

RESERVOIR RELEASES

1. Local Runoff into Lake Skinner will be released downstream at a rate no higher than the 24-hour average rate of accumulation of the Local Runoff, unless higher flows are requested by appropriate authorities as indicated in attached Procedure 2. Procedure 2 and the attached Monthly Record Sheet provide details regarding Reservoir Releases. Such Releases will begin approximately four hours after the preceding 24-hour accumulation period.

2. It should be noted that if the Local Runoff rate exceeds Discharge Capacity, Metropolitan will continue to make Releases at the maximum Discharge Capacity and increase the duration of the Release until volume equivalence is reached. It should also be noted that the spillway at the Dam is ungated. Any Reservoir elevation above the Dam's spillway crest elevation will automatically result in water being spilled until the Reservoir level returns to the spillway crest elevation. Metropolitan will not use elevations in excess of the spillway crest at any time in its calculations. Therefore, any temporary surcharge storage above the spillway crest will not be included in the computation of Reservoir Releases.

3. Metropolitan will observe a maximum Reservoir elevation during the rainy season which will keep 1,000 acre-feet of Storage Space below the Dam's spillway crest evacuated at all times except during flood events. The purpose of this is to preclude any spillway overflow in excess of that which would have naturally passed downstream.

4. It is impossible to identify precisely that portion of the Local Runoff which will enter Reservoir bank storage during the short period of time that Local Runoff is held in Lake Skinner. However, this quantity will be small and will be more than offset by the increase in Local Runoff due to the saturated lands adjacent to the Reservoir.

PROCEDURE 2

Procedure for determining quantity of water and rate of Release from Lake Skinner into Tualota Creek.

Definitions:

Q = External accumulation in acre-feet

P = Precipitation on the lake surface in acre-feet

A = Actual Local Runoff into Lake Skinner that is to be released downstream in acre-feet

Calculation:

$$A = Q - P$$

Notes:

- (1) Release of runoff will begin at 1100 hours after readings and calculations are made relative to the period ending at 0700 hours.
- (2) The rate of release will begin at 5 cfs or less and be incremented in 5 cfs or less steps until the rate (from Procedure 1) is attained and then will be continued constant until the volume A has been released.
- (3) The rate of Release possible is shown on Graph 1. Metropolitan will release incidentally stored water at rates greater than rate R upon request from responsible authorities, within reasonable limits that will neither impair Metropolitan's use of the Project nor expose it to public liability.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
LAKE SKINNER-TUCALOTA CREEK WATER RIGHTS
MONTHLY RECORD SHEET

(month)	INFLOW (af)	OUTFLOW (af)	RELEASE (af)	EVAPORATION (af)	STORAGE CHANGE (af)	EXTERNAL WATER (af)	RATE OF ACCUMULATION (cfe)	PRECIPITATION (af)	RUNOFF (af)	LMIN WELL DEPTH AV-28 (ft)	LAKE STORAGE (af)	
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30												
31												
TOTAL												
NOTES	Q=S+O+D+E-I R=O.50*Q A=Q-P											
	Attachment E											