

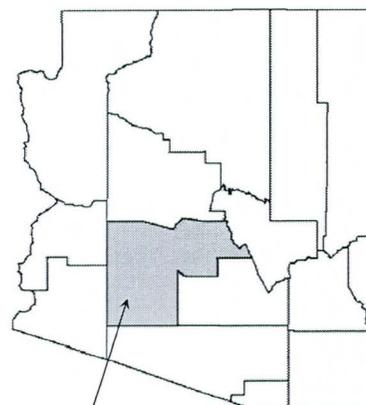
# FLOOD INSURANCE STUDY



VOLUME 1 OF 23

## MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS

| COMMUNITY NAME                            | COMMUNITY NUMBER |
|---|------------------|
| AVONDALE, CITY OF                         | 040038           |
| BUCKEYE, TOWN OF                          | 040039           |
| CAREFREE, TOWN OF                         | 040126           |
| CAVE CREEK, TOWN OF                       | 040129           |
| CHANDLER, CITY OF                         | 040040           |
| EL MIRAGE, CITY OF                        | 040041           |
| FOUNTAIN HILLS, TOWN OF                   | 040135           |
| GILA BEND, TOWN OF                        | 040043           |
| GILBERT, TOWN OF                          | 040044           |
| GLENDALE, CITY OF                         | 040045           |
| GOODYEAR, CITY OF                         | 040046           |
| GUADALUPE, TOWN OF                        | 040111           |
| LITCHFIELD PARK, CITY OF                  | 040128           |
| MARICOPA COUNTY<br>(UNINCORPORATED AREAS) | 040037           |
| MESA, CITY OF                             | 040048           |
| PARADISE VALLEY, TOWN OF                  | 040049           |
| PEORIA, CITY OF                           | 040050           |
| PHOENIX, CITY OF                          | 040051           |
| QUEEN CREEK, TOWN OF                      | 040132           |
| SCOTTSDALE, CITY OF                       | 045012           |
| SURPRISE, CITY OF                         | 040053           |
| TEMPE, CITY OF                            | 040054           |
| TOLLESON, CITY OF                         | 040055           |
| WICKENBURG, TOWN OF                       | 040056           |
| YOUNGTOWN, TOWN OF                        | 040057           |



Maricopa County

REVISED: OCTOBER 16, 2013



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER  
04013CV001B

1302.076

**NOTICE TO  
FLOOD INSURANCE STUDY USERS**

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. Please contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS report by Letter of Map Revision process, which does not involve republication or redistribution of the FIS report. Therefore, users should consult community officials and check the Community Map Repository to obtain the most current FIS report components.

Users should refer to Section 10.0, Revisions Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of this report should be aware that the information presented in Section 10.0 supersedes information in Sections 1.0 through 9.0 of the FIS report.

Initial Countywide FIS Effective Date: April 15, 1988

Revised Countywide Dates: September 29, 1989  
September 4, 1991  
December 3, 1993  
September 30, 1995  
July 19, 2001  
September 30, 2005  
October 16, 2013

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| Rio Verde Wash 10 Split 4                      | Panels 1036P-1038P |
| Rio Verde Wash 10 Split 7                      | Panels 1039P-1040P |
| Rio Verde Wash 11                              | Panels 1041P-1050P |
| Rio Verde Wash 11 Split 1                      | Panels 1051P-1052P |
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| Rio Verde Wash 11 Split 8                      | Panels 1055P-1059P |
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| Trilby Wash Middle Channel   | Panel 1357P        |
| Trilby Wash West Channel     | Panel 1358P        |
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| Tuthill Dike Wash            | Panels 1362P-1371P |
| Twin Buttes Wash             | Panels 1372P-1377P |
| Twin Peaks Wash              | Panel 1378P        |
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| Unnamed Wash No. 1           | Panels 1386P-1392P |
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| Wash 4 East  | Panels 1462P-1463P |
| Wash 5 East  | Panels 1464P-1467P |
| Wash 6 East  | Panels 1468P-1470P |
| Wash 6 East South  | Panel 1471P        |
| Wash 7 East  | Panel 1472P        |
| Wash 7 East East Split                                   | Panels 1473P-1474P |
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| Wash G                    | Panel 1534P        |
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| Wash I                    | Panels 1537P-1538P |
| Wash K                    | Panels 1539P-1542P |
| Wash K1                   | Panel 1543P        |
| Wash L                    | Panels 1544P-1545P |
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| Wash T4N-R3W-S08E         | Panels 1562P-1565P |
| Wash T4N-R3W-S08W         | Panels 1566P-1568P |
| Wash T4N-R3W-S09W         | Panels 1569P-1571P |
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| Wash T5N-R2W-S19E         | Panels 1589P-1590P |
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| West Split Flow Through El Mirage      | Panels 1626P-1627P |
| White Granite Wash                     | Panels 1628P-1633P |
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| Willow Springs Wash Tributary 2        | Panels 1680P-1683P |
| Willow Springs Wash Tributary 2A       | Panels 1684P-1686P |
| Willow Springs Wash Tributary 4        | Panels 1687P-1691P |
| Willow Springs Wash Tributary 5        | Panels 1692P-1695P |
| Willow Springs Wash Tributary 5A       | Panels 1696P-1698P |
| Willow Springs Wash Tributary 6        | Panels 1699P-1701P |
| Willow Springs Wash Tributary 6A       | Panel 1702P        |
| Willow Springs Wash Tributary 6B       | Panel 1703P        |
| Willow Springs Wash Tributary 6C       | Panel 1704P        |
| Windmill Wash                          | Panels 1705P-1706P |
| Windmill Wash North Branch             | Panels 1707P-1708P |
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| Wittmann Wash North Split              | Panel 1722P        |
| Wittmann Wash South Split              | Panels 1723P-1724P |
| Wittmann Wash Tributary                | Panels 1725P-1726P |
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**PUBLISHED SEPARATELY**

Flood Insurance Rate Map Index  
Flood Insurance Rate Map

**FLOOD INSURANCE STUDY  
MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS**

**1.0 INTRODUCTION**

1.1 Purpose of Study

This Flood Insurance Study (FIS) revises and updates information on the existence and severity of flood hazards in the geographic area of Maricopa County, Arizona, including the Cities of Apache Junction, Avondale, Chandler, El Mirage, Glendale, Goodyear, Litchfield Park, Mesa, Peoria, Phoenix, Scottsdale, Surprise, Tempe, and Tolleson; the Towns of Buckeye, Carefree, Cave Creek, Fountain Hills, Gila Bend, Gilbert, Guadalupe, Paradise Valley, Queen Creek, Wickenburg, and Youngtown; and the unincorporated areas of Maricopa County (hereinafter referred to collectively as Maricopa County). This information will be used to update existing floodplain regulations as part of the Regular Phase of the National Flood Insurance Program (NFIP). The information will also be used by local and regional planners to further promote sound land use and floodplain development.

The Town of Apache Junction is geographically located in Maricopa and Pinal Counties. The Town of Apache Junction is not included in the FIS report. See the separately published FIS report and Flood Insurance Rate Map (FIRM) for Pinal County, Arizona and Incorporated Areas for flood hazard information.

The City of Peoria is geographically located in Maricopa and Yavapai Counties. The City of Peoria is included in its entirety in this FIS report.

The Town of Queen Creek is geographically located in Maricopa and Pinal Counties. The Town of Queen Creek is included in both the Maricopa County and Pinal County FIS reports.

In some States or communities, floodplain management criteria or regulations may exist that are more restrictive or comprehensive than the minimum Federal requirements. In such cases, the more restrictive criteria take precedence and the State (or other jurisdictional agency) will be able to explain them.

1.2 Authority and Acknowledgments

The sources of authority for this FIS are the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973.

This FIS is based on previous FISs for the various incorporated communities and unincorporated areas within Maricopa County. Detailed information on the contractors who studied each area is provided below.

The original hydrologic and hydraulic analyses for this study were performed by the U.S. Army Corps of Engineers (USACE), Los Angeles District, for the Federal Emergency Management Agency (FEMA), under Interagency Agreement Nos. IAA-H-15-72 and IAA-H-15-73. This study was completed in 1973.

Additional hydrologic and hydraulic analyses for many streams within the county were performed by Harris-Toups Associates under Contract No. H-4008. This work was

completed in February 1978 and January 1979.

Hydrologic and hydraulic analyses for Cave Creek (downstream of Cave Creek Dam) and for East Fork of Cave Creek were revised by Cella, Barr, Evans, and Associates, under Contract No. H-4607. This work was completed in October 1980.

Additional hydrologic and hydraulic analyses for portions of the Agua Fria and New Rivers, and Skunk Creek were performed by the USACE under contract to the Flood Control District of Maricopa County (FCDMC) Hydrologic and hydraulic analyses for portions of the Salt and Gila Rivers were performed by Harris-Toups Associates in October 1977. The 1-percent-annual-chance flood for portions of the above streams, as well as the 0.2-percent-annual-chance flood for the Agua Fria River, was computed by Dames & Moore using data provided by the USACE, Los Angeles District. Approximate floodplain boundaries and boundaries for areas subject to sheet flow were delineated by Dames & Moore.

Hydraulic analyses for portions of the following streams were taken from the effective Flood Insurance Studies for the incorporated communities (FEMA, September 30, 1982; FEMA, August 3, 1982; FEMA, February 15, 1980; FEMA, unpublished; FEMA, July 16, 1980; U.S. Department of Housing and Urban Development, December 1, 1978; FEMA, 1979; FEMA, September 30, 1983; FEMA, September 22, 1981; FEMA, October 18, 1983; FEMA, May 15, 1980; FEMA, 1986; FEMA, January 16, 1981; FEMA, June 1, 1984; FEMA, December 4, 1984; FEMA, March 1, 1983; FEMA, December 14, 1982; FEMA, January 16, 1980; FEMA, March 24, 1983; U.S. Department of Housing and Urban Development, November 15, 1978): Agua Fria River, Gila River, Hassayampa River, New River, Salt River, Skunk Creek, Scatter Wash, Aguila Farm Channel, Andora Hills Wash, Atchison, Topeka & Santa Fe Railway Channel, Casandro Wash, South Branch, Casandro Wash, Cave Creek, East Fork of Cave Creek, Dreamy Draw Wash East, Echo Canyon Wash, Flynn Lane Wash, Flying E Wash, Galloway Wash, Granite Reef Wash, Grapevine Wash, Grass Wash, Hospital Wash, Indian Bend Wash, Indian Bend Wash-Low Flow Channel, Little San Domingo Wash, Lower El Mirage Wash, Martinez Wash, Mockingbird Wash, Moon Valley Wash, Myrtle Avenue Wash, Ocotillo Wash, Powder House Wash, Rowe Wash, Tenth Street Wash, Wash B, Willow Springs Wash, and Weekes Wash.

The hydrologic and hydraulic analyses for portions of the Agua Fria, New, Gila, and Salt Rivers, Skunk Creek, and Scatter Wash included in the restudy were performed by the USACE, Los Angeles District, for FEMA, under Interagency Agreement No. EMW-E-0941, Project Order No. 10. This work was completed in March 1986.

Revised hydrologic and hydraulic analyses for Sols Wash, which passes through the Town of Wickenburg and extends to the county boundary between Maricopa and Yavapai Counties, were performed by Cella Barr Associates (CBA), for FEMA, under Contract No. EMW-85-C-1909. This restudy was completed in December 1986.

Revised hydraulic analyses for a portion of Consolidated Canal were performed by Greiner Engineering Sciences, Inc. for the City of Mesa in 1984 (Greiner Engineering Sciences, 1984).

Revised hydraulic analyses for a portion of the Agua Fria River in El Mirage were performed by Engineering and Surveying of Arizona, Inc., in November 1984

(Engineering and Surveying of Arizona, Inc., 1986).

Revised hydraulic analyses for flooding along a portion of the Atchison, Topeka & Santa Fe Railway in the City of Chandler were performed in July 1980 (Harris-Toups Associates, 1984).

Revised hydraulic analyses for a portion of East Fork of Cave Creek in the City of Phoenix were performed by Erie and Associates, Inc., for the Coral Gables Estates Unit Six Subdivision in November 1985 (Erie and Associates, Inc., 1985).

This study was revised in 1986 to incorporate either new or revised hydrologic and hydraulic analyses for several flooding sources throughout the county. FEMA decided to include flooding information through the incorporated communities to provide the county with a more usable FIRM.

The hydraulic analyses for Stagecoach Pass Wash from a point approximately 1,350 feet downstream of North 84<sup>th</sup> Street to a point approximately 600 feet downstream of North 84<sup>th</sup> Street were performed by Map-IX Mainland, for FEMA, under Contract No. EMF-2003-CO-0047, Task Order 009. The work was in February 2007.

The hydraulic analyses for Stagecoach Pass Wash Overflow from the confluence with Stagecoach Pass Wash to a point approximately 200 feet downstream of North Indian Camp Trail were performed by Map-IX Mainland, for FEMA, under Contract No. EMF-2003-CO-0047, Task Order 009. The work was completed in February 2007.

Base map information shown on this FIRM was derived from multiple sources. Base map files were provided in digital format by the Maricopa County Department of Public Works, Flood Control District. Orthophoto images were produced at a scale of 1:6,000 using HARN for control. Aerial photography is dated December 2000 to December 2007.

### 1.3 Coordination

The FCDMC assisted in the selection of the areas that were studied by detailed methods and the selection of preliminary floodway limits. The Arizona Department of Transportation provided highway maps used for the preparation of base maps covering undeveloped areas studied only by approximate methods. This study was also coordinated with the Special Studies Section of the Water Resources Division of the U.S. Geological Survey (USGS), Tucson, Arizona (U.S. Department of the Interior, 1982). On May 31, 1977, results of the study were reviewed at the final consultation and coordination meeting, which was attended by residents of the county and representatives of the FCDMC and FEMA.

## 2.0 AREA STUDIED

### 2.1 Scope of Study

This FIS covers the geographic area of Maricopa County, Arizona.

The flooding sources studied by detailed methods are shown in Table 1. The areas studied by detailed methods were selected with priority given to all known flood hazards and areas of projected development or proposed construction.

Portions of some flooding sources were studied by approximate methods and are shown in Table 2. Approximate analyses were used to study those areas having a low development potential or minimal flood hazards. The scope and methods of study were proposed to, and agreed upon by, FEMA and Maricopa County.

The Stagecoach Pass Wash Overflow for the levee failure scenario was studied by approximate methods.

**Table 1. Detailed Study Flooding Sources**

---

|  |                                      |
|--|--------------------------------------|
| 16 East (McMicken Wash)                      | Bonita Dike Channel                  |
| 191st Avenue Wash                            | Buchanan Wash                        |
| ADOT U.S. 60 Channel                         | Buckeye Feeder Canal                 |
| Agua Fria River                              | Bullard Wash                         |
| Agua Fria River Dike Ponding Areas-West Side | Bullard Wash West Tributary          |
| Aguila Farm Channel                          | Bulldozer Wash                       |
| Amir Wash                                    | Calamity Wash                        |
| Andora Hills Wash                            | Caliente Wash                        |
| Andora Hills Wash Split 1                    | Camelback Wash                       |
| Andora Hills Wash Split 2                    | Camp Creek Tributary A               |
| Apache Creek                                 | Camp Creek Tributary A1              |
| Apache Wash                                  | Camp Creek Tributary A2              |
| Apache Wash Split Flow Area                  | Camp Creek Tributary B               |
| Apache Wash Tributary 1                      | Camp Creek Tributary B1              |
| Apache Wash Tributary 2                      | Camp Creek Tributary B2              |
| Apache Wash Tributary 3                      | Camp Creek Tributary C               |
| Apache Wash Tributary 4                      | Camp Creek Tributary C1              |
| Apache Wash Tributary 5                      | Camp Creek Tributary C2              |
| Apache Wash Tributary 6                      | Camp Creek Tributary C3              |
| Apache Wash Tributary 7                      | Camp Creek Tributary D               |
| Apache Wash West Fork                        | Casandro Wash                        |
| Apache Wash West Fork Tributary 1            | Casandro Wash South Branch           |
| Apache Wash West Fork Tributary 2            | Caterpillar Tank Wash                |
| Arrow Wash                                   | Cave Creek                           |
| Ashbrook Wash                                | Cave Creek Tributary                 |
| Atchison Topeka & Santa Fe Railroad Channel  | Cave Creek Tributary Tributary       |
| Atchison Topeka & Santa Fe Railroad Ponding  | Cave Creek Tributary 1               |
| Balboa Wash                                  | Cave Creek Tributary 1A              |
| Basins 1 through 6 - Alluvial Fan            | Cave Creek Tributary 1B              |
| Beardsley Canal Wash                         | Cave Creek Tributary 1C              |
| Beardsley Wash North                         | Cave Creek Tributary 1D              |
| Beardsley Wash South                         | Cave Creek Unnamed Central Tributary |
| Beardsley Wash South Breakout                | Cave Creek Wash                      |
| Bedrock Wash                                 | Cemetery Wash                        |
| Bedrock Wash North Fork                      | Cemetery Wash Tributary R-1          |
| Bender Wash                                  | Cemetery Wash Tributary R-2          |
| Bender Wash North Tributary                  | Cemetery Wash Tributary R-3          |
| Black Wash                                   | Centennial Wash                      |
| Blue Tank Wash                               | Centennial Wash Left Overbank        |

**Table 1. Detailed Study Flooding Sources (Continued)**

|  |  |
|--|--|
| Centennial Wash North Branch   | Doe Peak Wash                          |
| Cereus Wash  | Doe Peak Wash East Fork                |
| Cholla Wash  | Doe Peak Wash South Fork               |
| Cholla Wash North Fork   | Dreamy Draw Wash East                  |
| Chukar Wash  | Dreamy Draw Wash West                  |
| Circle City Area Wash 1  | East Fork of Cave Creek                |
| Circle City Area Wash 2  | East Garambullo Wash                   |
| Circle City Area Wash 2 Along Atchison, Topeka &<br>Santa Fe Railway           | East Maricopa Floodway                 |
| Circle City Area Wash 3  | East Maricopa Floodway, Ponding        |
| Circle City Area Wash 4  | Eastern Canal East Embankment Flooding |
| Circle City Area Wash 4 Along Atchison, Topeka &<br>Santa Fe Railway           | Eastern Canal, Ponding                 |
| Circle City Area Wash 5  | Eastern Canal (Watershed 1)            |
| Circle City Area Wash 6  | Eastern Pima Wash                      |
| Circle City Area Wash 7  | Echo Canyon Wash                       |
| Citrus Valley Wash   | Emerald Wash                           |
| Cline Creek  | Escalante Wash                         |
| Cline Creek Split 3  | Evans Wash                             |
| Colony Wash  | Fan 6A                                 |
| Consolidated Canal, Ponding  | Fan 6A North                           |
| Consolidated Canal (Watershed 2)   | Fan 6A South                           |
| Consolidated Canal (Watershed 3)<br>(Including overflow from Watersheds 1 & 4) | Fan 6C                                 |
| Cottonwood Creek   | Fan 6C North Branch                    |
| Cottonwood Creek Tributary 1   | Flemming Springs Wash                  |
| Cottonwood Creek Tributary 2   | Flying E Wash                          |
| Cyprus Point Wash  | Flynn Lane Wash                        |
| Daggs Wash   | Fountain Channel                       |
| Daggs Wash East Split Flow   | Galloway Wash                          |
| Daggs Wash West Breakout   | Galloway Wash Middle Branch            |
| Dale Creek Wash  | Galloway Wash Middle Branch Tributary  |
| Deadman Wash   | Galloway Wash North Tributary          |
| Deadman Wash Stream No. 4  | Galloway Wash South Branch             |
| Deadman Wash Stream No. 7  | Galloway Wash South Branch Split 1     |
| Deadman Wash Stream No. 12   | Galloway Wash Split 1                  |
| Desert Hills Wash  | Galloway Wash Split 2                  |
| Desert Hills Wash Tributary  | Galloway Wash Tributary 2              |
| Desert Hills Wash Tributary 1  | Galloway Wash Tributary 2A             |
| Desert Hills Wash Tributary 2  | Galloway Wash Tributary 2B             |
| Desert Hills Wash Tributary 3  | Galloway Wash Unnamed Tributary        |
| Desert Hills Wash Tributary 4  | Garambullo Wash                        |
| Desert Hills Wash Tributary 5  | Gila Bend Canal                        |
| Desert Hills Wash Tributary 6  | Gila Bend Canal Wash                   |
| Desert Lake Wash   | Gila River                             |
| Desert Lake Wash East Fork   | Granite Falls Wash                     |
| Desert Lake Wash Tributary 2   | Granite Reef Wash                      |
| Diversion Dike Wash  | Grapevine Wash                         |
|  | Grass Wash                             |
|  | Greystone Wash                         |
|  | Hacker Wash                            |

**Table 1. Detailed Study Flooding Sources (Continued)**

|   |   |
|---|---|
| Hacker Wash Diversion                   | McCormick Ranch Lakes East Branch           |
| Happy Valley Wash                       | McCormick Ranch Lakes West Branch           |
| Hartman Wash                            | McMicken Dam Outlet Channel                 |
| Hartman Wash Unnamed Tributary          | McMicken Dam Outlet Wash                    |
| Hassayampa River                        | Mesquite Tank Wash                          |
| Hassayampa River Tributary 1E           | Mockingbird Wash                            |
| Hassayampa River Tributary 1E1          | Monarch Wash                                |
| Hassayampa River Tributary 3E           | Moon Valley Wash                            |
| Hassayampa River Tributary 4E           | Moon Valley Wash Diversion Channel          |
| Hassayampa River Tributary 4E Tributary | Moon Valley Wash North Branch               |
| Hassayampa River Tributary 4E West Fork | Moon Valley Wash North Split                |
| Hesperus Wash                           | Moon Valley Wash South Branch               |
| Holly Wash                              | Morgan City Wash                            |
| Hospital Wash                           | Mountain Wash                               |
| I-8 Wash East                           | Myrtle Avenue Wash                          |
| I-8 Wash West                           | New River                                   |
| Indian Bend Wash                        | New River East Split                        |
| Indian Bend Wash Low Flow Channel       | New River Middle Split                      |
| Interstate 10 Wash                      | New River West Split                        |
| Iona Wash                               | New River West Tributary 5                  |
| Iona Wash East                          | New River West Tributary 10                 |
| Iona Wash East Split 1                  | New River West Tributary 15                 |
| Iona Wash East Split 2                  | New River West Tributary 20                 |
| Iona Wash North                         | New River West Tributary 20 Tributary 5     |
| Iona Wash North West Split              | New River West Tributary 20 Tributary 10    |
| Iona Wash West                          | New River West Tributary 25                 |
| Iona Wash (Zone AO)                     | New River West Tributary 30                 |
| Jacklin Wash                            | New River West Tributary 35                 |
| Jackrabbit Trail Wash                   | New River West Tributary 40                 |
| Jackrabbit Wash                         | New River West Tributary 45                 |
| Jackrabbit Wash Unnamed Tributary       | New River West Tributary 50                 |
| Jenny Lin Wash                          | New River West Tributary 50 Tributary 5     |
| Kingstree Wash                          | New River West Tributary 55                 |
| Laser Drain                             | New River West Tributary 55 Tributary 5     |
| Legend Wash                             | New River West Tributary 55 Tributary 10    |
| Litchfield Park Detention Facility      | New River West Tributary 55 Tributary 15    |
| Little San Domingo Wash                 | New River West Tributary 55 Tributary 20    |
| Local Urban Runoff (City of Tempe)      | New River West Tributary 55 Tributary 30    |
| Logan Wash                              | North Colony Wash                           |
| Lower El Mirage Wash                    | North Inlet Canal                           |
| Lower El Mirage Wash Tributary          | Northeast Side of Southern Pacific Railroad |
| Luke Wash                               | Ocotillo Wash                               |
| Luke Wash East Main Tributary           | Ocotillo Wash Split 1                       |
| Luke Wash East Sub Tributary            | Ocotillo Wash Tributary 1                   |
| Luke Wash Minor Tributary               | Ocotillo Wash Tributary 1A                  |
| Malta Drain                             | Ocotillo Wash Tributary 2                   |
| Mangrum Wash                            | Ocotillo Wash Tributary 3                   |
| Martinez Wash                           | Ocotillo Wash Tributary 4                   |

**Table 1. Detailed Study Flooding Sources (Continued)**

|                               |  |
|-------------------------------|--|
| Ocotillo Wash Tributary 5     | Rio Verde Wash 11                              |
| Ocotillo Wash Tributary 6     | Rio Verde Wash 11 Split 1                      |
| Osborn Road Wash              | Rio Verde Wash 11 Split 2                      |
| Ox Wash                       | Rio Verde Wash 11 Split 8                      |
| Oxford Wash                   | Rio Verde Wash 12                              |
| Padelford Wash                | Rio Verde Wash 12 Split 3                      |
| Padelford Wash Split 1        | Rio Verde Wash 12 Split 6                      |
| Padelford Wash Split 2        | Rock Springs Creek                             |
| Padelford Wash Split 3        | Rodeo Wash                                     |
| Padelford Wash Split 4        | Rodeo Wash Tributary                           |
| Padelford Wash Split 5        | Rodger Creek                                   |
| Padelford Wash Tributary A    | Roosevelt Canal                                |
| Padelford Wash Tributary B    | Roosevelt Irrigation District Canal Split Flow |
| Padelford Wash Tributary C    | Rowe Wash                                      |
| Paradise Wash                 | Salt River                                     |
| Paradise Wash West Fork       | Salt River South Split                         |
| Perryville Road Wash          | San Domingo Wash                               |
| Pioneer Cemetery Wash         | Sand Tank Wash                                 |
| Powder House Wash             | Sauceda Wash                                   |
| Powder House Wash Tributary 1 | Scatter Wash                                   |
| Powder House Wash Tributary 2 | Scatter Wash North Branch                      |
| Powder Wash                   | Scatter Wash South Branch (Zone AH)            |
| Powerline Wash                | Scott Avenue Wash                              |
| Prospect Wash                 | Skunk Creek                                    |
| Pyrite Wash                   | Skunk Creek Breakout                           |
| Queen Creek Wash              | Skunk Creek Tributary 6B                       |
| Quilotosa Wash                | Skunk Creek Tributary 6B North                 |
| Quilotosa Wash East Split     | Skunk Creek Tributary 6C                       |
| Rainbow Wash                  | Skunk Creek Tributary 10A                      |
| Rainbow Wash Tributary        | Skunk Creek Tributary 10B                      |
| Ranieri Tank Wash             | Skunk Creek Tributary 12                       |
| Ranieri Tank Wash Tributary 1 | Skunk Creek Tributary 27.161                   |
| Ranieri Tank Wash Tributary 2 | Skunk Tank Wash                                |
| Ranieri Tank Wash Tributary 3 | Skyline Wash                                   |
| Rattler Wash                  | Sols Wash                                      |
| Rawhide Wash                  | Sols Wash Tributary AH2                        |
| Rawhide Wash Tributary 1      | Sols Wash Tributary AH3                        |
| Rawhide Wash Tributary 2      | Sols Wash Tributary AH3 Unnamed Tributary      |
| Rawhide Wash Tributary 3      | Sols Wash Tributary AH4                        |
| Rawhide Wash Tributary 4      | Sols Wash Tributary AH5                        |
| Rio Verde North Wash I        | Sonoqui Wash                                   |
| Rio Verde Wash A              | Sonoran Wash                                   |
| Rio Verde Wash A Split 1      | Southwest Side of Southern Pacific Railroad    |
| Rio Verde Wash D              | Stagecoach Pass Wash                           |
| Rio Verde Wash F              | Stagecoach Pass Wash Unnamed Tributary         |
| Rio Verde Wash 10             | Star Wash                                      |
| Rio Verde Wash 10 Split 4     | Star Wash Tributary A                          |
| Rio Verde Wash 10 Split 7     | Star Wash Tributary B                          |

**Table 1. Detailed Study Flooding Sources (Continued)**

|                                      |  |
|--------------------------------------|--|
| Star Wash Tributary C                | Wash 2 East (North and South of the Central Arizona Project Canal) |
| Star Wash Tributary D                | Wash 2 East Tributary  |
| Star Wash Tributary E                | Wash 2 West  |
| Sunburst Wash                        | Wash 2 West (North of the Central Arizona Project Canal)           |
| Sunland Avenue Tributary             | Wash 2 West Tributary 1  |
| Sunny Cove Wash                      | Wash 2 West Tributary 2  |
| Sunny Cove Wash Upper Reach          | Wash 3 East  |
| Sunset Wash                          | Wash 3 West  |
| Sweat Canyon Wash                    | Wash 4 East  |
| Sycamore Wash                        | Wash 5 East  |
| Tank Wash                            | Wash 6 East  |
| Tank Wash South Branch               | Wash 6 East South  |
| Tenth Street Wash                    | Wash 7 East  |
| Tractor Wash                         | Wash 7 East East Split   |
| Tributary C-6                        | Wash 7 East Tributary  |
| Tributary C-8                        | Wash 7 East West Split   |
| Tributary X1                         | Wash 8 East  |
| Tributary X1 Overflow                | Wash 9   |
| Tributary X1 Splitflow               | Wash 9 East  |
| Tributary X2                         | Wash 9 East-split  |
| Tributary X3                         | Wash 10 East   |
| Tributary X4A                        | Wash 10 East Split 1   |
| Tributary X4B                        | Wash 10 East Split 2   |
| Tributary X5                         | Wash 10 South  |
| Trilby Wash                          | Wash 11 East   |
| Trilby Wash Middle Channel           | Wash 12 East   |
| Trilby Wash West Channel             | Wash 12 East Split   |
| Tulip Wash                           | Wash 13 East   |
| Turtleback Wash                      | Wash 14 East   |
| Tuthill Dike Wash                    | Wash AG  |
| Twin Buttes Wash                     | Wash B   |
| Twin Peaks Wash                      | Wash B Tributary   |
| Unnamed Channel                      | Wash E2  |
| Unnamed Wash No. 1                   | Wash F   |
| Unnamed Wash No. 2                   | Wash G   |
| Upper Boulders Wash                  | Wash H   |
| Upper Fan 5                          | Wash I   |
| Union Pacific Railroad               | Wash K   |
| Union Pacific Railroad Ditch         | Wash K1  |
| Union Pacific Railroad Spur          | Wash L   |
| Union Pacific Railroad (Watershed 4) | Wash O   |
| Valley Wash                          | Wash P   |
| Wagner Wash                          | Wash Q   |
| Wagon Wash                           | Wash S2  |
| Wash 1 East                          | Wash T2N-R5W-S27N  |
| Wash 1 West                          |  |
| Wash 2 East                          |  |

**Table 1. Detailed Study Flooding Sources (Continued)**

|                           |                                   |
|---------------------------|-----------------------------------|
| Wash T4N-R2W-S9N          | West Quilotosa Wash               |
| Wash T4N-R2W-S15N         | West Split Flow Through El Mirage |
| Wash T4N-R3W-S07W         | White Granite Wash                |
| Wash T4N-R3W-S08E         | White Granite Wash North Fork     |
| Wash T4N-R3W-S08W         | White Peak Wash                   |
| Wash T4N-R3W-S09W         | White Tanks Wash                  |
| Wash T4N-R3W-S10N         | White Tanks Wash No. 3            |
| Wash T4N-R3W-S10W Reach 1 | White Tanks Wash Tributary 1      |
| Wash T4N-R3W-S10W Reach 2 | Willow Springs Wash               |
| Wash T4N-R3W-S16          | Willow Springs Wash Tributary 1   |
| Wash T4N-R3W-S17          | Willow Springs Wash Tributary 1A  |
| Wash T4N-R3W-S18E         | Willow Springs Wash Tributary 2   |
| Wash T4N-R3W-S18W         | Willow Springs Wash Tributary 2A  |
| Wash T5N-R2W-S07          | Willow Springs Wash Tributary 4   |
| Wash T5N-R2W-S11          | Willow Springs Wash Tributary 5   |
| Wash T5N-R2W-S14N         | Willow Springs Wash Tributary 5A  |
| Wash T5N-R2W-S14S         | Willow Springs Wash Tributary 6   |
| Wash T5N-R2W-S14W         | Willow Springs Wash Tributary 6A  |
| Wash T5N-R2W-S19E         | Willow Springs Wash Tributary 6B  |
| Wash T5N-R2W-S19W         | Willow Springs Wash Tributary 6C  |
| Wash T5N-R3W-S01S         | Windmill Wash                     |
| Wash T5N-R3W-S07          | Windmill Wash North Branch        |
| Wash T5N-R3W-S19          | Windmill Wash South Branch        |
| Wash T5N-R3W-S24E         | Wittmann Wash                     |
| Waterfall Wash            | Wittmann Wash North Split         |
| Waterman Wash             | Wittmann Wash South Split         |
| West Fork White Peak Wash | Wittmann Wash Tributary           |
| West Garambullo Wash      | Yucca Flat Wash                   |

