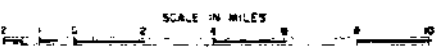


- LEGEND**
- BOUNDARY OF DRAINAGE AREA
 - IMPROVEMENT COMPLETED BY C. OF E.
 - IMPROVEMENT TO BE CONSTRUCTED BY C. OF E.
 - IMPROVEMENT COMPLETED BY LOCAL INTERESTS.
 - IMPROVEMENT TO BE CONSTRUCTED BY LOCAL INTERESTS.
 - ▽ DEBRIS BASIN
 - ◻ FLOOD-CONTROL RESERVOIR
 - ◻ WATER-SUPPLY RESERVOIR
 - △ STREAM-GAGING STATION
 - CLIMATOLOGICAL STATION
 - PRECIPITATION STATION

NOTE
ONLY THOSE PRECIPITATION AND STREAM-GAGING STATIONS USED IN THE OPERATION OF WHITTIER NARROWS DAM ARE SHOWN.



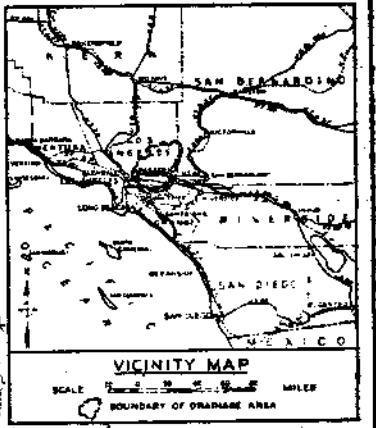
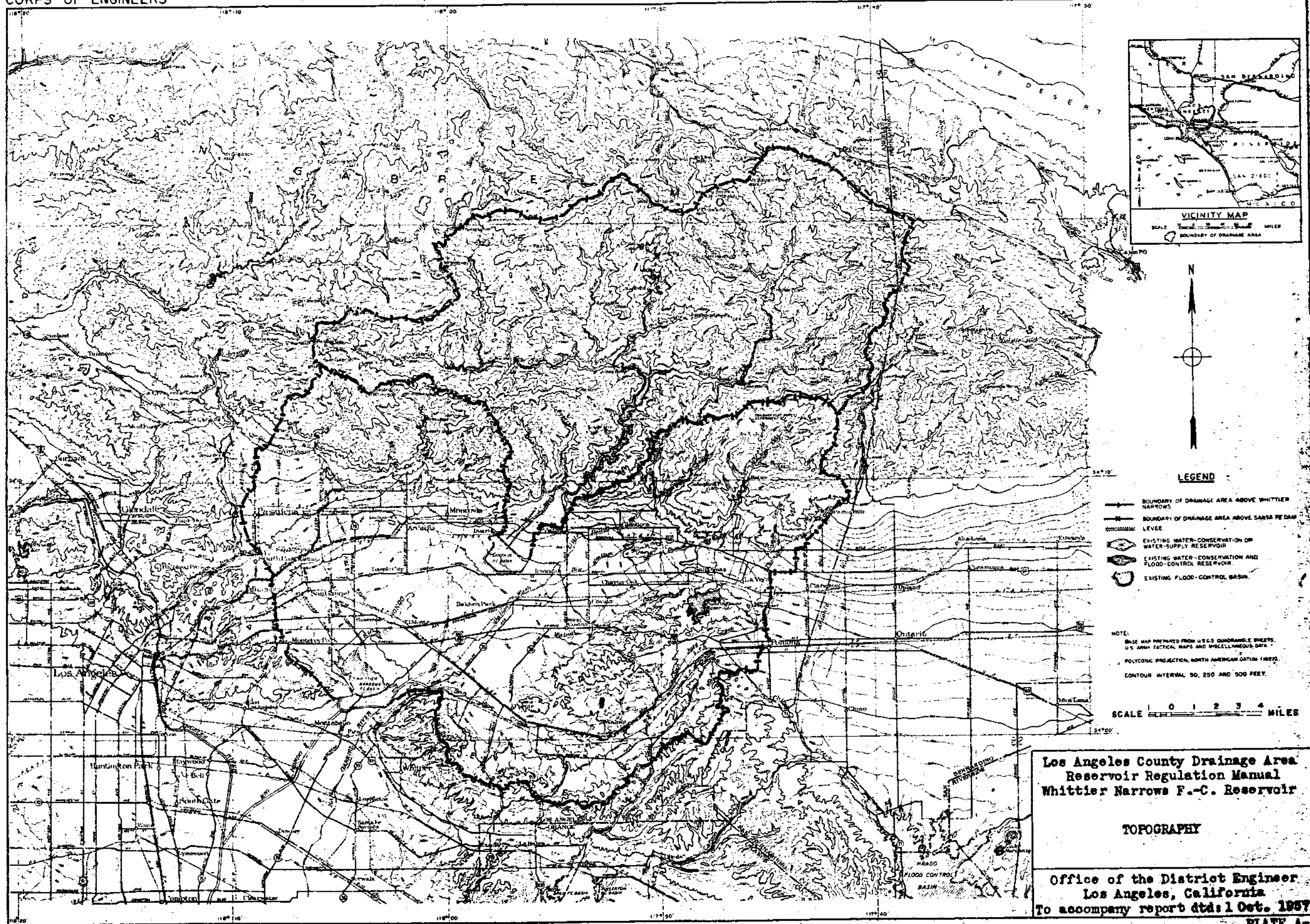
- STREAM GAGING STATIONS**
- | NO. | TITLE |
|-----|---|
| 1 | RIO HONDO BELOW GARVEY AVENUE |
| 2 | ALHAMBRA WASH NEAR KLINGERMAN STREET |
| 3 | RIO HONDO ABOVE MISSION BRIDGE (ABANDONED) |
| 4 | FLOOD FLOW CHANNEL AT ROSEMEAD BOULEVARD |
| 5 | MISSION CREEK BELOW WHITTIER NARROWS DAM |
| 6 | RIO HONDO BELOW WHITTIER NARROWS DAM |
| 7 | RIO HONDO AT STEWART AND GRAY ROAD |
| 8 | LOS ANGELES RIVER AT FIRESTONE BOULEVARD |
| 9 | LOS ANGELES RIVER BELOW BELHART STREET |
| 10 | SAN GABRIEL RIVER AT PARKWAY BRIDGE |
| 11 | SAN GABRIEL RIVER AT BEVERLY BOULEVARD (ABANDONED) |
| 12 | SAN GABRIEL RIVER AT WHITTIER BOULEVARD (ABANDONED) |
| 13 | SAN GABRIEL RIVER AT FLORENCE AVE |
| 14 | SAN GABRIEL RIVER AT SPRING STREET |

