

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 3 OF 7



YAVAPAI COUNTY, ARIZONA AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
CAMP VERDE, TOWN OF	040131
CHINO VALLEY, TOWN OF	040094
CLARKDALE, TOWN OF	040095
COTTONWOOD, CITY OF	040096
DEWEY- HUMBOLDT, TOWN OF	040061
JEROME, TOWN OF*	040138
PRESCOTT, CITY OF	040098
PRESCOTT VALLEY, TOWN OF	040121
SEDONA, CITY OF	040130
WICKENBURG, TOWN OF	040056
YAVAPAI COUNTY, UNINCORPORATED AREAS	040093

*No Special Flood Hazard Areas Identified



FEMA

PRELIMINARY
01/29/2016

REVISED:
MONTH DAY, YEAR

FLOOD INSURANCE STUDY NUMBER
04025CV003F Version Number 2.3.3.2

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Published Separately

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Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	451	69	84	6.2	3,636.4	3,636.4	3,636.8	0.4
B	1,042	52	72	6.7	3,643.7	3,643.7	3,643.7	0.0
C	1,829	39	70	6.5	3,657.4	3,657.4	3,657.6	0.2
D	2,160	100	173	2.5	3,661.7	3,661.7	3,662.2	0.5
E	2,612	66	71	5.3	3,669.9	3,669.9	3,670.6	0.7
F	3,262	71	62	5.3	3,680.4	3,680.4	3,680.5	0.1
G	3,652	71	61	5.3	3,687.2	3,687.2	3,687.3	0.1
H	4,261	27	44	5.7	3,695.8	3,695.8	3,696.2	0.4
I	5,048	59	51	4.9	3,708.7	3,708.7	3,708.7	0.0
J	5,740	44	38	5.3	3,724.3	3,724.3	3,724.4	0.1

¹Stream distance in feet above the confluence with Red Rock Wash

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: PRICKLY PEAR WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0	40	73	7.8	3,302.2	3,302.2	3,303.0	0.8
B	398	50	81	7.0	3,308.8	3,308.8	3,309.4	0.6
C	636	17	73	7.8	3,313.1	3,313.1	3,313.1	0.0
D	721	27	75	7.6	3,313.8	3,313.8	3,313.8	0.0
E	1,093	26	64	8.9	3,318.2	3,318.2	3,318.2	0.0
F	1,498	28	66	8.6	3,324.4	3,324.4	3,324.4	0.0
G	1,770	42	265	2.2	3,335.7	3,335.7	3,336.3	0.6
H	2,003	55	115	5.0	3,335.9	3,335.9	3,336.3	0.4
I	2,241	33	71	8.1	3,340.6	3,340.6	3,340.6	0.0
J	2,521	80	281	2.0	3,354.1	3,354.1	3,354.9	0.8
K	2,661	40	71	5.0	3,354.8	3,354.8	3,355.0	0.2
L	3,153	29	50	7.1	3,369.9	3,369.9	3,370.1	0.2
M	3,443	21	43	8.2	3,376.2	3,376.2	3,376.2	0.0
N	3,668	52	173	2.0	3,383.2	3,383.2	3,384.2	1.0
O	3,788	55	63	5.5	3,384.8	3,384.8	3,384.8	0.0
P	4,168	54	57	6.0	3,395.0	3,395.0	3,395.0	0.0
Q	4,814	55	65	5.3	3,409.0	3,409.0	3,410.0	1.0
R	5,179	75	69	5.0	3,418.2	3,418.2	3,418.3	0.1
S	5,717	115	130	2.7	3,430.0	3,430.0	3,430.5	0.5
T	6,322	38	59	5.8	3,441.8	3,441.8	3,442.0	0.2

¹Feet above confluence with Cottonwood Ditch

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: RAILROAD WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Railroad Wash								
U	6,704 ¹	25	72	4.8	3,449.6	3,449.6	3,450.3	0.7
V	7,259 ¹	16	13	5.1	3,459.9	3,459.9	3,459.9	0.0
W	7,624 ¹	17	19	3.5	3,468.1	3,468.1	3,468.1	0.0
X	7,959 ¹	25	15	4.4	3,477.3	3,477.3	3,477.3	0.0
Ramsgate Wash								
A	1,200 ²	493	1,318	6.6	4,241.8	4,241.8	4,242.7	0.9
B	1,770 ²	170	803	10.8	4,250.1	4,250.1	4,250.1	0.0
C	2,478 ²	307	777	8.3	4,257.7	4,257.7	4,257.7	0.0
D	2,727 ²	300	1,769	3.7	4,265.6	4,265.6	4,265.8	0.2
E	3,517 ²	160	710	9.1	4,270.8	4,270.8	4,271.5	0.7
F	4,762 ²	611	768	7.6	4,286.6	4,286.6	4,287.6	1.0
G	5,497 ²	316	711	8.2	4,294.4	4,294.4	4,295.3	0.9
H	6,067 ²	346	776	7.5	4,303.4	4,303.4	4,304.4	1.0
I	6,737 ²	284	708	8.3	4,313.7	4,313.7	4,314.6	0.9
J	7,067 ²	83	583	10.0	4,322.0	4,322.0	4,322.0	0.0

¹Feet above confluence with Cottonwood Ditch

²Feet above confluence with Skull Valley Wash

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RAILROAD WASH – RAMSGATE WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Red Rock Wash								
M	8,704 ¹	37	126	8.0	3,605.3	3,605.3	3,605.8	0.5
N	9,268 ¹	39	114	8.4	3,619.3	3,619.3	3,619.4	0.1
O	9,951 ¹	85	134	6.2	3,630.8	3,630.8	3,630.8	0.0
P	10,269 ¹	68	83	6.2	3,636.2	3,636.2	3,636.5	0.3
Q	10,860 ¹	43	122	4.3	3,645.3	3,645.3	3,645.4	0.1
R	11,452 ¹	33	65	7.9	3,649.9	3,649.9	3,649.9	0.0
S	11,855 ¹	31	99	5.1	3,656.1	3,656.1	3,656.9	0.8
T	12,133 ¹	55	198	2.6	3,660.0	3,660.0	3,660.7	0.7
Rio Mesa Wash								
A	0 ²	36	116	5.6	3,302.9	3,302.9	3,302.9	0.0
B	682 ²	65	370	1.8	3,327.4	3,327.4	3,327.4	0.0
C	1,064 ²	31	110	5.9	3,333.3	3,333.3	3,333.5	0.2
D	1,372 ²	22	101	7.7	3,341.2	3,341.2	3,341.3	0.1
E	1,512 ²	17	87	7.5	3,347.3	3,347.3	3,347.6	0.3
F	1,894 ²	54	176	3.7	3,353.2	3,353.2	3,354.0	0.8
G	2,401 ²	23	97	6.7	3,364.2	3,364.2	3,364.4	0.2
H	2,564 ²	36	260	2.5	3,375.5	3,375.5	3,375.8	0.3
I	2,829 ²	45	160	4.1	3,376.4	3,376.4	3,377.2	0.8
J	3,149 ²	27	70	9.3	3,382.7	3,382.7	3,382.8	0.1

¹Stream distance in feet above the confluence with Agua Fria River

²Stream distance in feet above limit of detailed study

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA FLOODING SOURCE: RED ROCK WASH – RIO MESA WASH
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Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
K	3,345	33	124	5.2	3,388.6	3,388.6	3,388.6	0.0
L	3,507	35	185	3.6	3,394.2	3,394.2	3,394.3	0.1
M	3,698	45	193	3.4	3,394.9	3,394.9	3,395.0	0.1
N	3,911	27	97	6.7	3,397.7	3,397.7	3,397.8	0.1
O	4,087	70	354	1.8	3,407.8	3,407.8	3,407.9	0.1
P	4,493	290	3,943	0.2	3,438.6	3,438.6	3,438.6	0.0
Q	4,878	275	2,194	0.4	3,438.6	3,438.6	3,438.6	0.0
R	5,199	64	444	1.8	3,438.6	3,438.6	3,438.6	0.0
S	5,873	56	136	5.7	3,450.6	3,450.6	3,451.6	1.0
T	6,374	28	116	6.7	3,465.5	3,465.5	3,466.1	0.6
U	6,777	25	106	7.3	3,477.7	3,477.7	3,478.7	1.0
V	7,145	35	92	8.4	3,493.0	3,493.0	3,493.3	0.3

¹Stream distance in feet above limit of detailed study

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: RIO MESA WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Robert Wash								
A	2,128 ¹	140	726	2.2	4,398.2	4,398.2	4,398.2	0.0
B	2,640 ¹	115	218	7.5	4,400.3	4,400.3	4,401.1	0.8
Russell Wash								
A	1,108 ²	84 ⁴	346	13.2	3,401.0	3,401.0	3,401.5	0.5
B	1,901 ²	91 ⁴	509	11.5	3,415.4	3,415.4	3,415.6	0.2
C	2,370 ²	90	597	13.6	3,420.4	3,420.4	3,421.4	1.0
D	2,897 ²	77	541	15.0	3,427.1	3,427.1	3,427.1	0.0
E	3,425 ²	85	758	10.7	3,434.5	3,434.5	3,434.5	0.0
F	4,219 ²	142	694	11.7	3,443.0	3,443.0	3,443.0	0.0
G	4,781 ²	263	2,513	4.8	3,451.3	3,451.3	3,451.3	0.0
H	4,924 ²	142	1,014	11.8	3,468.5	3,468.5	3,468.8	0.3
Russell Wash - Left Split								
A	2,335 ³	622 ⁵	793	5.1	3,401.7	3,401.7	3,402.0	0.3
B	3,155 ³	271 ⁵	610	3.7	3,415.9	3,415.9	3,416.6	0.7

¹Feet above confluence with Green Wash

²Feet above confluence with Wet Beaver Creek (along profile baseline)

³Feet above confluence with Russell Wash (along profile baseline)

⁴Width excludes width from Russell Wash-Left Split

⁵Width excludes width from Russell Wash

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA FLOODING SOURCE: ROBERT WASH – RUSSELL WASH – RUSSELL WASH-LEFT SPLIT
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Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0 ¹	2,000	26,772	1.6	4,364.5	4,364.5	4,364.5	0.0
B	2,435 ¹	870	3,087	6.4	4,364.6	4,364.6	4,364.6	0.0
C	4,336 ¹	720	5,984	3.3	4,379.2	4,379.2	4,379.2	0.0
D	6,416 ¹	1,110	2,381	8.3	4,384.1	4,384.1	4,384.1	0.0
E	8,516 ¹	650	2,399	8.3	4,398.5	4,398.5	4,398.7	0.2
F	10,836 ¹	184	941	12.7	4,418.6	4,418.6	4,418.6	0.0
G	12,841 ¹	495	3,129	3.8	4,431.7	4,431.7	4,431.7	0.0
H	15,031 ¹	420	2,169	5.5	4,446.3	4,446.3	4,446.3	0.0
I	17,381 ¹	330	2,033	5.9	4,457.4	4,457.4	4,457.5	0.1
J	19,706 ¹	615	1,969	6.1	4,464.0	4,464.0	4,464.1	0.1
K	21,881 ¹	235	1,079	11.1	4,475.2	4,475.2	4,475.2	0.0
L	23,971 ¹	560	1,765	6.8	4,488.3	4,488.3	4,488.3	0.0
M	1,070 ²	475	1,505	8.0	4,500.1	4,500.1	4,500.1	0.0
N	4,070 ²	325	1,264	9.5	4,522.3	4,522.3	4,522.7	0.4
O	7,070 ²	545	1,272	8.7	4,543.8	4,543.8	4,544.2	0.4
P	10,070 ²	370	1,863	5.9	4,566.2	4,566.2	4,566.8	0.6
Q	13,070 ²	250	1,107	8.3	4,586.4	4,586.4	4,586.7	0.3
R	16,070 ²	340	897	7.1	4,609.9	4,609.9	4,609.9	0.0
S	19,214 ²	106	656	8.2	4,644.9	4,644.9	4,644.9	0.0

¹Feet approximately 890 feet upstream of confluence with Big Chino Wash along profile baseline