**Table 2. Approximate Study Flooding Sources**

|   |  |
|---|--|
| 16 East (McMicken Wash)   | Deadman Wash Tributary 1 Lower Split               |
| 191st Avenue Wash   | Deadman Wash Tributary 1 Upper Split               |
| Agua Fria River   | Deadman Wash Tributary 2                           |
| Aguila Farm Channel   | Deadman Wash Tributary 2A                          |
| Airline Canal   | Desert Lake Wash                                   |
| Amir Wash   | Desert Lake Wash Tributary 2                       |
| Amir Wash Tributary   | Dreamy Draw Detention Dike                         |
| Apache Wash   | Dreamy Draw Wash West                              |
| Arrow Wash  | Dysart Drain                                       |
| Atchison, Topeka & Santa Fe Railroads Spur                          | East Fork of Cave Creek                            |
| Beardsley Canal Wash  | Eastern Canal                                      |
| Bedrock Wash  | Echo Canyon Canal                                  |
| Bonita Dike Channel   | Fan 6C   |
| Buckeye Feeder Canal  | Flooding along East Embankment of<br>Eastern Canal |
| Bullard Wash  | Flying E Wash                                      |
| Bullard Wash West Tributary   | Fourth Of July Wash                                |
| Camp Creek Tributary C1   | Fourth Of July Wash Tributary 1                    |
| Camp Creek Tributary C3   | Fourth Of July Wash Tributary 3                    |
| Camp Creek Tributary D  | Gibson Wash  |
| CAP Wash East   | Gibson Wash Tributary 1                            |
| CAP Wash West   | Gibson Wash Tributary 1A                           |
| Castle Creek Wash   | Gibson Wash Tributary 3                            |
| Caterpillar Tank Wash   | Gibson Wash Tributary 5                            |
| Cave Buttes Detention Dike  | Gibson Wash Tributary 5A                           |
| Cave Creek  | Gila Bend Canal                                    |
| Cave Creek Tributary  | Gila River   |
| Cave Creek Wash   | Grand Canal  |
| Cemetery Wash   | Granite Reef Aqueduct                              |
| Circle City Area Wash 1   | Grass Wash   |
| Circle City Area Wash 4 Along Atchison<br>Topeka & Santa Fe Railway | Hambug Creek                                       |
| Circle City Area Wash 6   | Harquahala Detention Dike                          |
| Circle City Area Wash 7   | Hartman Wash                                       |
| Cline Creek   | Hartman Wash Unnamed Tributary                     |
| Coles Wash  | Highline Canal                                     |
| Colony Wash   | Holly Wash   |
| Columbus Wash   | Interstate 10 Wash                                 |
| Consolidated Canal  | Interstate Highway 10                              |
| Cooper Creek  | Iona Wash  |
| Copper Wash   | Iona Wash East Split 1                             |
| Copper Wash Tributary 1   | Iona Wash Tributary                                |
| Corgett Wash  | Jackrabbit Trail Channel                           |
| Cotton Lane Wash  | Jackrabbit Trail Wash                              |
| Cottonwood Creek  | Jackrabbit Wash                                    |
| Cross Cut Canal   | Jimmie Wash  |
| Daggs Wash  | Kaiser-Aetna McCormick Ranch Drainage              |
| Dave Buttes Detention Dike  | Kyrene Branch Canal                                |
| Deadman Wash Tributary 1  | Little San Domingo Wash                            |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                                      |   |
|--------------------------------------|---|
| Little San Domingo Wash Tributary    | McMicken Dam Outlet Wash                    |
| Little Squaw Creek                   | Mesquite Tank Wash                          |
| Little Squaw Creek Tributary 1       | Mockingbird Wash Tributary                  |
| Little Squaw Creek Tributary 2       | Monarch Wash                                |
| Little Squaw Creek Tributary 3       | Monarch Wash Tributary                      |
| Little Squaw Creek Tributary 4       | Montezuma Wash                              |
| Little Squaw Creek Tributary 5       | Montezuma Wash Tributary 1                  |
| Loudermilk Wash                      | Montezuma Wash Tributary 1A                 |
| Loudermilk Wash Tributary 1          | Montezuma Wash Tributary 2                  |
| Lower El Mirage Wash                 | Montezuma Wash Tributary 3                  |
| Lower El Mirage Wash Tributary       | Moore Gulch                                 |
| Lower Painted Rock Wash 100A         | Moore's Gulch Tributary 1                   |
| Lower Painted Rock Wash 135A         | Moore's Gulch Tributary 2                   |
| Lower Painted Rock Wash 140A         | Moore's Gulch Tributary 3                   |
| Lower Painted Rock Wash 145A         | Moore's Gulch Tributary 5                   |
| Lower Painted Rock Wash 150A         | Moore's Gulch Tributary 6                   |
| Lower Painted Rock Wash 150B         | NCAP Iona Wash East Split 1                 |
| Lower Painted Rock Wash 155C         | NCAP Iona Wash North                        |
| Lower Painted Rock Wash 510A         | NCAP Wash 7 East                            |
| Lower Painted Rock Wash 520A         | NCAP Wash T4N-R3WS08E                       |
| Lower Painted Rock Wash 525A         | NCAP Wash T5N-R2W-S19E                      |
| Lower Painted Rock Wash 525B         | New River                                   |
| Lower Painted Rock Wash 525C         | New River West Tributary 55 Tributary 20    |
| Lower Painted Rock Wash 525D         | New River West Tributary 55 Tributary 25 A1 |
| Lower Painted Rock Wash 525E         | New River West Tributary 55 Tributary 25 A2 |
| Lower Painted Rock Wash 530A         | New River West Tributary 55 Tributary 25 A3 |
| Lower Painted Rock Wash 530B         | Notbusch Wash                               |
| Lower Painted Rock Wash 530C         | Notbusch Wash Tributary 1                   |
| Lower Painted Rock Wash 545A         | Notbusch Wash Tributary 1A                  |
| Lower Painted Rock Wash 551A         | Notbusch Wash Tributary 1B                  |
| Lower Painted Rock Wash 585A         | Ocotillo Wash                               |
| Lower Painted Rock Wash 615A         | Ocotillo Wash Tributary 1                   |
| Lower Painted Rock Wash 615B         | Ox Wash                                     |
| Lower Painted Rock Wash 646A         | Padelford Wash                              |
| Lower Painted Rock Wash 650A         | Padelford Wash Split 2                      |
| Lower Painted Rock Wash 650C         | Padelford Wash Split 3                      |
| Lower Painted Rock Wash 651A         | Padelford Wash Split 4                      |
| Lower Painted Rock Wash 790A         | Padelford Wash Tributary A                  |
| Lower Painted Rock Wash 790B         | Padelford Wash Tributary B                  |
| Lower Painted Rock Wash 790C         | Padelford Wash Tributary C                  |
| Lower Painted Rock Wash 831A         | Phillips Wash                               |
| Lower Painted Rock Wash 833A         | Picacho Wash                                |
| Lower Painted Rock Wash 835A         | Powerline Wash                              |
| Luke Wash                            | Prospect Wash                               |
| Luke Wash East Main Tributary        | Quale Spring Wash                           |
| Luke Wash East Sub Tributary         | Quale Spring Wash Tributary 1               |
| Luke Wash Minor Tributary            | Quale Spring Wash Tributary 1A              |
| Lum Wash Tributary T1S-R2W-S22 (J20) | Queen Creek                                 |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                        |                                     |
|------------------------|-------------------------------------|
| Rattler Wash           | Rock Springs Creek                  |
| Reach SenA05           | Roosevelt Canal                     |
| Reach SenB05           | Rowe Wash                           |
| Reach SenB10           | Rowe Wash Tributary 1               |
| Reach SenB20           | Rowe Wash Tributary 2               |
| Reach SenB25           | Saddle Back Mountain Detention Dike |
| Reach SenC05           | Saddleback Outlet Channel           |
| Reach SenC10           | Salt River                          |
| Reach SenC15           | San Domingo Wash                    |
| Reach SenC20           | Sand Tank Wash                      |
| Reach SenC25           | Sauceda Wash                        |
| Reach SenC35           | SCAP Bonita Dike Channel            |
| Reach SenC40           | SCAP Wash 1 East                    |
| Reach SenC45           | SCAP Wash 1 West                    |
| Reach SenD05           | SCAP Wash 10 East                   |
| Reach SenE10           | SCAP Wash 11 East (Padelford Wash)  |
| Reach SenE15           | SCAP Wash 13 East                   |
| Reach SenE20           | SCAP Wash 14 East                   |
| Reach SenE25           | SCAP Wash 2 East                    |
| Reach SenE30           | SCAP Wash 2 West                    |
| Reach SenE35           | SCAP Wash 3 East                    |
| Reach SenF03           | SCAP Wash 9 East                    |
| Reach SenF05           | Scatter Wash                        |
| Reach SenF06           | Scatter Wash North Branch           |
| Reach SenF07           | Sentinel Wash                       |
| Reach SenF10           | Signal Butte Detention Dike         |
| Reach SenF15           | Skunk Creek                         |
| Reach SenF20           | Skunk Creek Tributary 28.839        |
| Reach SenF25           | Skyline Wash                        |
| Reach SenF30           | Sols Wash                           |
| Reach SenG05           | Sols Wash Tributary                 |
| Reach SenH03           | Sols Wash Tributary AH2             |
| Reach SenH05           | Sols Wash Tributary AH3             |
| Reach SenI05           | Sols Wash Tributary AH4             |
| Reach SenI10           | Sols Wash Tributary Tributary       |
| Reach SenI15           | Sonoqui Wash                        |
| Reach SenJ05           | Southern Pacific Railroad           |
| Reach SenJ10           | Spook Hill Detention Dike           |
| Reach SenJ15           | Star Wash                           |
| Reach SenK05           | Star Wash Tributary A               |
| Reach SenK15           | Star Wash Tributary C               |
| Reach SenK20           | Star Wash Tributary D               |
| Reach SenK25           | Stream 2B                           |
| Reach SenK30           | Sunny Cove Wash                     |
| Reach SenK35           | Sunset Wash                         |
| Reems Road             | Sycamore Creek                      |
| Rio Verde North Wash A | Tank Wash South Branch              |
| Rio Verde North Wash F | Tempe Canal                         |

**Table 2. Approximate Study Flooding Sources (Continued)**

|  |   |
|--|---|
| Tiger Wash                                     | Wash T1S-R7W-S25 Tributary 4 Reach 1    |
| Tiger Wash Detention Dike                      | Wash T1S-R7W-S26 Reach 1                |
| Tributary 1                                    | Wash T1S-R7W-S27-1 Reach 1              |
| Trilby Wash                                    | Wash T1S-R7W-S27-2 Reach 1              |
| Trilby Wash Detention Basin                    | Wash T1S-R7W-S27-3 Reach 1              |
| Tub Spring Wash                                | Wash T1S-R7W-S27-3 Reach 2              |
| Turtleback Wash                                | Wash T1S-R7W-S27-3 Reach 3              |
| Tuthill Dike Wash                              | Wash T1S-R7W-S27-3 Reach 4              |
| Twin Buttes Wash                               | Wash T1S-R7W-S27-3 Reach 5              |
| Unnamed Stream                                 | Wash T1S-R7W-S27-3 Reach 6              |
| Unnamed Tributary to Cave Creek                | Wash T1S-R7W-S27-3 Reach 7              |
| Unnamed Wash                                   | Wash T1S-R7W-S27-3 Tributary 1 Reach 1  |
| Unnamed Wash No. 1                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 1  |
| Unnamed Wash No. 2                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 10 |
| Unnamed Wash No. 3                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 11 |
| Unnamed Wash No. 4                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 12 |
| Unnamed Wash No. 5                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 13 |
| Unnamed Wash No. 6                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 14 |
| Unnamed Wash No. 7                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 15 |
| Unnamed Wash No. 8                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 16 |
| Unnamed Wash No. 9                             | Wash T1S-R7W-S27-3 Tributary 2 Reach 17 |
| Upper Buchanan Wash                            | Wash T1S-R7W-S27-3 Tributary 2 Reach 18 |
| Verde River                                    | Wash T1S-R7W-S27-3 Tributary 2 Reach 2  |
| Verde River Tributaries (Washes 9, 10, and 11) | Wash T1S-R7W-S27-3 Tributary 2 Reach 3  |
| Wash T1S-R6W-S29 Reach 1                       | Wash T1S-R7W-S27-3 Tributary 2 Reach 4  |
| Wash T1S-R6W-S29 Reach 2                       | Wash T1S-R7W-S27-3 Tributary 2 Reach 5  |
| Wash T1S-R6W-S29-1 Reach 1                     | Wash T1S-R7W-S27-3 Tributary 2 Reach 6  |
| Wash T1S-R6W-S29-2 Reach 1                     | Wash T1S-R7W-S27-3 Tributary 2 Reach 7  |
| Wash T1S-R6W-S29-2 Reach 2                     | Wash T1S-R7W-S27-3 Tributary 2 Reach 8  |
| Wash T1S-R6W-S29-2 Tributary 1 Reach 1         | Wash T1S-R7W-S27-3 Tributary 2 Reach 9  |
| Wash T1S-R6W-S33 Reach 1                       | Wash T1S-R7W-S27-3 Tributary 3 Reach 1  |
| Wash T1S-R6W-S33 Reach 2                       | Wash T1S-R7W-S27-3 Tributary 3 Reach 2  |
| Wash T1S-R6W-S33 Reach 3                       | Wash T1S-R7W-S27-3 Tributary 3 Reach 3  |
| Wash T1S-R6W-S33 Tributary 1 Reach 1           | Wash T1S-R7W-S27-3 Tributary 4 Reach 1  |
| Wash T1S-R6W-S33 Tributary 2 Reach 1           | Wash T1S-R7W-S27-3 Tributary 5 Reach 1  |
| Wash T1S-R7W-S19-1 Reach 1                     | Wash T1S-R7W-S27-3 Tributary 6 Reach 1  |
| Wash T1S-R7W-S19-2 Reach 1                     | Wash T1S-R7W-S27-3 Tributary 7 Reach 1  |
| Wash T1S-R7W-S25 Reach 1                       | Wash T1S-R7W-S28 Reach 1                |
| Wash T1S-R7W-S25 Reach 2                       | Wash T1S-R8W-S24 Reach 1                |
| Wash T1S-R7W-S25 Reach 3                       | Wash T1S-R8W-S24 Reach 2                |
| Wash T1S-R7W-S25 Reach 4                       | Wash T1S-R8W-S24 Reach 3                |
| Wash T1S-R7W-S25 Reach 5                       | Wash T1S-R8W-S24 Reach 4                |
| Wash T1S-R7W-S25 Tributary 1 Reach 1           | Wash T1S-R8W-S24 Reach 5                |
| Wash T1S-R7W-S25 Tributary 1 Reach 2           | Wash T1S-R8W-S24 Tributary 1 Reach 1    |
| Wash T1S-R7W-S25 Tributary 1 Reach 3           | Wash T1S-R8W-S24 Tributary 2 Reach 1    |
| Wash T1S-R7W-S25 Tributary 2 Reach 1           | Wash T1S-R8W-S24 Tributary 3 Reach 1    |
| Wash T1S-R7W-S25 Tributary 2 Reach 3           | Wash T1S-R8W-S24 Tributary 4 Reach 1    |
| Wash T1S-R7W-S25 Tributary 3 Reach 1           | Wash T1S-R8W-S9 Reach 1                 |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Wash T1S-R8W-S9 Reach 2               | Wash T2S-R6W-S2 Tributary 1 Reach 1 |
| Wash T1S-R8W-S9 Reach 3               | Wash T2S-R6W-S2 Tributary 2 Reach 1 |
| Wash T1S-R8W-S9 Reach 4               | Wash T2S-R6W-S2 Tributary 3 Reach 1 |
| Wash T1S-R8W-S9 Reach 5               | Wash T2S-R6W-S2 Tributary 4 Reach 1 |
| Wash T1S-R8W-S9 Tributary 1 Reach 1   | Wash T2S-R6W-S2 Tributary 4 Reach 2 |
| Wash T1S-R8W-S9 Tributary 2 Reach 1   | Wash T2S-R6W-S2 Tributary 4 Reach 3 |
| Wash T1S-R8W-S9 Tributary 3 Reach 1   | Wash T2S-R6W-S2 Tributary 5 Reach 1 |
| Wash T1S-R8W-S9 Tributary 3 Reach 2   | Wash T2S-R6W-S2 Tributary 6 Reach 1 |
| Wash T1S-R8W-S9 Tributary 3 Reach 3   | Wash T2S-R6W-S2 Tributary 7 Reach 1 |
| Wash T1S-R8W-S9 Tributary 4 Reach 1   | Wash T2S-R6W-S3 Reach 1             |
| Wash T2S-R5W-S17 Reach 1              | Wash 1                              |
| Wash T2S-R5W-S17 Reach 2              | Wash 1 East                         |
| Wash T2S-R5W-S17 Reach 3              | Wash 1 West                         |
| Wash T2S-R5W-S17 Reach 4              | Wash 10                             |
| Wash T2S-R5W-S17 Reach 5              | Wash 10 East                        |
| Wash T2S-R5W-S17 Tributary 1 Reach 1  | Wash 10 East Split 2                |
| Wash T2S-R5W-S17 Tributary 1 Reach 2  | Wash 11                             |
| Wash T2S-R5W-S17 Tributary 1 Reach 3  | Wash 11 East (Padelford Wash)       |
| Wash T2S-R5W-S17 Tributary 1 Reach 4  | Wash 12                             |
| Wash T2S-R5W-S17 Tributary 1 Reach 5  | Wash 13 East                        |
| Wash T2S-R5W-S17 Tributary 2 Reach 1  | Wash 14 East                        |
| Wash T2S-R5W-S17 Tributary 3 Reach 1  | Wash 15 East                        |
| Wash T2S-R5W-S17 Tributary 4 Reach 1  | Wash 16 East (McMichen Wash)        |
| Wash T2S-R5W-S17 Tributary 4 Reach 2  | Wash 17 East                        |
| Wash T2S-R5W-S17 Tributary 4 Reach 3  | Wash 2                              |
| Wash T2S-R5W-S7-1 Reach 1             | Wash 2 East                         |
| Wash T2S-R5W-S7-2 Reach 1             | Wash 2 West                         |
| Wash T2S-R5W-S7-2 Reach 2             | Wash 2 West Tributary 1             |
| Wash T2S-R5W-S7-2 Reach 3             | Wash 3                              |
| Wash T2S-R5W-S7-2 Reach 4             | Wash 3 EAST                         |
| Wash T2S-R5W-S7-2 Tributary 1 Reach 1 | Wash 4                              |
| Wash T2S-R5W-S7-2 Tributary 2 Reach 1 | Wash 5                              |
| Wash T2S-R5W-S7-2 Tributary 2 Reach 2 | Wash 5 East                         |
| Wash T2S-R5W-S7-2 Tributary 2 Reach 3 | Wash 5 East                         |
| Wash T2S-R5W-S7-2 Tributary 3 Reach 1 | Wash 5 West                         |
| Wash T2S-R5W-S7-2 Tributary 3 Reach 2 | Wash 6                              |
| Wash T2S-R5W-S7-2 Tributary 3 Reach 3 | Wash 6 East South                   |
| Wash T2S-R5W-S7-2 Tributary 3 Reach 4 | Wash 7                              |
| Wash T2S-R5W-S7-2 Tributary 3 Reach 5 | Wash 7 East                         |
| Wash T2S-R5W-S7-3 Reach 1             | Wash 7 East Tributary 1             |
| Wash T2S-R6W-S2 Reach 1               | Wash 8                              |
| Wash T2S-R6W-S2 Reach 2               | Wash 9                              |
| Wash T2S-R6W-S2 Reach 3               | Wash 9 East                         |
| Wash T2S-R6W-S2 Reach 4               | Wash AF                             |
| Wash T2S-R6W-S2 Reach 5               | Wash B                              |
| Wash T2S-R6W-S2 Reach 6               | Wash F                              |
| Wash T2S-R6W-S2 Reach 7               | Wash G                              |
| Wash T2S-R6W-S2 Reach 8               | Wash K                              |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Wash K Tributary                     | Wash T1N-R6W-S05W                 |
| Wash LPR510A                         | Wash T1N-R6W-S07 (Delaney Wash)   |
| Wash LPR520A                         | Wash T1N-R6W-S09E                 |
| Wash LPR525A                         | Wash T1N-R6W-S11                  |
| Wash LPR525B                         | Wash T1N-R6W-S16                  |
| Wash LPR525C                         | Wash T1N-R6W-S17E                 |
| Wash LPR525D                         | Wash T1N-R6W-S17W                 |
| Wash LPR525E                         | Wash T1N-R6W-S18                  |
| Wash LPR530A                         | Wash T1N-R6W-S20E (Fourmile Wash) |
| Wash LPR530B                         | Wash T1N-R6W-S20W                 |
| Wash LPR530C                         | Wash T1N-R6W-S22E                 |
| Wash LPR545A                         | Wash T1N-R6W-S22N                 |
| Wash LPR551A                         | Wash T1N-R6W-S26                  |
| Wash LPR585A                         | Wash T1N-R6W-S27S                 |
| Wash LPR615A                         | Wash T1N-R6W-S29                  |
| Wash LPR615B                         | Wash T1N-R6W-S30E                 |
| Wash LPR646A                         | Wash T1N-R6W-S30W                 |
| Wash LPR650A                         | Wash T1N-R7W-S01                  |
| Wash LPR650C                         | Wash T1N-R7W-S02                  |
| Wash LPR651A                         | Wash T1N-R7W-S05                  |
| Wash LPR790A                         | Wash T1N-R7W-S17                  |
| Wash LPR790B                         | Wash T1N-R7W-S21E                 |
| Wash LPR790C                         | Wash T1N-R7W-S21W                 |
| Wash LPR831A                         | Wash T1N-R7W-S26E                 |
| Wash LPR833A                         | Wash T1N-R7W-S26W                 |
| Wash LPR835A                         | Wash T1N-R7W-S28E                 |
| Wash M                               | Wash T1N-R7W-S28W                 |
| Wash M-4 Tributary                   | Wash T1N-R7W-S35                  |
| Wash M-5 Tributary                   | Wash T1N-R7W-S36                  |
| Wash M-6B Tributary                  | Wash T1N-R8W-S17                  |
| Wash M-7 Tributary                   | Wash T1N-R8W-S20                  |
| Wash M-8 Tributary                   | Wash T1N-R8W-S20 Tributary 1      |
| Wash M-9 Tributary                   | Wash T1N-R8W-S29-1                |
| Wash M-10 Tributary                  | Wash T1N-R8W-S29-1 Tributary 1    |
| Wash M-11 Tributary                  | Wash T1N-R8W-S29-2                |
| Wash M-12 Tributary                  | Wash T1N-R8W-S34                  |
| Wash M-13 Tributary                  | Wash T1N-R8W-S8                   |
| Wash N                               | Wash T1N-R8W-S8 Tributary 1       |
| Wash T1N-R5W-S04                     | Wash T1S-R2W-S14(J14)             |
| Wash T1N-R5W-S10                     | Wash T1S-R2W-S17(J38)             |
| Wash T1N-R5W-S15                     | Wash T1S-R2W-S18A(J27)            |
| Wash T1N-R5W-S22                     | Wash T1S-R2W-S18B(J37)            |
| Wash T1N-R5W-S30                     | Wash T1S-R2W-S23(J14)             |
| Wash T1N-R6W-S03E                    | Wash T1S-R2W-S27(J16)             |
| Wash T1N-R6W-S03W                    | Wash T1S-R2W-S2A(J46)             |
| Wash T1N-R6W-S04E                    | Wash T1S-R2W-S2B(J48)             |
| Wash T1N-R6W-S05 (Dickey Wash South) | Wash T1S-R2W-S2C(J47)             |
| Wash T1N-R6W-S05E                    | Wash T1S-R2W-S31(A56)             |

**Table 2. Approximate Study Flooding Sources (Continued)**

|  |   |
|--|---|
| Wash T1S-R2W-S31A(I71)                 | Wash T1S-R8W-S13-1                      |
| Wash T1S-R2W-S31B(I70)                 | Wash T1S-R8W-S13-1 Tributary 1          |
| Wash T1S-R2W-S32A(I67)                 | Wash T1S-R8W-S13-1 Tributary 1 Reach 2  |
| Wash T1S-R2W-S32B(I58)                 | Wash T1S-R8W-S13-1 Tributary 1 Reach 3  |
| Wash T1S-R2W-S33(I66)                  | Wash T1S-R8W-S13-1 Tributary 1 Reach 4  |
| Wash T1S-R2W-S34(I65)                  | Wash T1S-R8W-S13-1 Tributary 1 Reach 5  |
| Wash T1S-R2W-S9A(J39)                  | Wash T1S-R8W-S13-1 Tributary 1 Reach 6  |
| Wash T1S-R2W-S9B(J40)                  | Wash T1S-R8W-S13-1 Tributary 1 Reach 7  |
| Wash T1S-R3W-S24A(A60)                 | Wash T1S-R8W-S13-1 Tributary 2          |
| Wash T1S-R3W-S24B(A59)                 | Wash T1S-R8W-S13-1 Tributary 3          |
| Wash T1S-R5W-S08                       | Wash T1S-R8W-S13-1 Tributary 4          |
| Wash T1S-R5W-S09                       | Wash T1S-R8W-S13-2                      |
| Wash T1S-R5W-S09W                      | Wash T1S-R8W-S13-2 Tributary 1          |
| Wash T1S-R5W-S16                       | Wash T1S-R8W-S24 Reach 1                |
| Wash T1S-R5W-S22S                      | Wash T1S-R8W-S5                         |
| Wash T1S-R5W-S28W                      | Wash T1S-R8W-S9 Reach 1                 |
| Wash T1S-R5W-S29                       | Wash T2N R6W-S36W                       |
| Wash T1S-R5W-S29E                      | Wash T2N-R5W-S04                        |
| Wash T1S-R5W-S29W                      | Wash T2N-R5W-S05E                       |
| Wash T1S-R5W-S33E                      | Wash T2N-R5W-S05W                       |
| Wash T1S-R5W-S33N                      | Wash T2N-R5W-S08                        |
| Wash T1S-R5W-S33W                      | Wash T2N-R5W-S19                        |
| Wash T1S-R6W-S05E                      | Wash T2N-R5W-S21                        |
| Wash T1S-R6W-S05N                      | Wash T2N-R5W-S27S                       |
| Wash T1S-R6W-S05S                      | Wash T2N-R5W-S28                        |
| Wash T1S-R6W-S08                       | Wash T2N-R5W-S31W (Phillips Wash North) |
| Wash T1S-R6W-S13 (Phillips Wash South) | Wash T2N-R5W-S32                        |
| Wash T1S-R6W-S27                       | Wash T2N-R5W-S33E                       |
| Wash T1S-R6W-S28                       | Wash T2N-R5W-S33W                       |
| Wash T1S-R6W-S28N                      | Wash T2N-R6W-S02                        |
| Wash T1S-R6W-S29 Reach 1               | Wash T2N-R6W-S05E                       |
| Wash T1S-R6W-S29E (Winters Wash)       | Wash T2N-R6W-S05N                       |
| Wash T1S-R6W-S29S                      | Wash T2N-R6W-S05S                       |
| Wash T1S-R6W-S29W                      | Wash T2N-R6W-S05W                       |
| Wash T1S-R7W-S18                       | Wash T2N-R6W-S18E                       |
| Wash T1S-R7W-S19-1 Reach 1             | Wash T2N-R6W-S18W (Old Camp Wash)       |
| Wash T1S-R7W-S21                       | Wash T2N-R6W-S19                        |
| Wash T1S-R7W-S21 Tributary 1           | Wash T2N-R6W-S22                        |
| Wash T1S-R7W-S21 Tributary 2           | Wash T2N-R6W-S27                        |
| Wash T1S-R7W-S21 Tributary 3           | Wash T2N-R6W-S28                        |
| Wash T1S-R7W-S22-1                     | Wash T2N-R6W-S29W                       |
| Wash T1S-R7W-S22-2                     | Wash T2N-R6W-S30W                       |
| Wash T1S-R7W-S22-2 Tributary 1         | Wash T2N-R6W-S31N                       |
| Wash T1S-R7W-S22-2 Tributary 2         | Wash T2N-R6W-S31S                       |
| Wash T1S-R7W-S25 Reach 1               | Wash T2N-R6W-S32E                       |
| Wash T1S-R7W-S26 Reach 1               | Wash T2N-R6W-S32N                       |
| Wash T1S-R7W-S27-3 Reach 1             | Wash T2N-R6W-S33E                       |
| Wash T1S-R7W-S28 Reach 1               | Wash T2N-R6W-S33S                       |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                       |                                       |
|-----------------------|---------------------------------------|
| Wash T2N-R6W-S34      | Wash T2S-R2W-S16A(A35)                |
| Wash T2N-R6W-S35      | Wash T2S-R2W-S16B(A15)                |
| Wash T2N-R6W-S36      | Wash T2S-R2W-S17A(A17)                |
| Wash T2N-R7W-S02      | Wash T2S-R2W-S17B(A63)                |
| Wash T2N-R7W-S07E     | Wash T2S-R2W-S20(A19)                 |
| Wash T2N-R7W-S07S     | Wash T2S-R2W-S26(A41)                 |
| Wash T2N-R7W-S10      | Wash T2S-R2W-S35A(B58)                |
| Wash T2N-R7W-S15E     | Wash T2S-R2W-S35B(B29)                |
| Wash T2N-R7W-S15W     | Wash T2S-R2W-S6(A55)                  |
| Wash T2N-R7W-S18E     | Wash T2S-R2W-S7A(A52)                 |
| Wash T2N-R7W-S18W     | Wash T2S-R2W-S7B(A51)                 |
| Wash T2N-R7W-S19E     | Wash T2S-R2W-S7C(A32)                 |
| Wash T2N-R7W-S19W     | Wash T2S-R3W-S1(A54)                  |
| Wash T2N-R7W-S20E     | Wash T2S-R3W-S12A(A30)                |
| Wash T2N-R7W-S20W     | Wash T2S-R3W-S12B(A27)                |
| Wash T2N-R7W-S25E     | Wash T2S-R5W-S17 Reach 1              |
| Wash T2N-R7W-S25S     | Wash T2S-R5W-S17 Reach 2              |
| Wash T2N-R7W-S25W     | Wash T2S-R5W-S17 Reach 3              |
| Wash T2N-R7W-S26E     | Wash T2S-R5W-S17 Reach 4              |
| Wash T2N-R7W-S26W     | Wash T2S-R5W-S17 Reach 5              |
| Wash T2N-R7W-S27E     | Wash T2S-R5W-S17 Tributary 1 Reach 1  |
| Wash T2N-R7W-S27W     | Wash T2S-R5W-S17 Tributary 1 Reach 2  |
| Wash T2N-R7W-S29      | Wash T2S-R5W-S17 Tributary 1 Reach 3  |
| Wash T2N-R7W-S30N     | Wash T2S-R5W-S17 Tributary 1 Reach 4  |
| Wash T2N-R7W-S30S     | Wash T2S-R5W-S17 Tributary 1 Reach 5  |
| Wash T2N-R7W-S32E     | Wash T2S-R5W-S17 Tributary 2 Reach 1  |
| Wash T2N-R7W-S32N     | Wash T2S-R5W-S17 Tributary 3 Reach 1  |
| Wash T2N-R7W-S32S     | Wash T2S-R5W-S17 Tributary 4 Reach 1  |
| Wash T2N-R7W-S32W     | Wash T2S-R5W-S17 Tributary 4 Reach 2  |
| Wash T2N-R7W-S33N     | Wash T2S-R5W-S17 Tributary 4 Reach 3  |
| Wash T2N-R7W-S33S     | Wash T2S-R5W-S7-1 Reach 1             |
| Wash T2N-R7W-S34E     | Wash T2S-R5W-S7-2 Reach 1             |
| Wash T2N-R7W-S34N     | Wash T2S-R5W-S7-2 Reach 2             |
| Wash T2N-R7W-S34S     | Wash T2S-R5W-S7-2 Reach 3             |
| Wash T2N-R7W-S34W     | Wash T2S-R5W-S7-2 Reach 4             |
| Wash T2N-R7W-S36E     | Wash T2S-R5W-S7-2 Tributary 1 Reach 1 |
| Wash T2N-R7W-S36W     | Wash T2S-R5W-S7-2 Tributary 2 Reach 1 |
| Wash T2N-R8W-S01      | Wash T2S-R5W-S7-2 Tributary 2 Reach 2 |
| Wash T2N-R8W-S02E     | Wash T2S-R5W-S7-2 Tributary 2 Reach 3 |
| Wash T2N-R8W-S02W     | Wash T2S-R5W-S7-2 Tributary 3 Reach 1 |
| Wash T2N-R8W-S8-2     | Wash T2S-R5W-S7-2 Tributary 3 Reach 2 |
| Wash T2N-R8W-S9       | Wash T2S-R5W-S7-2 Tributary 3 Reach 3 |
| Wash T2N-R9W-S12-1    | Wash T2S-R5W-S7-2 Tributary 3 Reach 4 |
| Wash T2N-R9W-S12-2    | Wash T2S-R5W-S7-2 Tributary 3 Reach 5 |
| Wash T2N-R9W-S2-1     | Wash T2S-R5W-S7-3 Reach 1             |
| Wash T2N-R9W-S2-2     | Wash T2S-R6W-S2 Reach 1               |
| Wash T2S-R1W-S31(B46) | Wash T2S-R6W-S2 Reach 2               |
| Wash T2S-R2W-S15(A37) | Wash T2S-R6W-S2 Reach 3               |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                                     |                        |
|-------------------------------------|------------------------|
| Wash T2S-R6W-S2 Reach 4             | Wash T3N-R7W-S28E      |
| Wash T2S-R6W-S2 Reach 5             | Wash T3N-R7W-S28W      |
| Wash T2S-R6W-S2 Reach 6             | Wash T3N-R7W-S31E      |
| Wash T2S-R6W-S2 Reach 7             | Wash T3N-R7W-S31S      |
| Wash T2S-R6W-S2 Reach 8             | Wash T3N-R7W-S31W      |
| Wash T2S-R6W-S2 Tributary 1 Reach 1 | Wash T3N-R8W-S05E      |
| Wash T2S-R6W-S2 Tributary 2 Reach 1 | Wash T3N-R8W-S05W      |
| Wash T2S-R6W-S2 Tributary 3 Reach 1 | Wash T3N-R8W-S10       |
| Wash T2S-R6W-S2 Tributary 4 Reach 1 | Wash T3N-R8W-S11E      |
| Wash T2S-R6W-S2 Tributary 4 Reach 2 | Wash T3N-R8W-S11W      |
| Wash T2S-R6W-S2 Tributary 4 Reach 3 | Wash T3N-R8W-S12       |
| Wash T2S-R6W-S2 Tributary 5 Reach 1 | Wash T3N-R8W-S13E      |
| Wash T2S-R6W-S2 Tributary 6 Reach 1 | Wash T3N-R8W-S13S      |
| Wash T2S-R6W-S2 Tributary 7 Reach 1 | Wash T3N-R8W-S13W      |
| Wash T2S-R6W-S3 Reach 1             | Wash T3S-R1W-S15A(G40) |
| Wash T3N-R5W-S20                    | Wash T3S-R1W-S15B(D39) |
| Wash T3N-R5W-S21N                   | Wash T3S-R1W-S22A(D42) |
| Wash T3N-R5W-S21S                   | Wash T3S-R1W-S22B(G39) |
| Wash T3N-R5W-S28N                   | Wash T3S-R1W-S25A(D31) |
| Wash T3N-R5W-S28S                   | Wash T3S-R1W-S25B(D32) |
| Wash T3N-R5W-S30                    | Wash T3S-R1W-S26(D33)  |
| Wash T3N-R5W-S31                    | Wash T3S-R1W-S3(H29)   |
| Wash T3N-R5W-S32E                   | Wash T3S-R1W-S4A(H71)  |
| Wash T3N-R6W-S14W                   | Wash T3S-R1W-S4B(H73)  |
| Wash T3N-R6W-S15N                   | Wash T3S-R1W-S5(B45)   |
| Wash T3N-R6W-S16E                   | Wash T3S-R1W-S9(B12)   |
| Wash T3N-R6W-S16S                   | Wash T3S-R2W-S1(B54)   |
| Wash T3N-R6W-S16W                   | Wash T3S-R2W-S11(B37)  |
| Wash T3N-R6W-S18W                   | Wash T3S-R2W-S2A(B33)  |
| Wash T3N-R6W-S19                    | Wash T3S-R2W-S2B(B65)  |
| Wash T3N-R6W-S20                    | Wash T3S-R2W-S2C(B38)  |
| Wash T3N-R6W-S21                    | Wash T3S-R2W-S2D(B35)  |
| Wash T3N-R6W-S21E                   | Wash T3S-R2W-S2E(B33)  |
| Wash T3N-R6W-S27S                   | Wash T3S-R2W-S6(B47)   |
| Wash T3N-R6W-S27W                   | Wash T4N-R3W-S08E      |
| Wash T3N-R6W-S29                    | Wash T4N-R7W-S28S      |
| Wash T3N-R6W-S33                    | Wash T4N-R7W-S28W      |
| Wash T3N-R7W-S05                    | Wash T4N-R7W-S30       |
| Wash T3N-R7W-S06                    | Wash T4N-R7W-S32       |
| Wash T3N-R7W-S09E                   | Wash T4N-R7W-S33N      |
| Wash T3N-R7W-S09W                   | Wash T4N-R8W-S28E      |
| Wash T3N-R7W-S11                    | Wash T4N-R8W-S28W      |
| Wash T3N-R7W-S12                    | Wash T4N-R8W-S29E      |
| Wash T3N-R7W-S15                    | Wash T4N-R8W-S29W      |
| Wash T3N-R7W-S17                    | Wash T4N-R8W-S31E      |
| Wash T3N-R7W-S20                    | Wash T4N-R8W-S31N      |
| Wash T3N-R7W-S24                    | Wash T4N-R8W-S31S      |
| Wash T3N-R7W-S26                    | Wash T4N-R8W-S31W      |

**Table 2. Approximate Study Flooding Sources (Continued)**

|                              |   |
|------------------------------|---|
| Wash T4N-R8W-S33             | Wash T7N-R8W-S1E                            |
| Wash T4N-R8W-S35E            | Wash T7N-R8W-S1F                            |
| Wash T4N-R8W-S35N            | Wash T7N-R8W-S2                             |
| Wash T4N-R8W-S35W            | Wash T7N-R8W-S7                             |
| Wash T4S-R1E-S15A(F34)       | Wash T7N-R8W-S9                             |
| Wash T4S-R1E-S20(E44 )       | Wash T7N-R8W-S30                            |
| Wash T4S-R1E-S21(E45 )       | Wash T7N-R9W-S17                            |
| Wash T4S-R1E-S23(F20 )       | Wash T7N-R9W-S22                            |
| Wash T4S-R1E-S9(E49)         | Wash T7N-R9W-S25A                           |
| Wash T5N-R2W-S14N            | Wash T7N-R9W-S25B                           |
| Wash T5N-R2W-S14S            | Wash T7N-R9W-S25C                           |
| Wash T5N-R2W-S14W            | Wash T7N-R9W-S25D                           |
| Wash T5N-R2W-S19E            | Wash T7N-R9W-S25E                           |
| Wash T5N-R3W-S24E            | Wash T7N-R9W-S4                             |
| Wash T5N-R5W-S16             | Wash T8N-R2E-S31                            |
| Wash T5N-R5W-S33             | Wash T8N-R2E-S31 Tributary 1                |
| Wash T5N-R5W-S34A            | Wash T8N-R2E-S31 Tributary 2                |
| Wash T5N-R6W-S30             | Wash T8N-R2E-S31 Tributary 3                |
| Wash T5N-R7W-S09             | Wash T8N-R2E-S31 Tributary 4                |
| Wash T5N-R8W-S13             | Wash Tributary 2                            |
| Wash T6N-R4W-S15             | Waterman Wash                               |
| Wash T6N-R4W-S3              | West Castle Creek                           |
| Wash T6N-R8W-S35-B           | West Prong Wash                             |
| Wash T7N-R10W-S13            | Western Canal                               |
| Wash T7N-R1E-S26-2B          | White Tanks Flood Retarding Structure No. 3 |
| Wash T7N-R2E-S6N             | White Tanks Flood Retarding Structure No. 4 |
| Wash T7N-R2E-S6N Tributary 1 | White Tanks Wash                            |
| Wash T7N-R2E-S6S             | White Tanks Wash No. 3                      |
| Wash T7N-R2E-S7              | White Tanks Wash Tributary No. 2            |
| Wash T7N-R4W-S20             | Willow Spring Wash                          |
| Wash T7N-R4W-S28             | Willow Spring Wash-Tributary 3              |
| Wash T7N-R8W-S12             | Willow Springs Wash                         |
| Wash T7N-R8W-S18             | Woolsey Wash                                |
| Wash T7N-R8W-S1A             | Yellow Medicine Wash                        |
| Wash T7N-R8W-S1B             | Yellow Medicine Wash Tributary 1            |
| Wash T7N-R8W-S1C             | Yellow Medicine Wash Tributary 2            |
| Wash T7N-R8W-S1D             | Yucca Flat Wash                             |

## 2.2 Community Description

Maricopa County, encompassing a total area of 9,238 square miles, is located in south-central Arizona. Adjacent counties are Yavapai County on the north, Gila County on the northeast, Pinal County on the east, Pima County on the south, Yuma County on the west, and La Paz County on the northwest. The incorporated communities within the county cover an area in excess of 100 square miles and an additional 3,330 square miles of the county are Government-owned lands. The 2008 population estimate for the county was 3,954,598 (U.S. Census Bureau, 2009).

