

References Relevant to Fullerton Dam.  
(Chronological Listing)

- a. Orange County Flood Control District, "The Control of Floods and Conservation of Water in Orange County California," dated April 1929.
- b. Orange County Flood Control District, "Engineering and Geological Reports for Flood Control and Conservation Project of Orange County Flood Control District," dated April 1931.
- c. U.S. Engineer Office, Los Angeles, California, "Basis for Design, Santa Ana River Improvement," dated April 1938.
- d. U.S. Engineer Office, Los Angeles, California, "Hydrology in the East Fullerton Creek Drainage Area", dated October 1939.
- e. U.S. Engineer Office, Los Angeles, California, "Fullerton Dam, Analysis of Design", Revised, dated July, 1940.
- f. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Operation and Maintenance Manual for Fullerton Dam", dated July, 1963.
- g. U.S. Army Engineer District, Los Angeles Corps of Engineers, Preliminary Report, "Review of Safety and Functional Adequacy of Fullerton Dam", dated October 1968.
- h. U.S. Army Engineer District, Los Angeles Corps of Engineer, "Fullerton Dam and Reservoir, Periodic Inspection and Continuing Evaluation Report No. 1", dated May 1969.
- i. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Interim Report, Review of Design Features of Existing Dams, Hydrology and Hydraulic Review of Prado, Brea, Fullerton, and Salinas Dams", dated November 1969.
- j. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Reservoir Regulation Manual for Fullerton Flood-Control Reservoir", dated May 1970.
- k. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Operation and Maintenance Manual for Fullerton Dam", dated August 1970.
- l. Orange County Planning Department, "The Physical Environment of Orange County", dated November 1971.
- m. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Fullerton Dam; Dam, Outlet Works and Spillway, Periodic Inspection Report No. 2", dated February 1974.
- n. Orange County Flood Control District, "Hydrology Report, Fullerton Creek Channel, Facility No. A03", Revised June 1974.
- o. Orange County Flood Control District, "Hydrology Report, Loftus Diversion Channel, Facility No. A06", Revised, June 1974.

p. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Fullerton Dam Master Plan", dated August 1974.

q. U.S. Department of Housing and Urban development, Federal Insurance Administration, "Flood Insurance Study, City of Fullerton, Orange County, California", dated July 1977.

r. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Fullerton Dam; Dam, Outlet Works and Spillway, Periodic Inspection Report No. 3", dated April 1979.

s. U.S. Army Engineer District, Los Angeles Corps of Engineers, "Fullerton Dam; Dam, Outlet Works and Spillway, Periodic Inspection Report No. 4", dated February 1984.

t. Orange County Environmental Management Agency, "Project Report for that Portion of Fullerton Creek Channel Facility No A03 from Wilshire Ave. to Chapman Avenue", dated April 1986.

u. U.S Army Engineer District, Los Angeles Corps of Engineers, "Draft Environmental Assessment for Fullerton Dam Water Control Plan," dated September 1986.

FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

REFERENCES RELEVANT

TO FULLERTON DAM

US ARMY CORPS OF ENGINEERS

LOS ANGELES DISTRICT

Fullerton Dam Elevation-Area - Capacity Table (based on June 1970 Survey).

Area (Acres)	Elevation (ft.)	Storage (Acre-Feet)												
		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9			
0	261	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	262	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.7	0.7	0.7	0.9
3.7	263	1.1	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.2	3.6	3.6	3.6	3.6
	264	3.9	4.3	4.7	5.1	5.5	6.0	6.4	6.9	7.3	7.8	7.8	7.8	7.8
6.7	265	8.3	8.8	9.4	9.9	10.4	11.0	11.6	12.1	12.7	13.3	13.3	13.3	13.3
	266	14.0	14.6	15.2	15.9	16.6	17.3	18.1	18.8	19.6	20.4	20.4	20.4	20.4
	267	21.2	22.0	22.9	23.7	24.6	25.5	26.5	27.4	28.4	29.4	29.4	29.4	29.4
10.0	268	30.4	31.4	32.4	33.5	34.6	35.7	36.8	37.9	39.0	40.2	40.2	40.2	40.2
	269	41.4	42.6	43.8	45.0	46.2	47.5	48.8	50.1	51.4	52.7	52.7	52.7	52.7
13.5	270	54.0	55.4	56.8	58.1	59.5	61.0	62.4	63.8	65.3	66.8	66.8	66.8	66.8
	271	68.3	68.3	71.3	72.9	74.4	76.0	77.6	79.2	80.8	82.4	82.4	82.4	82.4
16.9	272	84.1	85.7	87.4	89.1	90.9	92.6	94.4	96.2	98.0	99.9	99.9	99.9	99.9
	273	101.7	103.6	105.5	107.5	109.4	111.4	113.4	115.4	117.4	119.4	119.4	119.4	119.4
20.7	174	121.6	123.7	125.8	127.9	130.1	132.2	134.5	136.7	138.9	141.1	141.1	141.1	141.1
24.9	275	143.4	145.6	147.9	150.2	152.5	154.9	157.2	159.6	162.0	164.4	164.4	164.4	164.4
	276	166.8	169.2	171.7	174.2	176.7	179.3	181.9	184.5	187.2	189.9	189.9	189.9	189.9
	277	192.6	195.3	198.1	200.9	203.8	206.6	209.6	212.5	215.5	218.5	218.5	218.5	218.5
30.1	278	221.5	224.6	227.6	230.7	233.9	237.0	240.2	253.4	246.7	249.9	249.9	249.9	249.9
	279	253.2	256.5	259.9	263.2	266.6	270.0	273.5	276.9	280.4	283.9	283.9	283.9	283.9
35.4	280	287.5	291.0	294.6	298.2	301.9	305.5	309.2	312.9	316.6	320.4	320.4	320.4	320.4
	281	324.2	327.9	331.8	335.6	339.5	343.4	347.3	351.2	355.1	359.1	359.1	359.1	359.1
40.1	282	363.1	367.1	371.2	375.3	379.4	383.5	384.6	391.8	395.8	400.1	400.1	400.1	400.1
	283	400.4	408.6	412.9	417.2	421.5	425.8	430.2	434.5	438.9	443.4	443.4	443.4	443.4
44.8	284	447.8	452.3	456.8	461.3	465.8	470.4	475.0	479.6	484.3	489.0	489.0	489.0	489.0
49.9	285	493.7	498.4	503.2	508.0	512.8	517.6	522.5	527.4	532.3	537.3	537.3	537.3	537.3
	286	542.3	547.3	552.3	557.4	562.4	567.6	572.7	577.9	583.1	588.3	588.3	588.3	588.3
	287	593.5	598.8	604.1	609.5	614.8	620.2	625.7	631.1	636.6	642.1	642.1	642.1	642.1
55.3	288	647.6	653.3	658.7	664.4	670.0	675.7	681.3	687.1	692.8	698.6	698.6	698.6	698.6
	289	704.3	710.2	716.0	721.9	727.8	733.7	739.6	745.6	751.6	757.7	757.7	757.7	757.7
60.7	290	763.7	769.8	775.9	782.0	788.2	794.4	800.6	806.9	813.1	819.4	819.4	819.4	819.4
	291	825.8	832.1	838.5	844.9	851.4	857.8	864.3	870.9	877.4	884.0	884.0	884.0	884.0
	292	890.6	897.3	903.9	910.7	917.4	924.2	931.1	938.0	944.9	951.9	951.9	951.9	951.9
	293	958.9	965.9	973.0	980.1	987.3	994.5	1001.8	1009.0	1016.4	1023.7	1023.7	1023.7	1023.7
	294	1031.2	1038.6	1046.1	1053.6	1061.2	1068.8	1076.4	1084.1	1091.8	1099.5	1099.5	1099.5	1099.5
99.9	295	1107.3	1115.1	1122.9	1130.8	1138.7	1146.7	1154.7	1162.7	1170.8	1178.9	1178.9	1178.9	1178.9
	296	1187.0	1195.2	1203.4	1211.7	1220.0	1228.3	1236.7	1245.1	1253.6	1262.1	1262.1	1262.1	1262.1
	297	1270.6	1279.2	1287.8	1296.4	1305.1	1313.9	1322.6	1331.4	1340.3	1349.2	1349.2	1349.2	1349.2
	298	1358.1	1367.1	1376.1	1385.1	1394.2	1403.3	1412.5	1421.6	1430.8	1440.1	1440.1	1440.1	1440.1
	299	1449.4	1458.7	1468.1	1477.5	1486.9	1496.3	1505.8	1515.4	1524.9	1534.5	1534.5	1534.5	1534.5
	300	1544.2	1553.8	1563.6	1573.3	1583.1	1592.9	1602.7	1612.6	1622.5	1632.5	1632.5	1632.5	1632.5
	301	1642.5	1652.5	1662.6	1672.7	1682.8	1693.0	1703.2	1713.4	1723.7	1734.0	1734.0	1734.0	1734.0
	302	1744.3	1754.7	1765.1	1775.6	1786.0	1796.5	1807.1	1817.7	1828.3	1839.0	1839.0	1839.0	1839.0
	303	1849.7	1860.4	1871.2	1882.0	1892.8	1903.7	1914.6	1925.5	1936.5	1947.5	1947.5	1947.5	1947.5
	304	1958.5	1969.6	1980.7	1991.9	2003.1	2014.3	2025.5	2036.8	2048.2	2059.5	2059.5	2059.5	2059.5
	305	2070.9	2082.4	2093.8	2105.3	2116.9	2128.4	2140.0	2151.7	2163.4	2175.1	2175.1	2175.1	2175.1
	306	2186.8	2198.6	2210.4	2222.3	2234.2	2246.1	2258.1	2270.1	2282.1	2294.2	2294.2	2294.2	2294.2
	307	2306.3												

FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

RESERVOIR AREA  
AND CAPACITY TABLE

US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT

Flood Control Basin Land Use Allocations  
1985

<u>Grantee</u>	<u>Type*</u>	<u>Purpose</u>	<u>Acreage**</u>	<u>Term</u>		
				<u>From</u>	<u>To</u>	
	<u>Instrument</u>			<u>Y M D</u>	<u>Y M D</u>	
County of Orange	Lease	Park & Recreation	111.26	72	11 1 97	1931
Union Oil Co.	Easement	Water Pipeline		43	1 2 93	1 6
Pacific Tel & Tele	License	Communication Facilities	0	81	17 26 86	725
Group W Cable Inc	License	Cable Line		81	7 1 86	630
S. Calif Edison	License	Power Line	0.05	81	215 86	214
Glass, Mr. Bud	Lease	Mobile Home, Dam Tender		84	2 6 86	2 5
Fullerton, City of	Easement	Sewer Line	0.14	74	12 23 24	1222
Fullerton, City of	Easement	Sewer Line	0.19	73	312 23	311
Fullerton, City of	Easement	Water Pipeline	0.42	73	119 23	118
Fullerton, City of	Easement	Sewer Line	0.07	70	910 20	9 9
Orange County FCD	Easement	Storm Drain	4.66	54	1013 04	1012
S. Calif Edison	Easement	Power Line	1.50	54	4 1 04	331
Fullerton, City of	Easement	Road	3.09	61	4 5	
Cty Sanitation Dist	Easement	Sewer Line	2.09	66	1213	
Brea, City of	Easement	Road	3.03	64	413	
Brea, City of	Easement	Sewer Line	1.84	67	426	
California, State of	Easement	Access Road	5.99	68	828	
Orange County FCD	Easement	Access Road	0.38	69	313	
Orange County	Easement	Road	0.63	45	217	
City of Fullerton	Easement	Road	5.79	45	220	

**\*Instruments:**

- Easement - A privilege or right of use or enjoyment which one person may have in the lands of another, i.e., a right-of-way.
- Lease - A contract between the owner and the tenant, setting forth conditions upon which tenant may occupy and use the property, and the term of occupancy.
- License - Authority to enter or use another person's land or property, without possessing estate in it - revocable.

**\*\***The total of the individual parcels does not exactly equal the total land originally bought due to minor variances in estimating the area of small land tracts.

FULLERTON DAM FULLERTON CREEK CALIFORNIA
FLOOD CONTROL BASIN
LAND USE ALLOCATIONS
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

Craig Regional Park Facility Elevations.

ELEV (FT. N.G.V.D.)

FEATURES IN BASIN

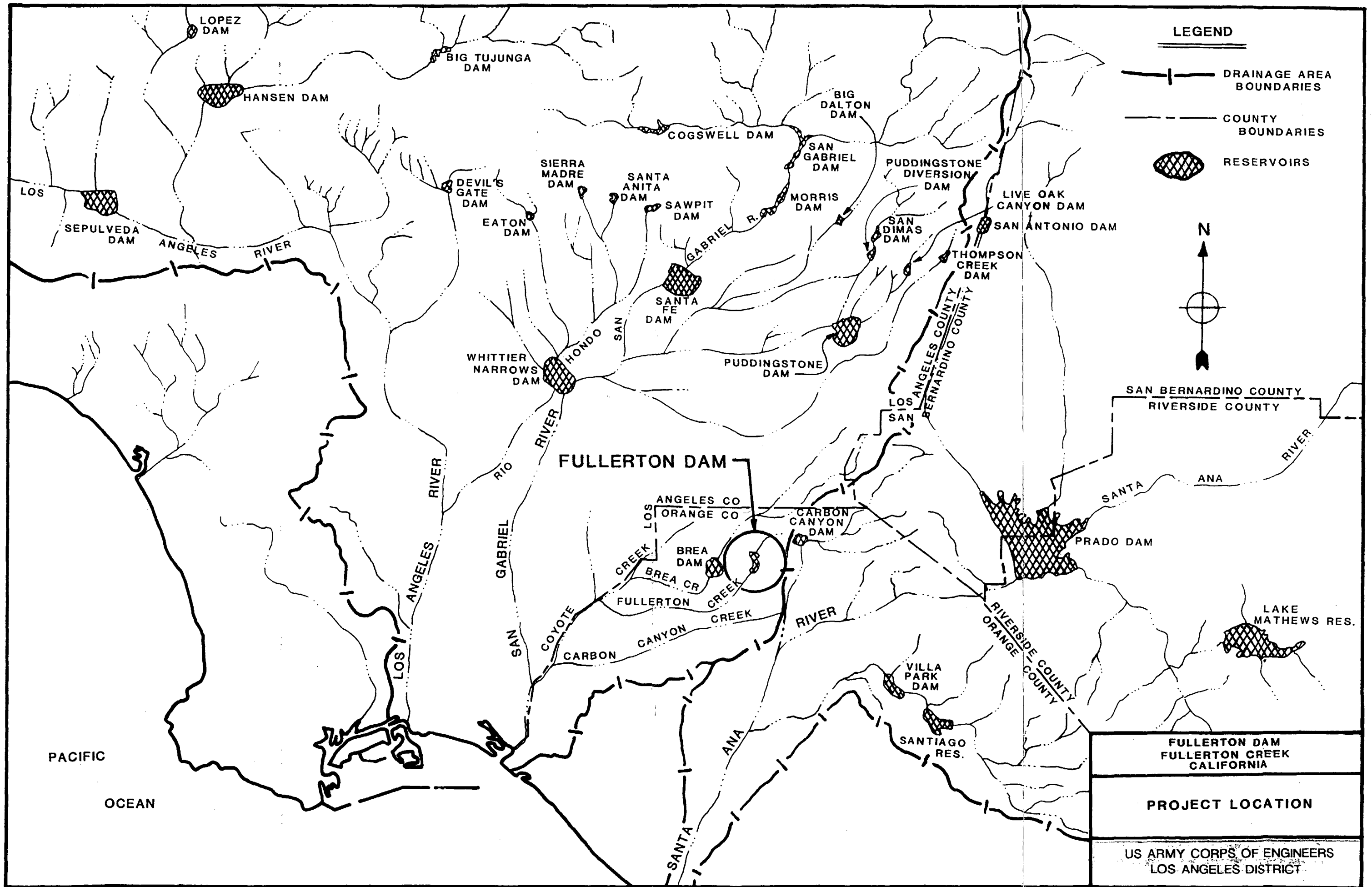
268.....	Turn Around Road
Silted Over.....	Multi-Purpose Turfball Field
275.....	Baseball Field No. 2
276.....	Baseball Field No. 1
277.....	Baseball Field No. 3
277.....	Baseball Field No. 4
279.....	Baseball Field No. 5
281.....	Handball Courts
282.....	Ramada No. 2
284.....	Volleyball Courts (Sand)
284.....	Basketball Courts
285.....	Ramada Storage
286.....	Volleyball Courts (Sand)
287.....	Restroom No. 3
287.....	Maintenance Building
288.....	Ramada Storage/Restroom
288.....	Equestrian Trail
288.....	Basketball Courts
289.....	Gazebo Tot Lot #1
291.....	Ramada No. 1
291.....	Ramada No. 4
293.....	Gazebo No. 2
295.....	Ramada No. 3
295.....	Restroom No. 4
296.....	Restroom No. 2
298.....	Restroom No. 6
304.....	Equestrian Trail
309.....	Gazebo No. 1
314.5.....	Restroom No. 1
321.....	Amphitheater
328.....	Administration Building
328.....	Gazebo No. 3
332.....	Restroom No. 5
338.....	Gazebo Tot Lot #2
341.....	Viewing Pavilion

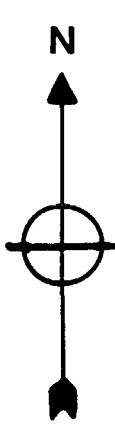
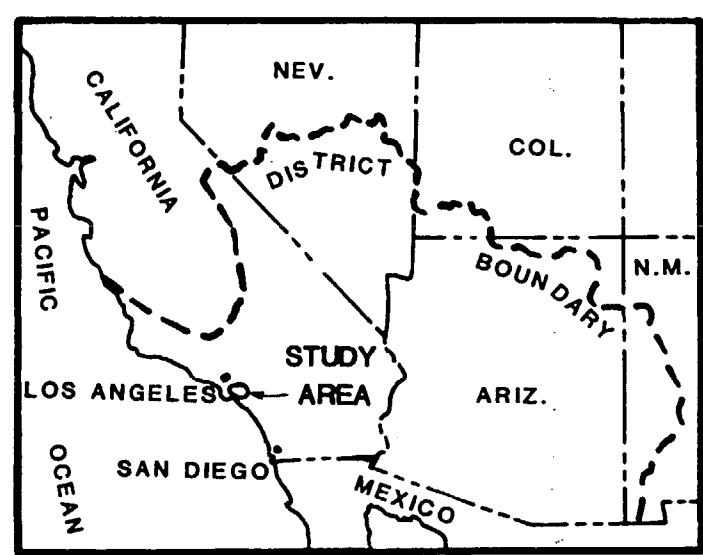
FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA




CRAIG REGIONAL PARK

FACILITY ELEVATIONS

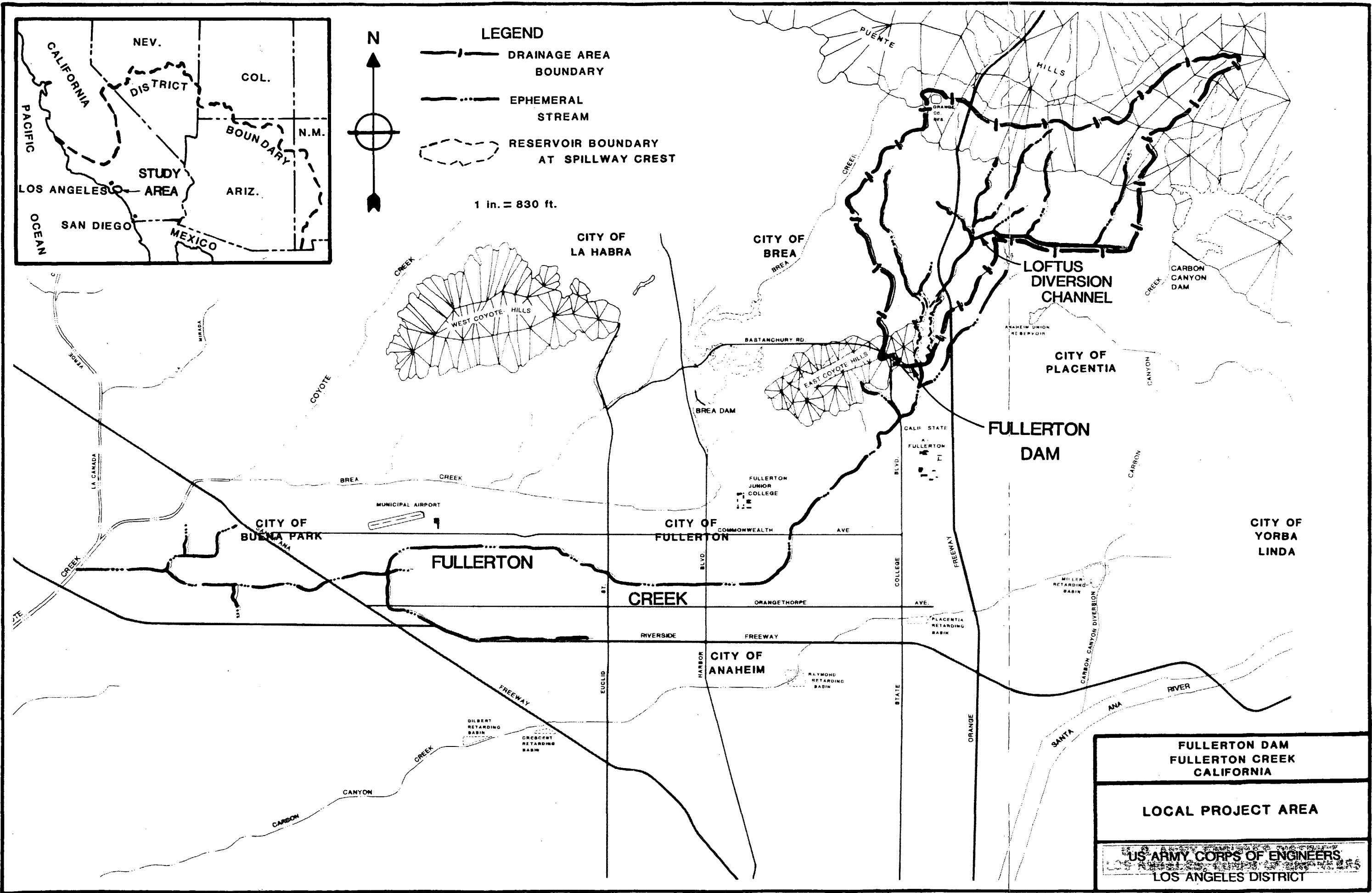
US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