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HYDROLOGIC MAP

**Office of the District Engineer
Los Angeles, California**

To accompany report dtd: 1 Oct. 1957



LEGEND

- BOUNDARY OF DRAINAGE AREA ABOVE WHITTIER NARROWS
- BOUNDARY OF DRAINAGE AREA ABOVE SANTA PEDAM LEVEE
- EXISTING WATER-CONSERVATION OR WATER-SUPPLY RESERVOIR
- EXISTING WATER-CONSERVATION AND FLOOD-CONTROL RESERVOIR
- EXISTING FLOOD-CONTROL BASIN

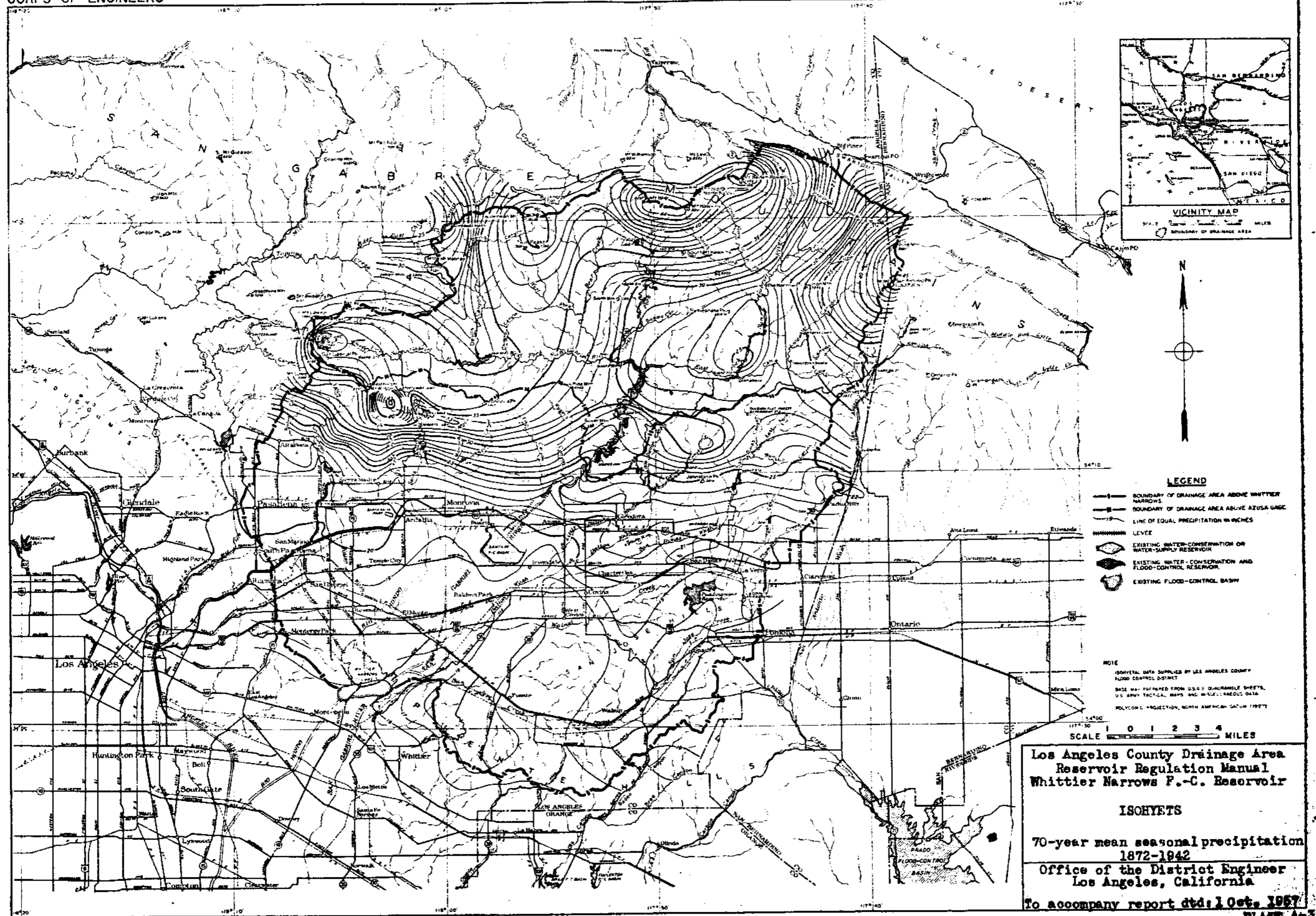
NOTE:
 BASE MAP PREPARED FROM U.S.G.S. QUADRANGLE SHEETS,
 U.S. ARMY TACTICAL MAPS AND MISCELLANEOUS DATA.
 POLYCONIC PROJECTION, NORTH AMERICAN DATUM (1922).
 CONTOUR INTERVAL 50, 250 AND 500 FEET.

