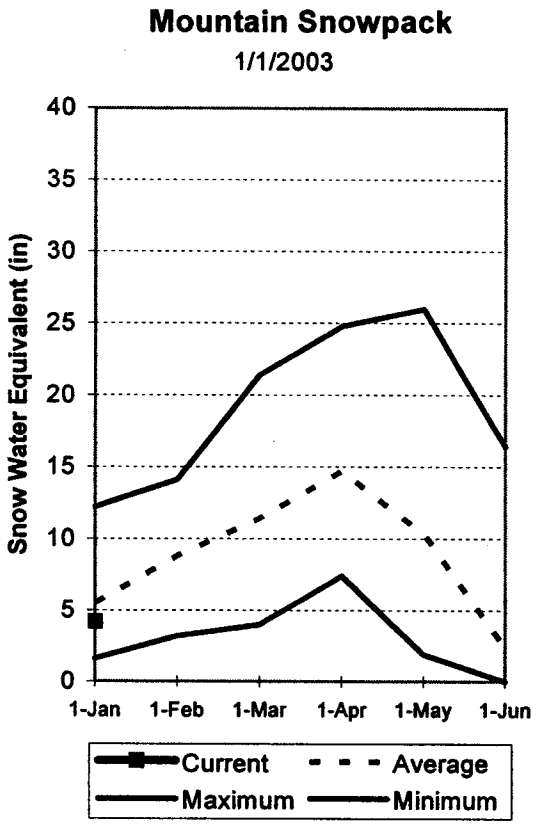
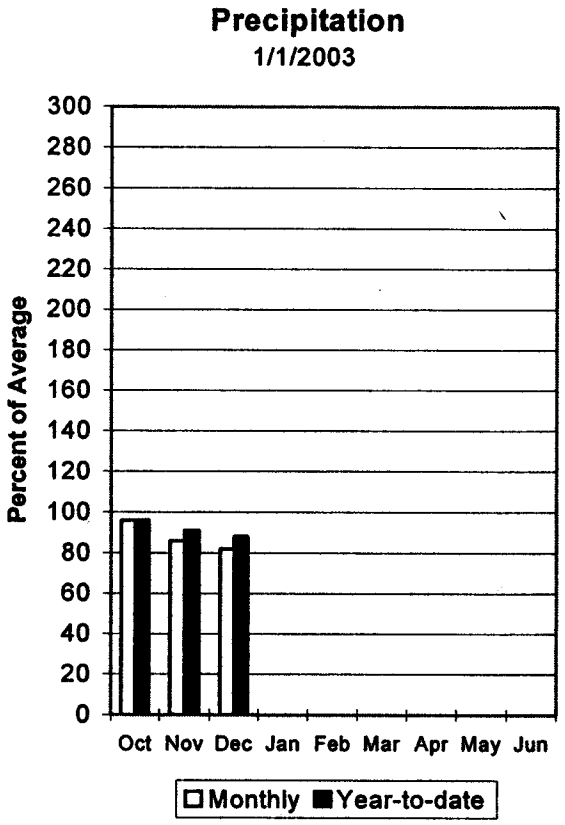
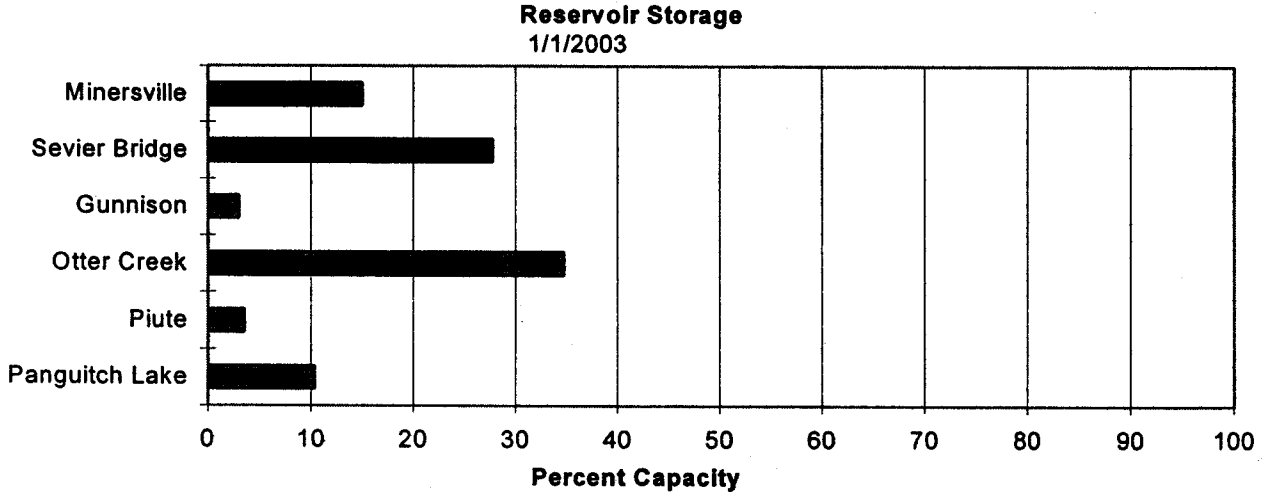
Sevier and Beaver River Basins
Jan 1, 2003