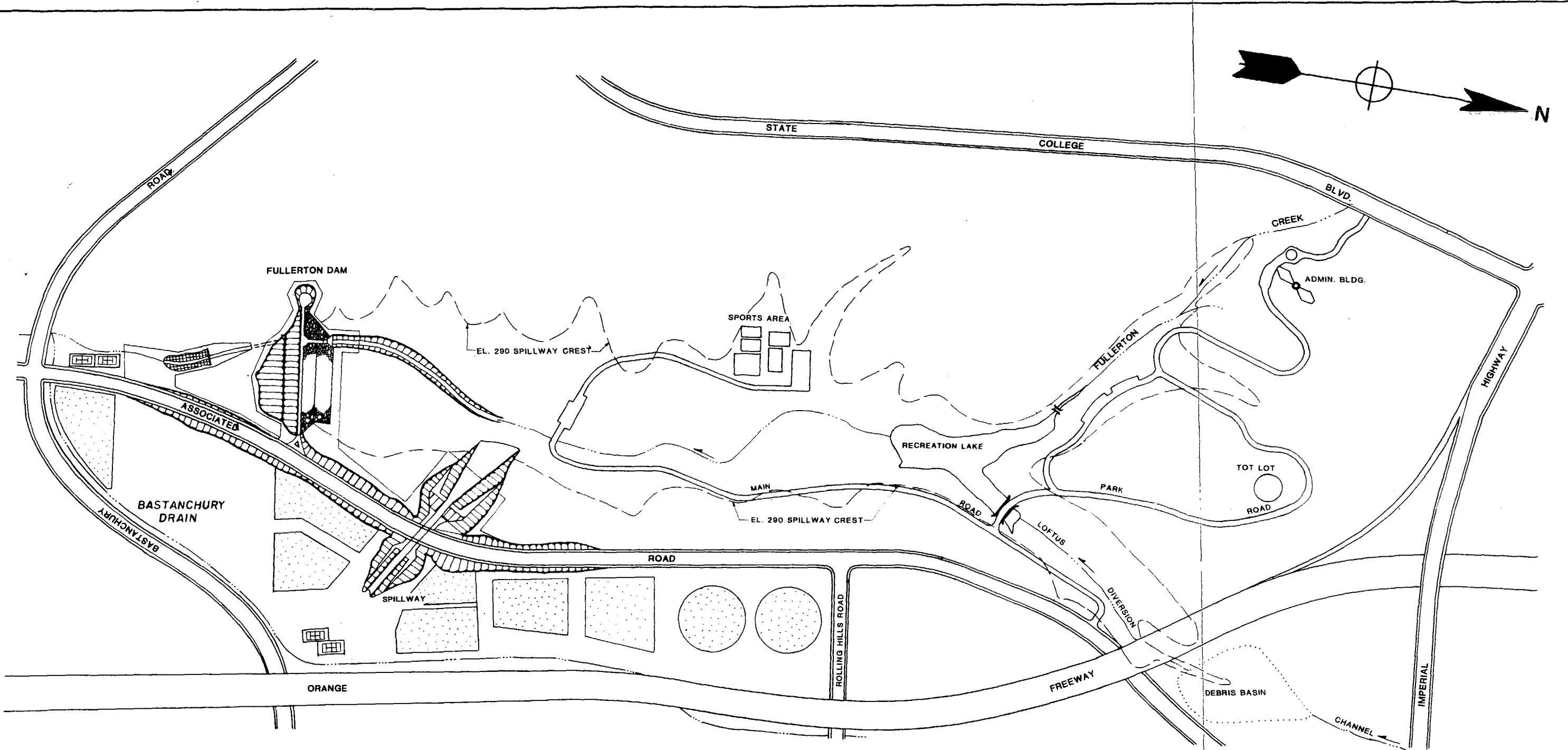
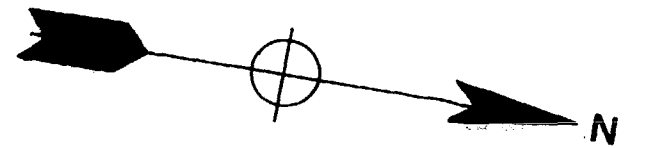


- LEGEND**
-  DRAINAGE AREA BOUNDARY
  -  EPHEMERAL STREAM
  -  RESERVOIR BOUNDARY AT SPILLWAY CREST

1 in. = 830 ft.



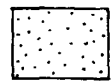
<b>FULLERTON DAM FULLERTON CREEK CALIFORNIA</b>
<b>LOCAL PROJECT AREA</b>
<b>US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT</b>



1 in. = 450ft.

**LEGEND**

--- STREAM CHANNEL



APARTMENT COMPLEX

**FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA**

**SITE PLAN**

**U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT**

**The Plate you are attempting to access is not currently available.**

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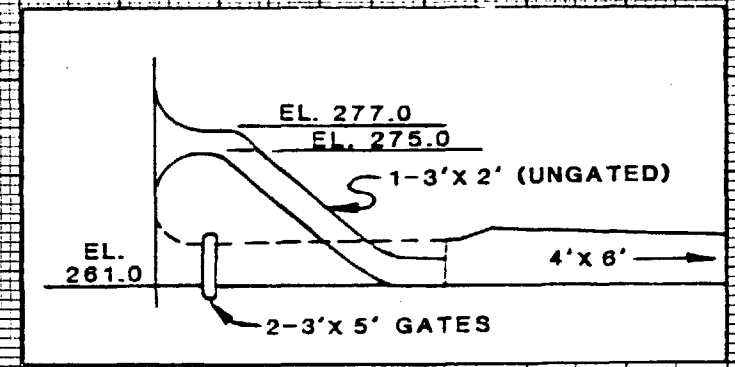
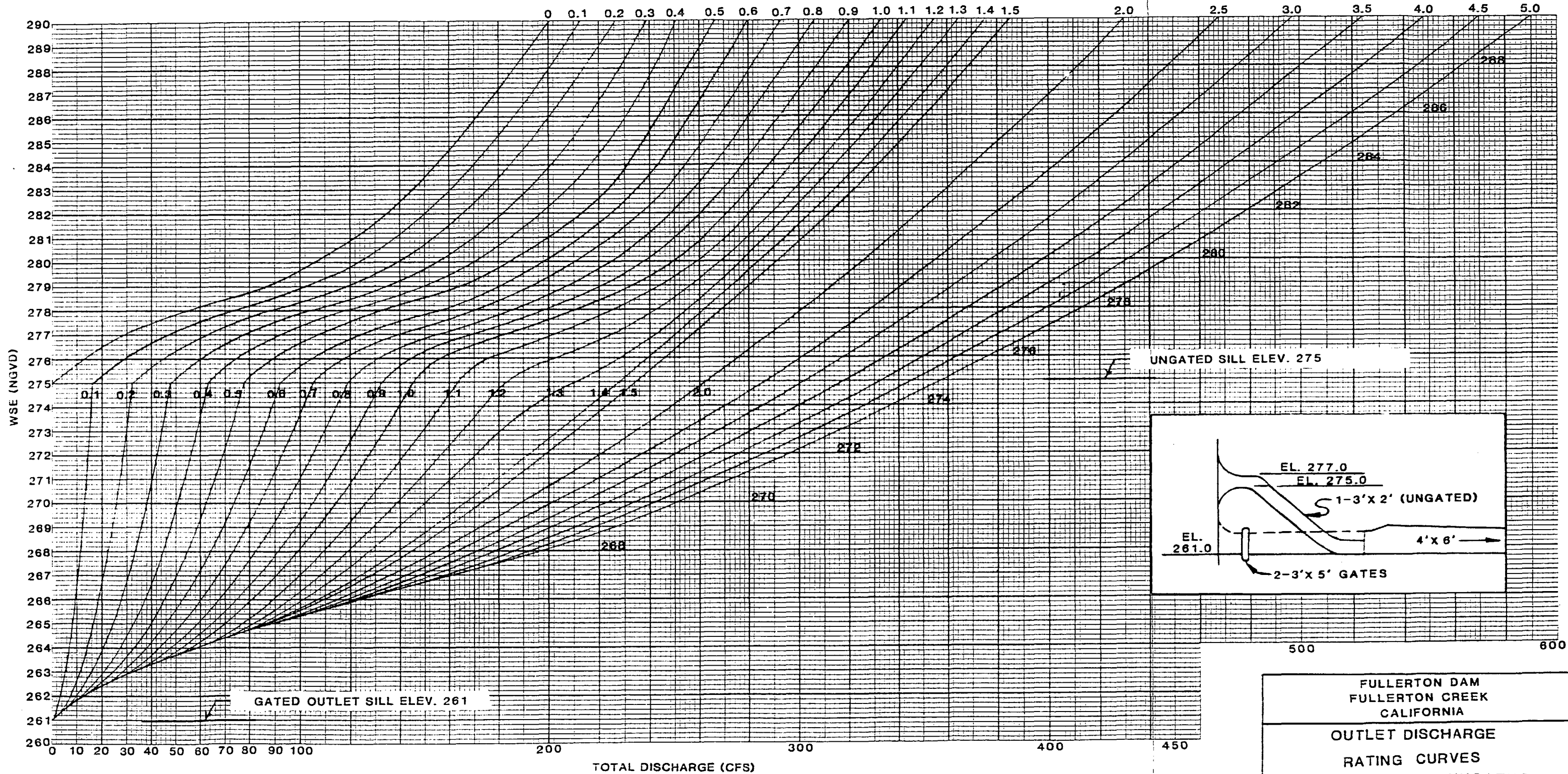
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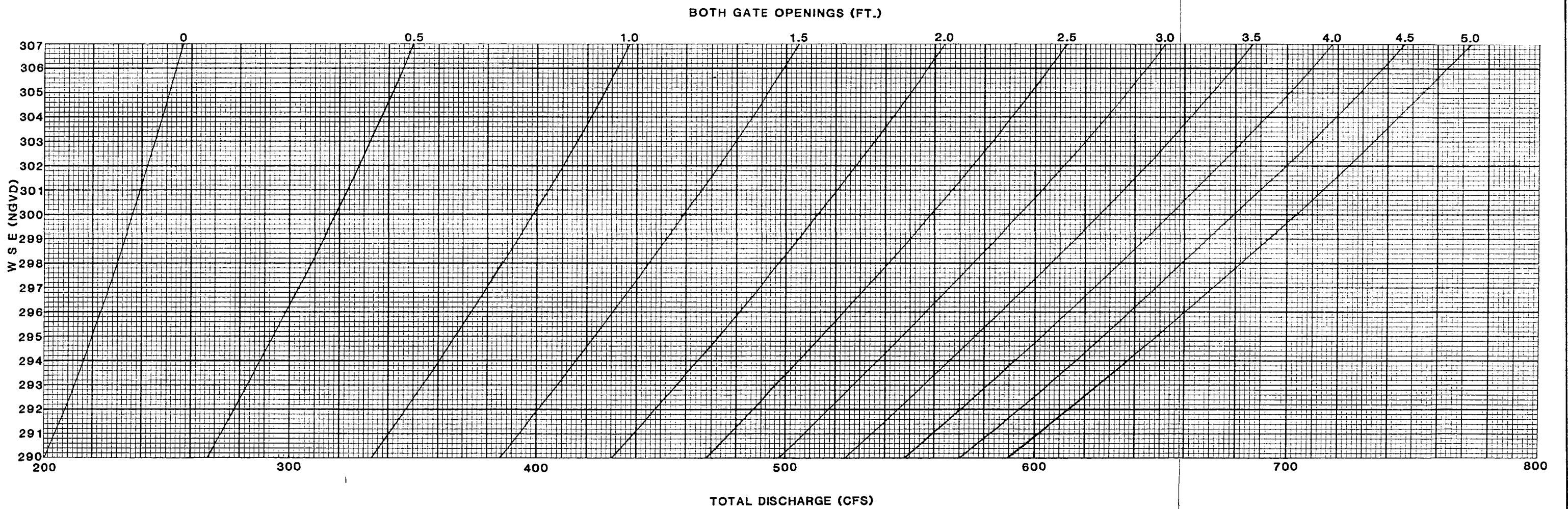
BOTH GATE OPENINGS (FT.)



FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

OUTLET DISCHARGE  
RATING CURVES  
2 GATED AND 1 UNGATED

U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

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OUTLET DISCHARGE  
 RATING CURVES  
 2 GATED AND 1 UNGATED

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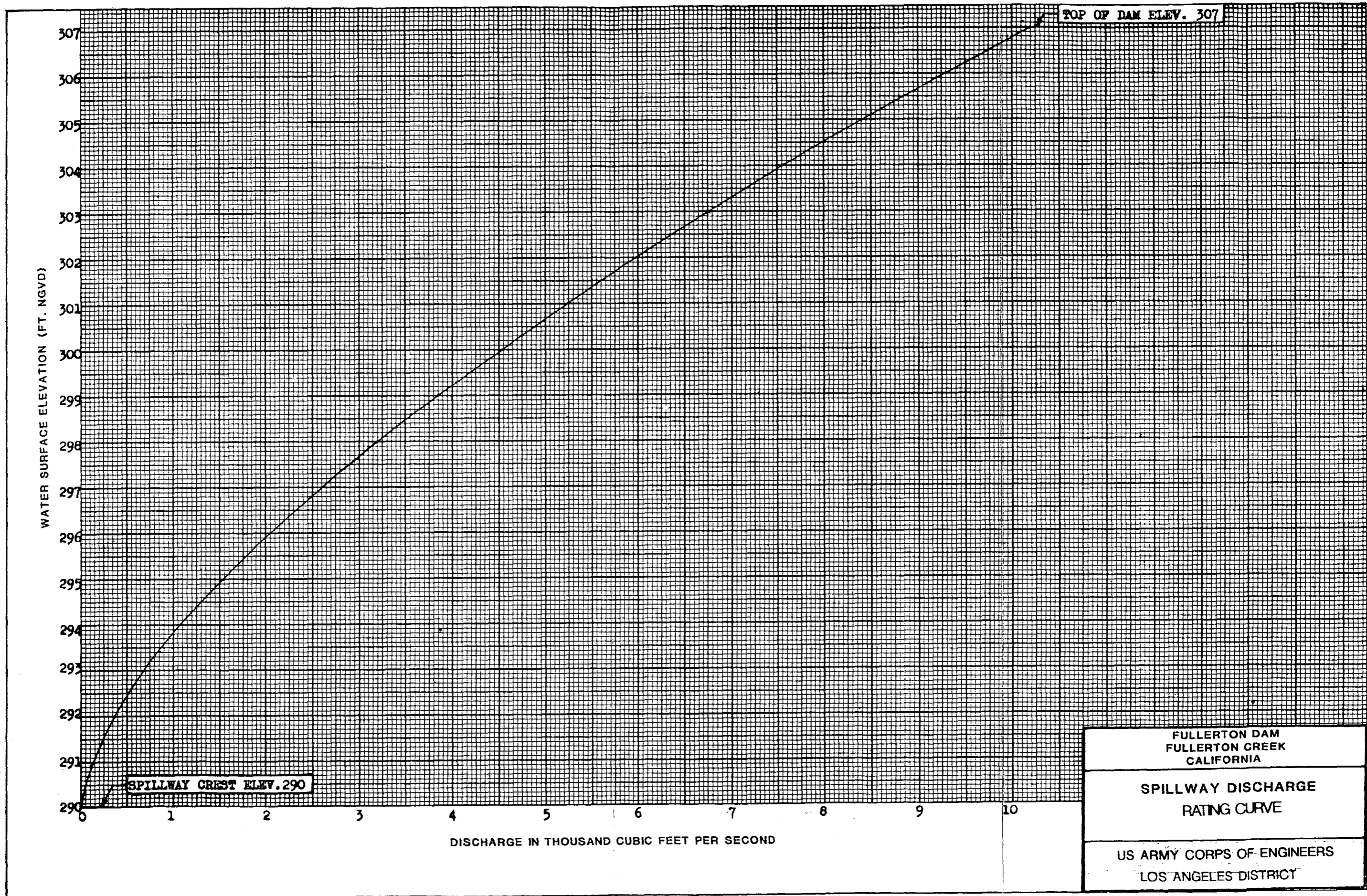
US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT

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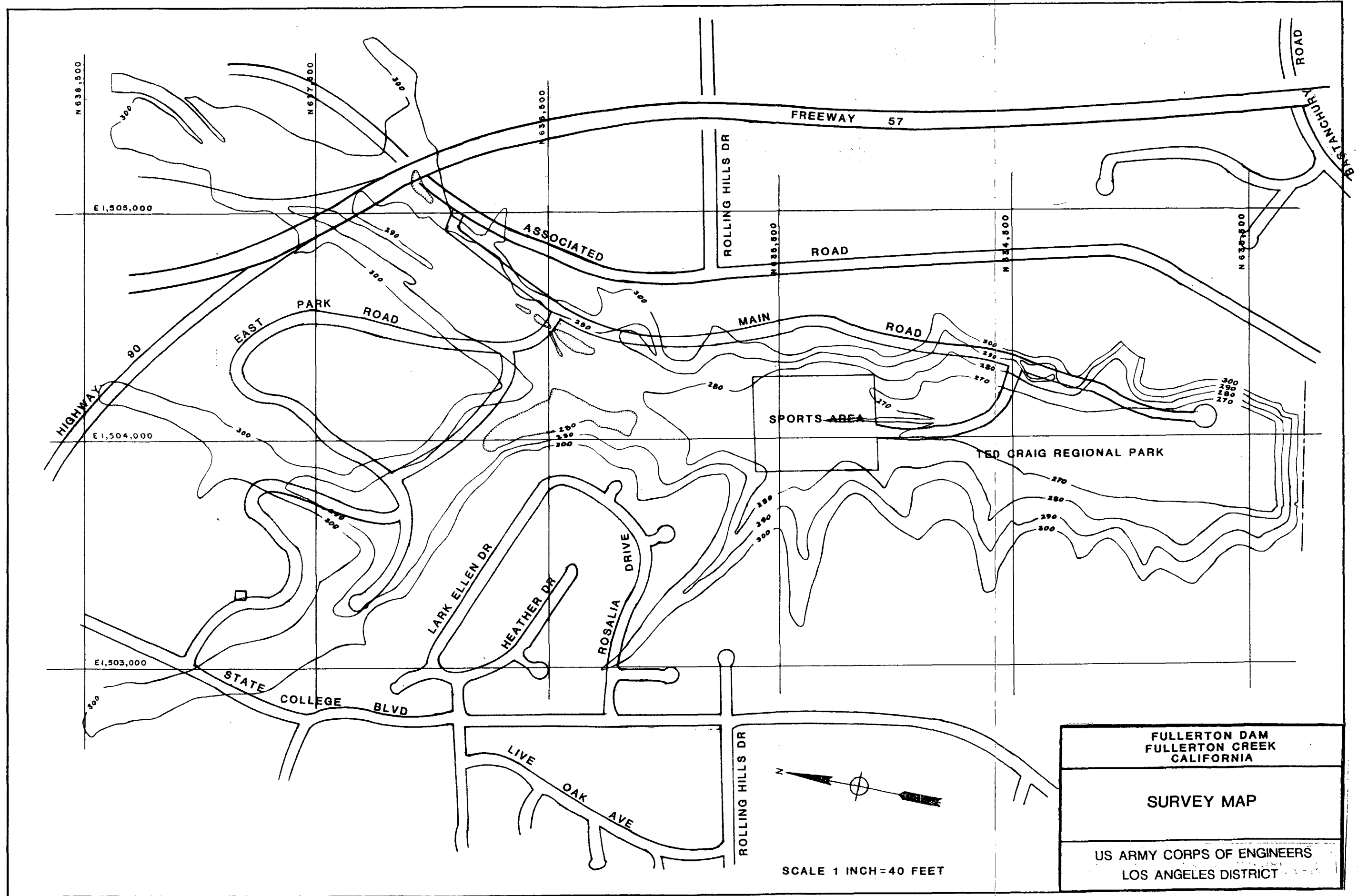
FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