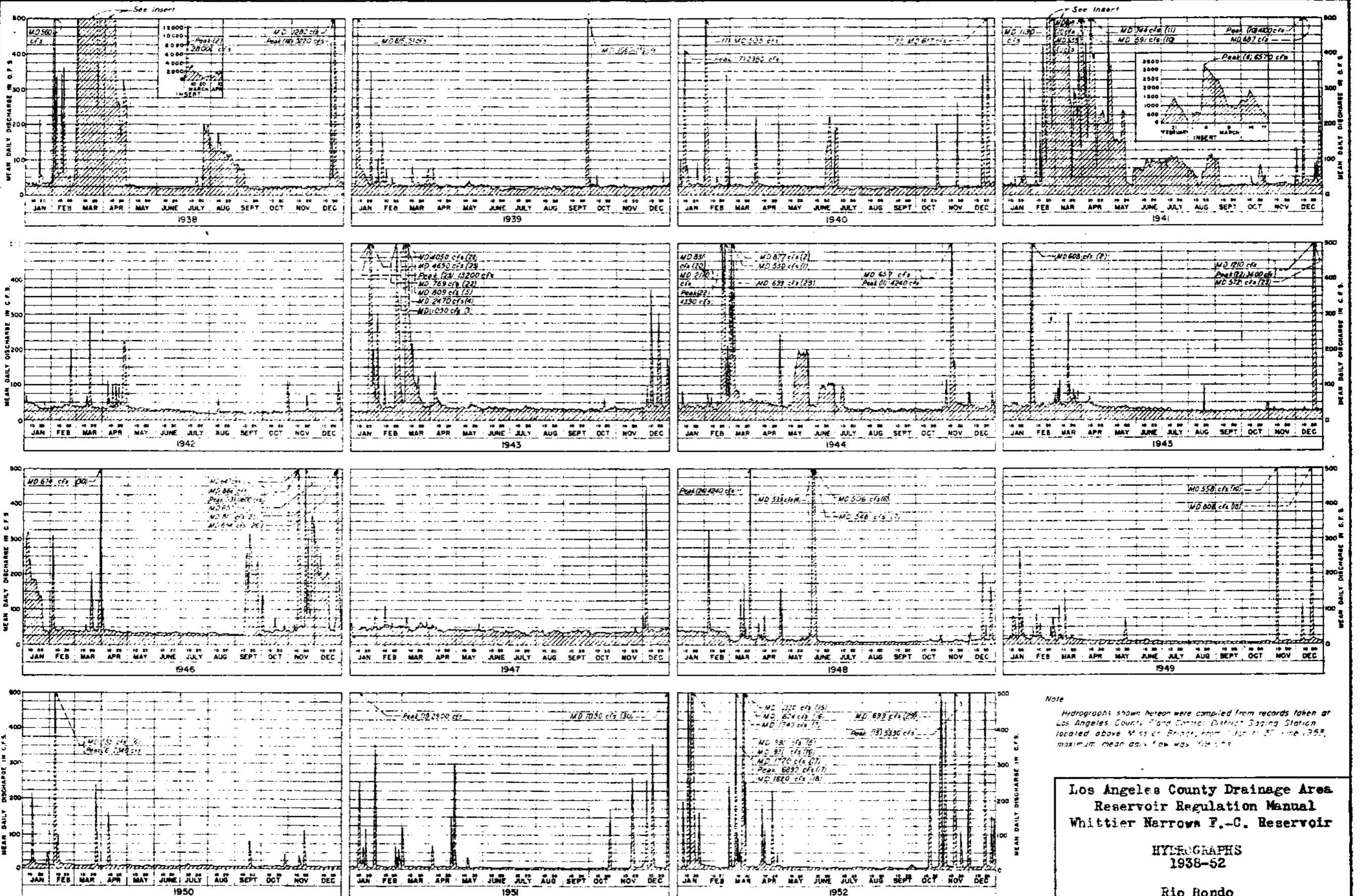
SCALE 0 1 2 3 4 MILES

**Los Angeles County Drainage Area
 Reservoir Regulation Manual
 Whittier Narrows F.-C. Reservoir**

TOPOGRAPHY

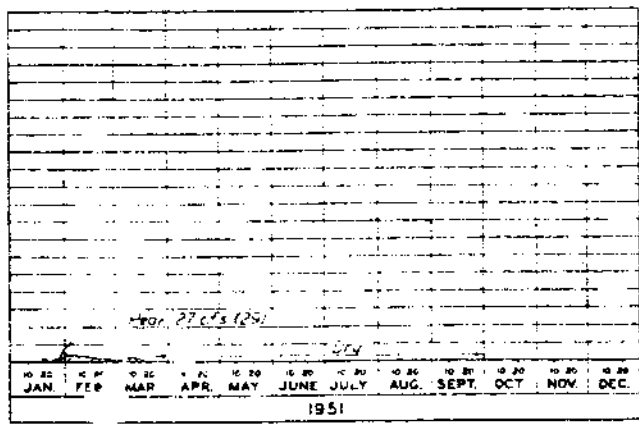
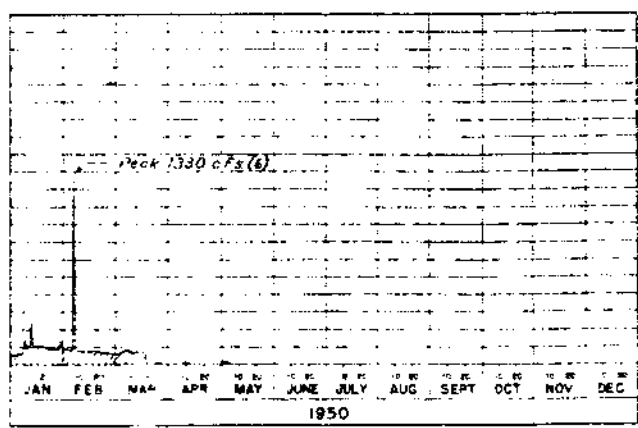
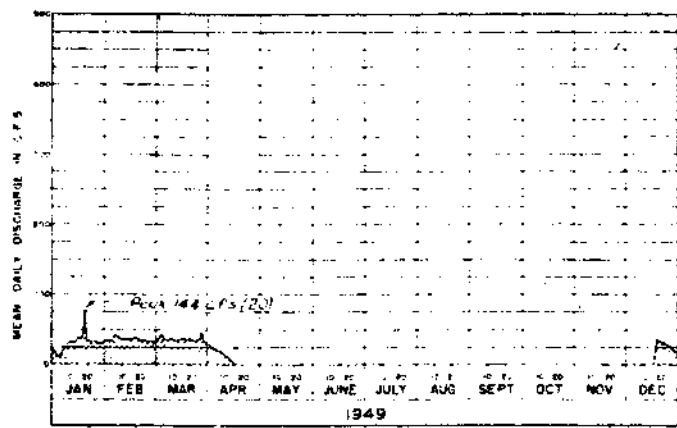
