71' CONTENTS 114,391 AF AVAIL +17,036 AF

CHANGE IN CONTENTS SINCE 1500 HR -1,673 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,630 CFS 1600 HR

BARTLETT HOUR 1600

MAXIMUM GH 198.00' ELEV 1798.00' CAPACITY 178,186 AF
CURRENT GH 193.80' ELEV 1793.80' CONTENTS 166,630 AF AVAIL +11,556 AF

CHANGE IN CONTENTS SINCE 1500 HR -81 AF

CALCULATED UNGAUGED INFLOW 2,390 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1600 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +281,021 AF

AVAIL STORAGE +28,592 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1500 HR -1,754 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,390 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.6	7,350 CFS	1500 HR
SALT ROOSEVELT	GH 13.5	10,500 CFS	1500 HR
TONTO CREEK	GH 5.5	2,166 CFS	1500 HR
TOTAL INFLOW ROOSEVELT		12,666 CFS	1500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.95′ ELEV 2131.90′ CONTENTS 1,311,547 AF AVAIL +70,033 AF
CHANGE IN CONTENTS SINCE 1400 HR -1,381 AF
CALCULATED UNGAUGED INFLOW 14,324 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 43,700 CFS 1500 HR

HORSE MESA HOUR 1500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.55′ ELEV 1911.55′ CONTENTS 238,679 AF AVAIL +6,459 AF
CHANGE IN CONTENTS SINCE 1400 HR -78 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	3,000 CFS	1500 HR
HORSE MESA TUNNEL	35,600 CFS	1500 HR
TOTAL HORSE MESA RELEASE	38,600 CFS	1500 HR

MORMON FLAT HOUR 1500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.60′ ELEV 1640.60′ CONTENTS 40,212 AF AVAIL +17,640 AF
CHANGE IN CONTENTS SINCE 1400 HR -322 AF
CALCULATED UNGAUGED INFLOW 4,104 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 10,279 AF
MORMON FLA TOTAL RELEASE 46,600 CFS 1500 HR

STEWART MOUNTAIN HOUR 1500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.80′ ELEV 1525.80′ CONTENTS 65,790 AF AVAIL +3,975 AF
CHANGE IN CONTENTS SINCE 1400 HR -121 AF
CALCULATED UNGAUGED INFLOW 4,736 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 7,807 AF
ST MTN TOTAL RELEASE 52,800 CFS 1500 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,656,228 AF
AVAIL STORAGE +98,107 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1400 HR -1,902 AF
TOTAL CALCULATED UNGAUGED INFLOW 23,164 CFS

GRANITE REEF

SALT BELOW G. REEF	70,000 CFS	1500 HR
ARIZONA CANAL	145 CFS	1500 HR
SOUTH CANAL	125 CFS	1500 HR
TOTAL AT G. REEF	70,270 CFS	1500 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1500 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.5 3,500 CFS 1500 HR

VERDE @ EAST VERDE GH 10.9 9,472 CFS 1500 HR

VERDE @ TANGLE CRK CH 10.6 8,755 CFS 1500 HR

VERDE BEELINE GH 0.0 0 CFS 1500 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1500

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.35′ ELEV 2020.35′ CONTENTS 116,064 AF AVAIL +15,363 AF

CHANGE IN CONTENTS SINCE 1400 HR -604 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1500 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1500 HR

BARTLETT HOUR 1500

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.83′ ELEV 1793.83′ CONTENTS 166,711 AF AVAIL +11,475 AF

CHANGE IN CONTENTS SINCE 1400 HR -53 AF

CALCULATED UNGAUGED INFLOW 2,359 CFS

SURCHARGE CONTENTS AVAIL 1500 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1500 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +282,775 AF

AVAIL STORAGE +26,838 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1400 HR -657 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,359 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.8	7,850 CFS	1400 HR
SALT ROOSEVELT	GH 13.6	10,780 CFS	1400 HR
TONTO CREEK	GH 5.6	2,334 CFS	1400 HR
TOTAL INFLOW ROOSEVELT		13,114 CFS	1400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.03′ ELEV 2131.98′ CONTENTS 1,312,928 AF AVAIL +68,652 AF
CHANGE IN CONTENTS SINCE 1300 HR -1,209 AF
CALCULATED UNGAUGED INFLOW 16,257 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	44,000 CFS	1400 HR

HORSE MESA HOUR 1400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.58′ ELEV 1911.58′ CONTENTS 238,757 AF AVAIL +6,381 AF
CHANGE IN CONTENTS SINCE 1300 HR +183 AF
CALCULATED UNGAUGED INFLOW 214 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	5,000 CFS	1400 HR
HORSE MESA TUNNEL	37,000 CFS	1400 HR
TOTAL HORSE MESA RELEASE	42,000 CFS	1400 HR

MORMON FLAT HOUR 1400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.00′ ELEV 1641.00′ CONTENTS 40,534 AF AVAIL +17,318 AF
CHANGE IN CONTENTS SINCE 1300 HR -448 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 10,279 AF

MORMON FLA TOTAL RELEASE	47,200 CFS	1400 HR

STEWART MOUNTAIN HOUR 1400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.90′ ELEV 1525.90′ CONTENTS 65,911 AF AVAIL +3,854 AF
CHANGE IN CONTENTS SINCE 1300 HR -245 AF
CALCULATED UNGAUGED INFLOW 2,636 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 7,807 AF

ST MTN TOTAL RELEASE	52,800 CFS	1400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,658,130 AF
AVAIL STORAGE +96,205 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1300 HR -1,719 AF
TOTAL CALCULATED UNGAUGED INFLOW 19,107 CFS

GRANITE REEF

SALT BELOW G. REEF	70,000 CFS	1400 HR
ARIZONA CANAL	145 CFS	1400 HR
SOUTH CANAL	125 CFS	1400 HR
TOTAL AT G. REEF	70,270 CFS	1400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.5 3,500 CFS 1400 HR

VERDE @ EAST VERDE GH 11.0 9,710 CFS 1400 HR

VERDE @ TANGLE CRK CH 10.7 9,005 CFS 1400 HR

VERDE BEELINE GH 0.0 0 CFS 1400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.58′ ELEV 2020.58′ CONTENTS 116,668 AF AVAIL +14,759 AF

CHANGE IN CONTENTS SINCE 1300 HR -342 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1400 HR

BARTLETT HOUR 1400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.85′ ELEV 1793.85′ CONTENTS 166,764 AF AVAIL +11,422 AF

CHANGE IN CONTENTS SINCE 1300 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,673 CFS

SURCHARGE CONTENTS AVAIL 1400 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1400 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +283,432 AF

AVAIL STORAGE +26,181 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1300 HR -369 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,673 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 6.9	8,100 CFS	1300 HR
SALT ROOSEVELT	GH 13.7	11,060 CFS	1300 HR
TONTO CREEK	GH 5.6	2,334 CFS	1300 HR
TOTAL INFLOW ROOSEVELT		13,394 CFS	1300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.10′ ELEV 2132.05′ CONTENTS 1,314,137 AF AVAIL +67,443 AF
CHANGE IN CONTENTS SINCE 1200 HR -1,727 AF
CALCULATED UNGAUGED INFLOW 10,109 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	44,400 CFS	1300 HR

HORSE MESA HOUR 1300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.51′ ELEV 1911.51′ CONTENTS 238,574 AF AVAIL +6,564 AF
CHANGE IN CONTENTS SINCE 1200 HR -105 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	5,000 CFS	1300 HR
HORSE MESA TUNNEL	37,000 CFS	1300 HR
TOTAL HORSE MESA RELEASE	42,000 CFS	1300 HR

MORMON FLAT HOUR 1300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.55′ ELEV 1641.55′ CONTENTS 40,982 AF AVAIL +16,870 AF
CHANGE IN CONTENTS SINCE 1200 HR -448 AF
CALCULATED UNGAUGED INFLOW 579 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 10,279 AF

MORMON FLA TOTAL RELEASE	48,000 CFS	1300 HR

STEWART MOUNTAIN HOUR 1300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.10′ ELEV 1526.10′ CONTENTS 66,156 AF AVAIL +3,609 AF
CHANGE IN CONTENTS SINCE 1200 HR -123 AF
CALCULATED UNGAUGED INFLOW 4,112 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 7,807 AF

ST MTN TOTAL RELEASE	53,600 CFS	1300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,659,849 AF
AVAIL STORAGE	+94,486 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1200 HR	-2,403 AF
TOTAL CALCULATED UNGAUGED INFLOW	14,800 CFS

GRANITE REEF

SALT BELOW G. REEF	70,000 CFS	1300 HR
ARIZONA CANAL	145 CFS	1300 HR
SOUTH CANAL	125 CFS	1300 HR
TOTAL AT G. REEF	70,270 CFS	1300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.6 3,650 CFS 1300 HR

VERDE @ EAST VERDE GH 11.0 9,710 CFS 1300 HR

VERDE @ TANGLE CRK GH 10.7 9,005 CFS 1300 HR

VERDE BEELINE GH 0.0 0 CFS 1300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.71′ ELEV 2020.71′ CONTENTS 117,010 AF AVAIL +14,417 AF

CHANGE IN CONTENTS SINCE 1200 HR -315 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1300 HR

BARTLETT HOUR 1300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.86′ ELEV 1793.86′ CONTENTS 166,791 AF AVAIL +11,395 AF

CHANGE IN CONTENTS SINCE 1200 HR -80 AF

CALCULATED UNGAUGED INFLOW 2,032 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1300 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +283,801 AF

AVAIL STORAGE +25,812 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR -395 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,032 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.1	8,700 CFS	1200 HR
SALT ROOSEVELT	GH 13.8	11,340 CFS	1200 HR
TONTO CREEK	GH 5.6	2,334 CFS	1200 HR
TOTAL INFLOW ROOSEVELT		13,674 CFS	1200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.20′ ELEV 2132.15′ CONTENTS 1,315,864 AF AVAIL +65,716 AF
CHANGE IN CONTENTS SINCE 1100 HR -1,554 AF
CALCULATED UNGAUGED INFLOW 12,823 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	45,300 CFS	1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.55′ ELEV 1911.55′ CONTENTS 238,679 AF AVAIL +6,459 AF
CHANGE IN CONTENTS SINCE 1100 HR -105 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	7,000 CFS	1200 HR
HORSE MESA TUNNEL	36,000 CFS	1200 HR
TOTAL HORSE MESA RELEASE	43,000 CFS	1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 123.10′ ELEV 1642.10′ CONTENTS 41,430 AF AVAIL +16,422 AF
CHANGE IN CONTENTS SINCE 1100 HR -412 AF
CALCULATED UNGAUGED INFLOW 1,015 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF

MORMON FLA TOTAL RELEASE	49,000 CFS	1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.20′ ELEV 1526.20′ CONTENTS 66,279 AF AVAIL +3,486 AF
CHANGE IN CONTENTS SINCE 1100 HR -123 AF
CALCULATED UNGAUGED INFLOW 4,512 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF

ST MTN TOTAL RELEASE	55,000 CFS	1200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,662,252 AF
AVAIL STORAGE +92,083 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1100 HR -2,194 AF
TOTAL CALCULATED UNGAUGED INFLOW 18,350 CFS

GRANITE REEF

SALT BELOW G. REEF	70,000 CFS	1200 HR
ARIZONA CANAL	145 CFS	1200 HR
SOUTH CANAL	125 CFS	1200 HR
TOTAL AT G. REEF	70,270 CFS	1200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.7 3,820 CFS 1200 HR

VERDE @ EAST VERDE GH 11.2 10,218 CFS 1200 HR

VERDE @ TANGLE CRK GH 10.9 9,505 CFS 1200 HR

VERDE BEELINE GH 0.0 0 CFS 1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.83′ ELEV 2020.83′ CONTENTS 117,325 AF AVAIL +14,102 AF

CHANGE IN CONTENTS SINCE 1100 HR -210 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.89′ ELEV 1793.89′ CONTENTS 166,871 AF AVAIL +11,315 AF

CHANGE IN CONTENTS SINCE 1100 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,673 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1200 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,196 AF

AVAIL STORAGE +25,417 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1100 HR -237 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,673 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.8 3,990 CFS 1100 HR

VERDE @ EAST VERDE GH 11.2 10,218 CFS 1100 HR

VERDE @ TANGLE CRK GH 11.0 9,755 CFS 1100 HR

VERDE BEELINE GH 0.0 0 CFS 1100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.91′ ELEV 2020.91′ CONTENTS 117,535 AF AVAIL +13,892 AF

CHANGE IN CONTENTS SINCE 1000 HR -237 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1100 HR

BARTLETT HOUR 1100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.90′ ELEV 1793.90′ CONTENTS 166,898 AF AVAIL +11,288 AF

CHANGE IN CONTENTS SINCE 1000 HR -54 AF

CALCULATED UNGAUGED INFLOW 2,347 CFS

SURCHARGE CONTENTS AVAIL 1100 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1100 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,433 AF

AVAIL STORAGE +25,180 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1000 HR -291 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,347 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.3	9,300 CFS	1100 HR
SALT ROOSEVELT	GH 14.0	11,900 CFS	1100 HR
TONTO CREEK	GH 5.7	2,502 CFS	1100 HR
TOTAL INFLOW ROOSEVELT		14,402 CFS	1100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.29′ ELEV 2132.24′ CONTENTS 1,317,418 AF AVAIL +64,162 AF
CHANGE IN CONTENTS SINCE 1000 HR -1,382 AF
CALCULATED UNGAUGED INFLOW 14,176 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		45,300 CFS	1100 HR

HORSE MESA HOUR 1100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.59′ ELEV 1911.59′ CONTENTS 238,784 AF AVAIL +6,354 AF
CHANGE IN CONTENTS SINCE 1000 HR +79 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		7,000 CFS	1100 HR
HORSE MESA TUNNEL		36,000 CFS	1100 HR
TOTAL HORSE MESA RELEASE		43,000 CFS	1100 HR

MORMON FLAT HOUR 1100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 123.60′ ELEV 1642.60′ CONTENTS 41,842 AF AVAIL +16,010 AF
CHANGE IN CONTENTS SINCE 1000 HR -662 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 10,279 AF

MORMON FLA TOTAL RELEASE		49,000 CFS	1100 HR

STEWART MOUNTAIN HOUR 1100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.30′ ELEV 1526.30′ CONTENTS 66,402 AF AVAIL +3,363 AF
CHANGE IN CONTENTS SINCE 1000 HR -247 AF
CALCULATED UNGAUGED INFLOW 3,011 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 7,807 AF

ST MTN TOTAL RELEASE		55,000 CFS	1100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,664,446 AF
AVAIL STORAGE +89,889 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1000 HR -2,212 AF
TOTAL CALCULATED UNGAUGED INFLOW 17,187 CFS

GRANITE REEF

SALT BELOW G. REEF		70,000 CFS	1100 HR
ARIZONA CANAL		145 CFS	1100 HR
SOUTH CANAL		125 CFS	1100 HR
TOTAL AT G. REEF		70,270 CFS	1100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1000 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.8 3,990 CFS 1000 HR

VERDE @ EAST VERDE GH 11.3 10,472 CFS 1000 HR

VERDE @ TANGLE CRK GH 11.1 10,104 CFS 1000 HR

VERDE BEELINE GH 0.0 0 CFS 1000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.00′ ELEV 2021.00′ CONTENTS 117,772 AF AVAIL +13,655 A

CHANGE IN CONTENTS SINCE 900 HR +0 AF

CALCULATED UNGAUGED INFLOW 1,896 CFS

SURCHARGE CONTENTS AVAIL 1000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1000 HR

BARTLETT HOUR 1000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.92′ ELEV 1793.92′ CONTENTS 166,952 AF AVAIL +11,234 A

CHANGE IN CONTENTS SINCE 900 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,673 CFS

SURCHARGE CONTENTS AVAIL 1000 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 1000 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,724 AF

AVAIL STORAGE +24,889 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 900 HR -27 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,569 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 1000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.4	9,600 CFS	1000 HR
SALT ROOSEVELT	GH 14.1	12,200 CFS	1000 HR
TONTO CREEK	GH 5.7	2,502 CFS	1000 HR
TOTAL INFLOW ROOSEVELT		14,702 CFS	1000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.37′ ELEV 2132.32′ CONTENTS 1,318,800 AF AVAIL +62,780 AF
CHANGE IN CONTENTS SINCE 900 HR -1,382 AF
CALCULATED UNGAUGED INFLOW 14,376 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 45,800 CFS 1000 HR

HORSE MESA HOUR 1000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT CH 261.56′ ELEV 1911.56′ CONTENTS 238,705 AF AVAIL +6,433 AF
CHANGE IN CONTENTS SINCE 900 HR +209 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	7,000 CFS	1000 HR
HORSE MESA TUNNEL	36,000 CFS	1000 HR
TOTAL HORSE MESA RELEASE	43,000 CFS	1000 HR

MORMON FLAT HOUR 1000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 124.40′ ELEV 1643.40′ CONTENTS 42,504 AF AVAIL +15,348 AF
CHANGE IN CONTENTS SINCE 900 HR -668 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 50,000 CFS 1000 HR

STEWART MOUNTAIN HOUR 1000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.50′ ELEV 1526.50′ CONTENTS 66,649 AF AVAIL +3,116 AF
CHANGE IN CONTENTS SINCE 900 HR -246 AF
CALCULATED UNGAUGED INFLOW 3,023 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 7,807 AF
ST MTN TOTAL RELEASE 56,000 CFS 1000 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,666,658 AF
AVAIL STORAGE	+87,677 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 900 HR	-2,087 AF
TOTAL CALCULATED UNGAUGED INFLOW	17,399 CFS

GRANITE REEF

SALT BELOW G. REEF	71,500 CFS	1000 HR
ARIZONA CANAL	145 CFS	1000 HR
SOUTH CANAL	125 CFS	1000 HR
TOTAL AT G. REEF	71,770 CFS	1000 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.6	10,200 CFS	900 HR
SALT ROOSEVELT	GH 14.1	12,200 CFS	900 HR
TONTO CREEK	GH 5.7	2,502 CFS	900 HR
TOTAL INFLOW ROOSEVELT		14,702 CFS	900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.45′ ELEV 2132.40′ CONTENTS 1,320,182 AF AVAIL +61,398 AF
CHANGE IN CONTENTS SINCE 800 HR -1,554 AF
CALCULATED UNGAUGED INFLOW 12,995 CFS
SURCHARGE CONTENTS AVAIL 900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 46,500 CFS 900 HR

HORSE MESA HOUR 900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.48′ ELEV 1911.48′ CONTENTS 238,496 AF AVAIL +6,642 AF
CHANGE IN CONTENTS SINCE 800 HR +131 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 900 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	7,000 CFS	900 HR
HORSE MESA TUNNEL	36,000 CFS	900 HR
TOTAL HORSE MESA RELEASE	43,000 CFS	900 HR

MORMON FLAT HOUR 900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 125.20′ ELEV 1644.20′ CONTENTS 43,172 AF AVAIL +14,680 AF
CHANGE IN CONTENTS SINCE 800 HR -673 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 50,600 CFS 900 HR

STEWART MOUNTAIN HOUR 900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.70′ ELEV 1526.70′ CONTENTS 66,895 AF AVAIL +2,870 AF
CHANGE IN CONTENTS SINCE 800 HR -123 AF
CALCULATED UNGAUGED INFLOW 5,912 CFS
SURCHARGE CONTENTS AVAIL 900 HR 7,807 AF
ST MTN TOTAL RELEASE 58,000 CFS 900 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,668,745 AF
AVAIL STORAGE +85,590 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 800 HR -2,219 AF
TOTAL CALCULATED UNGAUGED INFLOW 18,907 CFS

GRANITE REEF

SALT BELOW G. REEF	71,500 CFS	900 HR
ARIZONA CANAL	145 CFS	900 HR
SOUTH CANAL	125 CFS	900 HR
TOTAL AT G. REEF	71,770 CFS	900 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 900 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.9 4,160 CFS 900 HR

VERDE @ EAST VERDE GH 11.5 10,980 CFS 900 HR

VERDE @ TANGLE CRK GH 11.3 10,802 CFS 900 HR

VERDE BEELINE GH 0.0 0 CFS 900 HR

VERDE RESERVOIRS

HORSESHOE HOUR 900

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.00′ ELEV 2021.00′ CONTENTS 117,772 AF AVAIL +13,655 AF

CHANGE IN CONTENTS SINCE 800 HR -133 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 900 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 900 HR

BARTLETT HOUR 900

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.93′ ELEV 1793.93′ CONTENTS 166,979 AF AVAIL +11,207 AF

CHANGE IN CONTENTS SINCE 800 HR -26 AF

CALCULATED UNGAUGED INFLOW 2,844 CFS

SURCHARGE CONTENTS AVAIL 900 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 900 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,751 AF

AVAIL STORAGE +24,862 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR -159 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,844 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.8	10,800 CFS	800 HR
SALT ROOSEVELT	GH 14.1	12,200 CFS	800 HR
TONTO CREEK	GH 5.8	2,670 CFS	800 HR
TOTAL INFLOW ROOSEVELT		14,870 CFS	800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.54′ ELEV 2132.49′ CONTENTS 1,321,736 AF AVAIL +59,844 AF
CHANGE IN CONTENTS SINCE 700 HR -1,554 AF
CALCULATED UNGAUGED INFLOW 13,827 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		47,500 CFS	800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.43′ ELEV 1911.43′ CONTENTS 238,365 AF AVAIL +6,773 AF
CHANGE IN CONTENTS SINCE 700 HR +26 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		7,000 CFS	800 HR
HORSE MESA TUNNEL		36,000 CFS	800 HR
TOTAL HORSE MESA RELEASE		43,000 CFS	800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 126.00′ ELEV 1645.00′ CONTENTS 43,845 AF AVAIL +14,007 AF
CHANGE IN CONTENTS SINCE 700 HR -510 AF
CALCULATED UNGAUGED INFLOW 2,329 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF

MORMON FLA TOTAL RELEASE		51,500 CFS	800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.80′ ELEV 1526.80′ CONTENTS 67,018 AF AVAIL +2,747 AF
CHANGE IN CONTENTS SINCE 700 HR -123 AF
CALCULATED UNGAUGED INFLOW 5,012 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF

ST MTN TOTAL RELEASE		58,000 CFS	800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,670,964 AF
AVAIL STORAGE +83,371 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 700 HR -2,161 AF
TOTAL CALCULATED UNGAUGED INFLOW 21,168 CFS

GRANITE REEF

SALT BELOW G. REEF		71,500 CFS	800 HR
ARIZONA CANAL		145 CFS	800 HR
SOUTH CANAL		125 CFS	800 HR
TOTAL AT G. REEF		71,770 CFS	800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 800 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.1 4,500 CFS 800 HR

VERDE @ EAST VERDE GH 11.6 11,234 CFS 800 HR

VERDE @ TANGLE CRK GH 11.4 11,151 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.05′ ELEV 2021.05′ CONTENTS 117,905 AF AVAIL +13,522 AF

CHANGE IN CONTENTS SINCE 700 HR -107 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.94′ ELEV 1793.94′ CONTENTS 167,005 AF AVAIL +11,181 AF

CHANGE IN CONTENTS SINCE 700 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,832 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 800 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,910 AF

AVAIL STORAGE +24,703 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 700 HR -134 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,832 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.9	11,150 CFS	700 HR
SALT ROOSEVELT	GH 13.9	11,620 CFS	700 HR
TONTO CREEK	GH 5.8	2,670 CFS	700 HR
TOTAL INFLOW ROOSEVELT		14,290 CFS	700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.63′ ELEV 2132.58′ CONTENTS 1,323,290 AF AVAIL +58,290 AF
CHANGE IN CONTENTS SINCE 600 HR -1,554 AF
CALCULATED UNGAUGED INFLOW 15,907 CFS
SURCHARGE CONTENTS AVAIL 700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 49,000 CFS 700 HR

HORSE MESA HOUR 700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.42′ ELEV 1911.42′ CONTENTS 238,339 AF AVAIL +6,799 AF
CHANGE IN CONTENTS SINCE 600 HR -157 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	700 HR
HORSE MESA TUNNEL	36,500 CFS	700 HR
TOTAL HORSE MESA RELEASE	48,000 CFS	700 HR

MORMON FLAT HOUR 700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 126.60′ ELEV 1645.60′ CONTENTS 44,355 AF AVAIL +13,497 AF
CHANGE IN CONTENTS SINCE 600 HR -512 AF
CALCULATED UNGAUGED INFLOW 305 CFS
SURCHARGE CONTENTS AVAIL 700 HR 10,279 AF
MORMON FLA TOTAL RELEASE 54,500 CFS 700 HR

STEWART MOUNTAIN HOUR 700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.90′ ELEV 1526.90′ CONTENTS 67,141 AF AVAIL +2,624 AF
CHANGE IN CONTENTS SINCE 600 HR -123 AF
CALCULATED UNGAUGED INFLOW 4,012 CFS
SURCHARGE CONTENTS AVAIL 700 HR 7,807 AF
ST MTN TOTAL RELEASE 60,000 CFS 700 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,673,125 AF
AVAIL STORAGE +81,210 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 600 HR -2,346 AF
TOTAL CALCULATED UNGAUGED INFLOW 20,224 CFS

GRANITE REEF

SALT BELOW G. REEF	71,500 CFS	700 HR
ARIZONA CANAL	276 CFS	700 HR
SOUTH CANAL	159 CFS	700 HR
TOTAL AT G. REEF	71,935 CFS	700 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 700 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.2 4,670 CFS 700 HR

VERDE @ EAST VERDE GH 11.6 11,234 CFS 700 HR

VERDE @ TANGLE CRK GH 11.5 11,500 CFS 700 HR

VERDE BEELINE GH 0.0 0 CFS 700 HR

VERDE RESERVOIRS

HORSESHOE HOUR 700

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.09′ ELEV 2021.09′ CONTENTS 118,012 AF AVAIL +13,415 AF

CHANGE IN CONTENTS SINCE 600 HR -133 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 700 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 700 HR

BARTLETT HOUR 700

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.95′ ELEV 1793.95′ CONTENTS 167,032 AF AVAIL +11,154 AF

CHANGE IN CONTENTS SINCE 600 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,832 CFS

SURCHARGE CONTENTS AVAIL 700 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 700 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,044 AF

AVAIL STORAGE +24,569 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 600 HR -160 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,832 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.9	11,150 CFS	600 HR	
SALT ROOSEVELT	GH 13.9	11,620 CFS	600 HR	
TONTO CREEK	GH 5.9	(2,838 CFS)	600 HR	← ESTIMATED
TOTAL INFLOW ROOSEVELT		14,458 CFS	600 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.72′ ELEV 2132.67′ CONTENTS 1,324,844 AF AVAIL +56,736 AF
CHANGE IN CONTENTS SINCE 500 HR -1,209 AF
CALCULATED UNGAUGED INFLOW 21,913 CFS
SURCHARGE CONTENTS AVAIL 600 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 51,000 CFS 600 HR

HORSE MESA HOUR 600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.48′ ELEV 1911.48′ CONTENTS 238,496 AF AVAIL +6,642 AF
CHANGE IN CONTENTS SINCE 500 HR +53 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	600 HR
HORSE MESA TUNNEL	36,500 CFS	600 HR
TOTAL HORSE MESA RELEASE	48,000 CFS	600 HR

MORMON FLAT HOUR 600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 127.20′ ELEV 1646.20′ CONTENTS 44,867 AF AVAIL +12,985 AF
CHANGE IN CONTENTS SINCE 500 HR -516 AF
CALCULATED UNGAUGED INFLOW 256 CFS
SURCHARGE CONTENTS AVAIL 600 HR 10,279 AF
MORMON FLA TOTAL RELEASE 54,500 CFS 600 HR

STEWART MOUNTAIN HOUR 600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 500 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,500 CFS
SURCHARGE CONTENTS AVAIL 600 HR 7,807 AF
ST MTN TOTAL RELEASE 60,000 CFS 600 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,675,471 AF
AVAIL STORAGE	+78,864 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 500 HR	-1,672 AF
TOTAL CALCULATED UNGAUGED INFLOW	27,669 CFS

GRANITE REEF

SALT BELOW G. REEF	75,000 CFS	600 HR	
ARIZONA CANAL	277 CFS	600 HR	
SOUTH CANAL	159 CFS	600 HR	
TOTAL AT G. REEF	75,436 CFS	600 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 600 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.3 4,840 CFS 600 HR

VERDE @ EAST VERDE GH 11.8 11,742 CFS 600 HR

VERDE @ TANGLE CRK GH 11.5 11,500 CFS 600 HR

VERDE BEELINE GH 0.0 0 CFS 600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.14′ ELEV 2021.14′ CONTENTS 118,145 AF AVAIL +13,282 AF

CHANGE IN CONTENTS SINCE 500 HR +0 AF

CALCULATED UNGAUGED INFLOW 341 CFS

SURCHARGE CONTENTS AVAIL 600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 600 HR

BARTLETT HOUR 600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.96′ ELEV 1793.96′ CONTENTS 167,059 AF AVAIL +11,127 AF

CHANGE IN CONTENTS SINCE 500 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,832 CFS

SURCHARGE CONTENTS AVAIL 600 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 600 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,204 AF

AVAIL STORAGE +24,409 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 500 HR -27 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,173 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.2	12,200 CFS	500 HR
SALT ROOSEVELT	GH 14.0	11,900 CFS	500 HR
TONTO CREEK	GH 5.9	2,838 CFS	500 HR
TOTAL INFLOW ROOSEVELT		14,738 CFS	500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.79′ ELEV 2132.74′ CONTENTS 1,326,053 AF AVAIL +55,527 AF
CHANGE IN CONTENTS SINCE 400 HR -1,555 AF
CALCULATED UNGAUGED INFLOW 17,447 CFS
SURCHARGE CONTENTS AVAIL 500 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	51,000 CFS	500 HR

HORSE MESA HOUR 500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.46′ ELEV 1911.46′ CONTENTS 238,443 AF AVAIL +6,695 AF
CHANGE IN CONTENTS SINCE 400 HR -105 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	500 HR
HORSE MESA TUNNEL	36,500 CFS	500 HR
TOTAL HORSE MESA RELEASE	48,000 CFS	500 HR

MORMON FLAT HOUR 500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 127.80′ ELEV 1646.80′ CONTENTS 45,383 AF AVAIL +12,469 AF
CHANGE IN CONTENTS SINCE 400 HR -519 AF
CALCULATED UNGAUGED INFLOW 220 CFS
SURCHARGE CONTENTS AVAIL 500 HR 10,279 AF

MORMON FLA TOTAL RELEASE	54,500 CFS	500 HR

STEWART MOUNTAIN HOUR 500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 400 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,500 CFS
SURCHARGE CONTENTS AVAIL 500 HR 7,807 AF

ST MTN TOTAL RELEASE	60,000 CFS	500 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,677,143 AF
AVAIL STORAGE +77,192 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 400 HR -2,179 AF
TOTAL CALCULATED UNGAUGED INFLOW 23,167 CFS

GRANITE REEF

SALT BELOW G. REEF	75,000 CFS	500 HR
ARIZONA CANAL	285 CFS	500 HR
SOUTH CANAL	149 CFS	500 HR
TOTAL AT G. REEF	75,434 CFS	500 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 500 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.4 5,030 CFS 500 HR

VERDE @ EAST VERDE GH 12.0 12,250 CFS 500 HR

VERDE @ TANGLE CRK GH 11.6 11,900 CFS 500 HR

VERDE BEELINE GH 0.0 0 CFS 500 HR

VERDE RESERVOIRS

HORSESHOE HOUR 500

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.14′ ELEV 2021.14′ CONTENTS 118,145 AF AVAIL +13,282 AF

CHANGE IN CONTENTS SINCE 400 HR +0 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 500 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 500 HR

BARTLETT HOUR 500

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.97′ ELEV 1793.97′ CONTENTS 167,086 AF AVAIL +11,100 AF

CHANGE IN CONTENTS SINCE 400 HR +0 AF

CALCULATED UNGAUGED INFLOW 3,159 CFS

SURCHARGE CONTENTS AVAIL 500 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 500 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,231 AF

AVAIL STORAGE +24,382 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 400 HR +0 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,159 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.3	12,550 CFS	400 HR
SALT ROOSEVELT	GH 14.0	11,900 CFS	400 HR
TONTO CREEK	GH 5.9	2,838 CFS	400 HR
TOTAL INFLOW ROOSEVELT		14,738 CFS	400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.88′ ELEV 2132.83′ CONTENTS 1,327,608 AF AVAIL +53,972 AF
CHANGE IN CONTENTS SINCE 300 HR -1,381 AF
CALCULATED UNGAUGED INFLOW 19,552 CFS
SURCHARGE CONTENTS AVAIL 400 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	51,000 CFS	400 HR

HORSE MESA HOUR 400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.50′ ELEV 1911.50′ CONTENTS 238,548 AF AVAIL +6,590 AF
CHANGE IN CONTENTS SINCE 300 HR -131 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	400 HR
HORSE MESA TUNNEL	36,500 CFS	400 HR
TOTAL HORSE MESA RELEASE	48,000 CFS	400 HR

MORMON FLAT HOUR 400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.40′ ELEV 1647.40′ CONTENTS 45,902 AF AVAIL +11,950 AF
CHANGE IN CONTENTS SINCE 300 HR -261 AF
CALCULATED UNGAUGED INFLOW 3,342 CFS
SURCHARGE CONTENTS AVAIL 400 HR 10,279 AF

MORMON FLA TOTAL RELEASE	54,500 CFS	400 HR

STEWART MOUNTAIN HOUR 400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 300 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,500 CFS
SURCHARGE CONTENTS AVAIL 400 HR 7,807 AF

ST MTN TOTAL RELEASE	60,000 CFS	400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,679,322 AF
AVAIL STORAGE +75,013 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 300 HR -1,773 AF
TOTAL CALCULATED UNGAUGED INFLOW 28,394 CFS

GRANITE REEF

SALT BELOW G. REEF	77,800 CFS	400 HR
ARIZONA CANAL	285 CFS	400 HR
SOUTH CANAL	149 CFS	400 HR
TOTAL AT G. REEF	78,234 CFS	400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.5 5,220 CFS 400 HR

VERDE @ EAST VERDE GH 12.1 12,525 CFS 400 HR

VERDE @ TANGLE CRK GH 11.7 12,300 CFS 400 HR

VERDE BEELINE GH 0.0 0 CFS 400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.14′ ELEV 2021.14′ CONTENTS 118,145 AF AVAIL +13,282 AF

CHANGE IN CONTENTS SINCE 300 HR +0 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 400 HR

BARTLETT HOUR 400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.97′ ELEV 1793.97′ CONTENTS 167,086 AF AVAIL +11,100 AF

CHANGE IN CONTENTS SINCE 300 HR +0 AF

CALCULATED UNGAUGED INFLOW 3,159 CFS

SURCHARGE CONTENTS AVAIL 400 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,231 AF