²Feet above Road 5 North

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SANTA CRUZ WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
T	22,061	108	551	9.3	4,668.1	4,668.1	4,668.1	0.0
U	25,150	280	740	6.9	4,704.5	4,704.5	4,704.5	0.0
V	28,120	328	855	4.8	4,735.4	4,735.4	4,735.4	0.0
W	31,170	140	533	7.7	4,762.3	4,762.3	4,762.5	0.2
X	34,170	71	221	10.0	4,792.2	4,792.2	4,792.3	0.1

¹Feet above Road 5 North

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	YAVAPAI COUNTY, AZ	
	AND INCORPORATED AREAS	
FLOODING SOURCE: SANTA CRUZ WASH		

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ²	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
M ¹	7,705	115	458	10.1	3,467.6	3,467.6	3,467.6	0.0
N	8,232	73	386	12.0	3,487.0	3,487.0	3,487.0	0.0
O	8,682	65	352	13.2	3,500.7	3,500.7	3,500.7	0.0
P	9,210	60	343	13.5	3,513.2	3,513.2	3,513.2	0.0
Q	9,599	138	451	10.3	3,527.0	3,527.0	3,527.7	0.7
R	10,105	220	536	8.6	3,542.5	3,542.5	3,543.4	0.9
S	10,660	242	529	8.8	3,557.5	3,557.5	3,558.4	0.9
T	11,134	453	656	7.1	3,570.9	3,570.9	3,571.9	1.0
U	11,707	448	742	6.2	3,588.0	3,588.0	3,589.0	1.0
V	12,005	205	556	8.3	3,598.5	3,598.5	3,598.8	0.3
W	12,350	170	510	9.1	3,607.9	3,607.9	3,607.9	0.0

¹Cross sections downstream of M were removed due to new approximate study (Verde River PMR)

²Feet above confluence with Verde River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SILVER SPRINGS GULCH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,000	931	4,528	7.0	3,891.0	3,891.0	3,892.0	1.0
B	3,969	526	3,241	9.7	3,898.9	3,898.9	3,899.9	1.0
C	4,725	850	4,974	6.3	3,905.4	3,905.4	3,905.6	0.2
D	5,015	880	4,806	6.6	3,905.9	3,905.9	3,906.7	0.8
E	5,893	900	3,599	8.8	3,910.7	3,910.7	3,911.4	0.7
F	7,145	506	3,835	8.2	3,923.6	3,923.6	3,924.5	0.9
G	8,049	800	3,955	8.0	3,928.5	3,928.5	3,929.3	0.8
H	9,326	570	4,194	7.5	3,939.2	3,939.2	3,940.1	0.9
I	10,801	484	3,083	10.2	3,948.0	3,948.0	3,949.0	1.0
J	11,951	280	2,317	13.6	3,961.1	3,961.1	3,961.6	0.5
K	12,202	490	4,352	7.2	3,967.6	3,967.6	3,968.5	0.9

¹Feet above confluence with Kirkland Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	YAVAPAI COUNTY, AZ	
	AND INCORPORATED AREAS	FLOODING SOURCE: SKULL VALLEY WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	39,855	300	2,455	4.2	2,361.5	2,361.5	2,361.5	0.0
B	40,355	275	1,975	5.3	2,361.8	2,361.8	2,361.8	0.0
C	40,855	176	860	12.1	2,362.0	2,362.0	2,362.0	0.0
D	41,200	353	1,170	8.9	2,367.1	2,367.1	2,367.1	0.0
E	41,250	340	2,763	3.8	2,370.9	2,370.9	2,370.9	0.0
F	41,410	222	2,453	4.2	2,371.0	2,371.0	2,371.0	0.0
G	41,835	481	4,377	2.4	2,371.3	2,371.3	2,371.4	0.1
H	42,335	781	4,340	2.4	2,371.3	2,371.3	2,371.4	0.1
I	42,835	657	2,457	4.2	2,371.4	2,371.4	2,371.5	0.1
J	43,335	476	1,560	6.6	2,372.3	2,372.3	2,372.3	0.0
K	43,950	300	1,215	8.5	2,374.7	2,374.7	2,374.8	0.1
L	44,340	259	1,050	9.4	2,378.5	2,378.5	2,378.5	0.0
M	44,840	480	1,922	5.1	2,381.6	2,381.6	2,381.9	0.3
N	45,340	596	1,503	6.6	2,383.1	2,383.1	2,383.2	0.1
O	45,875	681	1,503	6.3	2,385.6	2,385.6	2,385.7	0.1
P	46,385	638	1,476	5.6	2,388.5	2,388.5	2,388.8	0.3
Q	46,870	308	922	9.0	2,394.2	2,394.2	2,394.3	0.1
R	46,900	519	2,121	3.9	2,396.1	2,396.1	2,397.1	1.0
S	47,475	246	1,056	7.9	2,396.7	2,396.7	2,397.4	0.7
T	47,975	485	1,364	6.1	2,399.1	2,399.1	2,399.1	0.0
U	48,475	363	1,115	7.5	2,403.7	2,403.7	2,404.0	0.3

¹Feet above confluence with Hasayampa River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SOLS WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,100	780	619	4.4	4,511.2	4,511.2	4,511.3	0.1
B	1,500	426	552	5.0	4,516.7	4,516.7	4,517.5	0.8
C	1,690	340	469	5.8	4,518.6	4,518.6	4,519.6	1.0
D	1,960	405	468	5.9	4,523.2	4,523.2	4,523.2	0.0
E	2,210	378	1,013	2.7	4,525.5	4,525.5	4,525.5	0.0
F	2,480	354	727	3.8	4,529.2	4,529.2	4,529.2	0.0
G	3,000	240	548	5.0	4,535.4	4,535.4	4,536.4	1.0
H	3,520	296	624	4.4	4,541.4	4,541.4	4,542.4	1.0
I	4,050	255	600	4.6	4,546.4	4,546.4	4,547.4	1.0
J	4,570	66	248	11.1	4,552.3	4,552.3	4,552.3	0.0
K	5,070	67	247	11.1	4,556.4	4,556.4	4,556.4	0.0
L	5,590	95	279	9.8	4,560.7	4,560.7	4,560.7	0.0
M	6,100	59	241	11.4	4,568.6	4,568.6	4,568.6	0.0
N	6,600	114	304	9.0	4,572.5	4,572.5	4,572.5	0.0
O	6,850	90	274	10.0	4,575.0	4,575.0	4,575.3	0.3
P	7,100	90	273	10.0	4,577.3	4,577.3	4,577.5	0.2

¹Feet above confluence with Model Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SOUTH ROCKY BOY WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	25	35	107	6.5	3,412.9	3,412.9	3,412.9	0.0
B	204	35	80	8.8	3,418.4	3,418.4	3,418.4	0.0
C	366	34	116	6.1	3,420.2	3,420.2	3,420.2	0.0
D	552	34	117	6.0	3,424.2	3,424.2	3,424.2	0.0
E	944	26	103	6.8	3,433.2	3,433.2	3,433.2	0.0
F	1,178	32	79	8.9	3,438.9	3,438.9	3,438.9	0.0
G	1,478	25	79	8.9	3,446.5	3,446.5	3,446.7	0.2
H	1,641	31	76	9.2	3,450.2	3,450.2	3,450.2	0.0
I	2,316	51	242	2.9	3,469.6	3,469.6	3,469.7	0.1
J	2,549	22	55	8.1	3,472.0	3,472.0	3,472.1	0.1
K	2,893	65	114	4.0	3,486.7	3,486.7	3,487.4	0.7
L	3,118	65	123	3.7	3,491.5	3,491.5	3,492.3	0.8
M	3,392	62	122	3.7	3,497.0	3,497.0	3,497.0	0.0
N	3,567	20	108	6.7	3,501.8	3,501.8	3,501.8	0.0
O	3,754	45	107	4.2	3,506.6	3,506.6	3,506.6	0.0
P	4,038	31	47	6.5	3,513.2	3,513.2	3,513.3	0.1
Q	4,239	24	48	6.3	3,521.3	3,521.3	3,521.3	0.0
R	4,511	12	47	7.5	3,531.2	3,531.2	3,531.4	0.2
S	4,563	24	49	4.6	3,534.0	3,534.0	3,534.0	0.0
T	4,668	26	42	5.4	3,536.4	3,536.4	3,536.5	0.1

¹Feet above Limit of Detailed Study

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SOUTH BRANCH OAK WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,760	295	2,577	11.3	3,378.3	3,378.3	3,378.3	0.0
B	2,720	176	2,031	14.3	3,396.4	3,396.4	3,396.4	0.0
C	3,210	160	1,596	18.2	3,406.2	3,406.2	3,406.2	0.0
D	3,810	139	2,175	13.3	3,419.4	3,419.4	3,419.4	0.0
E	4,470	205	2,636	11.0	3,432.8	3,432.8	3,432.8	0.0
F	4,790	140	1,814	16.0	3,436.0	3,436.0	3,436.0	0.0
G	5,290	135	2,322	12.5	3,445.0	3,445.0	3,445.0	0.0
H	5,800	243	3,296	8.8	3,451.9	3,451.9	3,451.9	0.0
I	6,290	258	2,827	10.3	3,459.6	3,459.6	3,459.6	0.0
J	7,100	163	1,908	15.2	3,466.3	3,466.3	3,466.3	0.0
K	7,670	279	2,391	12.1	3,476.2	3,476.2	3,476.2	0.0
L	8,200	346	3,397	8.5	3,483.1	3,483.1	3,483.1	0.0
M	8,790	241	1,837	15.8	3,488.7	3,488.7	3,488.7	0.0
N	9,450	440	4,003	7.2	3,499.9	3,499.9	3,499.9	0.0
O	10,170	138	1,547	18.7	3,506.2	3,506.2	3,506.2	0.0
P	10,950	246	3,254	8.9	3,520.6	3,520.6	3,520.6	0.0
Q	11,740	285	3,049	9.5	3,528.3	3,528.3	3,528.3	0.0
R	12,690	480	3,517	8.2	3,538.8	3,538.8	3,538.8	0.0
S	13,990	290	3,427	8.5	3,556.8	3,556.8	3,556.8	0.0
T	15,620	524	4,857	6.0	3,569.9	3,569.9	3,569.9	0.0
U	16,720	726	6,143	4.7	3,578.4	3,578.4	3,578.5	0.1

¹Feet above confluence with Oak Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SPRING CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Spring Creek								
V	17,300 ¹	590	4,144	7.0	3,584.7	3,584.7	3,585.0	0.3
W	18,410 ¹	536	6,738	4.3	3,599.0	3,599.0	3,600.0	1.0
X	19,260 ¹	168	1,793	16.2	3,607.2	3,607.2	3,607.2	0.0
Y	19,890 ¹	293	2,209	13.1	3,616.4	3,616.4	3,616.4	0.0
Z	20,520 ¹	447	3,636	8.0	3,625.8	3,625.8	3,625.8	0.0
AA	21,070 ¹	560	3,236	9.0	3,629.9	3,629.9	3,629.9	0.0
AB	21,540 ¹	436	2,783	10.4	3,633.6	3,633.6	3,633.6	0.0
AC	22,290 ¹	373	3,077	9.4	3,642.2	3,642.2	3,642.2	0.0
Squaw Creek								
A	1,026 ²	332	1,831	9.6	2,077.0	2,077.0	2,078.0	1.0
B	2,292 ²	355	1,597	11.0	2,094.4	2,094.4	2,095.2	0.8
C	3,534 ²	382	1,761	9.9	2,112.6	2,112.6	2,113.4	0.8
D	4,656 ²	323	1,700	10.3	2,129.8	2,129.8	2,130.7	0.9

¹Feet above confluence with Oak Creek

²Feet above confluence with Agua Fria River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: SPRING CREEK – SQUAW CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	51	36	47	6.9	4,753.4	4,753.4	4,754.0	0.6
B	249	33	45	6.7	4,756.5	4,756.5	4,756.5	0.0
C	492	19	39	8.2	4,761.0	4,761.0	4,761.5	0.5
D	762	8	29	11.5	4,765.8	4,765.8	4,766.4	0.6
E	989	15	58	5.6	4,771.4	4,771.4	4,772.2	0.8
F	1,352	27	67	4.4	4,778.2	4,778.2	4,778.3	0.1