SPILLWAY DISCHARGE  
 RATING CURVE

US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT







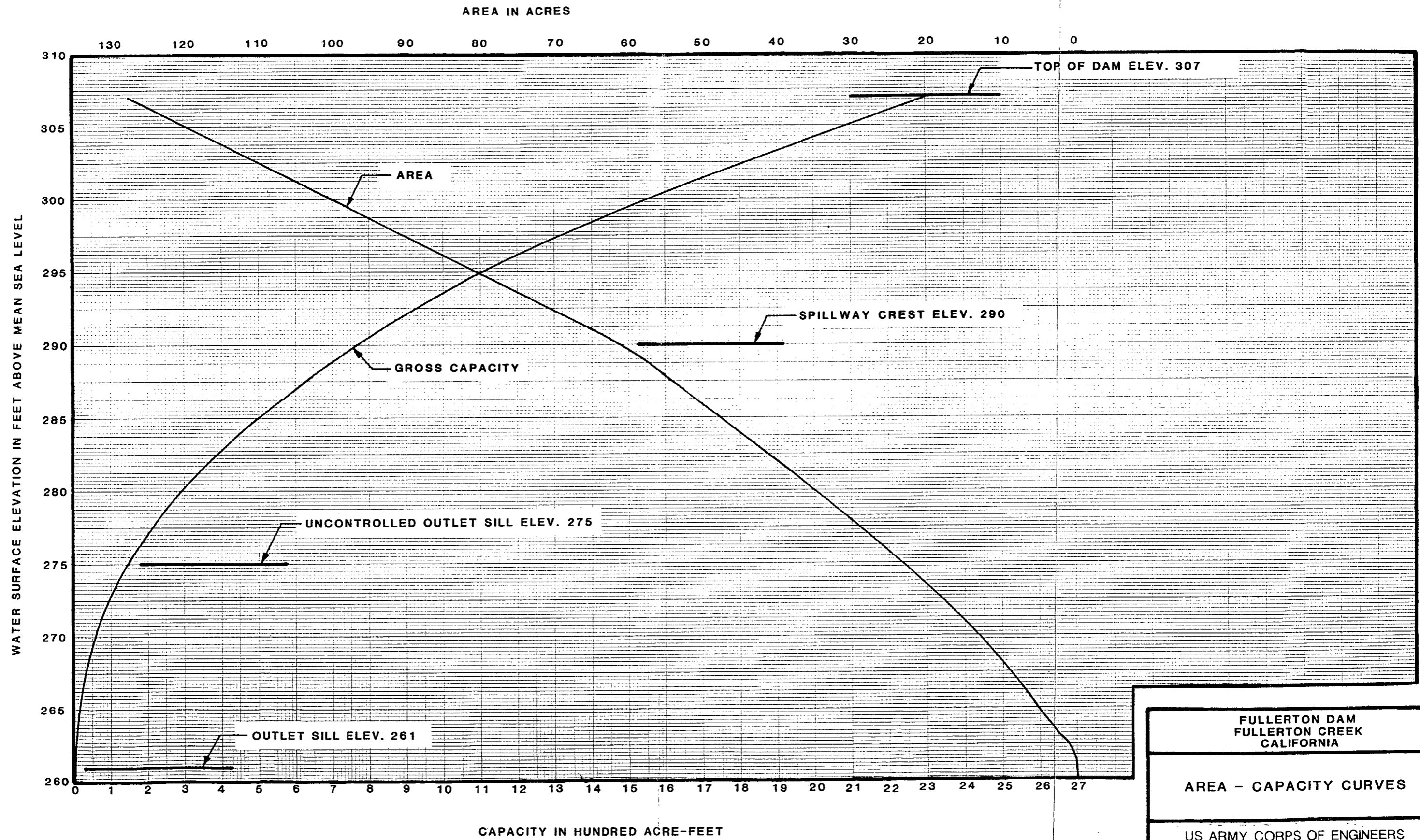
FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

SURVEY MAP

US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT



SCALE 1 INCH = 40 FEET



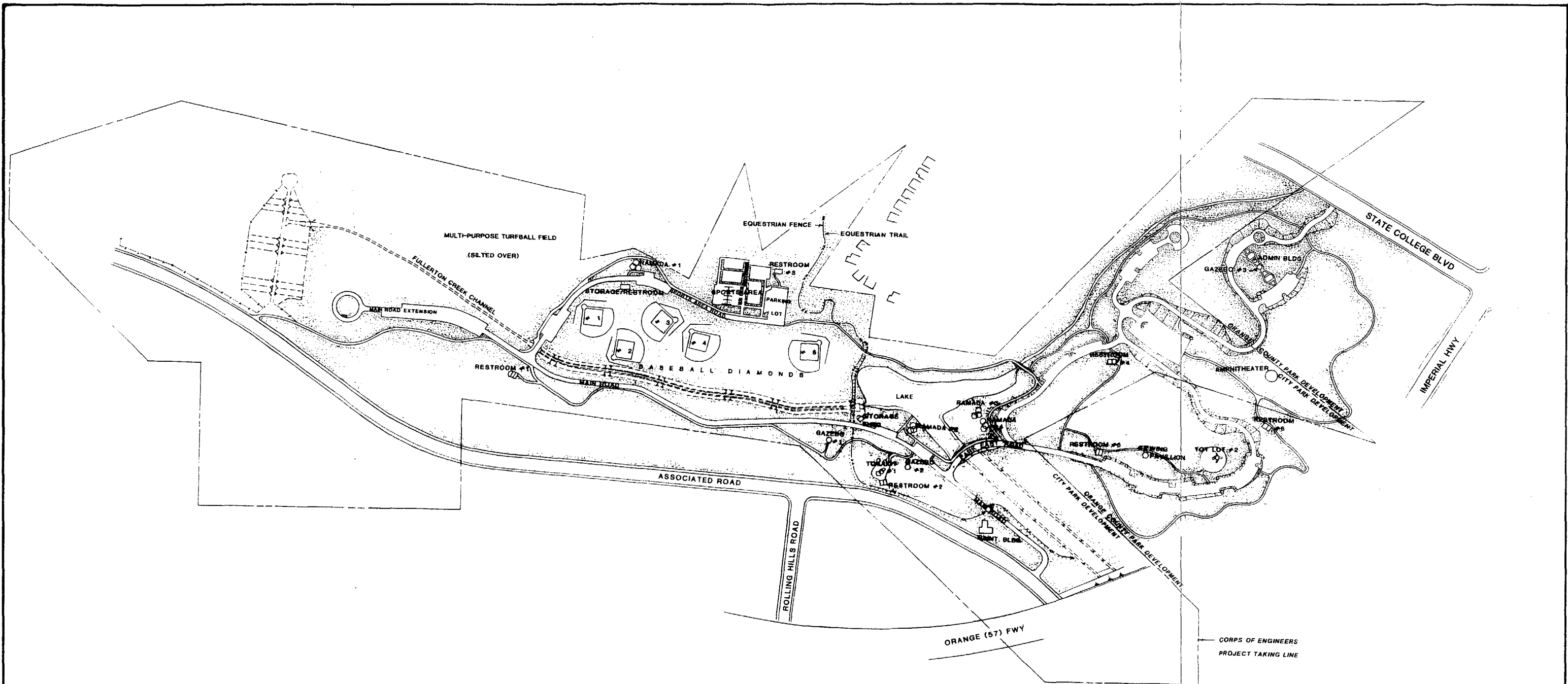
**FULLERTON DAM**  
**FULLERTON CREEK**  
**CALIFORNIA**

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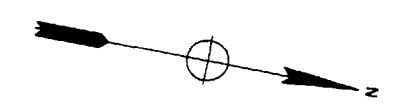
**AREA - CAPACITY CURVES**

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US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT



CORPS OF ENGINEERS  
PROJECT TAKING LINE



SCALE 1 INCH = 200 FEET

<p><b>FULLERTON DAM FULLERTON CREEK CALIFORNIA</b></p>
<p><b>TED CRAIG REGIONAL PARK</b></p>
<p><b>U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT</b></p>

PEAK ELEVATION 1298 FT  
TOP OF DRAINAGE AREA

LOFTUS CHANNEL CONFLUENCE  
CHANNEL ELEVATION 335 FT

FULLERTON DAM  
SPILLWAY CREST 290 FT  
TOP OF DAM 307 FT

USGS STREAM GAUGE #11089500  
ELEVATION 250 FT

DOWNTOWN FULLERTON  
CHANNEL ELEVATION 160 FT

USGS STREAM GAUGE #11080200  
ELEVATION 126.4 FT

COYOTE CREEK CONFLUENCE  
CHANNEL ELEVATION 49 FT

80+00  
70+00  
60+00  
50+00  
40+00  
30+00  
20+00  
10+00  
0

STATION (ONE THOUSAND FEET)

1800  
1200  
800  
400  
0

ELEVATION (FT.-N G V D)

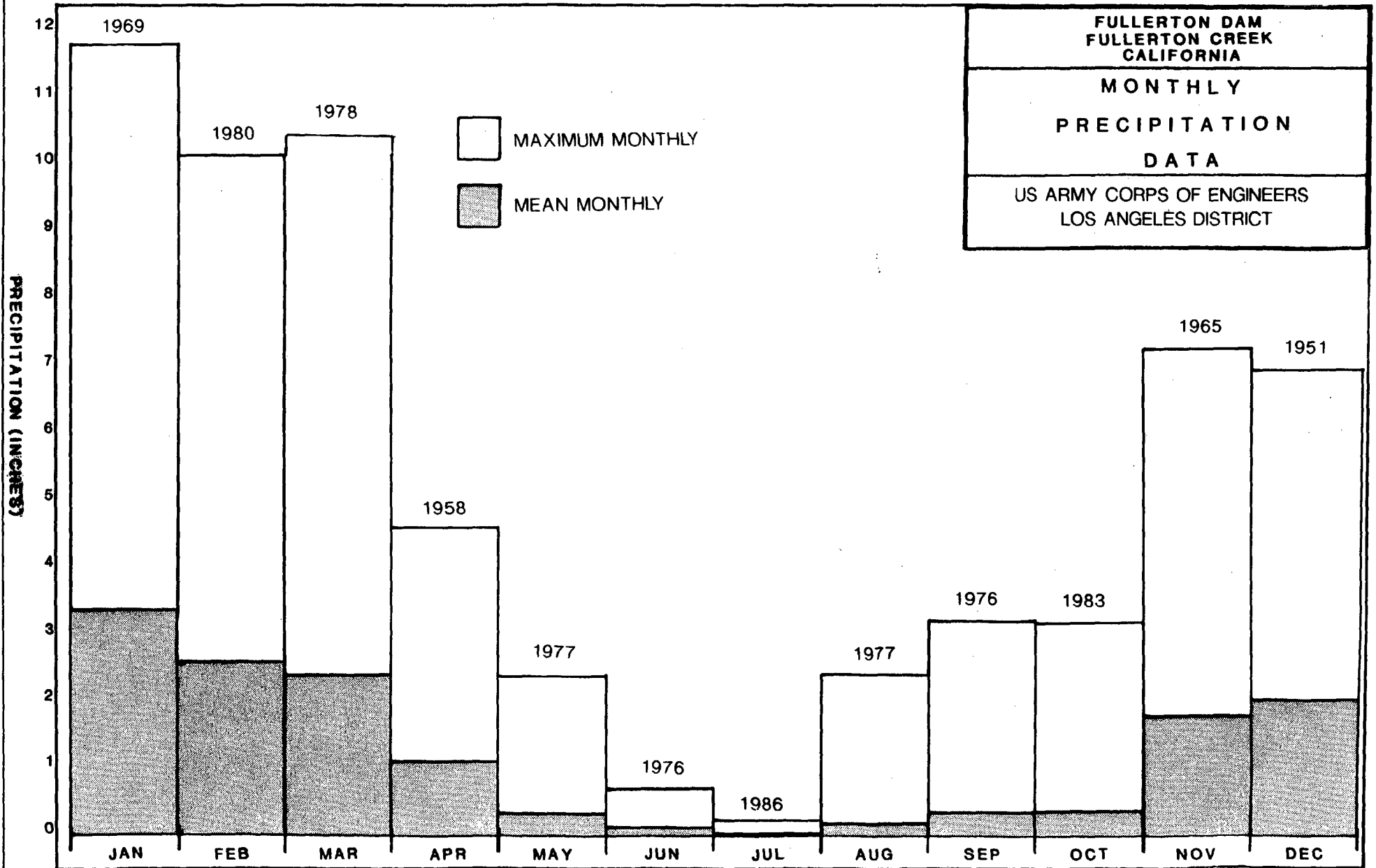
NOTE: The horizontal distance axis is greatly compressed.

FULLERTON DAM FULLERTON CREEK CALIFORNIA
FULLERTON CREEK CHANNEL PROFILE
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

FULLERTON DAM GAUGE AT FULLERTON DAM

PERIOD OF RECORD 1948- PRESENT

MEAN ANNUAL PRECIPITATION 13.6 IN



Fullerton Dam Historic Precipitation Data (in inches).

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL	ANNUAL PEAK 24 HR
1948							0.00	0.00	0.00	0.04	0.00	2.05		1.10
1949	1.91	1.64	1.19	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.82	2.87	8.73	1.10
1950	2.54	2.44	0.95	0.72	0.03	0.00	0.00	0.00	0.00	0.00	2.83	0.00	9.51	2.11
1951	2.27	0.68	0.40	1.56	0.38	0.00	0.00	0.11	0.15	0.00	1.15	6.84	13.54	1.58
1952	8.36	0.00	6.06	1.75	0.00	0.00	0.00	0.00	0.11	0.00	3.55	3.06	22.89	4.18
1953	1.35	0.56	0.88	1.13	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.29	5.37	1.78
1954	6.12	2.40	3.97	0.10	0.00	0.07	0.00	0.00	0.00	0.00	1.46	0.86	14.98	2.58
1955	4.29	1.12	0.17	0.84	1.30	0.00	0.00	0.00	0.00	0.00	1.35	0.67	9.74	1.37
1956	8.21	0.43	0.00	2.20	1.17	0.00	0.00	0.00	0.00	0.33	0.00	0.38	12.72	5.43
1957	3.81	1.02	0.72	1.11	1.14	0.24	0.00	0.00	0.00	1.56	0.81	3.10	13.51	1.39
1958	2.38	6.25	4.26	4.51	0.00	0.02	0.00	0.25	0.40	0.09	0.20	0.00	18.36	2.85
1959	1.77	3.44	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.41	7.11	1.59
1960	2.73	2.82	0.52	1.17	0.12	0.00	0.00	0.00	0.00	0.69	1.94	0.10	10.09	1.29
1961	0.85	0.00	0.39	0.12	0.00	0.00	0.00	0.00	0.00	0.00	1.08	1.75	4.19	0.80
1962	2.87	8.23	0.91	0.00	0.19	0.01	0.00	0.00	0.00	0.10	0.03	0.00	12.34	2.22
1963	0.52	4.83	1.84	1.54	0.00	0.05	0.00	0.08	2.00	0.61	2.79	0.00	14.26	4.09
1964	1.15	0.15	1.75	0.47	0.21	0.18	0.00	0.00	0.00	0.18	1.23	1.26	6.58	2.10
1965	0.53	0.13	1.70	4.08	0.00	0.00	0.05	0.10	0.77	0.00	7.18	3.35	17.89	1.80
1966	0.93	1.44	0.38	0.00	0.02	0.00	0.00	0.00	0.02	0.02	2.30	6.15	11.26	2.68
1967	4.15	0.00	1.78	3.05	0.01	0.00	0.00	0.00	0.42	0.00	3.18	1.81	14.40	2.51
1968	1.06	0.66	3.13	0.61	0.00	0.00	0.14	0.00	0.00	0.20	0.24	1.43	7.47	2.91
1969	11.68	9.67	1.11	0.76	0.06	0.00	0.06	0.00	0.00	0.00	2.06	0.19	25.59	3.63
1970	1.98	2.45	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	3.78	14.06	1.99
1971	0.59	0.86	0.35	0.47	0.22	0.00	0.00	0.00	0.00	0.33	0.25	5.60	8.67	2.93
1972	0.00	0.00	0.00	0.31	0.00	0.20	0.00	0.40	0.10	0.32	3.65	1.88	6.86	1.98
1973	3.02	4.79	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.73	0.52	12.96	NA
1974	6.53	0.10	3.44	0.31	0.19	0.00	0.00	0.00	0.00	0.49	0.00	3.51	14.57	2.56
1975	0.10	2.65	4.26	1.40	0.00	0.00	0.00	0.00	0.00	0.22	0.61	0.22	9.46	NA
1976	0.00	3.75	1.96	1.37	0.03	0.60	0.00	0.00	3.12	0.00	0.62	0.86	12.31	2.05
1977	2.44	0.67	0.92	0.00	2.30	0.00	0.00	2.35	0.00	0.00	0.08	5.56	14.32	2.78
1978	7.40	7.62	10.24	1.94	0.00	0.00	0.00	0.00	1.16	0.07	1.80	2.63	32.86	3.03
1979	10.40	0.00	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.21	0.29	16.23	4.78
1980	7.81	10.05	3.12	0.43	0.25	0.01	0.00	0.00	0.00	0.00	0.00	0.79	22.46	NA
1981	2.94	1.64	3.62	0.29	0.05	0.00	0.00	0.00	0.00	0.21	3.46	0.58	12.79	NA
1982	3.15	0.64	5.50	1.57	0.03	0.00	0.00	0.02	0.38	0.16	3.96	1.95	17.36	NA
1983	4.62	5.24	8.33	3.63	0.14	0.00	0.00	0.17	0.95	3.09	3.45	2.03	31.65	NA
1984	0.28	0.00	0.26	0.68	0.00	0.00	0.00	0.05	0.23	0.13	2.05	5.14	8.82	NA
1985	1.21	1.90	1.34	0.00	0.08	0.00	0.00	0.00	0.24	0.15	3.95	0.29	9.16	NA
1986	2.26	4.83	3.50	0.59	0.00	0.00	0.16	0.00	2.00	0.49	1.12	0.21	15.16	NA
1987	3.40	0.96	0.94	0.13	0.02	0.00	0.05	0.07	0.20	2.07	0.84	2.14	10.82	NA
1988	2.25	1.20	0.07	1.88	0.00	0.00	0.00							
Ave.	3.25	2.43	2.23	1.03	0.21	0.04	0.01	0.10	0.30	0.31	1.68	1.89	13.62	2.44
Max.	11.68	10.05	10.24	4.51	2.30	0.60	0.16	2.35	3.12	3.09	7.18	6.84	32.86	5.43

FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA  
 FULLERTON DAM  
 HISTORIC PRECIPITATION  
 DATA  
 US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT

Precipitation Depth-Duration-Frequency

STATION: FULLERTON DAM ELEVATION: 340 ft. LAT: 33.897 LONG: 117.885

MAXIMUM PRECIPITATION FOR INDICATED DURATION

RETURN PERIOD IN YEARS	15 Min	30 Min	1 hr	2 hr	3 hr	6 hr	12 hr	24 hr	Water year
2	0.25	0.35	0.50	0.71	0.86	1.24	1.73	2.22	12.22
5	0.37	0.51	0.73	1.04	1.27	1.82	2.55	3.27	17.20
10	0.45	0.62	0.89	1.26	1.54	2.21	3.09	3.96	20.36
20	0.52	0.72	1.03	1.47	1.79	2.57	3.59	4.61	23.26
25	0.54	0.75	1.08	1.53	1.87	2.68	3.75	4.81	24.16
40	0.59	0.82	1.17	1.67	2.04	2.92	4.07	5.23	26.00
50	0.61	0.85	1.21	1.73	2.11	3.02	4.22	5.42	26.86
100	0.68	0.94	1.35	1.92	2.34	3.36	4.69	6.02	29.46
200	0.75	1.03	1.48	2.10	2.57	3.68	5.14	6.60	31.98
MEAN	0.276	0.382	0.546	0.778	0.949	1.360	1.899	2.438	13.103
N	29	29	34	34	34	34	34	34	33
Record maximum	1953	1961	1978	1979	1974	1979	1979	1956	1978
Record year	0.54	0.65	0.98	1.35	1.63	2.45	3.68	5.43	32.86

SOURCE: Rainfall Depth-Duration-Frequency for California, State of CA, DWR. Revised November 1982.

Pearson Type III distribution used in analysis.  
Database duration from 1942-1982.