AVAIL STORAGE +24,382 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 300 HR +0 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,159 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.3	12,550 CFS	300 HR
SALT ROOSEVELT	GH 14.2	12,500 CFS	300 HR
TONTO CREEK	GH 6.0	3,006 CFS	300 HR
TOTAL INFLOW ROOSEVELT		15,506 CFS	300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.96′ ELEV 2132.91′ CONTENTS 1,328,989 AF AVAIL +52,591 AF
CHANGE IN CONTENTS SINCE 200 HR -1,383 AF
CALCULATED UNGAUGED INFLOW 18,760 CFS
SURCHARGE CONTENTS AVAIL 300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	51,000 CFS	300 HR

HORSE MESA HOUR 300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.55′ ELEV 1911.55′ CONTENTS 238,679 AF AVAIL +6,459 AF
CHANGE IN CONTENTS SINCE 200 HR -288 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	16,500 CFS	300 HR
HORSE MESA TUNNEL	36,500 CFS	300 HR
TOTAL HORSE MESA RELEASE	53,000 CFS	300 HR

MORMON FLAT HOUR 300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.70′ ELEV 1647.70′ CONTENTS 46,163 AF AVAIL +11,689 AF
CHANGE IN CONTENTS SINCE 200 HR -260 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 300 HR 10,279 AF

MORMON FLA TOTAL RELEASE	54,500 CFS	300 HR

STEWART MOUNTAIN HOUR 300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 200 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,500 CFS
SURCHARGE CONTENTS AVAIL 300 HR 7,807 AF

ST MTN TOTAL RELEASE	60,000 CFS	300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,681,095 AF
AVAIL STORAGE	+73,240 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 200 HR	-1,931 AF
TOTAL CALCULATED UNGAUGED INFLOW	24,260 CFS

GRANITE REEF

SALT BELOW G. REEF	77,800 CFS	300 HR
ARIZONA CANAL	285 CFS	300 HR
SOUTH CANAL	149 CFS	300 HR
TOTAL AT G. REEF	78,234 CFS	300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.5 5,220 CFS 300 HR

VERDE @ EAST VERDE GH 12.3 13,075 CFS 300 HR

VERDE @ TANGLE CRK GH 11.7 12,300 CFS 300 HR

VERDE BEELINE GH 0.0 0 CFS 300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.14′ ELEV 2021.14′ CONTENTS 118,145 AF AVAIL +13,282 AF

CHANGE IN CONTENTS SINCE 200 HR +0 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 300 HR

BARTLETT HOUR 300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.97′ ELEV 1793.97′ CONTENTS 167,086 AF AVAIL +11,100 AF

CHANGE IN CONTENTS SINCE 200 HR +0 AF

CALCULATED UNGAUGED INFLOW 3,159 CFS

SURCHARGE CONTENTS AVAIL 300 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 300 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,231 AF

AVAIL STORAGE +24,382 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 200 HR +0 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,159 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.1	11,850 CFS	200 HR
SALT ROOSEVELT	GH 14.3	12,800 CFS	200 HR
TONTO CREEK	GH 6.0	3,006 CFS	200 HR (EST)
TOTAL INFLOW ROOSEVELT		15,806 CFS	200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.04′ ELEV 2132.99′ CONTENTS 1,330,372 AF AVAIL +51,208 AF
CHANGE IN CONTENTS SINCE 100 HR -1,210 AF
CALCULATED UNGAUGED INFLOW 21,353 CFS
SURCHARGE CONTENTS AVAIL 200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	51,800 CFS	200 HR

HORSE MESA HOUR 200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.66′ ELEV 1911.66′ CONTENTS 238,967 AF AVAIL +6,171 AF
CHANGE IN CONTENTS SINCE 100 HR -209 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	16,500 CFS	200 HR
HORSE MESA TUNNEL	36,500 CFS	200 HR
TOTAL HORSE MESA RELEASE	53,000 CFS	200 HR

MORMON FLAT HOUR 200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 129.00′ ELEV 1648.00′ CONTENTS 46,423 AF AVAIL +11,429 AF
CHANGE IN CONTENTS SINCE 100 HR +0 AF
CALCULATED UNGAUGED INFLOW 1,500 CFS
SURCHARGE CONTENTS AVAIL 200 HR 10,279 AF

MORMON FLA TOTAL RELEASE	54,500 CFS	200 HR

STEWART MOUNTAIN HOUR 200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 100 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,500 CFS
SURCHARGE CONTENTS AVAIL 200 HR 7,807 AF

ST MTN TOTAL RELEASE	60,000 CFS	200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,683,026 AF
AVAIL STORAGE	+71,309 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 100 HR	-1,419 AF
TOTAL CALCULATED UNGAUGED INFLOW	28,353 CFS

GRANITE REEF

SALT BELOW G. REEF	77,800 CFS	200 HR
ARIZONA CANAL	285 CFS	200 HR
SOUTH CANAL	149 CFS	200 HR
TOTAL AT G. REEF	78,234 CFS	200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.5 5,220 CFS 200 HR

VERDE @ EAST VERDE GH 12.2 12,800 CFS 200 HR

VERDE @ TANGLE CRK GH 11.9 13,100 CFS 200 HR

VERDE BEELINE GH 0.0 0 CFS 200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.14′ ELEV 2021.14′ CONTENTS 118,145 AF AVAIL +13,282 AF

CHANGE IN CONTENTS SINCE 100 HR +80 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 200 HR

BARTLETT HOUR 200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.97′ ELEV 1793.97′ CONTENTS 167,086 AF AVAIL +11,100 AF

CHANGE IN CONTENTS SINCE 100 HR +54 AF

CALCULATED UNGAUGED INFLOW 3,812 CFS

SURCHARGE CONTENTS AVAIL 200 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,231 AF

AVAIL STORAGE +24,382 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 100 HR +134 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,812 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.7 5,600 CFS 100 HR

VERDE @ EAST VERDE GH 12.3 13,075 CFS 100 HR

VERDE @ TANGLE CRK GH 12.0 13,500 CFS 100 HR

VERDE BEELINE GH 0.0 0 CFS 100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.11′ ELEV 2021.11′ CONTENTS 118,065 AF AVAIL +13,362 AF

CHANGE IN CONTENTS SINCE 2400 HR +187 AF

CALCULATED UNGAUGED INFLOW 604 CFS

SURCHARGE CONTENTS AVAIL 100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 100 HR

BARTLETT HOUR 100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.95′ ELEV 1793.95′ CONTENTS 167,032 AF AVAIL +11,154 AF

CHANGE IN CONTENTS SINCE 2400 HR -54 AF

CALCULATED UNGAUGED INFLOW 2,506 CFS

SURCHARGE CONTENTS AVAIL 100 HR 14,483 AF

BARTLETT TOTAL RELEASE 15,000 CFS 100 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,097 AF

AVAIL STORAGE +24,516 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2400 HR +133 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,110 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/19/79 HOUR 100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.0	11,500 CFS	100 HR
SALT ROOSEVELT	GH 14.4	13,100 CFS	100 HR
TONTO CREEK	GH 6.1	3,208 CFS	100 HR (EST)
TOTAL INFLOW ROOSEVELT		16,308 CFS	100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.11′ ELEV 2133.06′ CONTENTS 1,331,582 AF AVAIL +49,998 AF
CHANGE IN CONTENTS SINCE 2400 HR -1,902 AF
CALCULATED UNGAUGED INFLOW 13,878 CFS
SURCHARGE CONTENTS AVAIL 100 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	53,200 CFS	100 HR

HORSE MESA HOUR 100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.74′ ELEV 1911.74′ CONTENTS 239,176 AF AVAIL +5,962 AF
CHANGE IN CONTENTS SINCE 2400 HR -419 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	8,000 CFS	100 HR
HORSE MESA TUNNEL	47,000 CFS	100 HR
TOTAL HORSE MESA RELEASE	55,000 CFS	100 HR

MORMON FLAT HOUR 100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 129.00′ ELEV 1648.00′ CONTENTS 46,423 AF AVAIL +11,429 AF
CHANGE IN CONTENTS SINCE 2400 HR +260 AF
CALCULATED UNGAUGED INFLOW 2,446 CFS
SURCHARGE CONTENTS AVAIL 100 HR 10,279 AF

MORMON FLA TOTAL RELEASE	54,300 CFS	100 HR

STEWART MOUNTAIN HOUR 100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 2400 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,700 CFS
SURCHARGE CONTENTS AVAIL 100 HR 7,807 AF

ST MTN TOTAL RELEASE	60,000 CFS	100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,684,445 AF
AVAIL STORAGE	+69,890 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2400 HR	-2,061 AF
TOTAL CALCULATED UNGAUGED INFLOW	22,024 CFS

GRANITE REEF

SALT BELOW G. REEF	77,800 CFS	100 HR
ARIZONA CANAL	285 CFS	100 HR
SOUTH CANAL	149 CFS	100 HR
TOTAL AT G. REEF	78,234 CFS	100 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.7	10,500 CFS	2400 HR
SALT ROOSEVELT	GH 14.6	13,698 CFS	2400 HR
TONTO CREEK	GH 6.1	3,208 CFS	2400 HR (EST)
TOTAL INFLOW ROOSEVELT		16,906 CFS	2400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.22′ ELEV 2133.17′ CONTENTS 1,333,484 AF AVAIL +48,096 AF
CHANGE IN CONTENTS SINCE 2300 HR -1,383 AF
CALCULATED UNGAUGED INFLOW 19,560 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		53,200 CFS	2400 HR

HORSE MESA HOUR 2400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 261.90′ ELEV 1911.90′ CONTENTS 239,595 AF AVAIL +5,543 AF
CHANGE IN CONTENTS SINCE 2300 HR -394 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		8,000 CFS	2400 HR
HORSE MESA TUNNEL		47,000 CFS	2400 HR
TOTAL HORSE MESA RELEASE		55,000 CFS	2400 HR

MORMON FLAT HOUR 2400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.70′ ELEV 1647.70′ CONTENTS 46,163 AF AVAIL +11,689 AF
CHANGE IN CONTENTS SINCE 2300 HR +460 AF
CALCULATED UNGAUGED INFLOW 4,866 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 10,279 AF

MORMON FLA TOTAL RELEASE		54,300 CFS	2400 HR

STEWART MOUNTAIN HOUR 2400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 2300 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,700 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 7,807 AF

ST MTN TOTAL RELEASE		60,000 CFS	2400 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,686,506 AF
AVAIL STORAGE +67,829 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2300 HR -1,317 AF
TOTAL CALCULATED UNGAUGED INFLOW 30,126 CFS

GRANITE REEF

SALT BELOW G. REEF		77,800 CFS	2400 HR
ARIZONA CANAL		285 CFS	2400 HR
SOUTH CANAL		149 CFS	2400 HR
TOTAL AT G. REEF		78,234 CFS	2400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.9 6,000 CFS 2400 HR

VERDE @ EAST VERDE GH 12.2 12,800 CFS 2400 HR

VERDE @ TANGLE CRK GH 12.2 14,420 CFS 2400 HR

VERDE BEELINE GH 0.0 0 CFS 2400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.04′ ELEV 2021.04′ CONTENTS 117,878 AF AVAIL +13,549 AF

CHANGE IN CONTENTS SINCE 2300 HR +185 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 11,841 CFS 2400 HR

BARTLETT HOUR 2400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.97′ ELEV 1793.97′ CONTENTS 167,086 AF AVAIL +11,100 AF

CHANGE IN CONTENTS SINCE 2300 HR -405 AF

CALCULATED UNGAUGED INFLOW 3,259 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 2400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,964 AF

AVAIL STORAGE +24,649 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2300 HR -220 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,259 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.7	10,500 CFS	2300 HR
SALT ROOSEVELT	GH 14.7	13,996 CFS	2300 HR
TONTO CREEK	GH 6.1	3,208 CFS	2300 HR (EST.)
TOTAL INFLOW ROOSEVELT		17,204 CFS	2300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.30′ ELEV 2133.25′ CONTENTS 1,334,867 AF AVAIL +46,713 AF
CHANGE IN CONTENTS SINCE 2200 HR -1,210 AF
CALCULATED UNGAUGED INFLOW 21,355 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		53,200 CFS	2300 HR

HORSE MESA HOUR 2300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.05′ ELEV 1912.05′ CONTENTS 239,989 AF AVAIL +5,149 AF
CHANGE IN CONTENTS SINCE 2200 HR -526 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		8,000 CFS	2300 HR
HORSE MESA TUNNEL		47,000 CFS	2300 HR
TOTAL HORSE MESA RELEASE		55,000 CFS	2300 HR

MORMON FLAT HOUR 2300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 129.17′ ELEV 1647.17′ CONTENTS 45,703 AF AVAIL +12,149 AF
CHANGE IN CONTENTS SINCE 2200 HR +87 AF
CALCULATED UNGAUGED INFLOW 4,553 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 10,279 AF

MORMON FLA TOTAL RELEASE		58,500 CFS	2300 HR

STEWART MOUNTAIN HOUR 2300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 2200 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,000 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 7,807 AF

ST MTN TOTAL RELEASE		63,500 CFS	2300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,687,823 AF
AVAIL STORAGE +66,512 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2200 HR -1,649 AF
TOTAL CALCULATED UNGAUGED INFLOW 30,908 CFS

GRANITE REEF

SALT BELOW G. REEF		77,500 CFS	2300 HR
ARIZONA CANAL		185 CFS	2300 HR
SOUTH CANAL		135 CFS	2300 HR
TOTAL AT G. REEF		77,820 CFS	2300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.9 6,000 CFS 2300 HR

VERDE @ EAST VERDE GH 12.4 13,350 CFS 2300 HR

VERDE @ TANGLE CRK GH 12.3 14,880 CFS 2300 HR

VERDE BEELINE GH 0.0 0 CFS 2300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.97′ ELEV 2020.97′ CONTENTS 117,693 AF AVAIL +13,734 AF

CHANGE IN CONTENTS SINCE 2200 HR +236 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 2300 HR

BARTLETT HOUR 2300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.12′ ELEV 1794.12′ CONTENTS 167,491 AF AVAIL +10,695 AF

CHANGE IN CONTENTS SINCE 2200 HR -325 AF

CALCULATED UNGAUGED INFLOW 4,068 CFS

SURCHARGE CONTENTS AVAIL 2300 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 2300 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,184 AF

AVAIL STORAGE +24,429 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2200 HR -89 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,068 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.6	10,200 CFS	2200 HR	
SALT ROOSEVELT	GH 14.9	14,592 CFS	2200 HR	
TONTO CREEK	GH 6.2	3,409 CFS	2200 HR	
TOTAL INFLOW ROOSEVELT		18,001 CFS	2200 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 2200

MAXIMUM	GH 234.00′	ELEV 2135.95′	CAPACITY 1,381,580 AF	
CURRENT	GH 231.37′	ELEV 2133.32′	CONTENTS 1,336,077 AF	AVAIL +45,503 AF
CHANGE IN CONTENTS SINCE 2100 HR		-1,556 AF		
CALCULATED UNGAUGED INFLOW		16,371 CFS		
SURCHARGE CONTENTS AVAIL 2200 HR		173,805 AF		
ROOSEVELT TOTAL RELEASE		53,200 CFS	2200 HR	

HORSE MESA HOUR 2200

MAXIMUM	GH 264.00′	ELEV 1914.00′	CAPACITY 245,138 AF	
CURRENT	GH 262.25′	ELEV 1912.25′	CONTENTS 240,515 AF	AVAIL +4,623 AF
CHANGE IN CONTENTS SINCE 2100 HR		-448 AF		
CALCULATED UNGAUGED INFLOW		0 CFS		
SURCHARGE CONTENTS AVAIL 2200 HR		16,210 AF		
HORSE MESA SPILLWAY RELEASE		8,000 CFS	2200 HR	
HORSE MESA TUNNEL		47,000 CFS	2200 HR	
TOTAL HORSE MESA RELEASE		55,000 CFS	2200 HR	

MORMON FLAT HOUR 2200

MAXIMUM	GH 141.50′	ELEV 1660.50′	CAPACITY 57,852 AF	
CURRENT	GH 128.07′	ELEV 1647.07′	CONTENTS 45,616 AF	AVAIL +12,236 AF
CHANGE IN CONTENTS SINCE 2100 HR		-113 AF		
CALCULATED UNGAUGED INFLOW		1,933 CFS		
SURCHARGE CONTENTS AVAIL 2200 HR		10,279 AF		
MORMON FLA TOTAL RELEASE		58,300 CFS	2200 HR	

STEWART MOUNTAIN HOUR 2200

MAXIMUM	GH 119.00′	ELEV 1529.00′	CAPACITY 69,765 AF	
CURRENT	GH 117.00′	ELEV 1527.00′	CONTENTS 67,264 AF	AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 2100 HR		+0 AF		
CALCULATED UNGAUGED INFLOW		5,200 CFS		
SURCHARGE CONTENTS AVAIL 2200 HR		7,807 AF		
ST MTN TOTAL RELEASE		63,500 CFS	2200 HR	

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,689,472 AF
AVAIL STORAGE	+64,863 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2100 HR	-2,117 AF
TOTAL CALCULATED UNGAUGED INFLOW	23,504 CFS

GRANITE REEF

SALT BELOW G. REEF	77,500 CFS	2200 HR	
ARIZONA CANAL	185 CFS	2200 HR	
SOUTH CANAL	135 CFS	2200 HR	
TOTAL AT G. REEF	77,820 CFS	2200 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.9 6,000 CFS 2200 HR

VERDE @ EAST VERDE GH 12.5 13,625 CFS 2200 HR

VERDE @ TANGLE CRK GH 12.4 15,340 CFS 2200 HR

VERDE BEELINE GH 0.0 0 CFS 2200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.88′ ELEV 2020.88′ CONTENTS 117,457 AF AVAIL +13,970 AF

CHANGE IN CONTENTS SINCE 2100 HR +342 AF

CALCULATED UNGAUGED INFLOW 798 CFS

SURCHARGE CONTENTS AVAIL 2200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 2200 HR

BARTLETT HOUR 2200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.24′ ELEV 1794.24′ CONTENTS 167,816 AF AVAIL +10,370 AF

CHANGE IN CONTENTS SINCE 2100 HR -299 AF

CALCULATED UNGAUGED INFLOW 4,382 CFS

SURCHARGE CONTENTS AVAIL 2200 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 2200 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,273 AF

AVAIL STORAGE +24,340 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2100 HR +43 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,180 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.7	10,500 CFS	2100 HR
SALT ROOSEVELT	GH 15.0	14,890 CFS	2100 HR
TONTO CREEK	GH 6.2	3,409 CFS	2100 HR(est)
TOTAL INFLOW ROOSEVELT		18,299 CFS	2100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.46′ ELEV 2133.41′ CONTENTS 1,337,633 AF AVAIL +43,947 AF
CHANGE IN CONTENTS SINCE 2000 HR -1,038 AF
CALCULATED UNGAUGED INFLOW 22,841 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 53,700 CFS 2100 HR

HORSE MESA HOUR 2100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.42′ ELEV 1912.42′ CONTENTS 240,963 AF AVAIL +4,175 AF
CHANGE IN CONTENTS SINCE 2000 HR -395 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	8,000 CFS	2100 HR
HORSE MESA TUNNEL	47,000 CFS	2100 HR
TOTAL HORSE MESA RELEASE	55,000 CFS	2100 HR

MORMON FLAT HOUR 2100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.20′ ELEV 1647.20′ CONTENTS 45,729 AF AVAIL +12,123 AF
CHANGE IN CONTENTS SINCE 2000 HR -121 AF
CALCULATED UNGAUGED INFLOW 2,036 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 58,500 CFS 2100 HR

STEWART MOUNTAIN HOUR 2100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 2000 HR -124 AF
CALCULATED UNGAUGED INFLOW 5,000 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 7,807 AF
ST MTN TOTAL RELEASE 65,000 CFS 2100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,691,589 AF
AVAIL STORAGE +62,746 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2000 HR -1,678 AF
TOTAL CALCULATED UNGAUGED INFLOW 29,877 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	2100 HR
ARIZONA CANAL	185 CFS	2100 HR
SOUTH CANAL	135 CFS	2100 HR
TOTAL AT G. REEF	74,320 CFS	2100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.9 6,000 CFS 2100 HR

VERDE @ EAST VERDE GH 12.6 13,900 CFS 2100 HR

VERDE @ TANGLE CRK GH 12.3 14,880 CFS 2100 HR

VERDE BEELINE GH 0.0 0 CFS 2100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.75′ ELEV 2020.75′ CONTENTS 117,115 AF AVAIL +14,312 AF

CHANGE IN CONTENTS SINCE 2000 HR +237 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 2100 HR

BARTLETT HOUR 2100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.35′ ELEV 1794.35′ CONTENTS 168,115 AF AVAIL +10,071 AF

CHANGE IN CONTENTS SINCE 2000 HR -325 AF

CALCULATED UNGAUGED INFLOW 4,068 CFS

SURCHARGE CONTENTS AVAIL 2100 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 2100 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,230 AF

AVAIL STORAGE +24,383 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2000 HR -88 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,068 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.9	11,150 CFS	2000 HR
SALT ROOSEVELT	GH 15.1	15,206 CFS	2000 HR
TONTO CREEK	GH (6.4)	3,812 CFS	2000 HR ← (EST)
TOTAL INFLOW ROOSEVELT		19,018 CFS	2000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.52′ ELEV 2133.47′ CONTENTS 1,338,671 AF AVAIL +42,909 AF
CHANGE IN CONTENTS SINCE 1900 HR -1,902 AF
CALCULATED UNGAUGED INFLOW 11,668 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	53,700 CFS	2000 HR

HORSE MESA HOUR 2000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.57′ ELEV 1912.57′ CONTENTS 241,358 AF AVAIL +3,780 AF
CHANGE IN CONTENTS SINCE 1900 HR -447 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	8,000 CFS	2000 HR
HORSE MESA TUNNEL	47,000 CFS	2000 HR
TOTAL HORSE MESA RELEASE	55,000 CFS	2000 HR

MORMON FLAT HOUR 2000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.34′ ELEV 1647.34′ CONTENTS 45,850 AF AVAIL +12,002 AF
CHANGE IN CONTENTS SINCE 1900 HR -252 AF
CALCULATED UNGAUGED INFLOW 751 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 10,279 AF

MORMON FLA TOTAL RELEASE	58,800 CFS	2000 HR

STEWART MOUNTAIN HOUR 2000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.10′ ELEV 1527.10′ CONTENTS 67,388 AF AVAIL +2,377 AF
CHANGE IN CONTENTS SINCE 1900 HR +0 AF
CALCULATED UNGAUGED INFLOW 6,200 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 7,807 AF

ST MTN TOTAL RELEASE	65,000 CFS	2000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,693,267 AF
AVAIL STORAGE +61,068 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1900 HR -2,601 AF
TOTAL CALCULATED UNGAUGED INFLOW 18,619 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	2000 HR
ARIZONA CANAL	185 CFS	2000 HR
SOUTH CANAL	135 CFS	2000 HR
TOTAL AT G. REEF	74,320 CFS	2000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 2000 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.7 5,600 CFS 2000 HR

VERDE @ EAST VERDE GH 12.6 13,900 CFS 2000 HR

VERDE @ TANGLE CRK GH 12.1 13,960 CFS 2000 HR

VERDE BEELINE GH 0.0 0 CFS 2000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.66′ ELEV 2020.66′ CONTENTS 116,878 AF AVAIL +14,549 AF

CHANGE IN CONTENTS SINCE 1900 HR +236 AF

CALCULATED UNGAUGED INFLOW 896 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 2000 HR

BARTLETT HOUR 2000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.47′ ELEV 1794.47′ CONTENTS 168,440 AF AVAIL +9,746 AF

CHANGE IN CONTENTS SINCE 1900 HR -1,219 AF ← change due to operator freeing the float (hung up).

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 2000 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,318 AF

AVAIL STORAGE +24,295 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1900 HR -983 AF

TOTAL CALCULATED UNGAUGED INFLOW 896 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.1	11,850 CFS	1900 HR
SALT ROOSEVELT	GH 15.0	14,890 CFS	1900 HR
TONTO CREEK	GH 6.4	3,812 CFS	1900 HR
TOTAL INFLOW ROOSEVELT		18,702 CFS	1900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.63′ ELEV 2133.58′ CONTENTS 1,340,573 AF AVAIL +41,007 AF
CHANGE IN CONTENTS SINCE 1800 HR -1,902 AF
CALCULATED UNGAUGED INFLOW 14,784 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 56,500 CFS 1900 HR

HORSE MESA HOUR 1900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.74′ ELEV 1912.74′ CONTENTS 241,805 AF AVAIL +3,333 AF
CHANGE IN CONTENTS SINCE 1800 HR -580 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	1900 HR
HORSE MESA TUNNEL	48,000 CFS	1900 HR
TOTAL HORSE MESA RELEASE	59,500 CFS	1900 HR

MORMON FLAT HOUR 1900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.63′ ELEV 1647.63′ CONTENTS 46,102 AF AVAIL +11,750 AF
CHANGE IN CONTENTS SINCE 1800 HR -541 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 60,000 CFS 1900 HR

STEWART MOUNTAIN HOUR 1900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.10′ ELEV 1527.10′ CONTENTS 67,388 AF AVAIL +2,377 AF
CHANGE IN CONTENTS SINCE 1800 HR +0 AF
CALCULATED UNGAUGED INFLOW 5,000 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 7,807 AF
ST MTN TOTAL RELEASE 65,000 CFS 1900 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,695,868 AF
AVAIL STORAGE +58,467 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1800 HR -3,023 AF
TOTAL CALCULATED UNGAUGED INFLOW 19,784 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1900 HR
ARIZONA CANAL	185 CFS	1900 HR
SOUTH CANAL	135 CFS	1900 HR
TOTAL AT G. REEF	74,320 CFS	1900 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1900 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.4 5,030 CFS 1900 HR

VERDE @ EAST VERDE GH 12.5 13,625 CFS 1900 HR

VERDE @ TANGLE CRK GH 12.0 13,500 CFS 1900 HR

VERDE BEELINE GH 0.0 0 CFS 1900 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1900

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.57′ ELEV 2020.57′ CONTENTS 116,642 AF AVAIL +14,785 AF

CHANGE IN CONTENTS SINCE 1800 HR +158 AF

CALCULATED UNGAUGED INFLOW 412 CFS

SURCHARGE CONTENTS AVAIL 1900 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1900 HR

BARTLETT HOUR 1900

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.92′ ELEV 1794.92′ CONTENTS 169,659 AF AVAIL +8,527 AF

CHANGE IN CONTENTS SINCE 1800 HR +0 AF

CALCULATED UNGAUGED INFLOW 8,000 CFS

SURCHARGE CONTENTS AVAIL 1900 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1900 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,301 AF

AVAIL STORAGE +23,312 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1800 HR +158 AF

TOTAL CALCULATED UNGAUGED INFLOW 8,412 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.2	12,200 CFS	1800 HR
SALT ROOSEVELT	GH 15.6	16,802 CFS	1800 HR
TONTO CREEK	GH 6.5	4,014 CFS	1800 HR
TOTAL INFLOW ROOSEVELT		20,816 CFS	1800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.74′ ELEV 2133.69′ CONTENTS 1,342,475 AF AVAIL +39,105 AF
CHANGE IN CONTENTS SINCE 1700 HR -518 AF
CALCULATED UNGAUGED INFLOW 29,416 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	56,500 CFS	1800 HR

HORSE MESA HOUR 1800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.96′ ELEV 1912.96′ CONTENTS 242,385 AF AVAIL +2,753 AF
CHANGE IN CONTENTS SINCE 1700 HR -449 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	1800 HR
HORSE MESA TUNNEL	48,000 CFS	1800 HR
TOTAL HORSE MESA RELEASE	59,500 CFS	1800 HR

MORMON FLAT HOUR 1800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 129.25′ ELEV 1648.25′ CONTENTS 46,643 AF AVAIL +11,209 AF
CHANGE IN CONTENTS SINCE 1700 HR +654 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 10,279 AF

MORMON FLA TOTAL RELEASE	51,400 CFS	1800 HR

STEWART MOUNTAIN HOUR 1800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.10′ ELEV 1527.10′ CONTENTS 67,388 AF AVAIL +2,377 AF
CHANGE IN CONTENTS SINCE 1700 HR +0 AF
CALCULATED UNGAUGED INFLOW 3,100 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 7,807 AF

ST MTN TOTAL RELEASE	54,500 CFS	1800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,698,891 AF
AVAIL STORAGE +55,444 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1700 HR -313 AF
TOTAL CALCULATED UNGAUGED INFLOW 32,516 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1800 HR
ARIZONA CANAL	185 CFS	1800 HR
SOUTH CANAL	135 CFS	1800 HR
TOTAL AT G. REEF	74,320 CFS	1800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1800 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.3 4,840 CFS 1800 HR

VERDE @ EAST VERDE GH 12.3 13,075 CFS 1800 HR

VERDE @ TANGLE CRK GH 12.0 13,500 CFS 1800 HR

VERDE BEELINE GH 0.0 0 CFS 1800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.51′ ELEV 2020.51′ CONTENTS 116,484 AF AVAIL +14,943 AF

CHANGE IN CONTENTS SINCE 1700 HR +105 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1800 HR

BARTLETT HOUR 1800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.92′ ELEV 1794.92′ CONTENTS 169,659 AF AVAIL +8,527 AF

CHANGE IN CONTENTS SINCE 1700 HR -54 AF

CALCULATED UNGAUGED INFLOW 7,347 CFS

SURCHARGE CONTENTS AVAIL 1800 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1800 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,143 AF

AVAIL STORAGE +23,470 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1700 HR +51 AF

TOTAL CALCULATED UNGAUGED INFLOW 7,347 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.3	12,550 CFS	1700 HR
SALT ROOSEVELT	GH 16.0	18,130 CFS	1700 HR
TONTO CREEK	GH 6.5	4,014 CFS	1700 HR
TOTAL INFLOW ROOSEVELT		22,144 CFS	1700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.77′ ELEV 2133.72′ CONTENTS 1,342,993 AF AVAIL +38,587 AF
CHANGE IN CONTENTS SINCE 1600 HR -1,729 AF
CALCULATED UNGAUGED INFLOW 13,435 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	56,500 CFS	1700 HR

HORSE MESA HOUR 1700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.13′ ELEV 1913.13′ CONTENTS 242,834 AF AVAIL +2,304 AF
CHANGE IN CONTENTS SINCE 1600 HR -424 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	1700 HR
HORSE MESA TUNNEL	48,000 CFS	1700 HR
TOTAL HORSE MESA RELEASE	59,500 CFS	1700 HR

MORMON FLAT HOUR 1700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 128.50′ ELEV 1647.50′ CONTENTS 45,989 AF AVAIL +11,863 AF
CHANGE IN CONTENTS SINCE 1600 HR +735 AF
CALCULATED UNGAUGED INFLOW 794 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 10,279 AF

MORMON FLA TOTAL RELEASE	51,400 CFS	1700 HR

STEWART MOUNTAIN HOUR 1700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.10′ ELEV 1527.10′ CONTENTS 67,388 AF AVAIL +2,377 AF
CHANGE IN CONTENTS SINCE 1600 HR +0 AF
CALCULATED UNGAUGED INFLOW 3,100 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 7,807 AF

ST MTN TOTAL RELEASE	54,500 CFS	1700 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,699,204 AF
AVAIL STORAGE +55,131 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1600 HR -1,418 AF
TOTAL CALCULATED UNGAUGED INFLOW 17,329 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1700 HR
ARIZONA CANAL	185 CFS	1700 HR
SOUTH CANAL	135 CFS	1700 HR
TOTAL AT G. REEF	74,300 CFS	1700 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1700 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.0 4,330 CFS 1700 HR

VERDE @ EAST VERDE GH 12.3 13,075 CFS 1700 HR

VERDE @ TANGLE CRK GH 11.9 13,100 CFS 1700 HR

VERDE BEELINE GH 0.0 0 CFS 1700 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1700

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.47′ ELEV 2020.47′ CONTENTS 116,379 AF AVAIL +15,048 AF

CHANGE IN CONTENTS SINCE 1600 HR +131 AF

CALCULATED UNGAUGED INFLOW 485 CFS

SURCHARGE CONTENTS AVAIL 1700 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1700 HR

BARTLETT HOUR 1700

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.94′ ELEV 1794.94′ CONTENTS 169,713 AF AVAIL +8,473 AF

CHANGE IN CONTENTS SINCE 1600 HR -273 AF

CALCULATED UNGAUGED INFLOW 4,697 CFS

SURCHARGE CONTENTS AVAIL 1700 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1700 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,092 AF

AVAIL STORAGE +23,521 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1600 HR -142 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,182 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.4	12,900 CFS	1600 HR
SALT ROOSEVELT	GH 16.3	19,204 CFS	1600 HR
TONTO CREEK	GH 6.8	4,727 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		23,931 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.87′ ELEV 2133.82′ CONTENTS 1,344,722 AF AVAIL +36,858 AF
CHANGE IN CONTENTS SINCE 1500 HR -2,767 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	56,500 CFS	1600 HR

HORSE MESA HOUR 1600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.29′ ELEV 1913.29′ CONTENTS 243,258 AF AVAIL +1,880 AF
CHANGE IN CONTENTS SINCE 1500 HR -344 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	1600 HR
HORSE MESA TUNNEL	48,000 CFS	1600 HR
TOTAL HORSE MESA RELEASE	59,500 CFS	1600 HR

MORMON FLAT HOUR 1600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 127.65′ ELEV 1646.65′ CONTENTS 45,254 AF AVAIL +12,598 AF
CHANGE IN CONTENTS SINCE 1500 HR +746 AF
CALCULATED UNGAUGED INFLOW 927 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 10,279 AF

MORMON FLA TOTAL RELEASE	51,400 CFS	1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.10′ ELEV 1527.10′ CONTENTS 67,388 AF AVAIL +2,377 AF
CHANGE IN CONTENTS SINCE 1500 HR +124 AF
CALCULATED UNGAUGED INFLOW 4,600 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 7,807 AF

ST MTN TOTAL RELEASE	54,500 CFS	1600 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,700,622 AF
AVAIL STORAGE +53,713 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1500 HR -2,241 AF
TOTAL CALCULATED UNGAUGED INFLOW 5,527 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1600 HR
ARIZONA CANAL	185 CFS	1600 HR
SOUTH CANAL	135 CFS	1600 HR
TOTAL AT G. REEF	74,320 CFS	1600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1600 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.9 4,160 CFS 1600 HR

VERDE @ EAST VERDE GH 12.2 12,800 CFS 1600 HR

VERDE @ TANGLE CRK GH 11.8 12,700 CFS 1600 HR

VERDE BEELINE GH 0.0 0 CFS 1600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.42′ ELEV 2020.42′ CONTENTS 116,248 AF AVAIL +15,179 AF

CHANGE IN CONTENTS SINCE 1500 HR +0 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1600 HR

BARTLETT HOUR 1600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.04′ ELEV 1795.04′ CONTENTS 169,986 AF AVAIL +8,200 AF

CHANGE IN CONTENTS SINCE 1500 HR -137 AF

CALCULATED UNGAUGED INFLOW 6,342 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1600 HR