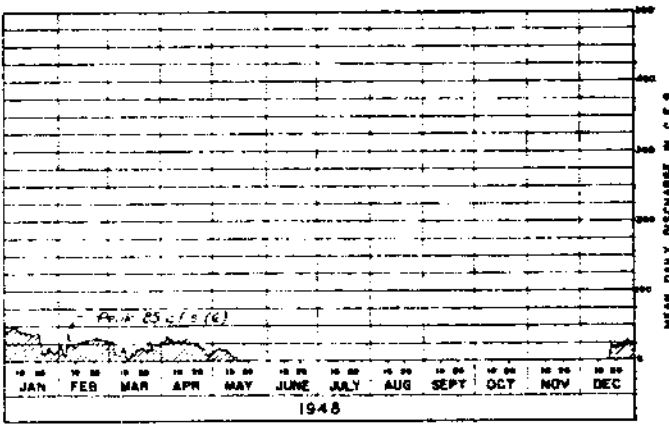
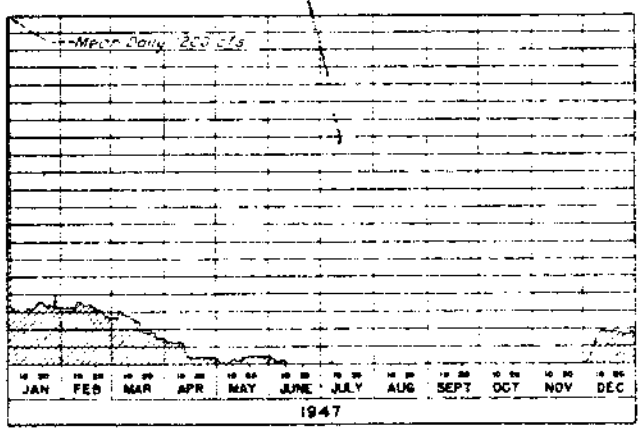
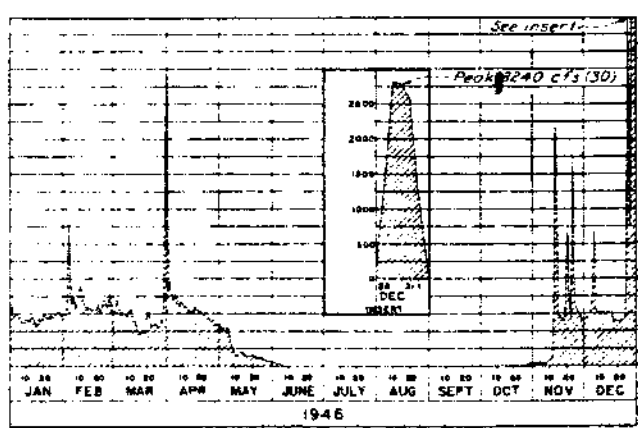
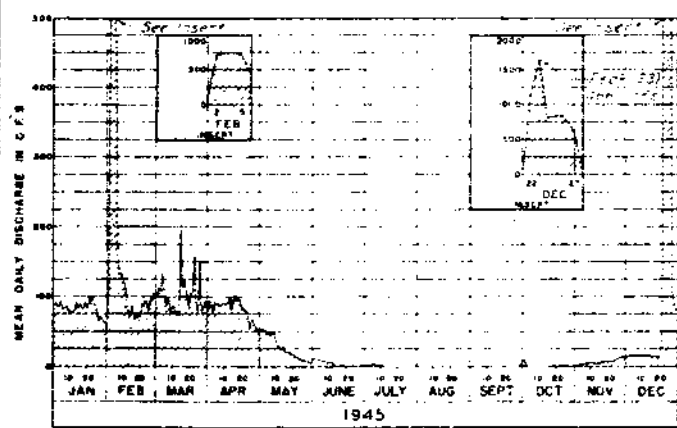
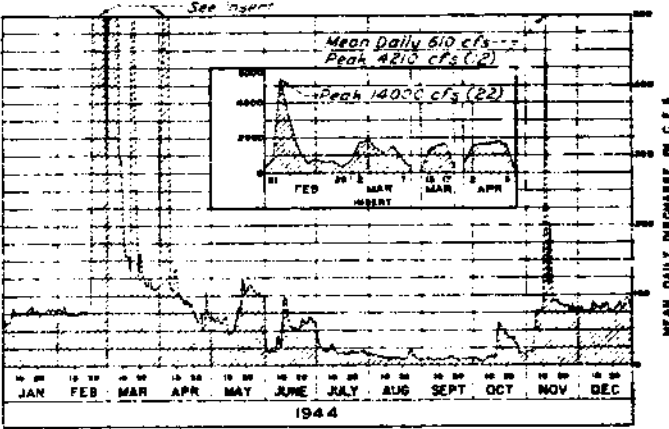
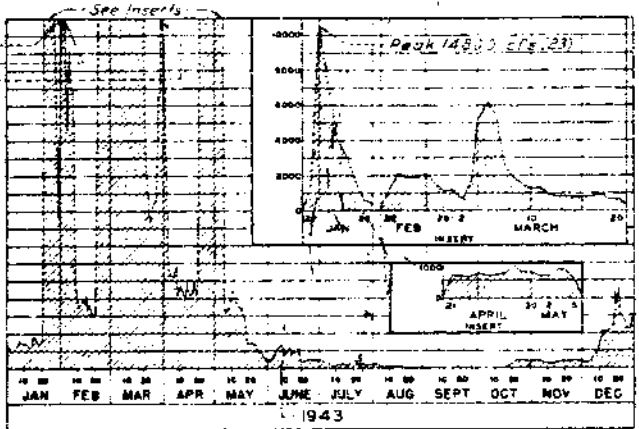
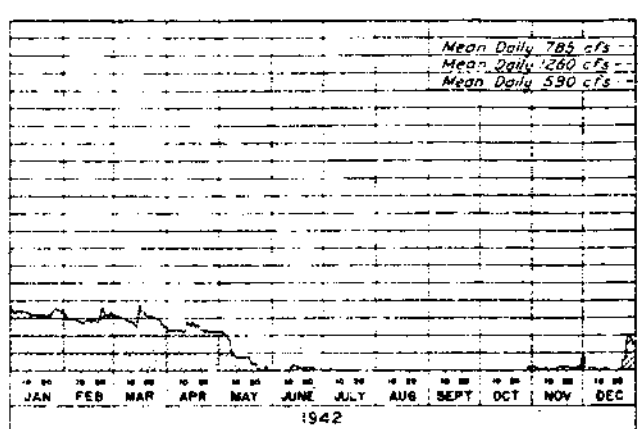