¹Feet above confluence with Miller Creek (at Yarnell)

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: STONE WAY WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	840	93	168	7.7	4,396.6	4,392.6 ²	4,392.7	0.1
B	1,003	130	188	6.8	4,397.0	4,397.0	4,397.0	0.0
C	1,389	219	551	2.3	4,398.0	4,398.0	4,398.7	0.7
D	1,932	139	191	6.8	4,401.5	4,401.5	4,402.3	0.8
E	2,540	72	159	8.7	4,411.4	4,411.4	4,412.3	0.9
F	3,068	50	139	9.3	4,422.3	4,422.3	4,423.1	0.8
G	3,348	52	145	9.0	4,429.0	4,429.0	4,429.1	0.1
H	3,580	97	332	4.9	4,431.1	4,431.1	4,431.6	0.5
I	3,828	105	553	4.6	4,432.0	4,432.0	4,432.3	0.3
J	4,092	155	691	4.5	4,432.4	4,432.4	4,432.8	0.4
K	4,641	74	283	11.1	4,435.8	4,435.8	4,436.8	1.0

¹Feet above confluence with Green Wash

²Elevation computed without consideration of backwater effects from Green Wash

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: TELEPHONE TANK WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	718	785	4,532	1.0	4,390.7	4,390.7	4,390.8	0.1
B	1,098	207	922	4.9	4,390.7	4,390.7	4,390.7	0.0
C	1,309	33	342	13.2	4,390.4	4,390.4	4,390.9	0.5
D	1,410	33	514	8.8	4,396.9	4,396.9	4,396.9	0.0
E	1,785	503	3,756	1.2	4,398.2	4,398.2	4,398.2	0.0
F	2,128	245	747	3.9	4,398.2	4,398.2	4,398.2	0.0
G	2,640	143	345	8.4	4,400.7	4,400.7	4,400.9	0.2
H	3,142	156	410	7.1	4,405.4	4,405.4	4,406.0	0.6
I	3,696	197	394	7.4	4,411.1	4,411.1	4,411.4	0.3
J	4,224	192	428	6.8	4,416.4	4,416.4	4,417.1	0.7
K	4,694	178	413	7.0	4,420.9	4,420.9	4,421.5	0.6
L	5,259	191	410	7.1	4,426.1	4,426.1	4,426.9	0.8
M	5,718	80	275	10.6	4,432.6	4,432.6	4,433.5	0.9

¹Feet above confluence with Green Wash

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TELEPHONE TANK WASH BREAKOUT

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	201	172	446	5.5	4,492.8	4,487.1 ²	4,488.1	1.0
B	787	39	195	12.7	4,498.6	4,498.6	4,498.6	0.0
C	1,373	35	187	13.3	4,518.0	4,518.0	4,518.0	0.0
D	1,932	94	264	9.5	4,529.6	4,529.6	4,529.6	0.0
E	2,445	78	313	6.7	4,534.6	4,534.6	4,534.6	0.0
F	2,909	101	498	4.8	4,535.6	4,535.6	4,536.2	0.6
G	3,416	116	327	6.8	4,537.1	4,537.1	4,537.4	0.3
H	3,696	62	219	10.8	4,539.6	4,539.6	4,539.6	0.0
I	3,971	57	371	7.2	4,542.0	4,542.0	4,542.1	0.1
J	4,224	65	292	9.3	4,542.5	4,542.5	4,542.9	0.4
K	4,488	87	345	7.9	4,544.9	4,544.9	4,544.9	0.0
L	5,000	86	326	8.5	4,547.7	4,547.7	4,548.3	0.6
M	5,401	95	318	9.2	4,551.7	4,551.7	4,551.7	0.0
N	5,956	119	388	7.5	4,556.0	4,556.0	4,556.6	0.6
O	6,479	227	475	6.1	4,563.5	4,563.5	4,564.3	0.8
P	6,684	43	234	13.2	4,569.3	4,569.3	4,569.3	0.0
Q	6,827	43	351	8.8	4,571.4	4,571.4	4,571.4	0.0

¹Feet above confluence with Agua Fria River

²Elevation computed without consideration of backwater effects from Agua Fria River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: TEXAS GULCH MAIN STREAM

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	729	52	249	12.4	4,578.8	4,578.8	4,578.8	0.0
B	1,246	59	301	9.1	4,583.3	4,583.3	4,584.3	1.0
C	1,668	55	233	11.7	4,589.7	4,589.7	4,589.7	0.0
D	2,028	51	271	10.0	4,593.0	4,593.0	4,593.8	0.8
E	2,439	37	203	13.4	4,600.1	4,600.1	4,600.2	0.1
F	2,967	37	209	13.0	4,606.9	4,606.9	4,607.0	0.1
G	3,712	88	204	13.3	4,617.1	4,617.1	4,617.1	0.0
H	4,240	39	164	11.9	4,623.9	4,623.9	4,624.4	0.5
I	4,741	41	171	11.4	4,632.2	4,632.2	4,632.2	0.0
J	5,428	34	146	11.5	4,647.0	4,647.0	4,647.0	0.0
K	6,067	43	150	10.9	4,658.4	4,658.4	4,658.4	0.0
L	6,600	45	154	10.5	4,667.4	4,667.4	4,667.4	0.0
M	6,843	47	144	10.1	4,670.7	4,670.7	4,671.0	0.3
N	7,091	25	73	9.8	4,675.0	4,675.0	4,675.0	0.0
O	7,836	26	53	8.2	4,689.8	4,689.8	4,689.8	0.0
P	8,374	30	52	7.6	4,703.3	4,703.3	4,703.5	0.2

¹Feet above State Highway 169

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TEXAS GULCH WEST BRANCH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,793	306	365	6.1	4,397.4	4,397.4	4,398.1	0.7
B	3,295	114	294	7.2	4,404.6	4,404.6	4,405.3	0.7
C	3,918	94	250	8.5	4,412.9	4,412.9	4,413.4	0.5
D	4,446	111	252	8.4	4,421.4	4,421.4	4,421.6	0.2
E	4,910	158	277	7.7	4,429.1	4,429.1	4,430.0	0.9
F	5,016	136	271	7.8	4,436.7	4,436.7	4,437.4	0.7
G	5,349	110	268	7.9	4,436.7	4,436.7	4,437.4	0.7
H	6,077	57	190	10.5	4,446.3	4,446.3	4,446.3	0.0
I	6,584	46	178	11.2	4,456.3	4,456.3	4,456.3	0.0
J	7,160	139	313	6.4	4,462.8	4,462.8	4,463.7	0.9
K	7,756	98	246	8.1	4,470.1	4,470.1	4,470.5	0.4
L	8,300	97	239	8.4	4,477.8	4,477.8	4,478.2	0.4
M	8,760	58	196	10.2	4,483.4	4,483.4	4,483.4	0.0
N	9,288	112	240	7.9	4,501.8	4,501.8	4,502.4	0.6
O	9,868	52	196	9.7	4,501.8	4,501.8	4,502.1	0.3
P	10,507	68	197	9.6	4,507.6	4,507.6	4,507.6	0.0
Q	11,062	57	223	8.5	4,515.6	4,515.6	4,515.9	0.3
R	11,600	127	241	7.9	4,524.3	4,524.3	4,524.8	0.5
S	12,112	112	248	7.2	4,531.4	4,531.4	4,532.0	0.6

¹Feet above confluence with Big Chino Wash

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: TIMON WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	339	526	13,173	11.1	2,988.4	2,988.4	2,989.2	0.8
B	1,693	1,079	22,748	7.4	2,991.7	2,991.7	2,992.5	0.8
C	3,908	938	15,900	8.8	2,993.6	2,993.6	2,994.3	0.7
D	4,896	1,063	12,052	14.9	2,995.8	2,995.8	2,996.4	0.6
E	5,275	1,538	19,013	8.8	2,999.1	2,999.1	2,999.3	0.2
F	7,163	2,162	33,934	4.5	3,001.3	3,001.3	3,001.5	0.2
G	9,353	1,146	17,779	7.7	3,002.2	3,002.2	3,002.4	0.2
H	11,095	1,620	21,376	7.9	3,005.5	3,005.5	3,006.0	0.5
I	12,562	2,285	25,131	6.7	3,007.8	3,007.8	3,008.3	0.5
J	13,295	2,494	23,385	7.6	3,008.8	3,008.8	3,009.3	0.5
K	15,003	2,426	21,754	8.5	3,009.8	3,009.8	3,010.4	0.6
L	16,246	1,882	15,635	11.1	3,011.2	3,011.2	3,012.0	0.8
M	17,405	1,147	12,401	12.0	3,013.2	3,013.2	3,014.1	0.9
N	19,011	942	14,846	9.1	3,018.5	3,018.5	3,018.9	0.4
O	20,712	1,525	22,022	7.4	3,023.8	3,023.8	3,024.4	0.6
P	21,674	2,165	24,481	5.9	3,024.8	3,024.8	3,025.4	0.6
Q	22,957	2,320	22,777	6.0	3,026.5	3,026.5	3,027.2	0.7
R	23,759	1,981	20,983	7.3	3,027.8	3,027.8	3,028.6	0.8
S	24,840	1,407	17,792	9.3	3,029.5	3,029.5	3,030.2	0.7
T	26,589	951	13,157	9.5	3,034.0	3,034.0	3,034.5	0.5
U	27,603	1,237	15,370	7.9	3,038.0	3,038.0	3,038.4	0.4

¹Feet south of Camp Verde to the Forest Service Boundary, Located Adjacent to Beasley Flat

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: VERDE RIVER

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	28,931	1,575	19,720	7.6	3,040.7	3,040.7	3,041.2	0.5
W	31,217	1,430	20,522	6.7	3,043.1	3,043.1	3,043.7	0.6
X	32,288	1,366	20,860	5.1	3,044.3	3,044.3	3,044.8	0.5
Y	34,064	915	14,961	9.2	3,046.1	3,046.1	3,046.6	0.5
Z	35,019	892	15,227	8.5	3,047.8	3,047.8	3,048.3	0.5
AA	36,220	975	15,094	9.8	3,050.0	3,050.0	3,050.6	0.6
AB	38,741	1,681	20,188	5.5	3,053.6	3,053.6	3,054.6	1.0
AC	39,695	1,891	20,748	7.6	3,054.7	3,054.7	3,055.7	1.0
AD	41,584	1,839	18,231	6.9	3,057.9	3,057.9	3,058.5	0.6
AE	44,764	1,574	15,841	6.9	3,063.7	3,063.7	3,064.5	0.8
AF	47,085	895	14,921	7.4	3,068.2	3,068.2	3,068.8	0.6
AG	47,829	866	12,678	12.2	3,068.8	3,068.8	3,069.4	0.6
AH	50,819	798	14,979	9.1	3,075.8	3,075.8	3,076.5	0.7
AI	51,436	1,350	23,998	5.8	3,078.6	3,078.6	3,079.2	0.6
AJ	52,724	1,509	23,658	4.8	3,079.7	3,079.7	3,080.3	0.6
AK	54,843	874	15,493	12.9	3,081.0	3,081.0	3,081.6	0.6
AL	55,403	811	16,187	11.2	3,082.9	3,082.9	3,083.7	0.8
AM	57,353	1,095	12,384	15.1	3,086.9	3,086.9	3,087.8	0.9
AN	58,500	1,835	28,827	5.5	3,090.3	3,090.3	3,091.1	0.8
AO	61,018	1,628	21,090	7.9	3,091.8	3,091.8	3,092.5	0.7
AP	63,203	3,527	23,868	7.0	3,094.4	3,094.4	3,094.9	0.5

¹Feet south of Camp Verde to the Forest Service Boundary, Located Adjacent to Beasley Flat