COMBINED RESERVOIR SUMMARY -- VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,234 AF

AVAIL STORAGE +23,379 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1500 HR -137 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,342 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.5	13,250 CFS	1500 HR
SALT ROOSEVELT	GH 16.9	21,352 CFS	1500 HR
TONTO CREEK	GH 6.2	3,409 CFS	1500 HR
TOTAL INFLOW ROOSEVELT		24,761 CFS	1500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.03′ ELEV 2133.98′ CONTENTS 1,347,489 AF AVAIL +34,091 AF
CHANGE IN CONTENTS SINCE 1400 HR +0 AF
CALCULATED UNGAUGED INFLOW 31,739 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	56,500 CFS	1500 HR

HORSE MESA HOUR 1500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.42′ ELEV 1913.42′ CONTENTS 243,602 AF AVAIL +1,536 AF
CHANGE IN CONTENTS SINCE 1400 HR -874 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	11,500 CFS	1500 HR
HORSE MESA TUNNEL	48,000 CFS	1500 HR
TOTAL HORSE MESA RELEASE	59,500 CFS	1500 HR

MORMON FLAT HOUR 1500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 126.78′ ELEV 1645.78′ CONTENTS 44,508 AF AVAIL +13,344 AF
CHANGE IN CONTENTS SINCE 1400 HR +569 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 10,279 AF

MORMON FLA TOTAL RELEASE	52,600 CFS	1500 HR

STEWART MOUNTAIN HOUR 1500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 117.00′ ELEV 1527.00′ CONTENTS 67,264 AF AVAIL +2,501 AF
CHANGE IN CONTENTS SINCE 1400 HR +246 AF
CALCULATED UNGAUGED INFLOW 4,877 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 7,807 AF

ST MTN TOTAL RELEASE	54,500 CFS	1500 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,702,863 AF
AVAIL STORAGE +51,472 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1400 HR -59 AF
TOTAL CALCULATED UNGAUGED INFLOW 36,616 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1500 HR
ARIZONA CANAL	185 CFS	1500 HR
SOUTH CANAL	135 CFS	1500 HR
TOTAL AT G. REEF	74,320 CFS	1500 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1500 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 7.9 4,160 CFS 1500 HR

VERDE @ EAST VERDE GH 12.5 13,625 CFS 1500 HR

VERDE @ TANGLE CRK GH 11.7 12,300 CFS 1500 HR

VERDE BEELINE GH 0.0 0 CFS 1500 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1500

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.42′ ELEV 2020.42′ CONTENTS 116,248 AF AVAIL +15,179 AF

CHANGE IN CONTENTS SINCE 1400 HR -263 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1500 HR 17,576 AF

HORSESHOE TOTAL RELEASE 12,000 CFS 1500 HR

BARTLETT HOUR 1500

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.09′ ELEV 1795.09′ CONTENTS 170,123 AF AVAIL +8,063 AF

CHANGE IN CONTENTS SINCE 1400 HR -164 AF

CALCULATED UNGAUGED INFLOW 6,016 CFS

SURCHARGE CONTENTS AVAIL 1500 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1500 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,371 AF

AVAIL STORAGE +23,242 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1400 HR -427 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,016 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.7	13,950 CFS	1400 HR
SALT ROOSEVELT	GH 17.4	23,282 CFS	1400 HR
TONTO CREEK	GH 6.6	4,252 CFS	1400 HR
TOTAL INFLOW ROOSEVELT		27,534 CFS	1400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.03′ ELEV 2133.98′ CONTENTS 1,347,489 AF AVAIL +34,091 AF
CHANGE IN CONTENTS SINCE 1300 HR -173 AF
CALCULATED UNGAUGED INFLOW 20,873 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 50,500 CFS 1400 HR

HORSE MESA HOUR 1400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.75′ ELEV 1913.75′ CONTENTS 244,476 AF AVAIL +662 AF
CHANGE IN CONTENTS SINCE 1300 HR +0 AF
CALCULATED UNGAUGED INFLOW 9,500 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	12,000 CFS	1400 HR
HORSE MESA TUNNEL	48,000 CFS	1400 HR
TOTAL HORSE MESA RELEASE	60,000 CFS	1400 HR

MORMON FLAT HOUR 1400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 126.11′ ELEV 1645.11′ CONTENTS 43,939 AF AVAIL +13,913
CHANGE IN CONTENTS SINCE 1300 HR +632 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 51,700 CFS 1400 HR

STEWART MOUNTAIN HOUR 1400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.80′ ELEV 1526.80′ CONTENTS 67,018 AF AVAIL +2,747 AF
CHANGE IN CONTENTS SINCE 1300 HR +369 AF
CALCULATED UNGAUGED INFLOW 3,685 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 7,807 AF

ST MTN TOTAL RELEASE	50,920 CFS	1400 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,702,922 AF
AVAIL STORAGE +51,413 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1300 HR +828 AF
TOTAL CALCULATED UNGAUGED INFLOW 34,058 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1400 HR
ARIZONA CANAL	185 CFS	1400 HR
SOUTH CANAL	135 CFS	1400 HR
TOTAL AT G. REEF	74,320 CFS	1400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.0 4,330 CFS 1400 HR

VERDE @ EAST VERDE GH 12.3 13,075 CFS 1400 HR

VERDE @ TANGLE CRK GH 11.8 12,700 CFS 1400 HR

VERDE BEELINE GH 0.0 0 CFS 1400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.52′ ELEV 2020.52′ CONTENTS 116,511 AF AVAIL +14,916 AF

CHANGE IN CONTENTS SINCE 1300 HR -262 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,000 CFS 1400 HR

BARTLETT HOUR 1400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.15′ ELEV 1795.15′ CONTENTS 170,287 AF AVAIL +7,899 AF

CHANGE IN CONTENTS SINCE 1300 HR -82 AF

CALCULATED UNGAUGED INFLOW 4,008 CFS

SURCHARGE CONTENTS AVAIL 1400 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1400 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,798 AF

AVAIL STORAGE +22,815 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1300 HR -344 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,008 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.0	15,000 CFS	1300 HR
SALT ROOSEVELT	GH 18.0	25,640 CFS	1300 HR
TONTO CREEK	GH 6.6	4,252 CFS	1300 HR
TOTAL INFLOW ROOSEVELT		29,892 CFS	1300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.04′ ELEV 2133.99′ CONTENTS 1,347,662 AF AVAIL +33,918 AF
CHANGE IN CONTENTS SINCE 1200 HR -346 AF
CALCULATED UNGAUGED INFLOW 16,421 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	50,500 CFS	1300 HR

HORSE MESA HOUR 1300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.75′ ELEV 1913.75′ CONTENTS 244,476 AF AVAIL +662 AF
CHANGE IN CONTENTS SINCE 1200 HR -265 AF
CALCULATED UNGAUGED INFLOW 6,294 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	12,000 CFS	1300 HR
HORSE MESA TUNNEL	48,000 CFS	1300 HR
TOTAL HORSE MESA RELEASE	60,000 CFS	1300 HR

MORMON FLAT HOUR 1300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 125.36′ ELEV 1644.36′ CONTENTS 43,307 AF AVAIL +14,545 AF
CHANGE IN CONTENTS SINCE 1200 HR +803 AF
CALCULATED UNGAUGED INFLOW 716 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 10,279 AF

MORMON FLA TOTAL RELEASE	51,000 CFS	1300 HR

STEWART MOUNTAIN HOUR 1300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.50′ ELEV 1526.50′ CONTENTS 66,649 AF AVAIL +3,116 AF
CHANGE IN CONTENTS SINCE 1200 HR +247 AF
CALCULATED UNGAUGED INFLOW 2,909 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 7,807 AF

ST MTN TOTAL RELEASE	50,920 CFS	1300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,702,094 AF
AVAIL STORAGE +52,241 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1200 HR +439 AF
TOTAL CALCULATED UNGAUGED INFLOW 26,340 CFS

GRANITE REEF

SALT BELOW G. REEF	74,000 CFS	1300 HR
ARIZONA CANAL	185 CFS	1300 HR
SOUTH CANAL	135 CFS	1300 HR
TOTAL AT G. REEF	74,320 CFS	1300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.1 4,500 CFS 1300 HR

VERDE @ EAST VERDE GH 12.2 12,800 CFS 1300 HR

VERDE @ TANGLE CRK GH 11.8 12,700 CFS 1300 HR

VERDE BEELINE GH 0.0 0 CFS 1300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.62′ ELEV 2020.62′ CONTENTS 116,773 AF AVAIL +14,654 AF

CHANGE IN CONTENTS SINCE 1200 HR -211 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,000 CFS 1300 HR

BARTLETT HOUR 1300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.18′ ELEV 1795.18′ CONTENTS 170,369 AF AVAIL +7,817 AF

CHANGE IN CONTENTS SINCE 1200 HR -165 AF

CALCULATED UNGAUGED INFLOW 3,004 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1300 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +287,142 AF

AVAIL STORAGE +22,471 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR -376 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,004 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.1 4,500 CFS 1300 HR

VERDE @ EAST VERDE GH 12.2 12,800 CFS 1300 HR

VERDE @ TANGLE CRK GH 11.8 12,700 CFS 1300 HR

VERDE BEELINE GH 0.0 0 CFS 1300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.62′ ELEV 2020.62′ CONTENTS 116,773 AF AVAIL +14,654 AF

CHANGE IN CONTENTS SINCE 1200 HR -211 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,000 CFS 1300 HR

BARTLETT HOUR 1300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.18′ ELEV 1795.18′ CONTENTS 170,369 AF AVAIL +7,817 AF

CHANGE IN CONTENTS SINCE 1200 HR -165 AF

CALCULATED UNGAUGED INFLOW 3,004 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1300 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +287,142 AF

AVAIL STORAGE +22,471 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR -376 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,004 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.2	15,800 CFS	1200 HR
SALT ROOSEVELT	GH 18.6	28,214 CFS	1200 HR
TONTO CREEK	GH 6.6	4,252 CFS	1200 HR
TOTAL INFLOW ROOSEVELT		32,466 CFS	1200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.06′ ELEV 2134.01′ CONTENTS 1,348,008 AF AVAIL +33,572 AF
CHANGE IN CONTENTS SINCE 1100 HR +173 AF
CALCULATED UNGAUGED INFLOW 20,127 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		50,500 CFS	1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.85′ ELEV 1913.85′ CONTENTS 244,741 AF AVAIL +397 AF
CHANGE IN CONTENTS SINCE 1100 HR -397 AF
CALCULATED UNGAUGED INFLOW 4,696 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		12,000 CFS	1200 HR
HORSE MESA TUNNEL		48,000 CFS	1200 HR
TOTAL HORSE MESA RELEASE		60,000 CFS	1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 124.40′ ELEV 1643.40′ CONTENTS 42,504 AF AVAIL +15,348 AF
CHANGE IN CONTENTS SINCE 1100 HR +736 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF

MORMON FLA TOTAL RELEASE		49,000 CFS	1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.30′ ELEV 1526.30′ CONTENTS 66,402 AF AVAIL +3,363 AF
CHANGE IN CONTENTS SINCE 1100 HR +123 AF
CALCULATED UNGAUGED INFLOW 3,408 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF

ST MTN TOTAL RELEASE		50,920 CFS	1200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,701,655 AF
AVAIL STORAGE +52,680 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1100 HR +635 AF
TOTAL CALCULATED UNGAUGED INFLOW 28,231 CFS

GRANITE REEF

SALT BELOW G. REEF		74,000 CFS	1200 HR
ARIZONA CANAL		185 CFS	1200 HR
SOUTH CANAL		135 CFS	1200 HR
TOTAL AT G. REEF		74,320 CFS	1200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.2 4,670 CFS 1200 HR

VERDE @ EAST VERDE GH 12.1 12,525 CFS 1200 HR

VERDE @ TANGLE CRK GH 12.0 13,500 CFS 1200 HR

VERDE BEELINE GH 0.0 0 CFS 1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.70′ ELEV 2020.70′ CONTENTS 116,984 AF AVAIL +14,443 AF

CHANGE IN CONTENTS SINCE 1100 HR -210 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,000 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.24′ ELEV 1795.24′ CONTENTS 170,534 AF AVAIL +7,652 AF

CHANGE IN CONTENTS SINCE 1100 HR -109 AF

CALCULATED UNGAUGED INFLOW 3,681 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +287,518 AF

AVAIL STORAGE +22,095 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1100 HR -319 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,681 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.5	17,000 CFS	1100 HR
SALT ROOSEVELT	GH 18.7	28,643 CFS	1100 HR
TONTO CREEK	GH 6.4	3,812 CFS	1100 HR
TOTAL INFLOW ROOSEVELT		32,455 CFS	1100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.05′ ELEV 2134.00′ CONTENTS 1,347,835 AF AVAIL +33,745 AF
CHANGE IN CONTENTS SINCE 1000 HR -519 AF
CALCULATED UNGAUGED INFLOW 11,765 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 50,500 CFS 1100 HR

HORSE MESA HOUR 1100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 264.00′ ELEV 1914.00′ CONTENTS 245,138 AF AVAIL +0 AF
CHANGE IN CONTENTS SINCE 1000 HR +0 AF
CALCULATED UNGAUGED INFLOW 9,500 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	12,000 CFS	1100 HR
HORSE MESA TUNNEL	48,000 CFS	1100 HR
TOTAL HORSE MESA RELEASE	60,000 CFS	1100 HR

MORMON FLAT HOUR 1100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 123.51′ ELEV 1642.51′ CONTENTS 41,768 AF AVAIL +16,084 AF
CHANGE IN CONTENTS SINCE 1000 HR +583 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 49,000 CFS 1100 HR

STEWART MOUNTAIN HOUR 1100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.20′ ELEV 1526.20′ CONTENTS 66,279 AF AVAIL +3,486 AF
CHANGE IN CONTENTS SINCE 1000 HR +123 AF
CALCULATED UNGAUGED INFLOW 3,408 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 7,807 AF
ST MTN TOTAL RELEASE 50,920 CFS 1100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,701,020 AF
AVAIL STORAGE	+53,315 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1000 HR	+187 AF
TOTAL CALCULATED UNGAUGED INFLOW	24,673 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	1100 HR
ARIZONA CANAL	185 CFS	1100 HR
SOUTH CANAL	135 CFS	1100 HR
TOTAL AT G. REEF	66,320 CFS	1100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.3 4,840 CFS 1100 HR

VERDE @ EAST VERDE GH 12.2 12,800 CFS 1100 HR

VERDE @ TANGLE CRK GH 12.0 13,500 CFS 1100 HR

VERDE BEELINE GH 0.0 0 CFS 1100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.78′ ELEV 2020.78′ CONTENTS 117,194 AF AVAIL +14,233 AF

CHANGE IN CONTENTS SINCE 1000 HR -236 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,000 CFS 1100 HR

BARTLETT HOUR 1100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.28′ ELEV 1795.28′ CONTENTS 170,643 AF AVAIL +7,543 AF

CHANGE IN CONTENTS SINCE 1000 HR -110 AF

CALCULATED UNGAUGED INFLOW 3,669 CFS

SURCHARGE CONTENTS AVAIL 1100 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1100 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +287,837 AF

AVAIL STORAGE +21,776 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1000 HR -346 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,669 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.8	18,200 CFS	1000 HR
SALT ROOSEVELT	GH 19.4	31,754 CFS	1000 HR
TONTO CREEK	GH 6.7	4,489 CFS	1000 HR
TOTAL INFLOW ROOSEVELT		36,243 CFS	1000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.08′ ELEV 2134.03′ CONTENTS 1,348,354 AF AVAIL +33,226 AF
CHANGE IN CONTENTS SINCE 900 HR -173 AF
CALCULATED UNGAUGED INFLOW 12,164 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 50,500 CFS 1000 HR

HORSE MESA HOUR 1000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 264.00′ ELEV 1914.00′ CONTENTS 245,138 AF AVAIL +0 AF
CHANGE IN CONTENTS SINCE 900 HR +0 AF
CALCULATED UNGAUGED INFLOW 10,500 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 13,000 CFS 1000 HR
HORSE MESA TUNNEL 48,000 CFS 1000 HR
TOTAL HORSE MESA RELEASE 61,000 CFS 1000 HR

(1000 hr)
(1914.08 Elev.; no surcharge computed)

MORMON FLAT HOUR 1000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.80′ ELEV 1641.80′ CONTENTS 41,185 AF AVAIL +16,667 AF
CHANGE IN CONTENTS SINCE 900 HR +651 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 47,500 CFS 1000 HR

STEWART MOUNTAIN HOUR 1000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.10′ ELEV 1526.10′ CONTENTS 66,156 AF AVAIL +3,609 AF
CHANGE IN CONTENTS SINCE 900 HR +123 AF
CALCULATED UNGAUGED INFLOW 3,988 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 7,807 AF
ST MTN TOTAL RELEASE 50,000 CFS 1000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,700,833 AF
AVAIL STORAGE	+53,502 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 900 HR	+601 AF
TOTAL CALCULATED UNGAUGED INFLOW	26,652 CFS

GRANITE REEF

SALT BELOW G. REEF		66,000 CFS	1000 HR
ARIZONA CANAL		185 CFS	1000 HR
SOUTH CANAL		135 CFS	1000 HR
TOTAL AT G. REEF		66,320 CFS	1000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 1000 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.4 5,030 CFS 1000 HR — No gage reading - Esti

VERDE @ EAST VERDE GH 12.2 12,800 CFS 1000 HR

VERDE @ TANGLE CRK GH 12.1 13,960 CFS 1000 HR

VERDE BEELINE GH 0.0 0 CFS 1000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.87′ ELEV 2020.87′ CONTENTS 117,430 AF AVAIL +13,997 AF

CHANGE IN CONTENTS SINCE 900 HR -316 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,000 CFS 1000 HR

BARTLETT HOUR 1000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.32′ ELEV 1795.32′ CONTENTS 170,753 AF AVAIL +7,433 AF

CHANGE IN CONTENTS SINCE 900 HR +110 AF

CALCULATED UNGAUGED INFLOW 6,331 CFS

SURCHARGE CONTENTS AVAIL 1000 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 1000 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +288,183 AF

AVAIL STORAGE +21,430 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 900 HR -206 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,331 CFS

SRP OPERATIONAL STATUS – SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 10.2	20,000 CFS	900 HR
SALT ROOSEVELT	GH 19.6	32,682 CFS	900 HR
TONTO CREEK	GH 6.6	4,252 CFS	900 HR
TOTAL INFLOW ROOSEVELT		36,934 CFS	900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.09′ ELEV 2134.04′ CONTENTS 1,348,527 AF AVAIL +33,053 AF
CHANGE IN CONTENTS SINCE 800 HR +173 AF
CALCULATED UNGAUGED INFLOW 15,159 CFS
SURCHARGE CONTENTS AVAIL 900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 50,000 CFS 900 HR

HORSE MESA HOUR 900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 264.00′ ELEV 1914.00′ CONTENTS 245,138 AF AVAIL +0 AF
CHANGE IN CONTENTS SINCE 800 HR +0 AF
CALCULATED UNGAUGED INFLOW 10,500 CFS (0900 hr)
SURCHARGE CONTENTS AVAIL 900 HR 16,210 AF (1914.08 Elev.; no surcharge computed)
HORSE MESA SPILLWAY RELEASE 12,500 CFS 900 HR
HORSE MESA TUNNEL 48,000 CFS 900 HR
TOTAL HORSE MESA RELEASE 60,500 CFS 900 HR

MORMON FLAT HOUR 900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.00′ ELEV 1641.00′ CONTENTS 40,534 AF AVAIL +17,318 AF
CHANGE IN CONTENTS SINCE 800 HR +225 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 46,000 CFS 900 HR

STEWART MOUNTAIN HOUR 900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 116.00′ ELEV 1526.00′ CONTENTS 66,033 AF AVAIL +3,732 AF
CHANGE IN CONTENTS SINCE 800 HR +122 AF
CALCULATED UNGAUGED INFLOW 5,476 CFS
SURCHARGE CONTENTS AVAIL 900 HR 7,807 AF
ST MTN TOTAL RELEASE 50,000 CFS 900 HR

COMBINED RESERVOIR SUMMARY – SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,700,232 AF
AVAIL STORAGE +54,103 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 800 HR +520 AF
TOTAL CALCULATED UNGAUGED INFLOW 31,135 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	900 HR
ARIZONA CANAL	250 CFS	900 HR
SOUTH CANAL	135 CFS	900 HR
TOTAL AT G. REEF	66,385 CFS	900 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 900 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.4 5,030 CFS 900 HR

VERDE @ EAST VERDE GH 12.4 13,350 CFS 900 HR

VERDE @ TANGLE CRK GH 12.1 13,960 CFS 900 HR

VERDE BEELINE GH 0.0 0 CFS 900 HR

VERDE RESERVOIRS

HORSESHOE HOUR 900

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.99′ ELEV 2020.99′ CONTENTS 117,746 AF AVAIL +13,681 AF

CHANGE IN CONTENTS SINCE 800 HR -425 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 900 HR 17,576 AF

HORSESHOE TOTAL RELEASE 15,120 CFS 900 HR

BARTLETT HOUR 900

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.28′ ELEV 1795.28′ CONTENTS 170,643 AF AVAIL +7,543 AF

CHANGE IN CONTENTS SINCE 800 HR +27 AF

CALCULATED UNGAUGED INFLOW 5,207 CFS

SURCHARGE CONTENTS AVAIL 900 HR 14,483 AF

BARTLETT TOTAL RELEASE 20,000 CFS 900 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +288,389 AF

AVAIL STORAGE +21,224 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR -398 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,207 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 10.6	22,000 CFS	800 HR
SALT ROOSEVELT	GH 19.8	33,626 CFS	800 HR
TONTO CREEK	GH 6.7	4,489 CFS	800 HR
TOTAL INFLOW ROOSEVELT		38,115 CFS	800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.08′ ELEV 2134.03′ CONTENTS 1,348,354 AF AVAIL +33,226 AF
CHANGE IN CONTENTS SINCE 700 HR +173 AF
CALCULATED UNGAUGED INFLOW 11,978 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 264.00′ ELEV 1914.00′ CONTENTS 245,138 AF AVAIL +0 AF
CHANGE IN CONTENTS SINCE 700 HR +0 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 800 HR
HORSE MESA TUNNEL 46,000 CFS 800 HR
TOTAL HORSE MESA RELEASE 46,000 CFS 800 HR

(0800 hr) (1914.08 Elev.; no surcharge computed)

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.72′ ELEV 1640.72′ CONTENTS 40,309 AF AVAIL +17,543 AF
CHANGE IN CONTENTS SINCE 700 HR +97 AF
CALCULATED UNGAUGED INFLOW 174 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.90′ ELEV 1525.90′ CONTENTS 65,911 AF AVAIL +3,854 AF
CHANGE IN CONTENTS SINCE 700 HR +121 AF
CALCULATED UNGAUGED INFLOW 4,464 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF
ST MTN TOTAL RELEASE 48,000 CFS 800 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,699,712 AF
AVAIL STORAGE	+54,623 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 700 HR	+391 AF
TOTAL CALCULATED UNGAUGED INFLOW	16,616 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	800 HR
ARIZONA CANAL	250 CFS	800 HR
SOUTH CANAL	135 CFS	800 HR
TOTAL AT G. REEF	66,385 CFS	800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 800 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.6 5,410 CFS 800 HR

VERDE @ EAST VERDE GH 12.6 13,900 CFS 800 HR

VERDE @ TANGLE CRK GH 12.2 14,420 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.15′ ELEV 2021.15′ CONTENTS 118,171 AF AVAIL +13,256 AF

CHANGE IN CONTENTS SINCE 700 HR -772 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.27′ ELEV 1795.27′ CONTENTS 170,616 AF AVAIL +7,570 AF

CHANGE IN CONTENTS SINCE 700 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,973 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +288,787 AF

AVAIL STORAGE +20,826 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 700 HR -799 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,973 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 11.1	24,500 CFS	700 HR
SALT ROOSEVELT	GH 20.2	35,572 CFS	700 HR
TONTO CREEK	GH 6.9	4,964 CFS	700 HR
TOTAL INFLOW ROOSEVELT		40,536 CFS	700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.07′ ELEV 2134.02′ CONTENTS 1,348,181 AF AVAIL +33,399 AF
CHANGE IN CONTENTS SINCE 600 HR +346 AF
CALCULATED UNGAUGED INFLOW 11,651 CFS
SURCHARGE CONTENTS AVAIL 700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 700 HR

HORSE MESA HOUR 700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 264.00′ ELEV 1914.00′ CONTENTS 245,138 AF AVAIL +0 AF
CHANGE IN CONTENTS SINCE 600 HR +291 AF
CALCULATED UNGAUGED INFLOW 1,521 CFS
SURCHARGE CONTENTS AVAIL 700 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 700 HR
HORSE MESA TUNNEL 46,000 CFS 700 HR
TOTAL HORSE MESA RELEASE 46,000 CFS 700 HR

MORMON FLAT HOUR 700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.60′ ELEV 1640.60′ CONTENTS 40,212 AF AVAIL +17,640 AF
CHANGE IN CONTENTS SINCE 600 HR +322 AF
CALCULATED UNGAUGED INFLOW 2,896 CFS
SURCHARGE CONTENTS AVAIL 700 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 700 HR

STEWART MOUNTAIN HOUR 700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.80′ ELEV 1525.80′ CONTENTS 65,790 AF AVAIL +3,975 AF
CHANGE IN CONTENTS SINCE 600 HR +122 AF
CALCULATED UNGAUGED INFLOW 4,476 CFS
SURCHARGE CONTENTS AVAIL 700 HR 7,807 AF
ST MTN TOTAL RELEASE 48,000 CFS 700 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,699,321 AF
AVAIL STORAGE	+55,014 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 600 HR	+1,081 AF
TOTAL CALCULATED UNGAUGED INFLOW	20,544 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	700 HR
ARIZONA CANAL	271 CFS	700 HR
SOUTH CANAL	165 CFS	700 HR
TOTAL AT G. REEF	66,436 CFS	700 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 700 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.7 5,600 CFS 700 HR

VERDE @ EAST VERDE GH 12.6 13,900 CFS 700 HR

VERDE @ TANGLE CRK GH 12.1 13,960 CFS 700 HR

VERDE BEELINE GH 0.0 0 CFS 700 HR

VERDE RESERVOIRS

HORSESHOE HOUR 700

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.44′ ELEV 2021.44′ CONTENTS 118,943 AF AVAIL +12,484 AF

CHANGE IN CONTENTS SINCE 600 HR -613 AF

CALCULATED UNGAUGED INFLOW 323 CFS

SURCHARGE CONTENTS AVAIL 700 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 700 HR

BARTLETT HOUR 700

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.28′ ELEV 1795.28′ CONTENTS 170,643 AF AVAIL +7,543 AF

CHANGE IN CONTENTS SINCE 600 HR -28 AF

CALCULATED UNGAUGED INFLOW 2,961 CFS

SURCHARGE CONTENTS AVAIL 700 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 700 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +289,586 AF

AVAIL STORAGE +20,027 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 600 HR -641 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,284 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 11.3	25,500 CFS	600 HR
SALT ROOSEVELT	GH 20.7	38,077 CFS	600 HR
TONTO CREEK	GH 6.9	4,964 CFS	600 HR
TOTAL INFLOW ROOSEVELT		43,041 CFS	600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.05′ ELEV 2134.00′ CONTENTS 1,347,835 AF AVAIL +33,745 AF
CHANGE IN CONTENTS SINCE 500 HR +519 AF
CALCULATED UNGAUGED INFLOW 11,239 CFS
SURCHARGE CONTENTS AVAIL 600 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	48,000 CFS	600 HR

HORSE MESA HOUR 600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.89′ ELEV 1913.89′ CONTENTS 244,847 AF AVAIL +291 AF
CHANGE IN CONTENTS SINCE 500 HR +292 AF
CALCULATED UNGAUGED INFLOW 1,533 CFS
SURCHARGE CONTENTS AVAIL 600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	600 HR
HORSE MESA TUNNEL	46,000 CFS	600 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	600 HR

MORMON FLAT HOUR 600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.20′ ELEV 1640.20′ CONTENTS 39,890 AF AVAIL +17,962 AF
CHANGE IN CONTENTS SINCE 500 HR +241 AF
CALCULATED UNGAUGED INFLOW 1,916 CFS
SURCHARGE CONTENTS AVAIL 600 HR 10,279 AF

MORMON FLA TOTAL RELEASE	45,000 CFS	600 HR

STEWART MOUNTAIN HOUR 600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.70′ ELEV 1525.70′ CONTENTS 65,668 AF AVAIL +4,097 AF
CHANGE IN CONTENTS SINCE 500 HR +122 AF
CALCULATED UNGAUGED INFLOW 4,476 CFS
SURCHARGE CONTENTS AVAIL 600 HR 7,807 AF

ST MTN TOTAL RELEASE	48,000 CFS	600 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,698,240 AF
AVAIL STORAGE	+56,095 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 500 HR	+1,174 AF
TOTAL CALCULATED UNGAUGED INFLOW	19,164 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	600 HR
ARIZONA CANAL	271 CFS	600 HR
SOUTH CANAL	155 CFS	600 HR
TOTAL AT G. REEF	66,426 CFS	600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 600 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 8.9 6,000 CFS 600 HR

VERDE @ EAST VERDE GH 12.5 13,625 CFS 600 HR

VERDE @ TANGLE CRK GH 12.2 14,420 CFS 600 HR

VERDE BEELINE GH 0.0 0 CFS 600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.67′ ELEV 2021.67′ CONTENTS 119,556 AF AVAIL +11,871 AF

CHANGE IN CONTENTS SINCE 500 HR -532 AF

CALCULATED UNGAUGED INFLOW 843 CFS

SURCHARGE CONTENTS AVAIL 600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 600 HR

BARTLETT HOUR 600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.29′ ELEV 1795.29′ CONTENTS 170,671 AF AVAIL +7,515 AF

CHANGE IN CONTENTS SINCE 500 HR -27 AF

CALCULATED UNGAUGED INFLOW 2,973 CFS

SURCHARGE CONTENTS AVAIL 600 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 600 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +290,227 AF

AVAIL STORAGE +19,386 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 500 HR -559 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,816 CFS

SRP OPERATIONAL STATUS – SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 11.7	27,500 CFS	500 HR
SALT ROOSEVELT	GH 20.7	38,077 CFS	500 HR
TONTO CREEK	GH 7.2	5,352 CFS	500 HR
TOTAL INFLOW ROOSEVELT		43,429 CFS	500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 232.02′ ELEV 2133.97′ CONTENTS 1,347,316 AF AVAIL +34,264 AF
CHANGE IN CONTENTS SINCE 400 HR +519 AF
CALCULATED UNGAUGED INFLOW 10,851 CFS
SURCHARGE CONTENTS AVAIL 500 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	48,000 CFS	500 HR

HORSE MESA HOUR 500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.78′ ELEV 1913.78′ CONTENTS 244,555 AF AVAIL +583 AF
CHANGE IN CONTENTS SINCE 400 HR +264 AF
CALCULATED UNGAUGED INFLOW 1,194 CFS
SURCHARGE CONTENTS AVAIL 500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	500 HR
HORSE MESA TUNNEL	46,000 CFS	500 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	500 HR

MORMON FLAT HOUR 500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.90′ ELEV 1639.90′ CONTENTS 39,649 AF AVAIL +18,203 AF
CHANGE IN CONTENTS SINCE 400 HR +238 AF
CALCULATED UNGAUGED INFLOW 1,880 CFS
SURCHARGE CONTENTS AVAIL 500 HR 10,279 AF

MORMON FLA TOTAL RELEASE	45,000 CFS	500 HR

STEWART MOUNTAIN HOUR 500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.60′ ELEV 1525.60′ CONTENTS 65,546 AF AVAIL +4,219 AF
CHANGE IN CONTENTS SINCE 400 HR +121 AF
CALCULATED UNGAUGED INFLOW 4,464 CFS
SURCHARGE CONTENTS AVAIL 500 HR 7,807 AF

ST MTN TOTAL RELEASE	48,000 CFS	500 HR

COMBINED RESERVOIR SUMMARY – SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,697,066 AF
AVAIL STORAGE	+57,269 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 400 HR	+1,142 AF
TOTAL CALCULATED UNGAUGED INFLOW	18,389 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	500 HR
ARIZONA CANAL	271 CFS	500 HR
SOUTH CANAL	155 CFS	500 HR
TOTAL AT G. REEF	66,426 CFS	500 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 500 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.0 6,200 CFS 500 HR

VERDE @ EAST VERDE GH 12.7 14,175 CFS 500 HR

VERDE @ TANGLE CRK GH 12.5 15,800 CFS 500 HR

VERDE BEELINE GH 0.0 0 CFS 500 HR

VERDE RESERVOIRS

HORSESHOE HOUR 500

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.87′ ELEV 2021.87′ CONTENTS 120,088 AF AVAIL +11,339 AF

CHANGE IN CONTENTS SINCE 400 HR -481 AF

CALCULATED UNGAUGED INFLOW 80 CFS

SURCHARGE CONTENTS AVAIL 500 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 500 HR

BARTLETT HOUR 500

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.30′ ELEV 1795.30′ CONTENTS 170,698 AF AVAIL +7,488 AF

CHANGE IN CONTENTS SINCE 400 HR +0 AF

CALCULATED UNGAUGED INFLOW 3,300 CFS

SURCHARGE CONTENTS AVAIL 500 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 500 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +290,786 AF

AVAIL STORAGE +18,827 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 400 HR -481 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,380 CFS

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.1 6,400 CFS 400 HR

VERDE @ EAST VERDE GH 13.0 15,000 CFS 400 HR

VERDE @ TANGLE CRK GH 12.6 16,300 CFS 400 HR

VERDE BEELINE GH 0.0 0 CFS 400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.05′ ELEV 2022.05′ CONTENTS 120,569 AF AVAIL +10,858 AF

CHANGE IN CONTENTS SINCE 300 HR -296 AF

CALCULATED UNGAUGED INFLOW 1,818 CFS

SURCHARGE CONTENTS AVAIL 400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 400 HR

BARTLETT HOUR 400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.30′ ELEV 1795.30′ CONTENTS 170,698 AF AVAIL +7,488 AF

CHANGE IN CONTENTS SINCE 300 HR +0 AF

CALCULATED UNGAUGED INFLOW 3,300 CFS

SURCHARGE CONTENTS AVAIL 400 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +291,267 AF

AVAIL STORAGE +18,346 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 300 HR -296 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,118 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 11.9	28,500 CFS	400 HR	
SALT ROOSEVELT	GH 21.3	41,164 CFS	400 HR	
TONTO CREEK	GH 7.2	5,352 CFS	400 HR	
TOTAL INFLOW ROOSEVELT		46,516 CFS	400 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.99′ ELEV 2133.94′ CONTENTS 1,346,797 AF AVAIL +34,783 AF
CHANGE IN CONTENTS SINCE 300 HR +1,556 AF
CALCULATED UNGAUGED INFLOW 20,312 CFS
SURCHARGE CONTENTS AVAIL 400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 400 HR

