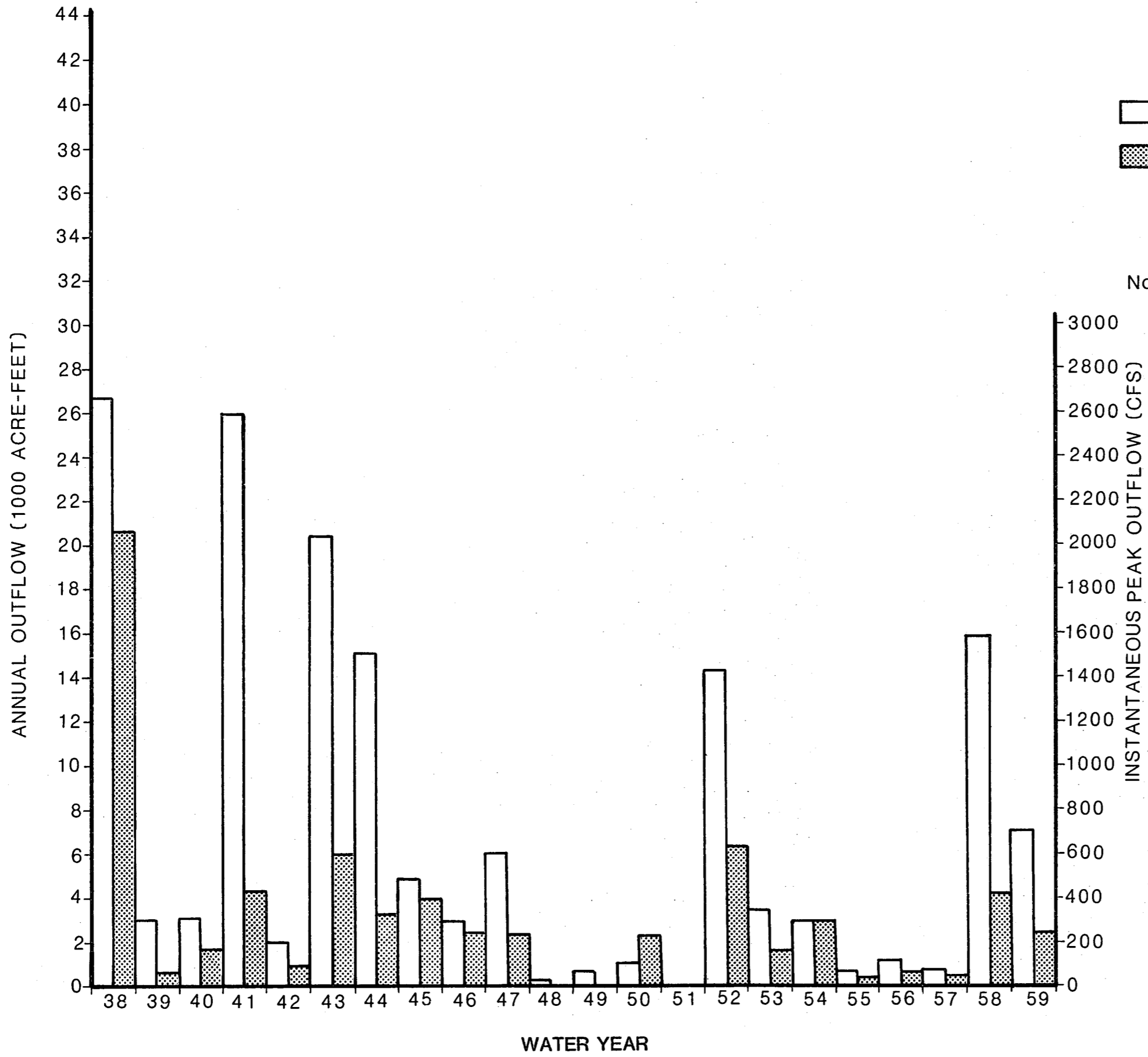


See Table 4-2 for the information used to develop this Plate

PACOIMA WASH, CALIFORNIA LOPEZ DAM
STATISTICAL PRECIPITATION PARAMETERS
U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