FULLERTON DAM FULLERTON CREEK CALIFORNIA
PRECIPITATION DEPTH- DURATION-FREQUENCY
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



Peak Annual Flow at Fullerton Reservoir

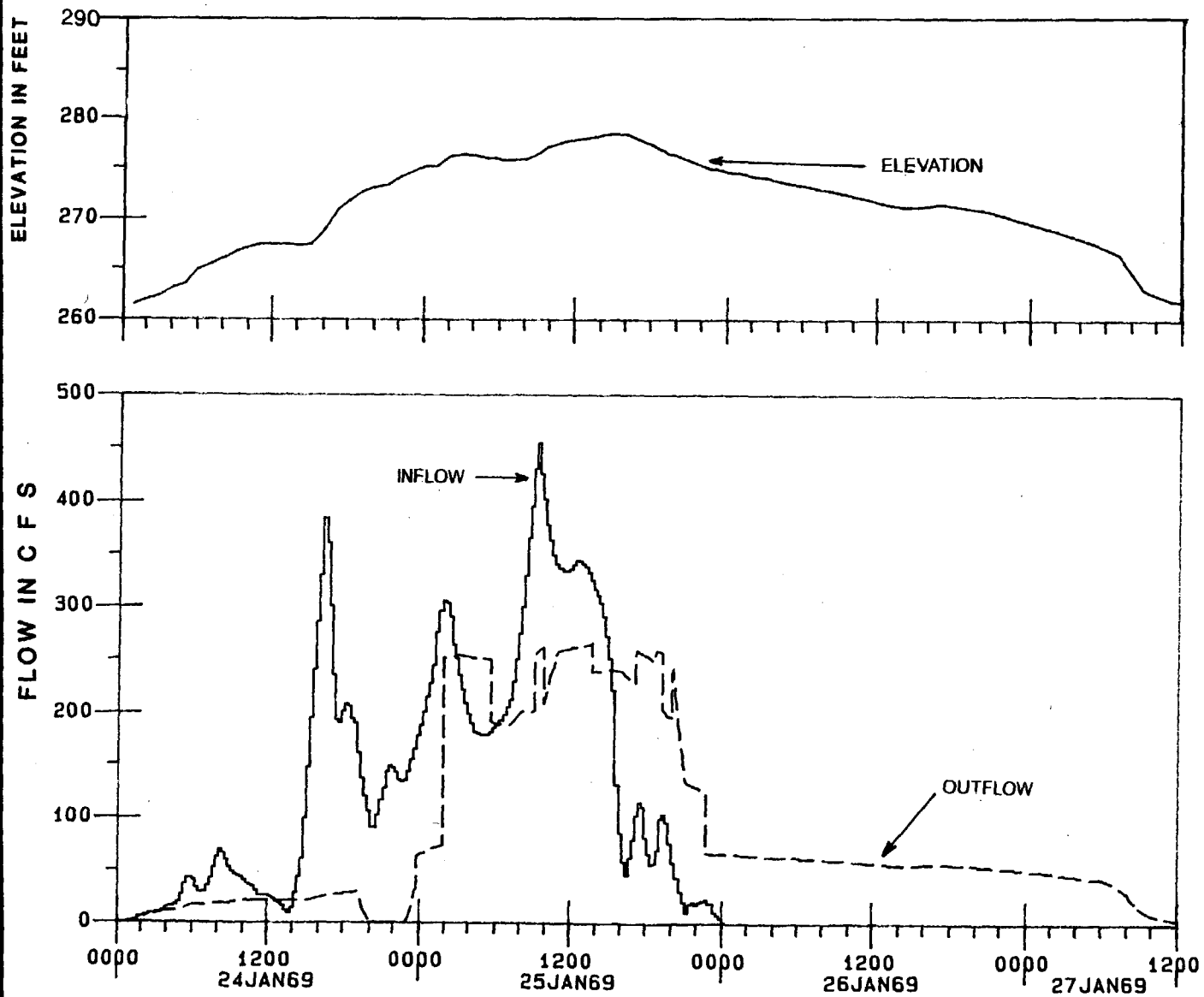
WATERYEAR	PEAK INFLOW DATE	ESTIMATED* PEAK INFLOW (CFS)	24 HR DATE (IF DIFFERENT)	MAX. 24 HR** INFLOW (CFS)	PEAK OUTFLOW DATE	USGS INST. PEAK OUTFLOW (CFS)	MAX WSE DATE	MAX WSE
1930-31	4 FEB	12		2		NO DAM CONSTRUCTED		
31-32	8 FEB	230		52		NO DAM CONSTRUCTED		
32-33	29 JAN	40		5		NO DAM CONSTRUCTED		
33-34	1 JAN	--		63		NO DAM CONSTRUCTED		
1934-35	17 OCT	1050		96		NO DAM CONSTRUCTED		
35-36	12 FEB	292		39		NO DAM CONSTRUCTED		
36-37	16 FEB	636		184		NO DAM CONSTRUCTED		
37-38	2 MAR	900		346		NO DAM CONSTRUCTED		
38-39	19 DEC	333		50		NO DAM CONSTRUCTED		
1939-40	8 JAN	358		--		NO DAM CONSTRUCTED		
40-41	14 MAR	3800 <sup>+</sup>		--		DAM NOT COMPLETED	14 MAR	282.80
41-42	10 DEC	12		0		--	JUN	265.89
42-43	22 JAN	435		216	16 MAR	298	23 JUN	279.71
43-44	22 FEB	380		139	25 FEB	102	22 FEB	277.21
1944-45	15 MAR	43	14 NOV	12	14 NOV	85	14 NOV	267.80
45-46	23 DEC	135		25	23 APR	63	23 DEC	240.39
46-47	25 DEC	31		14	3 JAN	22	26 DEC	270.39
47-48	--	0		0	--	0	--	261.00
48-49	--	0		0	--	0	--	261.00
1949-50	6 FEB	25		4	8 FEB	66	6 FEB	266.00
50-51	--	0		0	--	0	--	261.00
51-52	16 JAN	600	18 JAN	178	19 JAN	115	18 JAN	281.75
52-53	2 DEC	60		4	2 DEC	38	2 DEC	266.20
53-54	13 FEB	120		25	25 JAN	56	13 FEB	269.79
1954-55	16 JAN	76		12	19 JAN	83	19 JAN	268.10
55-56	26 JAN	435		157	27 JAN	198	26 JAN	279.92
56-57	23 APR	12		--	23 APR	12	23 APR	266.40
57-58	3 FEB	420		88	18 MAR	110	4 FEB	275.53
58-59	9 FEB	21		4	6 JAN	18	9 FEB	265.04
1959-60	2 FEB	56		7	12 JAN	17	2 FEB	265.95
60-61	3 OCT	7		--	3 OCT	7	3 OCT	261.40
61-62	15 FEB	233	11 FEB	56	13 FEB	57	11 FEB	271.46
62-63	10 FEB	96		28	10 FEB	23	10 FEB	268.80
63-64	20 NOV	27		7	20 NOV	15	20 NOV	265.15
1964-65	9 APR	74		12	9 APR	20	9 APR	267.21
65-66	23 NOV	120		47	29 DEC	22	23 NOV	270.67
66-67	24 JAN	495		97	24 JAN	128	24 JAN	275.68
67-68	8 MAR	385		81	8 MAR	26	8 MAR	273.20
68-69	24 FEB	600	25 JAN	241	25 JAN	313	25 JAN	278.55
1969-70	4 MAR	73		18	5 MAR	36	5 MAR	267.45
70-71	21 DEC	425		43	21 DEC	30	21 DEC	271.51
71-72	24 DEC	237	27 DEC	55	24 DEC	23	27 DEC	271.30
72-73	16 JAN	283	11 FEB	78	2 MAR	26	13 FEB	273.76
73-74	6 JAN	515	7 JAN	106	7 JAN	259	7 JAN	276.89
1974-75	4 DEC	475		52	8 MAR	60	4 DEC	272.08
75-76	10 SEP	225		69	12 SEP	48	11 SEP	272.74
76-77	3 JAN	260		38	17 AUG	162	3 JAN	270.76
77-78	1 MAR	1500		257	9 FEB	263	4 MAR	280.90
78-79	5 JAN	1490	30 JAN	356 <sup>+</sup>	31 JAN	296	31 JAN	285.57 <sup>+</sup>
1979-80	13 FEB	1700		275	18 FEB	299	16 FEB	279.60
80-81	1 MAR	980		164	1 MAR	275	1 MAR	276.19
81-82	17 MAR	560		167	1 APR	219	17 MAR	270.60
82-83	1 MAR	1890		327	1 MAR	392 <sup>+</sup>	1 MAR	285.00
83-84	1 OCT	960	24 NOV	176	1 OCT	243	1 OCT	276.70
1984-85	27 DEC	810	18 DEC	111	18 DEC	221	18 DEC	271.90

\*Data set is not homogeneous. Values are derived from:  
 - USGS gauges near damsite  
 - dam inflow records before and after completion of Loftus Diversion Channel.  
 - estimated peaks primarily based on hourly interval reservoir data.

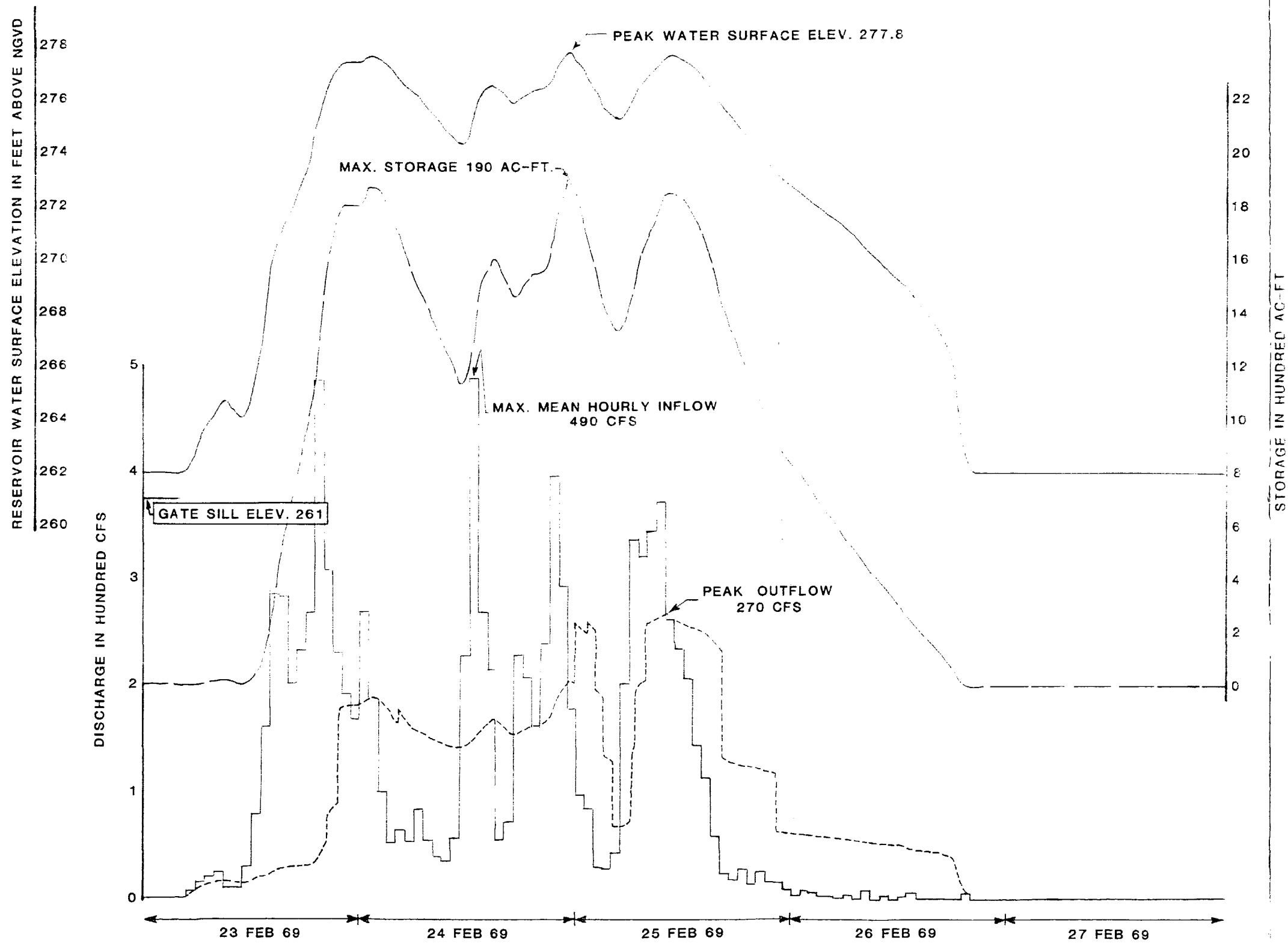
\*\*Data is homogeneous; adjusted for current conditions. Values derived from any 24-hour period of greatest inflow during event.

<sup>+</sup>Historic maximum.

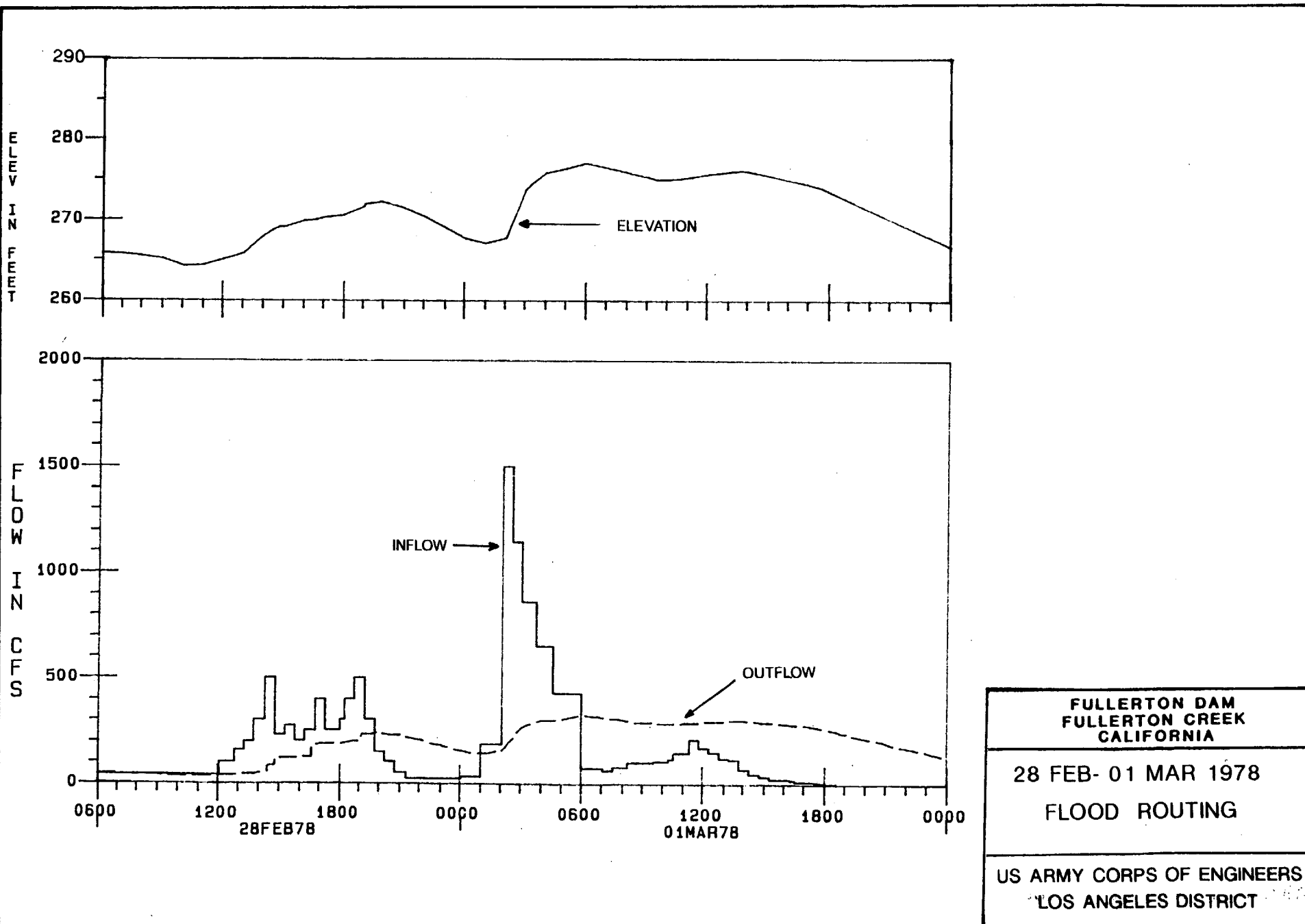
FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA  
 PEAK ANNUAL FLOW AT  
 FULLERTON RESERVOIR  
 US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT



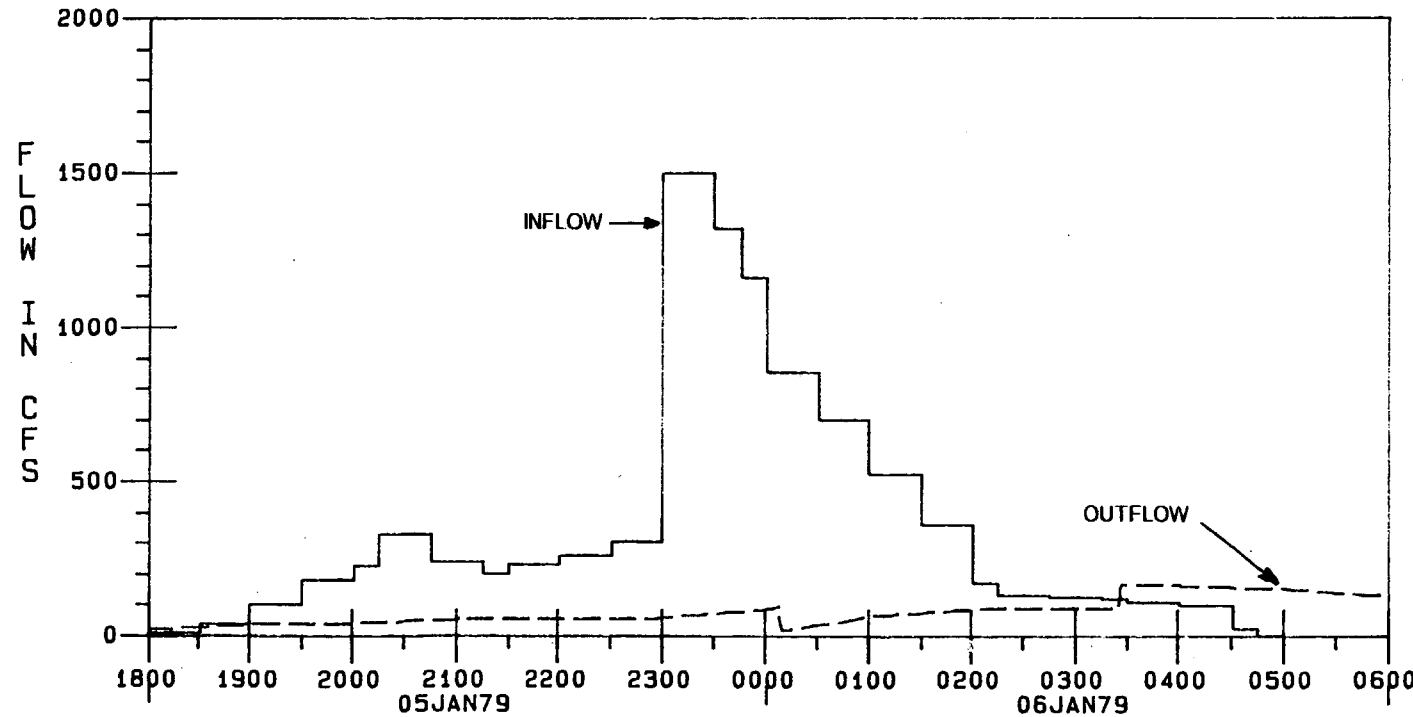
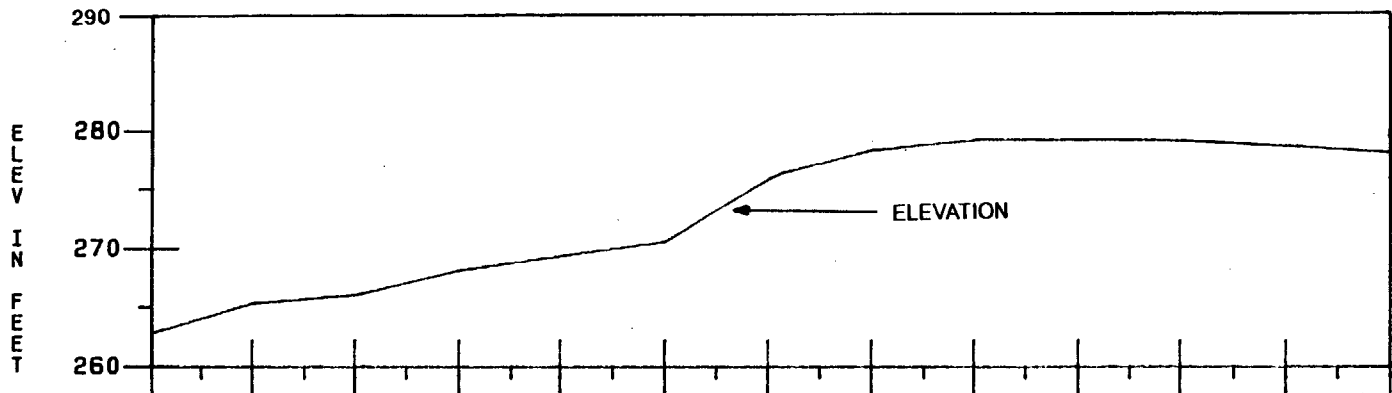
<p>FULLERTON DAM FULLERTON CREEK CALIFORNIA</p>
<p>24-27 JAN 1969</p>
<p>FLOOD ROUTING</p>
<p>US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT</p>



FULLERTON DAM FULLERTON CREEK CALIFORNIA
23-27 FEB 1969
FLOOD ROUTING
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