HORSE MESA HOUR 400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.68′ ELEV 1913.68′ CONTENTS 244,291 AF AVAIL +847 AF
CHANGE IN CONTENTS SINCE 300 HR +451 AF
CALCULATED UNGAUGED INFLOW 3,457 CFS
SURCHARGE CONTENTS AVAIL 400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	400 HR
HORSE MESA TUNNEL	46,000 CFS	400 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	400 HR

MORMON FLAT HOUR 400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.60′ ELEV 1639.60′ CONTENTS 39,411 AF AVAIL +18,441 AF
CHANGE IN CONTENTS SINCE 300 HR +279 AF
CALCULATED UNGAUGED INFLOW 2,376 CFS
SURCHARGE CONTENTS AVAIL 400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 400 HR

STEWART MOUNTAIN HOUR 400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.50′ ELEV 1525.50′ CONTENTS 65,425 AF AVAIL +4,340 AF
CHANGE IN CONTENTS SINCE 300 HR +122 AF
CALCULATED UNGAUGED INFLOW 4,476 CFS
SURCHARGE CONTENTS AVAIL 400 HR 7,807 AF
ST MTN TOTAL RELEASE 48,000 CFS 400 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,695,924 AF
AVAIL STORAGE	+58,411 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 300 HR	+2,408 AF
TOTAL CALCULATED UNGAUGED INFLOW	30,621 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	400 HR
ARIZONA CANAL	271 CFS	400 HR
SOUTH CANAL	155 CFS	400 HR
TOTAL AT G. REEF	66,426 CFS	400 HR

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.2	30,200 CFS	300 HR
SALT ROOSEVELT	GH 21.8	43,885 CFS	300 HR
TONTO CREEK	GH 7.5	5,577 CFS	300 HR
TOTAL INFLOW ROOSEVELT		49,462 CFS	300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.90′ ELEV 2133.85′ CONTENTS 1,345,241 AF AVAIL +36,339 AF
CHANGE IN CONTENTS SINCE 200 HR +1,729 AF
CALCULATED UNGAUGED INFLOW 19,459 CFS
SURCHARGE CONTENTS AVAIL 300 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 300 HR

HORSE MESA HOUR 300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.51′ ELEV 1913.51′ CONTENTS 243,840 AF AVAIL +1,298 AF
CHANGE IN CONTENTS SINCE 200 HR +450 AF
CALCULATED UNGAUGED INFLOW 3,445 CFS
SURCHARGE CONTENTS AVAIL 300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	300 HR
HORSE MESA TUNNEL	46,000 CFS	300 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	300 HR

MORMON FLAT HOUR 300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.25′ ELEV 1639.25′ CONTENTS 39,132 AF AVAIL +18,720 AF
CHANGE IN CONTENTS SINCE 200 HR +119 AF
CALCULATED UNGAUGED INFLOW 440 CFS
SURCHARGE CONTENTS AVAIL 300 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 300 HR

STEWART MOUNTAIN HOUR 300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.40′ ELEV 1525.40′ CONTENTS 65,303 AF AVAIL +4,462 AF
CHANGE IN CONTENTS SINCE 200 HR +122 AF
CALCULATED UNGAUGED INFLOW 1,476 CFS
SURCHARGE CONTENTS AVAIL 300 HR 7,807 AF
ST MTN TOTAL RELEASE 45,000 CFS 300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,693,516 AF
AVAIL STORAGE	+60,819 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 200 HR	+2,420 AF
TOTAL CALCULATED UNGAUGED INFLOW	24,820 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	300 HR
ARIZONA CANAL	271 CFS	300 HR
SOUTH CANAL	155 CFS	300 HR
TOTAL AT G. REEF	66,426 CFS	300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.2 6,600 CFS 300 HR

VERDE @ EAST VERDE GH 13.1 15,294 CFS 300 HR

VERDE @ TANGLE CRK GH 12.8 17,300 CFS 300 HR

VERDE BEELINE GH 0.0 0 CFS 300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.16′ ELEV 2022.16′ CONTENTS 120,865 AF AVAIL +10,562 AF

CHANGE IN CONTENTS SINCE 200 HR -297 AF

CALCULATED UNGAUGED INFLOW 806 CFS

SURCHARGE CONTENTS AVAIL 300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 300 HR

BARTLETT HOUR 300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.30′ ELEV 1795.30′ CONTENTS 170,698 AF AVAIL +7,488 AF

CHANGE IN CONTENTS SINCE 200 HR +27 AF

CALCULATED UNGAUGED INFLOW 3,627 CFS

SURCHARGE CONTENTS AVAIL 300 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 300 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +291,563 AF

AVAIL STORAGE +18,050 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 200 HR -270 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,433 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.4	31,400 CFS	200 HR
SALT ROOSEVELT	GH 22.0	44,995 CFS	200 HR
TONTO CREEK	GH 7.8	7,120 CFS	200 HR
TOTAL INFLOW ROOSEVELT		52,115 CFS	200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.80′ ELEV 2133.75′ CONTENTS 1,343,512 AF AVAIL +38,068 AF
CHANGE IN CONTENTS SINCE 100 HR +1,729 AF
CALCULATED UNGAUGED INFLOW 16,806 CFS
SURCHARGE CONTENTS AVAIL 200 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	48,000 CFS	200 HR

HORSE MESA HOUR 200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.34′ ELEV 1913.34′ CONTENTS 243,390 AF AVAIL +1,748 AF
CHANGE IN CONTENTS SINCE 100 HR +264 AF
CALCULATED UNGAUGED INFLOW 1,194 CFS
SURCHARGE CONTENTS AVAIL 200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	200 HR
HORSE MESA TUNNEL	46,000 CFS	200 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	200 HR

MORMON FLAT HOUR 200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.10′ ELEV 1639.10′ CONTENTS 39,013 AF AVAIL +18,839 AF
CHANGE IN CONTENTS SINCE 100 HR +159 AF
CALCULATED UNGAUGED INFLOW 924 CFS
SURCHARGE CONTENTS AVAIL 200 HR 10,279 AF

MORMON FLA TOTAL RELEASE	45,000 CFS	200 HR

STEWART MOUNTAIN HOUR 200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.30′ ELEV 1525.30′ CONTENTS 65,181 AF AVAIL +4,584 AF
CHANGE IN CONTENTS SINCE 100 HR +122 AF
CALCULATED UNGAUGED INFLOW 1,476 CFS
SURCHARGE CONTENTS AVAIL 200 HR 7,807 AF

ST MTN TOTAL RELEASE	45,000 CFS	200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,691,096 AF
AVAIL STORAGE +63,239 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 100 HR +2,274 AF
TOTAL CALCULATED UNGAUGED INFLOW 20,400 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	200 HR
ARIZONA CANAL	271 CFS	200 HR
SOUTH CANAL	175 CFS	200 HR
TOTAL AT G. REEF	66,446 CFS	200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.3 6,800 CFS 200 HR

VERDE @ EAST VERDE GH 13.6 16,764 CFS 200 HR

VERDE @ TANGLE CRK GH 13.1 18,880 CFS 200 HR

VERDE BEELINE GH 0.0 0 CFS 200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.27′ ELEV 2022.27′ CONTENTS 121,162 AF AVAIL +10,265 AF

CHANGE IN CONTENTS SINCE 100 HR -135 AF

CALCULATED UNGAUGED INFLOW 1,187 CFS

SURCHARGE CONTENTS AVAIL 200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 200 HR

BARTLETT HOUR 200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.29′ ELEV 1795.29′ CONTENTS 170,671 AF AVAIL +7,515 AF

CHANGE IN CONTENTS SINCE 100 HR +494 AF

CALCULATED UNGAUGED INFLOW 9,277 CFS

SURCHARGE CONTENTS AVAIL 200 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 200 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +291,833 AF

AVAIL STORAGE +17,780 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 100 HR +359 AF

TOTAL CALCULATED UNGAUGED INFLOW 10,464 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.3	30,800 CFS	100 HR
SALT ROOSEVELT	GH 22.0	44,995 CFS	100 HR
TONTO CREEK	GH 7.8	7,120 CFS	100 HR
TOTAL INFLOW ROOSEVELT		52,115 CFS	100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.70′ ELEV 2133.65′ CONTENTS 1,341,783 AF AVAIL +39,797 AF
CHANGE IN CONTENTS SINCE 2400 HR +1,210 AF
CALCULATED UNGAUGED INFLOW 10,526 CFS
SURCHARGE CONTENTS AVAIL 100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 100 HR

HORSE MESA HOUR 100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.24′ ELEV 1913.24′ CONTENTS 243,126 AF AVAIL +2,012 AF
CHANGE IN CONTENTS SINCE 2400 HR +318 AF
CALCULATED UNGAUGED INFLOW 1,848 CFS
SURCHARGE CONTENTS AVAIL 100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	100 HR
HORSE MESA TUNNEL	46,000 CFS	100 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	100 HR

MORMON FLAT HOUR 100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.90′ ELEV 1638.90′ CONTENTS 38,854 AF AVAIL +18,998 AF
CHANGE IN CONTENTS SINCE 2400 HR +118 AF
CALCULATED UNGAUGED INFLOW 428 CFS
SURCHARGE CONTENTS AVAIL 100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 100 HR

STEWART MOUNTAIN HOUR 100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.20′ ELEV 1525.20′ CONTENTS 65,059 AF AVAIL +4,706 AF
CHANGE IN CONTENTS SINCE 2400 HR +121 AF
CALCULATED UNGAUGED INFLOW 1,464 CFS
SURCHARGE CONTENTS AVAIL 100 HR 7,807 AF
ST MTN TOTAL RELEASE 45,000 CFS 100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,688,822 AF
AVAIL STORAGE +65,513 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2400 HR +1,767 AF
TOTAL CALCULATED UNGAUGED INFLOW 14,266 CFS

GRANITE REEF

SALT BELOW G. REEF	66,000 CFS	100 HR
ARIZONA CANAL	271 CFS	100 HR
SOUTH CANAL	175 CFS	100 HR
TOTAL AT G. REEF	66,446 CFS	100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/18/79 HOUR 100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.1 6,400 CFS 100 HR

VERDE @ EAST VERDE GH 13.8 17,352 CFS 100 HR

VERDE @ TANGLE CRK GH 13.4 20,620 CFS 100 HR

VERDE BEELINE GH 0.0 0 CFS 100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.32′ ELEV 2022.32′ CONTENTS 121,297 AF AVAIL +10,130 AF

CHANGE IN CONTENTS SINCE 2400 HR -323 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 21,700 CFS 100 HR

BARTLETT HOUR 100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 195.11′ ELEV 1795.11′ CONTENTS 170,177 AF AVAIL +8,009 AF

CHANGE IN CONTENTS SINCE 2400 HR +816 AF

CALCULATED UNGAUGED INFLOW 13,174 CFS

SURCHARGE CONTENTS AVAIL 100 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 100 HR

COMBINED RESERVOIR SUMMARY — VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +291,474 AF

AVAIL STORAGE +18,139 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2400 HR +493 AF

TOTAL CALCULATED UNGAUGED INFLOW 13,174 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.3	30,800 CFS	2400 HR
SALT ROOSEVELT	GH 22.2	46,105 CFS	2400 HR
TONTO CREEK	GH 8.2	8,920 CFS	2400 HR
TOTAL INFLOW ROOSEVELT		55,025 CFS	2400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.63′ ELEV 2133.58′ CONTENTS 1,340,573 AF AVAIL +41,007 AF
CHANGE IN CONTENTS SINCE 2300 HR +2,248 AF
CALCULATED UNGAUGED INFLOW 20,176 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 2400 HR

HORSE MESA HOUR 2400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.12′ ELEV 1913.12′ CONTENTS 242,808 AF AVAIL +2,330 AF
CHANGE IN CONTENTS SINCE 2300 HR +318 AF
CALCULATED UNGAUGED INFLOW 1,848 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	2400 HR
HORSE MESA TUNNEL	46,000 CFS	2400 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	2400 HR

MORMON FLAT HOUR 2400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.75′ ELEV 1638.75′ CONTENTS 38,736 AF AVAIL +19,116 AF
CHANGE IN CONTENTS SINCE 2300 HR +31 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 2400 HR

STEWART MOUNTAIN HOUR 2400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.10′ ELEV 1525.10′ CONTENTS 64,938 AF AVAIL +4,827 AF
CHANGE IN CONTENTS SINCE 2300 HR +122 AF
CALCULATED UNGAUGED INFLOW 1,476 CFS
SURCHARGE CONTENTS AVAIL 2400 HR 7,807 AF
ST MTN TOTAL RELEASE 45,000 CFS 2400 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,687,055 AF
AVAIL STORAGE	+67,280 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 2300 HR	+2,719 AF
TOTAL CALCULATED UNGAUGED INFLOW	23,500 CFS

GRANITE REEF

SALT BELOW G. REEF		63,000 CFS	2400 HR
ARIZONA CANAL		270 CFS	2400 HR
SOUTH CANAL		175 CFS	2400 HR
TOTAL AT G. REEF		63,445 CFS	2400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.0 6,200 CFS 2400 HR

VERDE @ EAST VERDE GH 14.2 18,568 CFS 2400 HR

VERDE @ TANGLE CRK GH 13.7 22,440 CFS 2400 HR

VERDE BEELINE GH 0.0 0 CFS 2400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.44′ ELEV 2022.44′ CONTENTS 121,620 AF AVAIL +9,807 AF

CHANGE IN CONTENTS SINCE 2300 HR -512 AF

CALCULATED UNGAUGED INFLOW 1,365 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 2400 HR

BARTLETT HOUR 2400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.81′ ELEV 1794.81′ CONTENTS 169,361 AF AVAIL +8,825 AF

CHANGE IN CONTENTS SINCE 2300 HR +704 AF

CALCULATED UNGAUGED INFLOW 3,518 CFS

SURCHARGE CONTENTS AVAIL 2400 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 2400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +290,981 AF

AVAIL STORAGE +18,632 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2300 HR +192 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,883 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.7	33,200 CFS	2300 HR
SALT ROOSEVELT	GH 21.8	43,885 CFS	2300 HR
TONTO CREEK	GH 8.6	10,494 CFS	2300 HR
TOTAL INFLOW ROOSEVELT		54,379 CFS	2300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.50′ ELEV 2133.45′ CONTENTS 1,338,325 AF AVAIL +43,255 AF
CHANGE IN CONTENTS SINCE 2200 HR +1,902 AF
CALCULATED UNGAUGED INFLOW 16,635 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	48,000 CFS	2300 HR

HORSE MESA HOUR 2300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.00′ ELEV 1913.00′ CONTENTS 242,490 AF AVAIL +2,648 AF
CHANGE IN CONTENTS SINCE 2200 HR +79 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	2300 HR
HORSE MESA TUNNEL	46,000 CFS	2300 HR
TOTAL HORSE MESA RELEASE	46,000 CFS	2300 HR

MORMON FLAT HOUR 2300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.71′ ELEV 1638.71′ CONTENTS 38,705 AF AVAIL +19,147 AF
CHANGE IN CONTENTS SINCE 2200 HR -47 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 10,279 AF

MORMON FLA TOTAL RELEASE	45,000 CFS	2300 HR

STEWART MOUNTAIN HOUR 2300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 115.00′ ELEV 1525.00′ CONTENTS 64,816 AF AVAIL +4,949 AF
CHANGE IN CONTENTS SINCE 2200 HR +120 AF
CALCULATED UNGAUGED INFLOW 1,452 CFS
SURCHARGE CONTENTS AVAIL 2300 HR 7,807 AF

ST MTN TOTAL RELEASE	45,000 CFS	2300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,684,336 AF
AVAIL STORAGE +69,999 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2200 HR +2,054 AF
TOTAL CALCULATED UNGAUGED INFLOW 18,087 CFS

GRANITE REEF

SALT BELOW G. REEF	60,000 CFS	2300 HR
ARIZONA CANAL	270 CFS	2300 HR
SOUTH CANAL	175 CFS	2300 HR
TOTAL AT G. REEF	60,445 CFS	2300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.3 6,800 CFS 2300 HR

VERDE @ EAST VERDE GH 14.7 20,138 CFS 2300 HR

VERDE @ TANGLE CRK GH 14.1 25,000 CFS 2300 HR

VERDE BEELINE GH 0.0 0 CFS 2300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.63′ ELEV 2022.63′ CONTENTS 122,132 AF AVAIL +9,295 AF

CHANGE IN CONTENTS SINCE 2200 HR -378 AF

CALCULATED UNGAUGED INFLOW 426 CFS

SURCHARGE CONTENTS AVAIL 2300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 2300 HR

BARTLETT HOUR 2300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.55′ ELEV 1794.55′ CONTENTS 168,657 AF AVAIL +9,529 AF

CHANGE IN CONTENTS SINCE 2200 HR +813 AF

CALCULATED UNGAUGED INFLOW 4,837 CFS

SURCHARGE CONTENTS AVAIL 2300 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 2300 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +290,789 AF

AVAIL STORAGE +18,824 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2200 HR +435 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,263 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 13.0	35,000 CFS	2200 HR
SALT ROOSEVELT	GH 21.5	42,220 CFS	2200 HR
TONTO CREEK	GH 9.1	12,601 CFS	2200 HR
TOTAL INFLOW ROOSEVELT		54,821 CFS	2200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,560 AF
CURRENT GH 231.39′ ELEV 2133.34′ CONTENTS 1,336,423 AF AVAIL +45,157 AF
CHANGE IN CONTENTS SINCE 2100 HR +1,556 AF
CALCULATED UNGAUGED INFLOW 12,007 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 48,000 CFS 2200 HR

HORSE MESA HOUR 2200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.97′ ELEV 1912.97′ CONTENTS 242,411 AF AVAIL +2,727 AF
CHANGE IN CONTENTS SINCE 2100 HR +290 AF
CALCULATED UNGAUGED INFLOW 1,509 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2200 HR
HORSE MESA TUNNEL 46,000 CFS 2200 HR
TOTAL HORSE MESA RELEASE 46,000 CFS 2200 HR

MORMON FLAT HOUR 2200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.77′ ELEV 1638.77′ CONTENTS 38,752 AF AVAIL +19,100 AF
CHANGE IN CONTENTS SINCE 2100 HR +260 AF
CALCULATED UNGAUGED INFLOW 2,146 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 2200 HR

STEWART MOUNTAIN HOUR 2200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.90′ ELEV 1524.90′ CONTENTS 64,696 AF AVAIL +5,069 AF
CHANGE IN CONTENTS SINCE 2100 HR +241 AF
CALCULATED UNGAUGED INFLOW 2,916 CFS
SURCHARGE CONTENTS AVAIL 2200 HR 7,807 AF
ST MTN TOTAL RELEASE 45,000 CFS 2200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,682,282 AF
AVAIL STORAGE +72,053 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2100 HR +2,347 AF
TOTAL CALCULATED UNGAUGED INFLOW 18,578 CFS

GRANITE REEF

SALT BELOW G. REEF	60,000 CFS	2200 HR
ARIZONA CANAL	260 CFS	2200 HR
SOUTH CANAL	170 CFS	2200 HR
TOTAL AT G. REEF	60,430 CFS	2200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.6 7,420 CFS 2200 HR

VERDE @ EAST VERDE GH 15.2 21,742 CFS 2200 HR

VERDE @ TANGLE CRK GH 14.3 26,400 CFS 2200 HR

VERDE BEELINE GH 0.0 0 CFS 2200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.77′ ELEV 2022.77′ CONTENTS 122,510 AF AVAIL +8,917 AF

CHANGE IN CONTENTS SINCE 2100 HR -270 AF

CALCULATED UNGAUGED INFLOW 333 CFS

SURCHARGE CONTENTS AVAIL 2200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 2200 HR

BARTLETT HOUR 2200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 194.25′ ELEV 1794.25′ CONTENTS 167,844 AF AVAIL +10,342 AF

CHANGE IN CONTENTS SINCE 2100 HR +758 AF

CALCULATED UNGAUGED INFLOW 4,172 CFS

SURCHARGE CONTENTS AVAIL 2200 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 2200 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +290,354 AF

AVAIL STORAGE +19,259 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2100 HR +488 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,505 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 13.2	36,200 CFS	2100 HR
SALT ROOSEVELT	GH 21.6	42,775 CFS	2100 HR
TONTO CREEK	GH 9.3	13,494 CFS	2100 HR
TOTAL INFLOW ROOSEVELT		56,269 CFS	2100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.30′ ELEV 2133.25′ CONTENTS 1,334,867 AF AVAIL +46,713 AF
CHANGE IN CONTENTS SINCE 2000 HR +1,729 AF
CALCULATED UNGAUGED INFLOW 17,152 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 52,500 CFS 2100 HR

HORSE MESA HOUR 2100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.86′ ELEV 1912.86′ CONTENTS 242,121 AF AVAIL +3,017 AF
CHANGE IN CONTENTS SINCE 2000 HR +158 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 2100 HR
HORSE MESA TUNNEL 44,000 CFS 2100 HR
TOTAL HORSE MESA RELEASE 44,000 CFS 2100 HR

MORMON FLAT HOUR 2100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.44′ ELEV 1638.44′ CONTENTS 38,492 AF AVAIL +19,360 AF
CHANGE IN CONTENTS SINCE 2000 HR +110 AF
CALCULATED UNGAUGED INFLOW 2,331 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 2100 HR

STEWART MOUNTAIN HOUR 2100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.70′ ELEV 1524.70′ CONTENTS 64,455 AF AVAIL +5,310 AF
CHANGE IN CONTENTS SINCE 2000 HR +241 AF
CALCULATED UNGAUGED INFLOW 2,916 CFS
SURCHARGE CONTENTS AVAIL 2100 HR 7,807 AF
ST MTN TOTAL RELEASE 45,000 CFS 2100 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,679,935 AF
AVAIL STORAGE +74,400 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 2000 HR +2,238 AF
TOTAL CALCULATED UNGAUGED INFLOW 22,399 CFS

GRANITE REEF

SALT BELOW G. REEF	54,750 CFS	2100 HR
ARIZONA CANAL	255 CFS	2100 HR
SOUTH CANAL	170 CFS	2100 HR
TOTAL AT G. REEF	55,175 CFS	2100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2100 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.7 7,640 CFS 2100 HR

VERDE @ EAST VERDE GH 15.8 23,728 CFS 2100 HR

VERDE @ TANGLE CRK GH 14.7 29,320 CFS 2100 HR

VERDE BEELINE GH 0.0 0 CFS 2100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2100

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.87′ ELEV 2022.87′ CONTENTS 122,780 AF AVAIL +8,647 AF

CHANGE IN CONTENTS SINCE 2000 HR -80 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 2100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 2100 HR

BARTLETT HOUR 2100

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.97′ ELEV 1793.97′ CONTENTS 167,086 AF AVAIL +11,100 AF

CHANGE IN CONTENTS SINCE 2000 HR +911 AF

CALCULATED UNGAUGED INFLOW 6,023 CFS

SURCHARGE CONTENTS AVAIL 2100 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 2100 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +289,866 AF

AVAIL STORAGE +19,747 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 2000 HR +831 AF

TOTAL CALCULATED UNGAUGED INFLOW 6,023 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2000 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.5	32,000 CFS	2000 HR
SALT ROOSEVELT	GH 21.5	42,220 CFS	2000 HR
TONTO CREEK	GH 9.6	14,864 CFS	2000 HR
TOTAL INFLOW ROOSEVELT		57,084 CFS	2000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 2000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 231.20′ ELEV 2133.15′ CONTENTS 1,333,138 AF AVAIL +48,442 AF
CHANGE IN CONTENTS SINCE 1900 HR +4,321 AF
CALCULATED UNGAUGED INFLOW 47,700 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	52,500 CFS	2000 HR

HORSE MESA HOUR 2000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.80′ ELEV 1912.80′ CONTENTS 241,963 AF AVAIL +3,175 AF
CHANGE IN CONTENTS SINCE 1900 HR -27 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	2000 HR
HORSE MESA TUNNEL	44,000 CFS	2000 HR
TOTAL HORSE MESA RELEASE	44,000 CFS	2000 HR

MORMON FLAT HOUR 2000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.30′ ELEV 1638.30′ CONTENTS 38,382 AF AVAIL +19,470 AF
CHANGE IN CONTENTS SINCE 1900 HR +267 AF
CALCULATED UNGAUGED INFLOW 4,231 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 10,279 AF

MORMON FLA TOTAL RELEASE	45,000 CFS	2000 HR

STEWART MOUNTAIN HOUR 2000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.50′ ELEV 1524.50′ CONTENTS 64,214 AF AVAIL +5,551 AF
CHANGE IN CONTENTS SINCE 1900 HR +361 AF
CALCULATED UNGAUGED INFLOW 4,368 CFS
SURCHARGE CONTENTS AVAIL 2000 HR 7,807 AF

ST MTN TOTAL RELEASE	45,000 CFS	2000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,677,697 AF
AVAIL STORAGE +76,638 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1900 HR +4,922 AF
TOTAL CALCULATED UNGAUGED INFLOW 56,299 CFS

GRANITE REEF

SALT BELOW G. REEF	49,800 CFS	2000 HR
ARIZONA CANAL	255 CFS	2000 HR
SOUTH CANAL	151 CFS	2000 HR
TOTAL AT G. REEF	50,206 CFS	2000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 2000 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.9 8,080 CFS 2000 HR

VERDE @ EAST VERDE GH 16.2 25,088 CFS 2000 HR

VERDE @ TANGLE CRK GH 14.9 30,840 CFS 2000 HR

VERDE BEELINE GH 0.0 0 CFS 2000 HR

VERDE RESERVOIRS

HORSESHOE HOUR 2000

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.90′ ELEV 2022.90′ CONTENTS 122,860 AF AVAIL +8,567 AF

CHANGE IN CONTENTS SINCE 1900 HR +404 AF

CALCULATED UNGAUGED INFLOW 4,048 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 2000 HR

BARTLETT HOUR 2000

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.63′ ELEV 1793.63′ CONTENTS 166,175 AF AVAIL +12,011 AF

CHANGE IN CONTENTS SINCE 1900 HR +776 AF

CALCULATED UNGAUGED INFLOW 4,390 CFS

SURCHARGE CONTENTS AVAIL 2000 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 2000 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +289,035 AF

AVAIL STORAGE +20,578 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1900 HR +1,180 AF

TOTAL CALCULATED UNGAUGED INFLOW 8,438 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1900 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.1	29,600 CFS	1900 HR
SALT ROOSEVELT	GH 22.1	45,550 CFS	1900 HR
TONTO CREEK	GH 11.1	22,536 CFS	1900 HR
TOTAL INFLOW ROOSEVELT		68,086 CFS	1900 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1900

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.95′ ELEV 2132.90′ CONTENTS 1,328,817 AF AVAIL +52,763 AF
CHANGE IN CONTENTS SINCE 1800 HR +3,973 AF
CALCULATED UNGAUGED INFLOW 32,487 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 52,500 CFS 1900 HR

HORSE MESA HOUR 1900

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.81′ ELEV 1912.81′ CONTENTS 241,990 AF AVAIL +3,148 AF
CHANGE IN CONTENTS SINCE 1800 HR -579 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1900 HR
HORSE MESA TUNNEL	44,000 CFS	1900 HR
TOTAL HORSE MESA RELEASE	44,000 CFS	1900 HR

MORMON FLAT HOUR 1900

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 118.96′ ELEV 1637.96′ CONTENTS 38,115 AF AVAIL +19,737 AF
CHANGE IN CONTENTS SINCE 1800 HR -692 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 10,279 AF
MORMON FLA TOTAL RELEASE 45,000 CFS 1900 HR

STEWART MOUNTAIN HOUR 1900

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.20′ ELEV 1524.20′ CONTENTS 63,853 AF AVAIL +5,912 AF
CHANGE IN CONTENTS SINCE 1800 HR -241 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1900 HR 7,807 AF
ST MTN TOTAL RELEASE 45,000 CFS 1900 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,672,775 AF
AVAIL STORAGE	+81,560 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1800 HR	+2,461 AF
TOTAL CALCULATED UNGAUGED INFLOW	32,487 CFS

GRANITE REEF

SALT BELOW G. REEF	44,800 CFS	1900 HR
ARIZONA CANAL	270 CFS	1900 HR
SOUTH CANAL	145 CFS	1900 HR
TOTAL AT G. REEF	45,215 CFS	1900 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1900 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.0 8,300 CFS 1900 HR

VERDE @ EAST VERDE GH 16.6 26,484 CFS 1900 HR

VERDE @ TANGLE CRK GH 15.0 31,600 CFS 1900 HR

VERDE BEELINE GH 0.0 0 CFS 1900 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1900

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.75′ ELEV 2022.75′ CONTENTS 122,456 AF AVAIL +8,971 AF

CHANGE IN CONTENTS SINCE 1800 HR +674 AF

CALCULATED UNGAUGED INFLOW 6,555 CFS

SURCHARGE CONTENTS AVAIL 1900 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 1900 HR

BARTLETT HOUR 1900

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.34′ ELEV 1793.34′ CONTENTS 165,399 AF AVAIL +12,787 AF

CHANGE IN CONTENTS SINCE 1800 HR +643 AF

CALCULATED UNGAUGED INFLOW 2,780 CFS

SURCHARGE CONTENTS AVAIL 1900 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 1900 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +287,855 AF

AVAIL STORAGE +21,758 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1800 HR +1,317 AF

TOTAL CALCULATED UNGAUGED INFLOW 9,335 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1800 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 12.6	32,600 CFS	1800 HR
SALT ROOSEVELT	GH 22.4	47,215 CFS	1800 HR
TONTO CREEK	GH 11.6	25,376 CFS	1800 HR
TOTAL INFLOW ROOSEVELT		72,591 CFS	1800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.72′ ELEV 2132.67′ CONTENTS 1,324,844 AF AVAIL +56,736 AF
CHANGE IN CONTENTS SINCE 1700 HR +5,871 AF
CALCULATED UNGAUGED INFLOW 24,698 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	26,250 CFS	1800 HR

HORSE MESA HOUR 1800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.03′ ELEV 1913.03′ CONTENTS 242,569 AF AVAIL +2,569 AF
CHANGE IN CONTENTS SINCE 1700 HR -424 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1800 HR
HORSE MESA TUNNEL	29,000 CFS	1800 HR
TOTAL HORSE MESA RELEASE	29,000 CFS	1800 HR

MORMON FLAT HOUR 1800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.84′ ELEV 1638.84′ CONTENTS 38,807 AF AVAIL +19,045 AF
CHANGE IN CONTENTS SINCE 1700 HR -373 AF
CALCULATED UNGAUGED INFLOW 1,487 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 10,279 AF

MORMON FLA TOTAL RELEASE	35,000 CFS	1800 HR

STEWART MOUNTAIN HOUR 1800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.40′ ELEV 1524.40′ CONTENTS 64,094 AF AVAIL +5,671 AF
CHANGE IN CONTENTS SINCE 1700 HR +0 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1800 HR 7,807 AF

ST MTN TOTAL RELEASE	35,000 CFS	1800 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,670,314 AF
AVAIL STORAGE +84,021 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1700 HR +5,074 AF
TOTAL CALCULATED UNGAUGED INFLOW 26,185 CFS

GRANITE REEF

SALT BELOW G. REEF	41,200 CFS	1800 HR
ARIZONA CANAL	265 CFS	1800 HR
SOUTH CANAL	135 CFS	1800 HR
TOTAL AT G. REEF	41,600 CFS	1800 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1800 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.2 8,780 CFS 1800 HR

VERDE @ EAST VERDE GH 17.2 28,612 CFS 1800 HR

VERDE @ TANGLE CRK GH 15.4 34,960 CFS 1800 HR

VERDE BEELINE GH 0.0 0 CFS 1800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.50′ ELEV 2022.50′ CONTENTS 121,782 AF AVAIL +9,645 AF

CHANGE IN CONTENTS SINCE 1700 HR +485 AF

CALCULATED UNGAUGED INFLOW 909 CFS

SURCHARGE CONTENTS AVAIL 1800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 30,000 CFS 1800 HR

BARTLETT HOUR 1800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.10′ ELEV 1793.10′ CONTENTS 164,756 AF AVAIL +13,430 AF

CHANGE IN CONTENTS SINCE 1700 HR +612 AF

CALCULATED UNGAUGED INFLOW 2,405 CFS

SURCHARGE CONTENTS AVAIL 1800 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 1800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +286,538 AF

AVAIL STORAGE +23,075 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1700 HR +1,097 AF

TOTAL CALCULATED UNGAUGED INFLOW 3,314 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1700 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 11.0	24,000 CFS	1700 HR
SALT ROOSEVELT	GH 23.1	51,328 CFS	1700 HR
TONTO CREEK	GH 11.9	27,145 CFS	1700 HR
TOTAL INFLOW ROOSEVELT		78,473 CFS	1700 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1700

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 230.38′ ELEV 2132.33′ CONTENTS 1,318,973 AF AVAIL +62,607 AF
CHANGE IN CONTENTS SINCE 1600 HR +7,081 AF
CALCULATED UNGAUGED INFLOW 33,457 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 26,250 CFS 1700 HR

HORSE MESA HOUR 1700

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.19′ ELEV 1913.19′ CONTENTS 242,993 AF AVAIL +2,145 AF
CHANGE IN CONTENTS SINCE 1600 HR -318 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		0 CFS	1700 HR
HORSE MESA TUNNEL		29,000 CFS	1700 HR
TOTAL HORSE MESA RELEASE		29,000 CFS	1700 HR

MORMON FLAT HOUR 1700

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.31′ ELEV 1639.31′ CONTENTS 39,180 AF AVAIL +18,672 AF
CHANGE IN CONTENTS SINCE 1600 HR -446 AF
CALCULATED UNGAUGED INFLOW 603 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 10,279 AF
MORMON FLA TOTAL RELEASE 35,000 CFS 1700 HR

STEWART MOUNTAIN HOUR 1700

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.40′ ELEV 1524.40′ CONTENTS 64,094 AF AVAIL +5,671 AF
CHANGE IN CONTENTS SINCE 1600 HR +121 AF
CALCULATED UNGAUGED INFLOW 1,464 CFS
SURCHARGE CONTENTS AVAIL 1700 HR 7,807 AF
ST MTN TOTAL RELEASE 35,000 CFS 1700 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,665,240 AF
AVAIL STORAGE +89,095 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1600 HR +6,438 AF
TOTAL CALCULATED UNGAUGED INFLOW 35,524 CFS

GRANITE REEF

SALT BELOW G. REEF		36,760 CFS	1700 HR
ARIZONA CANAL		314 CFS	1700 HR
SOUTH CANAL		133 CFS	1700 HR
TOTAL AT G. REEF		37,207 CFS	1700 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1700 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.5 9,500 CFS 1700 HR

VERDE @ EAST VERDE GH 17.3 28,978 CFS 1700 HR

VERDE @ TANGLE CRK GH 15.5 35,800 CFS 1700 HR

VERDE BEELINE GH 0.0 0 CFS 1700 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1700

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 122.32′ ELEV 2022.32′ CONTENTS 121,297 AF AVAIL +10,130 AF

