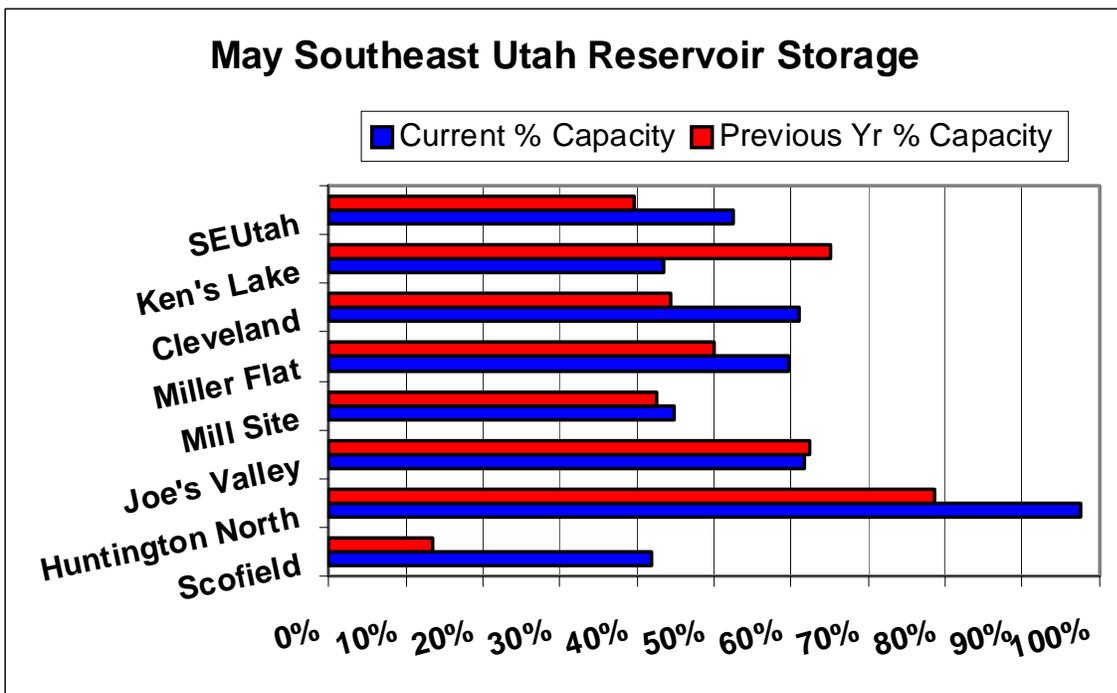
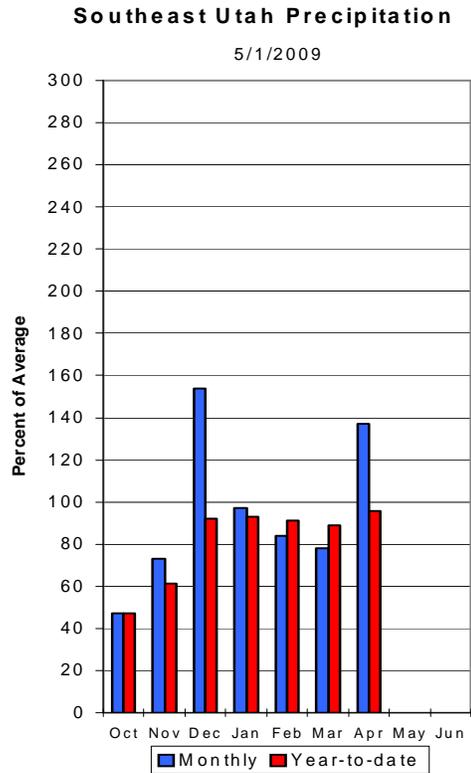
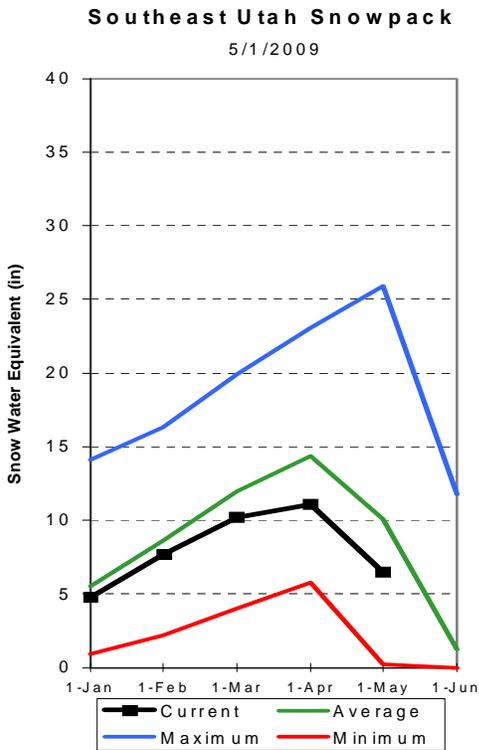