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: VERDE RIVER

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AQ	63,409	3,686	33,504	3.7	3,097.6	3,097.6	3,098.4	0.8
AR	66,297	1,735	28,785	5.8	3,100.0	3,100.0	3,100.6	0.6
AS	68,860	1,460	24,791	5.4	3,101.7	3,101.7	3,102.3	0.6
AT	70,005	1,850	27,948	5.9	3,102.8	3,102.8	3,103.3	0.5
AU	72,233	1,633	21,444	6.8	3,103.8	3,103.8	3,104.4	0.6
AV	73,506	2,558	12,314	7.8	3,105.5	3,105.5	3,105.9	0.4
AW	73,896	2,553	26,790	4.2	3,117.3	3,117.3	3,117.3	0.0
AX	77,692	3,283	29,971	4.3	3,118.1	3,118.1	3,118.1	0.0
AY	79,630	1,173	14,869	8.9	3,119.7	3,119.7	3,119.7	0.0
AZ	82,230	467	8,904	11.3	3,124.3	3,124.3	3,124.8	0.5
BA	84,054	1,395	20,236	6.3	3,128.5	3,128.5	3,129.4	0.9
BB	87,171	760	10,744	10.4	3,130.4	3,130.4	3,131.2	0.8
BC	88,665	1,255	14,500	7.2	3,136.0	3,136.0	3,136.6	0.6
BD	98,803	1,423	13,817	7.1	3,150.3	3,150.3	3,150.8	0.5
BE	100,701	1,424	14,326	8.3	3,153.6	3,153.6	3,154.2	0.6
BF	102,919	1,344	15,307	6.0	3,161.7	3,161.7	3,162.4	0.7
BG	104,770	1,608	19,166	4.7	3,165.4	3,165.4	3,166.2	0.8
BH	107,126	1,374	15,647	5.5	3,168.1	3,168.1	3,168.9	0.8
BI	108,804	459	8,713	12.4	3,172.7	3,172.7	3,173.1	0.4
BJ	110,805	1,170	20,219	5.0	3,177.2	3,177.2	3,177.9	0.7
BK	112,995	1,052	16,700	6.4	3,178.5	3,178.5	3,179.1	0.6

¹Feet south of Camp Verde to the Forest Service Boundary, Located Adjacent to Beasley Flat

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: VERDE RIVER

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BL	114,664	664	10,795	11.0	3,179.8	3,179.8	3,180.4	0.6
BM	116,452	483	10,108	8.2	3,184.8	3,184.8	3,185.5	0.7
BN	117,663	558	10,509	11.3	3,186.2	3,186.2	3,187.1	0.9
BO	119,645	502	10,799	10.0	3,190.4	3,190.4	3,191.0	0.6
BP	122,023	604	11,790	10.4	3,194.0	3,194.0	3,194.8	0.8
BQ	124,451	655	12,605	12.5	3,198.6	3,198.6	3,199.6	1.0
BR	125,273	1,022	19,057	6.4	3,201.2	3,201.2	3,202.1	0.9
BS	126,798	342	6,975	14.6	3,202.0	3,202.0	3,202.8	0.8
BT	127,290	287	6,248	14.1	3,203.9	3,203.9	3,204.6	0.7
BU	129,031	574	12,333	7.1	3,210.1	3,210.1	3,210.9	0.8
BV	129,604	436	7,242	11.6	3,210.4	3,210.4	3,211.2	0.8
BW	131,575	900	14,111	8.9	3,214.3	3,214.3	3,215.2	0.9
BX	133,488	404	8,466	11.6	3,218.1	3,218.1	3,218.9	0.8
BY	135,392	720	13,145	7.9	3,223.3	3,223.3	3,224.2	0.9
BZ	136,266	857	13,237	6.0	3,224.6	3,224.6	3,225.4	0.8
CA	138,762	659	8,312	12.8	3,229.5	3,229.5	3,230.4	0.9
CB	139,462	844	12,165	7.7	3,232.4	3,232.4	3,233.3	0.9
CC	141,807	1,135	19,079	3.9	3,236.4	3,236.4	3,237.3	0.9
CD	143,839	1,339	21,543	3.2	3,239.0	3,239.0	3,239.8	0.8
CE	146,224	1,034	18,505	4.3	3,239.6	3,239.6	3,240.4	0.8
CF	147,687	530	10,906	8.7	3,241.7	3,241.7	3,242.5	0.8
CG	148,851	590	13,024	6.9	3,244.8	3,244.8	3,245.7	0.9

¹Feet south of Camp Verde to the Forest Service Boundary, Located Adjacent to Beasley Flat

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: VERDE RIVER

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CH	150,374	657	12,493	5.9	3,248.3	3,248.3	3,249.2	0.9
CI	151,853	800	15,905	5.7	3,250.5	3,250.5	3,251.3	0.8
CJ	154,043	752	15,006	7.1	3,253.2	3,253.2	3,253.9	0.7
CK	158,099	1,337	15,619	4.8	3,255.4	3,255.4	3,256.1	0.7
CL	161,522	798	8,988	12.4	3,261.0	3,261.0	3,261.6	0.6
CM	163,762	535	10,066	8.6	3,268.1	3,268.1	3,269.1	1.0
CN	164,105	556	11,054	5.3	3,271.1	3,271.1	3,271.2	0.1
CO	167,586	1,394	18,183	4.6	3,273.0	3,273.0	3,273.3	0.3
CP	169,498	1,118	12,060	8.2	3,274.6	3,274.6	3,275.0	0.4
CQ	171,478	918	13,822	7.6	3,276.9	3,276.9	3,277.5	0.6
CR	174,875	1,552	17,255	4.7	3,282.1	3,282.1	3,282.8	0.7
CS	178,027	1,957	16,252	5.8	3,285.3	3,285.3	3,286.0	0.7
CT	181,306	1,154	13,014	6.3	3,292.3	3,292.3	3,293.0	0.7
CU	182,335	1,346	11,922	7.4	3,293.8	3,293.8	3,294.4	0.6
CV	184,392	837	8,290	11.3	3,297.9	3,297.9	3,298.7	0.8
CW	184,998	707	9,739	8.1	3,302.0	3,302.0	3,302.4	0.4
CX	186,227	876	8,940	10.8	3,304.5	3,304.5	3,304.9	0.4
CY	187,396	984	11,961	6.1	3,309.9	3,309.9	3,310.7	0.8
CZ	188,716	768	7,917	9.7	3,311.3	3,311.3	3,312.0	0.7
DA	190,027	756	9,160	9.0	3,318.3	3,318.3	3,318.7	0.4
DB	192,639	1,094	11,141	7.5	3,327.6	3,327.6	3,328.4	0.8
DC	194,482	431	4,478	19.6	3,330.2	3,330.2	3,330.7	0.5

¹Feet south of Camp Verde to the Forest Service Boundary, Located Adjacent to Beasley Flat

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: VERDE RIVER

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
DD	195,577	413	8,497	8.9	3,344.5	3,344.5	3,344.9	0.4
DE	197,897	605	6,767	12.8	3,346.9	3,346.9	3,347.5	0.6
DF	198,345	499	5,925	15.1	3,349.8	3,349.8	3,349.9	0.1
DG	199,133	423	7,339	12.8	3,355.2	3,355.2	3,355.8	0.6
DH	199,209	484	8,193	10.1	3,356.7	3,356.7	3,357.4	0.7
DI	200,026	325	5,524	14.2	3,357.9	3,357.9	3,358.4	0.5
DJ	201,257	233	3,956	20.3	3,361.9	3,361.9	3,362.6	0.7
DK	201,703	515	9,298	10.4	3,370.6	3,370.6	3,370.6	0.0
DL	202,963	365	6,496	14.2	3,371.6	3,371.6	3,371.9	0.3
DM	203,978	418	8,623	9.9	3,376.0	3,376.0	3,376.8	0.8
DN	205,955	723	10,169	9.7	3,378.8	3,378.8	3,379.7	0.9
DO	207,958	402	7,647	11.0	3,385.6	3,385.6	3,386.4	0.8
DP	208,689	250	5,132	14.9	3,386.7	3,386.7	3,387.6	0.9
DQ	210,938	765	14,005	6.4	3,392.9	3,392.9	3,393.7	0.8
DR	213,817	664	9,065	8.3	3,395.6	3,395.6	3,396.5	0.9

¹Feet south of Camp Verde to the Forest Service Boundary, Located Adjacent to Beasley Flat

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	YAVAPAI COUNTY, AZ	
	AND INCORPORATED AREAS	FLOODING SOURCE: VERDE RIVER

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	354	144	187	6.4	5,299.4	5,299.4	5,300.1	0.7
B	898	195	1,031	1.4	5,315.4	5,315.4	5,316.0	0.6
C	1,531	46	172	7.2	5,325.2	5,325.2	5,325.8	0.6
D	1,964	65	151	8.3	5,339.7	5,339.7	5,340.6	0.9
E	2,387	58	138	9.0	5,352.0	5,352.0	5,352.4	0.4
F	2,967	85	171	6.9	5,367.3	5,367.3	5,368.0	0.7
G	3,495	94	166	7.1	5,381.4	5,381.4	5,381.4	0.0
H	4,023	132	301	3.9	5,399.7	5,399.7	5,400.7	1.0
I	4,536	65	168	5.5	5,415.1	5,415.1	5,415.8	0.7
J	5,009	26	91	10.7	5,428.7	5,428.7	5,429.4	0.7
K	5,576	49	112	8.3	5,447.7	5,447.7	5,447.7	0.0
L	6,215	33	105	8.9	5,469.0	5,469.0	5,469.1	0.1
M	6,711	26	77	9.7	5,487.1	5,487.1	5,487.2	0.1
N	7,513	35	89	7.6	5,517.6	5,517.6	5,517.8	0.2

¹Feet above confluence with Granite Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	YAVAPAI COUNTY, AZ	
	AND INCORPORATED AREAS	FLOODING SOURCE: VIRGINIA STREET WASH

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ²	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Wash P								
A ¹	600	250	211	4.3	2,102.8	2,102.8	2,102.8	0.0
B ¹	1,020	96	175	5.1	2,114.7	2,114.7	2,114.7	0.0
C ¹	1,475	157	212	4.2	2,124.3	2,124.3	2,124.3	0.0
D	1,850	187	203	4.4	2,133.0	2,133.0	2,133.0	0.0
E	2,110	47	131	6.9	2,140.4	2,140.4	2,140.4	0.0
F	2,480	83	145	6.2	2,149.0	2,149.0	2,149.0	0.0

¹Located in Maricopa County

²Feet above mouth

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	YAVAPAI COUNTY, AZ	
	AND INCORPORATED AREAS	FLOODING SOURCE: WASH P

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	2,160	2,484	3,930	9.0	3,024.8	3,024.8	3,024.8	0.0
B	2,480	1,900	4,233	8.4	3,028.2	3,028.2	3,029.2	1.0
C	2,980	1,571	3,873	9.1	3,033.0	3,033.0	3,033.8	0.8
D	3,350	1,311	3,534	10.0	3,035.5	3,035.5	3,036.4	0.9
E	3,720	1,039	3,996	8.9	3,038.6	3,038.6	3,038.9	0.3
F	4,090	904	3,259	10.9	3,041.5	3,041.5	3,041.7	0.2
G	4,510	759	3,784	9.4	3,045.4	3,045.4	3,046.4	1.0
H	4,840	473	2,703	13.1	3,049.3	3,049.3	3,049.4	0.1
I	5,240	467	2,752	12.9	3,053.4	3,053.4	3,053.4	0.0
J	5,640	520	3,617	9.8	3,056.6	3,056.6	3,057.5	0.9
K	6,020	578	4,039	8.8	3,059.6	3,059.6	3,060.0	0.4
L	6,520	716	3,646	9.7	3,062.9	3,062.9	3,063.3	0.4
M	6,700	723	4,340	8.2	3,064.8	3,064.8	3,065.1	0.3
N	7,020	565	3,168	11.2	3,067.6	3,067.6	3,068.4	0.8
O	7,520	525	3,100	11.4	3,072.0	3,072.0	3,072.6	0.6
P	8,020	571	3,216	11.0	3,076.8	3,076.8	3,077.2	0.4
Q	8,540	405	3,130	11.3	3,079.9	3,079.9	3,080.9	1.0
R	8,780	640	3,219	11.0	3,082.6	3,082.6	3,083.0	0.4
S	9,240	650	3,274	10.8	3,086.3	3,086.3	3,086.8	0.5
T	9,660	565	3,286	10.8	3,090.1	3,090.1	3,090.8	0.7
U	10,000	469	3,236	10.9	3,094.2	3,094.2	3,095.2	1.0
V	10,390	447	4,645	7.6	3,098.0	3,098.0	3,098.9	0.9

¹Feet above confluence with Verde River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WEST CLEAR CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	10,890	545	4,094	8.6	3,100.4	3,100.4	3,101.3	0.9
X	11,490	695	4,509	7.9	3,105.1	3,105.1	3,105.7	0.6
Y	11,920	700	4,240	8.3	3,108.3	3,108.3	3,108.6	0.3
Z	12,240	1,025	5,948	6.0	3,110.9	3,110.9	3,111.7	0.8
AA	12,690	1,255	6,131	5.8	3,115.6	3,115.6	3,116.0	0.4
AB	13,240	1,330	7,105	5.0	3,120.0	3,120.0	3,120.5	0.5
AC	13,720	1,490	4,624	7.7	3,124.5	3,124.5	3,125.3	0.8
AD	14,270	1,570	5,897	6.0	3,132.5	3,132.5	3,133.3	0.8
AE	15,020	1,423	3,884	9.1	3,137.9	3,137.9	3,138.8	0.9
AF	15,540	1,300	5,308	6.7	3,145.9	3,145.9	3,146.9	1.0
AG	16,020	1,242	4,642	7.6	3,149.4	3,149.4	3,150.4	1.0
AH	16,250	1,360	5,985	5.1	3,151.9	3,151.9	3,152.8	0.9
AI	16,670	1,280	5,001	6.1	3,157.0	3,157.0	3,157.6	0.6
AJ	17,100	1,174	5,626	5.4	3,161.2	3,161.2	3,162.1	0.9
AK	17,580	1,116	5,530	5.5	3,166.4	3,166.4	3,166.8	0.4
AL	18,060	1,000	4,085	7.5	3,170.7	3,170.7	3,171.3	0.6
AM	18,540	1,044	4,854	6.3	3,176.5	3,176.5	3,177.0	0.5
AN	19,040	910	5,128	5.9	3,179.0	3,179.0	3,179.6	0.6
AO	19,420	765	2,763	11.0	3,180.3	3,180.3	3,181.1	0.8
AP	19,840	609	3,034	10.1	3,185.4	3,185.4	3,186.0	0.6
AQ	20,260	480	3,560	8.3	3,190.0	3,190.0	3,190.4	0.4
AR	20,760	345	2,485	12.3	3,195.3	3,195.3	3,195.3	0.0

¹Feet above confluence with Verde River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WEST CLEAR CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
West Clear Creek								
AS	21,040 ¹	258	2,180	14.0	3,196.9	3,196.9	3,197.9	1.0
AT	21,092 ¹	231	2,157	14.1	3,199.6	3,199.6	3,199.6	0.0
AU	21,232 ¹	725	5,249	5.8	3,202.8	3,202.8	3,202.8	0.0
AV	21,462 ¹	880	5,877	5.2	3,203.5	3,203.5	3,203.8	0.3
West Fork Miller Creek								
A	2,750 ²	946	2,230	4.1	4,469.4	4,469.4	4,469.8	0.4
B	3,600 ²	553	1,511	6.0	4,473.1	4,473.1	4,473.4	0.3
C	4,500 ²	975	2,414	4.0	4,476.8	4,476.8	4,477.5	0.7

¹Feet above confluence with Verde River

²Feet above confluence with Miller Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA FLOODING SOURCE: WEST CLEAR CREEK – WEST FORK MILLER CREEK
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Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	52,311	404	4,785	5.9	3,262.7	3,262.7	3,262.7	0.0
B	52,922	309	2,558	11.1	3,263.6	3,263.6	3,263.6	0.0
C	53,643	449	4,268	6.6	3,269.9	3,269.9	3,269.9	0.0
D	54,480	318	2,536	11.2	3,271.0	3,271.0	3,271.0	0.0
E	55,387	296	3,427	8.3	3,280.6	3,280.6	3,281.6	1.0
F	57,004	441	4,568	6.2	3,289.8	3,289.8	3,290.6	0.8
G	57,448	349	2,387	11.9	3,291.3	3,291.3	3,291.5	0.2
H	58,056	312	2,626	10.8	3,300.0	3,300.0	3,300.0	0.0
I	58,753	207	2,051	13.8	3,301.8	3,301.8	3,301.8	0.0
J	60,080	534	5,455	5.2	3,314.8	3,314.8	3,314.8	0.0
K	61,392	617	6,038	4.7	3,324.8	3,324.8	3,324.8	0.0
L	62,814	411	2,961	9.6	3,329.7	3,329.7	3,330.2	0.5
M	64,165	416	2,779	10.2	3,340.0	3,340.0	3,340.3	0.3
N	65,216	360	3,164	9.0	3,348.1	3,348.1	3,348.1	0.0
O	66,025	478	2,914	9.7	3,353.4	3,353.4	3,353.4	0.0
P	67,173	349	3,030	9.4	3,363.9	3,363.9	3,364.3	0.4
Q	68,462	514	3,342	8.5	3,373.5	3,373.5	3,374.1	0.6
R	70,286	328	2,536	11.2	3,387.3	3,387.3	3,388.3	1.0
S	71,543	536	3,167	8.6	3,399.0	3,399.0	3,399.6	0.6
T	72,732	447	2,981	8.8	3,409.9	3,409.9	3,410.6	0.7
U	73,932	252	2,215	11.9	3,421.0	3,421.0	3,421.1	0.1
V	74,982	242	2,445	10.8	3,431.9	3,431.9	3,432.3	0.4

¹Feet above confluence of Beaver Creek with Verde River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WET BEAVER CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Wet Beaver Creek								
W	75,730 ¹	465	2,223	12.2	3,440.8	3,440.8	3,440.8	0.0
X	76,369 ¹	635	3,292	8.6	3,446.9	3,446.9	3,446.9	0.0
Y	77,087 ¹	386	2,660	10.2	3,455.9	3,455.9	3,455.9	0.0
Z	77,733 ¹	419	2,353	11.6	3,461.7	3,461.7	3,461.7	0.0
AA	78,999 ¹	580	2,681	10.1	3,475.1	3,475.1	3,475.1	0.0
AB	79,812 ¹	450	3,502	7.8	3,486.0	3,486.0	3,486.6	0.6
AC	80,781 ¹	624	3,433	7.9	3,494.8	3,494.8	3,495.6	0.8
AD	82,089 ¹	677	3,673	7.4	3,509.7	3,509.7	3,509.7	0.0
Wet Beaver Creek Left Split								
A	928 ²	399	1,545	0.6	3,412.6	3,412.6	3,413.6	1.0
B	2,434 ²	85	163	5.1	3,419.5	3,419.5	3,420.1	0.6
C	3,319 ²	186	234	3.6	3,429.9	3,429.9	3,429.9	0.0

¹Feet above confluence of Beaver Creek with Verde River

²Feet above confluence with Wet Beaver Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WET BEAVER CREEK – WET BEAVER CREEK LEFT SPLIT

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Williamson Valley Wash								
A	17,298 ¹	644	2,444	7.5	4,385.4	4,385.4	4,385.9	0.5
B	18,839 ¹	500	2,502	7.3	4,387.6	4,387.6	4,388.5	0.9
C	20,851 ¹	1,062	3,516	5.2	4,391.5	4,391.5	4,392.2	0.7
D	22,562 ¹	564	2,391	8.2	4,394.9	4,394.9	4,395.3	0.4
E	24,549 ¹	607	3,078	5.9	4,399.3	4,399.3	4,399.9	0.6
F	28,384 ¹	580	3,021	6.1	4,406.6	4,406.6	4,407.5	0.9
G	32,201 ¹	468	2,736	6.7	4,412.3	4,412.3	4,413.2	0.9
Williamson Valley Wash - North Split								
A	8,433 ²	964	2,292	5.0	4,386.3	4,386.3	4,387.1	0.8
B	9,893 ²	794	1,900	6.1	4,390.1	4,390.1	4,390.8	0.7
C	11,263 ²	811	2,241	5.1	4,392.8	4,392.8	4,393.5	0.7
D	13,018 ²	1,031	3,163	3.6	4,397.6	4,397.6	4,398.4	0.8
E	15,098 ²	800	2,865	4.1	4,403.0	4,403.0	4,403.7	0.7
F	17,953 ²	1,121	3,406	3.4	4,408.9	4,408.9	4,409.5	0.6

¹Feet above confluence with Big Chino Wash

²Feet above Burlington Northern Santa Fe Railway (along profile baseline)

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA FLOODING SOURCE: WILLIAMSON VALLEY WASH - WILLIAMSON VALLEY WASH – NORTH SPLIT
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Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,000	308	1,512	6.2	5,152.5	5,152.5	5,153.2	0.7
B	4,874	112	1,041	9.1	5,168.9	5,168.9	5,169.6	0.7
C ²	*							
D ²	*							
E ²	*							
F ²	*							
G ²	*							
H ²	*							
I ²	*							
J ²	*							
K ²	*							
L	8,479	144	1,064	8.9	5,194.7	5,194.7	5,194.9	0.2
M	9,093	148	878	10.7	5,197.6	5,197.6	5,197.8	0.2
N	9,654	180	1,125	7.0	5,201.4	5,201.4	5,202.4	1.0
O	10,246	145	719	11.0	5,206.0	5,206.0	5,206.6	0.6
P	10,626	114	605	13.0	5,208.8	5,208.8	5,208.8	0.0
Q	11,090	97	811	9.7	5,214.0	5,214.0	5,214.0	0.0
R	11,308	108	992	7.9	5,215.3	5,215.3	5,215.3	0.0
S	11,755	104	844	9.3	5,216.7	5,216.7	5,216.8	0.1
T	11,967	149	1,204	6.5	5,220.1	5,220.1	5,220.7	0.6
U	12,308	130	910	8.7	5,222.0	5,222.0	5,222.7	0.7

¹Feet above Willow Creek Reservoir

²Data not computed for cross sections C-K

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WILLOW CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	12,779	88	760	10.4	5,226.3	5,226.3	5,227.0	0.7
W	13,207	143	1,110	7.1	5,229.0	5,229.0	5,229.8	0.8
X	13,387	134	948	8.3	5,229.8	5,229.8	5,230.5	0.7
Y	13,777	68	510	15.4	5,235.7	5,235.7	5,235.8	0.1
Z	14,059	80	776	10.2	5,240.0	5,240.0	5,240.6	0.6
AA	14,437	66	506	15.6	5,244.2	5,244.2	5,244.3	0.1
AB	15,334	111	765	10.3	5,259.5	5,259.5	5,259.8	0.3
AC	16,570	71	614	12.8	5,275.9	5,275.9	5,276.5	0.6
AD	17,307	104	732	10.8	5,286.8	5,286.8	5,287.0	0.2
AE	17,966	69	661	11.9	5,299.5	5,299.5	5,300.4	0.9
AF	19,348	57	731	10.8	5,323.7	5,323.7	5,324.7	1.0
AG	19,914	85	892	8.8	5,336.9	5,336.9	5,337.7	0.8
AH	20,763	172	1,212	5.9	5,349.4	5,349.4	5,349.6	0.2
AI	21,562	202	770	9.3	5,353.5	5,353.5	5,354.3	0.8
AJ	22,562	215	1,164	6.1	5,363.4	5,363.4	5,364.0	0.6
AK	23,563	261	1,099	6.5	5,370.6	5,370.6	5,371.4	0.8
AL	24,762	232	903	7.9	5,385.6	5,385.6	5,385.6	0.0
AM	25,762	101	870	8.2	5,394.6	5,394.6	5,395.5	0.9
AN	26,363	140	1,258	5.7	5,401.8	5,401.8	5,402.6	0.8