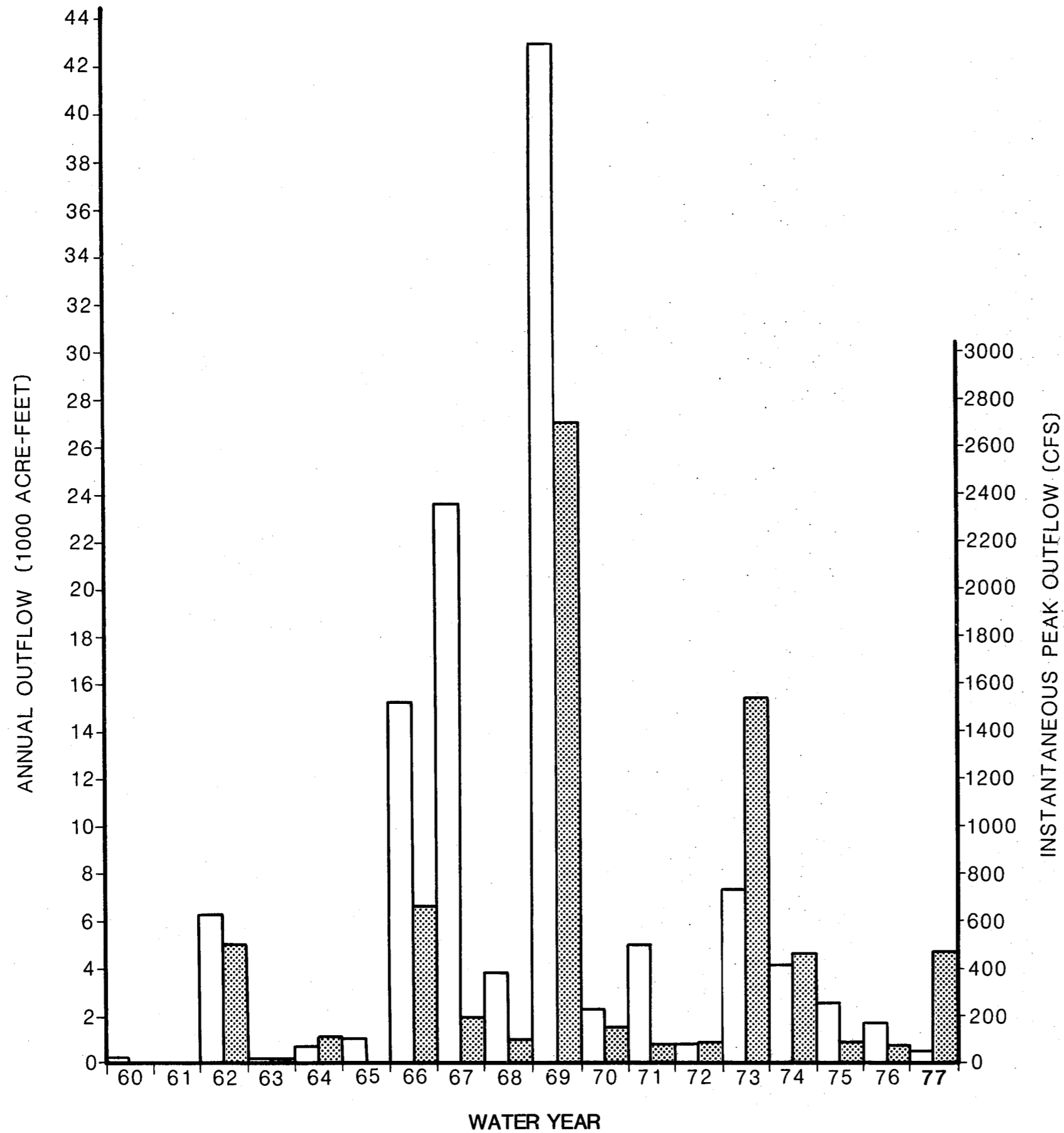


LEGEND

- ANNUAL OUTFLOW
- PEAK OUTFLOW

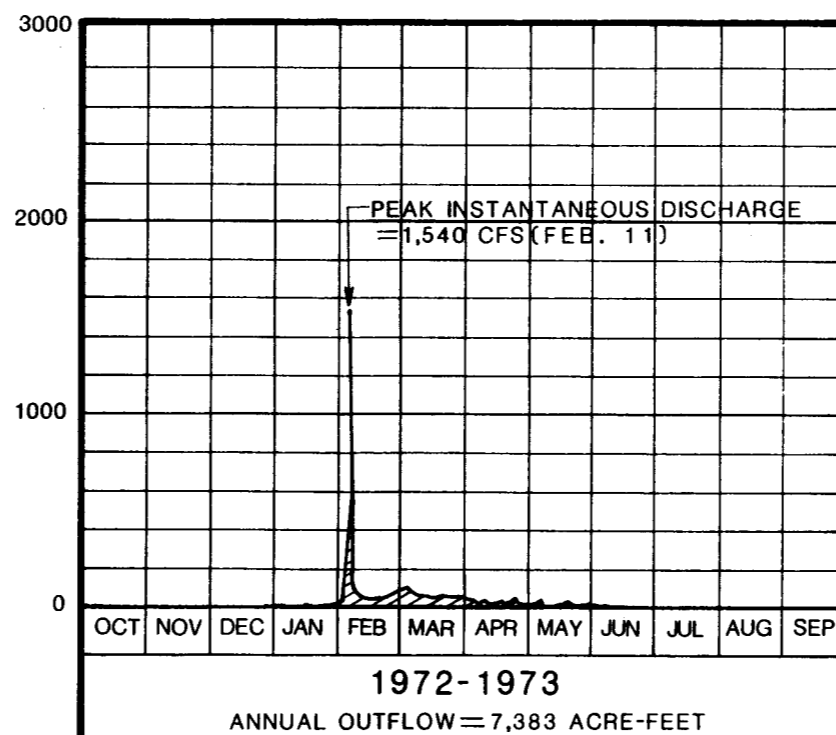
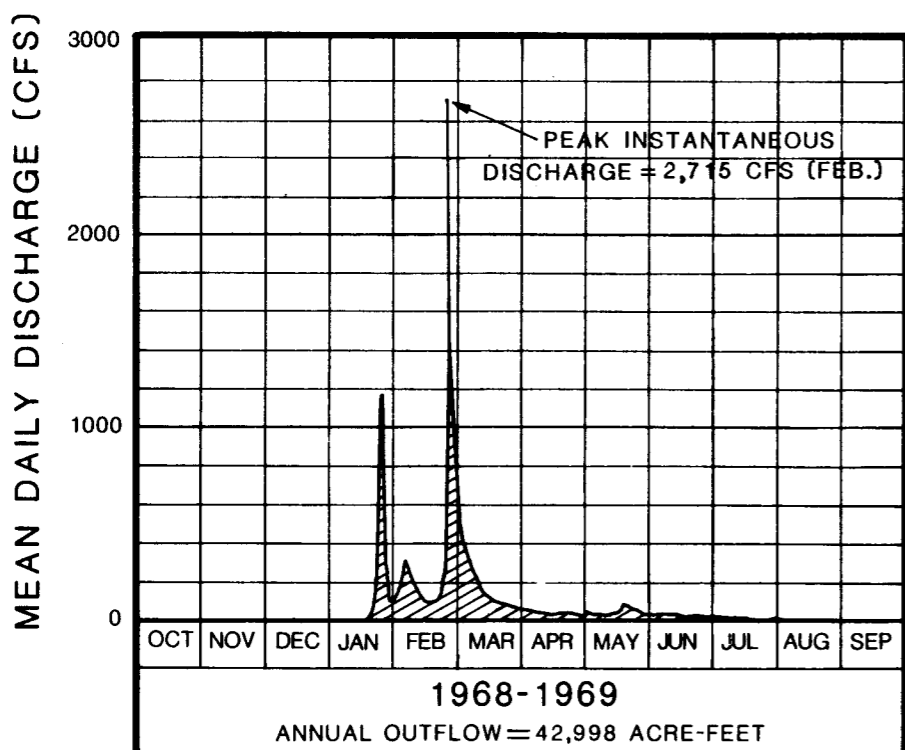