Snowpacks on the Sevier River Basin are below normal at 76% of average, about 87% of last year. Individual sites range from 40% to 116% of average. This could be the fifth consecutive below normal April 1 snowpack year for the Sevier. Soil moisture is somewhat improved over last year and may yield a higher runoff efficiency. Precipitation during December was below average at 82% of normal, bringing the seasonal accumulation (Oct-Dec) to 88% of average. Reservoir storage is at 22% of capacity, down 21% from last year. Water supply conditions and streamflow forecasts are below normal due to low snowpack and low reservoir storage.







SEVIER & BEAVER RIVER BASINS
Streamflow Forecasts - April 1, 2002

Forecast Point	Forecast Period	<<= Drier = Future Conditions = Wetter =>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SEVIER R at Hatch	APR-JUL	3.8	15.6	22	40	28	40	55
SEVIER R nr Kingston	APR-JUL	5.3	27	33	37	39	61	89
E F SEVIER R nr Kingston	APR-JUL	2.3	4.2	12.0	32	19.8	32	38
SEVIER R blw Piute Dam	APR-JUL	6.0	29	50	40	71	103	126
CLEAR CK nr Sevier	APR-JUL	1.1	7.6	11.0	50	14.4	21	22
SALINA CK at Salina	APR-JUL			Much Below Average				19.7
SEVIER R nr Gunnison	APR-JUL	42	46	120	43	194	350	280
CHICKEN CK nr Levan	APR-JUL	0.67	0.85	1.00	21	1.18	1.50	4.80
OAK CK nr Oak City (Acre Feet)	APR-JUL	342	434	510	28	600	761	1810
BEAVER R nr Beaver	APR-JUL	6.9	8.1	9.0	35	10.0	11.8	26
MINERSVILLE RESERVOIR Inflow	APR-JUL	4.1	4.6	5.0	30	5.4	6.1	16.7

SEVIER & BEAVER RIVER BASINS
Reservoir Storage (1000 AF) - End of March

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GUNNISON	20.3	6.3	13.3	16.3
MINERSVILLE (RkyFd)	23.3	10.0	11.2	17.9
OTTER CREEK	52.5	41.8	37.7	43.5
PIUTE	71.8	50.1	68.2	58.5
SEVIER BRIDGE	236.0	134.9	175.7	189.7
PANGUITCH LAKE	22.3	11.9	14.5	---

SEVIER & BEAVER RIVER BASINS
Watershed Snowpack Analysis - April 1, 2002

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER SEVIER RIVER (south	8	34	35
EAST FORK SEVIER RIVER	3	28	35
SOUTH FORK SEVIER RIVER	5	40	35
LOWER SEVIER RIVER (inclu	6	106	65
BEAVER RIVER	2	58	46
SEVIER & BEAVER RIVER BAS	16	60	49

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.