# Carbon, Emery, Wayne, Grand and San Juan Co.

## May 1, 2009

Snowpacks in this region are much below normal at 64% of average, about 71% of last year. Individual sites range from 0% to 130% of average. Precipitation during April was much above average at 137%, bringing the seasonal accumulation (Oct-Apr) to 95% of normal. Soil moisture estimates in runoff producing areas are at 75% of saturation in the upper 2 feet of soil, similar to last year at this time. Forecast streamflows (May – July) range from 18% to 98% of average. Reservoir storage is at 52% of capacity, up 12% from last year at this time. Surface Water Supply Indices for the area are: Price 47%, Joe's Valley 50%, Ferron Creek 26%, and Moab 17%. General runoff and water supply conditions are near average in the north western part of this region, and worsening to the south and east.



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Streamflow Forecasts - May 1, 2009

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		=====		>>===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
Gooseberry Creek nr Scofield	APR-JUL MAY-JUL	8.7 7.6	10.3 9.2	11.5 10.4	97 96	12.7 11.6	14.7 13.6	11.9 10.8
Price River nr Scofield Reservoir	APR-JUL MAY-JUL	36 30	41 35	45 39	100 98	49 43	56 50	45 40
White River blw Tabbayne Creek	APR-JUL MAY-JUL	13.0 9.2	15.3 11.5	17.0 13.2	98 97	18.8 15.0	22 17.9	17.3 13.6
Green River at Green River, UT (2)	APR-JUL MAY-JUL	2510 2110	2780 2380	2960 2560	93 93	3140 2740	3410 3010	3170 2740
Huntington Ck Inflow to Electric Lk	APR-JUL MAY-JUL	11.1 9.4	13.3 11.6	15.0 13.3	96 95	16.8 15.1	19.5 17.8	15.7 14.0
Huntington Ck nr Huntington (2)	APR-JUL MAY-JUL	30 26	36 32	40 36	82 80	44 40	51 47	49 45
Joe's Valley Reservoir Inflow	APR-JUL MAY-JUL	32 29	41 38	47 44	81 83	54 51	65 62	58 53
Ferron Ck (Upper Station) nr Ferron	APR-JUL MAY-JUL	21 18.7	24 22	27 25	69 69	30 28	34 32	39 36
Colorado River nr Cisco (2)	APR-JUL MAY-JUL	3640 3000	4270 3630	4700 4060	101 100	5140 4500	5770 5130	4650 4080
Mill Creek at Sheley Tunnel nr Moab	APR-JUL MAY-JUL	1.76 1.39	2.30 1.89	2.80 2.30	56 54	3.30 2.80	4.20 3.60	5.00 4.30
Muddy Creek nr Emery	APR-JUL MAY-JUL	10.7 9.8	13.7 12.8	16.0 15.1	80 84	18.4 17.5	22 21	19.9 18.0
South Ck ab Lloyd's Res nr Monticell	MAR-JUL MAY-JUL	0.11 0.05	0.23 0.12	0.36 0.18	26 18	0.52 0.28	0.85 0.46	1.38 1.01
San Juan River near Bluff (2)	APR-JUL MAY-JUL	685 520	875 710	1010 845	82 87	1150 980	1340 1170	1230 975

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

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Watershed Snowpack Analysis - May 1, 2009

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
HUNTINGTON NORTH	4.2	4.1	3.3	4.1	PRICE RIVER	3	72	96
JOE'S VALLEY	61.6	38.0	39.1	41.9	SAN RAFAEL RIVER	3	105	95
KEN'S LAKE	2.3	1.0	1.5	1.6	MUDDY CREEK	1	37	44
MILL SITE	16.7	7.5	7.1	99.7	FREMONT RIVER	3	12	2
SCOFIELD	65.8	27.6	8.8	37.4	LASAL MOUNTAINS	1	0	0
					BLUE MOUNTAINS	1	0	0
					WILLOW CREEK	1	0	0
					SOUTHEASTERN UTAH	13	71	64

\* 90%, 70%, 50%, 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.