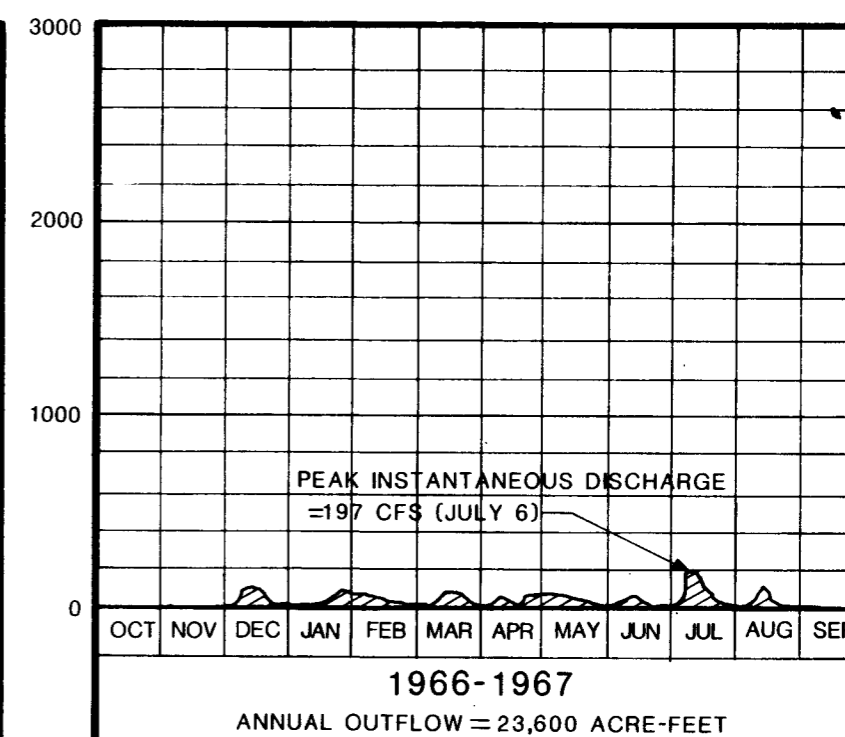
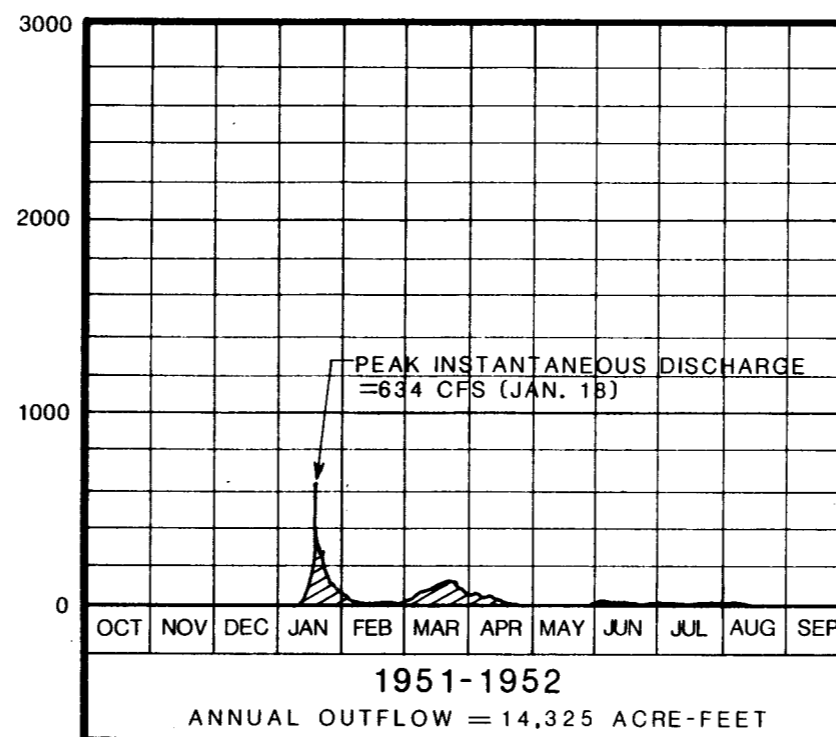
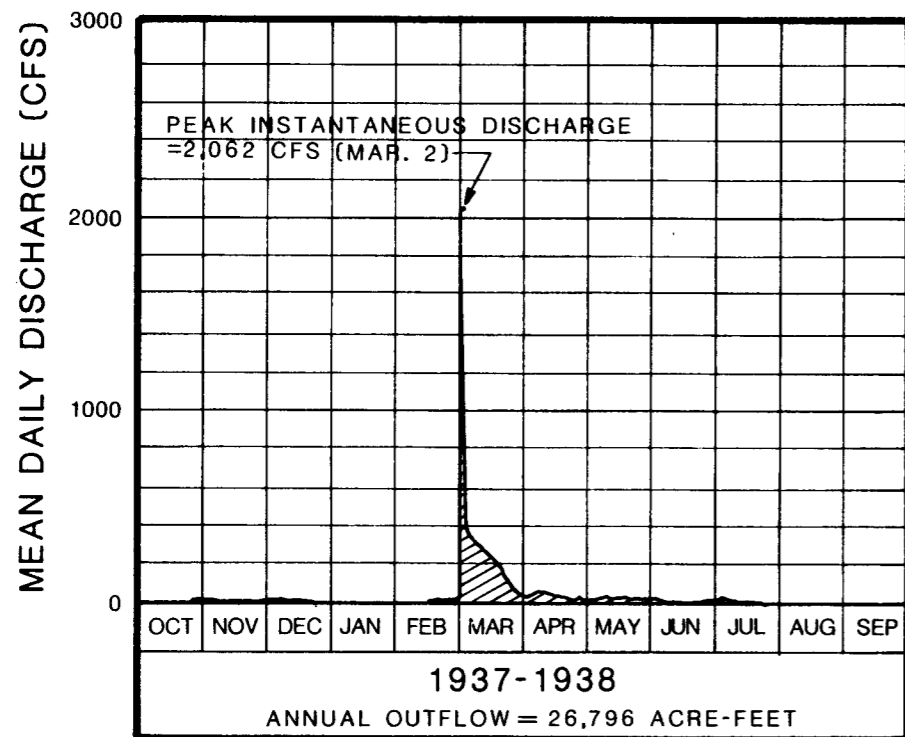
Note: Outflow data provided by Los Angeles Department of Public Works (LACDPW) for Pacoima Creek Flume below Pacoima Dam. LACDPW Station No. F118B-R.