<p><b>FULLERTON DAM FULLERTON CREEK CALIFORNIA</b></p>
<p><b>28 FEB- 01 MAR 1978 FLOOD ROUTING</b></p>
<p><b>US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT</b></p>



**FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA**

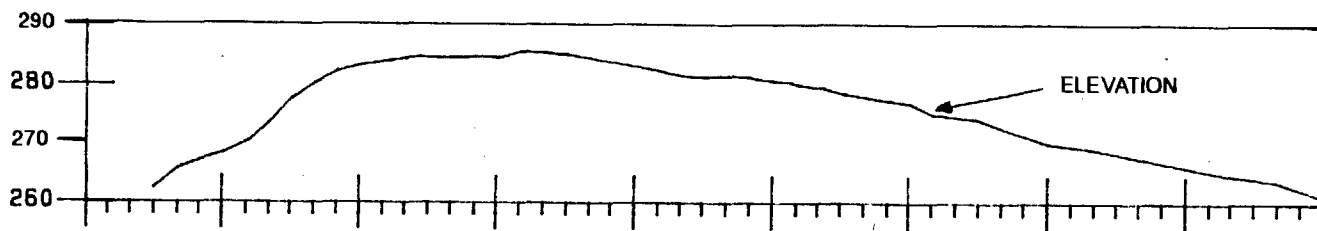
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**05-06 JAN 1979  
FLOOD ROUTING**

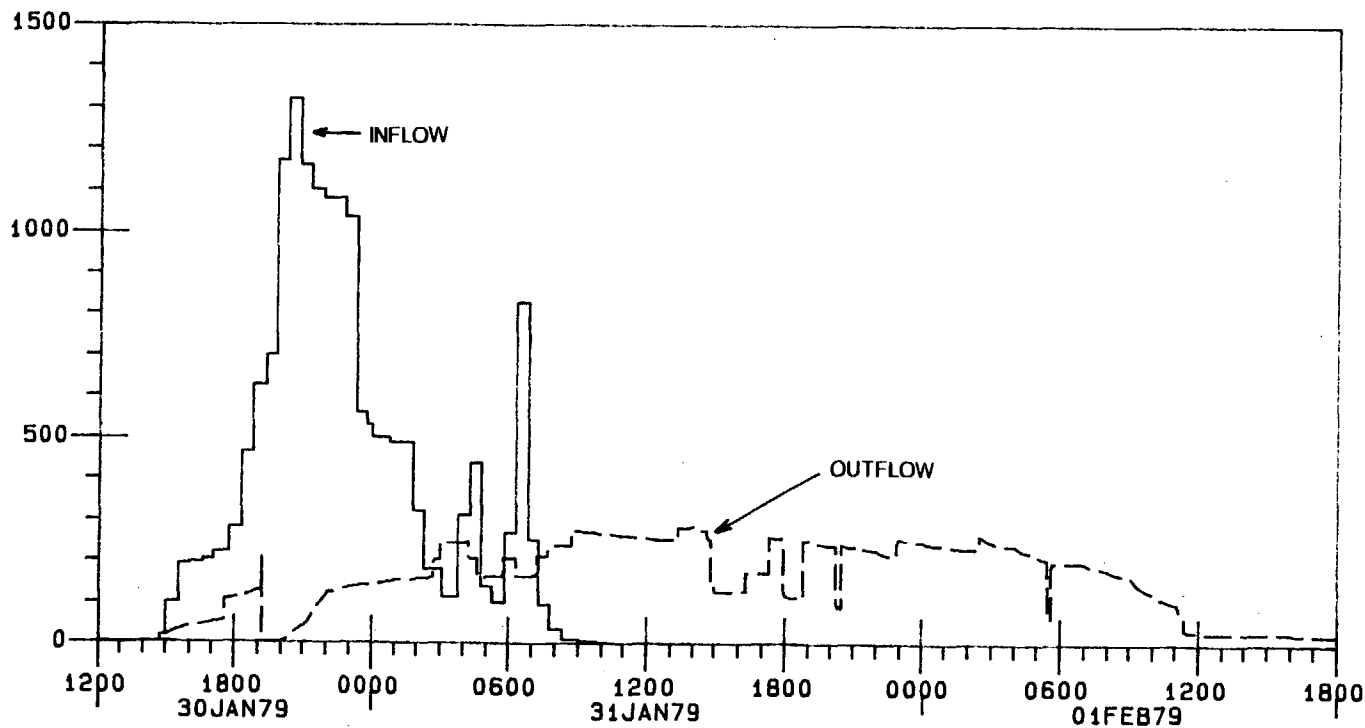
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US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT

ELEVATION IN FEET



FLOW IN C F S

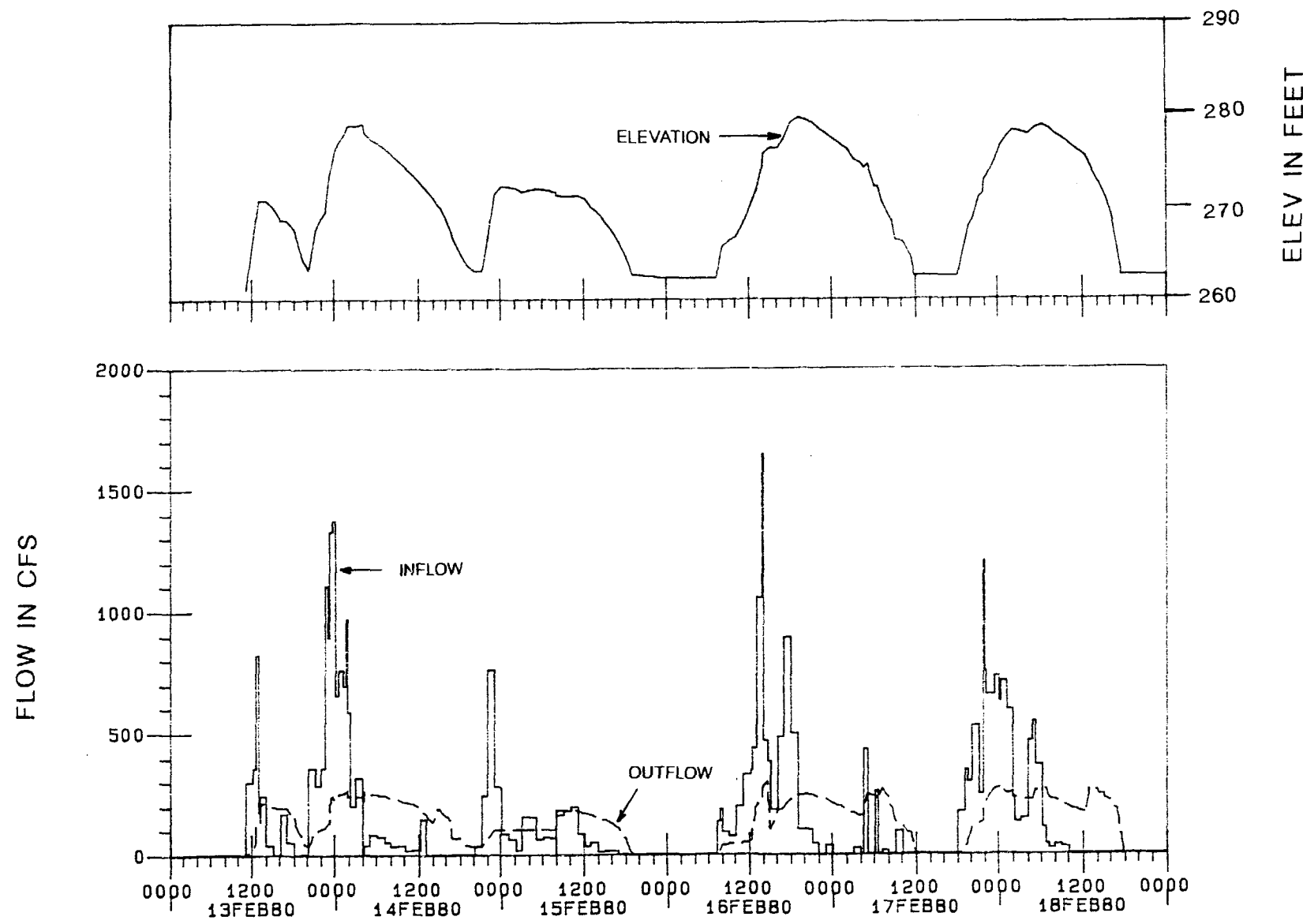


FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

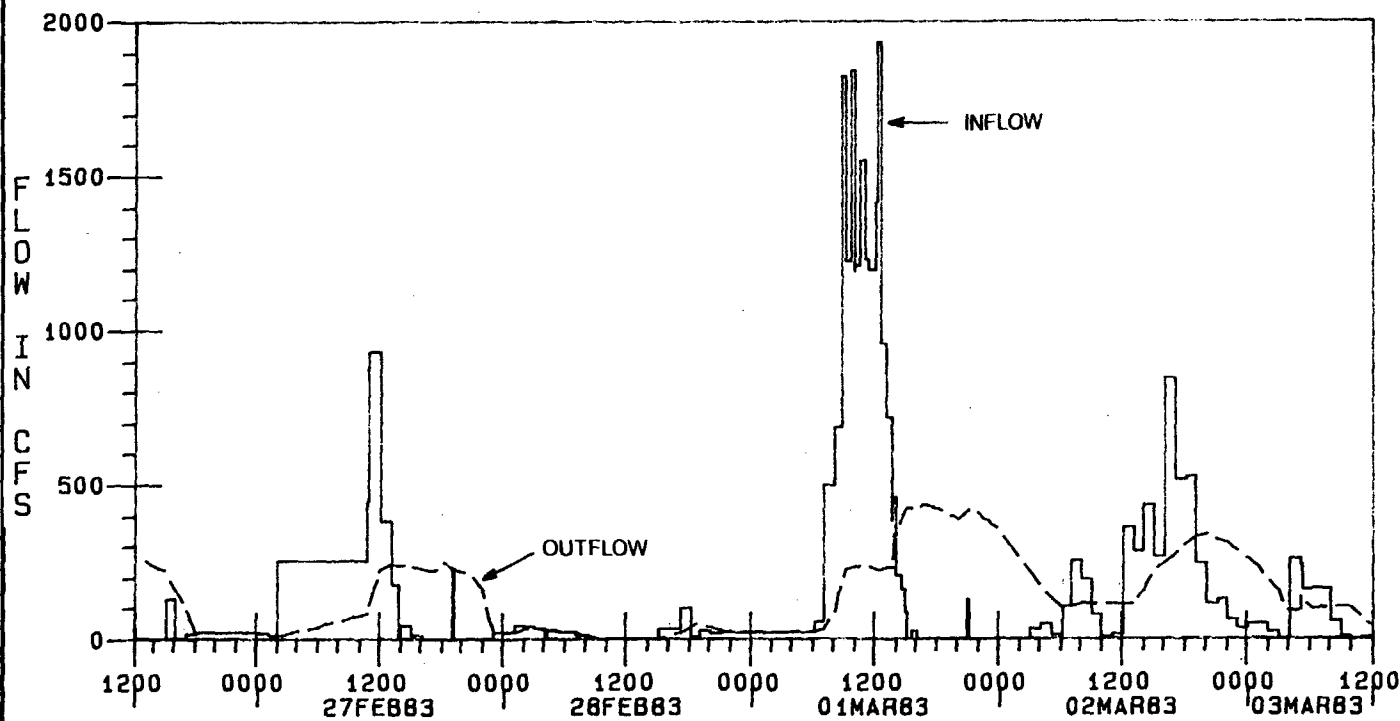
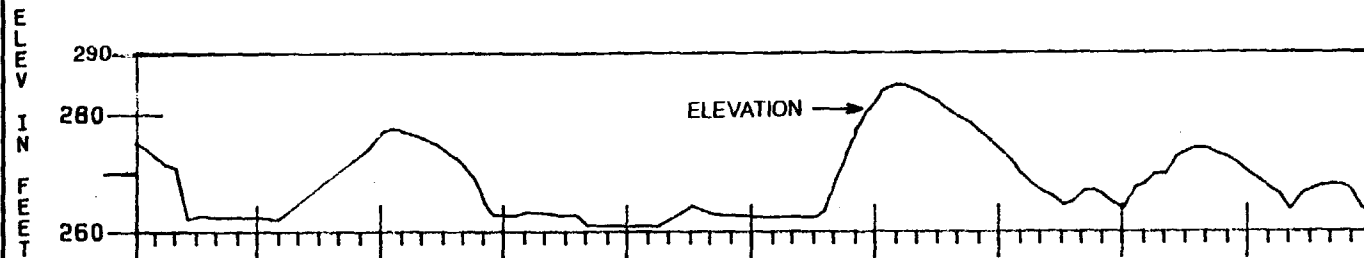
30 JAN-01 FEB 1979

FLOOD ROUTING

US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



FULLERTON DAM FULLERTON CREEK CALIFORNIA
13-18 FEB 1980
FLOOD ROUTING
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



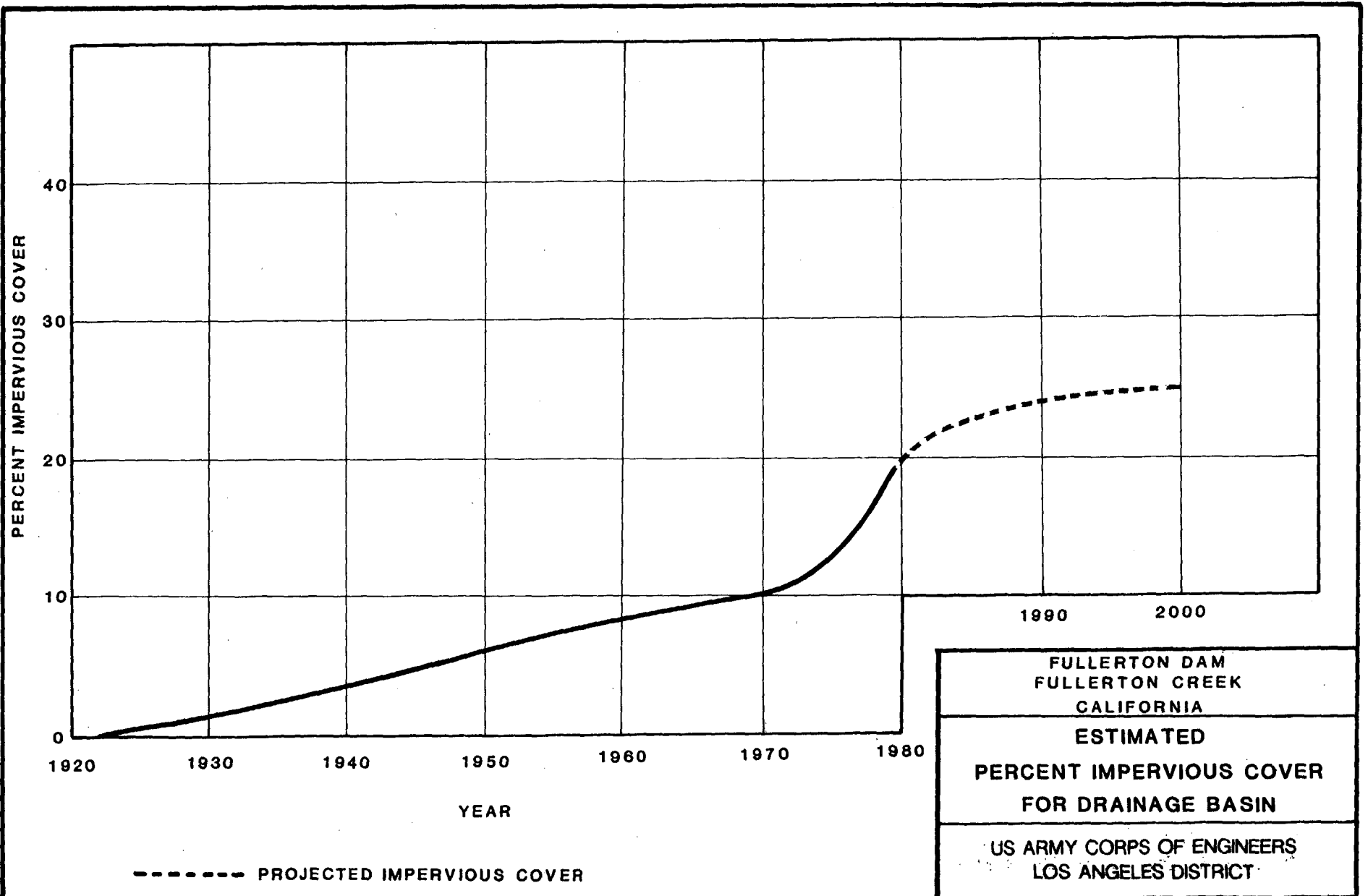
FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

26 FEB - 03 MAR 1983

FLOOD ROUTING

US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT

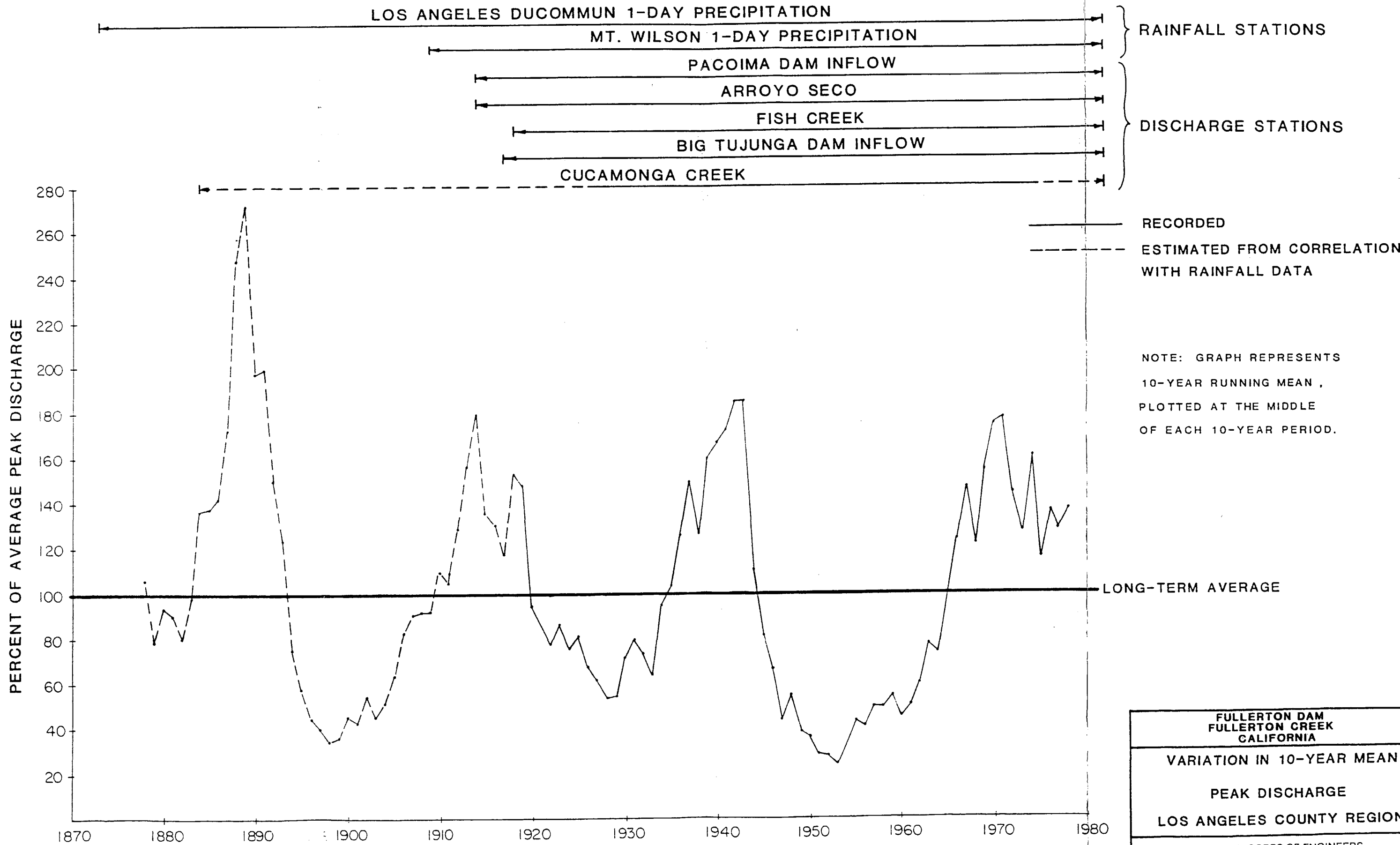




FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

ESTIMATED  
 PERCENT IMPERVIOUS COVER  
 FOR DRAINAGE BASIN

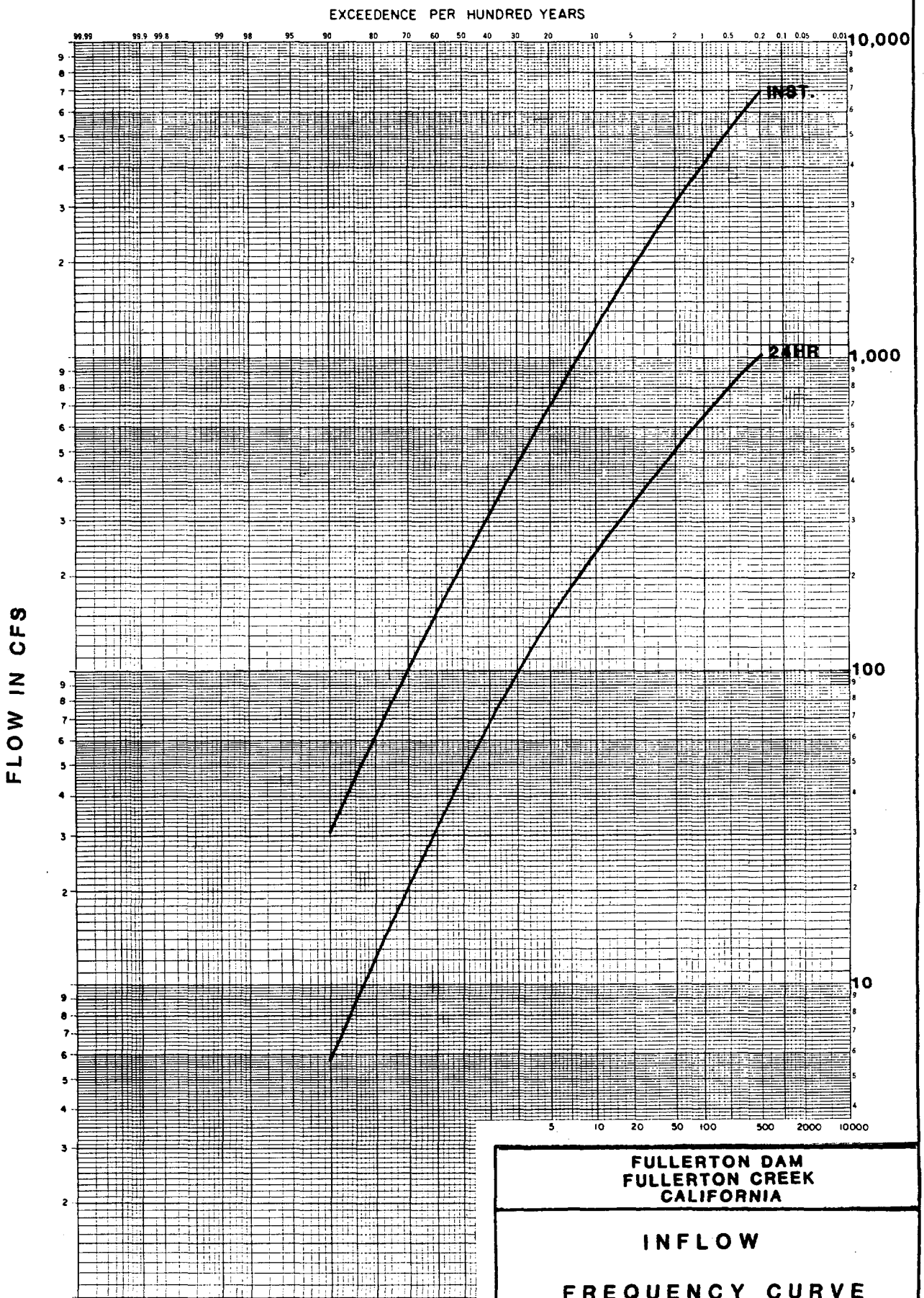
US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT



**FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA**

**VARIATION IN 10-YEAR MEAN  
PEAK DISCHARGE  
LOS ANGELES COUNTY REGION**

U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



**FULLERTON DAM**  
**FULLERTON CREEK**  
**CALIFORNIA**

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**INFLOW**  
**FREQUENCY CURVE**

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**US ARMY CORPS OF ENGINEERS**  
**LOS ANGELES DISTRICT**

Ranking of Inflow Events - Peak Inflow at Fullerton Dam

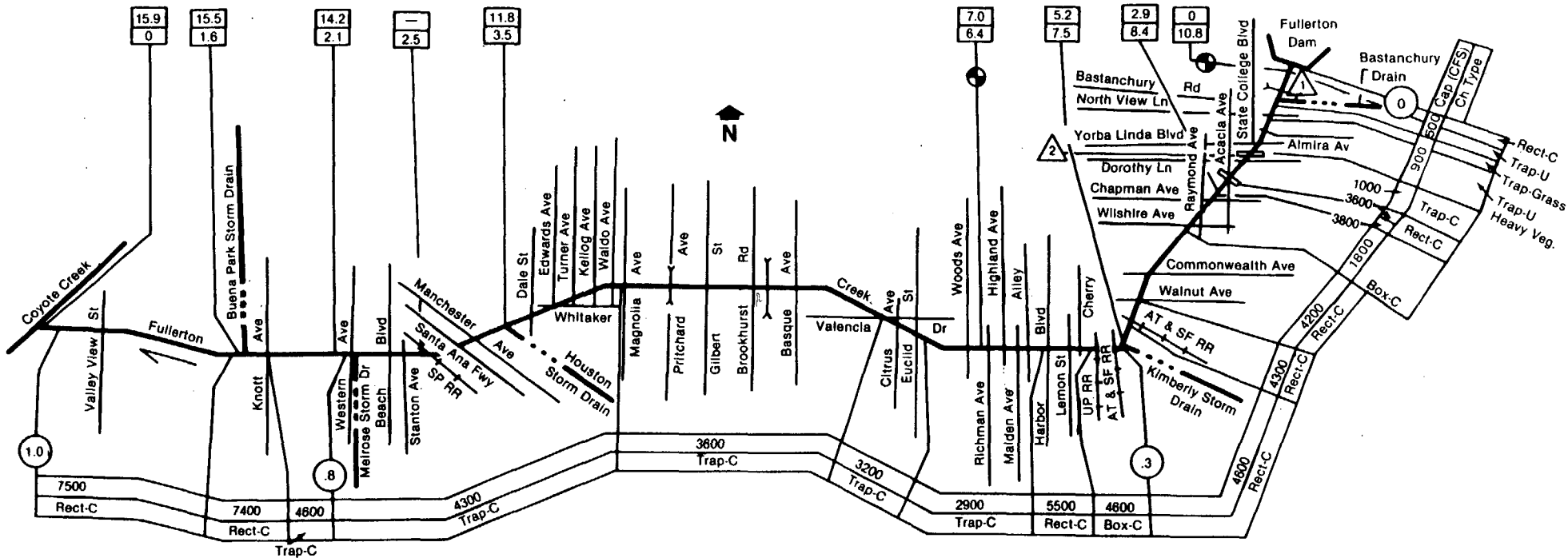
WY	Rank	Plotting Position	Estim. Instant. Peak Inflow (cfs)	WY	Rank	Plotting Position	Estim. Instant. Peak Inflow (cfs)
41	1	1.01	4000	36	28	51.66	248
83	2	2.67	1890	72	29	53.55	237
80	3	4.56	1700	62	30	55.43	233
78	4	6.44	1500	32	31	57.32	230
79	5	8.32	1490	76	32	59.20	225
35	6	10.21	1050	54	33	61.08	168
81	7	12.09	980	66	34	62.97	120
84	8	13.98	960	63	35	64.85	96
38	9	15.86	950	53	36	66.74	84
52	10	17.75	840	55	37	68.62	76
85	11	19.63	810	65	38	70.51	74
43	12	21.51	609	70	39	72.39	73
69	13	23.40	600	45	40	74.27	60
82	14	25.28	560	60	41	76.16	56
37	15	27.17	541	46	42	78.04	53
44	16	29.05	532	47	43	79.93	43
74	17	30.94	515	33	44	81.81	40
67	18	32.82	495	50	45	83.70	35
75	19	34.70	475	64	46	85.58	27
56	20	36.59	435	59	47	87.46	21
71	21	38.47	425	31	48	89.35	12
58	22	40.36	420	57	49	91.23	12
68	23	42.24	385	61	50	93.12	7
40	24	44.13	304	49	51	95.00	0
39	25	46.01	283	48	52	96.89	0
73	26	47.89	283	51	53	98.77	0
77	27	49.78	260				

FULLERTON DAM FULLERTON CREEK CALIFORNIA
PEAK INFLOW AT  FULLERTON DAM
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

Ranking of Inflow Events - 24-Hour Mean Inflow at Fullerton Dam

WY	Rank	Plotting Position	24-Hour Mean (cfs)	WY	Rank	Plotting Position	24-Hour Mean (cfs)
79	1	1.36	356	39	27	51.95	50
38	2	3.31	346	66	28	53.89	47
83	3	5.25	327	71	29	55.84	43
80	4	7.20	275	36	30	57.78	39
78	5	9.14	257	77	31	59.73	38
69	6	11.09	241	63	32	61.67	28
43	7	13.04	216	54	33	63.62	25
37	8	14.98	184	70	34	65.56	18
52	9	16.93	178	47	35	67.51	14
84	10	18.87	176	45	36	69.46	12
82	11	20.82	167	55	37	71.40	12
81	12	22.79	164	65	38	73.35	12
56	13	24.71	157	46	39	75.29	10
44	14	26.65	139	64	40	77.24	7
85	15	28.60	111	60	41	79.18	7
74	16	30.54	106	33	42	81.13	5
67	17	32.49	97	59	43	83.07	4
35	18	34.44	96	53	44	85.02	4
58	19	36.38	88	50	45	86.96	4
68	20	38.33	81	31	46	88.91	2
73	21	40.27	78	48	47	90.86	0
76	22	42.22	69	61	48	92.80	0
62	23	44.16	56	57	49	94.75	0
72	24	46.11	55	51	50	96.69	0
75	25	48.05	52	49	51	98.64	0
32	26	50.00	52				

FULLERTON DAM FULLERTON CREEK CALIFORNIA
24-HOUR MEAN INFLOW
AT FULLERTON DAM
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



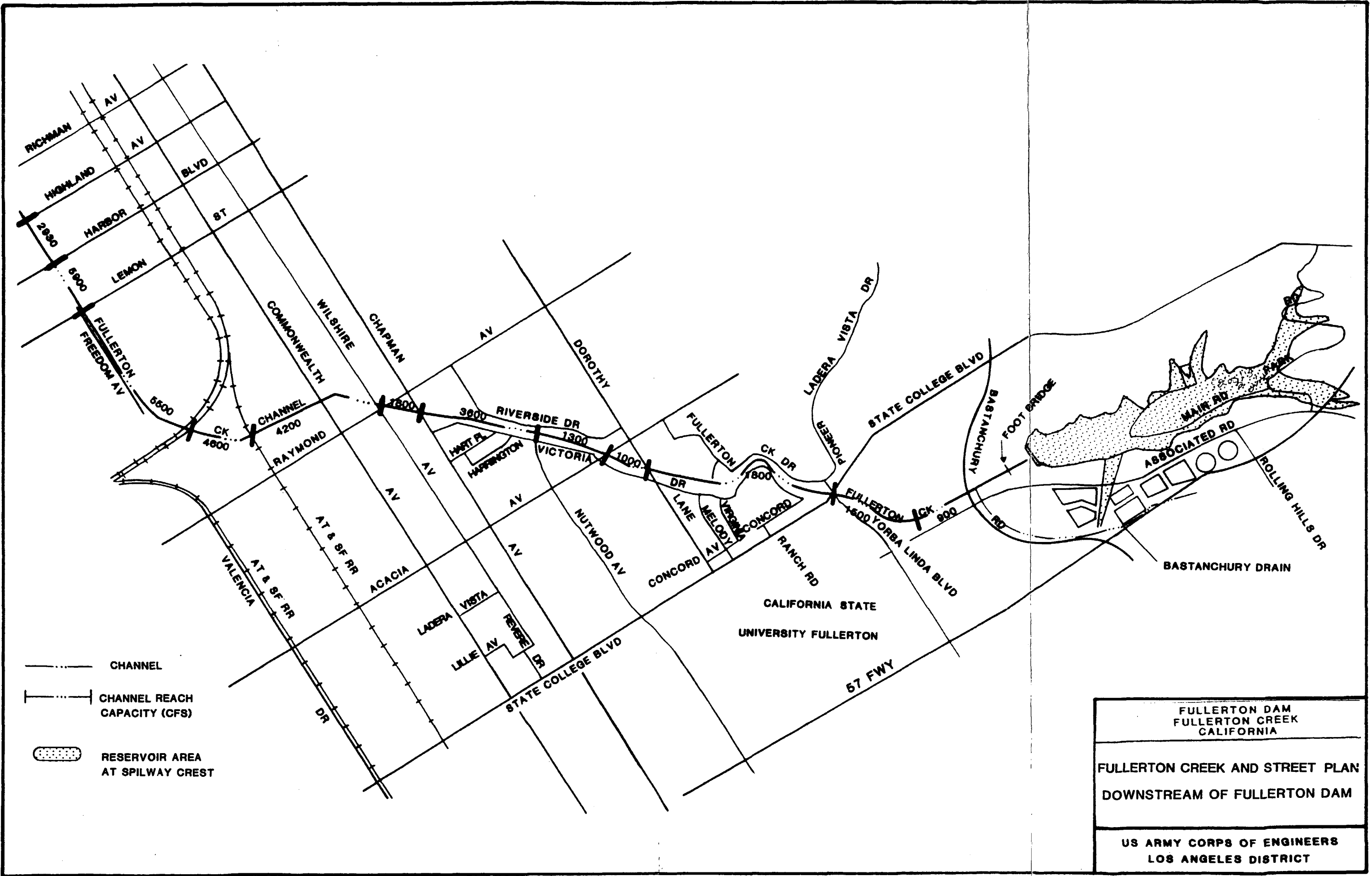
Legend	
	Dam
	Culvert
	Stream Gage
	Drainage Area
	Mi. From Stream Mouth
	Travel Time (Hours)
	Foot Bridge
	Channel Unlined
	Rip Rap Side Slopes
	Soft Bottom
	Concrete
	Grouted Stone
	Side Slope
	Bottom

Significant Features	Miles	Remarks
Fullerton Creek Below Fullerton Dam	10.8	Telemetry 046 FLTN
Dam Tender House	10.7	
Crossings Below Dam	10.7-8.4	1. Trap-U (30' TW, 5' B, 2 on 1)
1. Foot Bridge		2. RCB 12'x8' 45° WW
2. Bastanchury Rd.		3. Double RCB 10'x9.5'
3. North View Ln		4. RCB 14'x8' 45° WW
4. Almira		
Acacia Park (Downstream of State College & Yorba Linda Blvd)	9.0	Park Alongside Fullerton Creek (Foot Bridge 60' TW 12' Deep, Trap-U)
Fullerton Creek at Richman	6.4	Telemetry FCKR
Note: SP RR Crossing Downstream of Santa Ana Freeway	2.5	OCEMA Considers Serious Hydraulic Condition Exists Cap Unk

**FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA**

**FULLERTON DAM  
TO  
COYOTE CREEK**

US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

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FULLERTON CREEK AND STREET PLAN  
 DOWNSTREAM OF FULLERTON DAM

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US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT

Hydrologic Instrumentation of Fullerton Dam.

<u>Parameter</u>	<u>Gauge Type</u>	<u>Report Mode</u>	<u>Stored Record (period available)</u>	<u>Comments</u>
Water Surface Elevation	staff boards	Visual	Flood Control Basin Operation Report SPL 19 (1941-present)	
	Stevens A-71 recorder w/quartz clock D.R.*	Visual Telemetry	Reservoir Operation Report SPL 424 (1941-present) paper strip chart (1941-present) punch tape (1974-present) telemetry data file	-new recorder installed in 1985 -float well occasionally silts in -the paper strip chart is operated at 9.6"/day during the rainy season for better data definition; 2.4"/day in other periods
Downstream gauge height	Digital Recorder*	Visual	Flood Control Basin Operators Report SPL 19 (1941-pres.) punch tape (1974-present)	USGS operates the gauge, publishes the daily record and stores the paper punch tape for USGS Station ID #11089500
		Telemetry	telemetry data file	
Outlet Gate opening	gate opening indicator	Visual	Flood Control Basin Operators Report SPL 19 (1941-present)	
	Leitz recorders			Leitz are operational but will eventually be replaced with Leopold & Stevens Type F recorders (chart drum recorders).
Precipitation	tipping bucket gauge connected by magnetic sensor to D.R.*	Telemetry	Reservoir Operation Report SPL 424 (1941-Present) punch tape (1974-present) telemetry data file	tipping bucket type gauge installed in 1985
	Belfort recording gauge	None	paper chart (1941-present)	data on paper charts is evaluated for daily rainfall amounts and charts are then sent to NWS in Asheville, N.C. for publication
	glass raintube	Visual	Rainfall Record SPL 31 (1941-present)	

\*Digital Recorder - A device that converts gauge motion into coded digital information and records this periodically as a pattern of punched holes in paper tape.

FULLERTON DAM FULLERTON CREEK CALIFORNIA
HYDROLOGIC INSTRUMENTATION FULLERTON DAM
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT



Hydrometeorologic Gauges in the Vicinity of Fullerton Dam.

Station Identification	Station Name	Latitude (N)	Longitude (W)	Elev. (ft.)	Type of Gauge(s)
BREA	Brea Dam	30° 53' 26"	117° 55' 56"	340	CR, RR
CCYN	Carbon Canyon Dam	33° 54' 40"	117° 50' 29"	403	CR, RR
OCEMA #144	Orange County Reservoir	33° 56' 07"	117° 52' 58"	660	RR
OCEMA #126	Fullerton Airport	33° 52' 23"	117° 58' 24"	31	RR
OCEMA \$2650	City of Brea	33° 54' 53"	117° 54' 04"	110	RR, AR
OCEMA \$2410	Miller Basin	33° 51' 54"	117° 51' 10"	219	RR, AR
FLTN	Fullerton Dam	33° 53' 50"	117° 53' 08"	310	CR, RR
USGS #11089500	Fullerton Creek below Fullerton Dam	33° 53' 45"	117° 53' 07"	250	RS, CS
USGS #11090000	Fullerton Creek at Fullerton	33° 52' 22"	117° 54' 22"	170	RS
OCEMA #2	Fullerton Creek at Richman Avenue	33° 51' 47"	117° 55' 55"	126	RS, AS

\*Legend:

	Rain (Precipitation)	Streamflow Water Surface Elevation
Non-Standard, Non-Recording (Staff)	NR	NS
Standard, Non-Recording	SR	
Recording (at site)	RR	RS
Corps Event Reporting Telemetry	CR	CS
Alert Event-Reporting Automatic Telemetry	AR	AS

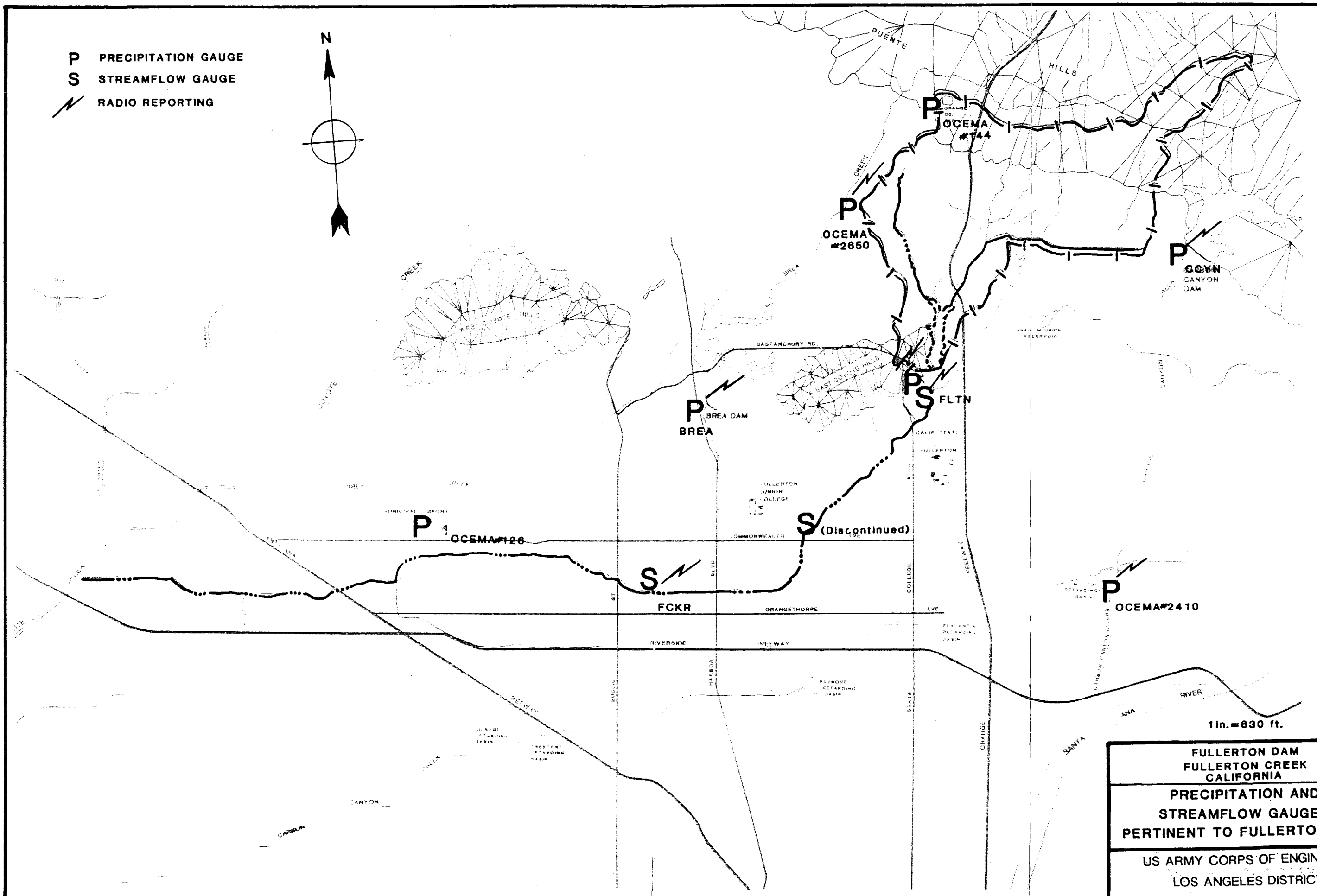
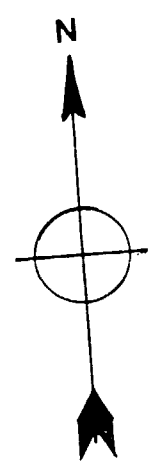
For locations of these gauges, see plate 5-03.

FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

HYDROMETEOROLOGIC  
GAUGES IN THE VICINITY OF  
FULLERTON DAM

US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT

- P** PRECIPITATION GAUGE
- S** STREAMFLOW GAUGE
- N** RADIO REPORTING



**FULLERTON DAM**  
**FULLERTON CREEK**  
**CALIFORNIA**

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**PRECIPITATION AND**  
**STREAMFLOW GAUGES**  
**PERTINENT TO FULLERTON DAM**

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**US ARMY CORPS OF ENGINEERS**  
**LOS ANGELES DISTRICT**

Rating Table for Fullerton Creek below Fullerton Dam (FLTN)

<u>Gauge Height (ft)</u>	<u>Channel Flow (cfs)</u>	<u>Gauge Height (ft)</u>	<u>Channel Flow (cfs)</u>
3.00	0	6.10	159.0
3.10	0.01	6.20	168.0
3.20	0.11	6.30	177.0
3.30	0.70	6.40	186.0
3.40	2.65	6.50	195.0
3.50	7.30	6.60	205.0
3.60	15.0	6.70	215.0
3.70	18.3	6.80	225.0
3.80	21.0	6.90	235.0
3.90	23.5	7.00	246.0
4.00	27.0	7.10	257.0
4.10	31.1	7.20	267.0
4.20	35.3	7.30	278.0
4.30	38.9	7.40	288.0
4.40	44.6	7.50	300.0
4.50	49.5	7.60	312.0
4.60	54.4	7.70	323.0
4.70	59.4	7.80	335.0
4.80	64.9	7.90	348.0
4.90	70.9	8.00	360.0
5.00	77.0	8.10	372.0
5.10	83.6	8.20	385.0
5.20	90.4	8.30	398.0
5.30	97.4	8.40	411.0
5.40	105.0	8.50	424.0
5.50	112.0	8.60	437.0
5.60	119.0	8.70	450.0
5.70	127.0	8.80	463.0
5.80	135.0	8.90	477.0
5.90	143.0	9.00	490.0
6.00	151.0		

FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

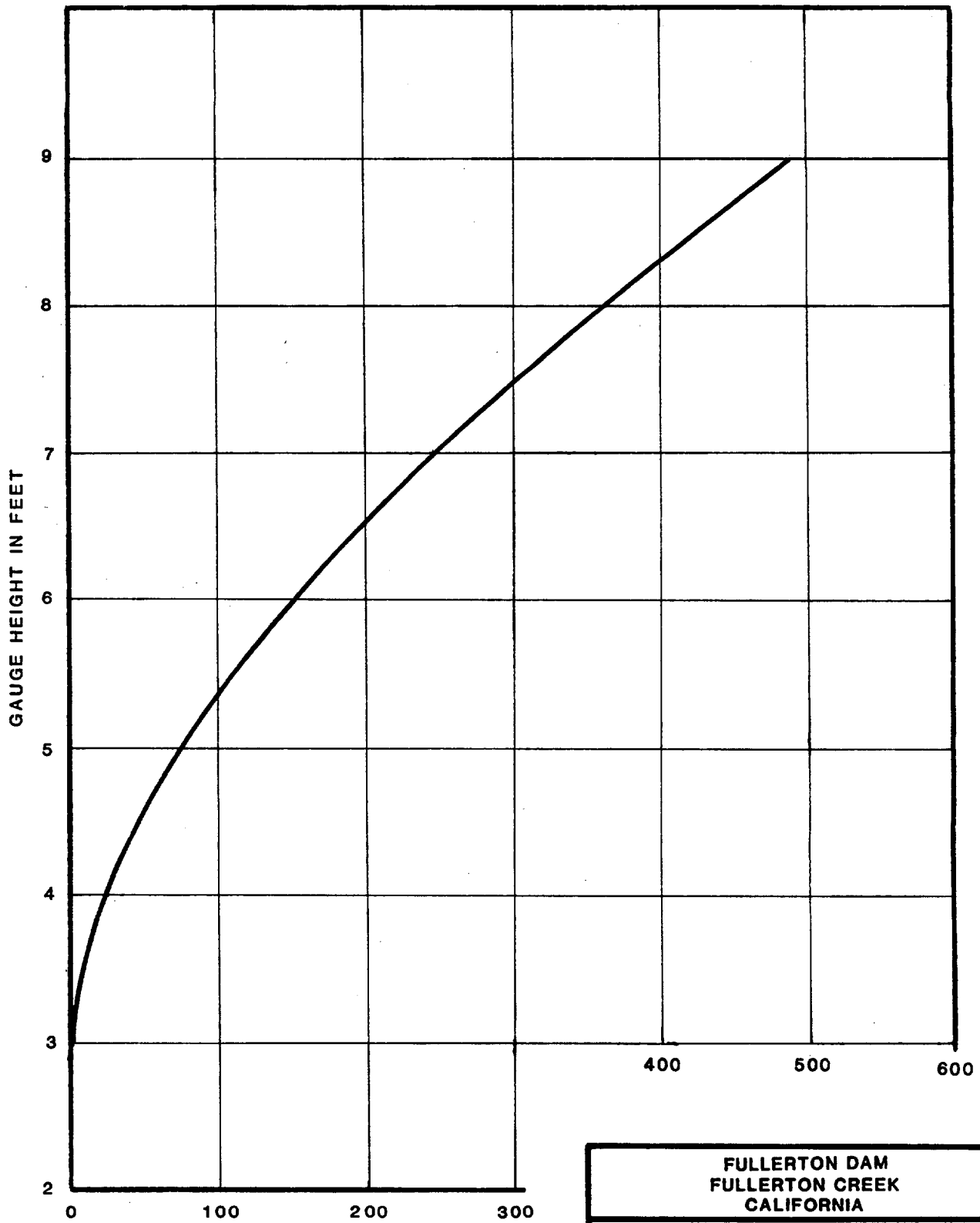
RATING TABLE FOR  
FULLERTON CREEK BELOW  
FULLERTON DAM (FLTN)

US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT

Rating Table for Fullerton Creek at Richmond Avenue (FCKR)

<u>Gauge Height (ft)</u>	<u>Channel Flow (cfs)</u>	<u>Gauge Height (ft)</u>	<u>Channel Flow (cfs)</u>
0.00	0	6.20	1800
0.20	0.4	6.40	1900
0.40	2.7	6.60	2000
0.60	9.5	6.80	2100
0.80	24.0	7.00	2200
1.00	43.0	7.20	2320
1.20	63.0	7.40	2440
1.40	86.0	7.60	2560
1.60	114	7.80	2680
1.80	145	8.00	2800
2.00	182	8.20	2940
2.20	222	8.40	3080
2.40	266	8.60	3220
2.60	316	8.80	3360
2.80	367	9.00	3500
3.00	419	9.20	3640
3.20	480	9.40	3780
3.40	545	9.60	3920
3.60	616	9.80	4060
3.80	689	10.00	4220
4.00	766	10.20	4380
4.20	847	10.40	4540
4.40	932	10.60	4700
4.60	1020	10.80	4860
4.80	1110	11.00	5020
5.00	1200	11.20	5180
5.20	1300	11.40	5340
5.40	1400	11.60	5500
5.60	1500	11.80	5660
5.80	1600	12.00	5820
6.00	1700		

FULLERTON DAM FULLERTON CREEK CALIFORNIA
RATING TABLE FOR FULLERTON CREEK AT RICHMOND AVENUE (FCKR)
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

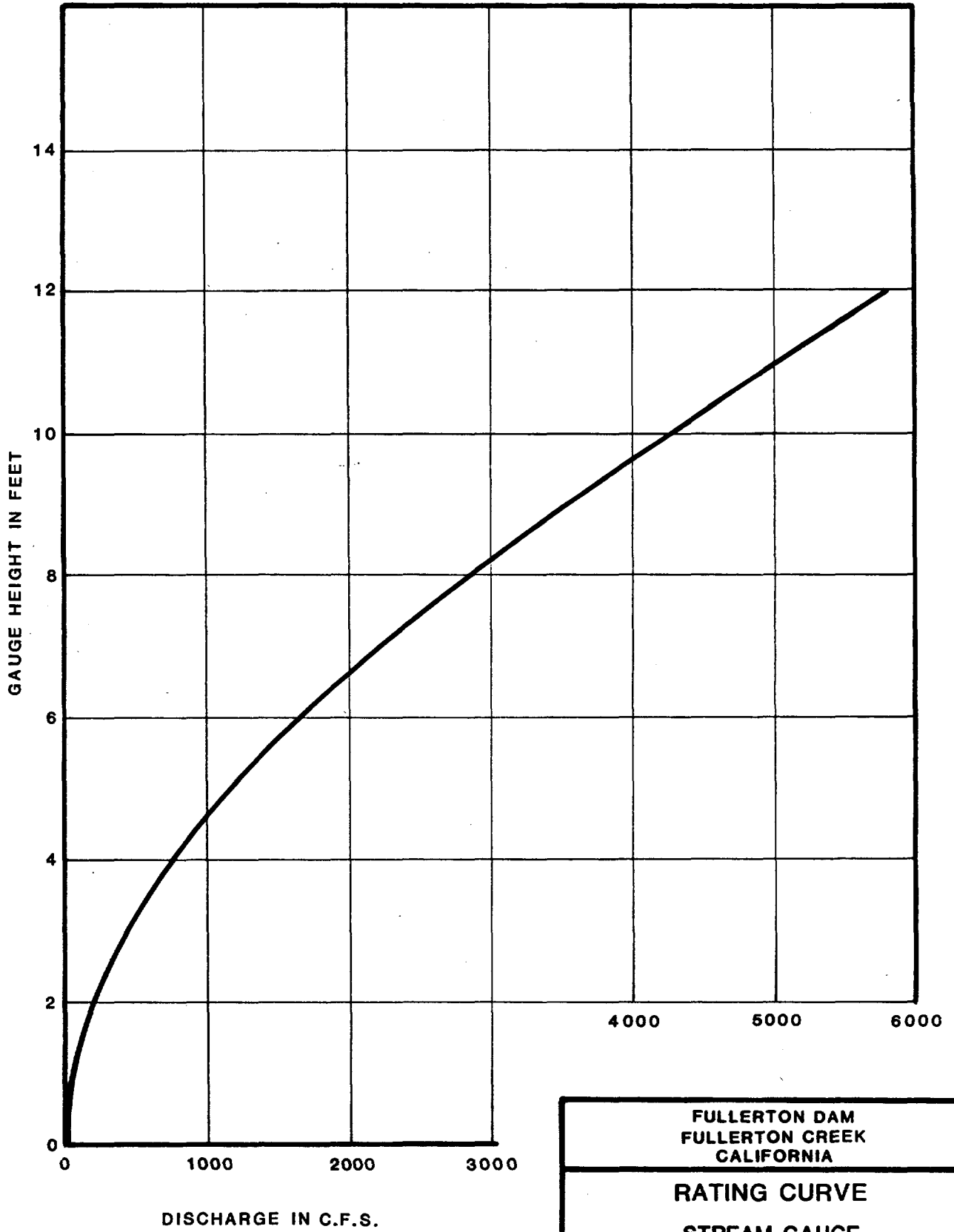


DISCHARGE IN C.F.S.

FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

RATING CURVE  
 STREAM GAUGE  
 FULLERTON CREEK BELOW  
 FULLERTON DAM (FLTN)

U.S. ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT



**FULLERTON DAM**  
**FULLERTON CREEK**  
**CALIFORNIA**

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**RATING CURVE**

**STREAM GAUGE**  
**FULLERTON CREEK AT**  
**RICHMOND AVE. (FCKR)**

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**U.S. ARMY CORPS OF ENGINEERS**  
**LOS ANGELES DISTRICT**

Notification List for Fullerton Dam  
(See Orange Book for Home Phone Numbers)

a. Prior to the starting of releases notify--

Orange County Storm Center	714-834-7083
--Environmental Management Agency (Manager Operations Division)	714-634-7003 714-834-3820
Orange County Sheriff (24-hour)	714-834-3000
City of Fullerton	714-738-6306
Fullerton Police Department	714-738-6817 714-738-6800

b. If the water will reach elevation 275 notify:

USACE, Operation and Maintenance Section	818-401-4008
Craig Regional Park, Ranger Station	714-990-0271

c. If water will reach elevation 285 notify:

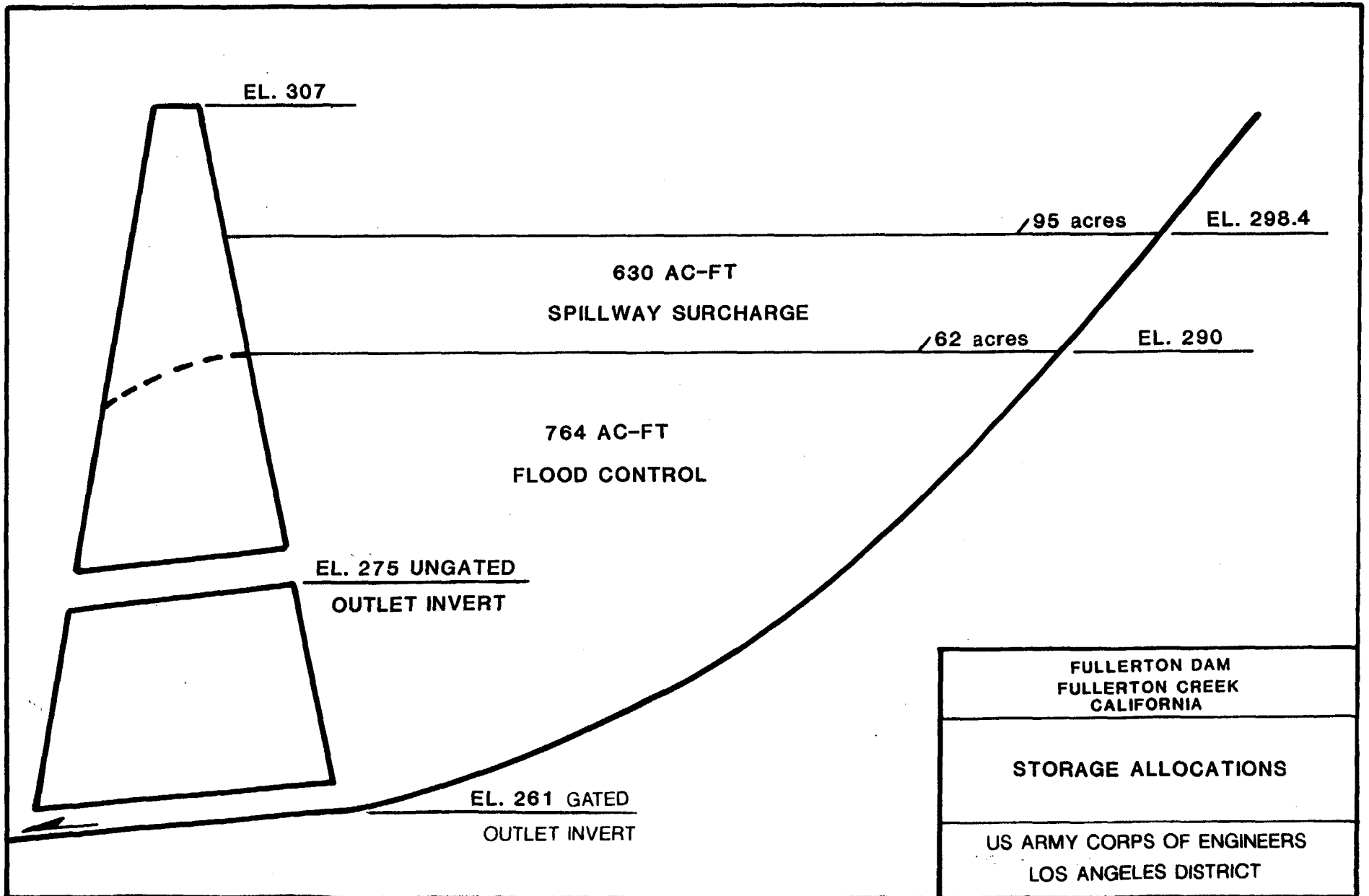
SPECIAL DAM INSPECTION TEAM

John Karakawa (Team Leader)	213-894-2245
Steve Vaughan	213-894-5546
Andy Korkos	213-894-5949

d. If uncontrolled spillway flow (above elevation 290) or a dam break is imminent make the following emergency evacuation notifications:

USACE, Emergency Management Branch	213-894-3440
Orange County Communications Center (24-hour)	714-834-2127
Fullerton Police Department	714-738-6800

FULLERTON DAM FULLERTON CREEK CALIFORNIA
NOTIFICATION LIST  FOR FULLERTON DAM
US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

