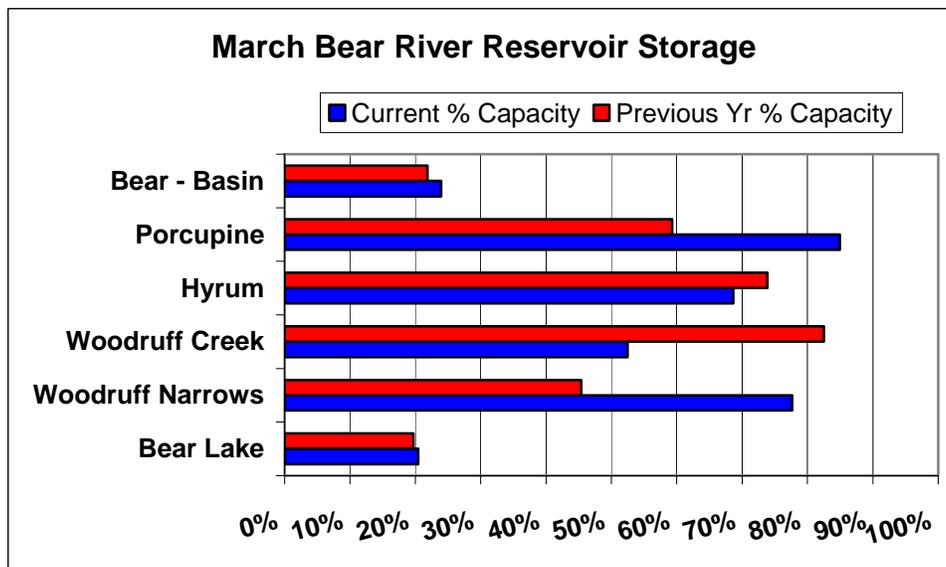
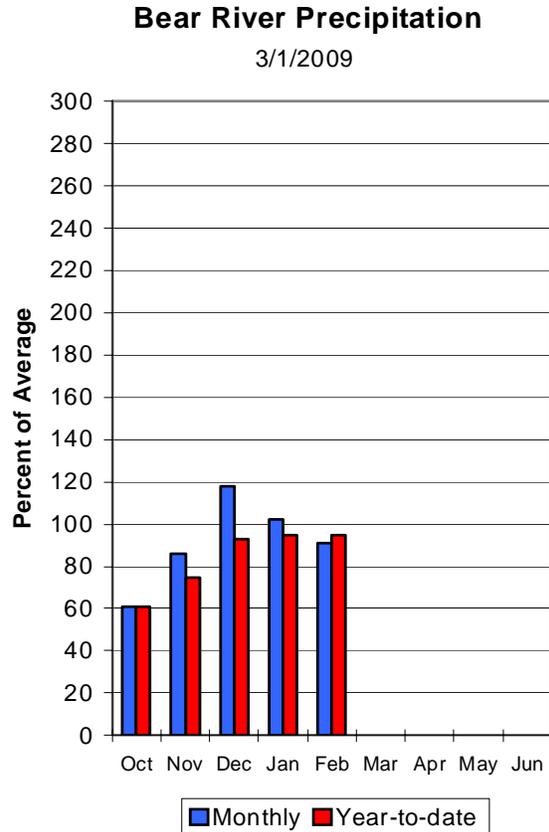
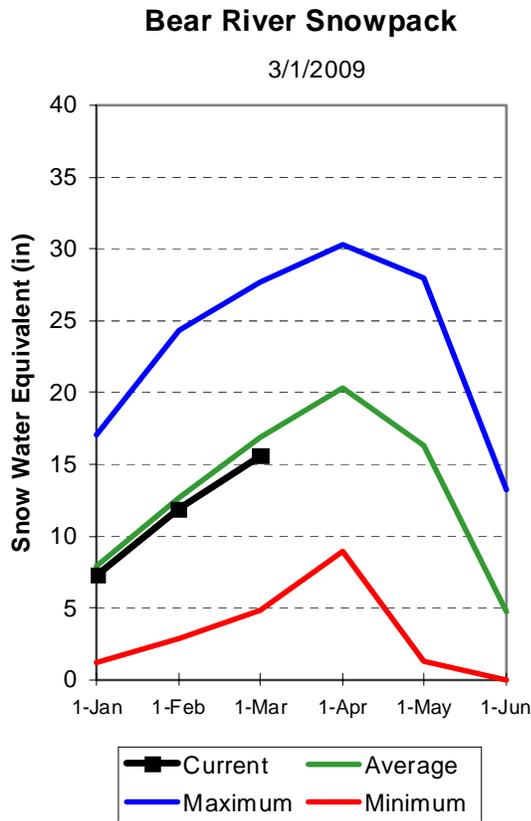


## Bear River Basin March 1, 2009

Snowpacks on the Bear River Basin are near average at 90% of normal, about 92% of last year. Individual sites range from 123% of normal at Vipont to 69% at Garden City Summit. February precipitation was near average at 91%, which brings the seasonal accumulation (Oct-Feb) to 95% of average. Soil moisture levels in runoff producing areas are at 56% of saturation in the upper 2 feet of soil compared to 55% last year. Forecast streamflows (April-July) range from much below to below average (60%-86%) volumes for this spring and summer. Reservoir storage is low at 24% of capacity, but is up 2% from this time last year. The Surface Water Supply Index is at 14% for the Bear River, in other words, 86% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage in Bear Lake.



BEAR RIVER BASIN  
Streamflow Forecasts - March 1, 2009

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<==== Drier =====		===== Chance Of Exceeding * 50% (1000AF) (% AVG.)		===== Wetter =====>>		
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Bear R nr UT-WY State Line	APR-JUL	65	84	97	86	110	129	113
Bear River ab Reservoir nr Woodruff	APR-JUL	67	95	114	84	133	161	136
Big Creek nr Randolph	APR-JUL	2.20	3.30	4.00	82	4.70	5.80	4.90
Smiths Fork nr Border	APR-JUL	65	79	88	85	97	111	103
Bear River at Stewart Dam	APR-JUL	82	115	140	60	168	213	234
Little Bear at Paradise, UT	APR-JUL	16.4	29	38	83	47	60	46
Logan nr Logan, UT	APR-JUL	73	92	105	83	118	137	126
Blacksmith Fk nr Hyrum, UT	APR-JUL	15.9	30	40	83	50	64	48

BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of February					BEAR RIVER BASIN Watershed Snowpack Analysis - March 1, 2009			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1302.0	266.3	256.8	---	BEAR RIVER, UPPER	8	95	90
HYRUM	15.3	10.5	11.3	11.0	BEAR RIVER, LOWER	9	90	89
PORCUPINE	11.3	9.6	6.7	5.6	LOGAN RIVER	4	93	92
WOODRUFF NARROWS	57.3	44.5	26.0	27.6	RAFT RIVER	1	71	85
WOODRUFF CREEK	4.0	2.1	3.3	---	BEAR RIVER BASIN	17	92	90

\* 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.