CHANGE IN CONTENTS SINCE 1600 HR +943 AF

CALCULATED UNGAUGED INFLOW 5,314 CFS

SURCHARGE CONTENTS AVAIL 1700 HR 17,576 AF

HORSESHOE TOTAL RELEASE 29,704 CFS 1700 HR

BARTLETT HOUR 1700

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 192.87′ ELEV 1792.87′ CONTENTS 164,144 AF AVAIL +14,042 AF

CHANGE IN CONTENTS SINCE 1600 HR +26 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1700 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 1700 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +285,441 AF

AVAIL STORAGE +24,172 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1600 HR +969 AF

TOTAL CALCULATED UNGAUGED INFLOW 5,314 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1600 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 10.3	20,500 CFS	1600 HR
SALT ROOSEVELT	GH 22.0	44,995 CFS	1600 HR
TONTO CREEK	GH 13.0	34,034 CFS	1600 HR
TOTAL INFLOW ROOSEVELT		79,029 CFS	1600 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1600

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.97′ ELEV 2131.92′ CONTENTS 1,311,892 AF AVAIL +69,688 AF
CHANGE IN CONTENTS SINCE 1500 HR +6,559 AF
CALCULATED UNGAUGED INFLOW 22,835 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	22,500 CFS	1600 HR

HORSE MESA HOUR 1600

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.31′ ELEV 1913.31′ CONTENTS 243,311 AF AVAIL +1,827 AF
CHANGE IN CONTENTS SINCE 1500 HR -53 AF
CALCULATED UNGAUGED INFLOW 859 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1600 HR
HORSE MESA TUNNEL	24,000 CFS	1600 HR
TOTAL HORSE MESA RELEASE	24,000 CFS	1600 HR

MORMON FLAT HOUR 1600

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 120.87′ ELEV 1639.87′ CONTENTS 39,626 AF AVAIL +18,226 AF
CHANGE IN CONTENTS SINCE 1500 HR -336 AF
CALCULATED UNGAUGED INFLOW 1,934 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 10,279 AF

MORMON FLA TOTAL RELEASE	30,000 CFS	1600 HR

STEWART MOUNTAIN HOUR 1600

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.30′ ELEV 1524.30′ CONTENTS 63,973 AF AVAIL +5,792 AF
CHANGE IN CONTENTS SINCE 1500 HR +120 AF
CALCULATED UNGAUGED INFLOW 1,452 CFS
SURCHARGE CONTENTS AVAIL 1600 HR 7,807 AF

ST MTN TOTAL RELEASE	30,000 CFS	1600 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,658,802 AF
AVAIL STORAGE	+95,533 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1500 HR	+6,290 AF
TOTAL CALCULATED UNGAUGED INFLOW	27,080 CFS

GRANITE REEF

SALT BELOW G. REEF	32,350 CFS	1600 HR
ARIZONA CANAL	0 CFS	1600 HR
SOUTH CANAL	125 CFS	1600 HR
TOTAL AT G. REEF	32,475 CFS	1600 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1600 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.8 10,280 CFS 1600 HR

VERDE @ EAST VERDE GH 17.8 30,808 CFS 1600 HR

VERDE @ TANGLE CRK GH 15.4 34,960 CFS 1600 HR

VERDE BEELINE GH 0.0 0 CFS 1600 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1600

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.97′ ELEV 2021.97′ CONTENTS 120,354 AF AVAIL +11,073 AF

CHANGE IN CONTENTS SINCE 1500 HR +1,384 AF

CALCULATED UNGAUGED INFLOW 1,228 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 17,576 AF

HORSESHOE TOTAL RELEASE 19,442 CFS 1600 HR

BARTLETT HOUR 1600

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 192.86′ ELEV 1792.86′ CONTENTS 164,118 AF AVAIL +14,068 AF

CHANGE IN CONTENTS SINCE 1500 HR +133 AF

CALCULATED UNGAUGED INFLOW 7,107 CFS

SURCHARGE CONTENTS AVAIL 1600 HR 14,483 AF

BARTLETT TOTAL RELEASE 24,940 CFS 1600 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +284,472 AF

AVAIL STORAGE +25,141 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1500 HR +1,517 AF

TOTAL CALCULATED UNGAUGED INFLOW 8,335 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1500 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.9	18,600 CFS	1500 HR
SALT ROOSEVELT	GH 20.7	38,077 CFS	1500 HR
TONTO CREEK	GH 16.5	60,100 CFS	1500 HR
TOTAL INFLOW ROOSEVELT		98,177 CFS	1500 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1500

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.59′ ELEV 2131.54′ CONTENTS 1,305,333 AF AVAIL +76,247 AF
CHANGE IN CONTENTS SINCE 1400 HR +5,523 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 173,805 AF

ROOSEVELT TOTAL RELEASE	22,500 CFS	1500 HR

HORSE MESA HOUR 1500

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.33′ ELEV 1913.33′ CONTENTS 243,364 AF AVAIL +1,774 AF
CHANGE IN CONTENTS SINCE 1400 HR +53 AF
CALCULATED UNGAUGED INFLOW 2,141 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1500 HR
HORSE MESA TUNNEL	24,000 CFS	1500 HR
TOTAL HORSE MESA RELEASE	24,000 CFS	1500 HR

MORMON FLAT HOUR 1500

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.29′ ELEV 1640.29′ CONTENTS 39,962 AF AVAIL +17,890 AF
CHANGE IN CONTENTS SINCE 1400 HR -81 AF
CALCULATED UNGAUGED INFLOW 5,020 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 10,279 AF

MORMON FLA TOTAL RELEASE	30,000 CFS	1500 HR

STEWART MOUNTAIN HOUR 1500

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.20′ ELEV 1524.20′ CONTENTS 63,853 AF AVAIL +5,912 AF
CHANGE IN CONTENTS SINCE 1400 HR -120 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1500 HR 7,807 AF

ST MTN TOTAL RELEASE	30,000 CFS	1500 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,652,512 AF
AVAIL STORAGE	+101,823 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1400 HR	+5,375 AF
TOTAL CALCULATED UNGAUGED INFLOW	7,161 CFS

GRANITE REEF

SALT BELOW G. REEF	25,850 CFS	1500 HR
ARIZONA CANAL	299 CFS	1500 HR
SOUTH CANAL	157 CFS	1500 HR
TOTAL AT G. REEF	26,306 CFS	1500 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1500 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 11.0 10,800 CFS 1500 HR

VERDE @ EAST VERDE GH 17.9 31,174 CFS 1500 HR

VERDE @ TANGLE CRK GH 16.2 34,018 CFS 1500 HR

VERDE BEELINE GH 0.0 0 CFS 1500 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1500

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 121.45′ ELEV 2021.45′ CONTENTS 118,970 AF AVAIL +12,457 AF

CHANGE IN CONTENTS SINCE 1400 HR +1,408 AF

CALCULATED UNGAUGED INFLOW 2,019 CFS

SURCHARGE CONTENTS AVAIL 1500 HR 17,576 AF

HORSESHOE TOTAL RELEASE 19,000 CFS 1500 HR

BARTLETT HOUR 1500

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 192.81′ ELEV 1792.81′ CONTENTS 163,985 AF AVAIL +14,201 AF

CHANGE IN CONTENTS SINCE 1400 HR +291 AF

CALCULATED UNGAUGED INFLOW 9,521 CFS

SURCHARGE CONTENTS AVAIL 1500 HR 14,483 AF

BARTLETT TOTAL RELEASE 25,000 CFS 1500 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +282,955 AF

AVAIL STORAGE +26,658 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1400 HR +1,699 AF

TOTAL CALCULATED UNGAUGED INFLOW 11,540 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1400 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.5	17,000 CFS	1400 HR
SALT ROOSEVELT	GH 19.0	29,930 CFS	1400 HR
TONTO CREEK	GH 16.5	60,100 CFS	1400 HR
TOTAL INFLOW ROOSEVELT		90,030 CFS	1400 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1400

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 229.27′ ELEV 2131.22′ CONTENTS 1,299,810 AF AVAIL +81,770 AF
CHANGE IN CONTENTS SINCE 1300 HR +6,211 AF
CALCULATED UNGAUGED INFLOW 6,623 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 21,500 CFS 1400 HR

HORSE MESA HOUR 1400

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.31′ ELEV 1913.31′ CONTENTS 243,311 AF AVAIL +1,827 AF
CHANGE IN CONTENTS SINCE 1300 HR +424 AF
CALCULATED UNGAUGED INFLOW 2,630 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1400 HR
HORSE MESA TUNNEL 19,000 CFS 1400 HR
TOTAL HORSE MESA RELEASE 19,000 CFS 1400 HR

MORMON FLAT HOUR 1400

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.39′ ELEV 1640.39′ CONTENTS 40,043 AF AVAIL +17,809 AF
CHANGE IN CONTENTS SINCE 1300 HR -491 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 10,279 AF
MORMON FLA TOTAL RELEASE 20,000 CFS 1400 HR

STEWART MOUNTAIN HOUR 1400

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.30′ ELEV 1524.30′ CONTENTS 63,973 AF AVAIL +5,792 AF
CHANGE IN CONTENTS SINCE 1300 HR +241 AF
CALCULATED UNGAUGED INFLOW 2,916 CFS
SURCHARGE CONTENTS AVAIL 1400 HR 7,807 AF
ST MTN TOTAL RELEASE 20,000 CFS 1400 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,647,137 AF
AVAIL STORAGE +107,198 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1300 HR +6,385 AF
TOTAL CALCULATED UNGAUGED INFLOW 12,169 CFS

GRANITE REEF

SALT BELOW G. REEF	22,375 CFS	1400 HR
ARIZONA CANAL	270 CFS	1400 HR
SOUTH CANAL	125 CFS	1400 HR
TOTAL AT G. REEF	22,770 CFS	1400 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1400 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.9 10,540 CFS 1400 HR

VERDE @ EAST VERDE GH 18.1 31,921 CFS 1400 HR

VERDE @ TANGLE CRK GH 16.1 33,209 CFS 1400 HR

VERDE BEELINE GH 0.0 0 CFS 1400 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1400

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.92′ ELEV 2020.92′ CONTENTS 117,562 AF AVAIL +13,865 AF

CHANGE IN CONTENTS SINCE 1300 HR +1,393 AF

CALCULATED UNGAUGED INFLOW 2,646 CFS

SURCHARGE CONTENTS AVAIL 1400 HR 17,576 AF

HORSESHOE TOTAL RELEASE 19,000 CFS 1400 HR

BARTLETT HOUR 1400

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 192.70′ ELEV 1792.70′ CONTENTS 163,694 AF AVAIL +14,492 AF

CHANGE IN CONTENTS SINCE 1300 HR -185 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1400 HR 14,483 AF

BARTLETT TOTAL RELEASE 19,400 CFS 1400 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +281,256 AF

AVAIL STORAGE +28,357 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1300 HR +1,208 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,646 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1300 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.3	16,200 CFS	1300 HR
SALT ROOSEVELT	GH 16.9	21,352 CFS	1300 HR
TONTO CREEK	GH 16.5	60,100 CFS	1300 HR
TOTAL INFLOW ROOSEVELT		81,452 CFS	1300 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1300

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.91′ ELEV 2130.86′ CONTENTS 1,293,599 AF AVAIL +87,981 AF
CHANGE IN CONTENTS SINCE 1200 HR +4,996 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 173,805 AF

ROOSEVELT TOTAL RELEASE		19,000 CFS	1300 HR

HORSE MESA HOUR 1300

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.15′ ELEV 1913.15′ CONTENTS 242,887 AF AVAIL +2,251 AF
CHANGE IN CONTENTS SINCE 1200 HR +106 AF
CALCULATED UNGAUGED INFLOW 1,283 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE		0 CFS	1300 HR
HORSE MESA TUNNEL		19,000 CFS	1300 HR
TOTAL HORSE MESA RELEASE		19,000 CFS	1300 HR

MORMON FLAT HOUR 1300

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.00′ ELEV 1641.00′ CONTENTS 40,534 AF AVAIL +17,318 AF
CHANGE IN CONTENTS SINCE 1200 HR -651 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 10,279 AF

MORMON FLA TOTAL RELEASE		20,000 CFS	1300 HR

STEWART MOUNTAIN HOUR 1300

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.10′ ELEV 1524.10′ CONTENTS 63,732 AF AVAIL +6,033 AF
CHANGE IN CONTENTS SINCE 1200 HR +120 AF
CALCULATED UNGAUGED INFLOW 1,452 CFS
SURCHARGE CONTENTS AVAIL 1300 HR 7,807 AF

ST MTN TOTAL RELEASE		20,000 CFS	1300 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,640,752 AF
AVAIL STORAGE	+113,583 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1200 HR	+4,571 AF
TOTAL CALCULATED UNGAUGED INFLOW	2,735 CFS

GRANITE REEF

SALT BELOW G. REEF		18,100 CFS	1300 HR
ARIZONA CANAL		270 CFS	1300 HR
SOUTH CANAL		125 CFS	1300 HR
TOTAL AT G. REEF		18,495 CFS	1300 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1300 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.6 9,760 CFS 1300 HR

VERDE @ EAST VERDE GH 18.0 35,500 CFS 1300 HR

VERDE @ TANGLE CRK GH 16.0 32,400 CFS 1300 HR

VERDE BEELINE GH 0.0 0 CFS 1300 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1300

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 120.39′ ELEV 2020.39′ CONTENTS 116,169 AF AVAIL +15,258 AF

CHANGE IN CONTENTS SINCE 1200 HR +1,855 AF

CALCULATED UNGAUGED INFLOW 9,046 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 17,576 AF

HORSESHOE TOTAL RELEASE 19,000 CFS 1300 HR

BARTLETT HOUR 1300

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 192.77′ ELEV 1792.77′ CONTENTS 163,879 AF AVAIL +14,307 AF

CHANGE IN CONTENTS SINCE 1200 HR -1,064 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1300 HR 14,483 AF

BARTLETT TOTAL RELEASE 19,400 CFS 1300 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +280,048 AF

AVAIL STORAGE +29,565 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR +791 AF

TOTAL CALCULATED UNGAUGED INFLOW 9,046 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1200 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 9.3	16,200 CFS	1200 HR
SALT ROOSEVELT	GH 15.8	17,466 CFS	1200 HR
TONTO CREEK	GH 16.0	55,969 CFS	1200 HR
TOTAL INFLOW ROOSEVELT		73,435 CFS	1200 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1200

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.62′ ELEV 2130.57′ CONTENTS 1,288,603 AF AVAIL +92,977 AF
CHANGE IN CONTENTS SINCE 1100 HR +4,652 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 7,500 CFS 1200 HR

HORSE MESA HOUR 1200

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.11′ ELEV 1913.11′ CONTENTS 242,781 AF AVAIL +2,357 AF
CHANGE IN CONTENTS SINCE 1100 HR +291 AF
CALCULATED UNGAUGED INFLOW 3,421 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1200 HR
HORSE MESA TUNNEL	7,400 CFS	1200 HR
TOTAL HORSE MESA RELEASE	7,400 CFS	1200 HR

MORMON FLAT HOUR 1200

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.80′ ELEV 1641.80′ CONTENTS 41,185 AF AVAIL +16,667 AF
CHANGE IN CONTENTS SINCE 1100 HR -245 AF
CALCULATED UNGAUGED INFLOW 9,736 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 10,279 AF
MORMON FLA TOTAL RELEASE 20,100 CFS 1200 HR

STEWART MOUNTAIN HOUR 1200

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 114.00′ ELEV 1524.00′ CONTENTS 63,612 AF AVAIL +6,153 AF
CHANGE IN CONTENTS SINCE 1100 HR +178 AF
CALCULATED UNGAUGED INFLOW 2,054 CFS
SURCHARGE CONTENTS AVAIL 1200 HR 7,807 AF
ST MTN TOTAL RELEASE 20,000 CFS 1200 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,636,181 AF
AVAIL STORAGE	+118,154 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 1100 HR	+4,876 AF
TOTAL CALCULATED UNGAUGED INFLOW	15,211 CFS

GRANITE REEF

SALT BELOW G. REEF	5,200 CFS	1200 HR
ARIZONA CANAL	0 CFS	1200 HR
SOUTH CANAL	125 CFS	1200 HR
TOTAL AT G. REEF	5,325 CFS	1200 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1200 PERIOD 1.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 10.1 8,540 CFS 1200 HR

VERDE @ EAST VERDE GH 17.6 33,708 CFS 1200 HR

VERDE @ TANGLE CRK GH 16.1 33,209 CFS 1200 HR

VERDE BEELINE GH 0.0 0 CFS 1200 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1200

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 119.68′ ELEV 2019.68′ CONTENTS 114,314 AF AVAIL +17,113 AF

CHANGE IN CONTENTS SINCE 1100 HR +2,841 AF

CALCULATED UNGAUGED INFLOW 2,817 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 17,576 AF

HORSESHOE TOTAL RELEASE 1,650 CFS 1200 HR

BARTLETT HOUR 1200

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.17′ ELEV 1793.17′ CONTENTS 164,943 AF AVAIL +13,243 AF

CHANGE IN CONTENTS SINCE 1100 HR -482 AF

CALCULATED UNGAUGED INFLOW 7,518 CFS

SURCHARGE CONTENTS AVAIL 1200 HR 14,483 AF

BARTLETT TOTAL RELEASE ~~15,000~~ 19,400 CFS 1200 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +279,257 AF

AVAIL STORAGE +30,356 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1100 HR +2,359 AF

TOTAL CALCULATED UNGAUGED INFLOW 10,335 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1100 PERIOD 1.0 HR

SALT RIVER

SALT RIVER CANYON	GH 8.9	14,650 CFS	1100 HR
SALT ROOSEVELT	GH 14.6	13,698 CFS	1100 HR
TONTO CREEK	GH 15.5	52,000 CFS	1100 HR (EST)
TOTAL INFLOW ROOSEVELT		65,698 CFS	1100 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1100

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.35′ ELEV 2130.30′ CONTENTS 1,283,951 AF AVAIL +97,629 AF
CHANGE IN CONTENTS SINCE 1000 HR +3,963 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 7,400 CFS 1100 HR

HORSE MESA HOUR 1100

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 263.00′ ELEV 1913.00′ CONTENTS 242,490 AF AVAIL +2,648 AF
CHANGE IN CONTENTS SINCE 1000 HR +79 AF
CALCULATED UNGAUGED INFLOW 956 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	1100 HR
HORSE MESA TUNNEL	7,400 CFS	1100 HR
TOTAL HORSE MESA RELEASE	7,400 CFS	1100 HR

MORMON FLAT HOUR 1100

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 123.10′ ELEV 1642.10′ CONTENTS 41,430 AF AVAIL +16,422 AF
CHANGE IN CONTENTS SINCE 1000 HR +253 AF
CALCULATED UNGAUGED INFLOW 10,501 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 10,279 AF
MORMON FLA TOTAL RELEASE 14,840 CFS 1100 HR

STEWART MOUNTAIN HOUR 1100

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.85′ ELEV 1523.85′ CONTENTS 63,434 AF AVAIL +6,331 AF
CHANGE IN CONTENTS SINCE 1000 HR +179 AF
CALCULATED UNGAUGED INFLOW 2,326 CFS
SURCHARGE CONTENTS AVAIL 1100 HR 7,807 AF
ST MTN TOTAL RELEASE 15,000 CFS 1100 HR

COMBINED RESERVOIR SUMMARY — SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,631,305 AF
AVAIL STORAGE +123,030 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1000 HR +4,474 AF
TOTAL CALCULATED UNGAUGED INFLOW 13,783 CFS

GRANITE REEF

SALT BELOW G. REEF	1,810 CFS	1100 HR
ARIZONA CANAL	0 CFS	1100 HR
SOUTH CANAL	125 CFS	1100 HR
TOTAL AT G. REEF	1,935 CFS	1100 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1100 PERIOD 3.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 9.9 8,080 CFS 1100 HR

VERDE @ EAST VERDE GH 16.8 30,124 CFS 1100 HR (EST)

VERDE @ TANGLE CRK GH 15.9 31,716 CFS 1100 HR

VERDE BEELINE GH 0.0 0 CFS 1100 HR

VERDE RESERVOIRS

HORSESHOE HOUR 1100

MAXIMUM GH 126.00' ELEV 2026.00' CAPACITY 131,427 AF
CURRENT GH 118.58' ELEV 2018.58' CONTENTS 111,473 AF AVAIL +19,954 AF

CHANGE IN CONTENTS SINCE 800 HR +6,216 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1100 HR 17,576 AF

HORSESHOE TOTAL RELEASE 1,650 CFS 1100 HR

BARTLETT HOUR 1100

MAXIMUM GH 198.00' ELEV 1798.00' CAPACITY 178,186 AF
CURRENT GH 193.35' ELEV 1793.35' CONTENTS 165,425 AF AVAIL +12,761 AF
↑ @ 1130

CHANGE IN CONTENTS SINCE 800 HR -215 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 1100 HR 14,483 AF

BARTLETT TOTAL RELEASE ~~0~~ 4400 CFS 1100 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +276,898 AF

AVAIL STORAGE +32,715 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR +6,001 AF

TOTAL CALCULATED UNGAUGED INFLOW 0 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 1000 PERIOD 2.0 HR

SALT RIVER

SALT RIVER CANYON	GH 7.6	10,200 CFS	1000 HR
SALT ROOSEVELT	GH 13.1	9,460 CFS	1000 HR
TONTO CREEK	GH 15.0	48,161 CFS	1000 HR(EST.)
TOTAL INFLOW ROOSEVELT		57,621 CFS	1000 HR

SALT RESERVOIRS

ROOSEVELT HOUR 1000

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 228.12′ ELEV 2130.07′ CONTENTS 1,279,988 AF AVAIL+101,592 AF
CHANGE IN CONTENTS SINCE 800 HR +5,480 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 7,400 CFS 1000 HR

HORSE MESA HOUR 1000

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.97′ ELEV 1912.97′ CONTENTS 242,411 AF AVAIL +2,727 AF
CHANGE IN CONTENTS SINCE 800 HR +316 AF
CALCULATED UNGAUGED INFLOW 1,912 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 1000 HR
HORSE MESA TUNNEL 7,400 CFS 1000 HR
TOTAL HORSE MESA RELEASE 7,400 CFS 1000 HR

MORMON FLAT HOUR 1000

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 122.79′ ELEV 1641.79′ CONTENTS 41,177 AF AVAIL +16,675 AF
CHANGE IN CONTENTS SINCE 800 HR +1,231 AF
CALCULATED UNGAUGED INFLOW 14,888 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 10,279 AF
MORMON FLA TOTAL RELEASE 14,840 CFS 1000 HR

STEWART MOUNTAIN HOUR 1000

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 113.70′ ELEV 1523.70′ CONTENTS 63,255 AF AVAIL +6,510 AF
CHANGE IN CONTENTS SINCE 800 HR +1,304 AF
CALCULATED UNGAUGED INFLOW 8,049 CFS
SURCHARGE CONTENTS AVAIL 1000 HR 7,807 AF
ST MTN TOTAL RELEASE 15,000 CFS 1000 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,626,831 AF
AVAIL STORAGE	+127,504 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 800 HR	+8,331 AF
TOTAL CALCULATED UNGAUGED INFLOW	24,849 CFS

GRANITE REEF

SALT BELOW G. REEF	625 CFS	1000 HR
ARIZONA CANAL	0 CFS	1000 HR
SOUTH CANAL	125 CFS	1000 HR
TOTAL AT G. REEF	750 CFS	1000 HR

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/17/78 HOUR 800 PERIOD 24.0 HR

VERDE RIVER

VERDE @ CAMP VERDE GH 4.8 470 CFS 800 HR

VERDE @ EAST VERDE GH 13.2 15,100 CFS 800 HR

VERDE @ TANGLE CRK GH 12.9 15,090 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 116.12′ ELEV 2016.12′ CONTENTS 105,257 AF AVAIL +26,170 AF

CHANGE IN CONTENTS SINCE 800 HR +2,030 AF

CALCULATED UNGAUGED INFLOW 0 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 1,650 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.43′ ELEV 1793.43′ CONTENTS 165,640 AF AVAIL +12,546 AF

CHANGE IN CONTENTS SINCE 800 HR -294 AF

CALCULATED UNGAUGED INFLOW 2,602 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 4,400 CFS 800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +270,897 AF

AVAIL STORAGE +38,716 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 800 HR +1,736 AF

TOTAL CALCULATED UNGAUGED INFLOW 2,602 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/17/79 HOUR 800 PERIOD 24.4 HR

SALT RIVER

SALT RIVER CANYON	GH 5.9	5,600 CFS	800 HR	
SALT ROOSEVELT	GH 10.8	3,862 CFS	800 HR	
TONTO CREEK	GH 0.7	0 CFS	800 HR	
TOTAL INFLOW ROOSEVELT		3,862 CFS	800 HR	

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 227.80′ ELEV 2129.75′ CONTENTS 1,274,508 AF AVAIL+107,072 AF
CHANGE IN CONTENTS SINCE 800 HR +18,561 AF
CALCULATED UNGAUGED INFLOW 7,996 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 2,500 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.85′ ELEV 1912.85′ CONTENTS 242,095 AF AVAIL +3,043 AF
CHANGE IN CONTENTS SINCE 800 HR +948 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF

HORSE MESA SPILLWAY RELEASE	0 CFS	800 HR
HORSE MESA TUNNEL	0 CFS	800 HR
TOTAL HORSE MESA RELEASE	0 CFS	800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 121.27′ ELEV 1640.27′ CONTENTS 39,946 AF AVAIL +17,906 AF
CHANGE IN CONTENTS SINCE 800 HR +1,021 AF
CALCULATED UNGAUGED INFLOW 515 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF

MORMON FLA TOTAL RELEASE	0 CFS	800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 112.60′ ELEV 1522.60′ CONTENTS 61,951 AF AVAIL +7,814 AF
CHANGE IN CONTENTS SINCE 800 HR +1,055 AF
CALCULATED UNGAUGED INFLOW 532 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF

ST MTN TOTAL RELEASE	0 CFS	800 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY	+1,754,335 AF
PRESENT CONTENTS	+1,618,500 AF
AVAIL STORAGE	+135,835 AF
SURCHARGE AVAIL	+208,101 AF
STORAGE CHANGE SINCE 800 HR	+21,585 AF
TOTAL CALCULATED UNGAUGED INFLOW	9,043 CFS

GRANITE REEF

SALT BELOW G. REEF	375 CFS	800 HR	
ARIZONA CANAL	309 CFS	800 HR	
SOUTH CANAL	150 CFS	800 HR	
TOTAL AT G. REEF	834 CFS	800 HR	

SRP OPERATIONAL STATUS - VERDE SYSTEM PRELIMINARY DATA

DATE 01/16/79 HOUR 800 PERIOD #.# HR

VERDE RIVER

VERDE @ CAMP VERDE GH 3.8 109 CFS 800 HR

VERDE @ EAST VERDE GH 7.8 1,127 CFS 800 HR

VERDE @ TANGLE CRK GH 4.1 596 CFS 800 HR

VERDE BEELINE GH 0.0 0 CFS 800 HR

VERDE RESERVOIRS

HORSESHOE HOUR 800

MAXIMUM GH 126.00′ ELEV 2026.00′ CAPACITY 131,427 AF
CURRENT GH 115.30′ ELEV 2015.30′ CONTENTS 103,227 AF AVAIL +28,200 AF

CHANGE IN CONTENTS SINCE 1200 HR +1,132 AF

CALCULATED UNGAUGED INFLOW 89 CFS

SURCHARGE CONTENTS AVAIL 800 HR 17,576 AF

HORSESHOE TOTAL RELEASE 0 CFS 800 HR

BARTLETT HOUR 800

MAXIMUM GH 198.00′ ELEV 1798.00′ CAPACITY 178,186 AF
CURRENT GH 193.54′ ELEV 1793.54′ CONTENTS 165,934 AF AVAIL +12,252 AF

CHANGE IN CONTENTS SINCE 1200 HR +7,586 AF

CALCULATED UNGAUGED INFLOW 4,656 CFS

SURCHARGE CONTENTS AVAIL 800 HR 14,483 AF

BARTLETT TOTAL RELEASE 66 CFS 800 HR

COMBINED RESERVOIR SUMMARY - VERDE

TOTAL MAXIMUM CAPACITY +309,613 AF

PRESENT CONTENTS +269,161 AF

AVAIL STORAGE +40,452 AF

SURCHARGE AVAIL +32,059 AF

STORAGE CHANGE SINCE 1200 HR +8,718 AF

TOTAL CALCULATED UNGAUGED INFLOW 4,745 CFS

SRP OPERATIONAL STATUS - SALT SYSTEM PRELIMINARY DATA

DATE 01/16/79 HOUR 800 PERIOD #.# HR

SALT RIVER

SALT RIVER CANYON	GH	2.9	987 CFS	800 HR
SALT ROOSEVELT	GH	8.1	490 CFS	800 HR
TONTO CREEK	GH	3.9	42 CFS	800 HR
TOTAL INFLOW ROOSEVELT			532 CFS	800 HR

SALT RESERVOIRS

ROOSEVELT HOUR 800

MAXIMUM GH 234.00′ ELEV 2135.95′ CAPACITY 1,381,580 AF
CURRENT GH 226.71′ ELEV 2128.66′ CONTENTS 1,255,947 AF AVAIL+125,633 AF
CHANGE IN CONTENTS SINCE 1200 HR +25,040 AF
CALCULATED UNGAUGED INFLOW 14,617 CFS
SURCHARGE CONTENTS AVAIL 800 HR 173,805 AF
ROOSEVELT TOTAL RELEASE 0 CFS 800 HR

HORSE MESA HOUR 800

MAXIMUM GH 264.00′ ELEV 1914.00′ CAPACITY 245,138 AF
CURRENT GH 262.49′ ELEV 1912.49′ CONTENTS 241,147 AF AVAIL +3,991 AF
CHANGE IN CONTENTS SINCE 1200 HR +421 AF
CALCULATED UNGAUGED INFLOW 255 CFS
SURCHARGE CONTENTS AVAIL 800 HR 16,210 AF
HORSE MESA SPILLWAY RELEASE 0 CFS 800 HR
HORSE MESA TUNNEL 0 CFS 800 HR
TOTAL HORSE MESA RELEASE 0 CFS 800 HR

MORMON FLAT HOUR 800

MAXIMUM GH 141.50′ ELEV 1660.50′ CAPACITY 57,852 AF
CURRENT GH 119.99′ ELEV 1638.99′ CONTENTS 38,925 AF AVAIL +18,927 AF
CHANGE IN CONTENTS SINCE 1200 HR -80 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 10,279 AF
MORMON FLA TOTAL RELEASE 0 CFS 800 HR

STEWART MOUNTAIN HOUR 800

MAXIMUM GH 119.00′ ELEV 1529.00′ CAPACITY 69,765 AF
CURRENT GH 111.70′ ELEV 1521.70′ CONTENTS 60,896 AF AVAIL +8,869 AF
CHANGE IN CONTENTS SINCE 1200 HR -2,359 AF
CALCULATED UNGAUGED INFLOW 0 CFS
SURCHARGE CONTENTS AVAIL 800 HR 7,807 AF
ST MTN TOTAL RELEASE 400 CFS 800 HR

COMBINED RESERVOIR SUMMARY - SALT

TOTAL MAXIMUM CAPACITY +1,754,335 AF
PRESENT CONTENTS +1,596,915 AF
AVAIL STORAGE +157,420 AF
SURCHARGE AVAIL +208,101 AF
STORAGE CHANGE SINCE 1200 HR +23,022 AF
TOTAL CALCULATED UNGAUGED INFLOW 14,872 CFS

GRANITE REEF

SALT BELOW G. REEF	0 CFS	800 HR
ARIZONA CANAL	309 CFS	800 HR
SOUTH CANAL	197 CFS	800 HR
TOTAL AT G. REEF	506 CFS	800 HR

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cave Creek DATE: 1-19-79

DESCRIPTION OF READINGS: ① Carefree Hwy ② Cave Creek Dam
③ Cave Creek Dam

	①		②	③		
TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030			24.7	400 cfs	JG/DRD	
0100						
0130	1.5'				JG/DRD	
0145 ~~0200~~			24.8	400	JG/DRD	
0230	~~0.7~~ ?					Believe this was depth at CAP crossing (over state)
0300	~~0.7~~		24.8	400	JG/DRD	
0330						
0400	0330 1.4 (SRP)		24.8	400	JG/DJ	
0430						
0500	1.4 (SRP)		24.85	400	JG/DJ	
0530						
0600	0535 1.3		24.8	400	JG/DJ	
0630						
0700	1.3		24.8	400	JG/DJ	
0730						
0800	1.28		24.7		/DJ	
0830						
0900						
0930						
1000			24.6		DJ	
1030						
1100						
1130						
1200	1.0		24.4		DJ	

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cave Creek Dam DATE. 1-19-79

DESCRIPTION OF READINGS: carefree Hwy

	TIME	GAUGE ELEV. 1 (Cave Creek)	DISCHARGE 1 (Highway)	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
12	1230						
1	1300	24.3	.9				
	1330	~~24.25~~					
2	1400						
	1420 1430	24.25					
3	1500		1 1/10				
	1530	24.2					
4	1600						
	1630						
	1700						
	1730						
	1800						
	1830						
	1900						
	1930						
	2000						
	2030						
	2100						
	2130						
	2200						
	2230						
	2300						
	2330						
	2400						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cave Creek DATE: 1-18-79

DESCRIPTION OF READINGS: (1) Carefree Hwy (2) Cave Creek Dam
(3) Cave Creek Dam

TIME	(1) GAUGE ELEV. 1	DISCHARGE 1	(2) GAUGE ELEV. 2	(3) DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030	~~21.1'~~		~~21.1'~~	~~500 cfs~~	~~SG/CH~~	
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730						
0800	-		20.5'	200 cfs	L	
0830						
0900						
0930						
1000			20.9	200		
1030						
1100			21.1	200		
1130						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cave Creek DATE 1-18-79

DESCRIPTION OF READINGS: ① Cave Creek Hwy ② Cave Creek Dam
③ Cave Creek Dam

TIME	① GAUGE ELEV. 1	DISCHARGE 1	② GAUGE ELEV. 2	③ DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400			22.0'	400cfs		
1430						
1500	2.8'		22.5	400		
1530						
1600						
1630						
1700			22.9	400		
1730						
1800	~~2.8~~ 1.7		22.9	400		
1830						
1900	2.0		22.9	400		
1930						
2000						
2030						
2100	2.2		23.2	400		
2130						
2200	3.0		23.8	400	DEH	
2230						
2300	2.8		24.2	400	DEH	
2330						
2400						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cane Creek Dam DATE: 1-19-79

DESCRIPTION OF READINGS:

TIME	Cane Creek Dam GAUGE ELEV. 1	Carefree Highway ~~DISCHARGE~~ 1	Central Ave ~~Cane Creek Dam~~ Bridge GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730	24.7					
0800						
0830						
0900						
0930						
1000	24.6		26.8			
1030						
1100						
1130	20.1	1 ft				
1200						

V.W. 21

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-19-79 JOB NO. 50-016

LOCATION CAVE CREEK DAM

PERSONNEL JOHN GREISIGER

VEHICLE # 32729 MILEAGE: OUT 288 IN 394 TOTAL 106

REPORT PERIOD: FROM 1-18-79 2315 TO 1-19-79 09:00

SPECIFIC COMMENTS: WEST GATE OPEN 2.5'

0230 HR -.7' DEEP AT C.A.P.

TIME	CAVE CREEK DAM	C.A.P.	CAVE BUTTES DAM	CAREFREE HWY
2400	24.7'			
0030				1.5' D. 50' W. 5'/SEC
0100	24.8'		↑.4' (0130)	
0200	24.8'			
0230		.7'	↑.4'	
0300	24.8'			
0330			↑.3'	1.4'
0400	24.8'			
0430			↑.3'	1.4'
0500	24.85'			
0530			↑.5'	1.3'
0600	24.8'			
0630			↑.3'	
0700	24.8'			
0715			↑.3'	1.2'
0800	24.7'			

TEAM CHIEF: John Greisiger

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-18-79 JOB NO. 50-016

LOCATION CAVE CREEK DAM

PERSONNEL JOHN GREISIGER

VEHICLE # 32729 MILEAGE: OUT 37174 IN 37288 TOTAL 114

REPORT PERIOD: FROM X 0730 TO X 1500

SPECIFIC COMMENTS: V = .8 FPS

C.F.S. = .8 FPS (W x H) (SRP DATA)

C.F.S. = .8 (5'/sec) (72' x .8')

C.F.S. = 230.4 cuft/sec AT C.A.P. - CAVE CREEK WASH

AT 1500 EL WATER BEHIND CAVE BUTTES 1575'.

