

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

November 4, 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 November 4, 1992. Attached is Water Supply Update No. 7, 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 October, it is estimated that 112,000 acre-feet were diverted. The Commissioner of Reclamation has announced that Colorado River reservoir conditions and anticipated unused apportioned water will allow Metropolitan to receive a full aqueduct supply of 1,300,000 acre-feet during CY 1993. Should use of Colorado River water 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 will be eliminated if (1) a surplus is declared or (2) a flood control release is required.

#### 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 2,073,000 acre-feet of deliveries from the State Water Project. This amount is based on our annual contractual entitlement, plus the 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 190,000 acre-feet will be available as carryover for use in 1993. This is comprised of unused 1992 entitlement water, plus 10,000 acre-feet from the 1992 Water Bank. The carryover has increased from the previous estimate of 135,000 acre-feet. This increase is primarily due to the recent rains in our service area and a resulting decrease in demands during October, as well as operational changes by several of our larger member agencies. The estimate also takes into account demand trends actually observed over the last several weeks. The final amount eligible for carryover into CY 1993 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.

  
Carl Boronkay

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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)	84,000 AF
System Losses	-53,000 AF
Local Projects Program	<u>15,000 AF</u>

Total Supply	2,182,000 AF
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### CY 1992 Demand

Projected Use (3) (4) (5)	1,992,000 AF
Projected 1993 Carryover	190,000 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 October.



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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

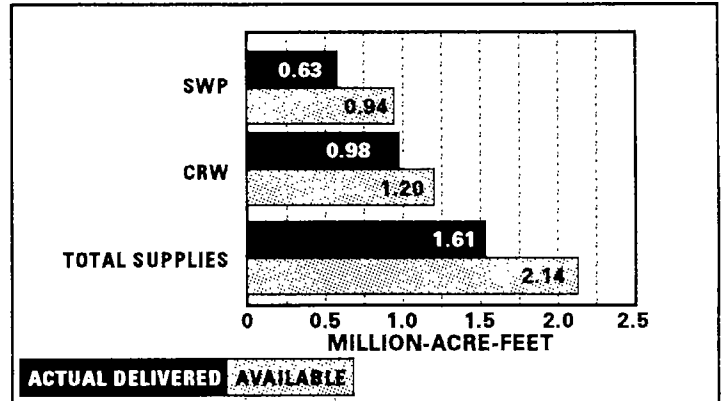
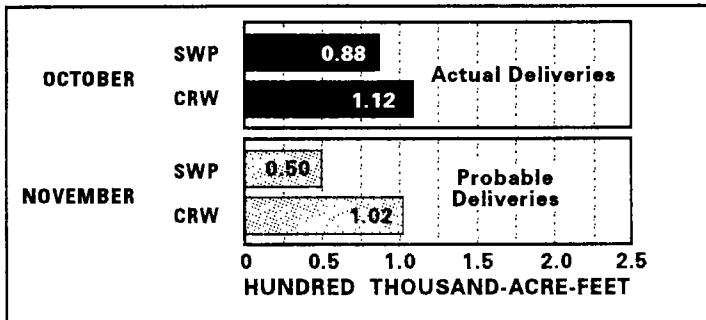
# WATER SUPPLY UPDATE

PUBLISHED MONTHLY BY THE OPERATIONS DIVISION

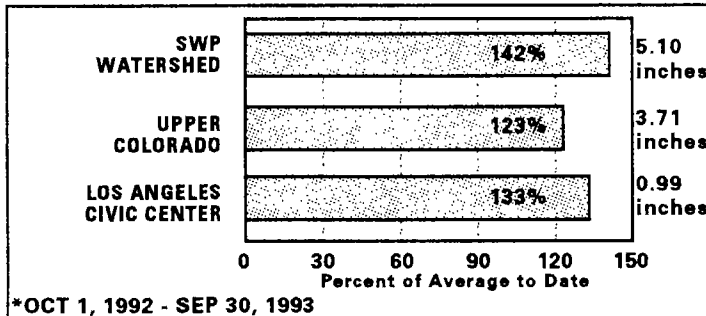
## SUMMARY

October Sales amounted to approximately 205,000 AF, which were 7,000 AF less than last year's October sales. Metropolitan has received approval from the Bureau of Reclamation to divert 1.3 MAF from the Colorado River during calendar year (CY) 1993. Our preliminary allocation of State Water Project supplies for CY 1993 is expected to be announced by mid-December. We remain at Stage I of the IICP, which calls for 10% voluntary conservation.

