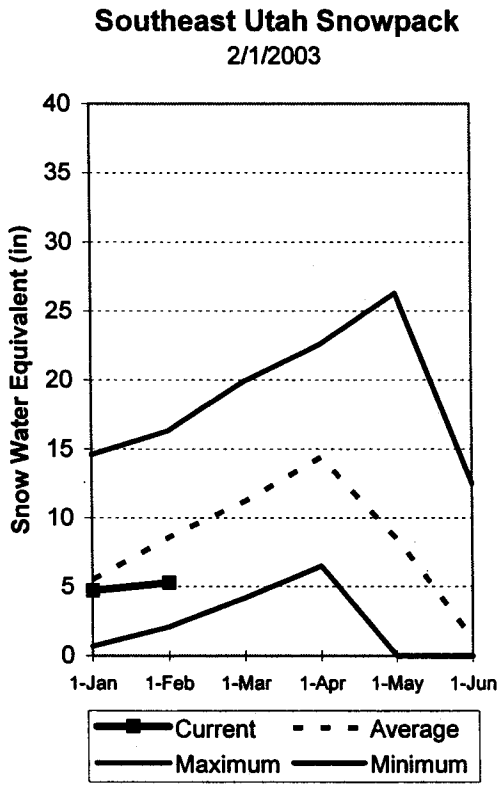
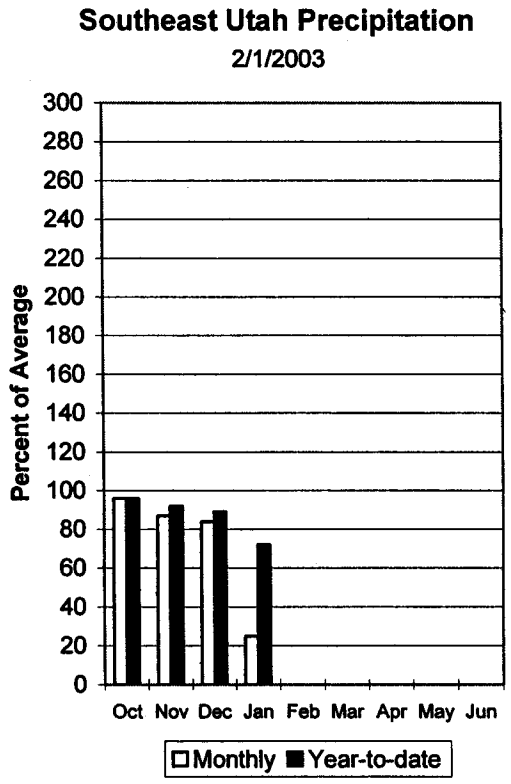
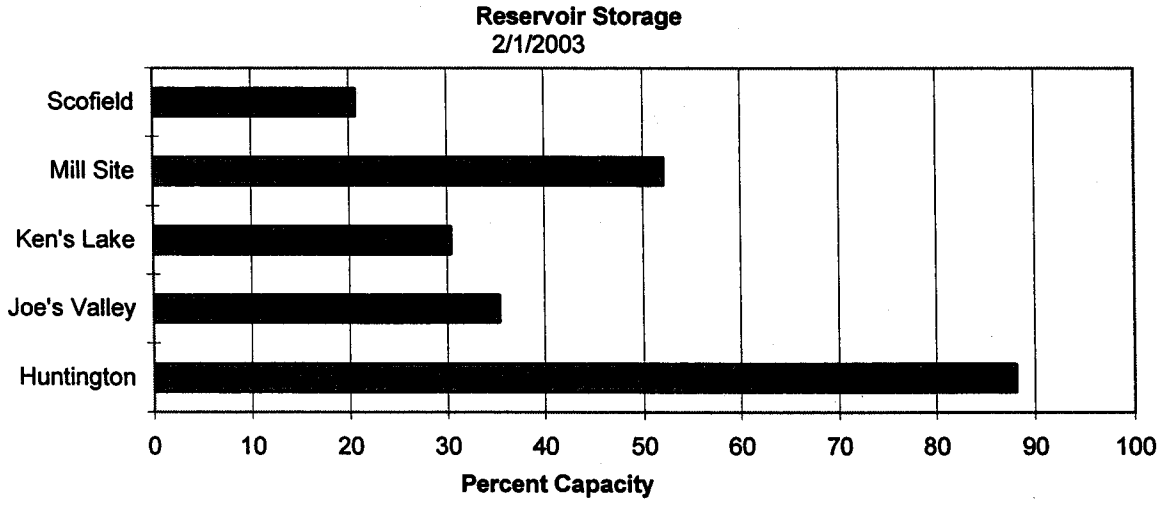
Carbon, Emery, Wayne, Grand and San Juan Co.
Feb 1, 2003