The terrain throughout Maricopa County varies in character from numerous rugged mountain ranges to plains and deserts. An abundance of small intermittent streams and washes traverse the major portion of the county. Residential and agricultural development is concentrated along the major streams.

The climate in Maricopa County is mild, with short winters and long, hot summers.

The Gila River, which is the largest tributary to the lower Colorado River, flows southwesterly through the southern half of the county. The river basin includes the southern half of Arizona and part of southwestern New Mexico and contributes a drainage area of approximately 49,500 square miles at the Gillespie Dam, which is approximately 31 miles downstream from Goodyear.

The Agua Fria River, a tributary to the Gila River, rises in the Prescott National Forest and flows southerly for approximately 130 miles to its confluence with the Gila River. It drains an area of approximately 2,340 square miles. The river is usually dry because flows are regulated by the Carl Pleasant Dam and Lake Pleasant reservoir, approximately 18 miles north of El Mirage, in north-central Maricopa County (U.S. Department of the Army, 1968).

The New River, the major tributary of the Agua Fria River, rises in the Cook Mesa area of the New River Mountains and flows southerly to the Agua Fria River. It is approximately 48 miles long and has a drainage area of approximately 315 square miles (U.S. Department of the Army, 1967).

Skunk Creek flows southwesterly to its confluence with the New River, draining an area of approximately 110 square miles at its mouth.

Scatter Wash flows westerly through northern portion of the City of Phoenix to its confluence with Skunk Creek.

East Branch Scatter Wash is an overflow area from Scatter Wash. Floodwater flows along the southern Overbank of Scatter Wash just north of Black Canyon Highway, crosses the highway at the Deer Valley Road interchange, and rejoins Scatter Wash along Rose Garden Lane in the City of Phoenix.

The Salt River originates at the Theodore Roosevelt Lake in Gila County. The river flows westerly through east-central Maricopa County to its confluence with the Gila River. The Salt River has a wide, irregular, sandy streambed with several meandering channels throughout the study area. The river drains an area of 13,700 square miles at its mouth. The Salt River is regulated by four dams: Roosevelt, Horse Mesa, Mormon Flat,

and Stewart Mountain. The total capacity of the four reservoirs is 1.755 million acre-feet. Water from this system is used for irrigation of the Salt River Valley and for the generation of power (U.S. Department of the Interior, 1973). Granite Reef Dam, located on the Salt River 3.4 miles below its confluence with the Verde River, diverts water from the river to Arizona and Southern Canals. This water is for municipal use and irrigation.

Cave Creek and its numerous tributaries drain the mountainous areas of east-central Maricopa County. Cave Creek flows southwesterly to its confluence with the Salt River. Its tributaries include East Fork of Cave Creek and Andora Hills, Galloway, Rowe, Grapevine, Ocotillo, and Willow Springs Washes. Flows are regulated by Cave Creek Dam, located just north of Phoenix. East Fork of Cave Creek flows southwesterly to its confluence with Cave Creek, draining an area of approximately 14.4 square miles at its mouth. Andora Hills Wash flows westerly to its confluence with Cave Creek north of the City of Phoenix. Galloway Wash flows westerly to its confluence with Cave Creek north of the City of Phoenix. Rowe Wash and Grapevine Wash flow southwesterly to their confluences with Galloway Wash north of the City of Phoenix. Ocotillo and Willow Springs Washes flow southwesterly before joining Cave Creek north of the City of Phoenix.

The Hassayampa River flows southerly through northwestern Maricopa County before joining the Gila River 40 miles west of the City of Phoenix. The river, which drains an area in northwestern Maricopa County and southern Yavapai County, originates in the Bradshaw Mountains south of Prescott (U.S. Department of the Army, 1972). The terrain of the drainage basin consists of mountains with heavy forest cover in the northern one-third, rolling hills in the central one-third, and desert valley in the southern one-third. The stream gradient of the Hassayampa River ranges from an average of 20 feet per mile near River Mile 40 to approximately 400 feet per mile near Box Canyon in Yavapai County (U.S. Department of the Army, 1972).

Sols Wash originates in the Date Creek Mountains north of Wickenburg. It flows southeasterly, draining an area of 145 square miles at its confluence with the Hassayampa River. The basin is bounded by low, poorly defined ridges and hills extending to Twin Peaks. On the south and east, pronounced foothills and mountains distinguish the drainage divide. The Sols Wash basin is a mildly sloping desert plain. Tributaries to Sols Wash are Flying E, Hospital, Casandro, and Casandro Wash South Branch. Flying E Wash flows northeasterly, joining Sols Wash in western Wickenburg. Hospital Wash flows southerly to its confluence with Sols Wash within Wickenburg. Casandro Wash flows northeasterly to its confluence with Sols Wash in Wickenburg. Casandro Wash South Branch flows northeasterly to its confluence with Casandro Wash in southwestern Wickenburg.

Powder House Wash flows southwesterly in a well-defined channel, draining 2 square miles of desert highlands before discharging into the Hassayampa River at the Town of Wickenburg.

Martinez Wash flows southeasterly, joining the Hassayampa River at the Maricopa-Yavapai County line.

Mockingbird Wash is a tributary of the Hassayampa River approximately 2 miles southeast of the Town of Wickenburg. The wash is well defined, with steep sidewalls. Mockingbird Wash flows southwesterly, draining approximately 7 square miles of desert

highland.

Little San Domingo Wash is a small, well-defined wash near the unincorporated area of Morristown in northern Maricopa County. It flows southwesterly, draining 6.2 square miles of desert highlands at the U.S. Highways 60, 70, and 89 interchange.

Aguila Farm Channel collects flood flows north of the Atchison, Topeka & Santa Fe Railway in northwestern Maricopa County and conveys them westerly across Aguila Farm to Grass Wash.

Grass Wash flows northwesterly through Aguila to its confluence with Centennial Wash in northwestern Maricopa County.

Sand Tank and Bender Washes flow northwesterly through the center of Gila Bend. Sand Tank and Bender Washes approach Gila Bend from the south in two separate channels, but during periods of heavy runoff the washes overflow their banks and the flows are intermixed. The combined flows join the Gila River approximately 3 miles north of Gila Bend.

Rodeo Wash and Rodeo Wash Tributary flow northwesterly through eastern Gila Bend.

Airport Wash flows northwesterly through the northeastern corner of Gila Bend.

Scott Avenue Wash flows northerly through western Gila Bend.

Lower El Mirage Wash and Lower El Mirage Wash Tributary flow easterly to the Agua Fria River near El Mirage.

The Atchison, Topeka & Santa Fe Railway Channel flows easterly to the Agua Fria River through the northern part of the town.

The elevated embankments of the Atchison, Topeka & Santa Fe Railway and the Southern Pacific Railroad impede the movement of floodwaters from the east and northeast, resulting in ponding and shallow flooding along the embankments throughout the county.

Echo Canyon Wash flows southwesterly through the Town of Paradise Valley, and Cities of Phoenix and Scottsdale to its junction with Arizona Canal.

Apache Creek, near Apache Junction, is on an alluvial fan at the base of the Superstition Mountains in southeastern Maricopa County.

A system of irrigation canals crosses the southern one-half of the county nearly parallel to ground contours. The system consists of the Arizona, Grand, Western, Tempe, Highline, Kyrene Branch, Gila Bend, Southern, Buckeye, Consolidated, Roosevelt, and Eastern Canals, and the Granite Reef Aqueduct.

### 2.3 Principal Flood Problems

The flooding history of Maricopa County indicates that large portions of the county are subject to destructive floods.

The principal flood hazard results from overflow of the major rivers; the overflow results in the inundation of the wide, flat floodplains, including any residential, commercial, or agricultural developments located within them. Erosion, combined with the development of new channels, adds to the potential hazard from inundation.

Areas adjacent to the floodplains of the major rivers, but not subject to overflow from the rivers, may be flooded due to the failure of earthen dikes and other retarding or diverting structures (U.S. Department of the Interior, 1973).

The upland areas of Maricopa County are also subject to flooding. Throughout the county, broad alluvial slopes lie between the steep mountains and major watercourses. These slopes are formed by the intermingling of alluvial fans from several streams and are traversed by many small channels that divide and reconverge at many places.

These channels are usually lined with small amounts of brush. Flooding occurs as a direct result of rainfall on the slopes or is caused by streams that drain from the mountains. Floods originating in the mountains often carry substantial amounts of rock debris, which are deposited on the alluvial slope. The debris may plug old channels and cause new ones to develop. Many of the lower slopes receive runoff only from precipitation that falls directly on the area involved because mountain runoff is completely on the upper slopes.

Much of the flood flow on the upland areas is unconfined and moves down slope as sheet flow. Generally, the sheet flow is less than 1.0 foot deep because the width of flow prevents water from building up to greater depths, except in depressions and where water ponds behind dikes, canals, and road fills that may divert the flow from its normal path. The concentrated flow may then break through at one spot, causing high velocities and deep flows immediately below the break or overflow area (U.S. Department of the Interior, 1974).

The type of sheet flow described above occurs on ground slopes of 1 to 5 percent. Slopes of less than 1 percent are too flat to carry water any significant distance. Ponding and rapid infiltration deplete the flood flows quickly. Slopes of more than 5 percent generally cause defined channels to form. Defined channels of minor tributaries may extend a considerable distance into slopes that are flatter than 5 percent, but will seldom reach slopes of less than 2 percent without distributaries channels forming. Water in these channels is generally 2.5 to 3 feet deep (U.S. Department of the Interior, 1974).

Floods have plagued the Gila River basin for many years. The flood of February 1891 produced a great flood on the Salt River; the estimated peak flood flow was approximately 300,000 cubic feet per second (cfs) at Arizona Dam (the present site of Granite Reef Dam). The largest flood involving the entire Gila River basin since that time was produced by the storms of January 1916. During that month, two Pacific storms occurring 10 days apart brought warm rain, which melted unusually heavy snow covers. The resultant flood ravaged the entire basin (U.S. Department of the Army, 1979).

Other large floods occurred in April 1905, February 1920, March 1938, August 1951, December 1965, December 1967, September 1970, and June 1972.

Heavy precipitation in the mountains north and east of the City of Phoenix caused five

floods in the Phoenix area from March 1978 to February 1980. The floods occurred in March 1978, December 1978, January 1979, March 1979, and February 1980 (approximately a 2-percent-annual-chance flood event) when the flows in the Salt, Verde, and Agua Fria Rivers exceeded the storage capacity of the reservoirs on the rivers. These floods made almost all river crossings on the Salt River impassable for weeks and cut Maricopa County practically in half. Because of major traffic delays, businesses suffered major income losses. The nuisance of traffic jams also affected the lives of residents in the Phoenix metropolitan area. There were major physical damages to roads and bridges that crossed the Salt and Agua Fria Rivers. The Sky Harbor International Airport runways were flooded, causing partial closure of operations. The other flood damages were to agricultural fields on the flat floodplain, to the sand-and-gravel-mining operations in the riverbed, and to commercial establishments in the river floodplains. Emergency assistance costs for local fire, police, and public services increased significantly. The overall flood damage estimate for March 1978 was approximately \$33.2 million; for December 1978, \$51.8 million; and for February 1980, \$63.6 million.

Figures 1, 2, 3, and 4 depict flooding along the Salt River during December 1965. Figure 5 shows flooding on the Agua Fria River near the City of Goodyear during the December 1965 flood.



**Figure 1.** Looking downstream on the Salt River During the December 1965 flood (Sky Harbor International Airport runways are in the center.)



**Figure 2.** Salt River flooding in December 1965 (The 40th Street bridge railing is visible at lower right; flow is from right to left.)



**Figure 3.** The Salt River Bridges in the City of Tempe, looking upstream (The flooded area in the upper center is now developed into athletic fields and parking lots for Arizona State University. Photograph was taken on December 31, 1965.)



**Figure 4.** The Salt River in the City of Tempe looking southwest (The flow is left to right. The buildings in the upper center of the photo are the Arizona State University. Scottsdale Road crosses the photo from the upper left to the lower right. Photograph was taken on December 31, 1965.)



**Figure 5.** Agua Fria River Flooding at U.S. Highway 80 and Southern Pacific Railroad Bridge near the City of Goodyear on December 22, 1965 (Direction of flow is right to left.)

## 2.4 Flood Protection Measures

Several flood-control structures exist in Maricopa County. Painted Rock Dam, which is 20 miles northwest of Gila Bend on the Gila River, was completed in 1959. It provides flood protection for approximately 360,000 acres downstream of the dam (U.S. Department of the Army, 1979).

Runoff on the Salt River and its tributary, the Verde River, has been reduced over the years by the construction of several dams: Granite Reef Dam (1908); Roosevelt Dam (1911); Mormon Flat Dam (1925); Horse Mesa Dam (1927); Stewart Mountain Dam (1930) on the Salt River; Bartlett Dam (1939); and Horseshoe Dam (1945) on the Verde River.

Carl Pleasant Dam was constructed at the Frog Tanks gage on the Agua Fria River in 1927. It controls runoff from an area of 1,457 square miles (U.S. Department of the Army, 1974).

Cave Creek Dam, built in 1920, provides protection from a 4-percent-annual-chance flood to parts of the City of Phoenix.

The Paradise Valley detention dikes, which are a feature of the Central Arizona Project (CAP), provide flood protection for the northeastern part of Phoenix and Scottsdale in excess of the 1-percent-annual-chance flood. The Paradise Valley detention dikes have 14 feet of freeboard to provide protection from the 1-percent-annual-chance flood (FEMA, 1984). Also part of the CAP is the Granite Reef Aqueduct, which consists of a concrete-lined channel and a series of levees.

Dreamy Draw detention basin (1973) and Cave Buttes Dam (1980) provide additional flood protection for the City of Phoenix.

Trilby Wash detention basin (McMicken Dam) was completed in 1956. The detention basin has a capacity of approximately 19,300 acre-feet (U.S. Department of the Army, 1979). A levied outlet channel conveys flood releases from the detention basin to the Agua Fria River. The project provides some flood protection to Luke Air Force Base, Phoenix Litchfield Municipal Airport, and the Cities of Goodyear, Litchfield, Avondale, Surprise, and El Mirage.

Spook Hill Dam, Signal Butte Dam, Pass Mountain Dam, Powerline Dam, a diversion-structure to Powerline Dam, and Rittenhouse Dam control flooding in the southeastern part of the county (FEMA, 1980; FEMA, 1983).

Drainage structures in the I-8 embankment south of Gila Bend were designed, according to State criteria, for a 2-percent-annual-chance storm. This provides a shielding effect to Gila Bend because floodwaters from lower frequency storms will be detained by the highway, and flows exceeding the capacity of the highway structures will be diverted to the west (FEMA, 1979).

A storm water detention dike was built approximately 4 miles north of the Town of Buckeye under the auspices of FCDMC. This facility was designed and constructed to contain up to the 1-percent-annual-chance frequency storm runoff from the drainage areas north of the Roosevelt Canal. This facility provides some flood protection to the

Town of Buckeye (FEMA, 1981).

The channelization of portions of the Agua Fria, Gila, New, and Salt Rivers, Skunk Creek, and Scatter Wash has significantly reduced their respective floodplain areas. Adobe Dam was constructed in April 1982 on Skunk Creek across Deer Valley Drive, approximately 1 mile west of Black Canyon Highway. The embankment is a compacted-earth fill structure. The ungated outlet works are designed to release a discharge of 1,890 cfs when the water surface is at the spillway crest. The dam is designed to reduce the Standard Project Flood peak inflow of 66,000 cfs to an outflow of 1,890 cfs. The 1-percent-annual-chance base flood inflow of 39,000 cfs will be reduced to a 1,730-cfs outflow.

In addition, the construction of the New River Dam has reduced the peak flow downstream at the confluence with Skunk Creek from 58,000 cfs to 12,000 cfs.

Levees in the study area provide the community with some degree of protection from flooding. However, it has been ascertained that some of these levees may not provide 1-percent-annual-chance flood protection. The criteria used to evaluate 1-percent-annual-chance protection are: (1) adequate design, including freeboard; (2) structural stability; and (3) proper operation and maintenance. Levees that do not provide 1-percent flood protection are not considered in the hydraulic analyses of the 1-percent floodplain.

### **3.0 ENGINEERING METHODS**

For the flooding sources studied by detailed methods in the county, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude that are expected to be equaled or exceeded once on the average during any 10-, 50-, 100-, or 500-year period (recurrence interval) have been selected as having special significance for floodplain management and for flood insurance rates. These events, commonly termed the 10-, 50-, 100-, and 500-year floods, have a 10-, 2-, 1-, and 0.2-percent chance, respectively, of being equaled or exceeded during any year. Although the recurrence interval represents the long-term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than 1 year are considered. For example, the risk of having a flood, which equals or exceeds the 1-percent-annual-chance (100-year) flood in any 50-year period is approximately 40 percent (4 in 10); for any 90-year period, the risk increases to approximately 60 percent (6 in 10). The analyses reported herein reflect flooding potentials based on conditions existing in the county at the time of completion of this study. Maps and flood elevations will be amended periodically to future changes.

#### **3.1 Hydrologic Analyses**

Hydrologic analyses were carried out to establish the peak discharge-frequency relationships for each flooding source studied by detailed methods affecting the county.

Peak discharges for the Hassayampa River were developed from discharge-frequency relationships of historic floods and gage records (U.S. Department of the Army, 1974).

In the absence of observed runoff data, present-condition, discharge-frequency values for Scatter Wash and the New River were used. Present-condition, discharge-frequency values for Scatter Wash and Skunk Creek below Adobe Dam were based on future

condition values modified to reflect present conditions (U.S. Department of the Army, 1982). Discharge-frequency values for the Agua Fria River were determined by routing balanced hydrographs, which were developed from Waddell Dam inflow-volume-frequency relationships, through the dam and downstream, and adding local flows as appropriate. Discharge-frequency relationships for the Salt River and Gila Rivers concentration points were determined by routing period-of-record flows through existing reservoirs using the HEC-5 computer model (U.S. Department of the Army, May 1982).

Peak discharge-frequency relationships for Cave Creek (below Cave Creek Dam), East Fork of Cave Creek, and Echo Canyon Wash were taken from the FIS for the City of Phoenix (FEMA, 1984).

Peak discharge-frequency relationships for Cave Creek (above Cave Creek Dam), Andora Hills Wash, Galloway Wash, Apache Creek, Rowe Wash, Grapevine Wash, Ocotillo Wash, Willow Springs Wash, Skunk Creek (above Carefree Highway), Mockingbird Wash, Little San Domingo Wash, Whitman Drainage, Aguila Farm Channel, Grass Wash, Sand Tank Wash, Bender Wash, Rodeo Wash and its tributary, Airport Wash, Scott Avenue Wash, and Martinez Wash were developed using the U.S. Soil Conservation Service (SCS) TR-20 program (U.S. Department of Agriculture, 1965). In addition, the SCS TR-55 computer program (U.S. Department of Agriculture, 1975) was used to determine flood peaks for Buckeye Feeder Canal; Atchison, Topeka & Santa Fe Railway Channel; Southern Pacific Railroad Spur at the City of Chandler; Southern Pacific Railroad at the Town of Buckeye and the Cities of Chandler, Gilbert, Goodyear, Tempe, and Tolleson; and Lower El Mirage Wash and its tributary.

The Town of Wickenburg requested a restudy for Sols Wash based upon studies performed by the SCS and PRC Toups Engineering (PRC) (U.S. Department of the Army, 1979). These studies yielded peak discharges significantly less than what had been assumed in the previous analysis for the effective FIS (FEMA, 1983).

The SCS computer model, TR-20, was selected to be used to estimate the 10-, 2-, 1- and 0.2-percent-annual-chance peak discharges for various concentration points along Sols Wash. The TR-20 model utilizes the method of analysis described in detail in the SCS National Engineering Handbook Section 4, Hydrology, 1972. This method allows for the prediction of surface water runoff, for an individual watershed, using rainfall-duration and intensity data. The TR-20 model provides a convenient means of predicting the results of storm runoff from multiple watersheds. The storm runoff for individual watersheds is computed and an outflow hydrograph simulated. Individual hydrographs may then be routed and combined to obtain the cumulative downstream effects (U.S. Department of Agriculture, 1965; U.S. Department of Agriculture, 1972; U.S. Department of Commerce, 1973; U.S. Department of Agriculture, July 1975; U.S. Department of Agriculture, December 1975; U.S. Department of Agriculture, 1974; U.S. Department of Agriculture, 1973; and U.S. Department of Agriculture, 1976).

The precipitation frequencies for the area were obtained from is pluvial maps prepared by the U.S. Weather Bureau. The SCS Type II rainfall distribution was used to model the rainfall, which was adjusted using an aerial reduction based upon the total drainage area. Such reduction is necessary to convert from the point aerial rainfall amount. Using soils maps of the area, prepared by the SCS, and from site investigation, runoff curve numbers were selected, based upon recent information developed by the SCS. Time of concentrations for steep and incised washes were computed using the Kirpich equation. For gently sloping alluvial plains, many of which occur on the upper northwest portion of the drainage basin, travel velocities were estimated assuming broad sheet flow and utilizing Manning's equation.

Because there is no gauging station on Sols Wash, and thus no accurate record of historic flooding, there is no means to provide calibration of the rainfall-runoff model, and therefore, only comparison with earlier studies can be made.

The discharge estimates obtained from the TR-20 analysis for this study correspond with the results from both the SCS and PRC analyses. The discharge-frequency curve developed by the USACE for the 1977 FIS has a steeper slope and results in a much larger 1-percent-annual-chance peak discharge than the other studies. The SCS, PRC, and CBA studies each employed the TR-20 model which might explain, in part, the consistency of the results, although the TR-20 is quite sensitive to changes in time of concentration, and each model employed different input parameters.

The calibration of the TR-20 model, by PRC, using streamflow data from the Hassayampa River, lends further credence to each of the study results. Therefore, results from the TR-20 model utilized in this restudy of Sols Wash have been employed in the hydraulic analysis.

Peak discharge-frequency relationships for Casandro, South Branch Cassandro, Flying E, Hospital, and Powder House Washes were taken from the FIS for the Town of Wickenburg (FEMA, 1983).

For the Stagecoach Pass Wash Overflow, 1-percent annual-chance flood discharge was previously developed in the North Scottsdale Floodplain Delineation Study (DEI Professional Services, 2005).

Peak discharge-drainage area relationships for flooding sources studied by detailed methods are shown in Table 3, "Summary of Discharges".

Elevations for floods of the recurrence intervals for multiple flooding sources are shown in Table 4, "Summary of Stillwater Elevations".

