

THE SAN GABRIEL RIVER : SOUTHERN CALIFORNIA : DISCHARGE REGIME

Above Whittier Narrows Dam

Water Year 2016 - 2017

Monthly Discharge Regime Cu feet / sec

Some flow is regulated upstream by reservoirs and abstraction for irrigation and groundwater replacement

OCT	4156
NOV	5768
DEC	10750
JAN	13830
FEB	5382
MAR	64
APR	394
MAY	342
JUN	225
JUL	64
AUG	2
SEP	0

1. Draw a River Regime line graph for the San Gabriel river in the water year 2016 - 2017
2. Label periods of HIGH and LOW flow
3. In which months are floods most likely
4. Briefly describe the discharge regime of the river San Gabriel

Daily Discharge Regime JANUARY 2107
Cu feet /sec for each day

1	1.8	11	538	21	913	31	26.4
2	0	12	1560	22	4780		
3	0	13	32.4	23	1120		
4	1.1	14	51.4	24	173		
5	321	15	82.6	25	90.9		
6	0	16	2.4	26	213		
7	0.1	17	79.3	27	288		
8	0	18	92.1	28	151		
9	592	19	94	29	93.2		
10	6.5	20	2490	30	55		

1. Draw a Discharge regime bar graph
2. When were floods most likely?