Snowpacks in this region are much below normal at 61% of average, about the same as last year but down 24% relative to last month. Individual sites range from 40% to 78% of average. This could be the fifth consecutive below normal April 1 snowpack for this region with about a 6% chance of getting back to average by April 1. Soil moisture is somewhat improved over last year and may yield a higher runoff efficiency. Precipitation during January was much below average at 25%, bringing the seasonal accumulation (Oct-Jan) to 72% of normal. Reservoir storage is at 32% of capacity. General runoff and water supply conditions are much below normal due to low snowpack and low reservoir storage.







CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Streamflow Forecasts - February 1, 2003

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)
Gooseberry Creek nr Scofield	APR-JUL	2.2	5.3	7.3	61	9.3	12.4	11.9
Scofield Reservoir inflow	APR-JUL	16.1	24	30	65	36	44	46
White River blw Tabbyune Creek	APR-JUL	3.5	6.8	9.6	55	12.9	18.7	17.4
Green River at Green River, UT	APR-JUL	641	1331	1800	57	2269	2959	3170
Electric Lake inflow	APR-JUL	4.4	7.1	9.5	61	12.3	17.5	15.7
HUNTINGTON CK nr Huntington	APR-JUL	12.8	23	30	60	37	47	50
JOE'S VALLEY RESV Inflow	APR-JUL	9.3	24	34	59	44	59	58
Ferron Creek nr Ferron	APR-JUL	14.4	20	25	64	30	39	39
Colorado River nr Cisco	APR-JUL	1438	2427	3100	67	3773	4762	4650
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	1.00	1.72	3.00	60	4.28	6.16	5.00
Seven Mile Creek nr Fish Lake	APR-JUL	0.45	2.19	4.00	57	5.81	8.49	7.00
Muddy Creek nr Emery	APR-JUL	1.7	8.4	13.0	65	17.6	24	19.9
North Ck ab R.S. nr Monticello	MAR-JUL	0.08	0.15	0.70	52	1.67	3.84	1.35
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	0.12	0.40	0.68	52	1.04	1.70	1.31
Recapture Ck bl Johnson Ck nr Blandi	MAR-JUL	0.30	1.16	2.80	46	4.44	6.86	6.10
San Juan River nr Bluff	APR-JUL	128	409	600	49	791	1072	1230

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Reservoir Storage (1000 AF) - End of January

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
HUNTINGTON NORTH	4.2	3.7	3.2	2.8
JOE'S VALLEY	61.6	21.8	38.6	41.2
KEN'S LAKE	2.3	0.7	1.0	1.1
MILL SITE	16.7	8.7	10.1	78.8
SCOFIELD	65.8	13.6	25.0	33.8

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.
Watershed Snowpack Analysis - February 1, 2003

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
PRICE RIVER	3	105	61
SAN RAFAEL RIVER	3	93	65
MUDDY CREEK	1	95	71
FREMONT RIVER	3	119	69
LASAL MOUNTAINS	1	75	53
BLUE MOUNTAINS	1	68	40
WILLOW CREEK	1	77	47
CARBON, EMERY, WAYNE, GRA	13	96	61

* 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.