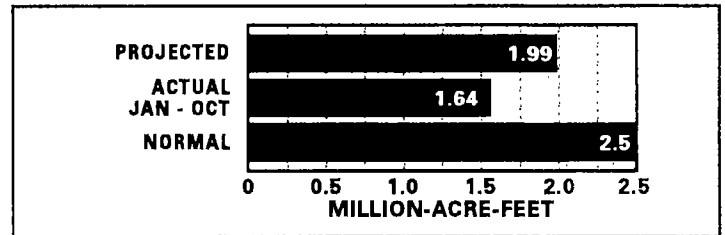
### CALENDAR YEAR 1992 SUPPLIES



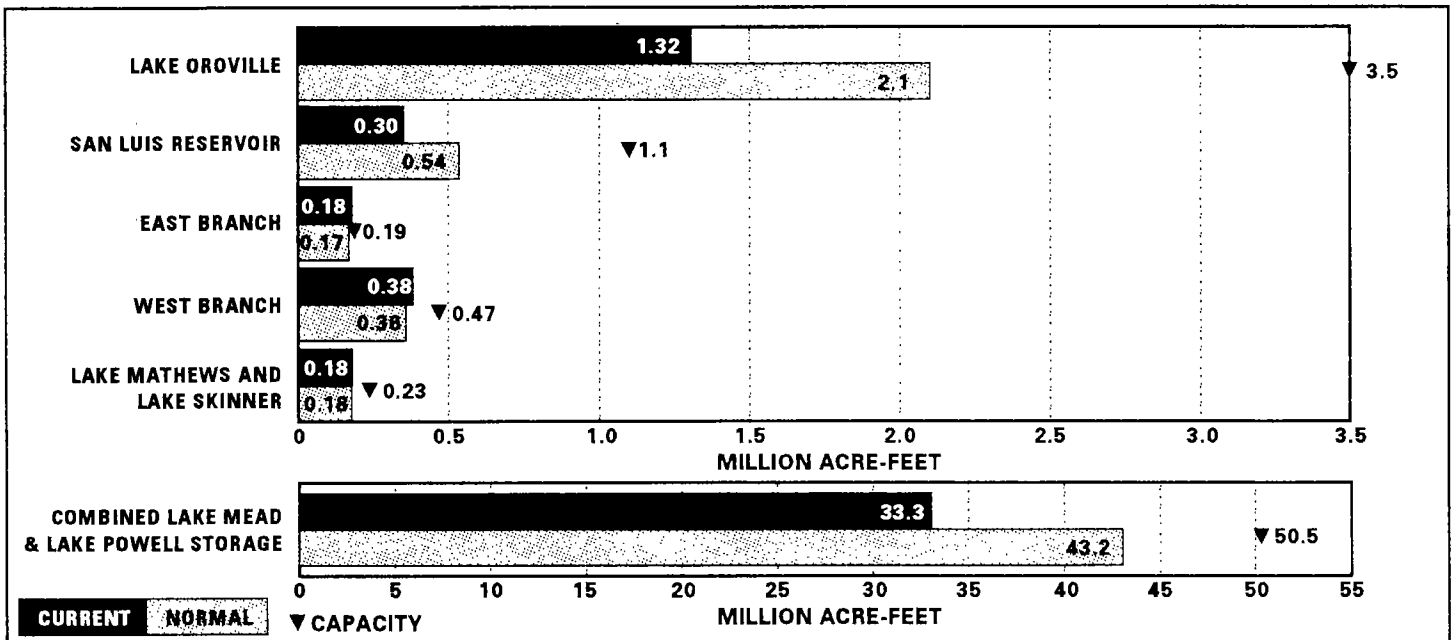
### PRECIPITATION LEVELS (WATER YEAR 1993\*)



### CALENDAR YEAR 1992 DEMANDS



### RESERVOIR STORAGE



SWP: State Water Project, CRW: Colorado River Water