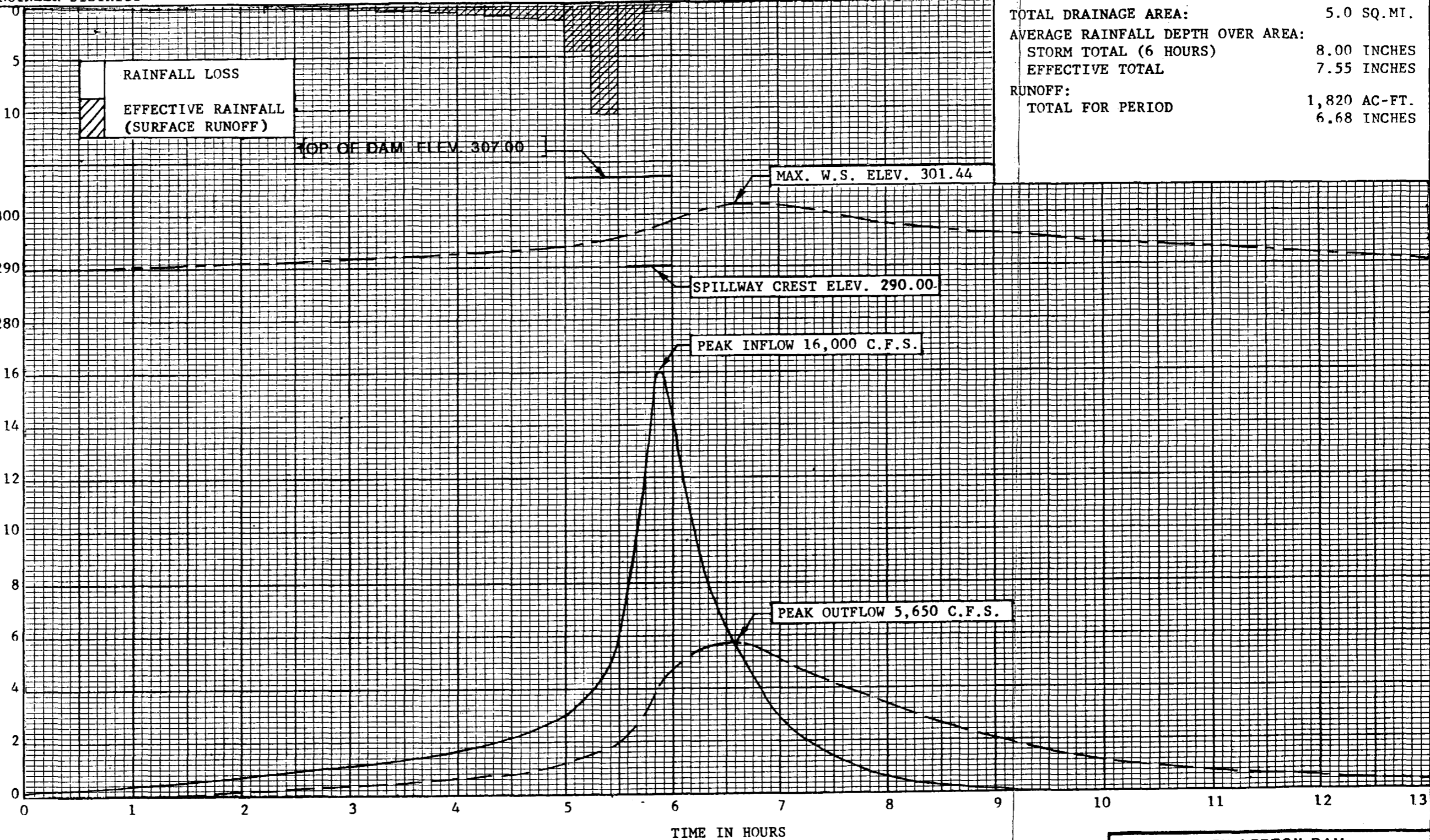




RAINFALL IN  
INCHES PER  
HOUR (AVERAGE  
RATE OVER AREA

WATER SURFACE ELE-  
VATION IN FEET ABOVE  
MEAN SEA LEVEL

DISCHARGE IN THOUSAND CUBIC FEET PER SECOND

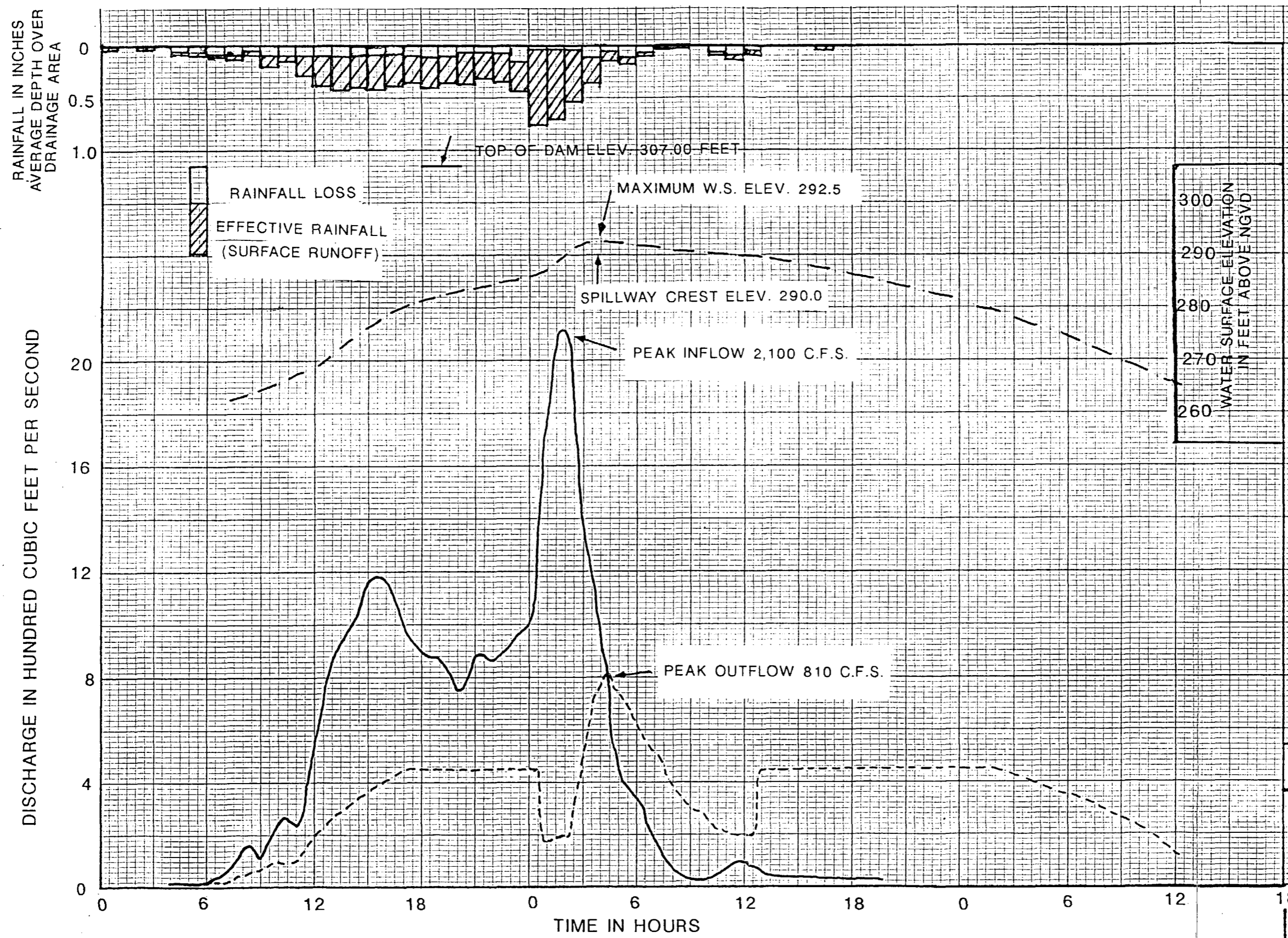


TOTAL DRAINAGE AREA:	5.0 SQ. MT.
AVERAGE RAINFALL DEPTH OVER AREA:	
STORM TOTAL (6 HOURS)	8.00 INCHES
EFFECTIVE TOTAL	7.55 INCHES
RUNOFF:	
TOTAL FOR PERIOD	1,820 AC-FT. 6.68 INCHES

FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

PROBABLE MAXIMUM  
FLOOD ROUTING

U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT

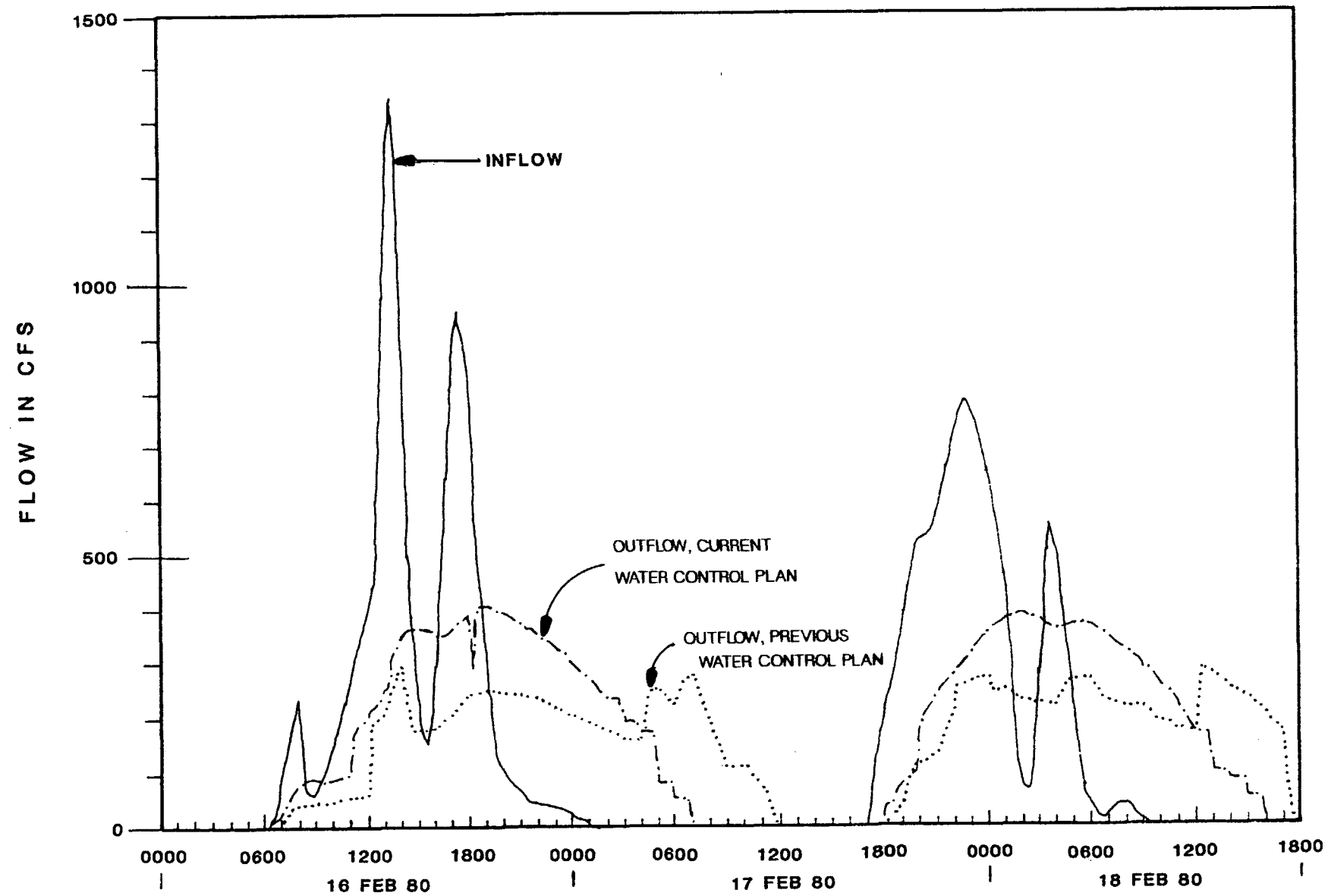


TOTAL DRAINAGE AREA:	5.0 SQ. MI.
AVERAGE RAINFALL DEPTH OVER AREA:	
MAXIMUM 24-HOUR	9.25 INCHES
TOTAL STORM	10.20 INCHES
RUNOFF:	
MAXIMUM 24-HOUR	1,630 AC-FT 6.11 INCHES
TOTAL STORM	1,750 AC-FT 6.56 INCHES

FULLERTON DAM  
FULLERTON CREEK, CALIFORNIA

STANDARD PROJECT FLOOD ROUTING  
1989 RESERVOIR REGULATION  
SCHEDULE

U. S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT

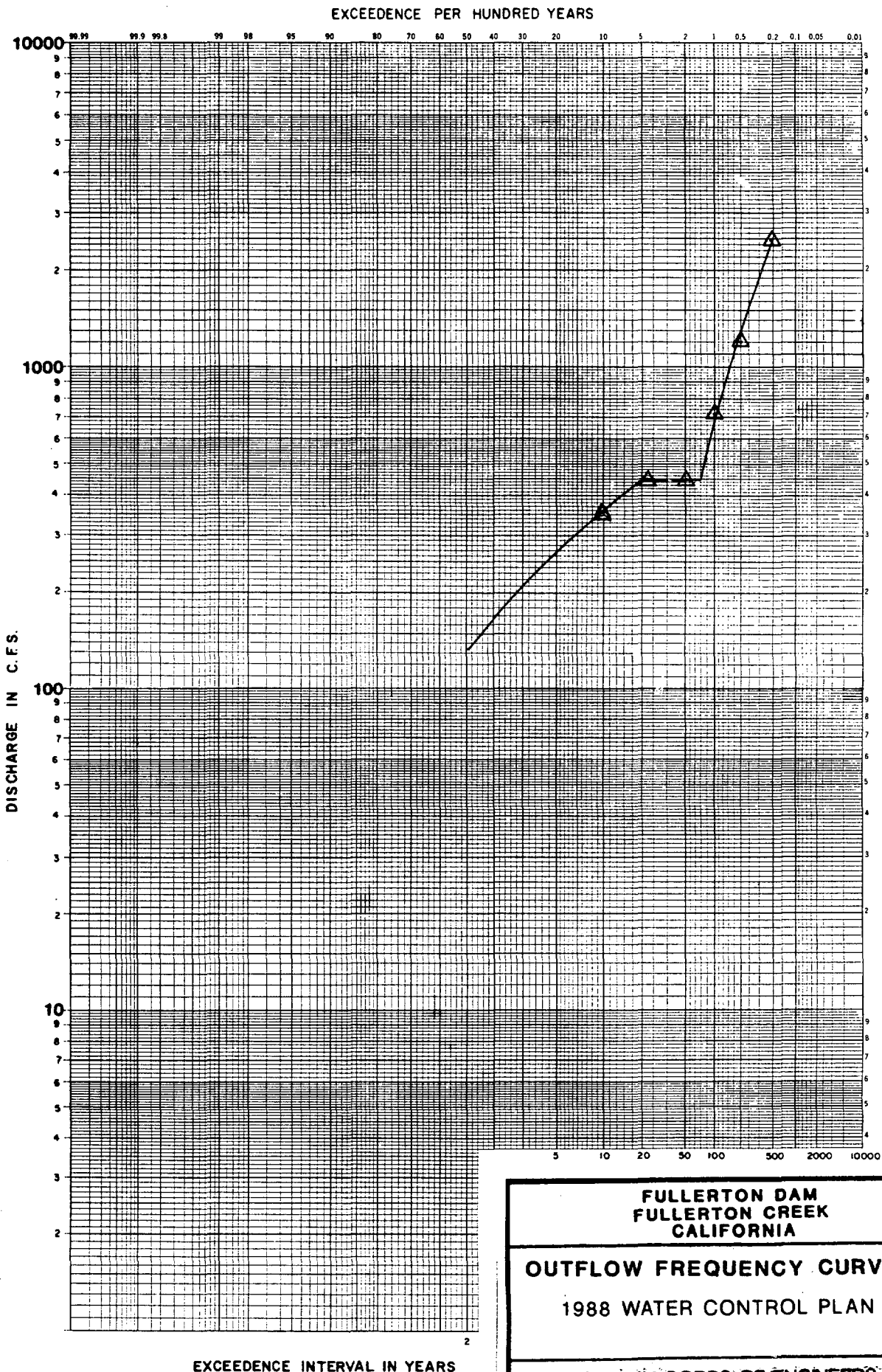


FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

16-18 FEBRUARY 1980 FLOOD ROUTING  
 COMPARING CURRENT AND PREVIOUS

**WATER CONTROL PLAN**

US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT



**FULLERTON DAM**  
**FULLERTON CREEK**  
**CALIFORNIA**

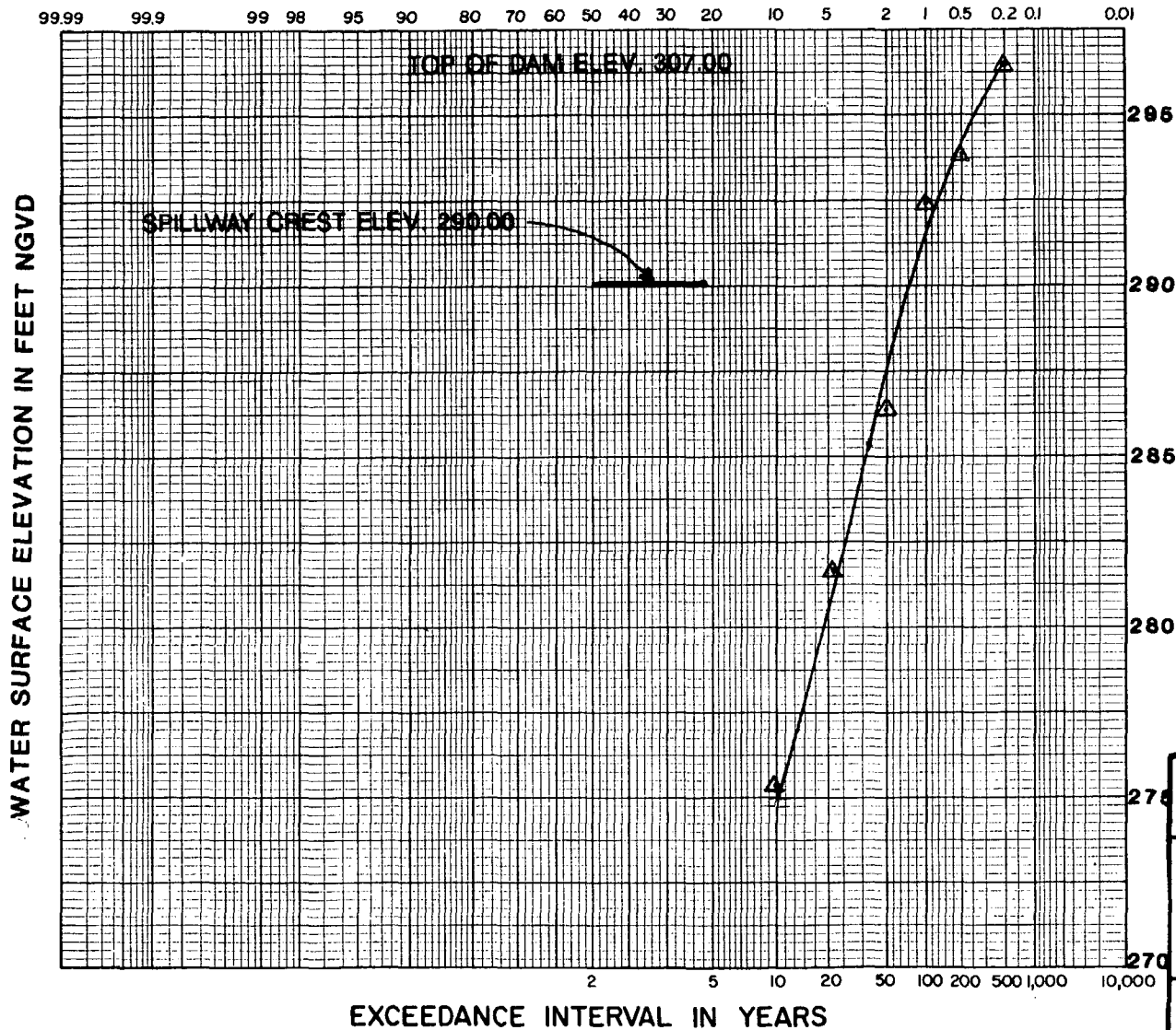
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**OUTFLOW FREQUENCY CURVE**  
 1988 WATER CONTROL PLAN

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US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT

EXCEEDANCE FREQUENCY PER HUNDRED YEARS

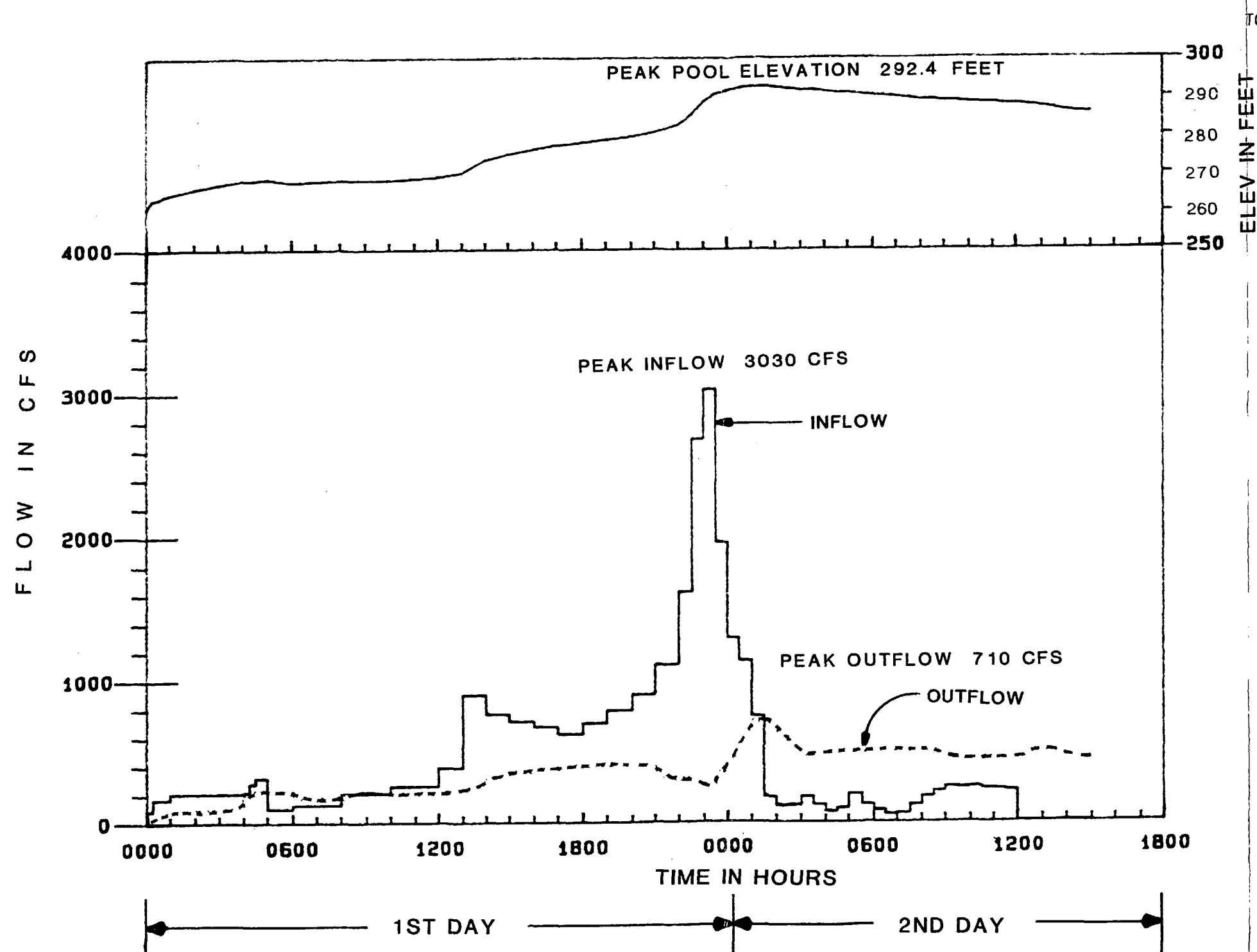


FULLERTON DAM  
FULLERTON CREEK  
CALIFORNIA

ELEVATION FREQUENCY CURVE

1988 WATER CONTROL PLAN

US ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT



FULLERTON DAM  
 FULLERTON CREEK  
 CALIFORNIA

**100-YEAR FLOOD ROUTING**

US ARMY CORPS OF ENGINEERS  
 LOS ANGELES DISTRICT