¹Feet above Willow Creek Reservoir

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WILLOW CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AO	27,363	120	940	7.6	5,410.5	5,410.5	5,411.2	0.7
AP	28,560	101	727	10.4	5,430.7	5,430.7	5,431.1	0.4
AQ	29,162	180	847	8.4	5,442.6	5,442.6	5,442.6	0.0
AR	30,562	122	596	7.4	5,461.1	5,461.1	5,461.6	0.5
AS	31,562	73	373	11.9	5,476.8	5,476.8	5,476.9	0.1
AT	32,562	67	548	8.1	5,506.6	5,506.6	5,506.8	0.2
AU	33,562	68	626	7.1	5,522.8	5,522.8	5,523.6	0.8
AV	34,362	55	397	11.2	5,540.4	5,540.4	5,540.8	0.4

¹Feet above Willow Creek Reservoir

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WILLOW CREEK

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	309	33	217	14.4	5,016.7	5,016.7	5,016.7	0.0
B	665	78	659	4.7	5,023.8	5,023.8	5,023.8	0.0
C	1,100	65	637	4.9	5,024.5	5,024.5	5,025.2	0.7
D	1,338	75	653	4.8	5,025.5	5,025.5	5,026.1	0.6
E	1,800	58	485	6.4	5,028.5	5,028.5	5,029.1	0.6
F	2,600	27	201	15.5	5,041.1	5,041.1	5,041.1	0.0
G	2,836	44	480	6.5	5,050.5	5,050.5	5,050.6	0.1
H	3,200	39	338	9.2	5,053.1	5,053.1	5,053.5	0.4
I	3,600	48	364	8.6	5,056.7	5,056.7	5,057.0	0.3
J	3,897	87	848	3.7	5,062.7	5,062.7	5,063.3	0.6
K	4,400	86	615	5.1	5,063.2	5,063.2	5,063.8	0.6
L	5,200	76	655	4.8	5,068.6	5,068.6	5,069.1	0.5
M	5,793	75	539	5.8	5,072.2	5,072.2	5,072.9	0.7
N	6,200	93	589	5.3	5,075.5	5,075.5	5,076.0	0.5
O	6,466	69	559	5.6	5,077.2	5,077.2	5,077.7	0.5
P	6,636	71	599	5.2	5,079.9	5,079.9	5,080.5	0.6
Q	7,143	31	230	13.6	5,106.4	5,106.4	5,106.4	0.0
R	7,481	45	241	12.9	5,120.9	5,120.9	5,121.3	0.4

¹Feet above confluence with Granite Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WILLOW CREEK BELOW WILLOW LAKE

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	394	210	603	6.6	5,149.5	5,149.5	5,149.5	0.0
B	533	170	1,561	3.0	5,160.4	5,160.4	5,160.5	0.1
C	600	188	1,809	2.0	5,160.5	5,160.5	5,160.7	0.2
D	1,200	74	327	11.1	5,163.5	5,163.5	5,163.9	0.4
E	1,800	51	284	12.7	5,173.0	5,173.0	5,173.4	0.4
F	2,400	60	305	11.9	5,184.9	5,184.9	5,185.2	0.3
G	2,800	42	298	12.1	5,191.8	5,191.8	5,192.5	0.7
H	3,307	118	417	8.7	5,202.3	5,202.3	5,202.3	0.0
I	3,800	65	330	10.9	5,211.6	5,211.6	5,211.6	0.0
J	4,200	57	292	12.4	5,219.2	5,219.2	5,219.3	0.1
K	4,800	54	349	10.3	5,232.1	5,232.1	5,233.0	0.9
L	5,146	90	380	9.5	5,240.3	5,240.3	5,240.3	0.0
M	5,800	40	267	13.5	5,254.5	5,254.5	5,254.7	0.2
N	6,290	136	765	4.7	5,267.3	5,267.3	5,268.1	0.8
O	6,454	73	397	9.1	5,268.0	5,268.0	5,268.4	0.4
P	7,000	87	372	9.7	5,278.1	5,278.1	5,278.1	0.0
Q	7,253	85	334	10.8	5,282.0	5,282.0	5,282.0	0.0
R	7,400	96	369	9.8	5,284.8	5,284.8	5,285.0	0.2
S	7,538	92	352	10.3	5,286.7	5,286.7	5,287.0	0.3
T	8,000	89	360	10.0	5,295.5	5,295.5	5,295.5	0.0
U	8,566	73	387	9.3	5,302.4	5,302.4	5,303.2	0.8

¹Feet above Willow Creek Reservoir

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WILLOW CREEK RESERVOIR TRIBUTARY

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	9,107	68	292	10.5	5,310.2	5,310.2	5,310.2	0.0
W	9,606	90	323	9.5	5,319.9	5,319.9	5,319.9	0.0
X	9,655	121	678	4.5	5,323.0	5,323.0	5,323.0	0.0
Y	9,976	84	566	5.4	5,328.3	5,328.3	5,329.0	0.7
Z	10,200	53	266	11.5	5,329.9	5,329.9	5,330.0	0.1
AA	10,660	40	233	13.1	5,337.6	5,337.6	5,337.7	0.1
AB	10,957	64	289	10.6	5,345.0	5,345.0	5,345.4	0.4
AC	11,149	93	368	8.3	5,348.2	5,348.2	5,348.6	0.4
AD	11,600	55	323	9.5	5,356.3	5,356.3	5,357.2	0.9
AE	11,948	55	262	11.6	5,365.6	5,365.6	5,365.9	0.3
AF	12,162	88	479	6.4	5,369.0	5,369.0	5,369.7	0.7
AG	12,600	152	1,575	1.9	5,385.8	5,385.8	5,386.8	1.0
AH	13,114	100	359	8.5	5,387.1	5,387.1	5,387.2	0.1
AI	13,637	145	898	3.4	5,399.9	5,399.9	5,400.4	0.5
AJ	14,200	76	306	9.7	5,410.4	5,410.4	5,411.1	0.7
AK	14,622	65	279	10.9	5,416.6	5,416.6	5,417.2	0.6
AL	15,075	48	249	12.3	5,425.8	5,425.8	5,426.2	0.4

¹Feet above Willow Creek Reservoir

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WILLOW CREEK RESERVOIR TRIBUTARY

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	465	43	237	6.9	5,204.8	5,204.8	5,205.2	0.4
B	691	79	268	5.9	5,208.4	5,208.4	5,208.7	0.3
C	1,101	78	171	9.3	5,214.5	5,214.5	5,214.6	0.1
D	1,558	70	205	7.7	5,222.5	5,222.5	5,222.8	0.3
E	1,769	60	174	9.1	5,224.8	5,224.8	5,224.8	0.0
F	2,000	69	240	8.5	5,228.0	5,228.0	5,228.3	0.3
G	2,199	61	192	8.3	5,232.0	5,232.0	5,232.4	0.4
H	2,400	46	187	8.5	5,234.6	5,234.6	5,235.1	0.5
I	2,900	30	167	9.5	5,239.1	5,239.1	5,240.0	0.9
J	3,193	50	176	9.0	5,245.8	5,245.8	5,245.9	0.1
K	3,295	55	279	5.7	5,249.4	5,249.4	5,250.3	0.9
L	3,343	50	178	8.9	5,249.8	5,249.8	5,250.1	0.3
M	3,700	43	168	9.4	5,255.0	5,255.0	5,255.1	0.1
N	4,248	34	139	5.7	5,264.1	5,264.1	5,264.8	0.7
O	4,400	46	237	3.3	5,270.3	5,270.3	5,271.0	0.7
P	4,564	39	93	8.6	5,272.4	5,272.4	5,272.4	0.0
Q	4,800	40	229	3.5	5,278.0	5,278.0	5,278.8	0.8
R	5,093	51	119	6.7	5,283.1	5,283.1	5,283.5	0.4
S	5,300	49	514	1.5	5,294.8	5,294.8	5,295.8	1.0
T	5,994	19	78	10.2	5,305.4	5,305.4	5,305.8	0.4
U	6,429	20	86	9.2	5,316.4	5,316.4	5,317.1	0.7

¹Feet above confluence with Willow Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: WILLOW CREEK TRIBUTARY

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	6,600	44	158	5.0	5,322.1	5,322.1	5,323.1	1.0
W	6,722	22	77	10.3	5,325.7	5,325.7	5,326.2	0.5
X	6,963	50	196	4.0	5,332.2	5,332.2	5,332.8	0.6
Y	7,070	25	82	9.6	5,334.2	5,334.2	5,334.5	0.3
Z	7,441	24	82	9.7	5,342.6	5,342.6	5,342.8	0.2
AA	7,800	29	89	8.9	5,355.2	5,355.2	5,355.4	0.2
AB	8,127	29	106	9.1	5,371.0	5,371.0	5,371.0	0.0
AC	8,300	75	616	1.3	5,383.5	5,383.5	5,384.4	0.9
AD	8,700	18	71	11.2	5,389.0	5,389.0	5,389.1	0.1
AE	9,048	43	94	8.5	5,400.8	5,400.8	5,400.8	0.0

¹Feet above confluence with Willow Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

YAVAPAI COUNTY, AZ

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: WILLOW CREEK TRIBUTATRY

Table 24: Floodway Data (continued)

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	206	88	342	6.3	3,266.7	3,252.3 ²	3,253.3	1.0
B	391	28	157	13.6	3,266.7	3,257.8 ²	3,257.8	0.0
C	444	52	407	5.3	3,266.7	3,261.1 ²	3,261.1	0.0
D	554	54	441	5.6	3,266.7	3,265.4 ²	3,265.9	0.5
E	818	76	317	7.9	3,266.7	3,265.4 ²	3,265.9	0.5
F	982	209	624	4.0	3,266.7	3,266.7	3,266.9	0.2
G	1,478	339	1,141	2.2	3,267.7	3,267.7	3,268.2	0.5
H	1,991	409	625	4.0	3,269.6	3,269.6	3,269.9	0.3
I	2,492	168	355	7.1	3,274.5	3,274.5	3,275.2	0.7
J	2,999	54	223	11.5	3,278.8	3,278.8	3,278.8	0.0
K	3,495	54	239	12.0	3,282.8	3,282.8	3,282.8	0.0
L	3,976	43	224	12.9	3,286.9	3,286.9	3,286.9	0.0
M	4,536	55	239	12.1	3,293.6	3,293.6	3,293.6	0.0

¹Feet above confluence with Verde River

²Elevation computed without consideration of backwater effects from Verde River

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY YAVAPAI COUNTY, AZ AND INCORPORATED AREAS	FLOODWAY DATA
		FLOODING SOURCE: ZALESKY WASH MAIN STEM

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

[Not applicable to this Flood Risk Project]

6.4 Coastal Flood Hazard Mapping

This section is not applicable to this Flood Risk Project

Table 26: Summary of Coastal Transect Mapping Considerations

[Not applicable to this Flood Risk Project]

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 31, “Map Repositories”).

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA. A LOMA cannot be issued for properties located on the PFD (primary frontal dune).

To obtain an application for a LOMA, visit www.fema.gov/floodplain-management/letter-map-amendment-loma and download the form “MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill”. Visit the “Flood Map-Related Fees” section to determine the cost, if any, of applying for a LOMA.

FEMA offers a tutorial on how to apply for a LOMA. The LOMA Tutorial Series can be accessed at www.fema.gov/online-tutorials.

For more information about how to apply for a LOMA, call the FEMA Map Information eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627).

6.5.2 Letters of Map Revision Based on Fill

A LOMR-F is an official revision by letter to an effective NFIP map. A LOMR-F states FEMA’s determination concerning whether a structure or parcel has been elevated on fill above the base flood elevation and is, therefore, excluded from the SFHA.

Information about obtaining an application for a LOMR-F can be obtained in the same manner as that for a LOMA, by visiting www.fema.gov/floodplain-management/letter-map-amendment-oma for the “MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill” or by calling the FEMA Map Information eXchange, toll free, at 1-877-FEMA MAP (1-877-336-2627). Fees for applying for a LOMR-F, if any, are listed in the “Flood Map-Related Fees” section.

A tutorial for LOMR-F is available at www.fema.gov/online-tutorials.

6.5.3 Letters of Map Revision

A LOMR is an official revision to the currently effective FEMA map. It is used to change flood zones, floodplain and floodway delineations, flood elevations and planimetric features. All requests for LOMRs should be made to FEMA through the chief executive officer of the community, since it is the community that must adopt any changes and revisions to the map. If the request for a LOMR is not submitted through the chief executive officer of the community, evidence must be submitted that the community has been notified of the request.