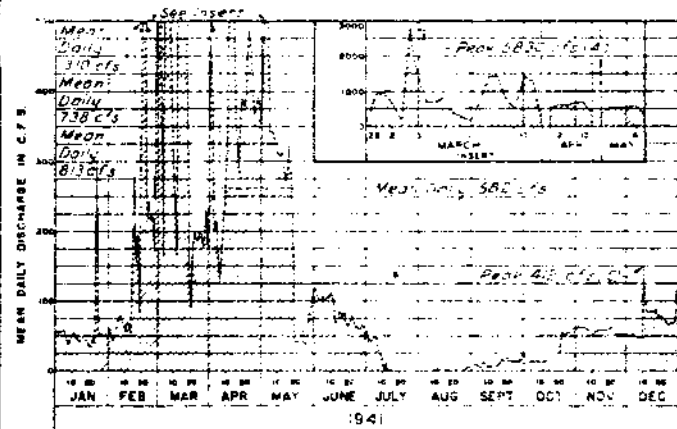
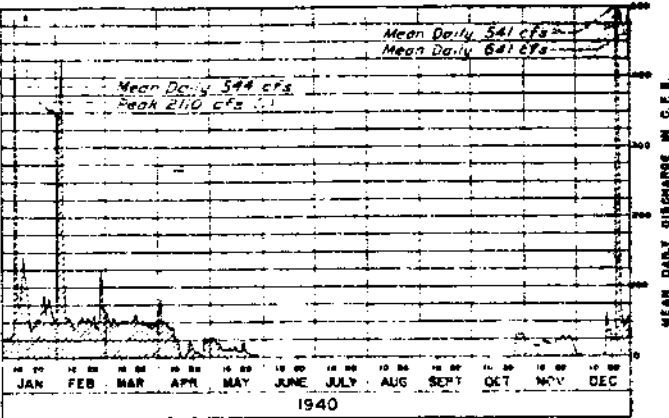
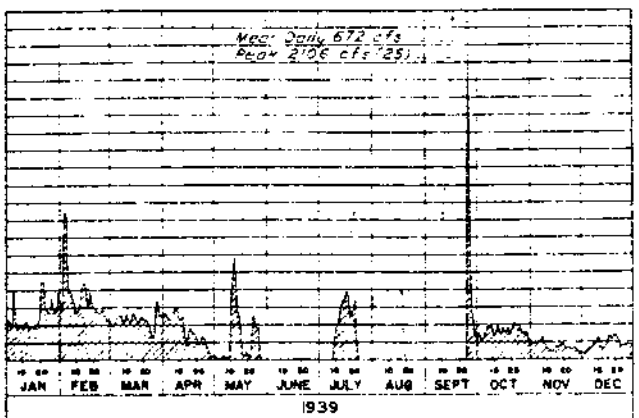
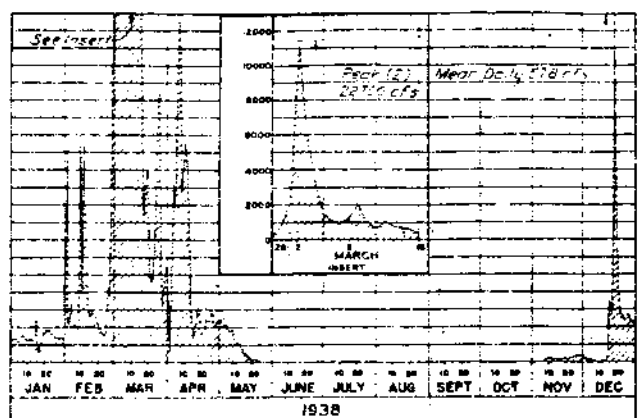
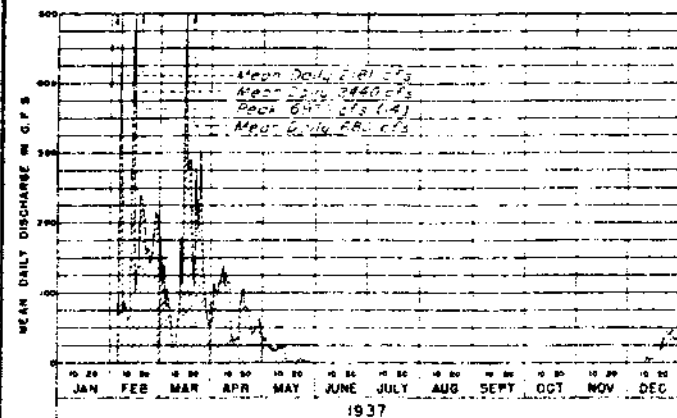
Office of the District Engineer
 Los Angeles, California
 To accompany report dtd: 1 Oct. 1957