TOP OF W. SIDE OF DAM 1585'. WATER RISING

.6' EVERY HALF HOUR AFTER WEST GATE OPENED.

IN 20 HOURS THE PONDING BEHIND NEW DAM ROSE

.05' BEFORE WEST GATE OPENED.

TEAM CHIEF: _____

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cave Creek DAM DATE:

DESCRIPTION OF READINGS:

CAVECREEK DAM / WASH OVER C.A.P.

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
500						
0530						
0600						
0630						
0700						
0730	20.4				S.R.P.	
0800						
0830						
0900	20.5					GATE 2 18" x 48" EAST, WEST GATE CLOSED
0930	20.6		.8' Deep 5'/sec			72' WIDE C.A.P.
1000	20.68			[230.4 CFS]		SRP DATA: 1600-1800 CFS AT CAVEFK HWY - WASH
1030	20.75					
1100	20.8					
1130	20.9					HVY RAIN STARTING
1200	21.0					RAIN ENDING

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Cave Creek Dam DATE: 1/18/79

DESCRIPTION OF READINGS:

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230	21.1	1 GATE				INTERMITTENT RAIN
1300	21.3	"				
1330	21.5	"				
1400	21.7	"				HEAVY RAIN
1430	22.0	2 GATES OPEN			1420 hrs	WEST GATE OPEN 2½'
1500	22.1	"				
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

vm

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE January 18 1979 JOB NO. 50-016

LOCATION Covecreek Wash & Carefree Highway

PERSONNEL F. Vincent

VEHICLE # 34785 MILEAGE: OUT 17646 IN 17721 TOTAL 75

REPORT PERIOD: FROM 0730 HRS TO 1600 Hrs

SPECIFIC COMMENTS:

TEAM CHIEF: [signature]

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: _____

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730						
0800						
0830	1.8					
0900	1.8					
0930	1.8					
1000	1.8					
1030	1.8					
1100	1.8					
30	1.8					
1200	1.9					

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: _____

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230	2.0					
1300	2.1					
1330	2.1					
1400	2.2					
1430	2.3					
1500	2.4					
1530	2.5					
1600	2.5					
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
330						
2400						

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1/17/79 JOB NO. 50-016

LOCATION CAVE CREEK DAM

PERSONNEL JOHN GREISIGER

VEHICLE # 32812 MILEAGE: OUT 23351 IN 23441 TOTAL 90

REPORT PERIOD: FROM X 0730 TO X 1500

SPECIFIC COMMENTS:

CAVE BUTTES MAIN DIKE LOW POINT EL 1585'.
AS OF 10:00 NO WATER THRU OUTLET OF CAVE
BUTTES. CORPS DATA: 18" x 48" GATE WITH HEAD
OF 16.25' = 200 CFS

TEAM CHIEF: John Greisiger

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: 1/17/79

CAVE CREEK DAM

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730						
0800						
0830						
0900	13.2	18" x 48" GATE 2				EAST, WEST GATES CLOSED
0930	14.6	"				SRP DATA 60' WIDE 10'/SEC 2.5' D. CAREFREE HWY
1000	15.4	"				
1030	16.2	"				
1100	16.8	"				
1130	17.3	"				
1200	17.9	"				

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: _____

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230	18.3	18" x 48" GATE 2				BOTH WEST, EAST GATES CLOSED
1300	18.6					
1330	19.0					
1400	19.2					NO WATER AT CAP [redacted] CREEK WASH - DEER VALLEY RD.
1430	19.4					
1500	19.6					
1530	19.7					NO WATER AT CAP BOX CULVERT
1600	19.8					
1630						
00						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

1-18-79

DL 1/19/79

0900	7.4	RITTENHOUSE
0730	9.5	Mill AVE Bridge
0900	1.8	CAVE CREEK wash
0930		CAVE CREEK Dam
1000	36.5	SUNNY COVE
1000	15.6	SUNSET
	20.65	Cave creek
1000	.8'	72' WIDE OVER CAP. CANAL
1000	1.8	Cave creek wash
1100	1.8'	Cave Creek Wash
1100	20.8'	Cave Creek Dam
1130	20.9'	Cave Creek Dam - starting to rain
1200	21.0'	Cave Creek Dam
1200	2.0'	Cave Creek Wash
1200	26.7	Central Bridge
1200	I-10	bridge open for traffic
1230	21.1'	Cave Creek Dam
1230	Buckeye - Standing water - starting to rain	
	Dam #4 - Wet but dry	
1300	21.3	Cave Creek Dam
1300	2.1'	Cave Creek Wash
1300	Dam #3 - Dry - Raining	
1300	26.3'	Central Bridge
1330	21.5	Cave Creek Dam
1415	1½'	SKUNK CREE + Carefree Hy.
1415	2'	at COTTONWOOD wash + New River Rd.

1-18-79

1400 21.7 Cave Creek Dam
1420 West gate open 2½' - Cave Creek
1430 21.7 Cave Creek Dam
1500 22.1 Cave Creek Dam
1500 2.8' Cave Creek Wash
1500 26.1 Central Bridge
1600 22.3 CAVE CREEK DAM

1-18-79

Rain Gauge	location	time	inches	
# 1	40th street and Dynamite	0930	2.10	
# 2	5814 E Peakview (called in)	0945	3.50	
# 3	51st st. ½ mile south carefree h.	1130	2.10	
# 4	5915 ocotillo road	1110	2.23	
# 5	No Access			
# 6	1.1 mile E. of Sierra Vista on Fleming springs	1045	2.73	
# 7	38617 N Schoolhouse	1025	2.32	
# 8	7002 carefree drive	1015	2.40	
# 9	330 70th st	1000	2.50	
# 10	4/12 W. Carefree Freeway	1520	1.0	
# 11	New River rd at cave creek wash	1140	called in	
# 12	No phone			
# 13	Sahuasa & 6 Street (New River)		.75	
# 14	New River Road east bank Skunk Creek		.50±	TOTAL 2.10
# 15	George Cummings 9th st. & New River	1330	2.30	
# 16				
# 17				

Civil Defense GSB ① Jan. 17-1979

Arrival - 10:00

10:45 Alex-Talmachoff → 262-3121 SO
Mrs Murray Johnson 386-2042

Mrs Johnson ~~stated~~ SO → Alex Talmachoff (with SO-deputy?) had contacted ~~to word said~~ ex-mayor of Buckeye who contacted her and said Hassayampa had risen 4 feet in 1 hour. where? Called SO to check. ~~Thunderbird~~ Unable to confirm

684-5411 Wickenburg Substation
Check w/Highway Dept to see if they have any personell in field → No one up north near Wickenburg

SRP Info to obtain → Elevation & Storage Chart of Dams on the Salt & Verde ~~R~~ Rivers
Date May 9 1960
JO. NO. XA-187-2

1978 SRVWUA
Water transmission System
Hydraulic Eng.
Trans. & Comm. division

② GSB
1-17-79

1120 — Linda Young FCD

17 / ~~1628~~ Cave Creek Dam — 1230 / 18.3
2.3 ft Carefree Hwy — 2.0
5 ft Staff At Black Canyon city — 5.0 ~~+.6~~
5 ft Rittenhouse
8" Gila at Maricopa
10.5 Sunset
26.5 Sunny cove
2.5 New R. I-17 — ~~2.5~~ ft
no water Skunk Cr at I-17
" " McMicken

1125 Called Wickenberg Substation for report on Hassayampa → Bank to Bank 1 ft deep 20mph Asked to be notified in case any significant changes.

1130 20-000 Called MCWCD #1 obtain est. of inflow 20,000 cfs unchanged ~~of~~ over last hour.

1135 Called Mrs Johnson report on Hassayampa no answer.

150 Agua Fria at Black Canyon has dropped 1 ft in last hour

230 Agua Fria Blk Canyon City Staff 5.0

③ GSB

1-17-79

1250 Waddel says discharge will increase to 25000 at ~~700~~ 1300.

1300 Agua Fria 1.5'd x 50'w appears to have been higher
Ash Creek 1.5'd x 150'w " " " " "

~~Agua Fria~~ B

1330 19 ft at Cave Creek

1345 Peak past Blk Canyon City 10:30 - 11:30 about 30 000 CFS Current release 25000 cfs match inflows (20-25000 cfs) till early evening and then decrease.
Dick Yancee called

1350 Agua Fria Flow approaching Olive Ave.

1430 Black Canyon City gage 4.4

~~1415~~ ~~Salt~~

1445 Call from Mr. Green (Hound dog acres) said water was within 2" of getting in house. Asked if he could expect any more. Said not likely. I asked what he was still doing there he said that no one has left. Also said that major portion of flow was coming down 109th Ave.

④ GSB
1-17-79

1500 Received call from man lived Rose Garden Lane ~~vic~~ vicinity said river ~~was~~ above where he was dangerously close to breaking out of existing channel and flooding them. Said there were still people in houses and asked if we could send out some heavy equip. to help. Told him District could not → check w/Hwy. Asked what they were still doing there.

2340 1/16/79 - Called NWS
Storm moving due north, light to moderate precip. Snow level at 5000' (snowing at Prescott). 0.29" at Sky Harbor this evening. Perhaps as much as .5" more by morning. Multiply Phx amounts by 2 or 3 to estimate precip in foothills.

2400 Called Howard Ryder, reported weather

0600 1/17 Herb called, told me to come in.

0625 Called Dave & Scott, said to wear muddy clothes.

0710 Called Dick Yancy. He said that they started releasing 4000 cfs about 0630. Up to 6000 just before 0700. Expects to be up to 10,000 around 0800 or 0900. He has reports that Black Canyon and Agua Fria are rising.

0815 Called Yancy. He's out, will call back

0920 Yancy called - Agua Fria going up to 15,000 now. (6000 since 0700). Agua Fria at Black Canyon City up 2ft in last hour, Black Canyon up 14".

0920 Dispatched Scott Buchanan to Civil Defense

1000 Jack says SRP is releasing 15,000 from Salt + 5000 from Verde

1000 Scott reported in from Civil Defense

1020 Jan 17, 1978 - Francis Vincent instructed by phone to check level of Big Bug Creek at Cordes Junction (I-17), go up to Agua Fria at I-17 (about 5 miles N of Cordes Junction) watch it for about a half an hour, ~~and~~ return to Big Bug and phone in any changes in water surface elevation.

1030 Called Dave Johnson on radio. He and Joe Tram are at Pinnacle Peak Road and Agua Fria. Flow has arrived there but not at Rose Garden Lane.

1040 Called Dick Gavey. Agua Fria release increased to 20,000 at 1030.

1050 Called San Carlos Project. As of 0730, storage = 612,846 A.F. 24-hour inflow = 3418 A.F. Rain at Coolidge Dam = 0.32".

1055 Called NWS - no change in prediction.

1100 Called Dave on radio - water not yet at Rose Garden Lane. Told him to get time on front at Rose Garden, then return to Pinnacle Peak Rd to try to get time of big water.

1125 Dave called on radio - Water arrived Rose Garden at 1110. Dave enroute to Pinnacle Peak Road.

1150 Called MCWCD#1. Still releasing 20,000 cfs.

1300 Called MCWCD#1. Agua Fria increased to 25,000 at 1300.

1340 Dave called in on radio to say that flood elevation at Jomax Rd. had risen 1.0 ft since 1130. Told him to go find front of water.

967-7521 Rm 204
SLAB

1350 Jan 17, 1979 - Dick Yancey called, said apparently peak passed Black Canyon City about 1030, entered Fountain Pleasant at 1200 to 1230. Peak inflow ≈ 30,000. Plans to release 25,000 until evening, then taper off.

1410 - Cpl. McCloud (?) (MCSD) asked about capacity of Jackrabbit Rd. Bridge. I called Barry Hauneda who said 10-12,000, 14,000 at best.

1700 – Vince called from motel at Mill Ave Bridge. No water. I said we would call him when water arrived at Scottsdale Rd. He is to take readings at half hour intervals until further notice.

1715 - Called MCWCD #1. Current release 20,000. Reduced from 25000 at 1600

1830 Larry Wagoner called MCWCD #1. Release reduced to 15000 at 1830.

1930 Left to visit Mill Ave, SRP. Met Herb Sherman at SRP. He said that he had a pair of binoculars which he would take to Venice. Water not up to Mill gage at 2000.

2100 Returned to CD. John Wiesel called at 2000, reported 42' at Central. Called back at 2100, reported 34' at Central. Will not get motel, will

1/17/79

stay with Car. He will take readings every half hour.
Lake Pleasant releases reduced to 7500 cfs at 1930.

2135 John W called in by radio. Central Ave up 1.5' to 32.5 at 2130

2145 Called Vince. Water not up to gage.

2155 Called dam operator, Lake Pleasant. Discharge reduced to 5000 at 2030, plan to maintain that all night.

2205 John W. reported 31.5 at 2200 (1.0' rise)

2215 Water rising rapidly at 51st Ave & Lake (probably just arrived)

2240 John W. reported 30.5 at 2230 (1.0' rise) ~~at 2230~~.

2310 John W reported 29.0 at 2300 (1.5' rise)

2313 Water started rising at 69th Ave at 2300.

2335 John W reported 28.0 at 2330 (1.0 ft rise)

2345 Vince called. 8.5 on Ash bridge no reading on Mill. Up .5' in 30 minutes

0005 1/18/79 — Salt front arrived at 91st Ave.

0010 John W. reported 27.5 at Central at 2400 1/17.

G LAB

1/18/79

0050 - Received word from Phx EOC that Sky Harbor lost the runway at about 2400.

0100 - Mike Johnson called from Mill Ave. 9.0 on Ash Bridge at 2400, 0030, 0100. Nothing on Mill Ave yet.

0203 John W reports 27.0' at Central at 0200.

© D.S.
0310 (11/18/74)

Civil Defense

0300 John W. called on radio and gave reading of 27.0 at Central Ave

0350 Talked to gentleman concerning flows in Salt River at 51 Ave. & releases.

0400 Talked to lady concerning flows at 75th & Southern.

0420 9.1 Mike Johnson reading at Mill Avenue

0425 Talked to gentleman concerning flows in vicinity of 20 St.

0400 Wong relieved John W. at central Ave. Reading 27.0

0455 Outflow frow Salt side increased from 45,000 to 48500.
Outflow from Verde holding steady at 25,000 - Granite Reef holding at 66,000.

DF (2)
1/18/79

0500 Wong called in on radio with Central Ave. report of 27.2

0500 75 cfs Beardsley Rd & Cave Creek via SRP
Carefree Hwy and Cave Creek 1.2'

0500 9.2 Mike Johnson reading at at Mill Ave. Bridge

0515 Report from Holly Acres area reporting flows leaving new channel cut just west of El Mirage. (via Roy Blm)

[redacted]

2'

[redacted]

123
67
856

745

7
21
1930

1½ hrs
3 miles
12 miles

130

6 hrs +
1530
730
2260

7.5

③ DJ
1/18/79

0545 Via SRP Granite Reef 66,000
Verde 25,000
Salt 48,500

0600 27.7 ~~[illegible]~~ 0600 reading at Central Ave. via Wong

0600 Talked to Super. Atkinson and informed him of situation.

0610 9.3 (0600) Mike Johnson at Mill Ave Bridge

0630 At 0600 66,000 at Granite Reef
48,500 at Stewart Mt.
25,000 at Bartlett

0655 Talked to FCD office (Vern)

0700 7.4 Rittenhouse Via Vern in office via Tony

0700 9.5 Mike Johnson at Mill Ave. Bridge

0715 Talked to lady in vicinity of 107th Ave.

~~[illegible]~~ ~~[illegible]~~

242-4411 Mark Griglen (4) DF 1/18/79

0745 Dick Yancy Waddell Dam
Outflow
outflow 7500 cfs inflow 5000 cfs

0800 Mike Johnson 10.3 Mill Ave. Bridge
(Question prior readings)

0800 6000 cfs outflow as of 0800 Call from Water Dist #1

0815 Jack Leavitt called concerning
Central Ave. bridge info from Wong
(straightened out)

0845 Ben Hudson Sun City News?
concerning McMicken & Waddell

0900 Mike Johnson 10.3 Mill Ave Bridge

0900 ~~Info via~~ Jack Leavitt
McMicken no inflow or outflow
Man pulled offs of McMicken
Man pulled offs of Rittenhouse.
Rain in Cave Creek (Town)
Cave Creek Dam Reading 20.5 at 0800
Man will stay at Carefree crossing
and dam.

(5) DJ
1/18/79

0910 Channel 3 Informed them on situation of Cave Creek Dam & Cave Creek inflow

0930 Report of two high tension wires blocking & closing Freeway at about 24th St. Fear of conduits contacting freeway - problems with river towers.

0955 As of 0855 flow cutdown on Verde side (Bartlett) from 25000 cfs to 20,000 cfs

1000 (6000 cfs via Yancy office)

1000 Mike Johnson call for Mill Ave Bridge 10.3

1005 1.8 C.C. at Carefree
20.65 at Cave Cree Dam
holding constant - will call in only if significant change

(6) RDJ
1/18/79

1005 Wong called in reporting 27.0 at Central Ave.

1035 Frank Fairbanks City of Phx concerning Cave Creek

1040 Evelyn Thompson concerning Cave Creek Dam & Waddell

1045 Talked to Jack L. about closure of Freeway

1050 Via SRP Increase Salt side from 48500 to 50000 (0900)
Verde side maintained at 20000 cfs
as of 1000 hrs 66000 cfs Granite Reef

1110 1100 Reading from Wong at Central is 27.0 holding steady

(7) RJ
1/18/79

1110 Mike Johnson 10.5 at Mill

1300 1200 hrs – 4000 Outflow from Waddell

V18/78
① LAB

1300 V18/79 Arrived at Civil Defense

1305 Talked to Herb, Dan, Scott. Herb wants to plan to have someone on duty overnight. Scott will stay until about 2200, Dan will be here from 2200 – 0200, Dave will come in at 0200 unless we call him.

1350 Jack Leavitt called. Opening 2nd gate at Cave Creek Dam 2.5'. Flow to increase to 400 cfs by about 1415. SRP advises Arizona ~~Cable~~ Canal will carry.

1401 Tony call in with Mill Ave reading.

1430 Jack L. called in. 1.5' in Skunk Creek at Carefree Highway, 2.0' in Cottonwood Wash at New River Road.

1438 NWS issued Flash Flood Wash for Maricopa County until 1900 today. Thundershowers in western MC moving into Metro area around 1800-1900

1450 Called MCWCD #1 to inform them of Flash Flood Watch

1505 Tony called in 10.6' at Mill

1506 26.1' at Central

1510 MCWCD #1 called. Increasing to 6000 discharge due to Flash Flood watch.

1/18/79
(2) LAB

1320 Jack L called. 2.8' at Carefree Highway and Cave Creek. Elevation behind dam 22.5 (at 1515).

1540 Called San Carlos Project Office for 0730. 626,420 AF stored 14,574 gain.

1545 Dave Burris called. Aeiport dike did not fail. Phx EOC to open at 1900.

1602 Tony called in 10.3-10.9

1615 Called Pima County Highway Engineering office. Santa Cruz started yesterday morning, up to 5-10,000 currently. Currently cresting.

1620 Called Winkleman Sheriff's substation. Gila within banks but getting high enough to threaten Riverside. Nothing in San Pedro.

1640 Called Sheriff's substation in Florence. Gila flowing but lower than in December.

1700 Bill Mosely called gave him run down on Salt and Agua Fria & flows.

1710 22.5 Cave Creek from ~~Tony~~

1710 Tony called 10.5 to 10.9 at Ash Ave.

1-18 fbb
1-19

1720 Dick Yancee called asked if we had moniter at McMicken Dam, raining like Hell. Bob Pender. on way out will report direct to CP. Yancee left home phone (583-0685) if anything comes through McMicken, call. they have equip. in canal.
Yancee says they are not expecting much inflow and will keep outflow at 6000 unless something happens

1720 Jack called asked me beep Vern Mc. and call him.

1730 Call from Hwy man on each end of Sdale Rd. Bridge - water seeping through both approaches.

1730 663 called 1700 hrs 26.2

1740 Sherriff Dept Radio says 1 ft of water in Skunk Creek at Pinnacle Peak Rd. need barricades. Hwy Dept noted.

1800 Bny Tempe Bridge 10.5 - 10.9
10.7

old RR 1152.2

1-18 fff
~~1-19~~

1805 Burt Kennedy called gave him update on Agua Fria and Salt R.

1805 Man called his number 583-0722 vicinity El Mirage water ponding in small Bridge just ~~east~~ west of Agua Fria RR / Hwy Bridges. local? Water rising in Agua Fria channel. Call field see if anyone close can check. Bob Pender said that water was standing at 2:00. Called man back told him evacuation unnecessary Just local stuff

1815 Herb Schuman USGS
78,500 Ash Ave at 1600
945-6577 Home Les call

1820 BOB Pender. called in from McMicken light rain, no flow through dam.

1830 Report from Tom Chauncy Kool Agua Fria near Mayer running very high and very wide.

1815 Yavapai Sheriff Agua Fria at Blk canyon says flow well within banks

1-18 [illegible]
~~1-19~~

1845 ~~Aa~~ Air Research 40th & 24th St.
updated him on Salt flow

Located on Sdale Rd. bridge north side 546A
south side 541 ←
contact them if any sign. changes in flow

1900 called 643 present reading in Cave Creek
dam 22.9 ~~appears previous or entries~~
~~in log [illegible]~~ Staff at carefree
highway 1.7 and holding local washes starting to run

rising at about 2'/hour

1900 NAWAS cancel flash flood watch for Maricopa County.

1900 Bob Pender reports minor flows in culverts under Phx.-Wick. Hwy between McMicken and Circle City. Going back to McMicken.

915 Bud Lestico SRP called confirmed readings on Cave Creek dam and carefree Hwy. Based on weather report they pull thier guys in. Concur.

915 Contacted 541 at Sdale Rd. Bridge ~~tot~~ told him of increase 54,500 to 65000 Stuart Mtn. will keep him [illegible]

1-18 JGB
~~1-19~~

1950 Bob Pender. no change at McMicken
Jack L. says pull him in & if nothing happens by @ 2300

1950 1900 reading Ash Ave 1152.2 10.5-10.9
10.7
light shower heavy rain previous 20 min.

1950 Man w/greyhounds on Agua Fria below Indian Sch. called ask status of release.

2000 John stewart Contr. status Agua Fria flow near Indian School.

2000 643 called Cave Creek 22.9 holding local washes decrease Cave Creek at carefree hiwy 2.0.

2040 Buckeye wanted to know status of releases.

2050 Mrs Jones 133rd & Southern all sandbagged and ready to move asked status of releases.

2050 Bob Pender. going home → Trans w/648
~~To the~~ nothing new.

2100 Cave Creek 23.2 Carefree stuff 2.2 washes in cave creek have stopped.

2105 Called Winkleman SO (actually in Hayden) for report on ~~upper~~ Gila and San Pedro Gila well within banks no problem going down in fact San Pedro nothing much

2115 2100 reading central ave. 26.2 but shaky because of wind. Will check again at 2130.

2140 Tony RR for 2100 1152.5 Ash 10.5-11.0 10.8
Tony's Ph.# 967-7521 Rm. 204

2145 Called 541 Sdale Rd. Bridge 14" freeboard on approach berms and 3' freeboard between water and low cord.

2150 2130 reading at central ave 26.2 appears accurate wind has died.

2305 Called Waddell dam operator. Inflow up very slightly. Holding releases to 6000 cfs. DEP

2310 Called OPS & asked for reading on Agua Fria at Black Canyon City.

1-18

2315 Cave Creek : 2200 · 23.8'
2300 24.2'
Carefree Staff : 2200 3.0'
2300 2.8'

2335 Dale Nullph (Corps) at Cave Creek – agreed to opening gate off Cave Creek Dam 6' more. There is 6' free board on new dam.

2400 DPS called back: No rain in Black Canyon City for at least 1 hour. Agua Fria appears steady (questionable report). DPS will call Yavapai Sheriff unit at Black Canyon City at 0030. DS

1-19

0040 Corps ref. radioed from Cave Creek Dam, Wants to check elevations before open gate more

0300 Called Bill Driver at Cave Buttes → Will hold present gate settings until tomorrow when it gets light. Re evaluate then.

RJ 1/19

①

0300 Report via SRP concerning flow in Gila River

0305 John W. reading 11.0 - 11.2
railroad bridge 1152.8

0315 Called Gila River 243-4567
Indian Police
Water Elev. Rising - Wood & Debri under bridge
Info Man - Babcuy (Baubree)

0345 Via C.D. via Gila Indian Reserv. Police
Flow elevation raised by 5'
since 1600 hrs 1/18.

0400 0400 25.4 rise .1 in last hour
0330

0400 since 0230 - .3 ~~ise~~ rise behind Cave Buttes
0400 - 24.8 at Cave Creek
at 0330 - 1.4' deep at Carefree H-way

RJ

(2) 1/19

0420 — 0420 .3 rise behind Cave Buttes since 0330

0440 — Via SRP Granite Reefs 0430 75,000
Salt (Stewart) Outflow 60,000
Verde (Bartlett) Outflow 15,000

0500 — Call from Marie Central Ave. Bridge 25.3 reading

0500 — Call from John G. — Carefree & CC 1.4 via SRP
Cave Creek 24.85 as of 0500

0502 — SRO called concerning flows from Granite Reefs

0520 — John W. called in 0400 & 0500 readings at Mill Ave Bridge constant at 1152.8

RJ

(3) 1/19

0540 Corps on Cave Butte 3' freeboard
½' rise in last hour
Info from John G.

0550 520 Scottsdale Bridge water elev. dropped 3"
increased freeboard by 3"
9" of freeboard

0555 664 called 0600 25.3 Central Ave

0600 Mr. Donald called for conditions update

0610 John W. 1152.9 from Mill Ave Bridge

0615 John G. report from Cave Creek 24.8 receding 1.3' at Carefree

0625 Les Bond called concerning status.

0700 0700 23.5 at Central Ave. via M.B

DJ

(4) 1/19/79

0700 24.8 at Dam 1.3 at Carefree
Via J.G.

0710 Cave buttes +.3 behind Structure since 0600 Via J.G.

0720 Larry Miller "Gila & Santa Cruz
Not much flow
started going down.
0500
-5000 cfs-?

0730 Cave Creek reading 24.7
via J.G.

0745 Called Water Dist #1
3000 release as of 0700
reduction from 6000

0800 25.8 reading at Central Ave

0805 Cave Creek Dam 24.7 Via J. Peattie
Carefree Hwy 1.28

(5) RJ 4/19

0800 No one on Mill Ave bridge - may try to get H-way department to reflect changes at Scottsdale Rd. bridge.

0840 Talked to Scott about info call into office - found out all reports will be made to office & relayed to Civil Def.

0900 San Carlos - 0730 664,823 Ac-ft stored

24 hr info 37703 Ac-ft.

1,200,000 Ac-ft

0935 Still at 3000 cfs as of 0900 from Waddell

1015 Reading of 6.5' at Rittenhouse Via 662

1030 Talked to Sid Fryer concerning

1045 Reading at 1000 hrs - 24.6 at Cave Creek
Via Doris Taylor from office

(6) DJ

4/19

1110 – Reading 1100 Scottsdale Rd. 101 inches
started to enter info on logging forms.

1120 – 3000 cfs Try to hold All Day at 3000 cfs
DJ via M.C.W.C.D.

1125 as of 1100 hrs
Painted Rock Dam 613.25' a.m.s.l.
relates to 687,262 Ac-ft stored
inflow 44,360 cfs Discharge 1200 cfs
No change from discharge condition prior to flows

11:45 Painted Rock will increase outflow of 1200 cfs to 1500 cfs as of 1200
– Via Highway Depart. –

11:45 As of 1100 Stewart Mt. 55,000
Bartlett 15,000
Granite Reefs 70,000

1155 ↑ 24.4 Cave Creek Dam 1.0 ↔ Cave Creek at Carefree

(7) RJ 1/19

1200 Scottsdale Rd Bridge 104"
dropped 3" since 1100

1300 Scottsdale Rd bridge 105"
1300 hrs
Via Co. H-way Depart

1/22/79
① LAB

1/22/79 0900 Arrived at Civil Defense to obtain current status and update our log.

San Carlos status: 0730 1/22 – 757,586 AF stored
16,600 AF inflow 1/21-1/22
29,367 AF inflow 1/20-1/21
47,496 AF inflow 1/19-1/20

All inflow reports are for a period of 0730 – 0730 on the dates indicated

Granite Reef – Date	Time	Q	Stewart Mtn	Bartlett
1/19	2343	61,850	42,200	15,139
1/20	0400	59,500	41,000	15,000
	0700	58,300	41,000	15,000
	1200	~~58,600~~	38,900	15,000
1/21	0220	?	35,600	4,400
	0700	43,000	34,800	4,400
	1600	37,500	26,600	4,400
1/22	0700	28,000	21,496	4,400

3.5 miles/hr.

Granite Reef.

	11:30	2000
~~1500 - 1600~~	800 - 1400	15,000
	1500 - 1600	30,000
~~Country Club~~ closed		
1530	1730 - 1830	15,000
	1930 - 2030	30,000
Hayden	1800 - 1900	15,000
	2100 - 2200	30,000
48th	1900 - 2000	15,000
	2200 - 2300	30,000
Central	2100 - 2200	15,000
	2300 - 2400	30,000
51st Ave	2000 - 0100	15,000
	0200 - 0300	30,000
1-17	0200 - 0300	15,000
	0400 - 0500	30,000

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-19-79 JOB NO. 10-016

LOCATION Sunset & Sunny Cove

PERSONNEL Calvin

VEHICLE # 32623 MILEAGE: OUT _____ IN _____ TOTAL 63

REPORT PERIOD: FROM 09:15 TO 14:15

SPECIFIC COMMENTS:

opened Gate upon Arrival
Closed Same when Departing

TEAM CHIEF: [signature]

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Sun Set & Sunny Cove DATE: 1-19-79

DESCRIPTION OF READINGS: 92

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
:00						
0530						
0600						
0630						
0700						
0730						
0800						
0830						
0900	14.5					Sun Set
0930	35.2					Sunny Cove
1000						
1030						
:00						
:30						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: _____

_____

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400						
1430						
1500						
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-18-79 JOB NO. 10-016

LOCATION 341 + 340 Sonny Cove & Sunset

PERSONNEL LAVIN

VEHICLE # 32623 MILEAGE: OUT 61440 IN 61503 TOTAL 63

REPORT PERIOD: FROM 09:30 TO 14:15

SPECIFIC COMMENTS:

No additional water. Same as 1-17-79

opened Gates 09:45

Closed Gates 14:15

TEAM CHIEF: Joseph Lavin

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Sunny Cove & SunSet DATE: 1-18-79

DESCRIPTION OF READINGS: opened Gates 09:45
Closed Gates 14:15

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
0500						
0530						
0600						
0630						
0700						
0730						
0800						
0830						
0900						
0930	36.5					Sunny Cove
1000	15.6					SunSet
1030						
1100						
130						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Sonset & Sunny Cove DATE: 1-18-79

DESCRIPTION OF READINGS: Closed Gates

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400	34.2					Sunny Cove
1430	14.4					Sonset
1500						
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1/18/79 JOB NO. 50016

LOCATION McMICKEN DAM

PERSONNEL

VEHICLE # 32811 MILEAGE: OUT 21220 IN 21363 TOTAL 143

REPORT PERIOD: FROM 1700 HR TO 2200 HR

SPECIFIC COMMENTS:

I ARRIVED AT THE STRUCTURE AT 1650 HR THE AREA HAD RECIEVED HEAVY RAIN & NO WATER HAD FILLED TO THE ELEVATION TO FLOW THROUGH THE PRINCIPLE OUTLET WORKS. I INSPECTED THE BOX CULVERTS BENEATH GRAND AVENUE FROM THE OUTLET CHANNEL TO CIRCLE CITY & THE PRINCIPLE OUTLET WORKS OF MCMICKEN DAM TILL 2115 HR THE CLOUDS PRETTY MUCH MOVED ON EAST, ONLY A FEW OF THE SMALLER BOX CULVERTS CARRIED ANY FLOW.

TEAM CHIEF: L E Pendergast

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-19-79 JOB NO. 10-016

LOCATION Rittenhouse F.R.S., Queen Crk., Dreamy Draw Dam

PERSONNEL T. Guzak, L. Young

VEHICLE # 32810 / 32815 MILEAGE: OUT 16437 / 13428 IN 16540 / 13396 TOTAL 103 / 32

REPORT PERIOD: FROM 0730 HRS. 0900 TO 1400 HRS. 1100 hrs

SPECIFIC COMMENTS:

Queen Creek Wash; staff readings at

Ocotillo Rd. Bridge: 1 3/8 0930 HRS

Ellsworth Rd. Bridge: 1 8/8 0920 HRS.

Haws Rd. Staff : 3 0/8 0935 HRS.

Rain Gauge Location and amount:

Dreamy Draw Dam 1.78 inches

T. Martinez; 2.85 inches

KOA Campground; 0.00 gauge had been read earlier.

Sand Tanks; 0.00 gauge has been removed.

Rittenhouse F.R.S. Principle Outlet; 6.5 ft.

TEAM CHIEF: T. Guzak

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 10-19-79 JOB NO. 10-016

LOCATION Rittenhouse F.R.S.