To obtain an application for a LOMR, visit www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/mt-2-application-forms-and-instructions and download the form “MT-2 Application Forms and Instructions for Conditional Letters of Map Revision and Letters of Map Revision”. Visit the “Flood Map-Related Fees” section to determine the cost of applying for a LOMR. For more information about how to apply for a LOMR, call the FEMA Map Information eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627) to speak to a Map Specialist.

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Yavapai County FIRM are listed in Table 27. Please note that this table only includes LOMCs that have been issued on the FIRM panels updated by this map revision. For all other areas within this county, users should be aware that revisions to the FIS Report made by prior LOMRs may not be reflected herein and users will need to continue to use the previously issued LOMRs to obtain the most current data.

Table 27: Incorporated Letters of Map Change

Case Number	Effective Date	Flooding Source	FIRM Panel(s)
10-09-3939P	12/21/2010	Chino Valley Stream, Chino Valley Stream East, Chino Valley Stream (Tributary)	04025C1295G ¹ 04025C1315G ¹ 04025C1660H 04025C1680G ¹
14-09-4204P	<date>	Big Chino Wash, Cottonwood Creek, Eastwood Creek, Hitt Wash, Indian Springs Wash, Kirkland Creek	04025C0450G 04025C0475G 04025C0500G 04025C0700G 04025C0725G 04025C0750G 04025C0950G 04025C0955G 04025C0965G 04025C0970G 04025C1275G 04025C1300G 04025C1650G 04025C1975G 04025C2350G 04025C2375G 04025C2725G 04025C2745G 04025C2750G 04025C2765G
14-09-4205P	<date>	American Wash, Miller Creek, Tributaries	04025C1275G 04025C1290G 04025C1300G 04025C1660G 04025C1666G 04025C1670G 04025C1675G 04025C2745G 04025C2765G 04025C3085G 04025C3150G

¹Although a portion of LOMR 10-09-3939P falls within the scope of this map revision, panels 04025C1295G, 04025C1315G and 04025C1680G were not revised. Therefore, users must continue to refer to the annotated FIRM attachment for this LOMR for FIRM panels 04025C1295G, 04025C1315G and 04025C1680G.

6.5.4 Physical Map Revisions

Physical Map Revisions (PMRs) are an official republication of a community’s NFIP map to effect changes to base flood elevations, floodplain boundary delineations, regulatory floodways and planimetric features. These changes typically occur as a result of structural works or improvements, annexations resulting in additional flood hazard areas or correction to base flood elevations or SFHAs.

The community's chief executive officer must submit scientific and technical data to FEMA to support the request for a PMR. The data will be analyzed and the map will be revised if warranted. The community is provided with copies of the revised information and is afforded a review period. When the base flood elevations are changed, a 90-day appeal period is provided. A 6-month adoption period for formal approval of the revised map(s) is also provided.

For more information about the PMR process, please visit www.fema.gov and visit the "Flood Map Revision Processes" section.

6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit www.fema.gov to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Yavapai County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBM) and/or Flood Boundary and Floodway Maps (FBFM) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 28, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.
- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 28 but not identified on the map, the community is treated as if it were unmapped.
- *Initial FHBM Effective Date* is the effective date of the first Flood Hazard Boundary Map (FHBM). This date may be the same date as the Initial NFIP Map Date.
- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.
- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community.

- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as Physical Map Revisions (PMR) of FIRM panels within the county are completed, the FIRM Revision Dates in the table for each community affected by the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Yavapai County FIRMs in countywide format was 06/06/2001.

Table 28: Community Map History

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Camp Verde, Town of	07/25/1978	07/25/1978	None	08/19/1985	10/16/2015 09/03/2010 06/06/2001 12/19/1997 09/20/1996 09/27/1991
Chino Valley, Town of	05/03/1974	05/03/1974	06/11/1976	09/01/1981	09/03/2010 06/06/2001 05/04/1992
Clarkdale, Town of	08/23/1974	08/23/1974	11/28/1975	12/01/1982	10/16/2015 09/03/2010 06/06/2001
Cottonwood, City of	06/07/1974	06/07/1974	05/02/1975	09/16/1981	10/16/2015 09/03/2010 06/06/2001 11/19/1987
Dewey-Humboldt, Town of ¹	07/25/1978	07/25/1978	None	08/19/1985	10/16/2015 09/03/2010 06/06/2001 03/09/1999 06/08/1998 12/19/1997 09/20/1996 05/18/1992
Jerome, Town of ²	None	None	None	None	10/16/2015 09/03/2010 06/06/2001

Table 28: Community Map History (continued)

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Prescott, City of	05/17/1974	05/17/1974	None	02/02/1977	09/03/2010 06/06/2001 08/19/1991 03/16/1988 09/04/1985 03/29/1983
Prescott Valley, Town of	03/11/1980	03/11/1980	None	08/16/1982	09/03/2010 06/06/2001 07/16/1990
Sedona, City of (Coconino County) ³	01/24/1975	01/24/1975	05/30/1978	11/16/1983	09/03/2010 09/30/1995 03/02/1993 12/17/1993 09/28/1990 09/30/1988
Sedona, City of (Yavapai County) ³	07/25/1978	07/25/1978	None	08/19/1985	09/03/2010 06/06/2001 03/09/1999 06/08/1998 12/19/1997 09/20/1996 05/18/1992
Wickenburg, Town of	02/01/1974	02/01/1974	10/10/1975	01/05/1978	10/16/2015 03/02/2015 10/16/2014 10/16/2013 09/03/2010 01/01/2004 07/19/2001 06/06/2001 09/04/1991 09/29/1989 03/29/1983

Table 28: Community Map History (continued)

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Yavapai County, Unincorporated Areas	07/25/1978	07/25/1978	None	08/19/1985	10/16/2015 09/03/2010 03/09/1999 06/08/1998 12/19/1997 09/20/1996 05/18/1992

¹ This community did not have its own FIRM prior to the first countywide FIS. The land area for this community was previously shown on the FIRM for the unincorporated areas of Yavapai County, but was not identified as a separate NFIP community. Therefore, the dates for this community were taken from the FIRM for Yavapai County.

² No Special Flood Hazard Areas Identified

³ This community did not have a FIRM prior to the first countywide FIRM for Yavapai and Coconino Counties. The land area for this community was previously shown on the FIRMs for the unincorporated areas of Yavapai and Coconino Counties, but was not identified as a separate NFIP community. Therefore, the dates for this community were taken from the respective FIRMs.

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

Table 29 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Beaver Creek, Black Canyon Creek, Cherry Creek, Cherry Creek Overflow, Del Monte Wash, Grampa Wash, Mescal Wash, North Fork Mescal Gulch, Oak Creek Tributary 1, Oak Creek Tributary 2, Oak Creek Tributary 3, and Oak Creek Tributary 4, Oak Wash, Pecks Lake, Pecks Lake Tributary, Pipe Creek, Silver Springs Gulch, Unnamed Creeks A, B, C, D, and F, Wikiup Creek, Wilburn Canyon Creek	October 16, 2015	BakerAECOM	HSFEHQ-09-D-0368	April 2012	Clarkdale, Town of, Cottonwood, City of, Camp Verde, Town of, Yavapai County, Unincorporated Areas
Big Bug Creek and Hackberry Creek	March 2, 2015	Baker AECOM	HSFEHQ-09-D-0368	June 2013	Yavapai County, Unincorporated Areas

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Big Chino Wash, Cottonwood Creek, Eastwood Creek, Hitt Wash, Indian Spring Creek, Kirkland Creek (South), Kirkland Creek (North), Long Canyon Creek, Mud Tank Wash, North Fork Date Creek, Poplar Wash, Ritter Creek, Strickland Wash (North), Strickland Wash (South), Unnamed Tributary to Kirkland Creek, Unnamed Tributary to Long Canyon Creek, Unnamed Tributary to Mud Tank Wash, Unnamed Tributary to Strickland Wash, Unnamed Tributary to Date Creek, Waterman Creek, Williamson Valley Wash	<date>	Atkins North America, Inc.	*	May 30, 2014	Yavapai County, Unincorporated Areas
Bottleneck Wash, Willow Creek, Willow Creek Tributary, Willow Creek Reservoir Tributary, and Granite Creek	April 24, 2015	JE Fuller Hydrology & Geomorphology, Inc.	*	*	Camp Verde, Town of, Clarkdale, Town of, Dewey-Humboldt, Town of, Sedona, City of, and Yavapai County, Unincorporated Areas

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Miller Creek, Model Creek, Harper Canyon Wash, Stone Way Wash, American Wash, Mint Wash, Sickles Wash, Little Sickles Wash, Maughan Creek, Juniper Spring Wash, Antelope Peak Wash, Little Harper Canyon Wash, Outcrop Creek, Whisper Creek, Jerome Canyon Wash, Meadowlark Wash, Buckhorn Creek, Dunlap Creek, Backwoods Creek, Cooper Wash, Dillon Wash	<date>	Atkins North America, Inc.	*	April 30, 2014	Yavapai County, Unincorporated Areas
Squaw Creek, Mud Springs Wash, Cougar Creek, Agua Fria River, and Black Canyon Creek	March 2, 2015	BakerAECOM	HSFEHQ-09-D-0368	February 2013	Yavapai County, Unincorporated Areas
Verde River	October 16, 2015	HDR	*	January 25, 2011	Clarkdale, Town of, Cottonwood, City of, Camp Verde, Town of, Yavapai County, Unincorporated Areas

*Data not available

7.2 Community Meetings

The dates of the community meetings held for this Flood Risk Project and previous Flood Risk Projects are shown in Table 30. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

Table 30: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Camp Verde, Town of	10/16/2015	06/05/2012	Final CCO	Town of Camp Verde, the Town of Clarkdale, the City of Cottonwood, and Yavapai County
Chino Valley, Town of	06/06/2001	1	1	1
Clarkdale, Town of	10/16/2015	06/05/2012	Final CCO	Town of Camp Verde, the Town of Clarkdale, the City of Cottonwood, and Yavapai County
Cottonwood, City of	10/16/2015	06/05/2012	Final CCO	Town of Camp Verde, the Town of Clarkdale, the City of Cottonwood, and Yavapai County
Dewey-Humboldt, Town of	06/06/2001 ²	1	1	1
Prescott, City of	06/06/2001	1	1	1
Prescott Valley, Town of	06/06/2001	1	1	1
Sedona, City of	06/06/2001 ³	1	1	1
Yavapai County, Unincorporated Areas	<date>	04/16/2015	Initial CCO	Yavapai County Flood Control District, FEMA, Atkins and BakerAECOM

¹Data not available

²Information for the CCO meeting dates for the Town of Dewey-Humboldt is taken from Yavapai County

³Information for the CCO meeting dates for the City of Sedona is taken from Yavapai County

SECTION 8.0 – ADDITIONAL INFORMATION

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see www.fema.gov.

The additional data that was used for this project includes the FIS Report and FIRM that were previously prepared for Yavapai County. (FEMA 2015).

Table 31 is a list of the locations where FIRMs for Yavapai County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Table 31: Map Repositories

Community	Address	City	State	Zip Code
Camp Verde, Town of	473 South Main Street, Suite 102	Camp Verde	AZ	86322
Chino Valley, Town of	1982 Voss Drive	Chino Valley	AZ	86323
Clarkdale, Town of	890 Main Street	Clarkdale	AZ	86324
Cottonwood, City of	1490 West Mingus Avenue	Cottonwood	AZ	86326
Dewey-Humboldt, Town of	2735 South Highway 69	Humboldt	AZ	86329
Jerome, Town of	600 Clark Street	Jerome	AZ	86331
Prescott, City of	201 South Cortez Street	Prescott	AZ	86303
Prescott Valley, Town of	7501 East Civic Circle	Prescott Valley	AZ	86314
Sedona, City of	102 Roadrunner Drive	Sedona	AZ	86336
Wickenburg, Town of	155 North Tegner Street, Suite A	Wickenburg	AZ	85390
Yavapai County, Unincorporated Areas	1120 Commerce Drive	Prescott	AZ	86305

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM databases and LOMCs. Together they create a GIS data layer for a State or Territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 32.