Note
 Hydrographs shown hereon were compiled from records taken at Los Angeles County Flood Control District Gauging Station located above Mass. St. Bridge, from 1/1/31 to 12/31/52. maximum mean daily flow was 700 cfs.

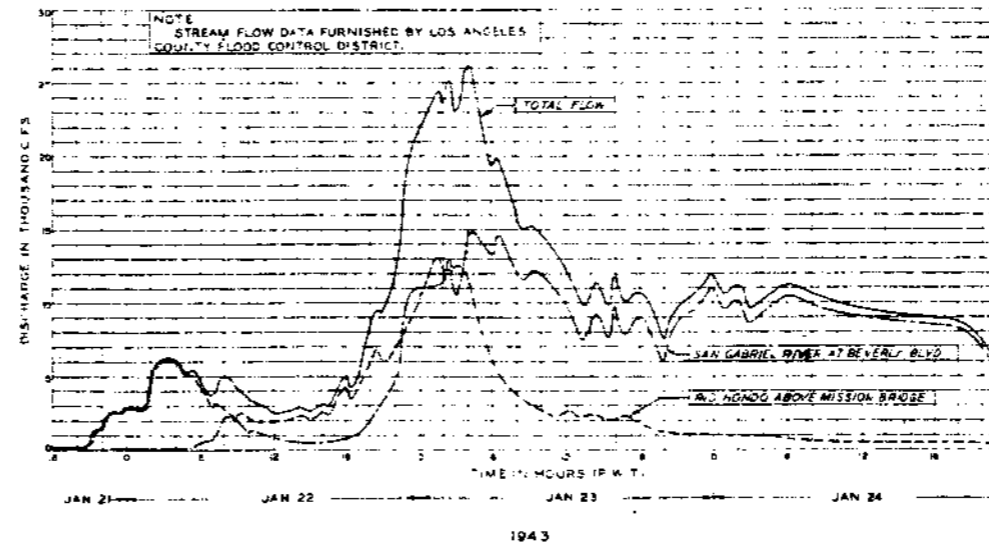
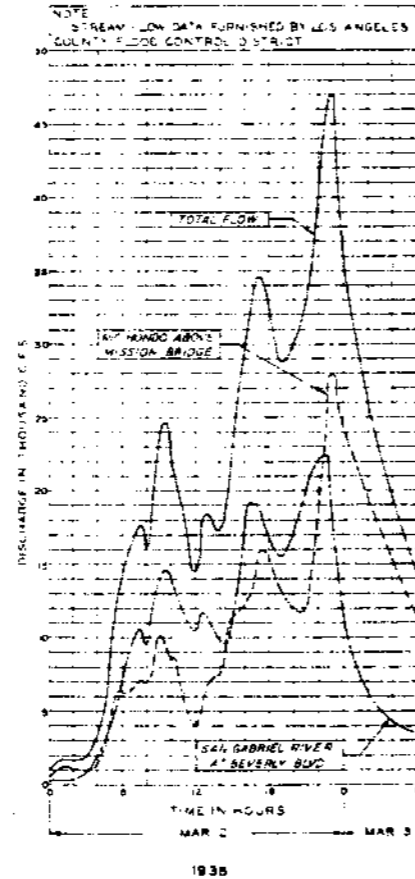
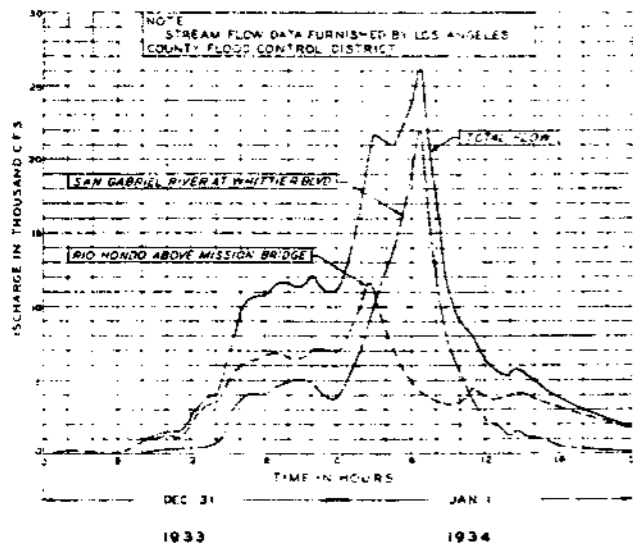
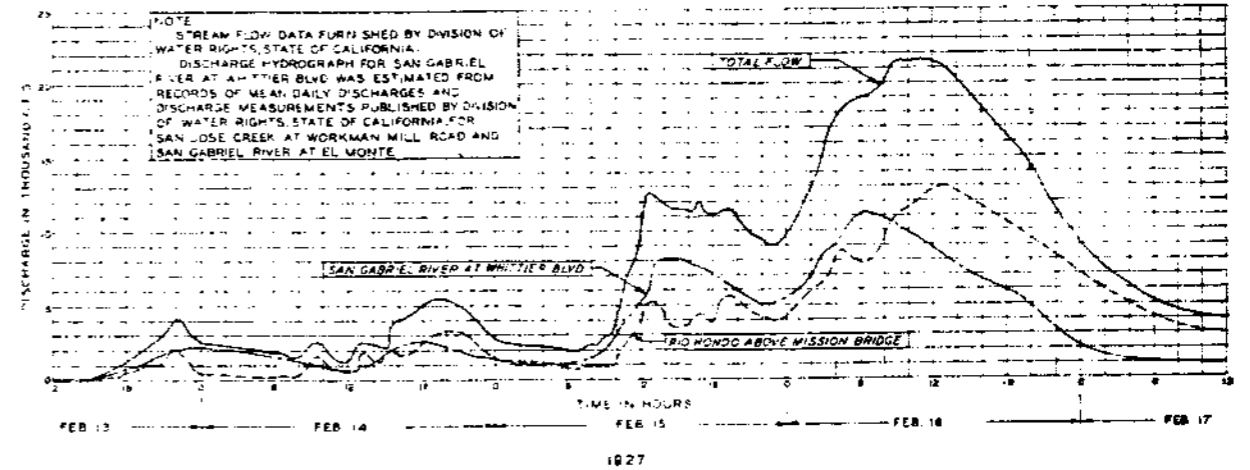
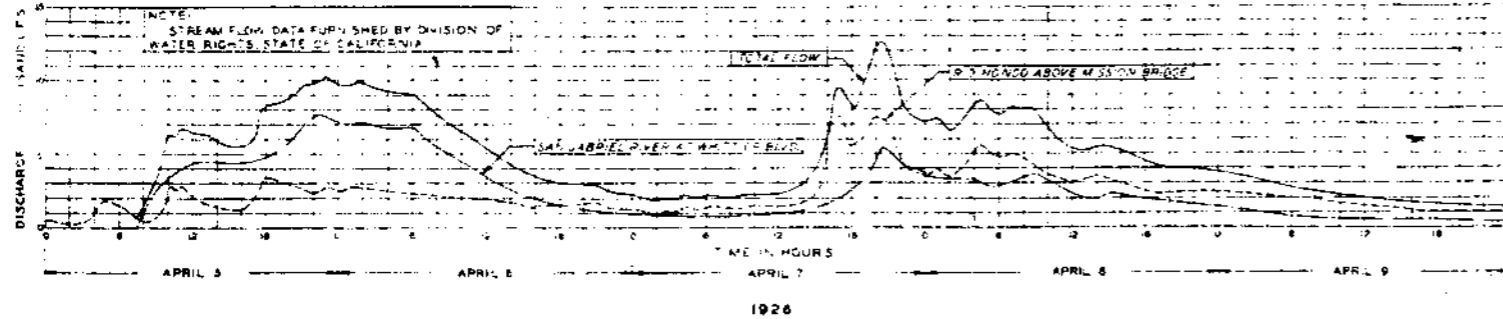
Los Angeles County Drainage Area
 Reservoir Regulation Manual
 Whittier Narrows F.-C. Reservoir
 HYDROGRAPHS
 1938-52
 Rio Bondo
 Office of the District Engineer
 Los Angeles, California
 To accompany report dtd: 1 Oct. 1957