PACOIMA WASH, CALIFORNIA LOPEZ DAM
<b>PACOIMA DAM OUTFLOW</b>  (1938-1959)
U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



Note: Outflow data provided by Los Angeles County Department of Public Works (LACDPW) for Pacoima Creek Flume below Pacoima Dam. LACDPW Station No. F118B-R.

PACOIMA WASH, CALIFORNIA LOPEZ DAM
<b>PACOIMA DAM OUTFLOW</b>  (1960-1977)
U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

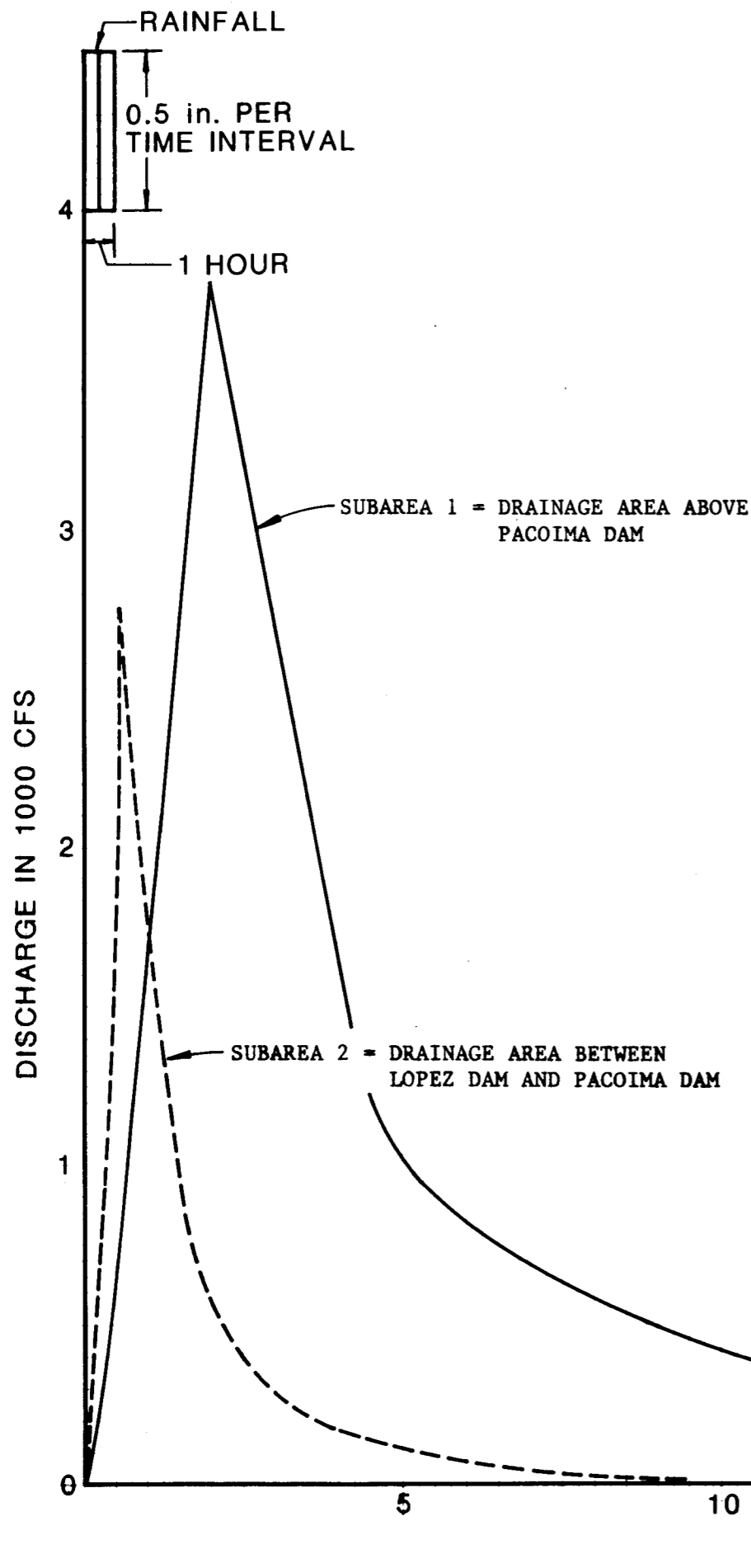


Note: Hydrographs were compiled from records provided by (LACDPW) for Pacoima Creek Flume below Pacoima Dam.

PACOIMA WASH, CALIFORNIA  
LOPEZ DAM

**SELECTED PACOIMA DAM  
OUTFLOW HYDROGRAPHS**

U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



	SUBAREA 1	SUBAREA 2
Mountain S-Graph		
Area (Square Miles)	28.20	5.80
Length of Longest Watercourse in Basin (Miles)	18.75	4.06
Length Along Longest Watercourse from Basin Outlet to Point Perpendicular to the Centroid of the Basin (Miles)	10.80	1.91
Basin Slope (Feet/Mile)	218.0	578.0
Basin Roughness	0.055	0.045
