

Appendix R1.5

Flood Hazard, Hydrology, and Drainage

This appendix presents a table of historic range of discharges for gaged streams in the Plan Area.

Appendix R1.5 Flood Hazard, Hydrology, and Drainage

**Table R1.5-1
Historic Range of Discharges for Gaged Streams in the Plan Area**

USGS Station ID and Site #	Name/Location	County	Drainage Area (sq.mi.)	Historic Instantaneous Peak Discharge (cfs) & Date	Historic Maximum Mean Daily Discharge (cfs)	Historic Minimum Mean Daily Discharge (cfs)
10254970 2964	New River at International Boundary at Calexico, CA	Imperial Salton Sea	N.A.	833 9-25-97	833	46
09427520 4688	Colorado River below Parker Dam, AZ-CA	San Bernardino Lower Colorado	182,700	42,400 2-8-37	40,400	1,350
09429010 3999	Colorado River at Palo Verde Dam, CA-AZ.	Riverside Lower Colorado	186,200	42,300 6-30-83	42,300	1,260
09429100	Colorado River below Palo Verde Dam, AZ-CA	Riverside Lower Colorado	186,200	42,300 6-30-83	42,300	875
09429490	Colorado River above Imperial Dam, AZ-CA	Imperial Lower Colorado	188,500	40,800 8/18/83	40,700	538
09429500	Colorado River below Imperial Dam, AZ-CA	Imperial Lower Colorado	188,500	NA	30,200	27
10255885	San Felipe Creek near Westmorland, CA	Imperial	1,693	100,000 9-10-76	17,100 9-10-76	0
10253540	Corn Springs Wash near Desert Center, CA	Riverside	24.1	10,500 10-3-68	450 10-3-68	0
10253600	Eagle Creek above Eagle Mountain, CA	Riverside	7.71	380 8-23-61	20	0
10253320	Quail Wash near Joshua Tree, CA	San Bernardino	100	930 1-10-78	1.8	0
10253350	Fortynine Palms Creek near Twentynine Palms, CA	San Bernardino	8.55	1,240 8-7-63	69	0
09428530	Arch Creek near EARP, CA	San Bernardino	1.52	7,160 8-19-71	300	0
10260200	Pipes Creek near Yucca Valley, CA	San Bernardino	15.1	640 3-4-78	53	0
09428200	Copper Basin Wash below Copper Basin Reservoir	San Bernardino	11.6	NA	35	0
09427800	Eureka Wash near Parker Dam, AZ-CA	San Bernardino	1.67	NA	3.9	0.04
09427600	Desilt Wash near Parker Dam, AZ-CA	San Bernardino	0.43	NA	3.0	0.66

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09424170	Gene Wash below Gene Wash Reservoir near Parker Dam, AZ-CA	San Bernardino	6.79	NA	2.0	0.11
10260950	West Fork Mojave River above Mojave River Forks Reservoir near Hesperia, CA	San Bernardino Mojave River	70.3	11,700 1-11-05	7,630 1-11-05	0
10260400	Cushenbury Creek near Lucerne, CA	San Bernardino	6.36	530 2-25-69	108	0
10263630	Big Rock Creek above Pallett Creek near Valyermo, CA	Los Angeles Antelope Valley	34.4	2,800 1-9-05	1,600	0.06
10263665	Pallett Creek at Big Rock Creek near Valyermo CA	Los Angeles Antelope Valley	15.1	1,330 1-9-05	300	0
10263675	Big Rock Creek Wash at Hwy 138 near Llano, CA	Los Angeles	53.1	NA	566	0
09424050	Chemehuevi Wash Tributary near Needles, CA	San Bernardino	2.04	114 9-26-62	5.0	0
10253080	Sunflower Wash near Essex, CA	San Bernardino	3.31	972 9-18-63	70	0
10261500	Mojave River at Lower Narrows near Victorville, CA	San Bernardino Mojave River	513	70,600 3-2-38	21,000	0
10264530	Pine Creek near Palmdale, CA	Los Angeles Antelope Valley	1.78	120 2-18-93	15	0
10264520	Amargosa Creek Tributary near Leona Valley, CA	Los Angeles	0.05	19 11-29-70	NA	0
10264555	Estates Creek near Quartz Hill, CA	Los Angeles	0.10	NA	8.9	0
10261800	Beacon Creek at Helendale, CA	San Bernardino	0.72	360 8-7-68	1.7	0
10264560	Spencer Canyon Creek near Fairmont, CA	Los Angeles Antelope Valley	3.68	846 1-10-05	12	0
10261900	Mojave River above West Crossing near Helendale, CA	San Bernardino	958	32,200 2-25-69	17,000	0
10262000	Mojave River near Hodge, CA	San Bernardino	1091	12,700 2-10-78	9,430	0
10262500	Mojave River at Barstow, CA	San Bernardino Mojave River	1290	64,300 3-3-38	18,100 3-3-38	0
10263000	Mojave River at Afton, CA	San Bernardino Mojave River	2121	18,000 1-26-69	10,000 2-20-93	0

