



MAXIMUM WATER-SURFACE EL. 651.3

RAINFALL LOSS
 EFFECTIVE RAINFALL (SURFACE RUNOFF)

PEAK INFLOW 95,000 C.F.S.

PEAK OUTFLOW 12,700 C.F.S.

DRAINAGE AREA.....	1,125 SQ. MI.
AVERAGE RAINFALL DEPTH OVER AREA:	
MAXIMUM 24-HOUR.....	7.17 INCHES
TOTAL (48-HOUR).....	10.07 INCHES
EFFECTIVE, MAXIMUM 24-HOUR.....	1.95 INCHES
EFFECTIVE, TOTAL STORM.....	2.07 INCHES
RUNOFF:	
MAXIMUM 24-HOUR.....	107,500 AC.-FT. 1.79 INCHES
TOTAL (1ST THROUGH 3D DAY).....	139,100 AC.-FT. 2.32 INCHES

Santa Maria R. & Tributaries, Calif.
Reservoir Regulation Manual
Twitchell Dam and Reservoir

RESERVOIR DESIGN
FLOOD ROUTING

Office of the District Engineer
Los Angeles, California
To accompany report dtd: Aug. 1960