



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

JUN 14 1994

9-12

*Loren E. Wolf*  
EXECUTIVE SECRETARY

June 10, 1994

To: Board of Directors (Water Problems Committee--Information)  
From: General Manager  
Subject: Water Supply Update

Report

This water supply update reflects conditions as of June 9, 1994. Attached is Water Supply Update No. 8, which graphically summarizes and supplements the information below. This will be the last update for this water year.

Colorado River Supplies

Metropolitan received approval from the Bureau of Reclamation to divert Colorado River water (CRW) as needed at full aqueduct capacity in calendar year (CY) 1994. As such, Metropolitan is planning to divert at least 1.25 million acre-feet of CRW during CY 1994. In the event that consumptive use in the lower basin states exceeds 7.5 million acre-feet, compensation for overuse may be required by the end of 1999 depending on several conditions. For the month of May 1994, Metropolitan diverted 110,000 acre-feet of CRW.

State Water Project Supplies

Under the current 50-percent State Water Project (SWP) allocation, 1,036,350 acre-feet of State project water was made available for delivery to Metropolitan in CY 1994. This includes 30,600 acre-feet of Desert Water Agency and Coachella Valley Water District exchange water. After careful analysis of projected supply requirements, Metropolitan in a letter to the Department of Water Resources (DWR) dated April 15, 1994, turned back 50,000 acre-feet of this allocation. An additional 50,000 acre-feet was turned back on May 10, 1994, bringing the total 1994 "turn-back" to 100,000 acre-feet. Metropolitan does not anticipate any additional "turn-back" this year. For the month of May 1994, Metropolitan took delivery of approximately 92,000 acre-feet of State project water.

As of June 9, 1994, the storage in Lake Oroville was 2,492,000 acre-feet. Total storage in San Luis Reservoir was 1,447,000 acre-feet, with the State portion at 687,000 acre-feet.

#### Balance

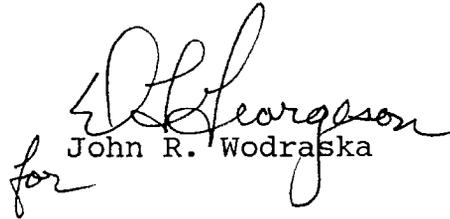
The attached table summarizes the current water supply balance for CY 1994. The demands are based on adjusted member agency estimates. Based upon this level of demands, there is a potential for a 53,000 acre-foot balance in supplies estimated in 1994.

#### Board Committee Assignments

This letter is an information item to the Water Problems Committee because of its authority with regard to policies, sources, and means of importing water required by the District; and policies regarding water conservation, reclamation, reuse, and underground storage of water and the use thereof, pursuant to Administrative Code, Section 2481 (a) and (i).

#### Recommendation

For information only.

  
for John R. Wodraska

GBL:eim  
(S:\MP\SHARED\BOARD\WSUJUN94)

Attachments

**CY 1994 WATER SUPPLY AND BALANCE**CY 1994 Supply

Colorado River Aqueduct	1,250,000 AF
State Water Project	936,000 AF
System Losses	-36,000 AF
Total Supply	2,150,000 AF

CY 1994 Demand

Projected Sales (1) (2)	2,006,000 AF
Cooperative Storage (3)	91,000 AF
Total Projected Deliveries	2,097,000 AF
<u>Balance</u>	53,000 AF

## Notes:

- (1) -- Stage I of IICP effective January 1 to December 31, 1994 and assumes 10-percent conservation.
- (2) -- Projections based on adjusted member agency estimates.
- (3) -- Deliveries into storage not recorded as sales.

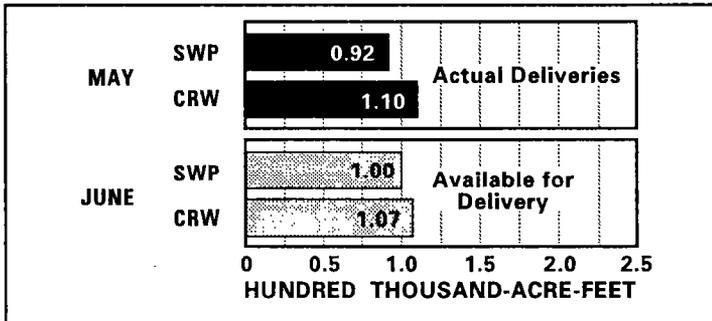
# WATER SUPPLY UPDATE

PUBLISHED MONTHLY BY THE OPERATIONS DIVISION

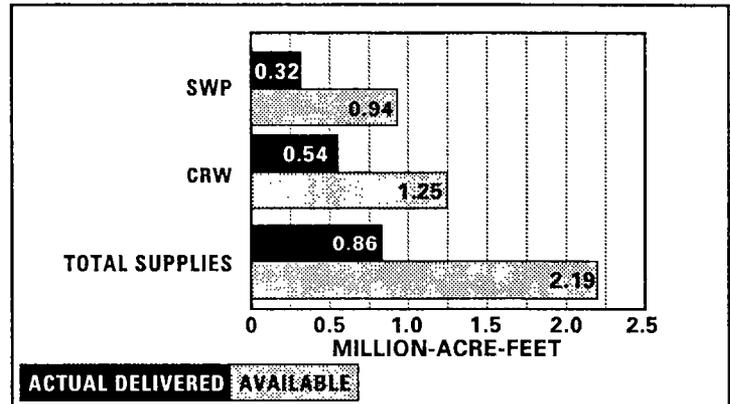
## SUMMARY

To date, Metropolitan has turned back 100,000 acre-feet of water to the State. Thus, Metropolitan's total water supply for 1994 is approximately 2.19 MAF. This is comprised of 1.25 MAF of Colorado River water and 0.94 MAF of State Project water. Demands are anticipated to be as high as 2.10 MAF and as low as 1.80 MAF. The current track for demands is 2.04 MAF. This includes projected deliveries under the Cooperative Storage Program (CSP), which amounts to approximately 91,000 acre-feet. Deliveries under CSP for the month of May were about 22,000 acre-feet. Total sales for May were approximately 166,000 acre-feet. This will be the last update for this water year.