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10264590	Cottonwood Creek near Rosamond, CA	Kern	35.7	260 2-25-69	11	0
10264650	Bissell Hills Creek at Edwards Air Force Base, CA	Kern	0.76	0.30	0.10	0
10262600	Boom Creek near Barstow, CA	San Bernardino Mojave River	0.24	131 10-18-05	2.2	0
10264660	Mojave Creek at Rosamond Blvd at Edwards, CA	Kern	175	42 7-10-99	6.8 2-13-01	0
10264658	Mojave Creek at Forbes Ave at Edwards Air Force Base, CA	Kern	168	13 8-1-00	0.56	0
10264675	Rogers Lake Tributary at Edwards Air Force Base, CA	Kern	1.73	11 2-12-92	2.5	0
10264605	Joshua Creek near Mojave, CA	Kern	3.83	2,540 8-16-65	2.1	0
10264600	Oak Creek near Mojave, CA	Kern	15.8	1,740 5-14-73	413	
10264740	Cache Creek near Mojave, CA	Kern	96.5	2,100 6-7-72	130 6-7-72	0
11196420	Tehachapi Creek near Tehachapi, CA	Kern	53.2	5,560 3-1-83	2,030	0
10264750	Pine Tree Creek near Mojave, CA	Kern	34.2	30,000 8-23-61	750	0
10252550	Caruthers Creek near Ivanpah, CA	San Bernardino	0.84	NA	NA	NA
10264770	Cottonwood Creek near Cantil, CA	Kern	163	5,150 8-8-63	49	0
10264710	Goler Gulch near Randsburg, CA	Kern	41.3	776 2-25-69	15	0
10252330	Wheaton Wash near Mountain Pass, CA	San Bernardino	10.2	NA	0	0
10252300	China Spring Creek near Mountain Pass, CA	San Bernardino	0.94	113 8-5-64	2.4 8-5-64	0
10251259	Amargosa River At Highway 127 near CA-NV State Line	Inyo Northern Mojave	1,542	660 9-22-07	25	0
10251300	Amargosa River at Tecopa, CA	Inyo Northern Mojave	3,090	10,600 8-19-83	1,500	0
10251375	Amargosa River at Dumont Dunes near Death Valley, CA	San Bernardino	3,284	800 9-12-99	40	0

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10251350	Horsethief Creek near Tecopa, CA	San Bernardino	3.06	850 9-6-69	18 9-6-69	0
10264870	Little Lake Creek near Little Lake, CA	Inyo	8.29	7.0 8-4-64	0.60	0
10277400	Owens River below Tinemaha Reservoir near Big Pine, CA	Inyo	1,964	1,050 8-24-83	1,050	5
10277500	Owens River near Big Pine, CA	Inyo	1,976	3,220 1-26-14	2,890 1-26-14	7
10285700	Owens River at Keeler Bridge near Lone Pine, CA	Inyo	2,604	1,360 6-19-69	1,350	0
10285500	Tuttle Creek near Lone Pine, CA	Inyo	14.7	85 5-21-07	36	4
10251100	Salt Creek near Stovepipe Wells, CA	Inyo	N.A.	363 2-9-76	58	.05
10282000	Independence Creek near Independence, CA	Inyo	18.8	144 7-9-06	140	2.0
10281500	Oak Creek near Independence, CA	Inyo	26.9	234 7-3-09	234	5.5
10278500	Goodale Creek near Aberdeen, CA	Inyo	11.2	27 7-2-09	27	2.0
10278000	Taboose Creek near Aberdeen, CA	Inyo	11.5	56 7-14-06	46	1.4
10276500	Tinemaha Creek near Big Pine, CA	Inyo	27.3	66 6-25-09	66	1.8
10277000	Birch Creek near Big Pine, CA	Inyo	10.8	77 7-3-09	77	0.5

USGS = U.S. Geological Survey

NA = Not Available

Reference: USGS 2012