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>16 East (McMicken Wash)</b>   |                              |                          |                         |                         |                           |
| Just downstream of third siphon east of Grand Avenue on Beardsley Canal  | 10.19                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,958                   | -- <sup>1</sup>           |
| Flow through third siphon east of Grand Avenue on Beardsley Canal  | 10.19                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,535                   | -- <sup>1</sup>           |
| Just downstream of wash confluence on Western Side of Section 35   | 8.72                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,898                   | -- <sup>1</sup>           |
| At CAP 16 East Sixteenth Overchute east of Grand Avenue on CAP Canal   | 3.27                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,652                   | -- <sup>1</sup>           |
| <b>191st Avenue Wash</b> (Peak discharges have been derived by performing a HEC-2 split flow analysis along 191st Avenue Wash) |                              |                          |                         |                         |                           |
| Approximately 200 feet north of I-10   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 617                     | -- <sup>1</sup>           |
| At Indian School Road  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 147                     | -- <sup>1</sup>           |
| At Camelback Road  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 564                     | -- <sup>1</sup>           |
| <b>ADOT U.S. 60 Channel</b>  |                              |                          |                         |                         |                           |
| Downstream of confluence with Tempe Canal  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 2,506                   | -- <sup>2</sup>           |
| Upstream of confluence with Tempe Canal  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,617                   | -- <sup>2</sup>           |
| <b>Agua Fria River</b>   |                              |                          |                         |                         |                           |
| At confluence with Gila River  | -- <sup>2</sup>              | 22,000                   | 68,000                  | 94,000                  | 183,000                   |
| Upstream of downstream end of USACE levee approximately 0.7 mile below Lower Buckeye Road                                      | -- <sup>2</sup>              | 22,000                   | 69,000                  | 95,000                  | 184,000                   |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                        | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Aguila Farm Channel</b>                          |                                 |                                |                               |                               |                                 |
| Downstream of Grass Wash                            | 314.4                           | 4,130                          | 14,500                        | 19,300                        | -- <sup>1</sup>                 |
| At Eagle Eye Avenue                                 | 239.6                           | 3,620                          | 12,700                        | 16,900                        | -- <sup>1</sup>                 |
| <b>Andora Hills Wash</b>                            |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Cave Creek              | 2.8                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,568                         | -- <sup>1</sup>                 |
| Upstream of School House Road                       | 1.7                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,615                         | -- <sup>1</sup>                 |
| Upstream of Carefree Drive                          | 0.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,070                         | -- <sup>1</sup>                 |
| Downstream of Scottsdale Road                       | 0.6                             | 420                            | 640                           | 720                           | 980                             |
| <b>Andora Hills Wash Split 1</b>                    |                                 |                                |                               |                               |                                 |
| At confluence with Andora Hills Wash                | N/A                             | -- <sup>2</sup>                | -- <sup>2</sup>               | 305                           | -- <sup>2</sup>                 |
| <b>Andora Hills Wash Split 2</b>                    |                                 |                                |                               |                               |                                 |
| At confluence with Andora Hills Wash                | N/A                             | -- <sup>2</sup>                | -- <sup>2</sup>               | 1,287                         | -- <sup>2</sup>                 |
| <b>Apache Wash</b>                                  |                                 |                                |                               |                               |                                 |
| At Cave Butte Recreation Area                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 17,136                        | -- <sup>1</sup>                 |
| Upstream of confluence with Paradise Wash           | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 13,541                        | -- <sup>1</sup>                 |
| Upstream of confluence with Desert Hills Wash       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,534                         | -- <sup>1</sup>                 |
| Downstream of Carefree Highway                      | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,463                         | -- <sup>1</sup>                 |
| Upstream of Carefree Highway                        | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,739                         | -- <sup>1</sup>                 |
| At New River Road                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,187                         | -- <sup>1</sup>                 |
| Upstream of confluence with Apache Wash West Fork   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,853                         | -- <sup>1</sup>                 |
| Downstream of Saddle Mountain Road                  | 3.03                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,853                         | -- <sup>1</sup>                 |
| Upstream of confluence with Apache Wash Tributary 4 | 2.36                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,722                         | -- <sup>1</sup>                 |
| Upstream of confluence with Apache Wash Tributary 5 | 1.98                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,496                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                              | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Apache Wash (continued)</b>                            |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash Tributary 6       | 1.61                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,964                   | -- <sup>1</sup>           |
| Upstream of confluence with Apache Wash Tributary 7       | 0.81                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,563                   | -- <sup>1</sup>           |
| <b>Apache Wash Split Flow Area</b>                        |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,866                   | -- <sup>1</sup>           |
| Upstream of Carefree Highway                              | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,250                   | -- <sup>1</sup>           |
| <b>Apache Wash Tributary 1</b>                            |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash                   | 0.63                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 641                     | -- <sup>1</sup>           |
| Upstream of Carefree Highway                              | 0.52                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 607                     | -- <sup>1</sup>           |
| <b>Apache Wash Tributary 2</b>                            |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash                   | 0.83                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,316                   | -- <sup>1</sup>           |
| Upstream of confluence with Apache Wash Tributary 3       | 0.66                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 993                     | -- <sup>1</sup>           |
| Approximately 2,300 feet upstream of Park Road            | 0.43                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 815                     | -- <sup>1</sup>           |
| <b>Apache Wash Tributary 3</b>                            |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash Tributary 2       | 0.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 306                     | -- <sup>1</sup>           |
| <b>Apache Wash Tributary 4</b>                            |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash                   | 0.38                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 692                     | -- <sup>1</sup>           |
| Approximately 2,400 feet upstream of Saddle Mountain Road | 0.19                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 415                     | -- <sup>1</sup>           |
| <b>Apache Wash Tributary 5</b>                            |                              |                          |                         |                         |                           |
| Upstream of confluence with Apache Wash                   | 0.14                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 291                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                      | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Apache Wash Tributary 6</b>                    |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Apache Wash           | 0.31                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 603                           | -- <sup>1</sup>                 |
| <b>Apache Wash Tributary 7</b>                    |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Apache Wash           | 0.64                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,166                         | -- <sup>1</sup>                 |
| <b>Apache Wash West Fork</b>                      |                                 |                                |                               |                               |                                 |
| Downstream of Saddle Mountain Road                | 1.16                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,191                         | -- <sup>1</sup>                 |
| Upstream of Saddle Mountain Road                  | 0.47                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 823                           | -- <sup>1</sup>                 |
| <b>Apache Wash West Fork Tributary 1</b>          |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Apache Wash West Fork | 0.36                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 689                           | -- <sup>1</sup>                 |
| <b>Apache Wash West Fork Tributary 2</b>          |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Apache Wash West Fork | 0.26                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 478                           | -- <sup>1</sup>                 |
| <b>Arrow Wash</b>                                 |                                 |                                |                               |                               |                                 |
| Upstream of Ashbrook Wash                         | 0.42                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 490                           | -- <sup>1</sup>                 |
| At Cavern Drive                                   | 0.13                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 270                           | -- <sup>1</sup>                 |
| <b>Ashbrook Wash</b>                              |                                 |                                |                               |                               |                                 |
| At El Pueblo Boulevard                            | 13.28                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,180                         | -- <sup>1</sup>                 |
| At Saguaro Boulevard                              | 8.78                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,050                         | -- <sup>1</sup>                 |
| Upstream of Legend Wash                           | 8.14                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,380                         | -- <sup>1</sup>                 |
| Downstream of Dam 4                               | 7.13                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 970                           | -- <sup>1</sup>                 |
| Downstream of Dam 6                               | 2.15                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 300                           | -- <sup>1</sup>                 |
| At Golden Eagle Boulevard                         | 1.85                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,880                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Atchison Topeka &amp; Santa Fe Railroad Channel</b>                    |                              |                          |                         |                         |                           |
| At confluence with Agua Fria River  | 1.1                          | 180                      | 370                     | 435                     | -- <sup>1</sup>           |
| At Olive and 75th Avenue  | 5.4                          | 490                      | 1,020                   | 1,340                   | 1,920                     |
| At Peoria and 83rd Avenue (drainage area affected by upstream diversions) | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 100                     | -- <sup>1</sup>           |
| At Hawkins Road   | 0.3                          | 100                      | 190                     | 230                     | -- <sup>1</sup>           |
| <b>Balboa Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Ashbrook Wash   | 4.19                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,130                   | -- <sup>1</sup>           |
| At Glenbrook Boulevard  | 3.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 660                     | -- <sup>1</sup>           |
| <b>Basin 1A</b>   |                              |                          |                         |                         |                           |
| At Apex   | 1.46                         | 348                      | 2,148                   | 4,083                   | 14,981                    |
| <b>Basin 1B</b>   |                              |                          |                         |                         |                           |
| At Apex   | 1.79                         | 234                      | 1,787                   | 3,661                   | 15,663                    |
| <b>Basin 2A</b>   |                              |                          |                         |                         |                           |
| At Apex   | 0.8                          | 169                      | 1,063                   | 2,036                   | 7,572                     |
| <b>Basin 2B</b>   |                              |                          |                         |                         |                           |
| At Apex   | 7.87                         | 1,243                    | 5,782                   | 9,949                   | 29,836                    |
| <b>Basin 3</b>  |                              |                          |                         |                         |                           |
| At Apex   | 0.46                         | 86                       | 482                     | 887                     | 3,021                     |
| <b>Basin 4A</b>   |                              |                          |                         |                         |                           |
| At Apex   | 0.63                         | 222                      | 848                     | 1,360                   | 3,554                     |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Basin 4B</b>  |                                 |                                |                               |                               |                                 |
| At Apex  | 0.78                            | 153                            | 706                           | 1,210                         | 3,620                           |
| <b>Basin 4C</b>  |                                 |                                |                               |                               |                                 |
| At Apex  | 1.78                            | 452                            | 2,108                         | 3,629                         | 10,918                          |
| <b>Basin 4D</b>  |                                 |                                |                               |                               |                                 |
| At Apex  | 9.7                             | 901                            | 4,062                         | 6,912                         | 20,276                          |
| <b>Basin 5</b>   |                                 |                                |                               |                               |                                 |
| At Apex (Area includes portion of Basin 4D from which runoff can be diverted into Basin 5) | 3.09                            | 358                            | 1,659                         | 2,849                         | 8,535                           |
| <b>Basin 6A</b>  |                                 |                                |                               |                               |                                 |
| At Apex  | 3.32                            | 322                            | 1,831                         | 3,382                         | 11,709                          |
| <b>Basin 6B</b>  |                                 |                                |                               |                               |                                 |
| At Apex  | 0.43                            | 100                            | 358                           | 562                           | 1,400                           |
| <b>Basin 6C</b>  |                                 |                                |                               |                               |                                 |
| At Apex  | 1.49                            | 182                            | 854                           | 1,475                         | 4,451                           |
| <b>Beardsley Canal Wash</b>  |                                 |                                |                               |                               |                                 |
| Downstream of Northern Avenue  | 10.87                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,131                         | -- <sup>1</sup>                 |
| Upstream of Northern Avenue  | 10.87                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,679                         | -- <sup>1</sup>                 |
| At the confluence with Cholla Wash   | 6.01                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,115                         | -- <sup>1</sup>                 |
| Downstream of Olive Avenue   | 4.86                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,115                         | -- <sup>1</sup>                 |
| Upstream of Olive Avenue   | 4.86                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,715                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Beardsley Canal Wash (continued)</b>   |                              |                          |                         |                         |                           |
| At Peoria Avenue  | 0.29                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 296                     | -- <sup>1</sup>           |
| <b>Beardsley Wash North</b>   |                              |                          |                         |                         |                           |
| At Apex   | 1.79                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,661                   | -- <sup>1</sup>           |
| At confluence with Beardsley Wash Breakout South  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,784                   | -- <sup>1</sup>           |
| <b>Beardsley Wash South</b>   |                              |                          |                         |                         |                           |
| At Apex   | 1.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,083                   | -- <sup>1</sup>           |
| At Breakout   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,424                   | -- <sup>1</sup>           |
| <b>Beardsley Wash South Breakout</b>  |                              |                          |                         |                         |                           |
| At confluence with Beardsley Wash North   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 710                     | -- <sup>1</sup>           |
| <b>Bedrock Wash</b>   |                              |                          |                         |                         |                           |
| At White Tanks Structure #3   | 4.93                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,738                   | -- <sup>1</sup>           |
| At the confluence with Bedrock Wash North Fork  | 3.86                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,920                   | -- <sup>1</sup>           |
| <b>Bedrock Wash North Fork</b>  |                              |                          |                         |                         |                           |
| Approximately 792 feet upstream of the confluence with Bedrock Wash   | 2.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,560                   | -- <sup>1</sup>           |
| <b>Bender Wash</b>  |                              |                          |                         |                         |                           |
| At Mouth (below Gila Bend Canal, Bender Wash derives its peak 1%-annual-chance discharge from split flow from Sand Tank Wash) | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,100                   | -- <sup>1</sup>           |
| Upstream of Gila Bend Canal   | 89                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,900                   | -- <sup>1</sup>           |
| Downstream of I-8   | 85                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,184                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Bender Wash (continued)</b>   |                              |                          |                         |                         |                           |
| Upstream of I-8  | 85                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,530                   | -- <sup>1</sup>           |
| <b>Bender Wash North Tributary</b>   |                              |                          |                         |                         |                           |
| Just upstream of confluence with Bender Wash                                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,673                   | -- <sup>1</sup>           |
| <b>Black Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with New River  | 1.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,926                   | -- <sup>1</sup>           |
| <b>Blue Tank Wash</b>  |                              |                          |                         |                         |                           |
| At Hassayampa River  | 10.83                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,071                   | -- <sup>1</sup>           |
| <b>Bonita Dike Channel</b>   |                              |                          |                         |                         |                           |
| Approximately 2,200 feet upstream of Wash 14 East confluence with Wash 13 East | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 140                     | -- <sup>1</sup>           |
| <b>Buchanan Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Skunk Creek   | 11.29                        | 1,422                    | 2,005                   | 2,304                   | 3,067                     |
| Approximately 800 feet downstream of Central Arizona Project Canal             | 9.17                         | 1,065                    | 1,253                   | 1,308                   | 1,407                     |
| <b>Buckeye Feeder Canal</b>  |                              |                          |                         |                         |                           |
| Approximately 2,300 feet upstream of downstream of limit of detailed study     | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 8,969                   | -- <sup>2</sup>           |
| Just upstream of Broadway  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 7,679                   | -- <sup>2</sup>           |
| At upstream limit of detailed study  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 4,177                   | -- <sup>2</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Bullard Wash</b>  |                              |                          |                         |                         |                           |
| At Lower Buckeye Road  | 91.66                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,906                   | -- <sup>1</sup>           |
| At Yuma Road   | 89.93                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,438                   | -- <sup>1</sup>           |
| Downstream of I-10   | 88.27                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,446                   | -- <sup>1</sup>           |
| Upstream of I-10   | 88.27                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,319                   | -- <sup>1</sup>           |
| At Indian School Road  | 84.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,630                   | -- <sup>1</sup>           |
| At Bethany Home Road   | 39.13                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,856                   | -- <sup>1</sup>           |
| Just downstream of Litchfield Road   | 1.18                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 450                     | -- <sup>1</sup>           |
| <b>Bullard Wash West Tributary</b>   |                              |                          |                         |                         |                           |
| At confluence with Bullard Wash  | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,856                   | -- <sup>1</sup>           |
| <b>Bulldozer Wash</b>  |                              |                          |                         |                         |                           |
| Approximately 1,056 feet upstream of the confluence with Tuthill Dike Wash | 1.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,250                   | -- <sup>1</sup>           |
| At Caterpillar Proving Grounds Road  | 0.52                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 525                     | -- <sup>1</sup>           |
| <b>Calamity Wash</b>   |                              |                          |                         |                         |                           |
| At Hassayampa River  | 4.28                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,098                   | -- <sup>1</sup>           |
| <b>Caliente Wash</b>   |                              |                          |                         |                         |                           |
| Approximately 340 feet downstream of El Pueblo Boulevard                   | 0.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 670                     | -- <sup>1</sup>           |
| Upstream of McDowell Mountain Road   | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 390                     | -- <sup>1</sup>           |
| <b>Camelback Wash</b>  |                              |                          |                         |                         |                           |
| At Reems Road  | 32.16                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 2062                    | -- <sup>1</sup>           |
| At Sarival Road  | 30.34                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,862                  | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Camelback Wash (continued)</b>   |                              |                          |                         |                         |                           |
| At Cotton Lane  | 26.34                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 5182                    | -- <sup>1</sup>           |
| Just downstream of Perryville Road  | 13.17                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 8832                    | -- <sup>1</sup>           |
| <b>Camp Creek Tributary A</b>   |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study                                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,423                   | -- <sup>1</sup>           |
| At the Camp Creek Tributary A1 confluence                                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,423                   | -- <sup>1</sup>           |
| Approximately 1,500 Feet upstream of the Camp Creek Tributary A1 confluence | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,133                   | -- <sup>1</sup>           |
| Approximately 0.46 mile downstream of 144th Avenue                          | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,080                   | -- <sup>1</sup>           |
| Approximately 500 feet downstream of the Camp Creek Tributary A2 confluence | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,030                   | -- <sup>1</sup>           |
| At the Camp Creek Tributary A2 Confluence                                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,030                   | -- <sup>1</sup>           |
| Approximately 1,600 feet upstream of 144th Avenue                           | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 771                     | -- <sup>1</sup>           |
| Approximately 500 feet downstream of Hawknest Road                          | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 578                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                                     | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 386                     | -- <sup>1</sup>           |
| <b>Camp Creek Tributary A1</b>  |                              |                          |                         |                         |                           |
| At the Camp Creek Tributary A confluence                                    | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 364                     | -- <sup>1</sup>           |
| Approximately 0.581 mile upstream of the Camp Creek Tributary A confluence  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 273                     | -- <sup>1</sup>           |
| At the Upstream Limit of Detailed Study                                     | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 182                     | -- <sup>1</sup>           |
| <b>Camp Creek Tributary A2</b>  |                              |                          |                         |                         |                           |
| At the Camp Creek Tributary A confluence                                    | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 285                     | -- <sup>1</sup>           |
| Approximately 0.392 mile upstream of the Camp Creek Tributary A confluence  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 214                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                                     | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 143                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Camp Creek Tributary B</b>  |                                 |                                |                               |                               |                                 |
| At the downstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,681                         | -- <sup>1</sup>                 |
| At the Camp Creek Tributary B1 confluence  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,641                         | -- <sup>1</sup>                 |
| Approximately 0.47 mile upstream of the Camp Creek Tributary B1 confluence                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 935                           | -- <sup>1</sup>                 |
| Approximately 400 feet downstream of 142nd Avenue  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 842                           | -- <sup>1</sup>                 |
| At the Camp Creek Tributary B2 confluence  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 749                           | -- <sup>1</sup>                 |
| Approximately 800 feet downstream of 136th Avenue  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 514                           | -- <sup>1</sup>                 |
| Approximately 0.45 mile upstream of 136th Avenue   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 386                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 257                           | -- <sup>1</sup>                 |
| <b>Camp Creek Tributary B1</b>   |                                 |                                |                               |                               |                                 |
| At the Camp Creek Tributary B confluence   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 705                           | -- <sup>1</sup>                 |
| Approximately 0.478 mile upstream of the Camp Creek Tributary B confluence                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 647                           | -- <sup>1</sup>                 |
| Approximately 0.985 mile upstream of the Camp Creek Tributary B confluence                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 588                           | -- <sup>1</sup>                 |
| Approximately 1.234 mile upstream of the Camp Creek Tributary B confluence                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 441                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 264                           | -- <sup>1</sup>                 |
| <b>Camp Creek Tributary B2</b>   |                                 |                                |                               |                               |                                 |
| At the Camp Creek Tributary B2 confluence  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 326                           | -- <sup>1</sup>                 |
| Approximately 0.6 mile upstream of 140th Avenue  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 245                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 163                           | -- <sup>1</sup>                 |
| At confluence with Aqua Fria River (discharges due to storage behind McMicken Dam and CAP Canal) | 322.99                          | 2,917                          | 5,085                         | 6,522                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Camp Creek Tributary C</b>   |                                 |                                |                               |                               |                                 |
| At the upstream limit of detailed study                                     | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,100                         | -- <sup>1</sup>                 |
| At the Camp Creek Tributary D confluence                                    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,060                         | -- <sup>1</sup>                 |
| At the Camp Creek Tributary C1 confluence                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,497                         | -- <sup>1</sup>                 |
| At the Camp Creek Tributary C2 confluence                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,083                         | -- <sup>1</sup>                 |
| At the Camp Creek Tributary C3 confluence                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 359                           | -- <sup>1</sup>                 |
| Approximately 1,500 feet downstream of the limit of detailed study          | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 269                           | -- <sup>1</sup>                 |
| At the downstream limit of detailed study                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 180                           | -- <sup>1</sup>                 |
| <b>Camp Creek Tributary C1</b>  |                                 |                                |                               |                               |                                 |
| At the Camp Creek Tributary C confluence                                    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 563                           | -- <sup>1</sup>                 |
| Approximately 0.641 mile upstream of the Camp Creek Tributary C confluence  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 539                           | -- <sup>1</sup>                 |
| Approximately 0.375 mile downstream of the limit of detailed study          | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 404                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study                                     | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 270                           | -- <sup>1</sup>                 |
| <b>Camp Creek Tributary C2</b>  |                                 |                                |                               |                               |                                 |
| At the Camp Creek Tributary C Confluence                                    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 447                           | -- <sup>1</sup>                 |
| Approximately 0.32 Mile Upstream of the Camp Creek Tributary C Confluence   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,915                         | -- <sup>1</sup>                 |
| At the Upstream Limit of Detailed Study                                     | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,395                         | -- <sup>1</sup>                 |
| <b>Camp Creek Tributary C3</b>  |                                 |                                |                               |                               |                                 |
| At the Camp Creek Tributary C confluence                                    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 904                           | -- <sup>1</sup>                 |
| Approximately 0.623 mile upstream of the Camp Creek Tributary C confluence  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 724                           | -- <sup>1</sup>                 |
| Approximately 0.573 mile downstream of the upstream limit of detailed study | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 545                           | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Camp Creek Tributary C3 (continued)</b>   |                                 |                                |                               |                               |                                 |
| Approximately 0.316 mile downstream of the upstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 409                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 273                           | -- <sup>1</sup>                 |
| <b>Camp Creek Tributary D</b>  |                                 |                                |                               |                               |                                 |
| At the Camp Creek Tributary C confluence   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 416                           | -- <sup>1</sup>                 |
| Approximately 0.419 mile upstream of the Camp Creek Tributary C confluence   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 312                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 208                           | -- <sup>1</sup>                 |
| <b>Casandro Wash</b>   |                                 |                                |                               |                               |                                 |
| At Sols Wash (including flow in outfall pipe, flow in outfall pipe of 274 cfs is diverted from Casandro Wash at the intersection of Mohave Street and Jackson Street and returns at Sols Wash) | 1.58                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 406                           | -- <sup>1</sup>                 |
| At Atchison, Topeka & Santa Fe Railway   | 1.57                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 281                           | -- <sup>1</sup>                 |
| At intersection of Mohave Street and Jackson Street  | 1.44                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 63                            | -- <sup>1</sup>                 |
| At Navajo Street   | 1.42                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 305                           | -- <sup>1</sup>                 |
| Downstream of Casandro Wash Dam  | 1.24                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 30                            | -- <sup>1</sup>                 |
| Upstream of Casandro Wash Dam  | 1.24                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,265                         | -- <sup>1</sup>                 |
| At U.S. Highway 60 and 70  | 0.68                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 714                           | -- <sup>1</sup>                 |
| <b>Casandro Wash South Branch</b>  |                                 |                                |                               |                               |                                 |
| Upstream of Yaqui Drive  | 0.2                             | 50                             | 250                           | 400                           | 1,000                           |
| <b>Caterpillar Tank Wash</b>   |                                 |                                |                               |                               |                                 |
| At confluence with Agua Fria River   | 3.36                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,315                         | -- <sup>1</sup>                 |
| At Beardsley Canal   | 3.03                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,375                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                        | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Caterpillar Tank Wash (continued)</b>            |                              |                          |                         |                         |                           |
| Immediately downstream from CAP Canal               | 1.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 489                     | -- <sup>1</sup>           |
| <b>Cave Creek</b>                                   |                              |                          |                         |                         |                           |
| At confluence with Salt River                       | 25                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,257                   | -- <sup>1</sup>           |
| At 35th Avenue                                      | 22.6                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,226                   | -- <sup>1</sup>           |
| At Interstate 10 Freeway downstream of Durango Exit | 21                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,217                   | -- <sup>1</sup>           |
| At Interstate 10 Freeway upstream of Durango Exit   | 21                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,523                   | -- <sup>1</sup>           |
| At Jackson Street                                   | 16.1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,890                   | -- <sup>1</sup>           |
| At Van Buren Street                                 | 15.3                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,865                   | -- <sup>1</sup>           |
| At McDowell Road                                    | 12.9                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,691                   | -- <sup>1</sup>           |
| <b>Cave Creek Tributary</b>                         |                              |                          |                         |                         |                           |
| At upstream limit of detailed study                 | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 469                     | -- <sup>1</sup>           |
| Upstream of confluence with Cave Creek              | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,000                   | -- <sup>1</sup>           |
| <b>Cave Creek Tributary Tributary</b>               |                              |                          |                         |                         |                           |
| At upstream limit of detailed study                 | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 451                     | -- <sup>1</sup>           |
| <b>Cave Creek Tributary 1</b>                       |                              |                          |                         |                         |                           |
| At the confluence with Cave Creek                   | 2.39                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,699                   | -- <sup>1</sup>           |
| At the confluence with Cave Creek Tributary 1B      | 0.91                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,691                   | -- <sup>1</sup>           |
| At the confluence with Cave Creek Tributary 1A      | 0.27                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 543                     | -- <sup>1</sup>           |
| <b>Cave Creek Tributary 1A</b>                      |                              |                          |                         |                         |                           |
| At the confluence with Cave Creek Tributary 1       | 0.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,118                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                       | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Cave Creek Tributary 1B</b>                                     |                              |                          |                         |                         |                           |
| At the confluence with Cave Creek Tributary 1                      | 0.11                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 294                     | -- <sup>1</sup>           |
| <b>Cave Creek Tributary 1C</b>                                     |                              |                          |                         |                         |                           |
| At the confluence with Cave Creek Tributary 1                      | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 933                     | -- <sup>1</sup>           |
| At the confluence with Cave Creek Tributary 1D                     | 0.26                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 650                     | -- <sup>1</sup>           |
| <b>Cave Creek Tributary 1D</b>                                     |                              |                          |                         |                         |                           |
| At the confluence with Cave Creek Tributary 1C                     | 0.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 283                     | -- <sup>1</sup>           |
| <b>Cave Creek Unnamed Central Tributary</b>                        |                              |                          |                         |                         |                           |
| Approximately 300 feet upstream of Terravita Sunset Trail          | 2.44                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,849                   | -- <sup>1</sup>           |
| <b>Cave Creek Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Arizona Canal Diversion Channel <sup>2</sup>    | 34.7                         | 10,300                   | 16,100                  | 18,500                  | -- <sup>1</sup>           |
| Downstream of confluence with Moon Valley Wash <sup>2</sup>        | 33.1                         | 10,100                   | 15,300                  | 17,500                  | -- <sup>1</sup>           |
| Downstream of confluence with East Fork of Cave Creek <sup>2</sup> | 22.5                         | 3,100                    | 8,700                   | 11,000                  | 25,000                    |
| Downstream of Loop 101 <sup>2</sup>                                | 5                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,500                   | -- <sup>1</sup>           |
| Upstream of Loop 101 <sup>2</sup>                                  | 4.97                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,300                   | -- <sup>1</sup>           |
| Upstream of Deer Valley Road <sup>2</sup>                          | 4.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,090                   | -- <sup>1</sup>           |
| Downstream of CAP Canal <sup>2</sup>                               | 4.11                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,880                   | -- <sup>1</sup>           |
| Upstream of CAP Canal <sup>2</sup>                                 | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,900                   | -- <sup>1</sup>           |
| Upstream of Cave Buttes Dam Ponding Area                           | 142.5                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 38,200                  | -- <sup>1</sup>           |
| Upstream of confluence with Minor Tributary                        | 137.9                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 36,800                  | -- <sup>1</sup>           |
| At Carefree Highway  | 124.4                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,800                  | -- <sup>1</sup>           |
| Downstream of New River Road                                       | 118.1                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 31,400                  | -- <sup>1</sup>           |
| Near Andora Hills Wash Drive                                       | 115                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 31,200                  | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                           | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Cave Creek Wash (continued)</b>                     |                              |                          |                         |                         |                           |
| Downstream of confluence with Andora Hills Wash        | 112.2                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 30,900                  | -- <sup>1</sup>           |
| Downstream of confluence with Galloway Wash            | 91.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 24,700                  | -- <sup>1</sup>           |
| Downstream of confluence with Willow Springs Wash      | 86                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 24,700                  | -- <sup>1</sup>           |
| Upstream of confluence with Willow Springs Wash        | 80.1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 23,400                  | -- <sup>1</sup>           |
| Downstream of Cahava Ranch Road                        | 77.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 23,200                  | -- <sup>1</sup>           |
| At northeast corner of Section 4 above Cottonwood      | 61.64                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 20,680                  | -- <sup>1</sup>           |
| <b>Cemetery Wash</b>                                   |                              |                          |                         |                         |                           |
| At Hassayampa River                                    | 9.14                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,251                   | -- <sup>1</sup>           |
| At Cemetery Wash Tributary R-1                         | 7.53                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,870                   | -- <sup>1</sup>           |
| At Cemetery Wash Tributary R-3                         | 1.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,793                   | -- <sup>1</sup>           |
| Approximately 6.227 miles upstream of Hassayampa River | 0.75                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 958                     | -- <sup>1</sup>           |
| <b>Cemetery Wash Tributary R-1</b>                     |                              |                          |                         |                         |                           |
| At Cemetery Wash                                       | 0.79                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 943                     | -- <sup>1</sup>           |
| <b>Cemetery Wash Tributary R-2</b>                     |                              |                          |                         |                         |                           |
| At Cemetery Wash                                       | 2.95                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,797                   | -- <sup>1</sup>           |
| <b>Cemetery Wash Tributary R-3</b>                     |                              |                          |                         |                         |                           |
| At Cemetery Wash                                       | 0.47                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 641                     | -- <sup>1</sup>           |
| <b>Centennial Wash</b>                                 |                              |                          |                         |                         |                           |
| At confluence with the Gila River                      | 1,870                        | N/A                      | N/A                     | 67,300                  | N/A                       |
| At Southern Pacific Railroad Near Arlington            | 1,825                        | N/A                      | N/A                     | 67,300                  | N/A                       |
| Near Baseline Road                                     | 1,398                        | N/A                      | N/A                     | 58,100                  | N/A                       |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                           | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Centennial Wash (continued)</b>                     |                              |                          |                         |                         |                           |
| At Gin Road  | 1,110                        | N/A                      | N/A                     | 52,200                  | N/A                       |
| At Eagle Eye Road                                      | 1,031                        | N/A                      | N/A                     | 52,200                  | N/A                       |
| At upstream limit of detailed study                    | 451.5                        | 4,880                    | 16,400                  | 21,700                  | -- <sup>1</sup>           |
| <b>Centennial Wash Left Overbank</b>                   |                              |                          |                         |                         |                           |
| At the upstream of the split from Centennial Wash      | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 3,100                   | -- <sup>2</sup>           |
| <b>Centennial Wash North Branch</b>                    |                              |                          |                         |                         |                           |
| At confluence with Aguila Farm Channel                 | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,960                   | -- <sup>1</sup>           |
| <b>Cereus Wash</b>                                     |                              |                          |                         |                         |                           |
| At Shea Boulevard                                      | 2.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,933                   | -- <sup>1</sup>           |
| At Saguaro Boulevard                                   | 2.28                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,813                   | -- <sup>1</sup>           |
| Upstream of Logan Wash                                 | 1.74                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,451                   | -- <sup>1</sup>           |
| Upstream of Chukar Wash                                | 1.42                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,078                   | -- <sup>1</sup>           |
| At Fountain Hills Boulevard                            | 0.08                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 132                     | -- <sup>1</sup>           |
| <b>Cholla Wash</b>                                     |                              |                          |                         |                         |                           |
| At the confluence with Beardsley Canal Wash            | 6.01                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,816                   | -- <sup>1</sup>           |
| At the confluence with Cholla Wash North Fork          | 3.99                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,227                   | -- <sup>1</sup>           |
| Upstream of the confluence with Cholla Wash North Fork | 3.18                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,527                   | -- <sup>1</sup>           |
| <b>Cholla Wash North Fork</b>                          |                              |                          |                         |                         |                           |
| Upstream of the confluence with Cholla Wash            | 0.81                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 704                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA (Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|---------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                           | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Chukar Wash</b>   |                           |                          |                         |                         |                           |
| Upstream of Cereus Wash  | 0.28                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 573                     | -- <sup>1</sup>           |
| <b>Circle City Area Wash 1</b>   |                           |                          |                         |                         |                           |
| Approximately 3,460 feet north of Dove Valley Road   | 1.3                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 660                     | -- <sup>1</sup>           |
| Approximately 2,350 feet south of Black Mountain Road  | 0.9                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 520                     | -- <sup>1</sup>           |
| At Black Mountain Road   | 0.26                      | 33                       | 159                     | 276                     | -- <sup>1</sup>           |
| Upstream of AT&SFRR  | 0.13                      | 19                       | 53                      | 76                      | -- <sup>1</sup>           |
| <b>Circle City Area Wash 2</b>   |                           |                          |                         |                         |                           |
| At confluence with Circle City Area Wash 1   | 0.26                      | 37                       | 158                     | 276                     | -- <sup>1</sup>           |
| Upstream of AT&SFRR  | 0.13                      | 19                       | 53                      | 72                      | -- <sup>1</sup>           |
| <b>Circle City Area Wash 2 Along Atchison Topeka &amp; Santa Fe Railway</b>  |                           |                          |                         |                         |                           |
| Upstream of confluence with Circle City Area Wash 2 (area not computed because of overflow from Circle City Area Wash 3) | -- <sup>1</sup>           | -- <sup>1</sup>          | 105                     | 200                     | -- <sup>1</sup>           |
| <b>Circle City Area Wash 3</b>   |                           |                          |                         |                         |                           |
| Black Mountain Road  | 2.07                      | 304                      | 490                     | 545                     | -- <sup>1</sup>           |
| At confluence with Circle City Area Wash 6   | 1.35                      | 181                      | 286                     | 330                     | -- <sup>1</sup>           |
| At confluence with Circle City Area Wash 4 (flows decrease due to storage behind AT&SFRR)                                | 1.19                      | 136                      | 201                     | 205                     | -- <sup>1</sup>           |
| Upstream of railroad   | 0.7                       | 139                      | 320                     | 422                     | -- <sup>1</sup>           |
| <b>Circle City Area Wash 4</b>   |                           |                          |                         |                         |                           |
| At confluence with Circle City Area Wash 3 (flows decrease due to storage behind AT&SFR)                                 | 0.16                      | 51                       | 85                      | 125                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA (Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|---------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                           | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Circle City Area Wash 4 (continued)</b>   |                           |                          |                         |                         |                           |
| Downstream of Grand Avenue U.S. Highway 89 (flows decrease due to storage behind AT&SFR)                                 | 0.14                      | 41                       | 65                      | 78                      | -- <sup>1</sup>           |
| Upstream of railroad   | 0.14                      | 45                       | 94                      | 132                     | -- <sup>1</sup>           |
| <b>Circle City Area Wash 4 Along Atchison Topeka &amp; Santa Fe Railway</b>  |                           |                          |                         |                         |                           |
| Upstream of confluence with Circle City Area Wash 4 (area not computed because of overflow from Circle City Area Wash 5) | -- <sup>1</sup>           | 28                       | 54                      | 179                     | -- <sup>1</sup>           |
| <b>Circle City Area Wash 5</b>   |                           |                          |                         |                         |                           |
| At confluence with Circle City Area Wash 6 (discharges decrease due storage behind AT&SFRR)                              | 0.05                      | 30                       | 85                      | 85                      | -- <sup>1</sup>           |
| Upstream of Grand Avenue (discharges decrease due to storage behind AT&SFRR)   | 0.05                      | 30                       | 93                      | 101                     | -- <sup>1</sup>           |
| Upstream of railroad (discharges increase due to overflow from Circle City Area Wash 6)                                  | 0.05                      | 33                       | 176                     | 309                     | -- <sup>1</sup>           |
| Approximately 200 feet upstream of railroad  | 0.05                      | 33                       | 65                      | 89                      | -- <sup>1</sup>           |
| <b>Circle City Area Wash 6</b>   |                           |                          |                         |                         |                           |
| At confluence with Circle City Area Wash 3 (discharges decrease due storage behind AT&SFRR)                              | 0.72                      | 117                      | 196                     | 199                     | -- <sup>1</sup>           |
| At confluence with Circle City Area Wash 5 (discharges decrease due storage behind AT&SFRR)                              | 0.67                      | 87                       | 111                     | 114                     | -- <sup>1</sup>           |
| Upstream of railroad   | 0.62                      | 167                      | 361                     | 479                     | -- <sup>1</sup>           |
| <b>Circle City Area Wash 7</b>   |                           |                          |                         |                         |                           |
| At Black Mountain Road   | 0.57                      | 109                      | 192                     | 215                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                       | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Citrus Valley Wash</b>  |                              |                          |                         |                         |                           |
| At Watermelon Road (above confluence with Gila River)              | 10.7                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,760                   | -- <sup>1</sup>           |
| At I-8   | 7.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,110                   | -- <sup>1</sup>           |
| Upstream of Gila Bend Canal  | 7.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,210                   | -- <sup>1</sup>           |
| <b>Cline Creek</b>   |                              |                          |                         |                         |                           |
| Below confluence with Tributary C8                                 | 16.08                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,747                  | -- <sup>1</sup>           |
| Approximately 8,000 feet upstream of confluence with Tributary C6  | 10.62                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,883                  | -- <sup>1</sup>           |
| Approximately 15,000 feet upstream of confluence with Tributary C6 | 7.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,179                   | -- <sup>1</sup>           |
| <b>Cline Creek Split 3</b>   |                              |                          |                         |                         |                           |
| At confluence with Tributary C-6                                   | 0.98                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,423                   | -- <sup>1</sup>           |
| <b>Colony Wash</b>   |                              |                          |                         |                         |                           |
| At Panorama Drive  | 3.45                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,295                   | -- <sup>1</sup>           |
| At Saguaro Boulevard   | 1.63                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 613                     | -- <sup>1</sup>           |
| Upstream of North Colony Wash                                      | 1.22                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 367                     | -- <sup>1</sup>           |
| At Fountain Hills Boulevard  | 1.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 289                     | -- <sup>1</sup>           |
| At Stoneridge Dam  | 0.85                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 94                      | -- <sup>1</sup>           |
| Upstream of Sunburst Wash  | 0.43                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 461                     | -- <sup>1</sup>           |
| <b>Consolidated Canal (Watershed 2)</b>                            |                              |                          |                         |                         |                           |
| At Tempe Cross Cut   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 441                     | -- <sup>1</sup>           |
| At Main Street   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,122                   | -- <sup>1</sup>           |
| At Southern Avenue   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,884                   | -- <sup>1</sup>           |
| At Freeway (Includes overflow from Watershed 1)                    | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,456                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Consolidated Canal (Watershed 3)</b>                     |                                 |                                |                               |                               |                                 |
| (Including overflow from Watersheds 1 & 4)                  |                                 |                                |                               |                               |                                 |
| At Lindsay Road   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 660                           | -- <sup>1</sup>                 |
| <b>Cottonwood Creek</b>                                     |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Cave Creek                      | 10.06                           | 5,952                          | 9,253                         | 10,956                        | 14,038                          |
| Upstream of confluence with Cottonwood Creek<br>Tributary 1 | 9.62                            | 5,905                          | 9,202                         | 10,925                        | 14,016                          |
| At River Mile 1.85 above Minor Tributary                    | 8.31                            | 5,127                          | 7,963                         | 9,424                         | 12,075                          |
| At River Mile 2.11 above Minor Tributary                    | 1.64                            | 746                            | 1,154                         | 1,366                         | 1,747                           |
| <b>Cottonwood Creek Tributary 1</b>                         |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Cottonwood Creek                | 0.82                            | 764                            | 1,187                         | 1,410                         | 1,804                           |
| Upstream of confluence with Cottonwood Creek<br>Tributary 2 | 0.74                            | 688                            | 1,068                         | 1,269                         | 1,624                           |
| <b>Cottonwood Creek Tributary 2</b>                         |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Cottonwood Creek<br>Tributary 1 | 0.08                            | 76                             | 119                           | 141                           | 180                             |
| <b>Cyprus Point Wash</b>                                    |                                 |                                |                               |                               |                                 |
| At Saguaro Boulevard  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 303                           | -- <sup>1</sup>                 |