Table 32 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the State NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of State or territorial government to coordinate that State's or territory's

NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of State and local GIS data in their state.

Table 32: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/engineering-library
NFIP website	www.fema.gov/national-flood-insurance-program
NFHL Dataset	msc.fema.gov
FEMA Region IX	1111 Broadway, Suite 1200 Oakland, CA 94607-4052 1-800-621-3362
Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Brian Cosson, CFM AZ Dept. of Water Resources 3550 N. Central Ave. Phoenix, AZ 85012-2105 602-771-8657 btcosson@adwr.state.az.us
State GIS Coordinator	Gene Trobia State Cartographer, State Land Department Geographic Information Council, State of Arizona 1616 West Adams Street Phoenix, AZ 85007 602-542-4060 gtrobia@land.az.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

Table 33 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 33: Bibliography and References

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Aerial Mapping Company, 1994	Aerial Mapping Company	<i>Topographic Maps, Portions of Yavapai County, Scale 1:4,800, Contour Interval 4 feet</i>			April 1994	
Aerial Mapping Company, 1993	Aerial Mapping Company	<i>Topographic Maps, Portions of Yavapai County, Scale 1:2,400, Contour Interval 4 feet</i>			October 1993	
Aerial Mapping Company, 1993	Aerial Mapping Company	<i>Topographic Maps for Cherry Creek,, Scale 1:4,800, Contour Interval 4 feet</i>			October 1993	
Aerial Mapping Company, 1993	Aerial Mapping Company	<i>Topographic Maps for Lucky Canyon Wash and Copper Canyon Wash, Scale 1:2,400, Contour Interval 4 feet</i>			October 1993	
Aerial Mapping Company, 1993	Aerial Mapping Company	<i>Topographic Maps for Portions of Verde River, Scale 1:4,800, Contour Interval 4 feet</i>			October 1993	
Aerial Mapping Company, 1979	Aerial Mapping Company	<i>Topographic Map, Town of Prescott Valley, Arizona, Scale 1:2,400, Contour Interval 4 feet</i>			1979	
Aerial Mapping Company, 1979	Aerial Mapping Company	<i>Topographic Maps, Portions of Yavapai County, Scale 1:2,400, Contour Interval 4 feet</i>			1979	

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Aerial Mapping Company, 1982	Aerial Mapping Company	<i>Topographic Maps, Verde River from Bridgeport to Cottonwood, Big Chino Wash, Scale 1:2,400, Contour Interval 4 feet</i>			June 1982	
Amwest Engineering Inc., 1984	Amwest Engineering Inc.	<i>Topographic Map, Willow Creek, Scale 1:1,200, Contour Interval 1 foot</i>			November 1984	
City of Prescott, 2014	City of Prescott	<i>Technical Data Notebook for FEMA Floodplain Mapping of Willow Creek, Bottleneck Wash, and the Northern Segment of Granite Creek</i>			Updated January 2014	
City of Prescott, Arizona, 1973	City of Prescott, Arizona	<i>Topographic Map, City of Prescott, Arizona, Scale 1:24,000, Contour Interval 10 feet, 1973</i>			1973	
Cooper Aerial Surveys, 1993	Cooper Aerial Surveys	<i>Topographic Maps, Portions of Yavapai County, Scale 1:2,400, Contour Interval 2 feet</i>			April 1993	
Cooper Aerial Surveys, 1987	Cooper Aerial Surveys	<i>Topographic Maps, Scale 1:2,400, Contour Interval 2 feet, Town of Prescott Valley, Arizona</i>			June 1987	
Cooper Aerial Surveys, 1978	Cooper Aerial Surveys	<i>Aerial Photogrammetry, Town of Clarkdale, Arizona. Scale 1,8:400, Tucson, Arizona</i>			1978	

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Cooper Aerial Surveys, 1978	Cooper Aerial Surveys	<i>Aerial Photos, Town of Cottonwood, Yavapai County, Arizona, Scale 1:8,400, Tucson, Arizona</i>			1978	
Cooper Aerial Surveys, 1986	Cooper Aerial Surveys	<i>Topographic Maps for Sols Wash, Scale 1:2,400, Contour Interval 2 feet</i>			March 1986	
Cooper Aerial Surveys, 1989	Cooper Aerial Surveys	<i>Topographic Maps for South Rocky Boy Wash, Scale 1:4,800, Contour Interval 4 feet</i>			May 1989	
Cooper Aerial Surveys, 1978	Cooper Aerial Surveys	<i>Topographic Maps, Town of Clarkdale, Yavapai County, Arizona, Scale 1:2,400, Contour Interval 2 feet, Tucson, Arizona</i>			1978	
Cooper Aerial Surveys, 1978	Cooper Aerial Surveys	<i>Topographic Maps, Town of Cottonwood, Yavapai County, Arizona, Scale 1:2,400, Contour Interval 2 feet, Tucson, Arizona</i>			1978	
Cooper Aerial Surveys, 2011	Cooper Aerial Surveys	<i>Aerial Letter Mapping - Willow Creek FDS</i>			February 2011	
Cooper Aerial Surveys, 2011	Cooper Aerial Surveys	<i>Aerial Letter Mapping - Granite Creek</i>			February 2011	
FEMA, 2011	Federal Emergency Management Agency	<i>Conditional Letter of Map Amendment (Hydrology), Granite Creek & Willow Creek, Yavapai County, Arizona Case #11-09-0942R</i>	Prepared by BakerAECOM		2011	

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA, 2015	Federal Emergency Management Agency	<i>Verde River PMR TSDN, Case #11-09-0922S. Prepared by BakerAECOM</i>			2015	
FLO-2D Software, Inc., 2009	FLO-2D Software, Inc.	<i>FLO-2D Basic dynamic flood routing model, Version Basic v2009, computer software program</i>			2009	
Henningson, Durham & Richardson, Inc.	Henningson, Durham & Richardson, Inc.	<i>Topographic Maps, Aspen Creek, Manzanita Creek, and Willow Creek, Scale 1:4,800, Contour Interval 4 feet, updated</i>				
Kelley/Wise Engineering, Inc., 2012	Kelly/Wise Engineering, Inc.	<i>Field Survey Reports - FEMA Floodplain Mapping of Willow Creek, Bottleneck Wash, and Northern Segment of Granite Creek</i>			November 2012	
Kenny Aerial Mapping, Inc.	Kenny Aerial Mapping, Inc.	<i>Topographic Map, City of Prescott, Yavapai County, Arizona, Scale 1:4,800, Contour Interval 4 feet</i>				
Kenny Aerial Mapping, Inc., 1986	Kenny Aerial Mapping, Inc.	<i>Topographic Maps for West Clear Creek, Scale 1" = 400', Contour Interval 4 feet</i>			February 1986	
Kenny Aerial Mapping, Inc., 1988	Kenny Aerial Mapping, Inc.	<i>Topographic Maps, Scale 1:1,200, Contour Interval 2 feet</i>			August 1988	

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Kenny Aerial Mapping, Inc., 1984	Kenny Aerial Mapping, Inc.	<i>Topographic Maps, Town of Cottonwood, Yavapai County, Arizona, Scale 1:2,400, Contour Interval 2 feet, Phoenix, Arizona</i>			November 1983 February 1984	
Robert Hardy, 1984	Prescott City of Public Works	<i>Over 14 Inches of Rain in One Day (Article of September 1983 storm event)</i>	Robert Hardy		April 1984	
Sanborn Mapping Company Inc., 2008	Sanborn Mapping Company, Inc.	<i>Aerial Mapping Report - Aerial Triangulation Report</i>			December 2008	
Sanborn Map Company Inc., 2012	Sanborn Mapping Company, Inc.	<i>LiDAR data for Yavapai County</i>			2012	
Sellers and Hill, Editors, 1973	University of Arizona Press	<i>Arizona Climates</i>	Sellers and Hill, Editors	Tucson, Arizona	1973	
Sellers, W.D., Hill R.H, and Sanderson-Rae, M., 1986		<i>Arizona Climate, The First Hundred Years</i>	Sellers, W.D Hill, R.H. Sanderson-Rae, M.		1986	
U.S. Census Bureau, 2013	U.S. Census Bureau	<i>2012 Population Estimate</i>			Accessed July 29, 2013	http://www.census.gov/
U.S. Census Bureau, 2013	U.S. Census Bureau	<i>American Fact Finder</i>			Accessed July 29, 2013	http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5YR_DP03

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
U.S. Department of Agriculture, 1971	U.S. Department of Agriculture, Forest Service	<i>Topographic Maps, Southwestern Region, Oak Creek Canyon, Scale 1: 2,400, Contour Interval 5 feet, Flagstaff, Arizona</i>			1971	
USACE, 2010	U.S. Department of the Army, Corps of Engineers	<i>HEC-RAS River Analysis System, Version 4.1</i>			January 2010	
U.S. Department of the Interior, Geological Survey	U.S. Department of the Interior, Geologic Survey	<i>7.5 Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 feet, Camp Verde, Yavapai County, Arizona</i>				
U.S. Department of the Interior, Geological Survey, 2007	U.S. Department of the Interior, Geologic Survey	<i>Peak FQ – Flood Frequency Analysis Based on Bulletin 17B, Version 5.2</i>			November 1, 2007	
U.S. Department of the Interior, Geological Survey, 2011	U.S. Department of the Interior, Geological Survey	<i>Estimated Manning's Roughness Coefficients for Stream Channels and Floodplains in Maricopa County, Arizona</i>			April 2011	
Vertical Mapping Resources, Inc., 2007	Vertical Mapping Resources, Inc.	<i>Topographic Mapping for Big Bug Creek, 2- foot interval contours</i>			April 3, 2007	

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Vertical Mapping Resources, Inc., 2007	Vertical Mapping Resources, Inc.	<i>Light Detection and Ranging (LiDAR) collection and aerial imagery, State Plane NAD83, NAVD88, 1-meter post spacing for 193 square miles,</i>			Flight date April 24, 2007	
Vertical Mapping Resources, Inc., 2011	Vertical Mapping Resources, Inc.	<i>Topographic mapping for Yavapai County, 2- foot interval contours</i>			2011	
WRG Design, Inc., 2008	WRG Design, Inc.	<i>Big Bug Creek Detailed Flood Hazard Study</i>			February 10, 2008	
Yavapai County Development Services Flood Control District, 2011	Yavapai County Development Services Flood Control District	<i>Technical Data Notebook for Big Bug Creek Flood Hazard Study</i>	Cardno WRG, Inc.		August 2011	
Yavapai County Flood Control District, 2008	Yavapai County Flood Control District	<i>Hydrologic Analyses and Results for the Agua Fria River and Tributaries</i>	HDR		January 2008	
Yavapai County Flood Control District, 2010	Yavapai County Flood Control District	<i>Yavapai County GIS Tools Project</i>			October 2010	
Yavapai County Flood Control District, 2011	Yavapai County Flood Control District	<i>Verde River Flood Hazard Assessment- Floodplain Redelineation- Clarkdale through Beasley Flat, Yavapai County, Arizona. Prepared by HDR</i>			January 25, 2011	

Table 33: Bibliography and References (continued)

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Yavapai County Flood Control District, 2012	Yavapai County Flood Control District	<i>Floodplain Delineation Study of Agua Fria River and Tributaries, Including Black Canyon Creek, Squaw Creek, Mud Springs Wash, and Un-Named Tributary</i>	JE Fuller Hydrology and Geomorphology		February 2012	
Yavapai County Flood Control District, 2013	Yavapai County Flood Control District	<i>Drainage Design Manual for Yavapai County, Draft Edition</i>		April 2013		
Yavapai County Flood Control District, 2013	Yavapai County Flood Control District	<i>Cottonwood Tributaries Zone A Floodplain Delineation Study, Technical Data Notebook. Prepared by Atkins</i>			April 2013	
Yavapai County Flood Control District	Yavapai County Flood Control District	<i>Topographic Maps, Scale 1:1,200, Contour Interval 2 feet</i>				