

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

October 9, 1992

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

Report

This water supply update reflects conditions as of October 9, 1992. Attached is Water Supply Update No. 6 which summarizes and supplements the information below.

Colorado River Supplies

Metropolitan has received approval from the Bureau of Reclamation to divert Colorado River water (CRW) at full aqueduct capacity in calendar year (CY) 1992. It is projected that about 1,200,000 acre-feet of CRW will be diverted. For the month of September, it is estimated that 105,000 acre-feet were diverted. On October 2, 1992, the Secretary of the Interior transmitted the 1993 annual operating plan for the Colorado River system reservoirs to the Governors of the Colorado River Basin states. It is our understanding that the plan provides for all reasonable beneficial consumptive needs for Colorado River water to be satisfied in CY 1993. The Bureau of Reclamation has asked to meet with Metropolitan to discuss our diversion requirement of 1,300,900 acre-feet. Should use in the states of Arizona, California, and Nevada exceed 7.5 million acre-feet in 1993, compensation for overuse would be required by the end of 1996. The need for compensation would be eliminated in the event that reservoir releases in excess of beneficial consumptive use in the United States occur.

State Water Project Supplies

Metropolitan's allocation of State project water for CY 1992 remains at 45 percent of our request, or 845,000 acre-feet. This amount includes delivery to Metropolitan of Desert Water Agency and Coachella Valley Water District entitlements. In addition, the Department of Water Resources has delivered 81,000 acre-feet of 1991 carryover water. This brings our total approved supply of State project water for CY 1992 to 926,000 acre-feet. Metropolitan has also exercised its option to purchase about 10,000 acre-feet of 1992 Bank water.

For CY 1993, Metropolitan has requested 2,074,000 acre-feet of water from the State Water Project. This amount is based on our annual contractual entitlement and includes entitlements of Desert Water Agency and Coachella Valley Water District.

#### 1992 Water Supply Balance

The attached table summarizes the current water supply balance for CY 1992. The projected demands are based on adjusted information received from our member agencies. It is also assumed that Stage I of the Incremental Interruption and Conservation Plan will remain in effect for the balance of CY 1992.

Based on 1992 supplies and projected demands, sufficient supplies exist to meet estimated use by the member agencies for the remainder of 1992. In addition, it is estimated that about 135,000 acre-feet of water will be available as carryover for use in 1993. The final supply deficit or surplus for the calendar year will depend on actual member-agency demands, as well as on deliveries to storage accounts and deliveries of water from the 1992 Water Bank.

#### 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 Carl Boronka

KEN/sjm

Attachment

## CY 1992 WATER SUPPLY AND BALANCE

### CY 1992 Supply

Colorado River Aqueduct	1,200,000 AF
State Water Project (1)	926,000 AF
State Bank Water	10,000 AF
Net Storage Change (2)	80,000 AF
System Losses	-51,000 AF
Local Projects Program	<u>12,000 AF</u>

Total Supply 2,177,000 AF

### CY 1992 Demand

Projected Use (3) (4) (5)	2,042,000 AF
Projected 1993 Carryover	135,000 AF

### Notes:

- (1) -- Includes 81,000 acre-feet of 1991 carryover water and DWCV entitlements.
- (2) -- Includes cyclic and reservoir storage changes.
- (3) -- Stage V effective January 1 to February 29, 1992.  
-- Stage III effective March 1 to 31, 1992.  
-- Stage I effective April 1 to December 31, 1992 and assumes 10 percent conservation.
- (4) -- Includes Discretionary Pool Deliveries and purchases from cyclic storage.
- (5) -- Projections based on estimates obtained from the member agencies, and actual sales through September.



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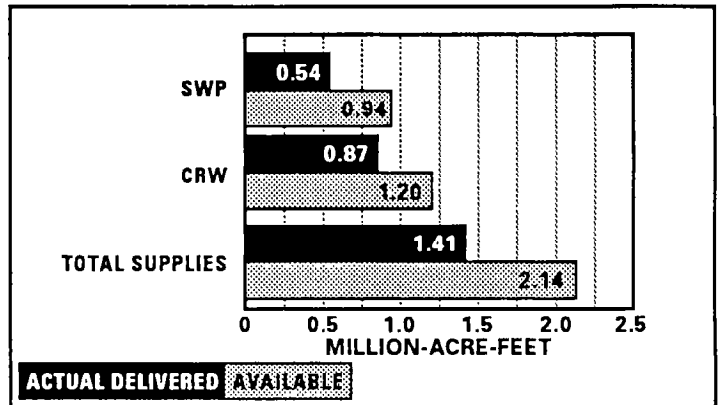
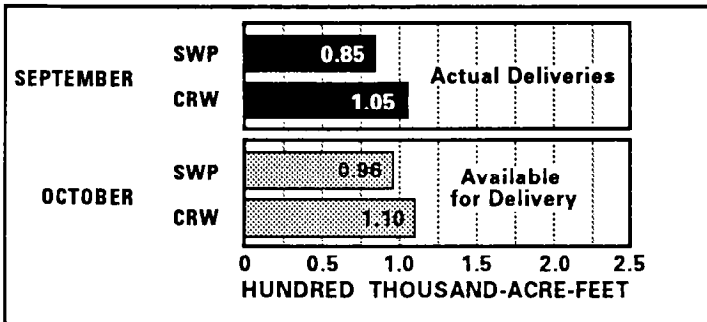
# WATER SUPPLY UPDATE