| Upstream of Nicklaus Drive                                  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 193                           | -- <sup>1</sup>                 |
| <b>Daggs Wash</b>   |                                 |                                |                               |                               |                                 |
| At Hassayampa River   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,041                         | -- <sup>1</sup>                 |
| Upstream of CAP Canal                                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,957                         | -- <sup>1</sup>                 |
| At Peak View Road   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,297                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Daggs Wash East Split Flow</b>              |                              |                          |                         |                         |                           |
| At the confluence with Daggs Wash              | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 829                     | -- <sup>1</sup>           |
| <b>Daggs Wash West Breakout</b>                |                              |                          |                         |                         |                           |
| At the confluence with Daggs Wash              | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1535                    | -- <sup>1</sup>           |
| Approximately 500 feet upstream of Patton Road | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 920                     | -- <sup>1</sup>           |
| <b>Dale Creek Wash</b>                         |                              |                          |                         |                         |                           |
| At Litchfield Park Detention Facility          | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 520                     | -- <sup>1</sup>           |
| <b>Deadman Wash</b>                            |                              |                          |                         |                         |                           |
| At confluence with New River                   |                              | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,599                   | -- <sup>1</sup>           |
| At Carefree Highway                            |                              | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,510                   | -- <sup>1</sup>           |
| At Joy Ranch Road                              |                              | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,673                   | -- <sup>1</sup>           |
| At I-17  | 12.72                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,437                   | -- <sup>1</sup>           |
| At confluence with Deadman Wash Stream No. 4   | 6.33                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,220                   | -- <sup>1</sup>           |
| At 31st Avenue                                 | 2.49                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,770                   | -- <sup>1</sup>           |
| At 22nd Avenue                                 | 0.52                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,020                   | -- <sup>1</sup>           |
| <b>Deadman Wash Stream No. 4</b>               |                              |                          |                         |                         |                           |
| At I-17  | 1.63                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,760                   | -- <sup>1</sup>           |
| At Irvine Road                                 | 1.26                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,661                   | -- <sup>1</sup>           |
| At 29th Avenue                                 | 0.56                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 768                     | -- <sup>1</sup>           |
| <b>Deadman Wash Stream No. 7</b>               |                              |                          |                         |                         |                           |
| Just upstream of I-17                          | 6.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,300                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Deadman Wash Stream No. 12</b>                                   |                              |                          |                         |                         |                           |
| At the confluence with Deadman Wash                                 | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,190                   | -- <sup>1</sup>           |
| <b>Desert Hills Wash</b>  |                              |                          |                         |                         |                           |
| At confluence with Apache Wash                                      | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,541                  | -- <sup>1</sup>           |
| At 14th Street  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,560                   | -- <sup>1</sup>           |
| At confluence with Desert Lake Wash                                 | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 8,890                   | -- <sup>1</sup>           |
| At Cloud Road   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,669                   | -- <sup>1</sup>           |
| Downstream of Joy Ranch Road and confluence with small unnamed wash | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,692                   | -- <sup>1</sup>           |
| At Joy Ranch Road   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,787                   | -- <sup>1</sup>           |
| Downstream of 20th Street   | 0.73                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,000                   | -- <sup>1</sup>           |
| Upstream of 20th Street   | 0.39                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 638                     | -- <sup>1</sup>           |
| Approximately 2,100 feet upstream of 20th Street                    | 0.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 321                     | -- <sup>1</sup>           |
| <b>Desert Hills Wash Tributary</b>                                  |                              |                          |                         |                         |                           |
| At the confluence with Desert Hills Wash                            | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,000                   | -- <sup>2</sup>           |
| <b>Desert Hills Wash Tributary 1</b>                                |                              |                          |                         |                         |                           |
| Upstream of confluence with Desert Hills Wash                       | 0.41                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 417                     | -- <sup>1</sup>           |
| <b>Desert Hills Wash Tributary 2</b>                                |                              |                          |                         |                         |                           |
| Upstream of confluence with Desert Hills Wash                       | 0.53                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 562                     | -- <sup>1</sup>           |
| Upstream of 14th Street   | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 437                     | -- <sup>1</sup>           |
| <b>Desert Hills Wash Tributary 3</b>                                |                              |                          |                         |                         |                           |
| At confluence with Desert Hills Wash                                | 0.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 887                     | -- <sup>1</sup>           |
| Upstream of 14th Street   | 0.47                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 532                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                              | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Desert Hills Wash Tributary 4</b>                      |                              |                          |                         |                         |                           |
| At confluence with Desert Hills Wash Tributary 3          | 0.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 887                     | -- <sup>1</sup>           |
| Upstream of confluence with Desert Hills Wash Tributary 3 | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 330                     | -- <sup>1</sup>           |
| <b>Desert Hills Wash Tributary 5</b>                      |                              |                          |                         |                         |                           |
| Upstream of confluence with Desert Hills Wash             | 0.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 782                     | -- <sup>1</sup>           |
| Upstream of confluence with Desert Hills Wash             | 0.37                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 614                     | -- <sup>1</sup>           |
| <b>Desert Hills Wash Tributary 6</b>                      |                              |                          |                         |                         |                           |
| Upstream of confluence with Desert Hills Wash             | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 430                     | -- <sup>1</sup>           |
| Upstream of 20th street                                   | 0.25                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 347                     | -- <sup>1</sup>           |
| <b>Desert Lake Wash</b>                                   |                              |                          |                         |                         |                           |
| Upstream of confluence with Desert Hills Wash             | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,772                   | -- <sup>1</sup>           |
| Approximately 1,800 feet downstream of Cloud Road         | 3.55                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,406                   | -- <sup>1</sup>           |
| Approximately 1,300 feet downstream of Cloud Road         | 3.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,224                   | -- <sup>1</sup>           |
| Approximately 600 feet downstream of Cloud Road           | 2.34                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,484                   | -- <sup>1</sup>           |
| Upstream of Tanya Road                                    | 0.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 992                     | -- <sup>1</sup>           |
| Upstream of New River Road                                | 0.32                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 645                     | -- <sup>1</sup>           |
| <b>Desert Lake Wash East Fork</b>                         |                              |                          |                         |                         |                           |
| At Desert Lake Wash                                       | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,772                   | -- <sup>1</sup>           |
| Approximately 200 feet upstream of Gavin Street           | 1.16                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,023                   | -- <sup>1</sup>           |
| Approximately 700 feet upstream of Gavin Street           | 1.16                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 933                     | -- <sup>1</sup>           |
| Approximately 1,000 feet downstream of Maddock Road       | 0.52                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 692                     | -- <sup>1</sup>           |
| Upstream of New River Road                                | 0.15                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 278                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA (Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|---------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                           | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Desert Lake Wash Tributary 2</b>  |                           |                          |                         |                         |                           |
| Approximately 700 feet downstream of Irvine Road                           | 0.58                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 725                     | -- <sup>1</sup>           |
| Upstream of Desert Hills Drive   | 0.45                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 845                     | -- <sup>1</sup>           |
| At Saddle Mountain Road  | 0.28                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 614                     | -- <sup>1</sup>           |
| <b>Diversion Dike Wash</b>   |                           |                          |                         |                         |                           |
| Approximately 1,584 feet upstream of the confluence with Tuthill Dike Wash | 0.25                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 382                     | -- <sup>1</sup>           |
| <b>Doe Peak Wash</b>   |                           |                          |                         |                         |                           |
| Upstream of confluence with Sweat Canyon Wash                              | 7.71                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,335                   | -- <sup>1</sup>           |
| <b>Doe Peak Wash East Fork</b>   |                           |                          |                         |                         |                           |
| Upstream of confluence with Doe Peak Wash                                  | 1.16                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,458                   | -- <sup>1</sup>           |
| <b>Doe Peak Wash South Fork</b>  |                           |                          |                         |                         |                           |
| Upstream of confluence with Doe Peak Wash                                  | 1.68                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,890                   | -- <sup>1</sup>           |
| <b>Dreamy Draw Wash East</b>   |                           |                          |                         |                         |                           |
| At Mouth   | 0.38                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,530                   | -- <sup>1</sup>           |
| Approximately 500 feet upstream of 16th Street                             | -- <sup>1</sup>           | 300                      | 750                     | 1,000                   | 1,700                     |
| <b>Dreamy Draw Wash West</b>   |                           |                          |                         |                         |                           |
| Approximately 260 feet upstream of 13th Street Wash – North Branch         | -- <sup>1</sup>           | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,000                   | -- <sup>1</sup>           |
| <b>East Fork of Cave Creek</b>   |                           |                          |                         |                         |                           |
| At confluence with Cave Creek  | 14.4                      | 2,300                    | 6,400                   | 9,000                   | 19,000                    |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>East Fork of Cave Creek (continued)</b>  |                              |                          |                         |                         |                           |
| Downstream of 7th Avenue Extended   | 13.8                         | 2,300                    | 6,300                   | 8,900                   | 18,000                    |
| Downstream of 7th Street  | 12.4                         | 2,200                    | 5,900                   | 8,400                   | 17,000                    |
| Upstream of 7th Street  | 10                           | 1,900                    | 5,300                   | 7,500                   | 15,200                    |
| At Bell Road  | 3.4                          | 1,100                    | 2,900                   | 4,200                   | 8,200                     |
| Downstream of Cave Creek Road   | 3                            | 1,000                    | 2,800                   | 3,900                   | 7,900                     |
| At Utopia Road  | 1.8                          | 800                      | 2,100                   | 3,000                   | 5,800                     |
| At Beardsley Road   | 1                            | 600                      | 1,500                   | 2,100                   | 4,300                     |
| <b>East Garambullo Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Garambullo Wash  | 0.37                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 259                     | -- <sup>1</sup>           |
| Immediately downstream from CAP Canal   | 0.15                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 93                      | -- <sup>1</sup>           |
| <b>East Maricopa Floodway</b>   |                              |                          |                         |                         |                           |
| At Guadalupe Road   | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,900                   | -- <sup>1</sup>           |
| At Baseline Road  | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,800                   | -- <sup>1</sup>           |
| At Southern Road  | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,500                   | -- <sup>1</sup>           |
| At Broadway Avenue  | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,500                   | -- <sup>1</sup>           |
| <b>Eastern Canal East Embankment Flooding</b>   |                              |                          |                         |                         |                           |
| Immediately downstream of McKellips Road  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 271                     | -- <sup>2</sup>           |
| Immediately downstream of Lindsday Road   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 236                     | -- <sup>2</sup>           |
| Immediately downstream of Main Street to approximately 750 feet downstream of Main Street | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 50                      | -- <sup>2</sup>           |
| Approximately 750 feet downstream of Main Street  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 136                     | -- <sup>2</sup>           |
| Immediately downstream of Southern Avenue   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 155                     | -- <sup>2</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                             | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Eastern Canal (Watershed 1)</b>                       |                              |                          |                         |                         |                           |
| At Freeway   | 12                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 831                     | -- <sup>1</sup>           |
| At Southern Avenue                                       | 10.9                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 168                     | -- <sup>1</sup>           |
| At Main Street   | 8.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 634                     | -- <sup>1</sup>           |
| At Brown Road  | 5.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 355                     | -- <sup>1</sup>           |
| <b>Eastern Pima Wash</b>                                 |                              |                          |                         |                         |                           |
| Approximately 40 feet upstream of Stage Coach Pass       | 0.13                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 323                     | -- <sup>1</sup>           |
| <b>Echo Canyon Wash</b>                                  |                              |                          |                         |                         |                           |
| At Mouth   | 5.1                          | 2,000                    | 4,600                   | 6,600                   | 18,000                    |
| Approximately 200 feet east of 40th Street               | 4.3                          | 1,900                    | 4,200                   | 5,900                   | 14,000                    |
| At McDonald Drive  | 3.5                          | 1,600                    | 3,500                   | 4,900                   | 10,200                    |
| At Tatum Road  | 1.9                          | 1,200                    | 2,550                   | 3,600                   | 8,650                     |
| <b>Emerald Wash</b>                                      |                              |                          |                         |                         |                           |
| At Saguaro Boulevard                                     | 0.61                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 529                     | -- <sup>1</sup>           |
| At Fountain Hills Boulevard                              | 0.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 207                     | -- <sup>1</sup>           |
| <b>Escalante Wash</b>                                    |                              |                          |                         |                         |                           |
| At McDowell Mountain Road                                | 1.59                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,410                   | -- <sup>1</sup>           |
| <b>Evans Wash</b>  |                              |                          |                         |                         |                           |
| Just upstream of confluence for Pioneer Cemetery Wash    | 3.45                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,110                   | -- <sup>1</sup>           |
| Just upstream of Tucson, Cornelia and Gila Bend Railroad | 337.88                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 8,988                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Fan 6A</b>   |                              |                          |                         |                         |                           |
| At confluence with Existing FEMA Alluvial Fan   | 3.53                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,698                   | -- <sup>1</sup>           |
| At confluence with Fan 6A North and Fan 6A South  | 3.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,698                   | -- <sup>1</sup>           |
| <b>Fan 6A North</b>   |                              |                          |                         |                         |                           |
| Approximately 1,300 feet upstream of confluence with north boundary of Legend Trail Subdivision | 1.27                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,527                   | -- <sup>1</sup>           |
| <b>Fan 6A South</b>   |                              |                          |                         |                         |                           |
| Approximately 850 feet upstream of confluence with east boundary of Legend Trail Subdivision    | 1.44                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,493                   | -- <sup>1</sup>           |
| <b>Fan 6C</b>   |                              |                          |                         |                         |                           |
| At confluence with Existing FEMA Alluvial Fan   | 1.68                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,584                   | -- <sup>1</sup>           |
| At confluence with Westland Road  | 1.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,513                   | -- <sup>1</sup>           |
| At confluence with Pima Road  | 1.18                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,369                   | -- <sup>1</sup>           |
| <b>Fan 6C North Branch</b>  |                              |                          |                         |                         |                           |
| At upstream limit of detailed study   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,346                   | -- <sup>1</sup>           |
| <b>Flemming Springs Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Willow Springs Wash   | 0.32                         | 409                      | 547                     | 610                     | 730                       |
| <b>Flying E Wash</b>  |                              |                          |                         |                         |                           |
| Approximately 200 feet downstream of U.S. Highway 60  | 10.73                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,820                   | -- <sup>1</sup>           |
| At Yucca Flat Wash  | 8.54                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,943                   | -- <sup>1</sup>           |
| At Holly Wash   | 2.06                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,152                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Flynn Lane Wash</b>   |                              |                          |                         |                         |                           |
| At Ocotillo Road   | 0.98                         | 700                      | 1,300                   | 1,700                   | 3,300                     |
| At Flynn Lane and Lincoln Drive  | 0.63                         | 400                      | 800                     | 1,100                   | 2,300                     |
| <b>Fountain Channel</b>  |                              |                          |                         |                         |                           |
| Above Colony Wash  | 1.64                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 885                     | -- <sup>1</sup>           |
| Approximately 1,450 feet upstream of El Lago Drive   | 0.26                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 451                     | -- <sup>1</sup>           |
| <b>Galloway Wash</b>   |                              |                          |                         |                         |                           |
| At Spur Cross Road   | 20.6                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,548                  | -- <sup>1</sup>           |
| At School House Road   | 14.7                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,763                  | -- <sup>1</sup>           |
| Approximately 800 feet downstream of Scopa Trail   | 6.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,412                   | -- <sup>1</sup>           |
| Approximately 1,000 feet upstream of Tranquil Trail  | 5.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,439                   | -- <sup>1</sup>           |
| Immediately downstream of confluence of Middle Branch and South Branch (formerly Lower Branch) | 5.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,439                   | -- <sup>1</sup>           |
| <b>Galloway Wash Middle Branch</b>   |                              |                          |                         |                         |                           |
| At confluence with Galloway Wash   | 3.32                         | N/A                      | N/A                     | 2,423                   | N/A                       |
| At Pima Road   | 2.8                          | N/A                      | N/A                     | 1,574                   | N/A                       |
| <b>Galloway Wash Middle Branch Tributary</b>   |                              |                          |                         |                         |                           |
| Approximately 390 feet upstream of confluence with Galloway Wash Middle Branch                 | 0.18                         | N/A                      | N/A                     | 247                     | -- <sup>1</sup>           |
| <b>Galloway Wash North Tributary</b>   |                              |                          |                         |                         |                           |
| At confluence with Galloway Wash Unnamed Tributary   | 6.4                          | 5,516                    | 8,143                   | 9,483                   | 11,868                    |
| At River Mile 1.89 above Minor Tributary   | 4.98                         | 3,751                    | 5,632                   | 6,593                   | 8,303                     |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                            | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Galloway Wash South Branch (Lower Branch)</b>        |                              |                          |                         |                         |                           |
| Upstream of confluence with Galloway Wash Middle Branch | 1.8                          | N/A                      | N/A                     | 1,750                   | N/A                       |
| Approximately 800 feet downstream of Pima Road          | 1.4                          | N/A                      | N/A                     | 1,446                   | N/A                       |
| At Pima Road  | 1                            | N/A                      | N/A                     | 1,155                   | N/A                       |
| <b>Galloway Wash South Branch Split 1</b>               |                              |                          |                         |                         |                           |
| At Galloway Wash South Branch                           | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 175                     | -- <sup>1</sup>           |
| <b>Galloway Wash Split 1</b>                            |                              |                          |                         |                         |                           |
| At Galloway Wash convergence                            | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 216                     | -- <sup>1</sup>           |
| <b>Galloway Wash Split 2</b>                            |                              |                          |                         |                         |                           |
| At Galloway Wash convergence                            | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,107                   | -- <sup>1</sup>           |
| <b>Galloway Wash Tributary 2</b>                        |                              |                          |                         |                         |                           |
| At the confluence with Galloway Wash                    | 0.33                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 579                     | -- <sup>1</sup>           |
| At the confluence with Galloway Wash Tributary 2A       | 0.09                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 180                     | -- <sup>1</sup>           |
| <b>Galloway Wash Tributary 2A</b>                       |                              |                          |                         |                         |                           |
| At the confluence with Galloway Wash Tributary 2        | 0.06                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 146                     | -- <sup>1</sup>           |
| At the confluence with Galloway Wash Tributary 2B       | 0.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 81                      | -- <sup>1</sup>           |
| <b>Galloway Wash Tributary 2B</b>                       |                              |                          |                         |                         |                           |
| At the confluence with Galloway Wash Tributary 2B       | 0.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 69                      | -- <sup>1</sup>           |
| <b>Galloway Wash Unnamed Tributary</b>                  |                              |                          |                         |                         |                           |
| At confluence with Galloway Wash                        | 7.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,722                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Garambullo Wash</b>  |                                 |                                |                               |                               |                                 |
| At confluence with Twin Buttes Wash                           | 0.99                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 651                           | -- <sup>1</sup>                 |
| <b>Gila Bend Canal</b>  |                                 |                                |                               |                               |                                 |
| At Spillway 1   | 7.31                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,454                         | -- <sup>1</sup>                 |
| At Spillway 2   | 3.78                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,187                         | -- <sup>1</sup>                 |
| At Spillway 3   | 50.49                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 11,565                        | -- <sup>1</sup>                 |
| At Spillway 4   | 13.74                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,297                         | -- <sup>1</sup>                 |
| At Spillway 5   | 9.41                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,885                         | -- <sup>1</sup>                 |
| At Spillway 6   | 11.43                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,676                         | -- <sup>1</sup>                 |
| At Spillway 7   | 18.22                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,757                         | -- <sup>1</sup>                 |
| At Spillway 8   | 36.41                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,330                         | -- <sup>1</sup>                 |
| At Spillway 9   | 10.2                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,882                         | -- <sup>1</sup>                 |
| At Spillway 10  | 65.15                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,971                         | -- <sup>1</sup>                 |
| At Spillway 11  | 11.54                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,609                         | -- <sup>1</sup>                 |
| <b>Gila Bend Canal Wash</b>                                   |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Quilotosa Wash at Gila Bend Canal | 339.2                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,400                         | -- <sup>1</sup>                 |
| Side weir/diversion over Gila Bend Canal to Hacker Diversion  | 339.2                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,910                         | -- <sup>1</sup>                 |
| Diversion/split from Hacker Wash at Gila Bend Canal           | 339.2                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,400                         | -- <sup>1</sup>                 |
| <b>Gila River</b>   |                                 |                                |                               |                               |                                 |
| At Gila Bend Indian Reservation                               | -- <sup>2</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 230,000                       | -- <sup>1</sup>                 |
| At Gillespie Dam  | -- <sup>2</sup>                 | 78,000                         | 186,000                       | 235,000                       | 335,000                         |
| Downstream of confluence with Hassayampa River                | -- <sup>2</sup>                 | 82,000                         | 190,000                       | 240,000                       | 340,000                         |
| Downstream of confluence with Waterman Wash                   | -- <sup>2</sup>                 | 46,000                         | 160,000                       | 210,000                       | 270,000                         |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Gila River (continued)</b>               |                              |                          |                         |                         |                           |
| Downstream of confluence with Salt River    | -- <sup>2</sup>              | 57,000                   | 185,000                 | 227,000                 | 285,000                   |
| <b>Granite Falls Wash</b>                   |                              |                          |                         |                         |                           |
| Upstream of confluence with Skyline Wash    | 0.65                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,138                   | -- <sup>1</sup>           |
| <b>Granite Reef Wash</b>                    |                              |                          |                         |                         |                           |
| Van Buren Street                            | 7.5                          | 720                      | 1,158                   | 1,417                   | 3,150                     |
| McDowell Road                               | 7.2                          | 580                      | 950                     | 1,240                   | 2,660                     |
| Pima Road                                   | 6.2                          | 74                       | 278                     | 644                     | 1,431                     |
| <b>Grapevine Wash</b>                       |                              |                          |                         |                         |                           |
| Upstream of confluence with Rowe Wash       | 3.8                          | 2,865                    | 4,266                   | 5,004                   | 6,316                     |
| <b>Grass Wash</b>                           |                              |                          |                         |                         |                           |
| At U.S. Highways 60/70                      | 70.6                         | 3,340                    | 8,660                   | 11,100                  | -- <sup>1</sup>           |
| At NW corner of Section 25, T7N, R9W        | 39.9                         | 2,430                    | 5,950                   | 7,500                   | -- <sup>1</sup>           |
| At SE corner of Section 25, T7N, R9W        | 23.9                         | 1,720                    | 3,900                   | 4,870                   | -- <sup>1</sup>           |
| <b>Greystone Wash</b>                       |                              |                          |                         |                         |                           |
| At Sycamore Drive                           | 0.38                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 396                     | -- <sup>1</sup>           |
| <b>Hacker Wash</b>                          |                              |                          |                         |                         |                           |
| Just upstream of Gila Bend Canal            | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 8,960                   | -- <sup>1</sup>           |
| Just upstream of confluence with Evans Wash | 2.33                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,348                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Hacker Wash Diversion</b>   |                              |                          |                         |                         |                           |
| Just upstream of Pima Road (It derives its peak 1%-annual-chance discharge from flow diverted from Hacker Wash above Interstate 8) | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,571                   | -- <sup>1</sup>           |
| <b>Happy Valley Wash</b>   |                              |                          |                         |                         |                           |
| At the Agua Fria River confluence  | 3.71                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,340                   | -- <sup>1</sup>           |
| <b>Hartman Wash</b>  |                              |                          |                         |                         |                           |
| At Sols Wash   | 7.24                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,802                   | -- <sup>1</sup>           |
| At U.S. Highway 60   | 5.41                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,641                   | -- <sup>1</sup>           |
| <b>Hartman Wash Unnamed Tributary</b>  |                              |                          |                         |                         |                           |
| At the Hartman Wash confluence   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,559                   | -- <sup>2</sup>           |
| <b>Hassayampa River</b>  |                              |                          |                         |                         |                           |
| At confluence with the Gila River  | 1,504                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 72,966                  | -- <sup>1</sup>           |
| At Stream Gage Station 95170 (Arlington, Old U.S. Highway 80)  | 1,470                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 73,500                  | -- <sup>1</sup>           |
| At Interstate 10   | 1,450                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 75,164                  | -- <sup>1</sup>           |
| At confluence with Jackrabbit Wash   | 1,362                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 76,120                  | -- <sup>1</sup>           |
| Just upstream of confluence with Jackrabbit Wash   | 1,010                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 55,980                  | -- <sup>1</sup>           |
| At Granite Reef Aqueduct   | 930                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 57,854                  | -- <sup>1</sup>           |
| At Stream Gage Station 95165 (Morristown)  | 774                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 61,600                  | -- <sup>1</sup>           |
| At Town of Wickenburg  | 711                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 71,000                  | -- <sup>1</sup>           |
| <b>Hassayampa River Tributary 1E</b>   |                              |                          |                         |                         |                           |
| At upstream limit of detailed study  | 1.22                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 713                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Hassayampa River Tributary 1E (continued)</b>                              |                              |                          |                         |                         |                           |
| At confluence of Tributary 1E1  | 3.53                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,840                   | -- <sup>1</sup>           |
| <b>Hassayampa River Tributary 1E1</b>   |                              |                          |                         |                         |                           |
| At upstream limit of detailed study   | 1.47                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 772                     | -- <sup>1</sup>           |
| <b>Hassayampa River Tributary 3E</b>  |                              |                          |                         |                         |                           |
| At upstream limit of detailed study   | 0.95                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 758                     | -- <sup>1</sup>           |
| <b>Hassayampa River Tributary 4E</b>  |                              |                          |                         |                         |                           |
| At upstream limit of detailed study   | 0.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 500                     | -- <sup>1</sup>           |
| Approximately 6,900 feet downstream of the limit of detailed study            | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 929                     | -- <sup>1</sup>           |
| Just downstream of the divergence of Hassayampa River Tributary 4E West Fork  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 299                     | -- <sup>1</sup>           |
| Just downstream of the convergence of Hassayampa River Tributary 4E West Fork | 1.93                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,351                   | -- <sup>1</sup>           |
| <b>Hassayampa River Tributary 4E Tributary</b>                                |                              |                          |                         |                         |                           |
| At upstream limit of detailed study for Tributary 4E Tributary                | 0.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 422                     | -- <sup>1</sup>           |
| <b>Hassayampa River Tributary 4E West Fork</b>                                |                              |                          |                         |                         |                           |
| Just downstream of the divergence from Hassayampa River Tributary 4E          | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 630                     | -- <sup>1</sup>           |
| Just downstream of the convergence of Hassayampa River Tributary 4E Tributary | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,052                   | -- <sup>1</sup>           |
| <b>Hesperus Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Boulder Drive   | 3.14                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 490                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Hesperus Wash (continued)</b>  |                                 |                                |                               |                               |                                 |
| Downstream of Dam 36  | 2.91                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 330                           | -- <sup>1</sup>                 |
| Upstream of Dam 36  | 2.91                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,590                         | -- <sup>1</sup>                 |
| <b>Highline Lateral</b>   |                                 |                                |                               |                               |                                 |
| North watershed west of Priest Drive  | 0.092                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 94                            | -- <sup>1</sup>                 |
| NE watershed at west Baseline Road  | 0.111                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 106                           | -- <sup>1</sup>                 |
| Central watershed at Guadalupe Road   | 0.325                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 219                           | -- <sup>1</sup>                 |
| <b>Holly Wash</b>   |                                 |                                |                               |                               |                                 |
| At Flying E Wash  | 1.25                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,361                         | -- <sup>1</sup>                 |
| <b>Hospital Wash</b>  |                                 |                                |                               |                               |                                 |
| At confluence with Sols Wash  | 0.4                             | 170                            | 250                           | 500                           | 845                             |
| <b>I-8 Wash East</b>  |                                 |                                |                               |                               |                                 |
| Just downstream of confluence with Pioneer Cemetery Wash (I-8 Wash East derives its peak 1%-annual-chance discharge from flow diverted from Scott Avenue Wash above Interstate 8) | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 9,291                         | -- <sup>1</sup>                 |
| <b>I-8 Wash West</b>  |                                 |                                |                               |                               |                                 |
| Upstream of confluence with West Quilotosa Wash at I-8  | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 40                            | -- <sup>1</sup>                 |
| Side weir/diversion over Southern Pacific Railroad and I-8 to confluence with Quilotosa Wash at Indian Road   | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,870                         | -- <sup>1</sup>                 |
| Diversion from Saucedo Wash at Southern Pacific Railroad  | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,860                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Indian Bend Wash</b>  |                              |                          |                         |                         |                           |
| Downstream limit of McKellips Lake, just upstream of McKellips Road bridge     | 107                          | 4,000                    | 14,000                  | 20,000                  | 42,000                    |
| Indian School Road   | 100                          | 4,000                    | 14,000                  | 20,000                  | 43,000                    |
| Indian Bend Road   | 59.6                         | 3,500                    | 12,000                  | 17,000                  | 39,000                    |
| Scottsdale Road  | 44.26                        | 3,400                    | 11,000                  | 16,000                  | 35,000                    |
| At Cactus Road   | 15.07                        | 1,500                    | 5,600                   | 9,000                   | 21,000                    |
| At 36th Street   | 9.17                         | 2,000                    | 3,500                   | 6,000                   | 15,500                    |
| At 32nd Street   | 2.77                         | 1,000                    | 1,400                   | 2,400                   | 5,500                     |
| <b>Indian Bend Wash Low Flow Channel</b>                                       |                              |                          |                         |                         |                           |
| Approximately 950 feet downstream of Camelback Road                            | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,695                   | -- <sup>2</sup>           |
| Approximately 550 feet upstream of Camelback Road                              | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,695                   | -- <sup>2</sup>           |
| Approximately 600 feet downstream of Chaparral Road                            | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,695                   | -- <sup>2</sup>           |
| Approximately 1,900 feet upstream of Chaparral Road                            | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,695                   | -- <sup>2</sup>           |
| <b>Interstate 10 Wash</b>  |                              |                          |                         |                         |                           |
| Approximately 0.50 miles upstream of the confluence with Jackrabbit Trail Wash | 14.36                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,030                   | -- <sup>1</sup>           |
| <b>Iona Stock Tank Wash</b>  |                              |                          |                         |                         |                           |
| Approximately 4,000 feet upstream of Lone Mountain Road                        | 23.8                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,610                   | -- <sup>1</sup>           |
| <b>Iona Wash</b>   |                              |                          |                         |                         |                           |
| Just north of Patton Road  | 25.2                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,020                   | -- <sup>1</sup>           |
| Just south of Peak View Road   | 23.3                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,610                   | -- <sup>1</sup>           |
| At 243rd Avenue  | 17.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,650                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                      | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Iona Wash (continued)</b>                                      |                                 |                                |                               |                               |                                 |
| Just north of the Central Arizona Project Canal                   | 11.4                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,010                         | -- <sup>1</sup>                 |
| Approximately 1,310 feet south of Jomax Road                      | 10.1                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,960                         | -- <sup>1</sup>                 |
| Just south of Patton Road   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,780                         | -- <sup>1</sup>                 |
| <b>Iona Wash East</b>   |                                 |                                |                               |                               |                                 |
| 600 feet west of Rose Garden Lane                                 | 23.2                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,540                         | -- <sup>1</sup>                 |
| 1,550 feet south of Pinnacle Peak Road                            | 22.7                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,460                         | -- <sup>1</sup>                 |
| 2,040 feet north of Pinnacle Peak Road                            | 22.1                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,380                         | -- <sup>1</sup>                 |
| 2,520 feet north of Pinnacle Peak Road                            | 29.5                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,170                         | -- <sup>1</sup>                 |
| <b>Iona Wash East Split 1</b>                                     |                                 |                                |                               |                               |                                 |
| Approximately 20 feet north of Peak View Road                     | 3.7                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,020                         | -- <sup>1</sup>                 |
| Approximately 1,450 feet north of Peak View Road                  | 3.2                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,730                         | -- <sup>1</sup>                 |
| Approximately 1,830 feet east of 235 <sup>th</sup> Avenue         | 2.7                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,410                         | -- <sup>1</sup>                 |
| Just south of Lone Mountain Road                                  | 1.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,000                         | -- <sup>1</sup>                 |
| Approximately 1,550 feet east of 243 <sup>rd</sup> Avenue         | 0.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 440                           | -- <sup>1</sup>                 |
| At Dove Valley Road   | 0.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 290                           | -- <sup>1</sup>                 |
| At 243 <sup>rd</sup> Avenue                                       | 0.4                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 190                           | -- <sup>1</sup>                 |
| Approximately 1,130 feet west of 243 <sup>rd</sup> Avenue         | 1.72                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,002                         | -- <sup>1</sup>                 |
| <b>Iona Wash East Split 2</b>                                     |                                 |                                |                               |                               |                                 |
| At the Central Arizona Project Canal                              | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,020                         | -- <sup>1</sup>                 |
| Approximately 750 feet north of the Central Arizona Project Canal | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,090                         | -- <sup>1</sup>                 |
| <b>Iona Wash North</b>  |                                 |                                |                               |                               |                                 |
| Approximately 930 feet north of Black Mountain Road               | 8.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,580                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                    | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Iona Wash North (continued)</b>                              |                                 |                                |                               |                               |                                 |
| Approximately 2,370 feet south of U.S. Route 60                 | 7.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,540                         | -- <sup>1</sup>                 |
| Just north of the BNSF Railroad                                 | 7.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,460                         | -- <sup>1</sup>                 |
| Approximately 2,650 feet south of State Route 74                | 6.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,210                         | -- <sup>1</sup>                 |
| Approximately 500 feet south of State Route 74                  | 6.5                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,100                         | -- <sup>1</sup>                 |
| At Carefree Road  | 3.1                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,330                         | -- <sup>1</sup>                 |
| <b>Iona Wash North West Split</b>                               |                                 |                                |                               |                               |                                 |
| Just downstream of the divergence with Iona Wash                | -- <sup>2</sup>                 | -- <sup>2</sup>                | -- <sup>2</sup>               | 1,520                         | -- <sup>2</sup>                 |
| <b>Iona Wash Tributary (Zone A)</b>                             |                                 |                                |                               |                               |                                 |
| Approximately 3,350 feet north of Lone Mountain Road            | 8.8                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,500                         | -- <sup>1</sup>                 |
| <b>Iona Wash West</b>   |                                 |                                |                               |                               |                                 |
| 1,160 feet west of Rose Garden Lane                             | 8.8                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,100                         | -- <sup>1</sup>                 |
| 660 feet north of 223 <sup>rd</sup> Avenue                      | 7.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,830                         | -- <sup>1</sup>                 |
| 2,040 feet north of Pinnacle Peak Road                          | 7.4                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,790                         | -- <sup>1</sup>                 |
| 2,600 feet north of Pinnacle Peak Road                          | 29.5                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,710                         | -- <sup>1</sup>                 |
| <b>Iona Wash (Zone AO)</b>                                      |                                 |                                |                               |                               |                                 |
| At Carefree Road  | 0.5                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 300                           | -- <sup>1</sup>                 |
| Approximately 1,450 feet south of Black Mountain Road           | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 730                           | -- <sup>1</sup>                 |
| <b>Jacklin Wash</b>   |                                 |                                |                               |                               |                                 |
| At Indian Wells Drive (includes split flow from Kingstree Wash) | 0.66                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 969                           | -- <sup>1</sup>                 |
| Upstream of Mangrum Wash  | 0.41                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 352                           | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Jackrabbit Trail Wash</b>  |                              |                          |                         |                         |                           |
| At Thomas Road  | 2.07                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,105                   | -- <sup>1</sup>           |
| At Indian School Road   | 1.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 726                     | -- <sup>1</sup>           |
| At Camelback Road   | 0.43                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 221                     | -- <sup>1</sup>           |
| At Medlock Drive  | 0.22                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 187                     | -- <sup>1</sup>           |
| <b>Jackrabbit Wash</b>  |                              |                          |                         |                         |                           |
| Approximately 1.420 miles upstream of the Hassayampa River Confluence   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 32,500                  | -- <sup>1</sup>           |
| Approximately 3.406 miles upstream of the Hassayampa River Confluence   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,100                  | -- <sup>1</sup>           |
| Approximately 3.5 miles downstream of the Central Arizona Project Canal | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,400                  | -- <sup>1</sup>           |
| Approximately 1.5 miles downstream of the Central Arizona Project Canal | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,600                  | -- <sup>1</sup>           |
| Approximately 1,000 feet upstream of the Central Arizona Project Canal  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,200                  | -- <sup>1</sup>           |
| Upstream of Star Wash   | 152.4                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 19,300                  | -- <sup>1</sup>           |
| Downstream of Unnamed Tributary   | 148.7                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 19,800                  | -- <sup>1</sup>           |
| Upstream of Unnamed Tributary   | 140.3                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 19,700                  | -- <sup>1</sup>           |
| At Wickenburg Road  | 140.3                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 20,000                  | -- <sup>1</sup>           |
| At Vulture Mine Road  | 138.1                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 21,100                  | -- <sup>1</sup>           |
| <b>Jackrabbit Wash Unnamed Tributary</b>                                |                              |                          |                         |                         |                           |
| At Mouth  | 8.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,900                   | -- <sup>1</sup>           |
| At Wickenburg Road  | 8.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,000                   | -- <sup>1</sup>           |
| At Vulture Mine Road  | 3.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,000                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Jenny Lin Wash</b>  |                              |                          |                         |                         |                           |
| 2,100 feet upstream of confluence with New River                                       | 1.15                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,649                   | -- <sup>1</sup>           |
| 3,200 feet upstream of confluence with New River                                       | 0.85                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,214                   | -- <sup>1</sup>           |
| <b>Kingstree Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Jacklin Wash (discharge is after subtracting split flow from Jacklin Wash) | 0.22                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 160                     | -- <sup>1</sup>           |
| Upstream of Kingstree Boulevard  | 0.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 357                     | -- <sup>1</sup>           |
| Upstream of Inca Avenue  | 0.13                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 279                     | -- <sup>1</sup>           |
| <b>Laser Drain</b>   |                              |                          |                         |                         |                           |
| Upstream of Cereus Wash  | 0.21                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 470                     | -- <sup>1</sup>           |
| Upstream of Saguaro Boulevard  | 0.18                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 410                     | -- <sup>1</sup>           |
| <b>Legend Wash</b>   |                              |                          |                         |                         |                           |
| Upstream of Ashbrook Wash  | 0.63                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,120                   | -- <sup>1</sup>           |
| At Fountain Hills Boulevard  | 0.52                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 940                     | -- <sup>1</sup>           |
| <b>Little San Domingo Wash</b>   |                              |                          |                         |                         |                           |
| At Hassayampa River  | 8.78                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,403                   | -- <sup>1</sup>           |
| Upstream of Highway 74   | 6.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,220                   | -- <sup>1</sup>           |
| Approximately 23,070 feet upstream of Hassayampa River                                 | 4.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,850                   | -- <sup>1</sup>           |
| <b>Local Urban Runoff (City of Tempe)</b>  |                              |                          |                         |                         |                           |
| At Ken McDonald Golf Course  | 2.29                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 205                     | -- <sup>1</sup>           |
| <b>Logan Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Cereus Wash  | 0.19                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 435                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                             | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Logan Wash (continued)</b>                            |                              |                          |                         |                         |                           |
| Upstream of Saguaro Boulevard                            | 0.12                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 296                     | -- <sup>1</sup>           |
| <b>Lower El Mirage Wash</b>                              |                              |                          |                         |                         |                           |
| At the confluence with Agua Fria River                   | 26.68                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,753                   | -- <sup>1</sup>           |
| At the confluence with Lower El Mirage Wash Tributary    | 26.25                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,771                   | -- <sup>1</sup>           |
| At Dysart Road   | 24.19                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 845                     | -- <sup>1</sup>           |
| <b>Lower El Mirage Wash Tributary</b>                    |                              |                          |                         |                         |                           |
| Upstream of the confluence with Lower El Mirage Wash     | 7.88                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,170                   | -- <sup>1</sup>           |
| At the intersection of Greenway Road and Dysart Road     | 6.35                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 856                     | -- <sup>1</sup>           |
| At the intersection of Greenway Road and Litchfield Road | 5.44                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 545                     | -- <sup>1</sup>           |
| <b>Luke Wash</b>   |                              |                          |                         |                         |                           |
| At Arlington Canal Road                                  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,633                   | -- <sup>1</sup>           |
| At Old U.S. Highway 80                                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,814                   | -- <sup>1</sup>           |
| Upstream limit of detailed study                         | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,757                   | -- <sup>1</sup>           |
| <b>Luke Wash East Main Tributary</b>                     |                              |                          |                         |                         |                           |
| At confluence with Luke Wash                             | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,749                   | -- <sup>1</sup>           |
| <b>Luke Wash East Sub Tributary</b>                      |                              |                          |                         |                         |                           |
| At confluence with Luke Wash                             | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 871                     | -- <sup>1</sup>           |
| <b>Luke Wash Minor Tributary</b>                         |                              |                          |                         |                         |                           |
| At confluence with Luke Wash                             | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 590                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Malta Drain</b>   |                              |                          |                         |                         |                           |
| Upstream of Emerald Wash   | 0.24                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 466                     | -- <sup>1</sup>           |
| Upstream of Rand Drive   | 0.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 366                     | -- <sup>1</sup>           |
| <b>Mangrum Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Jacklin Wash   | 0.12                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 562                     | -- <sup>1</sup>           |
| <b>Martinez Wash</b>   |                              |                          |                         |                         |                           |
| At mouth   | 103                          | 9,220                    | 27,400                  | 32,000                  | 45,000                    |
| <b>McCormick Ranch Lakes East Branch</b>   |                              |                          |                         |                         |                           |
| Downstream of McCormick Parkway  | 12.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,280                   | -- <sup>1</sup>           |
| <b>McCormick Ranch Lakes West Branch</b>   |                              |                          |                         |                         |                           |
| Upstream of the confluence with McCormick Ranch Lakes East Branch                                | 5.49                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,650                   | -- <sup>1</sup>           |
| <b>McMicken Dam Outlet Channel</b>   |                              |                          |                         |                         |                           |
| Confluence with McMicken Dam Outlet Wash   | 304.92                       | 2,613                    | 4,279                   | 5,087                   | -- <sup>1</sup>           |
| <b>McMicken Dam Outlet Wash</b>  |                              |                          |                         |                         |                           |
| At confluence with Aqua Fria River (discharges due to storage behind McMicken Dam and CAP Canal) | 322.99                       | 2,917                    | 5,085                   | 6,522                   | -- <sup>1</sup>           |
| Approximately 4,200 feet south of Deer Valley Drive  | 320.56                       | 2,876                    | 4,916                   | 6,273                   | -- <sup>1</sup>           |
| Approximately 1,700 feet north of Deer Valley Drive  | 318.13                       | 2,835                    | 4,747                   | 6,023                   | -- <sup>1</sup>           |
| <b>Mesquite Tank Wash</b>  |                              |                          |                         |                         |                           |
| At Cave Butte Recreation Area  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,000                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Mockingbird Wash</b>   |                              |                          |                         |                         |                           |
| Just downstream of Wash E2  | 6.83                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,459                   | -- <sup>1</sup>           |
| Approximately 10,450 feet upstream of U.S. Highway 60/89                          | 4.41                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,167                   | -- <sup>1</sup>           |
| <b>Monarch Wash</b>   |                              |                          |                         |                         |                           |
| Approximately 2,500 feet upstream of Hassayampa River                             | 10.73                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,832                   | -- <sup>1</sup>           |
| Approximately 20,000 feet upstream of U.S. Highway 60/89                          | 2.31                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,590                   | -- <sup>1</sup>           |
| <b>Moon Valley Wash</b>   |                              |                          |                         |                         |                           |
| At Cave Creek confluence  | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,810                   | -- <sup>1</sup>           |
| <b>Moon Valley Wash Diversion Channel</b>   |                              |                          |                         |                         |                           |
| At Moon Valley Wash North Branch convergence                                      | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 243                     | -- <sup>1</sup>           |
| Approximately 600 feet upstream of Medinan Road                                   | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 189                     | -- <sup>1</sup>           |
| Approximately 400 feet downstream of the Moon Valley Wash South Branch divergence | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 113                     | -- <sup>1</sup>           |
| <b>Moon Valley Wash North Branch</b>  |                              |                          |                         |                         |                           |
| Upstream of Thunderbird Road  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,810                   | -- <sup>1</sup>           |
| Upstream of the confluence with Moon Valley Wash-South Branch                     | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,530                   | -- <sup>1</sup>           |
| Approximately 700 feet downstream of 3rd Avenue                                   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,000                   | -- <sup>1</sup>           |
| At the intersection of 7th and Hearn Avenue                                       | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 970                     | -- <sup>1</sup>           |
| <b>Moon Valley Wash North Split</b>   |                              |                          |                         |                         |                           |
| Just upstream of Moon Valley Wash North Branch confluence                         | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 976                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Moon Valley Wash North Split (continued)</b>                                  |                              |                          |                         |                         |                           |
| Approximately 1,000 feet upstream of Moon Valley Wash North Branch confluence    | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 798                     | -- <sup>1</sup>           |
| Approximately 1,600 feet upstream of Moon Valley Wash North Branch confluence    | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 517                     | -- <sup>1</sup>           |
| Approximately 2,000 feet upstream of Moon Valley Wash North Branch confluence    | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 100                     | -- <sup>1</sup>           |
| <b>Moon Valley Wash South Branch</b>   |                              |                          |                         |                         |                           |
| At the Moon Valley Wash North Branch confluence                                  | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 695                     | -- <sup>1</sup>           |
| Just downstream of Canterbury Drive  | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 460                     | -- <sup>1</sup>           |
| At the Moon Valley Wash Diversion Channel divergence                             | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 399                     | -- <sup>1</sup>           |
| Just upstream of 7th Street  | N/A                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 114                     | -- <sup>1</sup>           |
| <b>Morgan City Wash</b>  |                              |                          |                         |                         |                           |
| At confluence with Agua Fria River   | 22.97                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 14,400                  | -- <sup>1</sup>           |
| At confluence with Tributary M-12  | 21.16                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 14,200                  | -- <sup>1</sup>           |
| At confluence with Tributary M-10  | 18.9                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,900                  | -- <sup>1</sup>           |
| At confluence with Tributary M-8   | 15.64                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 12,300                  | -- <sup>1</sup>           |
| At confluence with Tributary M-7   | 13.25                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 12,000                  | -- <sup>1</sup>           |
| At confluence with Tributary M-4   | 8.12                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 8,130                   | -- <sup>1</sup>           |
| At confluence with Tributary M-3   | 5.45                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,820                   | -- <sup>1</sup>           |
| <b>Mountain Wash</b>   |                              |                          |                         |                         |                           |
| Upstream of confluence with Skyline Wash   | 0.78                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,328                   | -- <sup>1</sup>           |
| At a point approximately 2,570 feet upstream of the confluence with Skyline Wash | 0.53                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,022                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                           | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Myrtle Avenue Wash</b>                              |                              |                          |                         |                         |                           |
| At Mouth   | 0.87                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 665                     | -- <sup>1</sup>           |
| Upstream of Myrtle Avenue                              | -- <sup>1</sup>              | 600                      | 1,000                   | 1,300                   | 2,800                     |
| <b>New River</b>                                       |                              |                          |                         |                         |                           |
| Downstream of confluence with Skunk Creek              | 2                            | 13,500                   | 31,000                  | 41,000                  | 75,000                    |
| Upstream of confluence with Skunk Creek                | 17.3                         | 2,700                    | 8,000                   | 12,000                  | -- <sup>1</sup>           |
| Upstream of Beardsley Road                             | 10.3                         | 2,400                    | 6,500                   | 9,800                   | -- <sup>1</sup>           |
| At Outflow of New River Dam                            | 2                            | 1,700                    | 2,200                   | 2,350                   | -- <sup>1</sup>           |
| Upstream of New River Dam                              | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 49,300                  | -- <sup>1</sup>           |
| At Carefree Highway                                    | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 35,800                  | -- <sup>1</sup>           |
| Upstream of confluence with Sweat Canyon Wash          | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,000                  | -- <sup>1</sup>           |
| At Interstate 17                                       | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,400                  | -- <sup>1</sup>           |
| At New River Road                                      | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 32,000                  | -- <sup>1</sup>           |
| Near Rock Springs                                      | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 34,500                  | -- <sup>1</sup>           |
| <b>New River East Split</b>                            |                              |                          |                         |                         |                           |
| Just upstream of the confluence with New River         | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 8,000                   | -- <sup>2</sup>           |
| <b>New River Middle Split</b>                          |                              |                          |                         |                         |                           |
| Just upstream of the confluence with New River         | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 3,500                   | -- <sup>2</sup>           |
| <b>New River West Split</b>                            |                              |                          |                         |                         |                           |
| Just upstream of the confluence with Sweat Canyon Wash | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 9,700                   | -- <sup>2</sup>           |
| <b>New River West Tributary 5</b>                      |                              |                          |                         |                         |                           |
| At the confluence with New River                       | 0.86                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 118                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                    | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>New River West Tributary 5 (continued)</b>                   |                              |                          |                         |                         |                           |
| At the Central Arizona Project Canal                            | 0.81                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 692                     | -- <sup>1</sup>           |
| At Lake Pleasant Road   | 0.48                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 483                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                         | 0.04                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 154                     | -- <sup>1</sup>           |
| <b>New River West Tributary 10</b>                              |                              |                          |                         |                         |                           |
| At the confluence with New River                                | 0.56                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 577                     | -- <sup>1</sup>           |
| At Lake Pleasant Road   | 0.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 258                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                         | 0.02                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 258                     | -- <sup>1</sup>           |
| <b>New River West Tributary 15</b>                              |                              |                          |                         |                         |                           |
| At the confluence with New River                                | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 419                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                         | 0.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 81                      | -- <sup>1</sup>           |
| <b>New River West Tributary 20</b>                              |                              |                          |                         |                         |                           |
| At the confluence with New River                                | 2.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,059                   | -- <sup>1</sup>           |
| At State Route 74   | 1.91                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,046                   | -- <sup>1</sup>           |
| At the confluence with New River West Tributary 20 Tributary 10 | 0.88                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 659                     | -- <sup>1</sup>           |
| At New River Road   | 0.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 549                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                         | 0.44                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 549                     | -- <sup>1</sup>           |
| <b>New River West Tributary 20 Tributary 5</b>                  |                              |                          |                         |                         |                           |
| At the confluence with New River West Tributary 20 Tributary 10 | 0.44                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 559                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                         | 0.44                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 559                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>New River West Tributary 20 Tributary 10</b>                |                              |                          |                         |                         |                           |
| At the confluence with New River West Tributary 20             | 0.79                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 949                     | -- <sup>1</sup>           |
| At the confluence with New River West Tributary 20 Tributary 5 | 0.34                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 435                     | -- <sup>1</sup>           |
| At New River Road  | 0.32                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 435                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                        | 0.21                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 435                     | -- <sup>1</sup>           |
| <b>New River West Tributary 25</b>                             |                              |                          |                         |                         |                           |
| At the confluence with New River                               | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 486                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                        | 0.07                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 201                     | -- <sup>1</sup>           |
| <b>New River West Tributary 30</b>                             |                              |                          |                         |                         |                           |
| At the confluence with New River                               | 0.72                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 503                     | -- <sup>1</sup>           |
| Approximately 150 feet downstream of New River Road            | 0.25                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 283                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                        | 0.19                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 273                     | -- <sup>1</sup>           |
| <b>New River West Tributary 35</b>                             |                              |                          |                         |                         |                           |
| At the confluence with New River                               | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 249                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                        | 0.07                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 249                     | -- <sup>1</sup>           |
| <b>New River West Tributary 40</b>                             |                              |                          |                         |                         |                           |
| At the confluence with New River                               | 0.35                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 482                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                        | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 482                     | -- <sup>1</sup>           |
| <b>New River West Tributary 45</b>                             |                              |                          |                         |                         |                           |
| At the confluence with New River                               | 0.55                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 383                     | -- <sup>1</sup>           |
| At Unnamed Road Crossing                                       | 0.39                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 577                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                        | 0.28                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 577                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>New River West Tributary 50</b>                                      |                                 |                                |                               |                               |                                 |
| At the confluence with New River  | 0.82                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 719                           | -- <sup>1</sup>                 |
| Just below the confluence with New River West Tributary 50 Tributary 5  | 0.64                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 553                           | -- <sup>1</sup>                 |
| At New River Road   | 0.35                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 583                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study                                 | 0.23                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 453                           | -- <sup>1</sup>                 |
| <b>New River West Tributary 50 Tributary 5</b>                          |                                 |                                |                               |                               |                                 |
| At the confluence with New River Tributary 50                           | 0.64                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 322                           | -- <sup>1</sup>                 |
| At New River Road   | 0.59                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 282                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study                                 | 0.5                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 252                           | -- <sup>1</sup>                 |
| <b>New River West Tributary 55</b>                                      |                                 |                                |                               |                               |                                 |
| At the confluence with New River  | 6.75                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,775                         | -- <sup>1</sup>                 |
| At New River Road   | 6.67                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,869                         | -- <sup>1</sup>                 |
| Just below the confluence with New River West Tributary 55 Tributary 15 | 3.69                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,670                         | -- <sup>1</sup>                 |
| Just below the confluence with New River West Tributary 55 Tributary 20 | 2.24                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,272                         | -- <sup>1</sup>                 |
| Just below the confluence with New River West Tributary 55 Tributary 25 | 1.29                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,587                         | -- <sup>1</sup>                 |
| At the upstream limit of detailed study                                 | 0.62                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,454                         | -- <sup>1</sup>                 |
| <b>New River West Tributary 55 Tributary 5</b>                          |                                 |                                |                               |                               |                                 |
| Just below the confluence with New River West Tributary 55 Tributary 10 | 1.04                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 235                           | -- <sup>1</sup>                 |
| At the upstream limit of detailed study                                 | 0.08                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 219                           | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>New River West Tributary 55 Tributary 10</b>                        |                              |                          |                         |                         |                           |
| Just above the confluence with New River West Tributary 55             | 6.37                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,915                   | -- <sup>1</sup>           |
| Just above the confluence with New River West Tributary 55 Tributary 5 | 1.04                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,393                   | -- <sup>1</sup>           |
| At the upstream limit of detailed study                                | 0.43                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,395                   | -- <sup>1</sup>           |
| <b>New River West Tributary 55 Tributary 15</b>                        |                              |                          |                         |                         |                           |
| At the confluence with New River West Tributary 55                     | 3.69                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,755                   | -- <sup>1</sup>           |
| At the upstream limit of detailed study                                | 0.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,488                   | -- <sup>1</sup>           |
| <b>New River West Tributary 55 Tributary 20</b>                        |                              |                          |                         |                         |                           |
| At the confluence with New River West Tributary 55                     | 2.24                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 905                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                                | 0.32                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 713                     | -- <sup>1</sup>           |
| <b>New River West Tributary 55 Tributary 30</b>                        |                              |                          |                         |                         |                           |
| At the confluence with New River West Tributary 55                     | 0.51                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 592                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                                | 0.29                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 592                     | -- <sup>1</sup>           |
| <b>North Colony Wash</b>   |                              |                          |                         |                         |                           |
| Upstream of Colony Wash  | 0.37                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 295                     | -- <sup>1</sup>           |
| At Fountain Hills Boulevard  | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 246                     | -- <sup>1</sup>           |
| At Mimosa Drive  | 0.13                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 174                     | -- <sup>1</sup>           |
| <b>North Inlet Canal</b>   |                              |                          |                         |                         |                           |
| Upstream of Olive Avenue   | 4.86                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 296                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                       | DRAINAGE AREA (Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|---------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                           | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Northeast Side of Southern Pacific Railroad</b>                 |                           |                          |                         |                         |                           |
| From Maricopa/Pinal County Line to south bank of Queen Creek       | 23.86                     | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,208                   | -- <sup>1</sup>           |
| From north bank of Queen Creek to Ocotillo Road                    | 3.44                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 393                     | -- <sup>1</sup>           |
| From Ocotillo Road to Queen Creek Road                             | 10.05                     | -- <sup>1</sup>          | -- <sup>1</sup>         | 828                     | -- <sup>1</sup>           |
| From Queen Creek Road to south of Germann Road                     | -- <sup>1</sup>           | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,172                   | -- <sup>1</sup>           |
| From south of Germann Road to Germann Road                         | -- <sup>1</sup>           | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,358                   | -- <sup>1</sup>           |
| From Germann Road to confluence of East Maricopa Floodway          | -- <sup>1</sup>           | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,085                   | -- <sup>1</sup>           |
| <b>Ocotillo Wash</b>   |                           |                          |                         |                         |                           |
| Upstream of confluence with Cave Creek                             | -- <sup>2</sup>           | 3,200                    | 4,820                   | 5,420                   | 7,200                     |
| Near intersection of Rockaway Hills Drive and Fleming Springs Road | -- <sup>2</sup>           | 2,800                    | 4,140                   | 4,630                   | 6,200                     |
| <b>Ocotillo Wash Split 1</b>                                       |                           |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                          | -- <sup>2</sup>           | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,915                   | -- <sup>2</sup>           |
| Just downstream of confluence with Ocotillo Wash Tributary 1       | -- <sup>2</sup>           | -- <sup>2</sup>          | -- <sup>2</sup>         | 2,005                   | -- <sup>2</sup>           |
| Approximately 400 feet downstream of Continental Mountain Drive    | -- <sup>2</sup>           | -- <sup>2</sup>          | -- <sup>2</sup>         | 487                     | -- <sup>2</sup>           |
| <b>Ocotillo Wash Tributary 1</b>                                   |                           |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                          | 0.76                      | 802                      | 1,201                   | 1,397                   | 1,743                     |
| Upstream of confluence with Ocotillo Wash Tributary 1A             | 0.15                      | 126                      | 190                     | 223                     | 283                       |
| <b>Ocotillo Wash Tributary 1A</b>                                  |                           |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash Tributary 1              | 0.61                      | 693                      | 1,030                   | 1,206                   | 1,517                     |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                              | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Ocotillo Wash Tributary 2</b>                          |                              |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                 | 0.19                         | 145                      | 222                     | 260                     | 330                       |
| <b>Ocotillo Wash Tributary 3</b>                          |                              |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                 | 0.21                         | 164                      | 252                     | 296                     | 375                       |
| <b>Ocotillo Wash Tributary 4</b>                          |                              |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                 | 0.06                         | 46                       | 71                      | 83                      | 105                       |
| <b>Ocotillo Wash Tributary 5</b>                          |                              |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                 | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 590                     | -- <sup>1</sup>           |
| <b>Ocotillo Wash Tributary 6</b>                          |                              |                          |                         |                         |                           |
| Upstream of confluence with Ocotillo Wash                 | 0.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 160                     | -- <sup>1</sup>           |
| <b>Osborn Road Wash</b>                                   |                              |                          |                         |                         |                           |
| Just upstream of the confluence with Tuthill Dike Wash    | 5.02                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,412                   | -- <sup>1</sup>           |
| At Caterpillar Proving Grounds Road                       | 4.64                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,253                   | -- <sup>1</sup>           |
| <b>Ox Wash</b>  |                              |                          |                         |                         |                           |
| At Hassayampa River                                       | 6.61                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,447                   | -- <sup>1</sup>           |
| Approximately 1,000 feet downstream of U.S. Highway 60/89 | 5.62                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,406                   | -- <sup>1</sup>           |
| <b>Oxford Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Balboa Wash                                   | 0.32                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 640                     | -- <sup>1</sup>           |
| At Glenbrook Boulevard                                    | 0.08                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 210                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Padelford Wash</b>  |                              |                          |                         |                         |                           |
| Approximately 1,000 feet upstream of the Central Arizona Project Canal | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,187                   | -- <sup>1</sup>           |
| Downstream of Dove Valley Road   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,538                   | -- <sup>1</sup>           |
| Downstream of Padelford Wash, Split 2                                  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,863                   | -- <sup>1</sup>           |
| Downstream of Padelford Wash, Split 3                                  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,012                   | -- <sup>1</sup>           |
| Upstream of Padelford Wash, Split 3                                    | 18.67                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,776                  | -- <sup>1</sup>           |
| Downstream of Padelford Wash, Tributary C                              | 10.72                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,063                   | -- <sup>1</sup>           |
| Upstream of Padelford Wash, Tributary C                                | 5.09                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,263                   | -- <sup>1</sup>           |
| Just downstream of State Route 74                                      | 1.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,624                   | -- <sup>1</sup>           |
| <b>Padelford Wash Split 1</b>  |                              |                          |                         |                         |                           |
| Downstream of the Padelford Wash confluence                            | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,324                   | -- <sup>1</sup>           |
| Approximately 1,000 feet upstream of the Central Arizona Project Canal | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,135                   | -- <sup>1</sup>           |
| <b>Padelford Wash Split 2</b>  |                              |                          |                         |                         |                           |
| Downstream of the Padelford Wash confluence                            | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,149                   | -- <sup>1</sup>           |
| Approximately 1,200 feet upstream of the Central Arizona Project Canal | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,409                   | -- <sup>1</sup>           |
| <b>Padelford Wash Split 3</b>  |                              |                          |                         |                         |                           |
| Downstream of the Padelford Wash confluence                            | 1.68                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,660                   | -- <sup>1</sup>           |
| Approximately 1,500 feet upstream of the Central Arizona Project Canal | 1.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,781                   | -- <sup>1</sup>           |
| <b>Padelford Wash Split 4</b>  |                              |                          |                         |                         |                           |
| At White Wing Road   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 704                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Padelford Wash Split 5</b>  |                                 |                                |                               |                               |                                 |
| Approximately 5,000 feet upstream of the Central Arizona Project Canal | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,048                         | -- <sup>1</sup>                 |
| <b>Padelford Wash Tributary A</b>                                      |                                 |                                |                               |                               |                                 |
| Upstream of the Padelford Wash confluence                              | 6.84                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,775                         | -- <sup>1</sup>                 |
| Just downstream of State Route 74                                      | 1.13                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,163                         | -- <sup>1</sup>                 |
| <b>Padelford Wash Tributary B</b>                                      |                                 |                                |                               |                               |                                 |
| Just downstream of State Route 74                                      | 4.77                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,571                         | -- <sup>1</sup>                 |
| <b>Padelford Wash Tributary C</b>                                      |                                 |                                |                               |                               |                                 |
| Upstream of the Padelford Wash confluence                              | 5.63                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,733                         | -- <sup>1</sup>                 |
| Just downstream of State Route 74                                      | 2.68                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,135                         | -- <sup>1</sup>                 |
| <b>Paradise Wash</b>   |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Paradise Wash West Fork                    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,179                         | -- <sup>1</sup>                 |
| Upstream of confluence with Ranieri Wash                               | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,701                         | -- <sup>1</sup>                 |
| North of New River Road  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,590                         | -- <sup>1</sup>                 |
| <b>Paradise Wash West Fork</b>   |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Paradise Wash                              | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,023                         | -- <sup>1</sup>                 |
| Downstream of Cloud Road   | 1.07                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,023                         | -- <sup>1</sup>                 |
| Upstream of Cloud Road   | 0.47                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 798                           | -- <sup>1</sup>                 |
| Approximately 500 feet upstream of New River Road                      | 0.24                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 476                           | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Perryville Road Wash</b>  |                                 |                                |                               |                               |                                 |
| At Camelback Road  | 14.1                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,277                         | -- <sup>1</sup>                 |
| At the intersection of Camelback Road and Perryville Road              | 13                              | -- <sup>1</sup>                | -- <sup>1</sup>               | 653                           | -- <sup>1</sup>                 |
| At Glendale Avenue   | 11.6                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 671                           | -- <sup>1</sup>                 |
| <b>Pioneer Cemetery Wash</b>   |                                 |                                |                               |                               |                                 |
| Just upstream of confluence with Evans Wash                            | 2.26                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 790                           | -- <sup>1</sup>                 |
| <b>Powder House Wash</b>   |                                 |                                |                               |                               |                                 |
| At Hassayampa River  | 1.95                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,114                         | -- <sup>1</sup>                 |
| Approximately 1,000 feet downstream of Powder House<br>Tributary No. 1 | 1.33                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,476                         | -- <sup>1</sup>                 |
| <b>Powder House Wash Tributary 1</b>                                   |                                 |                                |                               |                               |                                 |
| At Powder House Wash   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 222                           | -- <sup>1</sup>                 |
| <b>Powder House Wash Tributary 2</b>                                   |                                 |                                |                               |                               |                                 |
| At Powder House Wash   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 133                           | -- <sup>1</sup>                 |
| <b>Powder Wash</b>   |                                 |                                |                               |                               |                                 |
| Approximately 480 feet downstream of Leo Drive                         | 0.32                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 583                           | -- <sup>1</sup>                 |
| At Powderhorn Drive  | 0.16                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 423                           | -- <sup>1</sup>                 |
| <b>Powerline Wash</b>  |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Star Wash                                  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,100                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Prospect Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Buckeye Flood Retarding Structure Number 3                      | 0.65                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,267                   | -- <sup>1</sup>           |
| Just upstream of Buckeye Flood Retarding Structure Number 3                        | 0.55                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,292                   | -- <sup>1</sup>           |
| <b>Pyrite Wash</b>   |                              |                          |                         |                         |                           |
| Upstream of confluence with Skyline Wash   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,571                   | -- <sup>1</sup>           |
| Upstream of confluence with Wagon Wash   | 0.72                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,357                   | -- <sup>1</sup>           |
| At a point approximately 5,200 feet upstream of the confluence with Skyline Wash   | 0.55                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,259                   | -- <sup>1</sup>           |
| <b>Queen Creek Wash</b>  |                              |                          |                         |                         |                           |
| At Hawes Road  | 26.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,010                   | -- <sup>1</sup>           |
| <b>Quilotosa Wash</b>  |                              |                          |                         |                         |                           |
| At Watermelon Road (above confluence with Hacker Wash)                             | 354.4                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 21,200                  | -- <sup>1</sup>           |
| At Indian Road and confluence with diversion from I-8 Wash West                    | 350.8                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 16,200                  | -- <sup>1</sup>           |
| At confluence with Hacker Wash downstream of I-8                                   | 350.8                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 15,540                  | -- <sup>1</sup>           |
| At confluence with West Quilotosa Wash upstream of I-8                             | 131.1                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 15,200                  | -- <sup>1</sup>           |
| Above confluence with West Quilotosa Wash  | 87.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,170                   | -- <sup>1</sup>           |
| At confluence with Gila Bend Wash and Quilotosa Wash East Split at Gila Bend Canal | 87.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 9,170                   | -- <sup>1</sup>           |
| At upstream confluence with Quilotosa Wash East Split                              | 84                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,450                   | -- <sup>1</sup>           |
| Upstream of confluence with Gila Bend Canal Wash                                   | 84                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,850                   | -- <sup>1</sup>           |
| <b>Quilotosa Wash East Split</b>   |                              |                          |                         |                         |                           |
| At upstream confluence with Quilotosa Wash   | 3.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,400                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                 | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Rainbow Wash</b>  |                              |                          |                         |                         |                           |
| At Gila Bend Canal   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 11,568                  | -- <sup>1</sup>           |
| At SR 85 bridge  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,124                   | -- <sup>1</sup>           |
| At Rainbow Wash Tributary                                    | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,263                   | -- <sup>1</sup>           |
| At SR 85 box culverts  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,263                   | -- <sup>1</sup>           |
| <b>Rainbow Wash Tributary</b>                                |                              |                          |                         |                         |                           |
| At the confluence with Rainbow Wash                          | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 2,263                   | -- <sup>2</sup>           |
| <b>Ranieri Tank Wash</b>                                     |                              |                          |                         |                         |                           |
| Upstream of confluence with Paradise Wash                    | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,348                   | -- <sup>1</sup>           |
| Downstream of confluence with Ranieri Tank Wash Tributary 1  | 1.89                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,348                   | -- <sup>1</sup>           |
| Upstream of confluence with Ranieri Tank Wash Tributary 1    | 0.58                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 849                     | -- <sup>1</sup>           |
| Approximately 1,500 feet downstream of 40th Street Alignment | 0.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 717                     | -- <sup>1</sup>           |
| Upstream of confluence with Ranieri Tank Wash Tributary 3    | 0.27                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 488                     | -- <sup>1</sup>           |
| <b>Ranieri Tank Wash Tributary 1</b>                         |                              |                          |                         |                         |                           |
| Above confluence with Ranieri Tank Wash                      | 0.53                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 832                     | -- <sup>1</sup>           |
| Above confluence with Ranieri Tank Wash Tributary 2          | 0.31                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 473                     | -- <sup>1</sup>           |
| Approximately 1,400 feet upstream of Cloud Road              | 0.23                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 441                     | -- <sup>1</sup>           |
| Approximately 3,300 feet upstream of Cloud Road              | 0.14                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 311                     | -- <sup>1</sup>           |
| <b>Ranieri Tank Wash Tributary 2</b>                         |                              |                          |                         |                         |                           |
| Upstream of confluence with Ranieri Tank Wash Tributary 1    | 0.22                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 414                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Ranieri Tank Wash Tributary 3</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Ranieri Tank Wash   | 0.19                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 301                     | -- <sup>1</sup>           |
| <b>Rattler Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Skyline Wash Alluvial Fan  | 0.65                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,421                   | -- <sup>1</sup>           |
| At a point approximately 8,078 feet upstream of the<br>Buckeye Flood Retarding Structure Number 3 | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 890                     | -- <sup>1</sup>           |
| <b>Rawhide Wash</b>   |                              |                          |                         |                         |                           |
| Downstream of Dynamite Boulevard  | 9.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,319                   | -- <sup>1</sup>           |
| At Dynamite Boulevard   | 8.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,157                   | -- <sup>1</sup>           |
| Downstream of Via Dona Road   | 8.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,153                   | -- <sup>1</sup>           |
| Downstream of Lone Mountain alignment   | 8.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,150                   | -- <sup>1</sup>           |
| 96th Street alignment   | 6.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,755                   | -- <sup>1</sup>           |
| At confluence with Rawhide Wash Tributary 1   | 6.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,600                   | -- <sup>1</sup>           |
| Downstream of confluence with Tributaries 2, 3, and 4 to<br>Rawhide Wash                          | 6.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,445                   | -- <sup>1</sup>           |
| Upstream of confluence with Tributaries 2, 3, and 4 to<br>Rawhide Wash                            | 5.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,666                   | -- <sup>1</sup>           |
| At diversion  | 1.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 731                     | -- <sup>1</sup>           |
| South of Tonto National Forest Boundary, approximately<br>3,340 feet                              | 1.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,111                   | -- <sup>1</sup>           |
| South of Tonto National Forest Boundary, approximately<br>2,560 feet                              | 0.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 867                     | -- <sup>1</sup>           |
| <b>Rawhide Wash Tributary 1</b>   |                              |                          |                         |                         |                           |
| Approximately 5,600 feet upstream of confluence with<br>Rawhide Wash                              | 0.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 648                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Rawhide Wash Tributary 2</b>   |                                 |                                |                               |                               |                                 |
| Approximately 7,400 feet upstream of confluence with Rawhide Wash             | 1.3                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,481                         | -- <sup>1</sup>                 |
| <b>Rawhide Wash Tributary 3</b>   |                                 |                                |                               |                               |                                 |
| Approximately 3,800 feet upstream of confluence with Rawhide Wash Tributary 2 | 1.1                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,633                         | -- <sup>1</sup>                 |
| <b>Rawhide Wash Tributary 4</b>   |                                 |                                |                               |                               |                                 |
| Approximately 4,000 feet upstream of confluence with Rawhide Wash Tributary 2 | 1.5                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,875                         | -- <sup>1</sup>                 |
| Approximately 7,700 feet upstream of confluence with Rawhide Wash Tributary 2 | 1.3                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,766                         | -- <sup>1</sup>                 |
| <b>Rio Verde North Wash I</b>   |                                 |                                |                               |                               |                                 |
| At Verde River  | 4.96                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,530                         | -- <sup>1</sup>                 |
| <b>Rio Verde Wash A</b>   |                                 |                                |                               |                               |                                 |
| At Vista Verde Drive  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 230                           | -- <sup>1</sup>                 |
| Approximately 670 feet upstream of 168th Street                               | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 270                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash A Split 1</b>   |                                 |                                |                               |                               |                                 |
| Approximately 700 feet downstream of Rio Verde Drive                          | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 195                           | -- <sup>1</sup>                 |
| At 172nd Street   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 310                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash D</b>   |                                 |                                |                               |                               |                                 |
| At Verde River  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 50                            | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                         | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Rio Verde Wash F</b>                              |                                 |                                |                               |                               |                                 |
| At Verde River                                       | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 130                           | -- <sup>1</sup>                 |
| At 172nd Street                                      | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 645                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 10</b>                             |                                 |                                |                               |                               |                                 |
| Approximately 1,100 feet upstream of Avenida Del Ray | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 290                           | -- <sup>1</sup>                 |
| Approximately 700 feet downstream of 156th Street    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,250                         | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 10 Split 4</b>                     |                                 |                                |                               |                               |                                 |
| Approximately 750 feet downstream of 162nd Street    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 260                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 10 Split 7</b>                     |                                 |                                |                               |                               |                                 |
| Approximately 1,700 feet downstream of 164th Avenue  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 135                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 11</b>                             |                                 |                                |                               |                               |                                 |
| Approximately 320 feet west of Palo Fiero Drive      | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 180                           | -- <sup>1</sup>                 |
| Approximately 1,900 feet upstream of 168th Street    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 310                           | -- <sup>1</sup>                 |
| Approximately 1,280 feet downstream of 156th Street  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 270                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 11 Split 1</b>                     |                                 |                                |                               |                               |                                 |
| Approximately 260 feet west of Palo Fiero Drive      | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 265                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 11 Split 2</b>                     |                                 |                                |                               |                               |                                 |
| Approximately 560 feet west of Agua Verde Drive      | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 215                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 11 Split 8</b>                     |                                 |                                |                               |                               |                                 |
| Approximately 970 feet downstream of 156th Street    | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 370                           | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Rio Verde Wash 12</b>  |                                 |                                |                               |                               |                                 |
| Approximately 290 feet west of Agua Verde Drive<br>Extended                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 280                           | -- <sup>1</sup>                 |
| Approximately 2,380 feet downstream of 168th Street<br>At 164th Street                        | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 340                           | -- <sup>1</sup>                 |
|   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 380                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 12 Split 3</b>  |                                 |                                |                               |                               |                                 |
| Approximately 600 feet west of Agua Verde Drive   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 230                           | -- <sup>1</sup>                 |
| <b>Rio Verde Wash 12 Split 6</b>  |                                 |                                |                               |                               |                                 |
| At 168th Street   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 150                           | -- <sup>1</sup>                 |
| <b>Rock Springs Creek</b>   |                                 |                                |                               |                               |                                 |
| Approximately 2,300 feet upstream of the confluence with<br>New River                         | 3                               | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,200                         | -- <sup>1</sup>                 |
| Approximately 10,000 feet upstream of the confluence<br>with New River                        | 1.61                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,000                         | -- <sup>1</sup>                 |
| Approximately 17,800 feet upstream of the confluence<br>with New River                        | 0.64                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,300                         | -- <sup>1</sup>                 |
| <b>Rodeo Wash</b>   |                                 |                                |                               |                               |                                 |
| Ponding Along Southern Pacific Railroad, U.S. Highway<br>80, and Gillespie Canal at Gila Bend | 3.3                             | 560                            | 1,100                         | 1,400                         | 2,200                           |
| <b>Rodeo Wash Tributary</b>   |                                 |                                |                               |                               |                                 |
| Ponding along Southern Pacific Railroad at Gila Bend  | -- <sup>2</sup>                 | -- <sup>2</sup>                | -- <sup>2</sup>               | -- <sup>2</sup>               | -- <sup>2</sup>                 |
| <b>Rodger Creek</b>   |                                 |                                |                               |                               |                                 |
| At confluence with Skunk Creek  | -- <sup>2</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 6,170                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Rodger Creek (continued)</b>   |                                 |                                |                               |                               |                                 |
| At 18th Street  | -- <sup>2</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,450                         | -- <sup>1</sup>                 |
| Upstream of 28th Street   | -- <sup>2</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,870                         | -- <sup>1</sup>                 |
| <b>Roosevelt Irrigation District Canal Split Flow</b><br>(flows decrease due to diversions along Southern Pacific Railroad) |                                 |                                |                               |                               |                                 |
| At 51st Avenue  | 4.65                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,755                         | -- <sup>1</sup>                 |
| East of 59th Avenue   | 0.5                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 650                           | -- <sup>1</sup>                 |
| At 83rd Avenue  | 9.54                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 160                           | -- <sup>1</sup>                 |
| At Van Buren Street, west of 83rd Avenue  | 0.76                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 429                           | -- <sup>1</sup>                 |
| <b>Rowe Wash</b>  |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Galloway Wash   | 5.5                             | 4,170                          | 6,190                         | 6,940                         | 9,200                           |
| Approximately 2.5 miles upstream of confluence with Galloway Wash   | 4.8                             | 4,030                          | 5,940                         | 6,650                         | 8,800                           |
| At confluence of Grapevine Wash   | 4.63                            | 3,033                          | 4,531                         | 5,307                         | 6,687                           |
| Upstream of confluence with Grapevine Wash  | 0.74                            | 1,225                          | 1,182                         | 2,048                         | 2,512                           |
| Upstream of confluence with Rowe Wash Tributary 1   | 0.49                            | 790                            | 1,158                         | 1,334                         | 1,639                           |
| At River Mile 4.05  | 0.12                            | 211                            | 305                           | 352                           | 433                             |
| <b>Salt River</b>   |                                 |                                |                               |                               |                                 |
| At 67th Avenue  | 12,962                          | 51,000                         | 132,000                       | 164,000                       | 237,000                         |
| At Central Avenue   | 12,831                          | 53,000                         | 135,000                       | 166,000                       | 240,000                         |
| At Mill Avenue Bridge   | 12,783                          | 55,000                         | 140,000                       | 169,000                       | 243,000                         |
| At Gilbert Road   | 12,593                          | 58,000                         | 145,000                       | 172,000                       | 246,000                         |
| At Granite Reef Dam   | -- <sup>2</sup>                 | 60,000                         | 150,000                       | 175,000                       | 250,000                         |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Salt River South Split</b>   |                                 |                                |                               |                               |                                 |
| Just upstream of the confluence with the Salt River                   | -- <sup>2</sup>                 | -- <sup>2</sup>                | -- <sup>2</sup>               | 16,000                        | -- <sup>2</sup>                 |
| <b>San Domingo Wash</b>   |                                 |                                |                               |                               |                                 |
| At U.S. Highway 60/89   | 20.33                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 12,760                        | -- <sup>1</sup>                 |
| Approximately 6,000 feet upstream of U.S. Highway 60/89               | 19.74                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 13,242                        | -- <sup>1</sup>                 |
| Approximately 12,060 feet upstream of U.S. Highway 60/89              | 18.74                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 12,911                        | -- <sup>1</sup>                 |
| <b>Sand Tank Wash</b>   |                                 |                                |                               |                               |                                 |
| At North Indian Road  | 342                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 18,100                        | -- <sup>1</sup>                 |
| Downstream of I-8   | 330                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 11,097                        | -- <sup>1</sup>                 |
| Upstream of I-8   | 330                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 24,265                        | -- <sup>1</sup>                 |
| <b>Sauceda Wash</b>   |                                 |                                |                               |                               |                                 |
| At Watermelon Road (above confluence with Gila River)                 | 265.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,700                         | -- <sup>1</sup>                 |
| Downstream of I-8   | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,800                         | -- <sup>1</sup>                 |
| Diversion to I-8 Wash West at Southern Pacific Railroad               | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,910                         | -- <sup>1</sup>                 |
| Upstream of diversions to I-8 Wash West                               | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 8,710                         | -- <sup>1</sup>                 |
| Confluence with diversion from West Quilotosa Wash at Gila Bend Canal | 263.4                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 9,640                         | -- <sup>1</sup>                 |
| Upstream of confluence with West Quilotosa Wash                       | 132.2                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,690                         | -- <sup>1</sup>                 |
| <b>Scatter Wash</b>   |                                 |                                |                               |                               |                                 |
| Above confluence with Skunk Creek                                     | 14.3                            | -- <sup>2</sup>                | -- <sup>2</sup>               | 2,760                         | -- <sup>2</sup>                 |
| Upstream of Black Canyon Highway (State Highway 17)                   | 8.9                             | -- <sup>2</sup>                | -- <sup>2</sup>               | 2,642                         | -- <sup>2</sup>                 |

