

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

December 16, 1991

To: Board of Directors (Water Problems Committee--Information)

From: General Manager

Subject: Water Supply Update

Report

This water supply update reflects conditions as of December 14, 1991.

Colorado River Supplies

Metropolitan continues to maximize the use of Colorado River water (CRW). Based on actual deliveries through November 1991, we estimate that 1,253,000 acre-feet of CRW would be diverted by Metropolitan in calendar year 1991. During the first 11 months of 1991, Metropolitan diverted about 1,148,000 acre-feet of CRW.

1991 California Drought Emergency Water Bank Supplies

Metropolitan purchased 215,000 acre-feet of water from the Governor's 1991 California Drought Emergency Water Bank (Bank) to meet the critical needs of our member agencies. All of this Bank water has been delivered to Metropolitan for use in our service area.

State Water Project Supplies

In addition to the 215,000 acre-feet of Bank water, Metropolitan's total approved 1991 allocation of State project water (SPW), including delivery of 10,377 acre-feet of 1990 carryover water and entitlements of Desert Water Agency and Coachella Valley Water District, remains at 525,000 acre-feet. The District has taken delivery of approximately 346,000 acre-feet of water allocated under the State contract, plus the Bank water, during the first 11 months of 1991. This leaves 179,000 acre-feet available for the remainder of the year.

Critical Needs Water Requests

As previously reported, five member agencies contracted with Metropolitan for 27,353 acre-feet of water from Metropolitan's Critical Needs Water Bank. Approximately

23,500 acre-feet had been delivered to the agencies as of the end of November. It is anticipated that all of this water will be delivered by December 31, 1991.

1991 Water Supply Balance

Table 1 summarizes the current water supply balance for calendar year 1991. The projected demands represent Stage V target allocations under the Incremental Interruption and Conservation Plan (IICP), including a four-percent adjustment factor. It is estimated that approximately 130,000 acre-feet of groundwater replenishment and other discretionary pool deliveries under Seasonal Storage Service will be made during the October through December period. These deliveries will count toward the agencies' IICP allocation in 1992, should drought conditions continue next year.

In October, Metropolitan advised the Department of Water Resources (DWR) by letter that at least 60,000 acre-feet of SPW would be carried over for delivery in calendar year 1992. The current projected balance indicates that an additional 50,000 acre-feet of SPW can be carried over to next year due to unanticipated limitations on the delivery of groundwater to our member agencies. While DWR must approve carryover requests, Metropolitan's request to deliver 110,000 acre-feet of 1991 allocation in 1992 is within their guidelines.

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

TABLE 1
1991 Water Supply Balance

1991 Supply

Colorado River Aqueduct	1,253,000 AF
State Water Project	525,000 AF
Drought Emergency Water Bank	<u>215,000 AF</u>
Total	1,993,000 AF

1991 Demand

IICP Allocation	1,781,000 AF
Distribution System Losses	30,000 AF
Member Agency Requests From Critical Needs Water Bank	27,000 AF
*1992 Storage Water	45,000 AF
	<u>1,883,000 AF</u>
Total	1,907,000 AF

Projected Carryover on the State Water Project	110,000 AF
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*Includes approximately 20,000 AF of predelivered reservoir storage water during the months of August and September 1991, and 25,000 AF of projected cyclic storage deliveries.