PUBLISHED MONTHLY BY THE OPERATIONS DIVISION

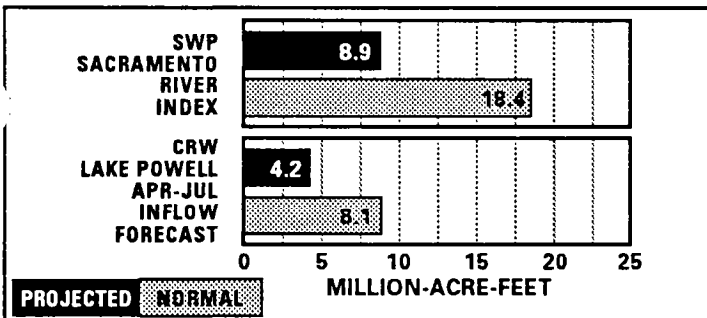
## SUMMARY

September Sales amounted to approximately 171,000 AF, which were 20,000 AF greater than last year's sales. Seasonal Storage Service (SSS) became available October 1, 1992, and demands are anticipated to increase accordingly. Metropolitan has adequate supplies to meet all SSS requests through the remainder of 1992. We remain at Stage I of IICP, which calls for 10% voluntary conservation.

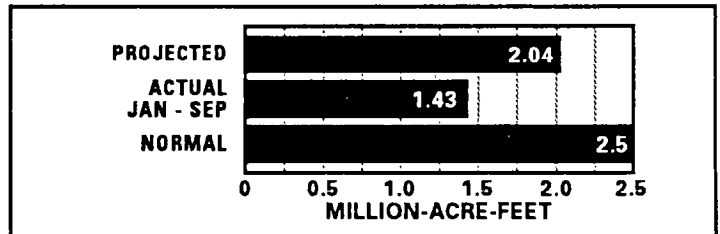
## CALENDAR YEAR 1992 SUPPLIES



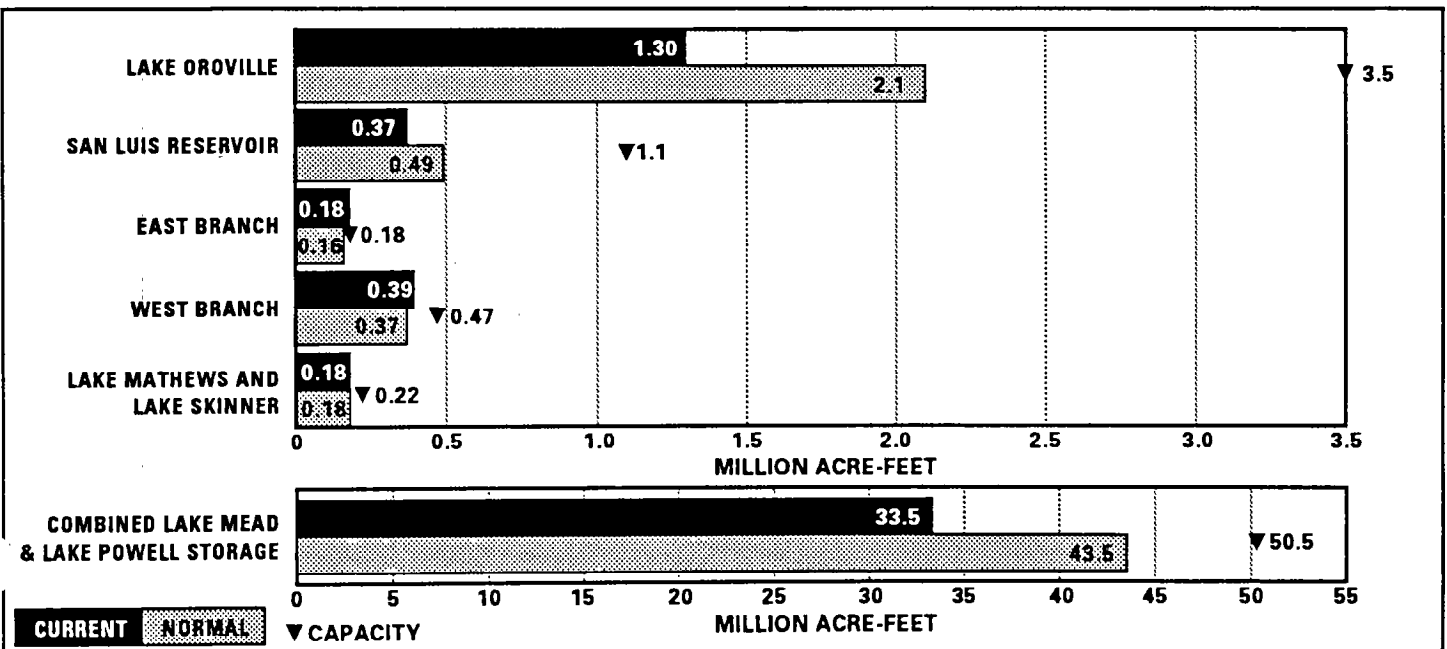
## WATERSHED RUNOFF CONDITIONS



## CALENDAR YEAR 1992 DEMANDS



## RESERVOIR STORAGE



SWP: State Water Project, CRW: Colorado River Water