--<sup>1</sup> Data Not Computed--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Scatter Wash North Branch</b>   |                              |                          |                         |                         |                           |
| Just upstream of confluence with Scatter Wash South Branch   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 2,642                   | -- <sup>2</sup>           |
| <b>Scatter Wash South Branch</b>   |                              |                          |                         |                         |                           |
| At 23rd Avenue   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 1,071                   | -- <sup>2</sup>           |
| Just above Deer Valley Road  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 674                     | -- <sup>2</sup>           |
| Just upstream of the confluence with Scatter Wash North Branch   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 311                     | -- <sup>2</sup>           |
| <b>Scott Avenue Wash</b>   |                              |                          |                         |                         |                           |
| (It derives the majority of its peak 1%-annual-chance discharge from flow diverted from Sand Tank Wash above Interstate 8) |                              |                          |                         |                         |                           |
| At Watermelon Road   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,600                   | -- <sup>1</sup>           |
| Downstream of I-8  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,865                   | -- <sup>1</sup>           |
| Upstream of I-8  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,156                  | -- <sup>1</sup>           |
| <b>Skunk Creek</b>   |                              |                          |                         |                         |                           |
| At confluence with Arizona Canal   | 19.9                         | 2,200                    | 6,700                   | 11,000                  | 33,000                    |
| Downstream of confluence with Scatter Wash (At 59th Avenue)  | 0.4                          | 2,000                    | 5,500                   | 8,400                   | 22,000                    |
| Upstream of confluence with Scatter Wash   | 0.9                          | 1,600                    | 2,200                   | 2,600                   | 4,600                     |
| At Outflow of Adobe Dam  | 0                            | 1,370                    | 1,650                   | 1,730                   | 2,000                     |
| At Inflow of Adobe Dam   | 89.6                         | 15,000                   | 29,000                  | 39,000                  | 85,000                    |
| At Granite Reef Aqueduct   | 63.49                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 26,700                  | -- <sup>1</sup>           |
| At Carefree Highway  | 40.11                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 27,300                  | -- <sup>1</sup>           |
| At confluence with Rodger Creek  | 32.67                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 24,400                  | -- <sup>1</sup>           |
| At confluence with Cline Creek   | 15.76                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 11,800                  | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Skunk Creek (continued)</b>                                       |                              |                          |                         |                         |                           |
| At New River Road  | 8.04                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,800                   | -- <sup>1</sup>           |
| <b>Skunk Creek Breakout</b>  |                              |                          |                         |                         |                           |
| Below divergence from Skunk Creek                                    | -- <sup>1</sup>              | 2,700                    | 8,000                   | 11,220                  | 27,625                    |
| <b>Skunk Creek Tributary 6B</b>                                      |                              |                          |                         |                         |                           |
| Approximately 8,800 feet upstream of the confluence with Skunk Creek | 2.82                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,169                   | -- <sup>1</sup>           |
| Approximately 9,000 feet upstream of the confluence with Skunk Creek | 1.85                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,007                   | -- <sup>1</sup>           |
| <b>Skunk Creek Tributary 6B North</b>                                |                              |                          |                         |                         |                           |
| Approximately 8,800 feet upstream of the confluence with Skunk Creek | 0.97                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,477                   | -- <sup>1</sup>           |
| <b>Skunk Creek Tributary 6C</b>                                      |                              |                          |                         |                         |                           |
| At confluence with Skunk Creek                                       | 0.34                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 758                     | -- <sup>1</sup>           |
| <b>Skunk Creek Tributary 10A</b>                                     |                              |                          |                         |                         |                           |
| At confluence with Skunk Creek                                       | 1.14                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,778                   | -- <sup>1</sup>           |
| <b>Skunk Creek Tributary 10B</b>                                     |                              |                          |                         |                         |                           |
| At confluence with Skunk Creek                                       | 1.68                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,820                   | -- <sup>1</sup>           |
| <b>Skunk Creek Tributary 12</b>                                      |                              |                          |                         |                         |                           |
| At confluence with Skunk Creek                                       | 1.83                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,255                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA (Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|---------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                           | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Skunk Creek Tributary 27.161</b>   |                           |                          |                         |                         |                           |
| At confluence with Skunk Creek  | N/A                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,255                   | -- <sup>1</sup>           |
| <b>Skunk Tank Wash</b>  |                           |                          |                         |                         |                           |
| At confluence with Skunk Creek  | 4.8                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,260                   | -- <sup>1</sup>           |
| At Irvine Road  | 1.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,880                   | -- <sup>1</sup>           |
| At Desert Hills Drive   | 1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,420                   | -- <sup>1</sup>           |
| <b>Skyline Wash</b>   |                           |                          |                         |                         |                           |
| At apex of Skyline Wash Alluvial Fan  | 3.93                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,346                   | -- <sup>1</sup>           |
| Upstream of confluence with Pyrite Wash   | 2.75                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,344                   | -- <sup>1</sup>           |
| Upstream of confluence with Mountain Wash                                       | 1.92                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,502                   | -- <sup>1</sup>           |
| At a point approximately 4,450 feet upstream of the confluence with Pyrite Wash | 1.79                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,410                   | -- <sup>1</sup>           |
| Upstream of confluence with Granite Falls Wash                                  | 0.73                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,443                   | -- <sup>1</sup>           |
| <b>Sols Wash</b>  |                           |                          |                         |                         |                           |
| At confluence with Hassayampa River   | 147.2                     | 7,019                    | 12,453                  | 15,045                  | 20,836                    |
| Upstream of confluence of Casandro Wash   | 145.5                     | 6,758                    | 11,964                  | 14,459                  | 20,005                    |
| Upstream of confluence of Hospital Wash   | 145.1                     | 6,725                    | 11,927                  | 14,413                  | 19,986                    |
| Upstream of confluence of Flying E Wash   | 134.8                     | 5,784                    | 10,433                  | 12,945                  | 18,691                    |
| At railroad bridge at Railroad Milepost 36                                      | 119.3                     | 4,795                    | 9,767                   | 12,244                  | 17,749                    |
| At Maricopa - Yavapai County Boundary   | 86.7                      | 3,696                    | 7,504                   | 9,419                   | 13,760                    |
| <b>Sols Wash Tributary AH2</b>  |                           |                          |                         |                         |                           |
| At Sols Wash  | 10.27                     | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,031                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                      | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Sols Wash Tributary AH3</b>                                    |                                 |                                |                               |                               |                                 |
| Downstream of confluence with Unnamed Tributary                   | 7.18                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,046                         | -- <sup>1</sup>                 |
| Approximately 1,000 feet downstream of U.S. Highway 60            | 4.77                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,741                         | -- <sup>1</sup>                 |
| At U.S. Highway 60  | 2.23                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,908                         | -- <sup>1</sup>                 |
| <b>Sols Wash Tributary AH3 Unnamed Tributary</b>                  |                                 |                                |                               |                               |                                 |
| At Sols Wash Tributary AH3  | 1.52                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,680                         | -- <sup>1</sup>                 |
| <b>Sols Wash Tributary AH4</b>                                    |                                 |                                |                               |                               |                                 |
| At Sols Wash  | 0.94                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 907                           | -- <sup>1</sup>                 |
| <b>Sols Wash Tributary AH5</b>                                    |                                 |                                |                               |                               |                                 |
| At Sols Wash  | 2.89                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,129                         | -- <sup>1</sup>                 |
| <b>Sonoqui Wash</b>   |                                 |                                |                               |                               |                                 |
| At Higley Road  | 69.65                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,400                         | -- <sup>1</sup>                 |
| At Sossaman Road  | 53.58                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,890                         | -- <sup>1</sup>                 |
| At Chandler Heights Road  | 52.32                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,037                         | -- <sup>1</sup>                 |
| At Hawes Road   | 48.28                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,000                         | -- <sup>1</sup>                 |
| At Riggs Road   | 48.26                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,400                         | -- <sup>1</sup>                 |
| <b>Sonoran Wash</b>   |                                 |                                |                               |                               |                                 |
| Approximately 3,500 feet upstream of confluence with Skunk Creek  | 11.11                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 9,700                         | -- <sup>1</sup>                 |
| Approximately 13,000 feet upstream of confluence with Skunk Creek | 7.7                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 8,400                         | -- <sup>1</sup>                 |
| Approximately 19,000 feet upstream of confluence with Skunk Creek | 2.57                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,300                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Southern Overflow Channel (AO Zone)</b>                          |                                 |                                |                               |                               |                                 |
| At confluence with Unnamed Channel                                  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 731                           | -- <sup>1</sup>                 |
| <b>Southwest Side of Union Pacific Railroad</b>                     |                                 |                                |                               |                               |                                 |
| From Germann Road to confluence of East Maricopa Floodway           | 2.0                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 313                           | -- <sup>1</sup>                 |
| <b>Stagecoach Pass Wash</b>   |                                 |                                |                               |                               |                                 |
| At confluence with Scottsdale Road                                  | 1.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,996                         | -- <sup>1</sup>                 |
| At confluence with Pima Road  | 1.1                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,308                         | -- <sup>1</sup>                 |
| Approximately 600 feet upstream of confluence with Stage Coach Pass | 1.01                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,116                         | -- <sup>1</sup>                 |
| At east boundary with Town of Carefree and City of Scottsdale       | 0.54                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 844                           | -- <sup>1</sup>                 |
| At the northeast corner of Section 32, Township 6N, Range 5E        | 0.304                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 758                           | -- <sup>1</sup>                 |
| <b>Stagecoach Pass Wash Unnamed Tributary</b>                       |                                 |                                |                               |                               |                                 |
| At confluence with Stagecoach Pass Wash                             | 0.12                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 225                           | -- <sup>1</sup>                 |
| <b>Star Wash</b>  |                                 |                                |                               |                               |                                 |
| At Mouth  | 166.8                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 17,300                        | -- <sup>1</sup>                 |
| Downstream of Powerline Wash  | 160.6                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 17,600                        | -- <sup>1</sup>                 |
| Upstream of confluence with Powerline Wash                          | 125.7                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 13,900                        | -- <sup>1</sup>                 |
| Upstream of confluence with Tank Wash                               | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 10,700                        | -- <sup>1</sup>                 |
| Upstream of confluence with Star Wash Tributary A                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 7,200                         | -- <sup>1</sup>                 |
| Upstream of confluence with Star Wash Tributary D                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,900                         | -- <sup>1</sup>                 |
| Upstream of confluence with Star Wash Tributary C                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,200                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Star Wash Tributary A</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Star Wash   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 8,700                   | -- <sup>1</sup>           |
| Upstream of confluence with Star Wash Tributary B                             | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,000                   | -- <sup>1</sup>           |
| <b>Star Wash Tributary B</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Star Wash   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,000                   | -- <sup>1</sup>           |
| <b>Star Wash Tributary C</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Star Wash   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,600                   | -- <sup>1</sup>           |
| <b>Star Wash Tributary D</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Star Wash   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,300                   | -- <sup>1</sup>           |
| Upstream of confluence with Star Wash Tributary E                             | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,000                   | -- <sup>1</sup>           |
| <b>Star Wash Tributary E</b>  |                              |                          |                         |                         |                           |
| Upstream of confluence with Star Wash   | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,000                   | -- <sup>1</sup>           |
| <b>Sunburst Wash</b>  |                              |                          |                         |                         |                           |
| Upstream of Stoneridge Dam  | 0.39                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 122                     | -- <sup>1</sup>           |
| <b>Sunland Avenue Tributary</b>   |                              |                          |                         |                         |                           |
| At the confluence with Buckeye Feeder Canal                                   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 720                     | -- <sup>2</sup>           |
| Approximately 1,500 feet upstream of the confluence with Buckeye Feeder Canal | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 670                     | -- <sup>2</sup>           |
| Approximately 2,800 feet upstream of the confluence with Buckeye Feeder Canal | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 610                     | -- <sup>2</sup>           |
| At the upstream limit of detailed study                                       | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 550                     | -- <sup>2</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                         | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Sunny Cove Wash</b>                               |                              |                          |                         |                         |                           |
| At Sunset Wash                                       | 0.11                         | 186                      | 282                     | 326                     | 428                       |
| <b>Sunny Cove Wash (Upper Reach)</b>                 |                              |                          |                         |                         |                           |
| Upstream of Flood Control Dam                        | 1.39                         | 831                      | 1,316                   | 1,542                   | 2,102                     |
| Just upstream of Steinway Drive                      | 0.56                         | 549                      | 863                     | 1,006                   | 1,344                     |
| <b>Sunset Wash</b>                                   |                              |                          |                         |                         |                           |
| At Hassayampa River                                  | 0.59                         | 599                      | 975                     | 1,146                   | 1,550                     |
| Just upstream of the confluence with Sunny Cove Wash | 0.25                         | 264                      | 421                     | 493                     | 662                       |
| <b>Sunset Wash (Upper Reach)</b>                     |                              |                          |                         |                         |                           |
| Upstream of Flood Control Dam                        | 0.34                         | 279                      | 443                     | 515                     | 696                       |
| <b>Sunset Wash Tributary</b>                         |                              |                          |                         |                         |                           |
| At Sunset Wash (Upper Reach)                         | 0.27                         | 220                      | 350                     | 412                     | 551                       |
| <b>Sweat Canyon Wash</b>                             |                              |                          |                         |                         |                           |
| At New River Road                                    | 15.06                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 13,677                  | -- <sup>1</sup>           |
| <b>Sycamore Wash</b>                                 |                              |                          |                         |                         |                           |
| At Sycamore Drive                                    | 0.38                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 396                     | -- <sup>1</sup>           |
| At Greystone Drive                                   | 0.28                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 251                     | -- <sup>1</sup>           |
| <b>Tank Wash</b>                                     |                              |                          |                         |                         |                           |
| Upstream of confluence with Star Wash                | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,600                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Tank Wash South Branch</b>  |                              |                          |                         |                         |                           |
| Just upstream of confluence with Tank Wash   | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 2,300                   | -- <sup>2</sup>           |
| <b>Tenth Street Wash</b>   |                              |                          |                         |                         |                           |
| At Arizona Canal   | 2.84                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,274                   | -- <sup>1</sup>           |
| At Alice Avenue  | 2.49                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 841                     | -- <sup>1</sup>           |
| <b>Tractor Wash</b>  |                              |                          |                         |                         |                           |
| Just upstream of the confluence with Tuthill Dike Wash   | 2.16                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,648                   | -- <sup>1</sup>           |
| At Caterpillar Proving Grounds Road (interpolated discharge from White Tanks/Agua Fria ADMS HEC-1 run) | 0.58                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 472                     | -- <sup>1</sup>           |
| <b>Tribly Wash</b>   |                              |                          |                         |                         |                           |
| Approximately 720 feet south of State Route 74   | 11.1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,900                   | -- <sup>1</sup>           |
| <b>Tributary C-6</b>   |                              |                          |                         |                         |                           |
| At confluence with Tributary C-8   | 3.29                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,210                   | -- <sup>1</sup>           |
| At confluence with Tributary X4A   | 1.87                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,920                   | -- <sup>1</sup>           |
| At confluence with Tributary X3  | 1.59                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,430                   | -- <sup>1</sup>           |
| At confluence with Tributary X2  | 1.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 943                     | -- <sup>1</sup>           |
| <b>Tributary C-6 and C-8</b>   |                              |                          |                         |                         |                           |
| At confluence with Cline Creek   | 4.85                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,320                   | -- <sup>1</sup>           |
| <b>Tributary C-8</b>   |                              |                          |                         |                         |                           |
| At confluence with Tributary C-6   | 1.42                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,280                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                    | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Tributary X1</b>                             |                              |                          |                         |                         |                           |
| Approximately 600 feet west of 20th Street      | 0.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 708                     | -- <sup>1</sup>           |
| <b>Tributary X1 Overflow</b>                    |                              |                          |                         |                         |                           |
| At confluence with Tributary X1 Splitflow       | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 148                     | -- <sup>2</sup>           |
| <b>Tributary X1 Splitflow</b>                   |                              |                          |                         |                         |                           |
| At confluence with Tributary X1                 | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 485                     | -- <sup>2</sup>           |
| <b>Tributary X2</b>                             |                              |                          |                         |                         |                           |
| At confluence with Tributary C-6                | 0.43                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 390                     | -- <sup>1</sup>           |
| <b>Tributary X3</b>                             |                              |                          |                         |                         |                           |
| At confluence with Tributary C-6                | 0.56                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 518                     | -- <sup>1</sup>           |
| <b>Tributary X4A</b>                            |                              |                          |                         |                         |                           |
| At confluence with Tributary C-6                | 0.28                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 399                     | -- <sup>1</sup>           |
| At confluence with Tributary X4B                | 0.16                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 254                     | -- <sup>1</sup>           |
| <b>Tributary X4B</b>                            |                              |                          |                         |                         |                           |
| At confluence with Tributary X4A                | 0.09                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 139                     | -- <sup>1</sup>           |
| <b>Tributary X5</b>                             |                              |                          |                         |                         |                           |
| At confluence with Cline Creek                  | 0.38                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 301                     | -- <sup>1</sup>           |
| <b>Trilby Wash – CAP to Black Mountain Road</b> |                              |                          |                         |                         |                           |
| Upstream of CAP                                 | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,851                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Trilby Wash – CAP to Black Mountain Road<br/>(continued)</b>       |                                 |                                |                               |                               |                                 |
| Upstream of Jomax Road  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,805                         | -- <sup>1</sup>                 |
| At Patton Road  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,756                         | -- <sup>1</sup>                 |
| Upstream of White Wing Road   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,322                         | -- <sup>1</sup>                 |
| At Carefree Highway   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,995                         | -- <sup>1</sup>                 |
| <b>Trilby Wash – McMicken Dam to CAP</b>                              |                                 |                                |                               |                               |                                 |
| At McMicken Dam   | 113                             | 4,773                          | 8,999                         | 11,688                        | -- <sup>1</sup>                 |
| At 195th Avenue, Extended   | 112.4                           | 4,730                          | 8,920                         | 11,625                        | -- <sup>1</sup>                 |
| Approximately 650 feet upstream of 203rd Avenue,<br>Extended          | 111.77                          | 4,690                          | 8,845                         | 11,560                        | -- <sup>1</sup>                 |
| Approximately 500 feet downstream of Deer Valley Road,<br>Extended    | 103.94                          | 4,646                          | 8,769                         | 11,499                        | -- <sup>1</sup>                 |
| Approximately 150 feet downstream of Deer Valley Road,<br>Extended    | 67.16                           | 3,065                          | 5,750                         | 7,430                         | -- <sup>1</sup>                 |
| Approximately 200 feet upstream of Deer Valley Road,<br>Extended      | 27.84                           | 1,488                          | 2,728                         | 3,362                         | -- <sup>1</sup>                 |
| Approximately 1,000 feet upstream of Deer Valley Road<br>Extended     | -- <sup>1</sup>                 | 1,525                          | 2,775                         | 3,420                         | -- <sup>1</sup>                 |
| Approximately 1,050 feet downstream of Pinnacle Peak<br>Road Extended | -- <sup>1</sup>                 | 1,560                          | 2,825                         | 3,480                         | -- <sup>1</sup>                 |
| Approximately 400 feet upstream of Pinnacle Peak Road<br>Extended     | -- <sup>1</sup>                 | 1,595                          | 2,875                         | 3,540                         | -- <sup>1</sup>                 |
| Approximately 1,350 feet downstream of Happy Valley<br>Road Extended  | -- <sup>1</sup>                 | 1,665                          | 2,975                         | 3,660                         | -- <sup>1</sup>                 |
| Approximately 200 feet downstream of Happy Valley<br>Road Extended    | -- <sup>1</sup>                 | 1,700                          | 3,025                         | 3,720                         | -- <sup>1</sup>                 |
| Approximately 1,350 feet downstream of CAP Canal                      | -- <sup>1</sup>                 | 1,735                          | 3,075                         | 3,780                         | -- <sup>1</sup>                 |
| At CAP Canal  | -- <sup>1</sup>                 | 1,775                          | 3,125                         | 3,845                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Trilby Wash at Circle City</b>   |                                 |                                |                               |                               |                                 |
| At Black Mountain Road (discharges decrease due to storage behind AT&SFRR)      | 16.1                            | 1,297                          | 2,280                         | 2,780                         | -- <sup>1</sup>                 |
| Upstream of AT&SFRR   | 16.1                            | 1,380                          | 2,428                         | 2,970                         | -- <sup>1</sup>                 |
| <b>Trilby Wash Middle Channel</b>   |                                 |                                |                               |                               |                                 |
| At the confluence with Trilby Wash West Channel                                 | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,870                         | -- <sup>1</sup>                 |
| <b>Trilby Wash West Channel</b>   |                                 |                                |                               |                               |                                 |
| Just downstream of the divergence from Trilby Wash                              | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,120                         | -- <sup>1</sup>                 |
| Approximately 800 feet upstream from confluence with Trilby Wash Middle Channel | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,145                         | -- <sup>1</sup>                 |
| Approximately 900 feet upstream of convergence with Trilby Wash                 | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,745                         | -- <sup>1</sup>                 |
| <b>Tulip Wash</b>   |                                 |                                |                               |                               |                                 |
| At Hampstead Drive  | 0.37                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 640                           | -- <sup>1</sup>                 |
| At Glenbrook Boulevard  | 0.25                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 460                           | -- <sup>1</sup>                 |
| <b>Turtleback Wash</b>  |                                 |                                |                               |                               |                                 |
| At Hassayampa River   | 5.03                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,180                         | -- <sup>1</sup>                 |
| Approximately 1,140 feet upstream of railroad                                   | 3.53                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,412                         | -- <sup>1</sup>                 |
| <b>Tuthill Dike Wash</b>  |                                 |                                |                               |                               |                                 |
| Downstream of I-10  | 13.9                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,061                         | -- <sup>1</sup>                 |
| Upstream of I-10  | 13.9                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,503                         | -- <sup>1</sup>                 |
| At McDowell Road and the confluence with Bulldozer Wash                         | 14.56                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 6,601                         | -- <sup>1</sup>                 |
| At Thomas Road and the confluence with Caterpillar Wash                         | 12.86                           | -- <sup>1</sup>                | -- <sup>1</sup>               | 6,110                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                               | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Tuthill Dike Wash (continued)</b>                       |                              |                          |                         |                         |                           |
| At Indian School Road and the confluence with Tractor Wash | 7.45                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,011                   | -- <sup>1</sup>           |
| Downstream of Camelback Road                               | 4.99                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,261                   | -- <sup>1</sup>           |
| At the confluence with Caterpillar Dike Wash               | 4.69                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,108                   | -- <sup>1</sup>           |
| <b>Twin Buttes Wash</b>                                    |                              |                          |                         |                         |                           |
| At confluence with Agua Fria River                         | 8.77                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,746                   | -- <sup>1</sup>           |
| At Beardsley Canal   | 8.04                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,779                   | -- <sup>1</sup>           |
| Upstream of confluence with White Peak Wash                | 4.65                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,424                   | -- <sup>1</sup>           |
| Upstream of confluence with Garambullo Wash                | 3.32                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,163                   | -- <sup>1</sup>           |
| Immediately downstream from CAP Canal                      | 3.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,154                   | -- <sup>1</sup>           |
| <b>Twin Peaks Wash</b>                                     |                              |                          |                         |                         |                           |
| Upstream of Yucca Flat Wash                                | 2.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,099                   | -- <sup>1</sup>           |
| <b>Union Pacific Railroad</b>                              |                              |                          |                         |                         |                           |
| At Apache Road   | 2.6                          | 220                      | 450                     | 650                     | -- <sup>1</sup>           |
| At Miller Road   | 2                            | 50                       | 210                     | 410                     | -- <sup>1</sup>           |
| At Ray Road  | 4.7                          | 110                      | 270                     | 360                     | -- <sup>1</sup>           |
| At Railroad Spur   | 2.2                          | 120                      | 280                     | 320                     | -- <sup>1</sup>           |
| Approximately 1.0 mile north of Guadalupe Road             | 143.9                        | 200                      | 2,270                   | 4,090                   | -- <sup>1</sup>           |
| Approximately 0.25 mile north of Western Canal             | 131.8                        | 130                      | 2,160                   | 3,950                   | -- <sup>1</sup>           |
| At Airport Entrance  | 2.2                          | 120                      | 280                     | 320                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Union Pacific Railroad Ditch</b>  |                              |                          |                         |                         |                           |
| (flows decrease due to diversions along Southern Pacific Railroad)                       |                              |                          |                         |                         |                           |
| At confluence with Agua Fria River   | 15.87                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 720                     | -- <sup>1</sup>           |
| At 115th Avenue  | 14.52                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 440                     | -- <sup>1</sup>           |
| At 107th Avenue  | 13.55                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 760                     | -- <sup>1</sup>           |
| At 99th Avenue   | 12.12                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 850                     | -- <sup>1</sup>           |
| At 91st Avenue   | 10.24                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 760                     | -- <sup>1</sup>           |
| At 83rd Avenue   | 9.68                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 980                     | -- <sup>1</sup>           |
| At 75th Avenue   | 8.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,432                   | -- <sup>1</sup>           |
| At 71st Avenue   | 8.88                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,099                   | -- <sup>1</sup>           |
| At 69th Avenue   | 7.24                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,020                   | -- <sup>1</sup>           |
| At 67th Avenue   | 7.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,164                   | -- <sup>1</sup>           |
| <b>Union Pacific Railroad Spur</b>   |                              |                          |                         |                         |                           |
| At Ray Road  | 2.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 790                     | -- <sup>1</sup>           |
| <b>Union Pacific Railroad (Watershed 4)</b>  |                              |                          |                         |                         |                           |
| At Main Street   | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 506                     | -- <sup>1</sup>           |
| At Southern Avenue   | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,293                   | -- <sup>1</sup>           |
| At Southern Avenue (After diversion of approximately 237 acre-feet for detention basins) | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,195                   | -- <sup>1</sup>           |
| At Freeway (Includes overflow from Watersheds 1, 4 & 3)                                  | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,209                   | -- <sup>1</sup>           |
| <b>Unnamed Channel</b>   |                              |                          |                         |                         |                           |
| Just downstream of the confluence with Southern Overflow Channel                         | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 856                     | -- <sup>2</sup>           |
| Just upstream of the confluence with Southern Overflow Channel                           | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 125                     | -- <sup>2</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Unnamed Wash No. 1 (Tributary to Bender Wash)</b>   |                              |                          |                         |                         |                           |
| Downstream of Unnamed Wash No. 2   | 2.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 870                     | -- <sup>1</sup>           |
| <b>Unnamed Wash No. 2 (Tributary to Bender Wash)</b>   |                              |                          |                         |                         |                           |
| At Business Route 8  | 1.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 730                     | -- <sup>1</sup>           |
| <b>Upper Boulders Wash</b>   |                              |                          |                         |                         |                           |
| Approximately 2,300 feet upstream of Scottsdale Road   | 1.73                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,178                   | -- <sup>1</sup>           |
| At confluence with Westland Road   | 1.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,667                   | -- <sup>1</sup>           |
| At confluence with Hayden Road   | 1.08                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,628                   | -- <sup>1</sup>           |
| At confluence with Pima Road   | 0.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,270                   | -- <sup>1</sup>           |
| <b>Upper Fan 5</b>   |                              |                          |                         |                         |                           |
| At the confluence with Existing FEMA Alluvial Fan  | 3.15                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,019                   | -- <sup>1</sup>           |
| Approximately 1,250 feet upstream of the confluence with Pima Road                             | 3.07                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,019                   | -- <sup>1</sup>           |
| Approximately 1,000 feet upstream of confluence with East Boundary of Legend Trail Subdivision | 1.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 979                     | -- <sup>1</sup>           |
| <b>Valley Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Skunk Tank Wash   | 1.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,580                   | -- <sup>1</sup>           |
| Approximately 600 feet downstream of 11th Avenue   | 0.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 820                     | -- <sup>1</sup>           |
| <b>Wagner Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Hassayampa River  | 42.07                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 15,717                  | -- <sup>1</sup>           |
| At east quarter corner of Section 13, T3N, R5W   | 40.21                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 15,351                  | -- <sup>1</sup>           |
| Approximately 1,700 feet below confluence with Bootlegger Wash                                 | 37.39                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,964                  | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wagner Wash (continued)</b>   |                              |                          |                         |                         |                           |
| At Sun Valley Parkway (South Crossing)                                     | 28.62                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,358                  | -- <sup>1</sup>           |
| Approximately 5,200 feet upstream of Sun Valley Parkway (South Crossing)   | 24.54                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 8,079                   | -- <sup>1</sup>           |
| Approximately 3,700 feet downstream of Sun Valley Parkway (North Crossing) | 22.72                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,225                   | -- <sup>1</sup>           |
| Upstream of Sun Valley Parkway (North Crossing)                            | 15.99                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,446                   | -- <sup>1</sup>           |
| Approximately 3,200 feet north of Sun Valley Parkway (North Crossing)      | 15.07                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,894                   | -- <sup>1</sup>           |
| Approximately 1,700 feet downstream of CAP Canal                           | 13.14                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,723                   | -- <sup>1</sup>           |
| Downstream of CAP Canal  | 11.89                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 873                     | -- <sup>1</sup>           |
| <b>Wagon Wash</b>  |                              |                          |                         |                         |                           |
| Just upstream of the confluence with Pyrite Wash                           | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 459                     | -- <sup>2</sup>           |
| <b>Wash 1 East</b>   |                              |                          |                         |                         |                           |
| Approximately 500 feet east of 195th Avenue                                | 4.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 450                     | -- <sup>1</sup>           |
| Just north of U.S. Route 60  | 4.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 470                     | -- <sup>1</sup>           |
| <b>Wash 1 West</b>   |                              |                          |                         |                         |                           |
| At Deer Valley Road  | 35.8                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,160                   | -- <sup>1</sup>           |
| Near Pinnacle Peak Highway   | 33.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,980                   | -- <sup>1</sup>           |
| At Deer Valley Road  | 40.6                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,490                   | -- <sup>1</sup>           |
| At Happy Valley Road   | 35.6                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,180                   | -- <sup>1</sup>           |
| <b>Wash 2 East (North of the Central Arizona Project Canal)</b>            |                              |                          |                         |                         |                           |
| At Lone Mountain Road  | 2.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,450                   | -- <sup>1</sup>           |
| At Dove Valley Road  | 1.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 890                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                      | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash 2 East (South of the Central Arizona Project Canal)</b>   |                              |                          |                         |                         |                           |
| At Jomax Road   | 3.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 470                     | -- <sup>1</sup>           |
| <b>Wash 2 East Tributary</b>                                      |                              |                          |                         |                         |                           |
| At Lone Mountain Road   | 3.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,150                   | -- <sup>1</sup>           |
| <b>Wash 2 West</b>  |                              |                          |                         |                         |                           |
| Just north of McMicken Dam Outlet Channel                         | 28                           | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,130                   | -- <sup>1</sup>           |
| Approximately 2,750 feet south of Deer Valley Road                | 25.6                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,970                   | -- <sup>1</sup>           |
| At Deer Valley Road   | 24.2                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,880                   | -- <sup>1</sup>           |
| <b>Wash 2 West (North of the Central Arizona Project Canal)</b>   |                              |                          |                         |                         |                           |
| At the Central Arizona Project Canal                              | 16.1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,100                   | -- <sup>1</sup>           |
| At Crozier Road   | 2.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,410                   | -- <sup>1</sup>           |
| Approximately 750 feet south of Dixileta Drive                    | 2                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,040                   | -- <sup>1</sup>           |
| <b>Wash 2 West Tributary 1</b>                                    |                              |                          |                         |                         |                           |
| At Crozier Road   | 12.9                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,930                   | -- <sup>1</sup>           |
| Approximately 1,200 feet north of Dixileta Drive                  | 12.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 40,302                  | -- <sup>1</sup>           |
| Approximately 810 feet south of Lone Mountain Road                | 4.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,800                   | -- <sup>1</sup>           |
| <b>Wash 2 West Tributary 2</b>                                    |                              |                          |                         |                         |                           |
| At the Central Arizona Project Canal                              | 3.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,870                   | -- <sup>1</sup>           |
| Approximately 500 feet north of the Central Arizona Project Canal | 1.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,410                   | -- <sup>1</sup>           |
| Approximately 950 feet east of Crozier Road                       | 0.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,150                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                         | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash 2 West Tributary 2 (continued)</b>           |                              |                          |                         |                         |                           |
| Approximately 1,070 feet south of Lone Mountain Road | 0.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 530                     | -- <sup>1</sup>           |
| <b>Wash 3 East</b>                                   |                              |                          |                         |                         |                           |
| Just north of McMicken Dam Outlet Channel            | 20.3                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,000                   | -- <sup>1</sup>           |
| Approximately 920 feet south of Deer Valley Road     | 11.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,460                   | -- <sup>1</sup>           |
| Approximately 400 feet south of Deer Valley Road     | 9.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,950                   | -- <sup>1</sup>           |
| Approximately 2,400 feet east of Citrus Road         | 9.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,650                   | -- <sup>1</sup>           |
| Approximately 1,000 feet east of Jomax Road          | 4.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 780                     | -- <sup>1</sup>           |
| At U.S. Route 60                                     | 4.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 440                     | -- <sup>1</sup>           |
| <b>Wash 3 West</b>                                   |                              |                          |                         |                         |                           |
| Just north of the Central Arizona Project Canal      | 10.3                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,250                   | -- <sup>1</sup>           |
| Approximately 400 feet west of 243rd Avenue          | 7.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,750                   | -- <sup>1</sup>           |
| Approximately 450 feet west of 243rd Avenue          | 3.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,000                   | -- <sup>1</sup>           |
| Approximately 1,950 feet west of 243rd Avenue        | 3                            | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,600                   | -- <sup>1</sup>           |
| Approximately 6,100 feet west of 243rd Avenue        | 2.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,500                   | -- <sup>1</sup>           |
| <b>Wash 4 East</b>                                   |                              |                          |                         |                         |                           |
| Approximately 470 feet east of Jomax Road            | 4.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 670                     | -- <sup>1</sup>           |
| Approximately 1,060 feet southwest of Dale Lane      | 4.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 530                     | -- <sup>1</sup>           |
| <b>Wash 5 East</b>                                   |                              |                          |                         |                         |                           |
| At Sarival Avenue                                    | 4.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 910                     | -- <sup>1</sup>           |
| Approximately 1,430 feet west of Sarival Avenue      | 4.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 830                     | -- <sup>1</sup>           |
| Approximately 660 feet north of Jomax Road           | 4.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 880                     | -- <sup>1</sup>           |
| Approximately 1,220 feet south of Dale Lane          | 4.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 750                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                      | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash 5 East (Zone AO)</b>                                      |                              |                          |                         |                         |                           |
| At Jomax Road   | 4.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 780                     | -- <sup>1</sup>           |
| At Dale Lane  | 3.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 680                     | -- <sup>1</sup>           |
| <b>Wash 6 East</b>  |                              |                          |                         |                         |                           |
| Approximately 1,000 feet south of Jomax Road                      | 5.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 700                     | -- <sup>1</sup>           |
| At 171st Avenue   | 4.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 440                     | -- <sup>1</sup>           |
| <b>Wash 6 East South</b>  |                              |                          |                         |                         |                           |
| Approximately 0.75 mile east of Sarival Avenue                    | 8.1                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,200                   | -- <sup>1</sup>           |
| Approximately 0.75 mile east of Sarival Avenue                    | 4.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 420                     | -- <sup>1</sup>           |
| <b>Wash 7 East</b>  |                              |                          |                         |                         |                           |
| At the Central Arizona Project Canal                              | 8.8                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,930                   | -- <sup>1</sup>           |
| Approximately 400 feet west of 171st Avenue                       | 1.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,290                   | -- <sup>1</sup>           |
| <b>Wash 7 East East Split</b>                                     |                              |                          |                         |                         |                           |
| Approximately 1,300 feet south of Dale Lane                       | 2.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 410                     | -- <sup>1</sup>           |
| <b>Wash 7 East Tributary</b>                                      |                              |                          |                         |                         |                           |
| Approximately 500 feet north of the Central Arizona Project Canal | 0.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 510                     | -- <sup>1</sup>           |
| At Quail Run Road   | 0.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 140                     | -- <sup>1</sup>           |
| <b>Wash 7 East West Split</b>                                     |                              |                          |                         |                         |                           |
| At 171st Avenue   | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 280                     | -- <sup>1</sup>           |
| Just south of the Central Arizona Project Canal                   | -- <sup>2</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 410                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                     | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Wash 8 East</b>   |                                 |                                |                               |                               |                                 |
| Approximately 1,080 feet south of Jomax Road                     | 6.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,080                         | -- <sup>1</sup>                 |
| Approximately 1,720 feet west of Sarival Road                    | 6.2                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 710                           | -- <sup>1</sup>                 |
| Approximately 1,310 feet south of Dale Road                      | 3.8                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 490                           | -- <sup>1</sup>                 |
| <b>Wash 9</b>  |                                 |                                |                               |                               |                                 |
| At confluence with Verde River                                   | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 11,402                        | -- <sup>1</sup>                 |
| Approximately 9,600 feet upstream of confluence with Verde River | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 6,602                         | -- <sup>1</sup>                 |
| <b>Wash 9 East</b>   |                                 |                                |                               |                               |                                 |
| Approximately 3,800 feet east of Sarival Road                    | 4.4                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 570                           | -- <sup>1</sup>                 |
| Approximately 1,450 feet north of Jomax Road                     | 3.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 500                           | -- <sup>1</sup>                 |
| Approximately 500 feet north of Patton Road                      | 3.5                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 440                           | -- <sup>1</sup>                 |
| At Sarival Road  | 3.2                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 390                           | -- <sup>1</sup>                 |
| <b>Wash 9 East Split</b>   |                                 |                                |                               |                               |                                 |
| Approximately 1,850 feet north of Jomax Road                     | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 160                           | -- <sup>1</sup>                 |
| <b>Wash 10 East</b>  |                                 |                                |                               |                               |                                 |
| Approximately 1,680 feet west of Bullard Avenue                  | 4.42                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5702                          | -- <sup>1</sup>                 |
| At Briles Avenue   | 2.32                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2902                          | -- <sup>1</sup>                 |
| Approximately 430 feet south of Patton Road                      | 3.62                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 3702                          | -- <sup>1</sup>                 |
| Approximately 200 feet north of Peak View Road                   | 3.12                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2502                          | -- <sup>1</sup>                 |
| Approximately 980 feet north of Peak View Road                   | 2.62                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1402                          | -- <sup>1</sup>                 |
| At the Central Arizona Project Canal                             | 3.02                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 2202                          | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                       | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash 10 East Split 1</b>                        |                              |                          |                         |                         |                           |
| Approximately 320 feet north of Peak View Road     | 2.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 100                     | -- <sup>1</sup>           |
| <b>Wash 10 East Split 2</b>                        |                              |                          |                         |                         |                           |
| Approximately 1,480 feet west of Bullard Avenue    | 1.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 200                     | -- <sup>1</sup>           |
| <b>Wash 10 South</b>                               |                              |                          |                         |                         |                           |
| At confluence with Rio Verde Wash 10               | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 570                     | -- <sup>1</sup>           |
| <b>Wash 11 East</b>                                |                              |                          |                         |                         |                           |
| At the Beardsley Canal                             | 42.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,000                   | -- <sup>1</sup>           |
| Approximately 10 feet north of the Beardsley Canal | 41.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,950                   | -- <sup>1</sup>           |
| Approximately 1,440 feet south of Jomax Road       | 19.9                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,310                   | -- <sup>1</sup>           |
| At Bonita Dam                                      | 19.8                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,300                   | -- <sup>1</sup>           |
| Approximately 840 feet south of Patton Road        | 14.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,030                   | -- <sup>1</sup>           |
| Approximately 580 feet west of Reems Road          | 13.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 970                     | -- <sup>1</sup>           |
| <b>Wash 12 East</b>                                |                              |                          |                         |                         |                           |
| Approximately 780 feet south of Patton Road        | 4.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 360                     | -- <sup>1</sup>           |
| <b>Wash 12 East Split</b>                          |                              |                          |                         |                         |                           |
| At Reems Road                                      | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 70                      | -- <sup>1</sup>           |
| <b>Wash 13 East</b>                                |                              |                          |                         |                         |                           |
| Approximately 1,400 feet south of Jomax Road       | 21.6                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,830                   | -- <sup>1</sup>           |
| Approximately 2,300 feet south of Jomax Road       | 21.4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,810                   | -- <sup>1</sup>           |
| Approximately 2,350 feet east of Bullard Avenue    | 5.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 460                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                             | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash 14 East</b>                                      |                              |                          |                         |                         |                           |
| Approximately 2,350 feet east of Bullard Avenue          | 16.1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,380                   | -- <sup>1</sup>           |
| <b>Wash AG</b>   |                              |                          |                         |                         |                           |
| At Hassayampa River                                      | 0.18                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 272                     | -- <sup>1</sup>           |
| <b>Wash B</b>  |                              |                          |                         |                         |                           |
| At 112th Street  | 2.47                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,192                   | -- <sup>1</sup>           |
| Above Shea Boulevard                                     | 1.63                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,018                   | -- <sup>1</sup>           |
| Approximately 3,900 feet upstream of Via Linda           | 0.26                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 333                     | -- <sup>1</sup>           |
| <b>Wash B Tributary</b>                                  |                              |                          |                         |                         |                           |
| Approximately 1,000 feet north of confluence with Wash B | 0.69                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,066                   | -- <sup>1</sup>           |
| <b>Wash E2</b>   |                              |                          |                         |                         |                           |
| At Mockingbird Wash                                      | 1.31                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,056                   | -- <sup>1</sup>           |
| Approximately 2,120 feet upstream of Mockingbird Wash    | 0.94                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 711                     | -- <sup>1</sup>           |
| <b>Wash F</b>  |                              |                          |                         |                         |                           |
| At Wash F2   | 0.24                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 350                     | -- <sup>1</sup>           |
| <b>Wash F2</b>   |                              |                          |                         |                         |                           |
| At Wash F  | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 170                     | -- <sup>1</sup>           |
| <b>Wash G</b>  |                              |                          |                         |                         |                           |
| At U.S. Highway 60/89                                    | 0.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 528                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                            | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Wash H</b>   |                                 |                                |                               |                               |                                 |
| At Hassayampa River                                     | 1.76                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,631                         | -- <sup>1</sup>                 |
| <b>Wash I</b>   |                                 |                                |                               |                               |                                 |
| At U.S. Highway 60/89                                   | 2.27                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,795                         | -- <sup>1</sup>                 |
| Approximately 6,380 feet upstream of U.S. Highway 60/89 | 2.02                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,684                         | -- <sup>1</sup>                 |
| <b>Wash K</b>   |                                 |                                |                               |                               |                                 |
| Downstream of Wash K1                                   | 1.88                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,739                         | -- <sup>1</sup>                 |
| <b>Wash K1</b>  |                                 |                                |                               |                               |                                 |
| At Wash K   | 0.84                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 848                           | -- <sup>1</sup>                 |
| <b>Wash L</b>   |                                 |                                |                               |                               |                                 |
| At U.S. Highway 60/89                                   | 0.79                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 802                           | -- <sup>1</sup>                 |
| <b>Wash O</b>   |                                 |                                |                               |                               |                                 |
| At U.S. Highway 60/89                                   | 2.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,995                         | -- <sup>1</sup>                 |
| <b>Wash P</b>   |                                 |                                |                               |                               |                                 |
| At Hassayampa River                                     | 0.87                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 898                           | -- <sup>1</sup>                 |
| <b>Wash Q</b>   |                                 |                                |                               |                               |                                 |
| At Hassayampa River                                     | 0.37                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 584                           | -- <sup>1</sup>                 |
| <b>Wash S2</b>  |                                 |                                |                               |                               |                                 |
| At Little San Domingo Wash                              | 0.32                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 420                           | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION  | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Wash T2N-R5W-S27N</b>  |                                 |                                |                               |                               |                                 |
| Approximately 1,200 feet downstream of the Tonopah Salome Highway     | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,941                         | -- <sup>1</sup>                 |
| Approximately 1,900 feet downstream of Indian School Road             | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,002                         | -- <sup>1</sup>                 |
| Approximately 1.946 miles upstream of the Hassayampa River confluence | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,456                         | -- <sup>1</sup>                 |
| Approximately 2.952 miles upstream of the Hassayampa River confluence | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,167                         | -- <sup>1</sup>                 |
| Approximately 3.026 miles upstream of the Hassayampa River confluence | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,438                         | -- <sup>1</sup>                 |
| Approximately 3.120 miles upstream of the Hassayampa River confluence | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 4,160                         | -- <sup>1</sup>                 |
| Approximately 3.203 miles upstream of the Hassayampa River confluence | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,363                         | -- <sup>1</sup>                 |
| Just downstream of the divergence from Jackrabbit Wash                | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 3,897                         | -- <sup>1</sup>                 |
| Just upstream of the divergence from Jackrabbit Wash                  | -- <sup>1</sup>                 | -- <sup>1</sup>                | -- <sup>1</sup>               | 326                           | -- <sup>1</sup>                 |
| <b>Wash T4N-R2W-S9N</b>   |                                 |                                |                               |                               |                                 |
| At confluence with Wash T4N-R2W-S15N                                  | 1.27                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,156                         | -- <sup>1</sup>                 |
| <b>Wash T4N-R2W-S15N</b>  |                                 |                                |                               |                               |                                 |
| At confluence with West Wash 1  | 2.36                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,156                         | -- <sup>1</sup>                 |
| <b>Wash T4N-R3W-S07W</b>  |                                 |                                |                               |                               |                                 |
| At the downstream limit of detailed study                             | 0.47                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 390                           | -- <sup>1</sup>                 |
| <b>Wash T4N-R3W-S08E</b>  |                                 |                                |                               |                               |                                 |
| Approximately 450 feet west of 243rd Avenue                           | 3.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,100                         | -- <sup>1</sup>                 |
| Approximately 630 feet west of 255th Avenue                           | 1.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,500                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                           | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash T4N-R3W-S08E (continued)</b>                   |                              |                          |                         |                         |                           |
| Approximately 900 feet west of 255th Avenue            | 0.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 430                     | -- <sup>1</sup>           |
| <b>Wash T4N-R3W-S08W</b>                               |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study              | 1.29                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,030                   | -- <sup>1</sup>           |
| At the upstream limit of detailed study                | 0.81                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 880                     | -- <sup>1</sup>           |
| <b>Wash T4N-R3W-S09W</b>                               |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study              | 2.14                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 850                     | -- <sup>1</sup>           |
| <b>Wash T4N-R3W-S10N</b>                               |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study              | 1.02                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 930                     | -- <sup>1</sup>           |
| <b>Wash T4N-R3W-S10W</b>                               |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study              | 0.99                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,200                   | -- <sup>1</sup>           |
| <b>Wash T4N-R3W-S17</b>                                |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study              | 1.92                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,600                   | -- <sup>1</sup>           |
| At the upstream limit of detailed study                | 0.51                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 430                     | -- <sup>1</sup>           |
| <b>Wash T4N-R3W-S18E</b>                               |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study              | 1.73                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,190                   | -- <sup>1</sup>           |
| Approximately 0.5 mile downstream of Happy Valley Road | 1.35                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 930                     | -- <sup>1</sup>           |
| Approximately 500 feet upstream of Happy Valley Road   | 0.94                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 650                     | -- <sup>1</sup>           |
| Approximately 1,000 feet upstream of Jomax Road        | 0.65                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 450                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study                | 0.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 120                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                          | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|---|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|   |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash T4N-R3W-S18W</b>                              |                              |                          |                         |                         |                           |
| At the downstream limit of detailed study             | 4.86                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,140                   | -- <sup>1</sup>           |
| Approximately 0.5 mile upstream of 251st Avenue       | 1.17                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 810                     | -- <sup>1</sup>           |
| Approximately 0.5 mile upstream of Pinnacle Peak Road | 0.7                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 480                     | -- <sup>1</sup>           |
| At the upstream limit of detailed study               | 0.36                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 250                     | -- <sup>1</sup>           |
| <b>Wash T5N-R2W-S07</b>                               |                              |                          |                         |                         |                           |
| Approximately 2,450 feet west of 211 Avenue           | 5.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,370                   | -- <sup>1</sup>           |
| At 211th Avenue                                       | 4.0                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,390                   | -- <sup>1</sup>           |
| Approximately 2,600 feet west of 211 Avenue           | 1.4                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 660                     | -- <sup>1</sup>           |
| <b>Wash T5N-R2W-S11</b>                               |                              |                          |                         |                         |                           |
| Approximately 900 feet west of 171st Avenue           | 4.0                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,700                   | -- <sup>1</sup>           |
| <b>Wash T5N-R2W-S14N</b>                              |                              |                          |                         |                         |                           |
| Approximately 880 feet north of Dove Valley Road      | 6.3                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,590                   | -- <sup>1</sup>           |
| Approximately 1,150 feet west of 171st Avenue         | 5.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,930                   | -- <sup>1</sup>           |
| Approximately 2,080 feet west of 171st Avenue         | 0.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 610                     | -- <sup>1</sup>           |
| <b>Wash T5N-R2W-S14S</b>                              |                              |                          |                         |                         |                           |
| Approximately 450 feet west of 171st Avenue           | 1.73                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,300                   | -- <sup>1</sup>           |
| <b>Wash T5N-R2W-S14W</b>                              |                              |                          |                         |                         |                           |
| Approximately 400 feet west of 171st Avenue           | 5.5                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,040                   | -- <sup>1</sup>           |
| Approximately 1,150 feet west of 171st Avenue         | 4.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,680                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                       | DRAINAGE AREA (Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|---------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                           | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash T5N-R2W-S19E</b>                           |                           |                          |                         |                         |                           |
| Just north of U.S. Route 60                        | 4.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,380                   | -- <sup>1</sup>           |
| Approximately 1,480 feet north of U.S. Route 60    | 2.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,660                   | -- <sup>1</sup>           |
| Approximately 1,200 feet west of 203rd Avenue      | 1.9                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,490                   | -- <sup>1</sup>           |
| Approximately 1,250 feet south of Dove Valley Road | 0.1                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 270                     | -- <sup>1</sup>           |
| <b>Wash T5N-R2W-S19W</b>                           |                           |                          |                         |                         |                           |
| Approximately 420 feet south of Dove Valley Road   | 16.7                      | -- <sup>1</sup>          | -- <sup>1</sup>         | 5,620                   | -- <sup>1</sup>           |
| Approximately 2,600 feet north of U.S. Route 60    | 9.8                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,250                   | -- <sup>1</sup>           |
| Just north of Dove Valley Road                     | 7.6                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,740                   | -- <sup>1</sup>           |
| Approximately 830 feet west of 211th Avenue        | 4.7                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,380                   | -- <sup>1</sup>           |
| Just north of U.S. Route 60                        | 3.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,790                   | -- <sup>1</sup>           |
| Approximately 830 feet west of 211th Avenue        | 0.7                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 800                     | -- <sup>1</sup>           |
| <b>Wash T5N-R3W-S01S</b>                           |                           |                          |                         |                         |                           |
| Approximately 2,570 feet west of 211th Avenue      | 5.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,240                   | -- <sup>1</sup>           |
| <b>Wash T5N-R3W-S07</b>                            |                           |                          |                         |                         |                           |
| Approximately 2,450 feet west of 211th Avenue      | 5.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,370                   | -- <sup>1</sup>           |
| At 211th Avenue                                    | 4                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,390                   | -- <sup>1</sup>           |
| Approximately 2,600 feet west of 211th Avenue      | 1.4                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 660                     | -- <sup>1</sup>           |
| <b>Wash T5N-R3W-S19</b>                            |                           |                          |                         |                         |                           |
| Approximately 1,900 feet west of 255th Avenue      | 0.8                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 660                     | -- <sup>1</sup>           |
| <b>Wash T5N-R3W-S24E</b>                           |                           |                          |                         |                         |                           |
| Approximately 400 feet west of 211th Avenue        | 5.2                       | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,660                   | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                             | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Wash T5N-R3W-S24E (continued)</b>                     |                              |                          |                         |                         |                           |
| Approximately 2,100 feet north of Dove Valley Road       | 0.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 510                     | -- <sup>1</sup>           |
| <b>Waterfall Wash</b>                                    |                              |                          |                         |                         |                           |
| At the confluence with Beardsley Canal Wash              | 4.86                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,245                   | -- <sup>1</sup>           |
| <b>Waterman Wash</b>                                     |                              |                          |                         |                         |                           |
| At confluence with the Gila River                        | 422                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 33,600                  | -- <sup>1</sup>           |
| Approximately 9,000 feet upstream of Rainbow Valley Road | 337                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 27,300                  | -- <sup>1</sup>           |
| At confluence with the West Prong of Waterman Wash       | 246                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 22,850                  | -- <sup>1</sup>           |
| <b>West Fork White Peak Wash</b>                         |                              |                          |                         |                         |                           |
| At confluence with White Peak Wash                       | 0.28                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 294                     | -- <sup>1</sup>           |
| Immediately downstream from CAP Canal                    | 0.15                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 90                      | -- <sup>1</sup>           |
| <b>West Garambullo Wash</b>                              |                              |                          |                         |                         |                           |
| At confluence with Garambullo Wash                       | 0.62                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 483                     | 1                         |
| Immediately downstream from CAP Canal                    | 0.12                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 94                      | 1                         |
| <b>West Quilotosa Wash</b>                               |                              |                          |                         |                         |                           |
| Confluence with Quilotosa Wash and I-8 Wash West at I-8  | 131.2                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 15,200                  | -- <sup>1</sup>           |
| Upstream of confluence with Quilotosa Wash               | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,600                  | -- <sup>1</sup>           |
| Diversion/split to Saucedo Wash at Gila Bend Canal       | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 4,300                   | -- <sup>1</sup>           |
| Upstream of diversion to Saucedo Wash                    | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 10,700                  | -- <sup>1</sup>           |
| <b>West Split Flow Through El Mirage</b>                 |                              |                          |                         |                         |                           |
| At Grand Avenue  | -- <sup>2</sup>              | -- <sup>2</sup>          | -- <sup>2</sup>         | 577                     | -- <sup>2</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION   | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>White Granite Wash</b>  |                              |                          |                         |                         |                           |
| At the retention basin on Caterpillar Proving Grounds  | 3.46                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,933                   | -- <sup>1</sup>           |
| Approximately 0.80 mile upstream of the confluence with White Granite Wash North Fork (interpolated discharge from White Tanks/Agua Fria ADMS HEC-1 run) | 0.39                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 344                     | -- <sup>1</sup>           |
| <b>White Granite Wash North Fork</b>   |                              |                          |                         |                         |                           |
| Approximately 528 feet upstream of the confluence with White Granite Wash  | 1.6                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,353                   | -- <sup>1</sup>           |
| <b>White Peak Wash</b>   |                              |                          |                         |                         |                           |
| At confluence with Twin Buttes Wash  | 1.59                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 721                     | -- <sup>1</sup>           |
| Upstream of confluence with West Fork White Peak Wash  | 0.69                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 395                     | -- <sup>1</sup>           |
| Immediately downstream from CAP Canal  | 0.38                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 97                      | -- <sup>1</sup>           |
| <b>White Tanks Wash</b>  |                              |                          |                         |                         |                           |
| At Buckeye Flood Retarding Structure Number 1  | 29.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 7,209                   | -- <sup>1</sup>           |
| Just upstream of White Tanks Wash Tributary 2  | 17.1                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,256                   | -- <sup>1</sup>           |
| Just downstream of White Tanks Wash Tributary 1  | 13.83                        | -- <sup>1</sup>          | -- <sup>1</sup>         | 6,208                   | -- <sup>1</sup>           |
| <b>White Tanks Wash No. 3</b>  |                              |                          |                         |                         |                           |
| At White Tanks Structure #3  | 2.86                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 1,743                   | -- <sup>1</sup>           |
| <b>White Tanks Wash Tributary 1</b>  |                              |                          |                         |                         |                           |
| At White Tanks Wash  | 1.42                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 818                     | -- <sup>1</sup>           |
| At Sun Valley Parkway  | 1.06                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 603                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                 | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Willow Springs Wash</b>                                   |                              |                          |                         |                         |                           |
| Upstream of confluence with Cave Creek                       | 5                            | 3,740                    | 5,570                   | 6,240                   | 8,250                     |
| Approximately 0.8 mile above confluence with Cave Creek      | 3.1                          | 2,920                    | 4,300                   | 4,800                   | 6,220                     |
| At River Mile 1.78 Cave Creek                                | 2.76                         | 2,652                    | 4,004                   | 4,682                   | 5,877                     |
| Upstream of confluence with Willow Springs Wash Tributary 2  | 1.64                         | 1,835                    | 2,746                   | 3,193                   | 3,978                     |
| Upstream of confluence with Willow Springs Wash Tributary 4  | 1.41                         | 1,698                    | 2,528                   | 2,932                   | 3,640                     |
| At River Mile 3.81 below CP 16                               | 0.88                         | 1,189                    | 1,755                   | 2,027                   | 2,502                     |
| At River Mile 4.31 above confluence with Minor Tributary     | 0.32                         | 420                      | 626                     | 724                     | 897                       |
| At River Mile 4.95 above confluence with Minor Tributary     | 0.16                         | 210                      | 313                     | 362                     | 449                       |
| <b>Willow Springs Wash Tributary 1</b>                       |                              |                          |                         |                         |                           |
| Upstream of confluence with Willow Springs Wash              | 1.65                         | 816                      | 1,226                   | 1,438                   | 1,822                     |
| At River Mile 0.98 above confluence with Minor Tributary     | 1.31                         | 604                      | 908                     | 1,065                   | 1,385                     |
| Upstream of confluence with Willow Springs Wash Tributary 1A | 0.56                         | 358                      | 537                     | 629                     | 794                       |
| At River Mile 2.82   | 0.25                         | 163                      | 244                     | 286                     | 360                       |
| <b>Willow Springs Wash Tributary 1A</b>                      |                              |                          |                         |                         |                           |
| Upstream of confluence with Willow Springs Wash Tributary 1  | 0.27                         | 192                      | 290                     | 341                     | 431                       |
| <b>Willow Springs Wash Tributary 2</b>                       |                              |                          |                         |                         |                           |
| Upstream of confluence with Willow Springs Wash              | 0.72                         | 856                      | 1,275                   | 1,492                   | 1,866                     |
| Upstream of confluence with Willow Springs Wash Tributary 2A | 0.43                         | 511                      | 762                     | 891                     | 1,114                     |
| At River Mile 1.31 above confluence with Minor Tributary     | 0.22                         | 256                      | 381                     | 446                     | 557                       |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                 | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|--|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|  |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Willow Springs Wash Tributary 2A</b>                      |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Willow Springs Wash Tributary 2  | 0.29                            | 345                            | 514                           | 601                           | 752                             |
| At River Mile 0.52 above confluence with Minor Tributary     | 0.19                            | 231                            | 344                           | 403                           | 504                             |
| <b>Willow Springs Wash Tributary 4</b>                       |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Willow Springs Wash              | 0.23                            | 180                            | 271                           | 318                           | 402                             |
| At River Mile 0.52   | 0.16                            | 124                            | 186                           | 219                           | 271                             |
| At River Mile 0.98   | 0.1                             | 75                             | 113                           | 133                           | 168                             |
| <b>Willow Springs Wash Tributary 5</b>                       |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Willow Springs Wash              | 0.89                            | 352                            | 536                           | 631                           | 804                             |
| Upstream of confluence with Willow Springs Wash Tributary 5A | 0.42                            | 236                            | 359                           | 423                           | 539                             |
| <b>Willow Springs Wash Tributary 5A</b>                      |                                 |                                |                               |                               |                                 |
| Upstream of confluence with Willow Springs Wash Tributary 5  | 0.2                             | 81                             | 123                           | 145                           | 185                             |
| <b>Willow Springs Wash Tributary 6</b>                       |                                 |                                |                               |                               |                                 |
| At the confluence with Willow Springs Wash Tributary 1       | 0.49                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,182                         | -- <sup>1</sup>                 |
| At the confluence with Willow Springs Wash Tributary 6C      | 0.41                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 1,017                         | -- <sup>1</sup>                 |
| At the confluence with Willow Springs Wash Tributary 6B      | 0.22                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 606                           | -- <sup>1</sup>                 |
| At the confluence with Willow Springs Wash Tributary 6A      | 0.19                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 548                           | -- <sup>1</sup>                 |
| <b>Willow Springs Wash Tributary 6A</b>                      |                                 |                                |                               |                               |                                 |
| At the confluence with Willow Springs Wash Tributary 6       | 0.02                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 60                            | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                                     | DRAINAGE AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)    |                         |                         |                           |
|--|------------------------------|--------------------------|-------------------------|-------------------------|---------------------------|
|  |                              | 10-PERCENT ANNUAL CHANCE | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Willow Springs Wash Tributary 6B</b>                          |                              |                          |                         |                         |                           |
| At the confluence with Willow Springs Wash Tributary 6           | 0.04                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 50                      | -- <sup>1</sup>           |
| <b>Willow Springs Wash Tributary 6C</b>                          |                              |                          |                         |                         |                           |
| At the confluence with Willow Springs Wash Tributary 6           | 0.03                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 77                      | -- <sup>1</sup>           |
| <b>Windmill Wash</b>   |                              |                          |                         |                         |                           |
| Approximately 400 feet upstream of Stage Coach Pass              | 0.04                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 338                     | -- <sup>1</sup>           |
| <b>Windmill Wash North Branch</b>                                |                              |                          |                         |                         |                           |
| Approximately 6,500 feet upstream of Stage Coach Pass            | 0.08                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 131                     | -- <sup>1</sup>           |
| <b>Windmill Wash South Branch</b>                                |                              |                          |                         |                         |                           |
| Approximately 200 feet upstream of confluence with Windmill Wash | 0.08                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 131                     | -- <sup>1</sup>           |
| <b>Wittmann Wash</b>   |                              |                          |                         |                         |                           |
| Just north of the Central Arizona Project Canal                  | 12.5                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,800                   | -- <sup>1</sup>           |
| Approximately 810 feet south of Dixileta Drive                   | 11.8                         | -- <sup>1</sup>          | -- <sup>1</sup>         | 3,070                   | -- <sup>1</sup>           |
| Approximately 810 feet south of Dixileta Drive                   | 6.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,280                   | -- <sup>1</sup>           |
| Approximately 1 mile west of 211th Avenue                        | 1.2                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 640                     | -- <sup>1</sup>           |
| <b>Wittmann Wash North Split</b>                                 |                              |                          |                         |                         |                           |
| Just north of U.S. Route 60, along Center Street                 | -- <sup>1</sup>              | -- <sup>1</sup>          | -- <sup>1</sup>         | 2,130                   | -- <sup>1</sup>           |
| <b>Wittmann Wash South Split</b>                                 |                              |                          |                         |                         |                           |
| Just north of the Central Arizona Project Canal                  | 0.9                          | -- <sup>1</sup>          | -- <sup>1</sup>         | 420                     | -- <sup>1</sup>           |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 3. Summary of Discharges