Hydrograph Computation Time Interval (Hours)	0.5	0.5
Time for 50 Percent of the Total Volume of Runoff to Occur - Lag Time (Hours)	3.57	0.70
Ratio of Hydrograph Time Interval to Lag Time	0.1401	0.7143

		SUBAREA 1		SUBAREA 2	
t (hr)	Q (cfs)	t (hr)	Q (cfs)	t (hr)	Q (cfs)
0	0	16.0	200	32.5	73
0.5	1183	16.5	200	33.0	52
1.0	1607	17.0	200	33.5	27
1.5	2549	17.5	183	34.0	27
2.0	3762	18.0	179	34.5	27
2.5	4001	18.5	179	35.0	27
3.0	2728	19.0	179	35.5	27
3.5	2073	19.5	163	36.0	27
4.0	1641	20.0	157	36.5	27
4.5	1195	20.5	157	37.0	27
5.0	1019	21.0	157	37.5	27
5.5	982	21.5	155	38.0	27
6.0	826	22.0	132	38.5	27
6.5	760	22.5	132	39.0	27
7.0	688	23.0	132	39.5	27
7.5	637	23.5	132	40.0	27
8.0	618	24.0	132	40.5	27
8.5	509	24.5	114	41.0	27
9.0	476	25.0	101	41.5	27
9.5	457	25.5	101	42.0	27
10.0	425	26.5	101	42.5	27
10.5	398	27.0	101	43.0	27
11.0	364	27.5	101	43.5	27
11.5	353	28.0	91	44.0	27
12.0	340	28.5	73	44.5	27
12.5	321	29.0	73	45.0	27
13.0	275	29.5	73	45.5	27
13.5	275	30.0	73	46.0	27
14.0	243	30.5	73	46.5	22
14.5	226	31.0	73		
15.0	226	31.5	73		
15.5	215	32.0	73		