PERSONNEL Tony Guzak

VEHICLE # 32810 MILEAGE: OUT 16437 IN 16540 TOTAL 103

REPORT PERIOD: FROM 0730 HRS TO 1400 HRS.

SPECIFIC COMMENTS:

Rittenhouse F.R.S. gauge reading taken from staff at principle outlet.

TEAM CHIEF: A. T. Lyet Jr.

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Rittenhouse F.R.S. DATE: 1-19-79

DESCRIPTION OF READINGS: Taken from principle outlet staff gauge.

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
:00						
0530						
0600						
0630						
0700						
0730						
0800						
0830						
0900						
0930						
1000	6 5/8 ft.					This reading indicated a
1030						1/8 ft. drop from 1-18-79
:00						No further readings are
1130						necessary at the present
1200						time

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: _____

_____

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400						
1430						
1500						
1530						
1600						
1630						
00						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-18-79 Thurs. JOB NO. 10-016

LOCATION Ritenhouse F.R.S.; Queen Creek Wash At Haws Rd. Ocotillo Rd. Bri Ellsworth Rd Bri

PERSONNEL

VEHICLE # 32810 MILEAGE: OUT 16293 IN 16399 TOTAL 106

REPORT PERIOD: FROM 0530 HRS. TO 0930 HRS.

SPECIFIC COMMENTS:

All readings taken at Principle Outlet; Ritenhouse F.R.S.

Queen Crk. Wash readings taken from staffs on bridge abutments, Haws Rd. from staff along West shoulder of roadway.

TEAM CHIEF: A. F. Lyle Jr.

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Rithenhouse F.R.S. DATE: 1-18-79 Thurs

DESCRIPTION OF READINGS: Readings taken at Principle Outlet. Staff; Rithenhouse. Staffs on Bridge abutements, on shoulder of Roadway.

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
.00						
0630	2 5/8	Haws Rd.	Staff			Drop of 2 5/8 from 1320 HRS 1-17-7.
0630	1 0/8	Ellsworth Rd. Bridge				Drop of 2 3/8 from 1330 HRS 1-17-7.
0630	1 5/8	Ocotillo Rd. Bridge				Drop of 2 0/8 from 1320 HRS 1-17-7.
0700	7 5/8	Rithenhouse F.R.S.				Dropped approx 1 0/8 ft from last reading taken 1500 Hrs. 1-17-79 Wed.
0730						
0800						
0830						
0900						
0930						
1000						
1030						
100						
1130						
1200						

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: _____ DATE: _____

DESCRIPTION OF READINGS: _____

_____

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300						
1330						
1400						
1430						
1500						
1530						
1600						
1630						
00						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

VM
JJ

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1-17-79 Wed. JOB NO. 10-016

LOCATION Rittenhouse F.R.S.

PERSONNEL Tony Guzak

VEHICLE # 32810 MILEAGE: OUT 16153 IN 16281 TOTAL 128

REPORT PERIOD: Times FROM 730 HRS. TO 1830 HRS.

SPECIFIC COMMENTS:

All Readings taken at Principle outlet; Rittenhouse F.R.S.

Queen Creek Wash readings taken from bridge Abutment Staffs, Haws Rd. reading from staff along West shoulder of roadway.

TEAM CHIEF: [signature]

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

Wed.

LOCATION: Rittenhouse F.R.S. DATE: 1-17-79

DESCRIPTION OF READINGS: Readings taken at Principle Outlet. Staff

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
0030						
0100						
0130						
0200						
0230						
0300						
0330						
0400						
0430						
00						
0530						
0600						
0630						
0700						
0730						
0800						
0830						
0900						
0930						
1000						
1030						
'00	5° ft				T.G	
1130	5 ft					
1200	5 ft					

FLOOD ELEVATIONS FOR STREAMS AND FLOOD CONTROL STRUCTURES

LOCATION: Rio Hen House F.R.S.; Queen Crk. Wash DATE: 1-17-79 Wed

DESCRIPTION OF READINGS: Reading taken at Principle Outlet Staff. Queen Crk. Wash; taken from staffs on bridge abutment and staff on West shoulder of roadway.

TIME	GAUGE ELEV. 1	DISCHARGE 1	GAUGE ELEV. 2	DISCHARGE 2	REPORTER/ RECORDER	COMMENTS
1230						
1300	6.6 ft.					
1320		① 3.5 ft		② 5.0 ft.		① Queen Crk at Ocotillo Rd Bdg
1320						② Queen Crk at HAWS Rd. staff
1330		③ 3.3 ft				③ Queen Crk at Ellsworth Rd. Bdg.
1430	8.0 ft.					
1500	8.4 ft					
1530						
1600						
1630						
1700						
1730						
1800						
1830						
1900						
1930						
2000						
2030						
2100						
2130						
2200						
2230						
2300						
2330						
2400						

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan. 17, 1979 SHEET 2 OF 6

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
0850		546	10-19 & will take 43RD ave & Weir Va-	
			Call for 544 (10-4)	✓
0855		342	need barricades @ Hawes & Ocotillo	
			for Queen Creek Wash	✓
0901		342	Don't need to close Hawes & Ocotillo yet	✓
0903		244	240 despatched unit to Glendale to the	
			cave-in @ 57 ave & Michelle - c/ Glendale	
			there, now taking care of it	✓
0907		343	The "Cave-in" @ 43 ave & Weir is c/ Pk wtrln	
0908		544	Litchfield Rd fr McDowell to Thomas Rd -	
			placed Barricades & "warning" signs	✓
0909		541	@ 0900 hrs - "Closed" Sossaman betw	
			Broadway & Southern	✓
0911	240	~~240~~	~~Will~~ Gene McFadden will be 15	
			min late for the "Final"	✓
0919	390		Brad McGowan called (will be in	
			soon)	✓
0920		544	Ind Sch Rd from Oleander to the W/bnd	
			lane - placed barricades & "warning" signs	✓
0922	541		"Stop" down - 48th St & Brown (Mesa #)	✓
0924		542	Placed "D w/c" signs on Cave Creek Rd	
			N/o Mohawk Ln	✓
0931	543		Did you ck out hole @ Cotton Ln & Beth Hm	
			Rd per S/o (negative - on northeast side)	✓
0932		544	I'm going to ck Cotton Ln & Beth Hm Rd	✓
0935		541	"Closed" Ellsworth betw Elliot & Baseline	✓
0936		542	Placed "D w/c" signs on Union Hills - E &	
			W/o 26th St	✓
0945		542	On Union Hills W/o 40th St - placed	
			2 barricades w/ "D w/c" signs	✓
0946		544 ~~545~~	Placed barricades & "D w/c" signs on Ind Sch	
			from Bullard to Sarival	✓
0947		545	@ 67 ave & Skunk Creek & N/o there -	
			placed barrics also @ 67th ave & Bell	✓
0950		541	"Closed" Ellsworth Rd betw Elliot & Germann	
0953	541		Can ck out Hayden Rd - N/o Bridge	
			(Give to 546A)	✓
[illegible]	546A			

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan. 18, 1979 SHEET 2 OF 3

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
1217		340	99 Ave & Bell is O/S (10-4)	AR
1221		340	Arrival bet Indian School & Bethany Hm water on the Rd. (10-4)	✓
1225		542	Beardsley at Cave Creek "Closed" at 12:25 (10-4)	✓
1229		240	Fwy is now "open" (10-4)	✓
1232	543		39 Ave & Union Hills S/bnd "Stop" down also 75 Ave & Northern "Stop" down (10-4)	✓
1237	545		Arrival bet Indian School & Bethany water on the Rd. Need warning signs 103 Ave bet. Roswell & T-bird (10-4)	✓
1240		342	Rds Closed at Agua Fria Olive, Northern Camelback, & McDowell also Lo. Buckeye, VanBuren and at Jct. Bullard & Broadway (10-4)	✓
1300		351	Hayden & Bridge people all over we need police to get them out (10-4)	✓
1302		150	Tempe Police Com. is 966-6211 (10-4)	✓
1310		244	21 Burdick have them move Delineators on N/Si of Bell & 35 Ave (10-4)	✓
1312	340		is Scottsdale Rd. open (10-4)	✓
1315		543	"Stop" taken care of 37 Ave & Union Hills (10-4)	✓
1318		345	107 Ave & Alabama Red W/bnd out (10-4)	✓
1320	555	~~5~~	W/bnd Red out 107 Ave & Alabama (10-4)	✓
1326		542	10-46? (10-43)	✓
1338		244	87 Ave & Bell N-Si need ban. (10-4)	✓
1340		344	Wash out Wadell & Arrival S/W cor. (10-4)	✓
1342	545		✓ ✓ ✓	
			87 Ave & Bell N-Si need Barr. mud on Rd (10-4)	✓
1351		545	Put up Barr. Arrival bet. Indian School & Bethany Hm (10-4)	✓
13		542	10-7 (10-4)	✓
1358		341	Tomax Cross Rd sign down Happy Valley & Scottsdale (10-4)	✓
1359		343	On Bobcat W/O Jackrabbit water on Si of Rd.	✓
1403		543	"Stop" taken care of 75 Ave & Northern (10-4)	✓
1403		243	331 Ave & Salome Hwy "Stop" & SNS down (10-4)	✓
1409	544		✓ ✓ ✓	✓
1412	545		On Bobcat W/O Jackrabbit water is up (10-4	
			call 544 Hm on the N-Si) 10-4	✓
1412	544		Bobcat W/O Jackrabbit ~~road~~ water is up (10-4)	✓
1427		555	Signal @ 107 ave & alabama taken care of	No
1438		544	331 Ave & Salome Hwy "Stop" taken care of (10-4)	AR
1444		545	Put up Barr. 103 Ave bet. T-bird & Roswell (10-4)	✓

30

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan 18, 1979 SHEET 3 OF 3

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
1448		305	is Fury open (10-4)	AL
1456	545		need Warning signs & Barr. 35 Ave & Pinnacle Pk. Wash (10-4)	✓
1504		351	Call Tempe a lot of people on S/B Hayden (10-4)	✓
1507		545	83 Ave N/O Bell Barr are put up (10-4)	✓
1518		1	get Lathrop on the radio (10-4)	✓
528		150	Flash Floods 2:30 P.M. to 7:PM. this afternoon storm is moving at 20 M.P.H. to Phx. (10-4)	✓
1545		544	Reboat from Jackrabbit W. no water yet but could be later (10-4)	✓
1635	545		No Ans.	✓
1636	546		Glendale & River w/bnd need more barr. (10-4)	✓
1639		543	I am up here I'll help with those Barr. when the Equip. is moved. (10-4)	✓

(10)

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE 1-18-79 SHEET 1 OF 1

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
2155		SO	Higley S/O Germain - Black Top Chipping Away water @ Rd. Level	
2215	546		CK Higley S/O Germain + Advise office So that we can notify operations	
2158		650	67th Ave N/O Bell @ Skunk Creek Possible Rd Closure	
2214	543		CK ~~W~~ 67th Ave N/O Bell @ Skunk Creek For Possible Rd Closure.	
2249		SO	Bell + Auga Fri - Sheriff closed Roadway because approaches Erroting way + awaiting barrades delivered by Highway	
2255	340		Advised Aldeshazo of Possible Rd Closure @ Bell + Auga Fri	
2300	100		Advised Mr Lathrop that the Sherrif Dept. hat closed both approaches to Bell Rd + the Auguz Fri + Advised that we Remain Roadway Closed until County Highway can check it out in the morning.	
2310		545	Beloat Rd bet Jackrabbit + 7th Ave "Closed Rd"	
2320	349		Assisted in Rd closure @ Bell + ~~Auga~~ Auga Fri	
2325	~~2~~542		Unit called to Assist 349 pertaining to Rd closure @ Bell + ~~Auga~~ Auga Fri.	
2327		SO	Arlington - on old US 80 bet Gillispie Dam + Arlington Cattle Co. Water Flowing on Roadway.	
2330	545		CK US 80 bet Gillispie Dam for Possible Rd. Closure	
2341	543	SO	CK 43 Rd Ave + Beardsley For Possible Rd Closure.	
2350		545	Arlington S/O Old US 80 - "Rd Closed"	
2352		545	Desert Rose Rd S/O Old US 80 - "Rd Closed"	
2355		~~545~~ 349	Bell Rd "Closed" fr 107th Ave to Greasewood	
2357		~~545~~ 349	Bell Rd "Closed" At Dysart Rd	
2359		SO	Few Feet N/O Quadalupe on powers Water on Roadway.	
2345		545	Old US 80 & S/O Desert Rose "Closed"	
2120		546	Pima Rd E/O Hyden	
2325		546	Pinnacle Peak Rd @ Skunk Creek "Closed"	
2355		349	Indian School "Closed due to Holes in the Rd.	

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE 1-19-79 SHEET 1 OF

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
0010		650	67th Ave & Skunk creek Possible Rd closure	
0037		543	Beardsley & 35th Ave — Rd Closed"	
0048		543	43rd Ave & Yorkshire Beardsley "Rd closed"	
0104		543	Beardsley & 59th Ave — "Rd Closed"	
0110		664	Central Ave Bridge — Reading 4/10 (25.8")	
0156		542	67th Ave & Skunk Wash — Rd Closed"	
0201	546		C.K. — Few Feet N/o Guadalupe on Powers Barricades Required	
0203		545	Rd Closed" old US80 bet watermelon & Hwy 85.	
0330		546	Gilbert Rd S/o Ocotillo Rd. placed Barricades water on Rd	
0345		545	Elmirage & Mcdowell — Re Set barricades @ Rd. Closure to prevent barricades from washing away.	
0407		545	83rd Ave Just S/o Bethany home Rd — placed barricades D/w Caution — water on Road	
0645		650	Stop Sign Down @ olive & 83rd for W/B	

95-37

Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE January 19, 1979 SHEET 1 OF 2

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
0730			On the air	D.[illegible]
0740		344	961 - 67 ane - N/o Thomas Rd	BN
0828		345	Just "opened" 99 ane betw Thomas Rd & Grand Sch Rd	
1906	541B		Ck our ~~Sign of I-10 @ Riggs~~ Riggs Rd - E/o I-10 Salt River Indian P/D says need barrics & Signs	
0907		345	abv of 0900 hrs "opened" Indian Sch Rd betw 91 ane & 107 ane	
0912		135	Signal on "flash" - N/S bnd @ 27 ane & Buckeye Rd	
09[illegible]		241	21 State - Signal on "flash" Arizona ane & Guadalupe	
0929		310	~~21-261-6044~~ 21-261-6046 have to "45" people fr Bureau Land Management @ Phx & the CAP but can't negotiate the last 2 miles so will continue @ Scottsdale Rd & CAP (10-4)	
0940		544	Just placed "Dw/C" signs & barricades on Riggs Rd on E/Sl for W/bnd @ I-10 (200 ft E/o I-10)	
0941		543B	"Stop" reinstalled - 83RD ane & Olive ane for W/bnd	
0955		546B	10-36?	
1012		349	Maricopa Rd @ Gila River & P/U stranded in middle of river Maricopa County S/O	
1014		346	Bell Rd & Agua Fria now "opened"	
10[illegible]	542B		no answer	
1018		541B	Just placed "Dw/C" on Hunt Hwy for S/bnd	
1019	546B		Cal to place a "Stop" that's down in median - E/bnd @ Power & Eliot	
~~1030~~ 1035		544A	"Closed" - Beloat Rd @ airport Rd for W/bnd @ 1025 hrs also "Closed" Deanl Rd @ airport Rd - E & W/bnd lns	
1035		349	Placed "Dw/C" on Maricopa Rd - 1½ mi N/o Riggs Rd - Gila River is 4 ft deep - 3 ½ yds wide	
1039		543B	"Opened" Pinnacle Peak Rd @ Skunk Creek - Placed "Dw/C" Sigs	
1042		543B	"wrecked" Car - on Scottsdale Rd @ Dynamite Lic Plate # EBG-003 - 77/78 olds - white	

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95-37

Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan. 19, 1979 SHEET 2 OF 2

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
1044	541B		Can put up "Stop" for me? (will ck if have signs w/ me) (can take care of) need "Stop" put up @ E/bnd - in Median Power & Elliot Rds	✓
1100		347B	10-5 to CD150 - Reading is 101" @ Scottsdale Bridge	✓
1140	240		Ck out "ponding" condition on 49 ave cul-de-sac in Bellair Subd (10-4)	✓
1140	~~244~~	541B	"Stop" replaced @ Elliot & Power @ 1140 hrs	✓
1157		347B	10-5 to CD150 - Reading @ Scottsdale Bridge is down 3" - - now @ 104"	✓
1235		543B	115 ave - 1/2 mi N/o Van Buren placed "D w/c" for Chuckholes (can ck out 107 ave & Camelback - Someone P/U "Road Closed" signs & it's still impassable) will ck out that's @ Agua Fria? (10-4)	✓
1238		541B	10-46? (10-43)	✓
1239	543B		Ck out 51 ave & T-Bird - place barricades or cones @ lge chuckholes till can be repaired (10-4)	✓
1312	340		Can have someone clean up 2" nails @ 83RD ave & Oline per S/o? Want Deputy to standby? (neg)	✓
1341		543B	Placed barricades w/ "Road Closed" ~~Signed~~ Signs @ 107 ave & Camelback (Agua Fria) (Can you ck out 43 RD & Beardsley - S/o states - its passable)	✓
1606		650	Signals @ 43RD & - - - - (Couldn't copy)	✓
1642		500	What's Weather Report? (will call)	✓
1645		544A	"opened" old US 80 - S/o Desert Rose @ 1130 hrs; 1 1/2 mi S/o Agua Caliente on old US 80 - placed Barricades & "D w/c" & "detoured" them @ old 80 & Patterson to send back up to S.R. 85 @ 1430 hrs also placed 2 "D w/c" @ old 80 & Centennial Wash	✓
1650	All units		Weather Report is of 1530 hrs per C.D.: "Cloudy Skies Clearing tonite - some fog tomorrow a.m. mostly Sunny Saturday - High Clouds Sunday	✓
1657		520	21 Pinal Co re: new P/U in Gila River (called re: same earlier today)	✓

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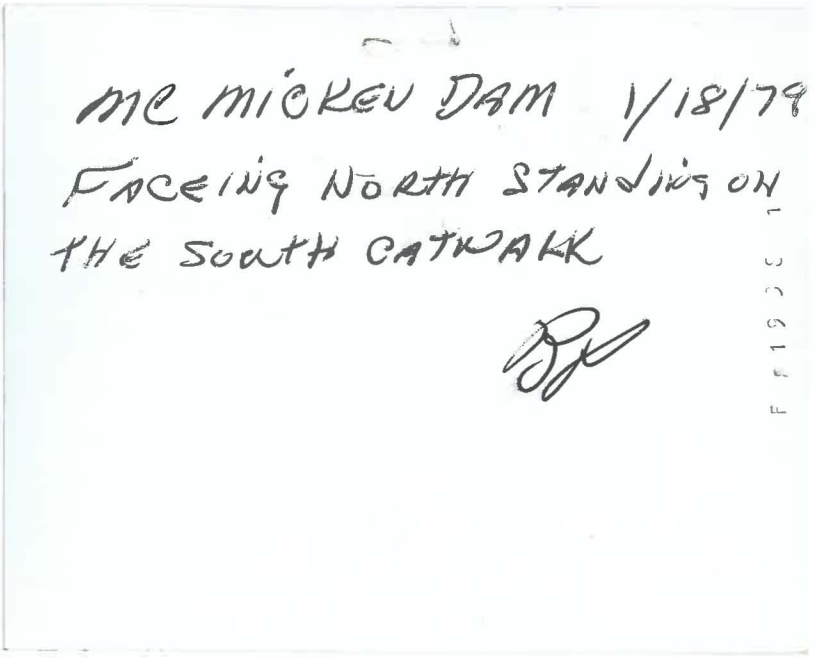
MC MICKEN DAM 1/18/79
FACEING NORTH STANDING ON
THE SOUTH CATWALK

FLOOD CONTROL DISTRICT

STORM SURVEILLANCE REPORT

DATE 1/18/79 JOB NO. 50-016

LOCATION AS LISTED BELOW

PERSONNEL

VEHICLE # 3281 MILEAGE: OUT 21072 IN 21220 TOTAL 150

REPORT PERIOD: FROM 0730 HR TO 1600 HR

SPECIFIC COMMENTS:

BUCKEYE STRUCTURES RECIEVED NO APPARENT DAMAGE FROM EXISTING STORM AS OF 1200 HR. THE (2) TWO RAIN GWAGES EXISTING ON THE FLOODLINE EACH HAD 1.6 INCH OF RAIN AS OF 1145 HR. THE MASON RAIN GWAGE RECORDED 1.43 INCH RAIN THE RAIN GWAGE EXISTING NORTH & EAST OF WATSON ROAD HAD 1.75 INCHES RAINFALL.

WHITETANK STRUCTURES, # 3 & 4 HAD NO WATER BEHIND THEM, HOWEVER AT 1300 HR THE AREAS DID RECIEVE HEAVY RAIN.

MC MICKEN DAM, HAD FILLED TO WITHIN 50' OF THE PRINCIPLE OUTLET WORKS, THE TRILBY WASH HAD RAN HEAVY DURING THE NIGHT, THE STRUCTURE WAS RECIEVEING NO INFLOW AS OF 2:15 PM.

TEAM CHIEF: Bob E Peachey

NAWAS 17 January 1979 0915

THE FLASH FLOOD WATCH HAS BEEN EXTENDED TODAY FOR GILA COUNTY, GRAHAM COUNTY, GREENLEE COUNTY, AND SOUTHERN PORTIONS OF APACHE AND NAVAJO COUNTIES IN ARIZONA.

RAINS HAVE EASED UP IN WESTERN ARIZONA BUT WARM RAINS ARE STILL FALLING ON SNOW COVERED EASTERN ARIZONA AND THERE COULD BE HEAVY RAINS THIS AFTERNOON IN EASTERN ARIZONA.

THE FLASH FLOOD WATCH ISSUED EARLIER THIS MORNING HAS BEEN MODIFIED AND NOW INCLUDES GILA, GRAHAM, GREENLEE AND SOUTHERN PORTIONS OF NAVAJO AND APACHE COUNTIES IN ARIZONA FOR TODAY. A FLASH FLOOD WATCH MEANS A FLASH FLOODING IS POSSIBLE IN THE WATCH AREA. PERSONS IN GILA, GRAHAM, GREENLEE AND SOUTHERN PORTIONS OF NAVAJO AND APACHE COUNTIES IN ARIZONA SHOULD BE PREPARED FOR POSSIBLE FLASH FLOODING TODAY.

THE FLASH FLOOD WARNING ISSUED EARLIER TODAY FOR SOUTHERN YAVAPAI, NORH MARICOPA AND GILA COUNTY IN ARIZONA REMAINS IN EFFECT. FLOODING IS LIKELY IN MANY WASHES AND CREEKS AND ALSO ALONG THE AGUA FRIA, NEW RIVER, HASSAYAMPA TONTO CREEK AND EAST VERDE TODAY. FURTHER STATEMENTS WILL BE ISSUED AS INFORMATION BECOMES AVAILABLE. ml

SRP - 273-2687 (control center)

DICK YANCEE - 933-8251 Supv. Waddell Ken Horton 983-7579

NAWA 261-6000

~~DAN SUKO 962-3041~~

2.2 / 22.0

1485 { 2.5 / 400 cfs

TUCSON SO TO PHOENIX WEATHER 17 January 1979 1000

NORTH SIDE OF TUCSON IS PRESENTLY SOCKED IN FOR SOME REASON. A LOT OF RAIN, HEAVY RAIN. NORTH SIDE WASHES ARE STARTING TO RUN AND ARE STARTING TO CLOSE THEM DOWN AGAIN.

WE'VE GOT HEAVY RAIN UP IN THE ORO VALLEY AND MOVING IN FROM CATALINA CITY IS ANOTHER STORM OF SOME SORT WHICH IS IN THE NORTHERN PART OF TUCSON. VISIBILITY IS CUT DOWN TO LESS THAN 1/4 OF A MILE ON NORTH SIDE OF TUCSON (NORTH SIDE OF TUCSON BETWEEN CATALINA CITY AND MOVING DOWN.)

HAVE A UNIT THAT WILL HAVE TO BE COMING DOWN. STARTING TO CHECK WASHES. JUST CLOSED TWO DOWN. WILL CLOSE SEVERAL MORE BEFORE THE DAY IS DONE. POSSIBLY MORE SHOWERS TODAY AND PROBABLY END BY TONIGHT. TEMPERATURES WILL BE WARM - 38° AT PALLISADES. ml

NAWAS 17 Jan 79 2000 hours.

WEATHER WARNING CONTINUES IN ARIZONA.

SNOW AT ABOUT 6,000 FOOT LEVEL IN THE CENTRAL MOUNTAINS TONIGHT.

FLOODING CONTINUES ALONG THE AGUA FRIA, NEW RIVER, VERDE RIVER AND TONTO CREEK AS WELL AS MANY OTHER STREAMS IN CENTRAL ARIZONA.

RAIN HAS DIMINISHED TO WIDELY SCATTERED SHOWERS, BUT FLOODING WILL PROBABLY CONTINUE OVER MUCH OF THE NIGHT DUE TO THE RUNOFF FROM MODERATE RAINS IN NORTHEAST ARIZONA TO JUST BELOW THE MOGOLLON RIM. FLOODING IN THESE AREAS MAY EVEN WORSEN DURING THE NIGHT. FLOODS WILL BEGIN TO SLOWLY RECEDE THURSDAY MORNING.

FLASH FLOOD WATCHES EARLIER TODAY FOR EASTERN PIMA, EASTERN PINAL, GILA, GRAHAM, GREENLEE, SANTA CRUZ, COCHISE, APACHE AND NAVAJO COUNTIES IN ARIZONA REMAIN IN EFFECT, FOR TONIGHT.

FLOODING IS POSSIBLE ALONG CHEVELON AND CLEAR CREEKS AS WELL AS ON THE LITTLE COLORADO FROM HOLBROOK TO THE WINSLOW AREA.

SNOW IS NOW LOWERED TO 6,000 FEET. THIS SHOULD SLOW THE RUNOFF DURING THE NIGHT.

HEAVY SNOW WARNINGS REMAIN IN EFFECT IN THE MOUNTAINOUS AREAS OF ARIZONA. ADDITIONAL SNOW IS EXPECTED TONIGHT. TRAVEL IN THE MOUNTAINS IS DISCOURAGED, AND IN SOME CASES, IMPOSSIBLE. IF YOU MUST TRAVEL BE PREPARED FOR SEVERE WINTER WEATHER. TAKE PLENTY OF WARM CLOTHING.

UPPER AIR DISTURBANCES RESPONSIBLE FOR THIS MISERABLE WEATHER WILL FINALLY LEAVE THE AREA LATE THURSDAY OR EARLY FRIDAY.

SCATTERED RAIN AND SNOW SHOWERS EXPECTED THURSDAY, WITH PARTIAL CLEARING FRIDAY.

GENERALLY FAIR DRY WEATHER WITH A WARMING TREND IS EXPECTED OVER THE WEEKEND.

FURTHER STATEMENTS WILL BE ISSUED DURING THE EARLY MORNING HOURS.

FHG

NAWAS 18 JAN. 79 1520 hours.

FLASH FLOOD WATCH FOR MARICOPA AND YAVAPAI COUNTIES IS CONTINUED. THIS WATCH INCLUDES THE GREATER PHOENIX AREA.

AN ORGANIZED AREA OF SHOWERS AND THUNDERSHOWERS HAS MOVED INTO WEST PHOENIX, MOVING EASTWARD AT NEARLY 20 MILES PER HOUR.

HEAVY RAIN AND 1/2 MILE VISIBILITY IS REPORTED IN SUN CITY BY THE DPS.

PRECIPITATION HAS OVERSPREAD THE GREATER PHOENIX AREA, AND IN THE NEXT HOUR OR SO IT IS POSSIBLE THAT THIS WATCH MAY BE EXTENDED TO ~~YUMA~~ GILA AND PINAL COUNTIES.

MONITOR RADIO OR TV FOR FURTHER STATEMENTS AS THEY ARE NEEDED.

FHG

SITUATION REPORT

As of: 18 Jan 79, 1200

SALT SYSTEM:
Inflow 52,000 cfs, up 1,000
Release 51,000 cfs, up 1,000
Capacity 43,000 AF down 2,000

VERDE SYSTEM:
Inflow 13,500 cfs, down 500
Release 20,000 cfs, same
Capacity 22,000 AF up 2,000

GRANITE REEF RELEASE: 74,000 cfs up 8,000 cfs

AGUA FRIA RELEASE: 4,000 cfs down 2,000 cfs

CAVE CREEK DAM LINE - 21.1 ft up .2 ft

HEAD WATER LOCATION:

Central Ave has remained relatively constant with only a slight measure inflow at 1200 indicating the 66,000 cfs has reached Central. Also water is rising in Cotton Lane area.

SUB DIVISION AFFECTED:

Holly Acres - river is out of banks at 115th & El Mirage. Several homes have been affected.

Allenville - a few homes have been affected.

Hound Dog Acres - flood, State is providing water, County providing Porta Johns.

Rose Garden - no contact, all people have left.

BRIDGES OPEN:

SALT:
Scottsdale Rd
Mill Ave
Freeway
Central Ave

AGUA FRIA:
Indian School Rd
Grand Ave
Highway 85

EVACUATION CENTER OPEN: Littleton School - 1 family

SITUATION REPORT

18 Jan 79 - 2000 HRS

SALT SYSTEM:	Inflow	35,000 cfs,	gradual drop
	Release	65,000 cfs,	up 10,000
	Capacity	33,000 AF,	down 10,000
VERDE SYSTEM:	Inflow	14,000 cfs,	up 500
	Release	20,000 cfs,	no change
	Capacity	7,500 AF,	down 15,000
GRANITE REEF RELEASE:	~~85,000~~ 74,000 cfs,	~~up 10,500 cfs~~	
AGUA FRIA RELEASE:	6,000 cfs,	up 2,000 cfs	
CAVE CREEK DAM:	22.9 ft.	up .9 ft.	
	Capacity - 17.4 ft.		
	Release - 400 cfs		

AREAS AFFECTED:

Holly Acres - Water level has reached Alta Vista at 122nd Avenue.
Water reported on Southern at 115th.

All other sub-divisions report no change in their situation.

BRIDGES OPEN:

Salt - Scottsdale (should close by 2400).
Mill Ave.
Freeway
Central Ave.

Agua Fria - All open from Grand Ave. to Hwy 85.

EVACUATION CENTER - Littleton School - empty.

(Red Cross indicated they will close by 2200).

Berrey/fhg

SITUATION REPORT

19 Jan 79 - 0800 Hrs.

SALT SYSTEM:	Release	60,000 cfs
	Capacity	81,000 AF
VERDE SYSTEM:	Release	15,000 cfs
	Capacity	24,500 AF
GRANITE REEF RELEASE:	71,500 cfs	
Peak through the night was:	78,500 cfs	
AGUA FRIA RELEASE:	3,000 cfs	
CAVE CREEK DAM:	24.7 ft	
	Release -	400 cfs

BRIDGES OPEN:

Salt - Scottsdale
Mill Avenue
Freeway
Central Avenue

Agua Fria - All open from Grand Avenue to Highway 85.

EVACUATION CENTER - None

FLOODED AREAS: - Allenville - most homes flooded but not as badly

Buckeye - City OK except for diaries along Beloat Rd.

Holly Acres - OK, only 2 homes flooded

Hound Dog - all wells underwater, do have power, new water lines destroyed.

