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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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of the Board of Directors of
The Metropolitan Water District
of Southern California
at its meeting held APR 14 1992

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Baron E. Duff
Executive Secretary

April 3, 1992

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

Report

This water supply update reflects conditions as of April 2, 1992.

Colorado River Supplies

Metropolitan has received approval from the Bureau of Reclamation to divert Colorado River water (CRW) at full aqueduct capacity in 1992. It is projected that about 1,220,000 acre-feet of CRW will be diverted during the calendar year (CY). This amount is lower than earlier projections due to reduced flows during February and March for discharge valve repair and a shutdown of the Colorado River Aqueduct scheduled for the end of April. For the months of February and March, approximately 80,000 acre-feet and 78,000 acre-feet of water was diverted, respectively.

State Water Project Supplies

As a result of rainfall in the State project watershed during the months of February and March, the Department of Water Resources (DWR) has increased the approved 1992 State project contractor's delivery amounts to 45 percent of requests. For Metropolitan, this amounts to 845,000 acre-feet, including entitlements of Desert Water Agency and Coachella Valley Water District. In addition, we have requested the carryover of 116,000 acre-feet of 1991 carryover water. This brings our total State project allocation to 961,000 acre-feet of deliveries for CY 1992. To date, DWR has approved only 60,000 acre-feet of the carryover request and staff is awaiting clarification on this issue.

Precipitation during March was about 75 percent of average. This resulted in a seasonal precipitation level of just over 70 percent for the State project watershed. Snowpack conditions in the Northern Sierra have declined to about 65 percent of average as of April 2, 1992. The March 17, 1992 median runoff forecast for the Sacramento River Index (SRI)

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was 10.2 million acre-feet. It is anticipated that due to the deteriorating snowpack and precipitation levels, the April 1 median SRI forecast will decline substantially to 9.5 million acre-feet or lower. While no increase in State project delivery approvals is expected in the near future, your Board will be updated of any changes in water supply allocations for the State Water Project as soon as we are notified by DWR.

1992 Water Supply Balance

Table 1 summarizes the current water supply balance for CY 1992. The projected demands reflect the action taken at the special meeting of your Board on March 27, 1992, reducing the stage of the Incremental Interruption and Conservation Plan from Stage III to Stage I effective April 1, 1992. The demand projection and the anticipated firm supply allocation of State project water and CRW in 1992 indicates a supply deficit of 7,000 acre-feet. It is anticipated that this relatively minor deficit will be mitigated via the normal operation of Metropolitan's reservoirs during the summer.

The actual amount of any 1992 surplus or deficit will depend on member-agency demands during the year as well as final amounts of SPW allocated in 1992. Metropolitan has finalized an option for 10,000 acre-feet of water from a 1992 Water Bank. This supply would be available for use in 1992 should we elect to exercise the option later this year or, alternatively, may be carried-over until 1995 if desired.

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 Boronkay

AIB:eim

Attachment

TABLE 1
1992 Water Supply and Balance

1992 Supply

Colorado River Aqueduct	1,220,000 AF
State Water Project (1)	<u>961,000 AF</u>
Total	2,181,000 AF

1992 Demand

IICP Target (2) (3)	2,133,000 AF
Cyclic/Other Storage	25,000 AF
Distribution System Losses	<u>30,000 AF</u>
Total	2,188,000 AF

1992 Projected Supply Deficit (7,000 AF)

Notes:

- (1) -- Includes 116,000 acre-feet of 1991 carryover water and DWCV
- (2) -- 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
- (3) -- Includes Discretionary Pool Deliveries