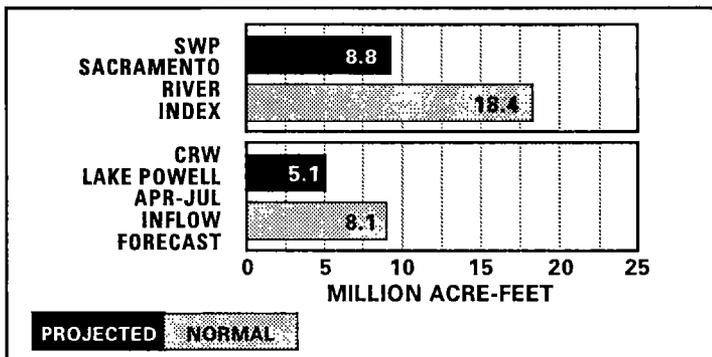
### CALENDAR YEAR 1994 MWD DIVERSIONS



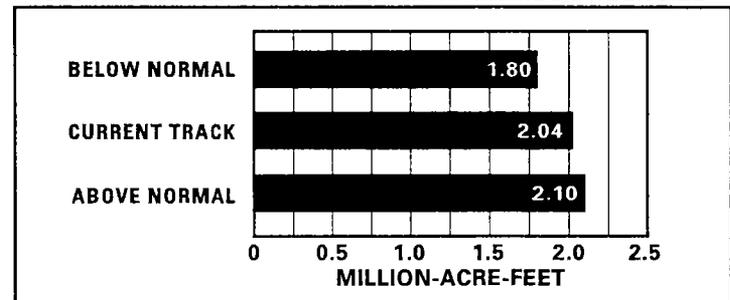
### CALENDAR YEAR 1994 SUPPLIES



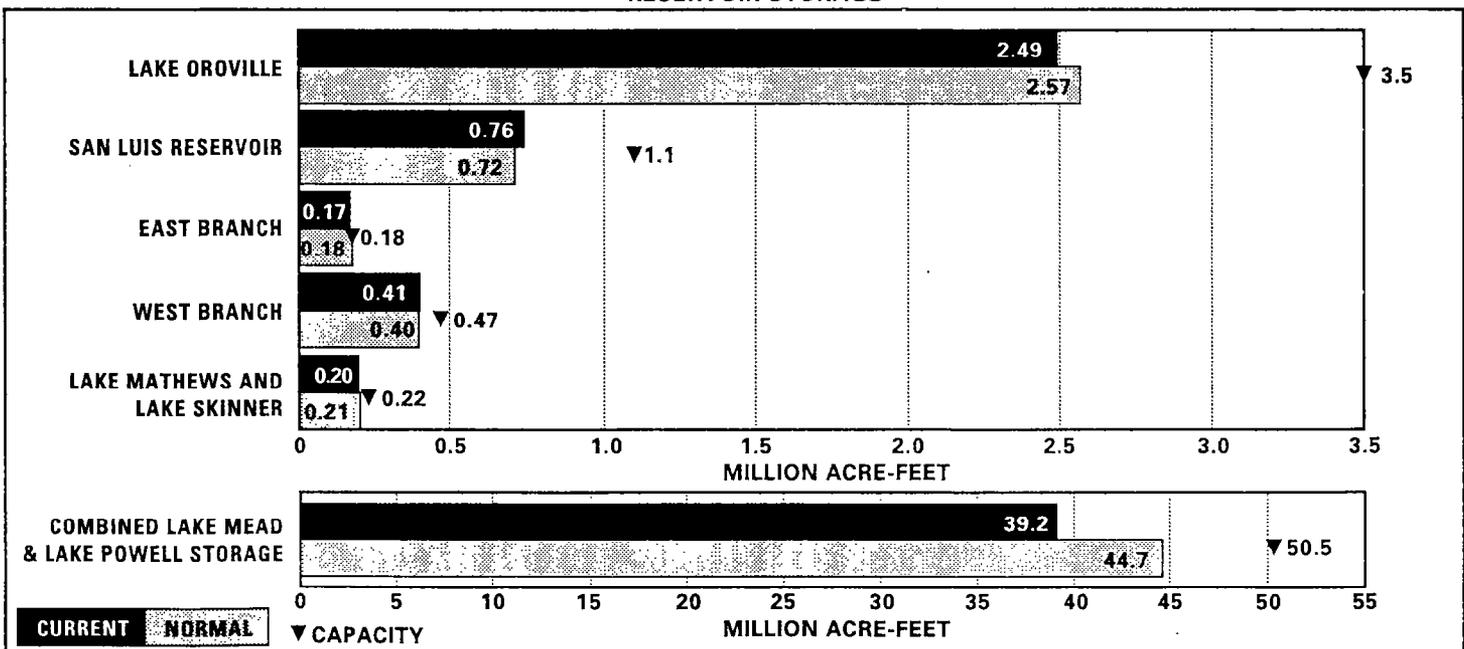
### WATERSHED RUNOFF CONDITIONS



### 1994 PROJECTED DEMANDS BY MWD MEMBER AGENCIES



### RESERVOIR STORAGE



SWP: State Water Project, CRW: Colorado River Water