Rose Garden - OK. None flooded - water/power OK

F. Ruf
bl

JOURNAL

DATE 16-17 January 1979 PAGE 1

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
	2100	X		Director		Misc. calls from El Mirage Police, citizens, etc.
	0100	X		"	Sheriff	Sheriff - Lake Pleasant releasing 200 cfs. 200 cfs into Skunk Creek and 200 cfs into New River from canals.
	0130	X		"		Youngtown Police query on Agua Fria.
	0250	X		"	Bud Lestekow	releasing 4000 cfs Bartlett..Horseshoe opening gates.
	0300		X		Director	Notify Sheriff - Esterbrooks - Donald of above.
	0325			"		(0630) 279-4334 Friend - Query on Agua Fria releases. until 935-7411 Luke Ext 7386.
	0335			"		Notified NWS of releases. Was informed snow level up to 7000' from 5000' temp. rising at Flagstaff & Prescott w/snow turning to rain. Rain heavy over valley and generally elsewhere.
	0420					Dick Yancey - Inflow 3000 cfs Lake Pleasant almost full. Plans to release 10,000 cfs at 0700.
	0425		X	Sheriff		Notified Sheriff of above and requested they notify police of towns along Agua Fria.
	0426		X	Bob Friend		Notified Bob Friend of LAFB of Lake Pleasant release.
	0435					El Mirage police called to verify Lake Pleasant release.
	0440					Checked to see if Peoria Police got call from Sheriff on Lake Pleasant release - they had not.
	0510		X	Mathews		Call Mathews
	0515		X	Hubbard		Call Hubbard
	0517		X			Request Sheriff notify Hound Dog Acres and Rose Garden.
	0520	X			Dick Evans	Call from Dick Evans for current situation.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
	0522	X		Director	Major from Luke Ext 7386	DP office open. Water over Northern - to notify Sheriff.
	0525	X			Holzen	El Mirage & Southern (2 blocks N) query on severity of situation.
	0530		X			Call Donald & Esterbrooks on Lake Pleasant release.
	0540	X				El Mirage Police requested phone number of Maricopa Water Users.
	0542		X			Informed NWS of Lake Pleasant report and 0700 release.
	0555		X			Informed Parks Director of situation.
	0610					DDC open - Mathews & Hubbard present for duty. (call forwarding off)
	0600					DDC opened
	0600	X		DDC	Director	Water Releases - Bartlett 4400 cfs at 0300. Pleasant 4000 cfs at 0700 - Potential to 10,000 cfs.
	0615	X		DDC	Hiway	Water Situation - Hassayampa running - Indian School & Baseline closed. Gila River " - Maricopa Rd closed Cave Creek " - 1 ft water at Carefree Rd Cave Creek Dam - Running thru outlet - nothing behind dam at 0520 New River running - 6" at Carefree Hwy McMicken - water running in but low 0520 Queen Creek running- Riggs Rd closed -
	0618		X	Hounddog	Hubbard	Hounddog Acres notified
	0625		X	Sheriff	"	Notified Sheriff of correct water release.
	0630		X	Holly Acres	"	Notified Peg Peterson
	0635		X	Luke AFB	"	Notified of Agua Fria release.
	0644		X	Allenville	"	Notified Willie Wilson of water releases
	0705	X		DDC	Rural Metro	Need sandbags at Sun City station - referred to ANG

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
	0710		X	ANG	Mathews	Col. Colson notified DDC was open.
	0715		X	Sun City	Hubbard	Requested posse to check for flooding in sts.
	0715	X		Les Bond	Director	6000 cfs released from Waddell Dam - Plan on 10000 at 8 or 9. McMicken - water running over outflow. (Hounddog, Rose Garden, Luke notified)
	0730	X		Hiway	Sheriff	Indian School Rd closed - Litchfield Park to Cotton Lane
	0720		X		DDC	Notified all names on Salt River notification
	0748		X	City Manager	DDC	Chuck Miller was briefed on situation.
	0750	X		DDC	Morris Scott	Advised of Allenville local flooding. Canal about to overflow. They will watch and evacuate before being isolated. Will need a Safe Haven.
	0755		X	Red Cross		Red Cross alerted to have SH for
	0800		X	Phoenix	DDC	Phoenix (Frank Fairbanks) briefed on situation
	0805		X	SRP		SRP notified of DDC activation
	0820		X	All	DDC	SRP Water Release Checklist completed
	0830		X		DDC	Alerted DDC staffing departments
	0846		X	New River Mrs. Tyler		New River Command called - Has no problem yet
	0905		X	Flood Control		Dan Sagromoso had nothing new. People were on their way out to Waddell Cave Creek, Black Canyon City. Waiting for result of SRP meeting.
	0914	X			Channel 3 TV	Al Masicas Channel 3 briefed by Mr. Ryder.
	0917	X			Flood Control	Agua Fria, Waddell will be releasing 15,000 cfs at 1000
	0925		X	Agua Fria		Agua Fria Message Checklist complete all given Message #25
	0931	X		DDC		0931 Got info that 15,000 cfs release at 1000 from Stewart 15,000 cfs release at 1000 from Bartlett 15,000 cfs release at 1000 from Waddell

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
	0945		X	SRP Check list		SRP checklist completed 0945 with message #27
	0957		X	Agua Fria		Agua Fria notification was completed at 0957 message #27.
	0945	X			Red Cross	Told of Black Canyon City evacuation John Robinson. Red Cross is setting up Safe Haven where ?
	1005	X			FAA	FAA wanted to be notified of water released Al Boisvert 261-4215
	1015		X	Flood, Hi-way, Sheriff	DDC	Agencies notified to send personnel to activate DDC
	1000			PHX WX	Tucson	See message
	1030	X			Flood Control Dick Yancy	Notified DDC that 20,000 cfs is being released at 1030
	1053			Agua Fria check list	DDC	Completed Agua Fria message check list message #34.
	1056				Maj Reamer	McMicken no problem - no significant inflow - no build up reported as a result of Helo survey by Maj. Reamer. Lake Pleasant release was 8 miles north of Bell and within channel.
	1100	X				NAWAS Flash Flood Watch Message received
	1100	X			Sheriff	Road condition message received
	1130	X				2000 cfs released from Granite Reef
	1130	X			SRP	15,000 cfs released from Stewart Mountain Dam as of 1100 20,000 cfs released from Bartlett Dam as of 1130
	1230	X			Mr. Esterbrooks	Briefed him on current situation on Salt, Agua Fria releases
	1245	X			Water Dist	Notified that release of 25,000 cfs will begin at 1300.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
	1300	X			NWS	1300 WX report
	1322			Agua Fria check list		Completed Agua Fria release of 25,000 cfs at 1300 Messeage #42
	1310	X			Col Smith	He is congressional liaison for FED's on Disaster Assistance. He was given situation briefing. He keeps the Arizona Congressmen office informed.
	1318		X		DDC (Hubbard)	Talked to Willie Wilson's sister, he was not available, I suggested that she tell them to leave. Also said she would tell those working in the area to leave. Willie will call if housing is required.
	1340		X			Notified Mr. Miller of water flow.
	1340	X			Flood Control	Notified of 18,000 cfs released from Granite Reef at 1300
	1345	X			Yancy	Agua Fria has apparently peaked at Black Canyon City at 1130.
	1400	X			El Mirage PD	No damage so far.
	1410	X			SRP	Granite Reef releasing 22,400 cfs
	1427		X			Phoenix, Holly Acres notified of 22,400 cfs as of 1400
	1515	X			Hounddog Acres	Mrs. Franklin called stating water is 5 ft deep at 109th Ave. E, Happy Valley Rd. They are still in their home.
	1545	X			SRP	Water release update: Stewart Mtn - 30,000 @ 1500; Verde River - 25,000 @ 1510; 26,000 @ 1500.
	1550	X			Weather	Significant change from 1300 report: PMR increased to 50% tonight.
	1630	X			Luke AFB	Mr. Friend notified this station that their office is closing; can be reached at home.
	1635	X			Holly Acres	Holly Acres (Mrs. Peterson) requested water data update.
	1705	X			Highways	Water has reached Hayden Road Bridge.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
	1722	X			SRP	Water release update: Stewart Mtn - 35,000 @ 1636; Verde River - 25,000 @ 1600; 32,350 @ 1600.
	1805	X			SRP	Water release update: Stewart Mtn - 35,000 @ 1700; Verde Bartlertt 25,000 @ 1700; Granite Reef 36,700 @ 1700.
	1810	X			Flood Control	Water release at Waddell Dam is down to 20,000 cfs.
	1830				Agua Fria/ Waddell Dam	Water release of Waddell Dam is down to 15,000.
	1800					Red Cross needs a tractor to tow a trailer to Allenville to store furniture - Called Col. Colson - arranged tractor.
	1850					John Robinson called to defer requirement until tomorrow a.m. Col. Colson notified.
	1905					Agua Fria water has cleared Buckeye Road as of 1800 hours.
	1910					Water release update at Granite Reef: up to 45,000 cfs; Stewart Mtn, up to 41,200 cfs Verde holding at 25,000 cfs.
	1930				County Highways	Glendale Ave at the Agua Fria closed due to overflow.
	1945				SRP	Water release update on Salt River: Verde, 25,000 cfs; Stewart Mtn., 45,000 cfs; Granite Reef, 45,000 cfs.
	1950				CD	Stan Mathews recommended to Mrs. Peterson (Holly Acres) to evacuate the area.
	2005				CD	Notified Buckeye PD of Agua Fria, Gila releases.
	2017				CD	Notified John Robinson (ARC) Holly Acres has been advised to evacuate. Will set up shelter & call back.
	2025					Water release update for Waddell Dam: Down to 7,500 cfs at 1930
	2110				SRP	Water release update for Salt River: Verde - 25,000 cfs; Stewart - 45,000; Granite Reef - 9,800.
	2145				Hwy	Hayden Road bridge closed.
	2145				SRP	Water Release update of Salt River: Stewart Mtn Dam, 45,000 cfs; Verde, 25,000 cfs; Granite Reef, 54,750 .

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
76	2200				Flood Control	Water release update at Waddell Dam: Down to 5,000 cfs.
77	2225				Hwy	51st Avenue and Jackrabbit Road bridges closed.
78	2230				C.D.	Red Cross opening Littleton School. Open at 2300.
78	2230				SRP	Mrs. Marley - Resident on Gila River - requested water flow update.
79	2310				SRP	Water release from Granite Reef Dam 60,000 cfs as of 2200.
80	0045				SRP	Water release from GR 63,500 as of 2400. 18 Jan. 1979
81	0145				SRP	Water release from GR 66,100 as of 0100.
82	0200				NWS	Flood watch cancelled as of 0100. No further heavy rains anticipated balance of day. (Monitor).
83	0222				NWS	Printed report.
84	0430			Littleton School	CD	ARC at Littleton School reports no evacuees have been there since they opened at approximately 0020.
86	0600				Gene Nelson	Brought up to the minute on conditions 67th Ave. & Southern. 60,000 cfs est. to reach his area at 1300--1500 hrs.
					Supervisor Atkinson	Updated on conditions - Indicated he may visit CD Center.
87	0700					Situation Report Msg. 87 SALT: (Typed Report)
88	0915				County Highway	Highway 85 south of Buckeye is closed.
89	0925				NAWAS	Updated forecast for Arizona. Traveler's Advisory today, Central Mountains. Considerable cloudiness with periods of snow Central Mountains through Friday. Additional accumulations of new snow up to 2--4 inches by this evening. Elsewhere variable cloudiness with scattered showers through Friday.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
90	0940				Bruce Davis, APS	Water at ** Freeway Crossing messed up., tower, and there is danger of dropping a conductor on the freeway. They have requested DPS to close Freeway until repairs can be made. They have coordinated with Phx Police (Bob Kornegay) as well as DPS. ** Across Interstate 10 at 24th St. APS will advise an estimate of how long Freeway may be closed.
91	1000					Highway 85 - South of Buckeye Closed I-10 Closed min. of 3 hours (1300?)
91	0942					Special Weather Statement The Travelers' Advisory has been cancelled for the Little Colorado Valley and the N.E. Plateau. Satellite pictures and observations show precipitation is occurring in this area. Other scattered showers can be expected through Friday, but no significant snow accumulations are expected. The Travelers' Advisory is continued for the Central Mountains for today.
92	1000				Buckeye P.D.	Received info that Allenville homes were being affected as of 0930. Source was Sheriff's Office radio.
93	1000				Bob Hubbard	Talked to Hound Dog Acres people. Water has run down the roads thru town. (See typed message.) Holly Acres - everyone has been notified.
94	1000				SRP	Stewart Mtn Dam & Verde Bartlett, 66,000 cfs. No change.
95	1200	X			APS Bruce Davis	Freeway is open.
96	1200	X			SRP	Release update: Stewart Mtn. Dam, 51,000 cfs; Verde-Bartlett, 20,000 cfs; Granite Reef, 74,000 cfs; Agua Fria, 4,000 cfs.

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NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
97	1313	X			Mrs. Boutin (Bob Hubbard)	Talked to Mrs. Boutin of Rose Garden. They were not damaged too much by the Agua Fria. Bert Boutin is going to Flood Control and other agencies to see about getting heavy equipment to work on the river bed. To contact them, call 934-2060,Glendale. Ricky or Tony Wehby. They can contact the Boutins on CD RAdio.
98	1200					Situation Report:
99	1344					Special Weather Statement
100	1300	X				Release of flow update: Stewart Mtn Dam, Verde-Bartlett; Granite Reef; no change.
101	1438	X			NWS	Flash Flood watch for Maricopa County. Locally heavy thunderstorms, currently entering County from the West, moving into the Metro Area between 1800--1900.
102	1515	X				Water release update: Agua Fria/Waddell Dam; Increased to 6,000 cfs in anticipation of incoming showers.
103	1505	X			ANG	Received call from Col. Colson re a request for generators to provide power for citizens in Hound Dog Acres due to power outage. A Mr. Reinhard wishes to save freezer food supplies. SRP (Mattingly) verified that a circuit at 105th Ave. is out and that an attempt to re-route power to that area should be completed soon.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
103	1400	X				Water release update: Stewart Mtn Dam, 51,000; Verde-Bartlett, 20,000; Granite Reef, 74,000. No change.
104	1515	X				Cave Creek Dam: Carefree Highway 2.8' - Gates 1 & 2, 2.2, +2.5, 400 cfs, Stage ft. 22.5
105	1700				SRP	Water release update: Stewart, 54,500 cfs; Verde, 20,000 cfs; Granite Reef, 74,300.
106	1740				SRP	Water release update, Salt River: No change to Stewart or Verde - Granite Reef down to 74,000 cfs.
107	1800				Flood Control	Cave Creek at 22.6, cfs 400.
108	1835		X	YAV SO		Request to check out report of heavy flow in Agua Fria near Mayer. Reports river running within banks at Black Canyon City.
109	1900	X			SRP	Water release update at Stewart Dam: Up to 65,000 from 54,500.
110	1900	X			NAWAS	Flash Flood watch cancelled.
111	2025	X			Red Cross	Robinson reported Littleton School shelter closed at 2030 hrs.
112	2105	X			Tempe PD	If Scottsdale bridge closes notify watch commander.
113	2130	X			SRP	Water release update at Salt River: Stewart, 65,000 cfs; Verde, 20,000 cfs; Granite Reef, 74,000 cfs.
114	2135	X			Flood Control	Cave Creek water release: Up to 23.2 @ 400 cfs.
115	2140		X	Hwy 541		Confirmed Scottsdale Rd. Bridge still open. 3 feet under center of bridge with 14 inches on berms.
116	2150	X			CD	Channel 12 (KTAR-TV) arrived to conduct interview re situation.
117	2220	X			KOOL Radio	Power outage in Wickenburg.
118	2222		X	APS	CD	APS confirms power outage - A 12 KV line is down due to water in Hassayampa.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
119	2230		X	Sheriff, Wickenburg	CD	Outage is spotty - no major problems.
120	2300				SRP	77,500 cfs - Granite Reef as of 2200.
121	2400				SRP	Salt Release 60,000 as of 2400 from Stewart Mt. Dam. Verde " 15,000 as of 2400 from Bartlett Dam.
122	0030				FC	Cave Creek 24.7'
123	0050				SRP	77,800 cfs - Granite Reef as of 2400.
124	0315			Gila River Indian Police	Flood Control	Call to Gila River Indian Police revealed that Gila running about a foot lower than in December.
125	0345			CD	Gila River Indian Police	Report that Gila River had risen 5' since 4:00 P.M. yesterday.
						19 Jan 1979
126	0200				FC	Cave Creek 24.8' 400 cfs
127	0430				SRP	Granite Reef Dam - 75,000 cfs as of 0430.
128	0600				FC	Cave Creek 24.8 - 400 cfs.
129	0810	X			SRP	Salt 60,000 cfs Verde 15,000 cfs Granite Reef 71,500 cfs Agua Fria 3,000 cfs Cave Creek 400 cfs
130	0815		X	AZ ES		Requested a water tanker exchange for Hound Dog, Guard is handling.
131	0830	X			SBA	Received call from Don Lloyd (SBA) 261-6841. SBA meeting at Buckeye Water Dept. 0900 and 1600 on 24 January, 31 January, 7 February, 14 February and 21 February.

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NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
132	0830	X			DDC	0800 Situation Report
133	0900					Granite Reef 71,500 cfs (0800 information)
134	0900					Stewart Mtn. Dam 58,000 cfs (0800 info)
135	0900					Verde Bartlett 15,000 cfs (0800 info)
136	1000				Hound Dog Acres	Made contact with Hound Dog Acres, Mrs. Franklin. Everyone is OK. Power is ON. Water is now coming down 109th Ave. deeper than in the river bed. Will work on replacing Porta Johns.
137	1010	X				Talked to Arlington about water flow. No homes damaged so far, only farmland in water area. All people were OK.
138	1042				NWS	Weather Forecast message 19 January 1979.
139	1050					Salt 46,000 cfs since 1000 hrs 1/19 Verde 15,000 cfs since 0800 hrs 1/19 Granite Reef Dam 71,500 since 0800 hrs 1/19.
140	1110	X			Highway	Old Hwy 80 has one ft. water running across at Arlington Cattle Co. Four wheel and truck traffic is being allowed.
142	1015				Mrs.Franklin	Water 1 ft. deep in 109th Avenue. (Typed message offering suggestions for levee work to block off 109th Avenue).
143	1130					Level of Roosevelt 21,032
144	1140	X			Highway	Painted Rock will release 1200--1500 cfs as of 1200.
145	1145					Salt 55,000 since 1100 hrs 1/19 Verde 15,000 since 0800 hrs 1/19 Granite Reef Dam 70,000 since 1100 hrs 1/19 Cave Creek Dam 24.6 level; release 400 cfs.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
146	1230	X			SRP	Releases Salt 55,000 cfs Verde 15,000 cfs Granite Reef 70,000 cfs Agua Fria 3,000 cfs Cave Creek 400 cfs 24.6 ft.
147	1300	X			Luke AFB	Agua Fria is no problem. New River no problem.
148	1330					Situation Report with 1200 info.
149	1430					Release Salt 53,600 Verde 15,000 Granite Reef 70,000
150	1500	X			Mr. Warner	Report 1 ft. rise in water at Beloat and Airport, Buckeye. Also water is muddier than previously.
151	1505		X	Gila Police		Dispatcher reports the Gila is "running full now". Requested they send a patrol to Gila at Salt to determine situation. They agreed and will call back with information.
152	1605	X			Hwy	EOC Log for 19 Jan.
153	1625		X		Mr. Franklin	972-5337. Requested assistance in providing a rope bridge to his mother-in-law's trailer that is isolated on an island at 109th Ave (HD Acres). Mr. Franklin was offered assistance in evacuating his mother-in-law, but he declined.
154	1700	X			CD	SRP and HWY representatives closed down at the DDC. SRP is down to 2 members of their EOC.
155	1740	X			Dave Amburgey	Reported that 6 families <u>may</u> be stranded in area of 115th Ave. and Happy Valley Rd., with no food, phone or utilities. Area is supposedly 1-1/2 miles up river of Hound Dog Acres on <u>West</u> side of river. Information relayed to MCSO, Sgt. Silva, for action.
156	1820	X			MCSO	Sgt Silva informed CD that Deputies are checking the Hound Dog area for last-minute evacuees and also MSG. #155, Choppers will also check the area in the morning.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
157	1850	X			SRP	70,000 cfs will be maintained at least through weekend. Bartlett and Stewart outflow will vary slightly as inflow is adjusted and storage capacity is raised in anticipation of storm due on Monday.
158	1850	X			Peggy Peterson	Check water level on Gila - "Holding steady".
159	2350	x			SRP	Update As of 2343 Granite Reef 61,850 cfs Stewart Mountain 42,200 " Bartlett 15,139 "
						20 Jan. 79
160	0600		x	SRP		As of 0400 Granite Reef 59,500 cfs 0500 Stewart Mountain 41,000 " 0500 Bartlett 15,000 "
161	0800		x		SRP	0700 Water Release Info Stewart Release 41,000 Salt Inflow 15,000 Salt Capacity 130,000 Bartlett Release 15,000 Verde " 8,000 Verde " 35,000 Granite Release 58,300
162	0805	x			Ed Schieder	There is some concern with Scottsdale Bridge, having engineer checking it today.
163	1010	x			Red Cross	Red Cross is working on putting together survey teams. They are feeding about 12 families from around the County and State. John Robinson will check in later today if any problems crop up.
164	1200		x		SRP	Stewart Release 38,900 Salt Inflow 5,400 Bartlett " 15,000 Verde " 5,800 Granite " 56,600

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
165	1330	X			Radio News Report	Report of Santa Cruz was causing trouble at Marana. Called 262-8212, DPS Watch Commander. The patrol on I-8 have not observed anything unusual. We might keep up with this water, so Flood Control can be notified. Told Dan Sagramoso of Santa Cruz possible problem.
166	1401	x			520	Accident on south approach to Scottsdale Bridge. Called Sheriff's Office for 520.
167	1937	x			520	Requested call at home (967-6016--Evans) if any increase in releases from Salt. (More than 57,000 cfs.)
						21 Jan. 79
168	0220	x			SRP	Stewart Mt. 35,600 Bartlett 4,400 (Nothing from spillway) Granite Reef 53,000
169	0700	x			SRP	Stewart Mt. 34,800 Bartlett 4,400 Granite Reef 43,000
170	1040	x		Bluhm	WX NWS	Least effect forecast - Front will be delayed. WX will pass to the South of local area. Worst effect forecast - One to two inches of rain and warm. Front will be delayed.
171	1600	x		Mathews	SRP	Outflow Stewart Mt. 26,600 cfs. Bartlett 4,400 cfs Granite Reef 37,500 cfs Inflows Salt 4,200 cfs Verde 3,200 cfs Available Storage Salt 190,000 Acre Feet Verde 40,000 " " Meet at 1800 to evaluate further.
	1515					DDC CLOSED.

NO.	TIME	IN	OUT	TO	FROM	SUMMARY OF MESSAGE, EMERGENCY REPORT OR INCIDENT
172	0930					757,586 AF in San Carlos, 0800 SITREP
173	0940					153,000 AF in Pleasant Releasing 1,000 cfs.
174	1025					Highway Dept. has diverted Agua Fria back into old channel at Hound Dog. Apparently Guard refused use of its dozer (Radio 300 & 340).
175	1300				SRP	1200 Release Info Stewart Mt. 0 Shut down to move equipment, 21,000 cfs will be released again at 1400--1500. Bartlett 4,400 cfs Granite Reef 10,000 cfs Agua Fria 1,000 cfs Salt Inflow 2,500 Verde " 2,100 Salt Capacity 209,000 Verde " 46,000
176	1300					See Msg. 176 (Emergency phone number list).
177	1345					1200 SITREP.
178	1400		x	SRP		Requested Release Forecast. Gradually reducing to 10,000 cfs. Will continue releasing 10,000 cfs or match release with inflow for 2 weeks. Want to reduce Roosevelt 6 ft.
179	1430	x			Boss CH 12	Request info on release flow contained in 178 above.
180	1600					1600 SITREP.
181	0600				SRP, MACO Water Dist.	SITREP - 0600 23 Jan. 79
182	1100					SITREP - 1100
183	0700					24 Jan. 79 SITREP

4/17/79

Joe 934-9324

9:05 Flow in Agua Fria at alignment of road dipping into floodplain toward Hound Dog Acres (Not certain how close to water front)

95"

Proceeded to Rose Garden Lane - no flow in river.

10:40 - Road closed at Hounddog Acres - (No flow at Rose Garden Lane)

30"

11:10 FRONT AT ROSE GARDEN LANES

140"

JOMAX ROAD 20K peak

relieved 20K @ 1013

1330 approx. 1' rise in water surface elevation since 1130 at Jomax Road Crossing.

20"

1350 GRANDE AVE

45"

1435 Peoria Ave by radio report?

15"

1450 Olive Ave.

30"

1520 Northern Ave.

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE January 17, 1979 SHEET 1 OF 6

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
0730			On the air	Bn
0736	542		Ck on 65th Ave & Dobbins Rd for flooding	✓
0743	545		On 3rd Sch Rd betw Litchfield Rd & Cotton Ln flooded	✓
0744		540	Cotton Ln & Beth Dome Rd - Bad Hole	✓
0746	541		Need "D w/c" Signs needed on McKelligon Rd - E/o Hayden also same needed on McKelligon - ½ mi E/o Hayden Rd	✓
0804	543		Per S/o - "Cave-in" - 59 ave & Michelle	✓
0805	541		Ellsworth Rd N/o Elliot to Broadway w/b running 6" road washed out on westbound	✓
0806		543	Carefree Hwy betw I-17 & Cave Crk Rd "Closed"	✓
0808		351	91 ave & SR 85 - Signal out Completely (called SRP - Power outage)	✓
1808		520	349 on Barricades in Gila Bend area	✓
0810	543		Washes running - Carefree Hwy - Cave Crk Rd to Scottsdale Rd	✓
0811	543		Cave Crk Rd - S/o New River Rd - first wash is running	✓
0812	541		Per S/o Power Rd betw Southern & Bdwy under 2 ft of water	✓
0814		357	S.R. 85 from 107 ave to 99 ave - bad "Chuckholes" - w/ Brd Bn (called State)	✓
0818	541		Per S/o - @ 91st Ave Bridge @ Hayden & 1st Cuts - Lagoons	✓
0820	545		Meadow & Bryant Rd flood to ¼ mi South per S/o	✓
0821		541	N Power Rd - N/o Bdwy "Closed" @ "Right" lane	✓
0826	349		Per S/o - Washes running - Suggest Closing Salome Rd @ Winterburg	✓
0830		342	Placed 2 barricades @ Cloud & Johnson Rd	✓
0831		545	Northern & New River "Closed"	✓
0837		541	as of 0830 hrs "Closed" Power Rd betw Southern & Baseline	✓
0838	544		Per S/o Rd "Caving in" @ 43 ave & Hier	✓
0846	541		2 S/o - on Power Rd - ½ mi S/o Southern hang "Closed" it & people stuck in water - went around barricades	✓
0847		543	"Closed" New River Rd @ Cave Crk wash & also New River Rd & Cave Creek Rd "Closed"	

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan 17, 1979 SHEET 3 OF 6

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN S OPERA
1001	542		No answer	Vi
1003		541	Placed "D w/c" on Germann Rd E/o Sossaman	✓
1004	542		no answer	✓
1006		544	Placed Barricade & "D w/c" - Cotton Ln fr Ind Sch Rd to 1/2 mi north also 1/2 mi N/o the same location the railroad track is undermined - all washed out - 21 Santa Fe R/R	✓
1016	542		No answer	✓
1016	543		✓ ✓	✓
1022		541	Sossaman Rd @ Queen Creek "Closed"	✓
~~1029~~		341	Water running on Beardsley Rd w/o 35 ave & 45 ave; & on 35 ave - 1/4 mi N/o Beardsley @ Skunk Creek Wash & 67 ave N/o Bell also 43 ave betw Beardsley & Union Hills Dr	✓
1031		545	Took care of first 3 ~~ca~~ locations of 341's transmission & now on way to take care of 43 ave betw Beardsley & Union Hills Dr	✓
1034		544	on Cotton Ln - 700 ft N/o Beth Hm Rd - placed "warning" signs on debris which came from Railroad (Santa Fe) - tell Santa Fe R/R to ck on Cotton Ln going N fr Ind Sch Rd - the intersection of Cotton Ln & Beth Hm Rd - NE Cor - "washed out" - placed barricades	
1038		545	Placed "D w/c" @ 43 ave & Bell Rd	✓
1039		349	(not receiving office)	✓
1042		340	411th ave N/o Salome Hwy "washed out" - closed @ Ind Sch & ~~411 ave~~ Salome Hwy	✓
1043		~~543~~ 541	Broadway & Power Rd - "open" @ N/bnd outside lane	✓
~~1044~~	543		Per P & R: New Piner & Carefree Hwy has 2 1/4 to 3 ft water	✓
1046		340	New Piner & Carefree Hwy Intce is State's @ I-17	✓
~~1047~~		345	"Closed" Hatfield @ 107 ave	✓
1049		541	"Stop" replaced - had been painted over - McDowell & Bush Hwy	✓
1051	545		No answer	✓
1102		541	Re: "Stop" @ 48 St (Mesa #) & Brown Rd - never had "Stop" there - also 342 "opened" Sossaman betw Southern & Broadway @ 1055 hrs	✓

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan. 17, 1979 SHEET 4 OF 6

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
1103		545	on 43 ave betw Union Hills & Beardsley & also Greenway betw 51 ave & 43 ave. placed barricades & "D w/c" Signs	✓
~~1108~~	545		Per S/o - need Barricades @ 83rd Ave & New River	✓
1110	541		Per S/o - need "Caution" on University Dr fr 111th Pl. to Merrill Rd	✓
1114		556	Signal taken care - Bush & University	✓
1114	541		Per S/o w/bnd - Brown & Recker "Stop" - down	✓
1115		349	Placed "D w/c" on dip section - of Salome Hwy fr Wintersburg to 411 ave	✓
11[illegible]3		542	Call re: 65 St & Doubletree is in Paradise Valley	✓
~~1125~~		545	Union Hills Dr & New River "closed"	✓
~~1127~~		545	83 ave & New River "Closed"	✓
1128		544	"Closed" 99 ave fr Thomas Rd to Ind Sch Rd	✓
1133		306	Intersection of Waddell & Litchfld Rds need "warning" Signs	✓
1136	545		Read 306 @ 1133 hrs? (no) Inter of Waddell & Litchfld Rds - need "warning" (10-4)	✓
1139		546A	Placed "D w/c" - N/Si. Hayden & Bridge @ Salt River	✓
~~1142~~		349	"D w/c" placed on old US 80 @ Centennial Wash"	✓
1146		351	"Dip" on northern - E/o Reems needs "D w/c"	✓
11[illegible]		344	need "warning" Signs - on Olive - E & W/o Dysart Rd	✓
1148	545		no answer	✓
1148	541		Took care of "Stop" - Brown & Recker Rds	✓
1227	545		need more signs on N/Si. for E/bnd @ T-Bird & New River	✓
1229		349	Placed "D w/c" on old Indian Rd - W/o Stout Rd	✓
1233		541	"Opened" - Power Rd betw Southern & Baseline	✓
1305		544	Took Call for 545 on Olive ave - E & W/o Dysart Rd	✓
1305		545	Placed Barricades on Dysart - N/o Waddell & on Waddell - W/o Dysart & "D w/c"	✓
1319		545	Placed barricades & Signs on Waddell just E/o Litchfld Rd	✓

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan 17, 1979 SHEET 5 OF 6

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
1320	340		Lge tree branch blocking off one lane @ wash N/o Cahava Ranch Rd & Spur Cross Rd (this wash is 500 ft N/o Intersection)	✓
1324		546A	"Closed" Sossaman Rd betw O'Cotillo & Pittenhouse	✓
1331	545	~~545~~	Per S/o - 107 ave & Happy Valley Rd needs to be "closed" - sent their 4-wheel drive out & couldn't get in	✓
1331		306	need barricades @ E/si 99 ave & New River	✓
1337		544	Placed "barricades" & "warning" signs - on northern 1½ mi W/o Lichfield Rd	✓
[illegible]		545	T-Bird & New River "Closed"	✓
1339		345	The x-ing @ 99 ave & New River needs barricades on E/si for W/bnd	✓
1343		520	You're very 10-2	✓
1349		546A	Barricades & warning signs placed @ Riggs Rd & Senoki Wash	✓
1353		544	Ck w/ C/Peoria ri: 99 ave & New River	✓
1354		305	on El Mirage Rd (123 ave) S/o Cactus Rd alignment - wtr running West to E/side	✓
1357		546A	"Closed" Riggs Rd - betw Hawes & 196th St	✓
1400		520	99 ave & New River is blocked off by C/Peoria but we have New River @ northern blocked off	✓
1401		306	El Mirage ¼ mi N/o Olive water running "hub cap" deep @ three places	✓
1[illegible]4	305		57 ave & Salt River "open" (10-4)	✓
1405	545		Ck El Mirage - ¼ mi N/o Olive	✓
1406		546A	@ Chandler Hts Rd & Senoki Wash placed barricades & "warning" signs	✓
1408		541A	@ 1400 hrs - "opened" Ellsworth betw Elliot & Baseline & "opened" Ellsworth betw Elliot & Germann	✓
1415	390		21 Paul Mercer	L.O.
1421	545		Ck 59 ave & Bell for washout	Vi
1423		306	Just came thru 59 ave & Bell - 10-4	✓
1429		244	59 ave & Bell ck'd out OK	✓
1432		545	Couldn't get in @ 107 ave & Happy Valley Rd so "closed" Jomax & 99 ave & 107 ave & Beardsley	✓

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan. 17, 1979 SHEET 6 OF 6

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
1433		544	Placed Portable "Stop" for W/bnd @ Grenny & Reems	✓
1434		244	75 ave & Bell 10-4 also	✓
1441	342		No answer	✓
1446		544	Grenny "closed" from Bullard to Reems	✓
1459		546A	10-46? (10-43)	✓
1501		520	Want of H L to radio	✓
1509	541		Need Barricades on Jones E/o Crismon per 342 (Give to 546A)	✓
1510	546A		Read 541? (10-4 - will give to "Standby"	✓
1511		545	Re: 59 ave & Bell - there had been trench in middle of rd but black-top been placed on it & is 10-4	✓
1530		531	"Closed" Northern @ El Mirage Rd for Agua Fria X-ing @ 3:30 pm	✓
1531		345	@ 3:30 pm - "closed" Northern @ 107 ave	✓
1535		544	Placed barricades on El Mirage Rd ~~& ta~~ from Cactus Rd alignment to Desert Cove Rd	✓
1602	546		No answer	✓
1615	546		along S/bnd ln of Scottsdale Rd from Jomax to Carefree Hwy - lots of hazardous chuckholes per S/o (gave to Lencho on 21)	✓
1619	546		Lencho said you were to take Emery calls Hoh @ River X-ings	✓
1619		520	Alma School "closed" @ Salt River	✓
1617	546		Also take care of N/bnd ln on Scottsdale Rd between Dynamite & Dixileta hazardous chuckholes per S/o	✓
1644	546A		Ck out Blue Point @ Bush Hwy & Salt River per S/o	✓
1704	521		Per S/o @ first wash - 1 mi E/o 15 ave on Lewis River Rd need barricades & "Dw/c" Signs ~~per~~	✓

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Maricopa County Highway Department

OPERATING LOG — RADIO STATION KHW61

156.99 M.C. KC-6538

DATE Jan. 18, 1979 SHEET 1 OF 3

TIME	UNIT CALLED	UNIT CALLING	TEXT OF TRANSMISSION	MAIN OPERA
0730			on the air	Br
0807		555	Powers & Williams Field "Sig" taken care of (10-4)	SLt
0810		150	Glendale Bridge is "Closed" (10-4)	✓
0811		150	Give me a report as soon as you get a new one # is 273-1413 (10-4)	✓
0825		345	at 8:25 Dysart & 107 on Glendale were open (10-4)	✓
0828		546	7 Ave & Cave Creek ~~of~~ "closed" at 0825 (10-4)	✓
0831		541	Glendale & 99 Ave "open"	✓
0833		360	is Glendale "open" (10-4)	✓
0834		150	give me a call and report the Rds "Closed" (10-4)	✓
0856	541		Who is working your area (you need to ask 540) 10-4	✓
0857	540		"Stop" down Recker & Brown (10-4)	✓
09[illegible]		342	"Stop" down ✓ ✓	✓
0948		245	Twisted "Sig" 111 Ave & Alabama (10-4)	✓
0952	555		✓ ✓ ✓	✓
007		150	Fwy "Closed" at 24 St A.P.S. lines are down (10-4)	✓
026		582	Is the Fwy "Closed" at Salt (10-4)	✓
027	343		No Ans.	✓
035	340		on Shea w/o senic overlook truck overturned stuff all over the Rd. (they have to clean up that we don't do it, find out what it is)	✓
040		540	Beardsley & Cave Creek can be "closed" (10-4)	✓
042		340	Anymore info on that truck (Neg.)	✓
042		555	"Sig" 111 Ave & Alabama taken care of (10-4)	✓
102	340		Is Bell "Closed" at Fwy (Neg) 10-4	✓
102	340		S/o doesn't have anyone at Shea but they will let the man know he has to do it (10-4)	✓
1103		242	I'll let you know if Bell is "Closed" (10-4)	✓
1105		550	43 Ave & Bell w/bnd needs D/W Caution (10-4)	✓
11[illegible]		242	Bell is fine at the Fwy. (10-4)	✓
1113	542		No Ans.	✓
1116	540		Who is taking N-W (543) & N-E (542) 10-4	✓
1117	543		43 Ave & Bell w/bnd Need Drive w/caution (10-4)	✓
1118		360	21 State Jack Rabbit & S.R. 85 S-bnd "Sig" out (10-4)	✓
1121		541	Beardsley & Cave Creek water on Rd. (10-4)	✓
1130		544	Enterprise from Old 80 S. Rd "Closed" (10-4)	✓
1203		150	I-17 is now "Open" (10-4)	✓
1207		546B	"Stop" Recker & Brown taken care of (10-4)	✓
1208		346	75 Ave & Northern "Stop" down (10-4)	✓
208		340	39 Ave & Union Hills S/bnd "Stop" down (10-4)	✓
1211	340		99 ave - 1/8 mi s/o Bell Rd - opposite Bell Recr. Center - in N/bnd ln - rd undermined (near a yellow water hydrant (I'm here now & see nothing wrong with th - will ck)	Vi

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