Note
Hydrographs shown hereon were compiled from records taken from the Los Angeles County Flood Control District gaging station at Beverly Boulevard. Flow is partially regulated by flow control.

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HYDROGRAPHS
1937-51

San Gabriel River
Office of the District Engineer
Los Angeles, California
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FLOOD	PEAK DISCHARGE	MAX 24-HR VOLUME		MAX 2-DAY VOLUME		MAX 4-DAY VOLUME	
	CFS	AC-FT	DEPTH	AC-FT	DEPTH	AC-FT	DEPTH
1926	12,400	18,000	5	27,000	7	43,000	1.8
1927	21,800	33,000	11	48,000	1.8	83,000	2.1
1934	26,200	25,000	8	30,000	1.0	3,000	1.1
1938	47,000	51,000	1.7	78,000	2.8	99,000	3.4
1943	26,200	31,000	1.1	48,000	1.8	68,000	2.3

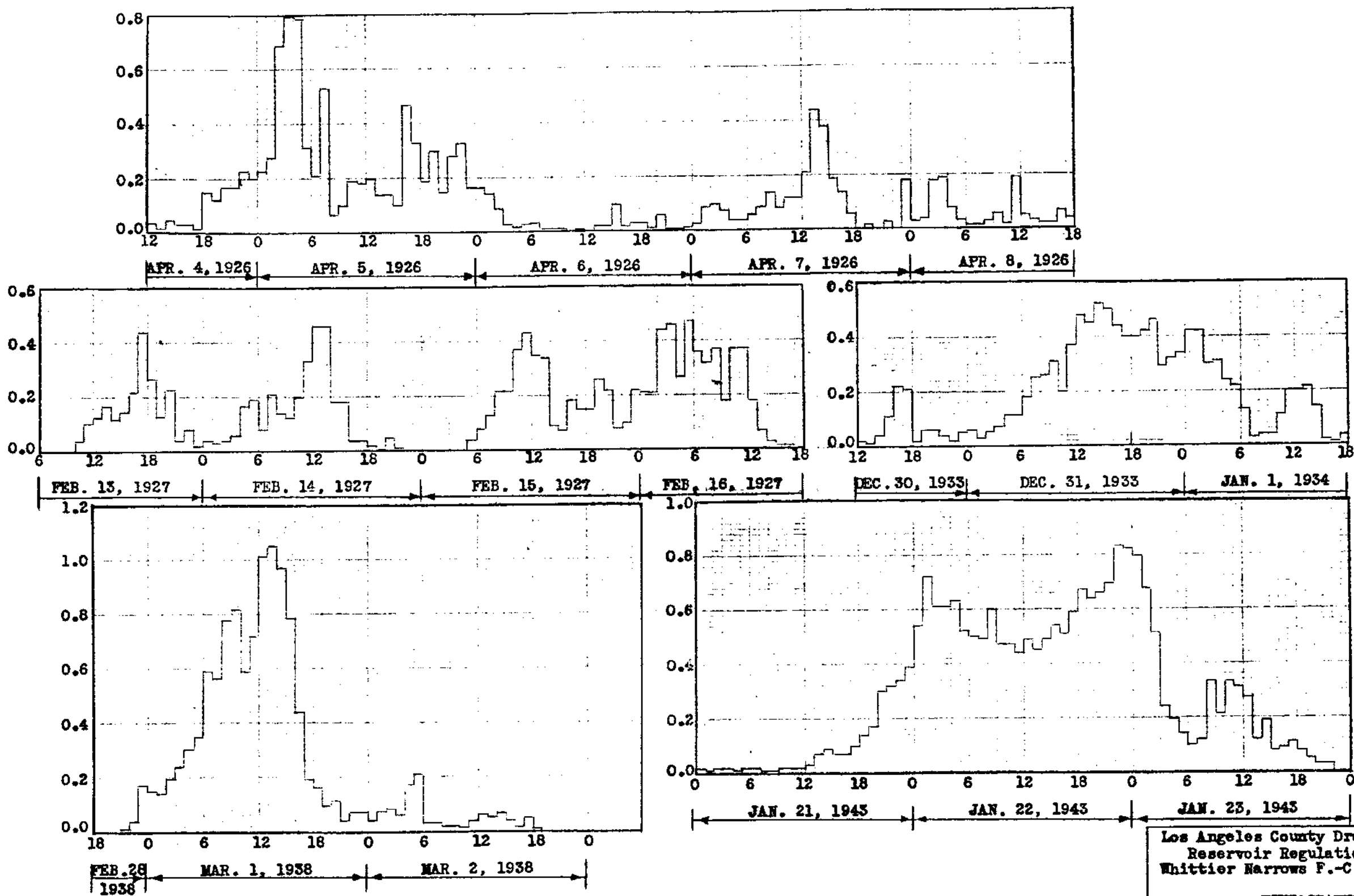
(1) CALENDAR DAY
(2) AVERAGE DEPTH IN INCHES OVER THE DRAINAGE AREA

Los Angeles County Drainage Area