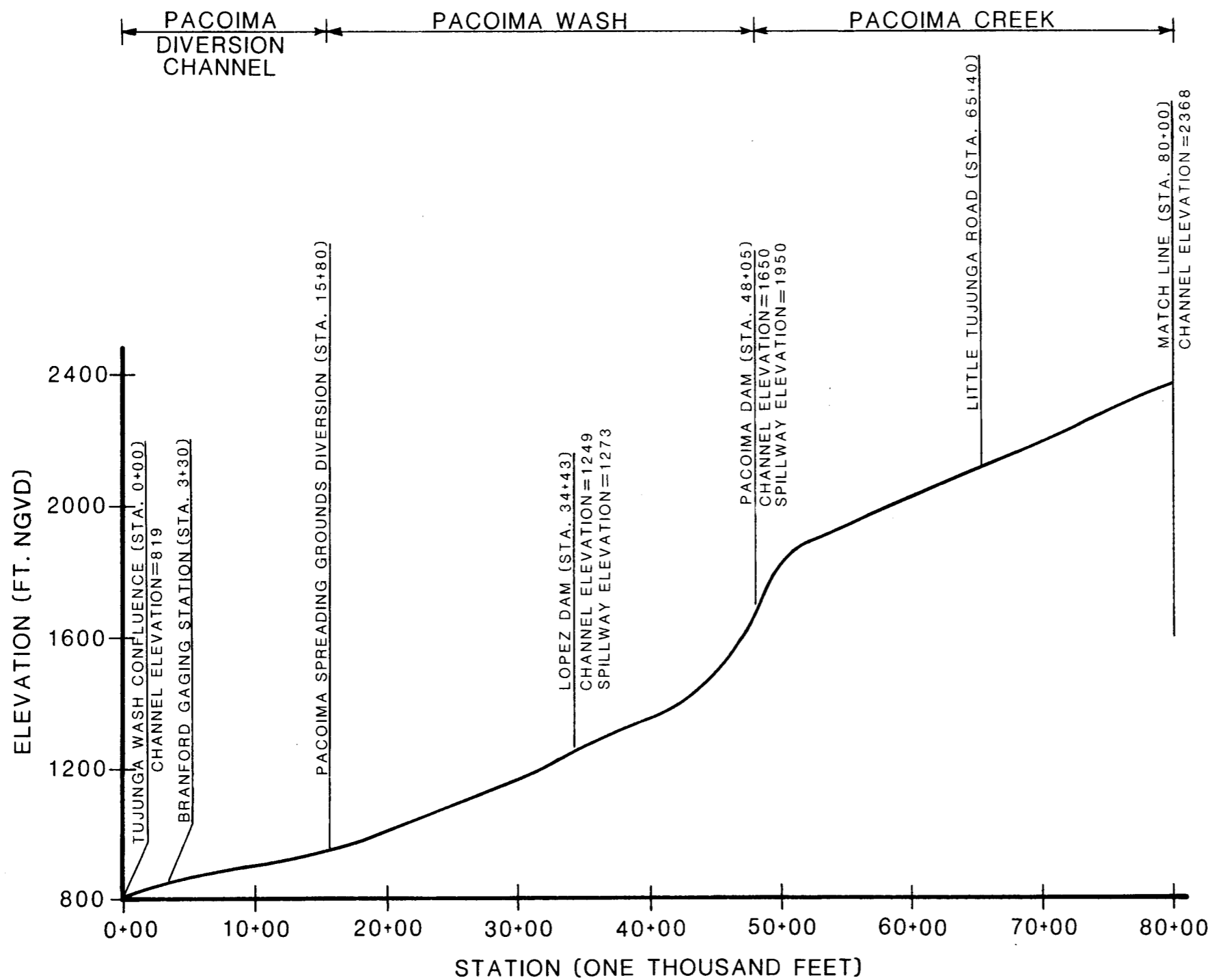
=7,482 Acre-Feet

=36,378 Acre-Feet

PACOIMA WASH, CALIFORNIA  
LOPEZ DAM

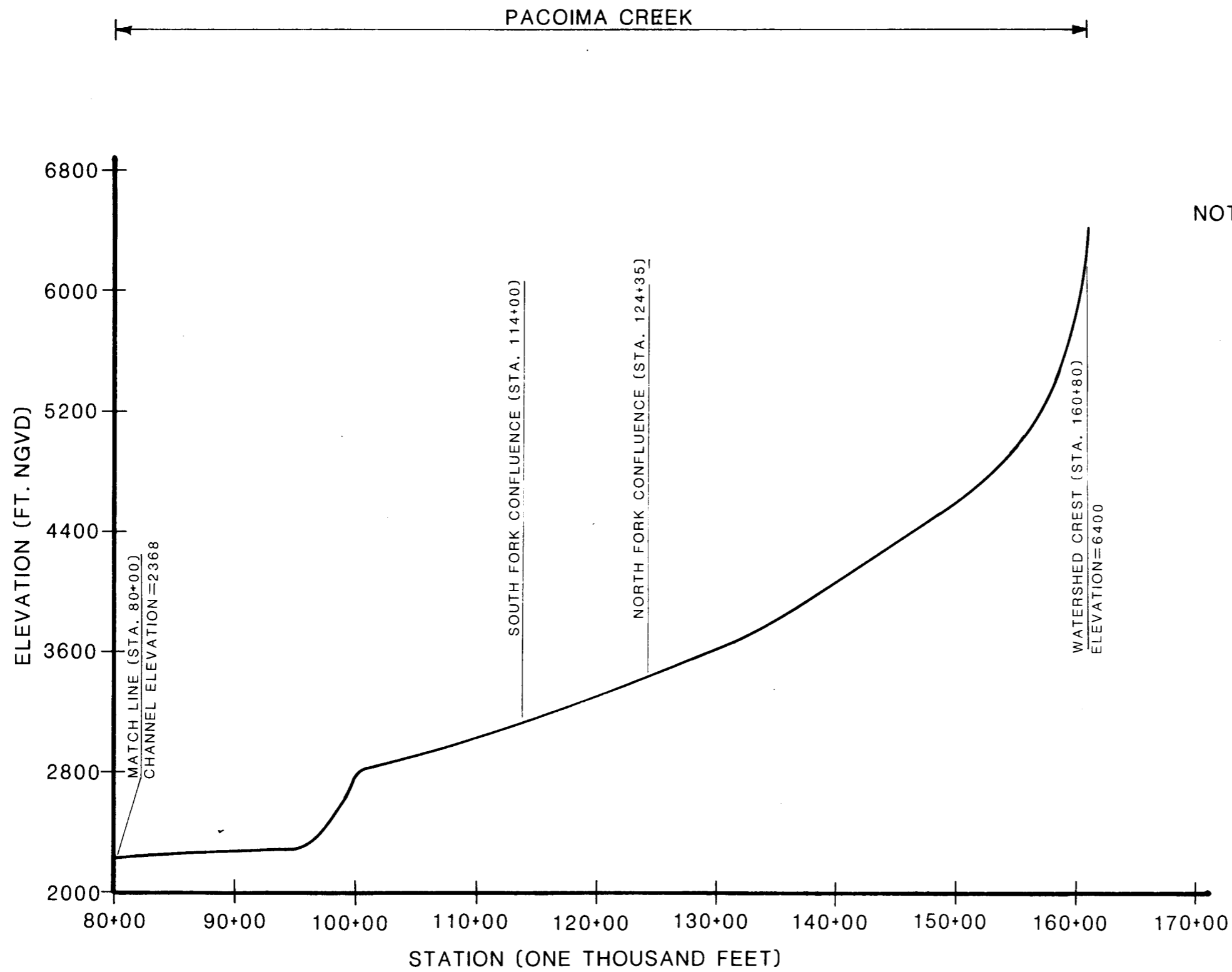
**BASIN UNIT HYDROGRAPH**  
SUBAREA 1 = DRAINAGE AREA ABOVE PACOIMA DAM  
SUBAREA 2 = DRAINAGE AREA BETWEEN LOPEZ DAM AND PACOIMA DAM

U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



NOTE: Channel elevations taken from U.S.G.S. Quadrangle maps (Van Nuys, San Fernando, Sunland, Agua Dulce, Condor Peak, and Acton.)

PACOIMA WASH, CALIFORNIA LOPEZ DAM
<b>PACOIMA CHANNEL PROFILE</b> <b>(STA. 0+00 - STA. 80+00)</b>
U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



NOTE: Channel elevations taken from U.S.G.S. Quadrangle maps (Van Nuys, San Fernando, Sunland, Agua Dulce, Condor Park, and Acton.)

PACOIMA WASH, CALIFORNIA LOPEZ DAM
<b>PACOIMA CHANNEL PROFILE</b> <b>(STA. 80+00 - STA. 160+80)</b>
U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT