



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

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November 15, 1994

Dear Water Users:

RE: Water Supply Update
-Interim Utah Lake Distribution Plan

Enclosed is the October '94 Utah Lake Water Supply Update of the Utah Lake Drainage Basin. The quantities reported represent the conditions at the end of the '93-'94 Distribution Year. All system storage stored in upstream reservoirs during the past year was converted to priority storage.

The Water Supply Update is based on the storage and diversion data reported by the River Commissioners. The reported data is subject to corrections by the Commissioners.

Weekly total dissolved solids (TDS) data is provided by the Salt Lake County Water Conservancy District. Water samples collected for TDS analysis are taken from the river at the Jordan Narrows. A slight decrease in water quality (increase in TDS) at this location is observed during October. This is interesting because the Utah Lake pumps were reportedly turned off at the beginning of the month.

October 5th was the last day that Utah Lake releases occurred. After October 5th, the Jordan River flows will not be counted as being released from Utah Lake until the irrigation season begins and water is again diverted for use.

If you have any questions regarding the enclosed data, please feel free to contact this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert L. Morgan".

Robert L. Morgan, P.E.
State Engineer

RLM:BA:bd

Enclosure



WATER SUPPLY UPDATE

INTERIM WATER DISTRIBUTION PLAN

UTAH LAKE DRAINAGE BASIN

OCTOBER 1994

* Values are in acre-feet. Data is for the period November 1, 1993 to the end of report month, unless otherwise denoted *

DEER CREEK RESERVOIR

Priority Storage from Previous Year (including inactive storage)	104,651
Duchesne Tunnel	21,898
Weber-Provo Canal	30,069
A12141 & A12144	0
a1902 & a1903	3,099
Converted System Storage	56,051
Deer Creek Reservoir Water Usage	-137,256
Evaporation	<u>-7,287</u>
Total Priority Storage	71,224
System Storage	0
Total Storage	71,224

JORDANELLE RESERVOIR

Priority Storage from Previous Year (including inactive storage)	47,615
E398	0
Converted System Storage	45,350
Jordanelle Reservoir Water Usage	-3,644
Evaporation	<u>-3,460</u>
Total Priority Storage	85,861
System Storage	0
Total Storage	85,861

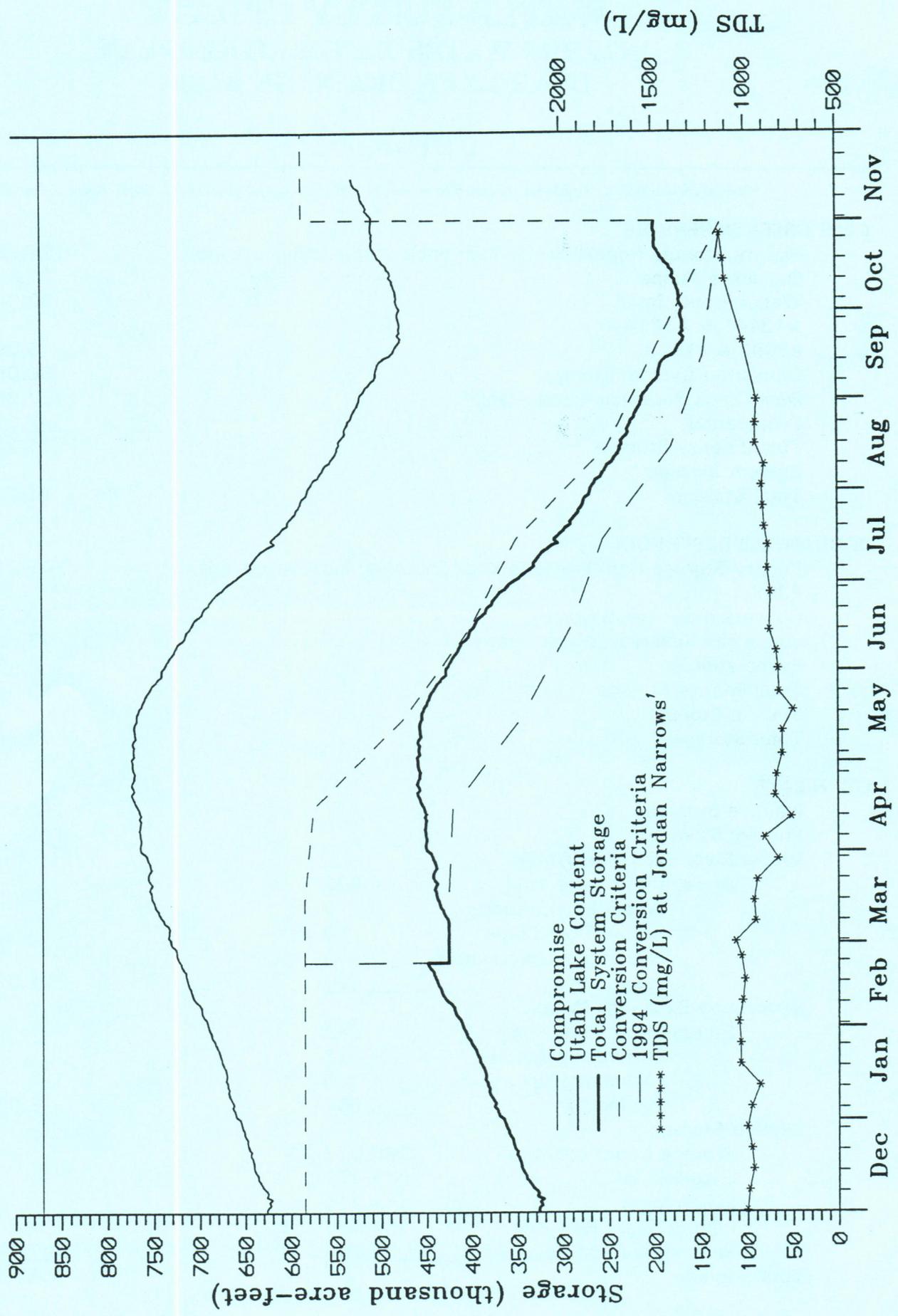
UTAH LAKE

Inactive Storage	160,000
Primary Storage	125,000
Weber River Exchange Water:	
Storage from Prior Year	24,923
Weber River Imports	0
Return Flow Credit	0
Exchanged Upstream	-0
Evaporation	<u>-3,830</u>
	21,093
Strawberry Exchange Water:	
Storage from Prior Year	242
Strawberry Imports	4,323
Exchanged Upstream	-0
Evaporation	<u>-664</u>
	3,901
System Storage:	
Storage from Prior Year	280,002
Lake Inflow	545,971
Evaporation	-441,714
Primary Right Releases	-154,165
Secondary Right Releases	<u>-32,906</u>
	<u>197,188</u>
Total Storage	507,182

TOTAL SYSTEM STORAGE

197,188

UTAH LAKE STATUS REPORT OCTOBER 1994



1 Weekly TDS data provided by the Salt Lake County Water Conservancy District