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ESTIMATED FLOOD HYDROGRAPHS
at Whittier Harrows

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PRECIPITATION IN INCHES PER HOUR
(AVERAGE RATE OVER AREA)



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HYETOGRAPHS
FOR MAJOR STORMS

Above Whittier Narrows Dam
Office of the District Engineer
Los Angeles, California
To accompany report dtd: 1 Oct. 1957

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

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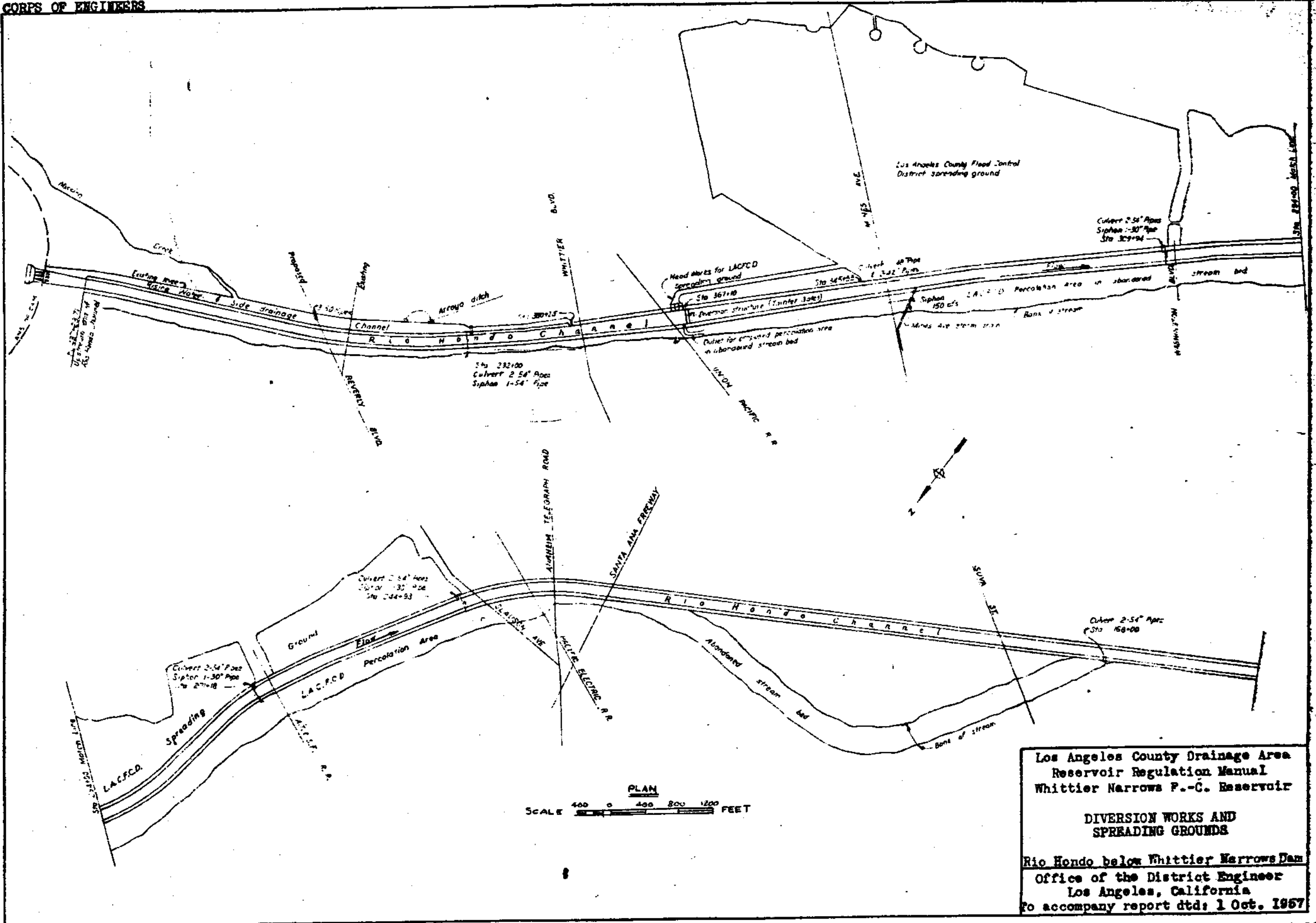
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Los Angeles County Drainage Area
 Reservoir Regulation Manual
 Whittier Narrows P.-C. Reservoir

**DIVERSION WORKS AND
 SPREADING GROUNDS**

Rio Hondo below Whittier Narrows Dam
 Office of the District Engineer
 Los Angeles, California
 To accompany report dtd: 1 Oct. 1957