| FLOODING SOURCE AND LOCATION                    | DRAINAGE<br>AREA<br>(Sq. Miles) | PEAK DISCHARGES (cfs)          |                               |                               |                                 |
|---|---------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|
|   |                                 | 10-PERCENT<br>ANNUAL<br>CHANCE | 2-PERCENT<br>ANNUAL<br>CHANCE | 1-PERCENT<br>ANNUAL<br>CHANCE | 0.2-PERCENT<br>ANNUAL<br>CHANCE |
| <b>Wittman Wash Tributary</b>                   |                                 |                                |                               |                               |                                 |
| Approximately 2,450 feet north of U.S. Route 60 | 0.8                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 460                           | -- <sup>1</sup>                 |
| Approximately 3,750 feet west of 211th Avenue   | 0.6                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 350                           | -- <sup>1</sup>                 |
| <b>Yucca Flat Wash</b>                          |                                 |                                |                               |                               |                                 |
| At Twin Peaks Wash                              | 6.48                            | -- <sup>1</sup>                | -- <sup>1</sup>               | 5,152                         | -- <sup>1</sup>                 |
| At limit of detailed study                      | 1.9                             | -- <sup>1</sup>                | -- <sup>1</sup>               | 2,085                         | -- <sup>1</sup>                 |

--<sup>1</sup> Data Not Computed

--<sup>2</sup> Data Not Available

Table 4. Summary of Stillwater Elevations

| FLOODING SOURCE AND LOCATION        | ELEVATIONS (Feet NAVD <sup>1</sup> ) |                         |                         |                           |
|-------------------------------------|--------------------------------------|-------------------------|-------------------------|---------------------------|
|                                     | 10-PERCENT ANNUAL CHANCE             | 2-PERCENT ANNUAL CHANCE | 1-PERCENT ANNUAL CHANCE | 0.2-PERCENT ANNUAL CHANCE |
| <b>Highline Lateral</b>             |                                      |                         |                         |                           |
| North Watershed West of Priest Road | -- <sup>1</sup>                      | -- <sup>2</sup>         | 1,226.1                 | -- <sup>2</sup>           |
| NE Watershed at West Baseline Road  | -- <sup>1</sup>                      | -- <sup>2</sup>         | 1,225.0                 | -- <sup>2</sup>           |
| Central Watershed at Guadalupe Road | -- <sup>1</sup>                      | -- <sup>2</sup>         | 1,225.0                 | -- <sup>2</sup>           |
| South Watershed at West Divot Drive | -- <sup>1</sup>                      | -- <sup>2</sup>         | 1,226.2                 | -- <sup>2</sup>           |
| <b>Ken McDonald Golf Course</b>     |                                      |                         |                         |                           |
| Storm Runoff Pond                   | -- <sup>1</sup>                      | -- <sup>2</sup>         | 1,180.8                 | -- <sup>2</sup>           |
| <b>Sunny Cove Dam</b>               |                                      |                         |                         |                           |
|                                     | -- <sup>1</sup>                      | -- <sup>1</sup>         | 2166.4                  | -- <sup>2</sup>           |
| <b>Sunset Dam</b>                   |                                      |                         |                         |                           |
|                                     | -- <sup>1</sup>                      | -- <sup>1</sup>         | 2130.8                  | -- <sup>2</sup>           |

<sup>1</sup>North American Vertical Datum of 1988

<sup>2</sup>Data Not Available