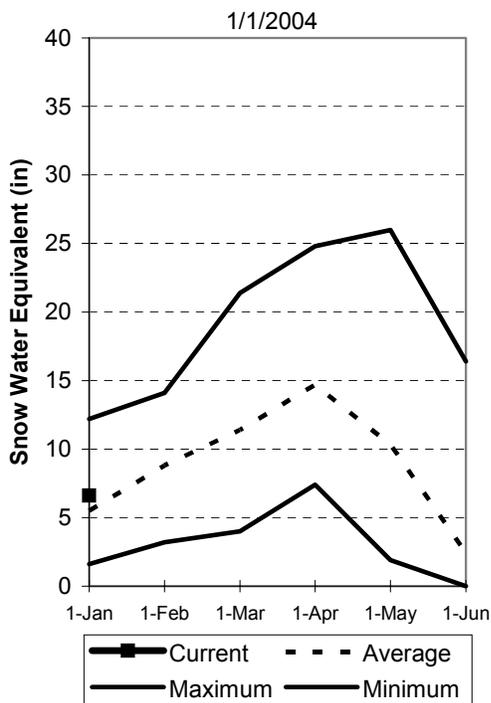


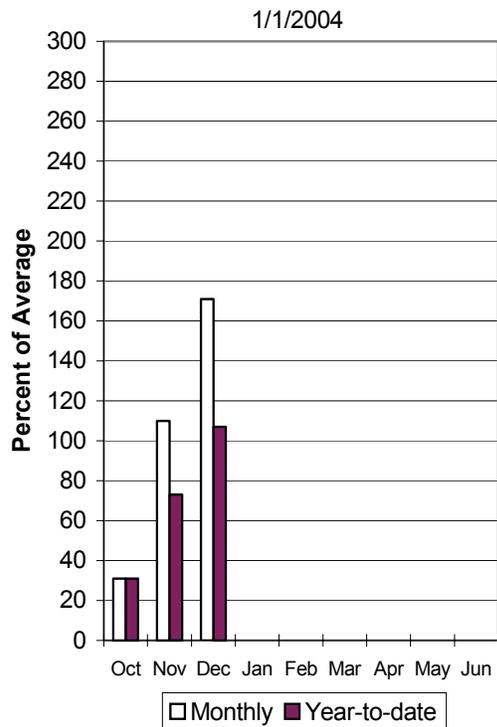
## Sevier and Beaver River Basins Jan 1, 2004

Snowpacks on the Sevier River Basin are above normal at 120% of average, about 157% of last year. Individual sites range from 99% to 189% of average. Precipitation during December was much above average at 171% of normal, bringing the seasonal accumulation (Oct-Dec) to 107% of average. Soil moisture levels in runoff producing areas indicate about 7 inches (Sevier) and 9 inches (Beaver) of deficit in the upper 2 feet of soil. Streamflow forecasts range from 36% to 111% of average. Reservoir storage is at 15% of capacity, 7% less than last year. Surface Water Supply Indexes are: Upper Sevier 39%, Lower Sevier 46% and Beaver 32%. Water supply conditions remain below normal due to low reservoir storage and soil moisture.

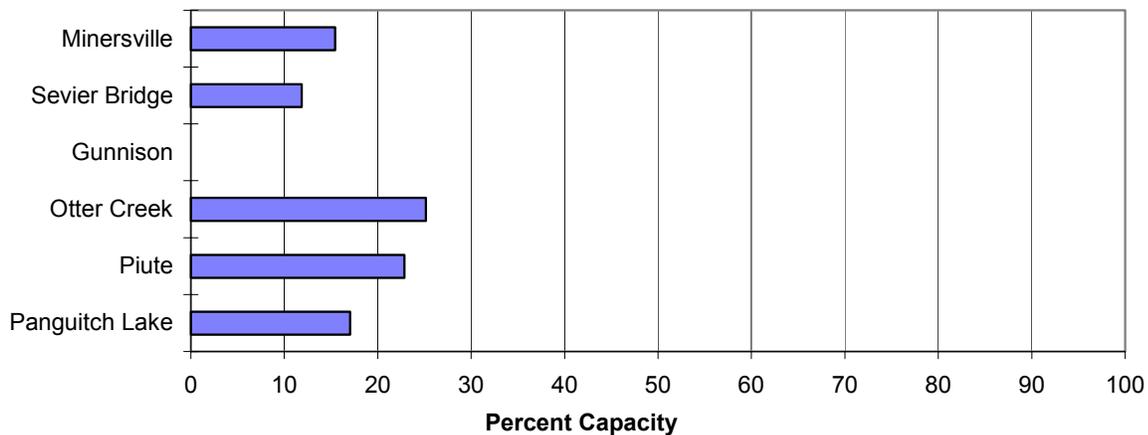
### Sevier River Snowpack



### Sevier River Precipitation



### Reservoir Storage 1/1/2004



SEVIER & BEAVER RIVER BASINS  
Streamflow Forecasts - January 1, 2004

Forecast Pt Forecast Period	<=== Drier === Future Conditions === Wetter ===>						30 Yr Avg (1000AF)
	90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF) (% AVG.)	30% (1000AF)	10% (1000AF)		
Sevier River at Hatch							
APR-JUL	25	47	63	115	80	101	55
Sevier River nr Kingston							
APR-JUL	51	79	99	111	119	148	89
EF Sevier R nr Kingston							
APR-JUL	8.0	24	34	90	45	60	38
Sevier R blw Piute Dam							
APR-JUL	57	95	126	100	157	195	126
Clear Creek nr Sevier							
APR-JUL	9.9	19.0	24	109	29	38	22
Sevier R nr Gunnison							
APR-JUL	62	196	280	100	364	495	280
Chicken Creek nr Levan							
APR-JUL	1.51	3.03	4.50	100	6.38	9.99	4.50
Oak Creek nr Oak City							
APR-JUL	0.94	1.39	1.75	105	2.15	2.82	1.66
Beaver River nr Beaver							
APR-JUL	11.8	16.3	20	74	24	31	27
Minersville Reservoir inflow							
APR-JUL	0.7	3.3	6.0	36	9.6	16.4	16.6

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

The average is computed for the 1971-2000 base period.

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

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

Reservoir	Usable Capacity	***** This Year	Usable Storage Last Year	***** Average
GUNNISON	20.3	0.0	0.6	10.9
MINERSVILLE (RkyFd)	23.3	3.6	3.5	12.7
OTTER CREEK	52.5	13.2	18.2	32.8
PIUTE	71.8	16.4	2.5	42.1
SEVIER BRIDGE	236.0	28.0	65.5	148.9
PANGUITCH LAKE	22.3	3.8	2.3	108.0

Watershed Snowpack Analysis - January 1, 2004

Watershed	Number of Data Sites	This Year as Percent of Last Year	Percent of Average
UPPER SEVIER RIVER (south of	8	172	126
EAST FORK SEVIER RIVER	3	150	117
SOUTH FORK SEVIER RIVER	5	189	131
LOWER SEVIER RIVER (includin	6	150	119
BEAVER RIVER	2	135	107
SEVIER & BEAVER RIVER BASINS	16	157	120

