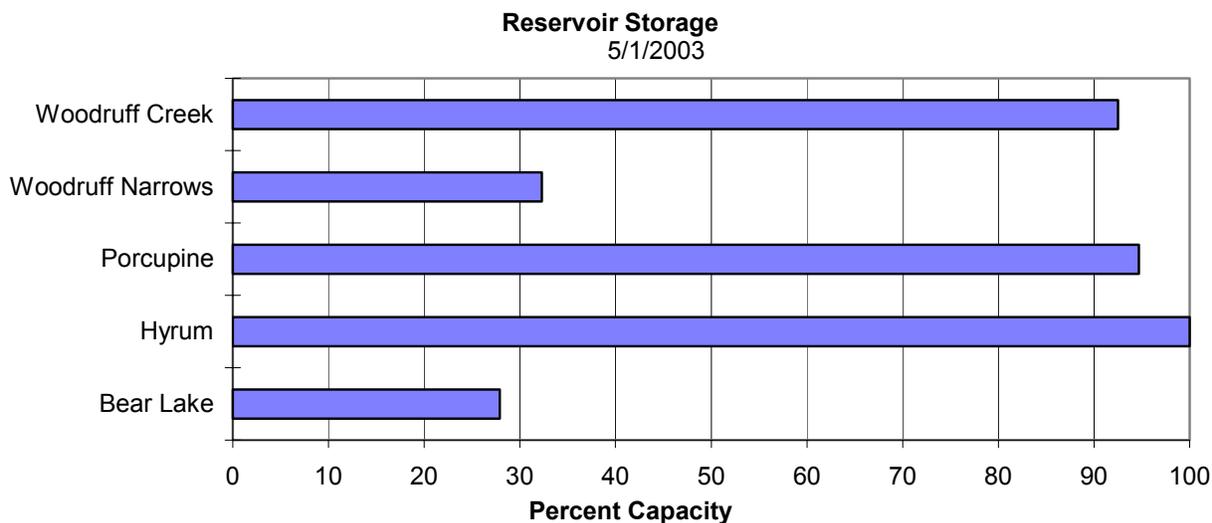
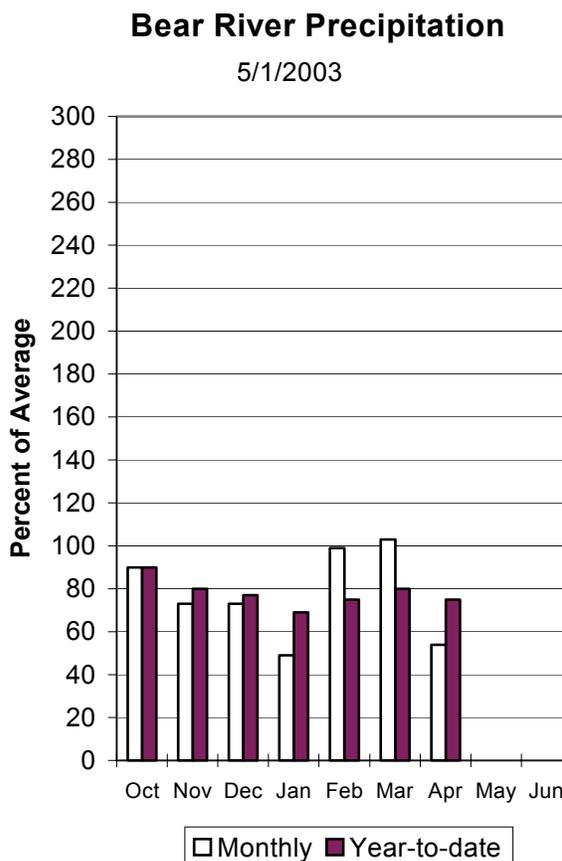
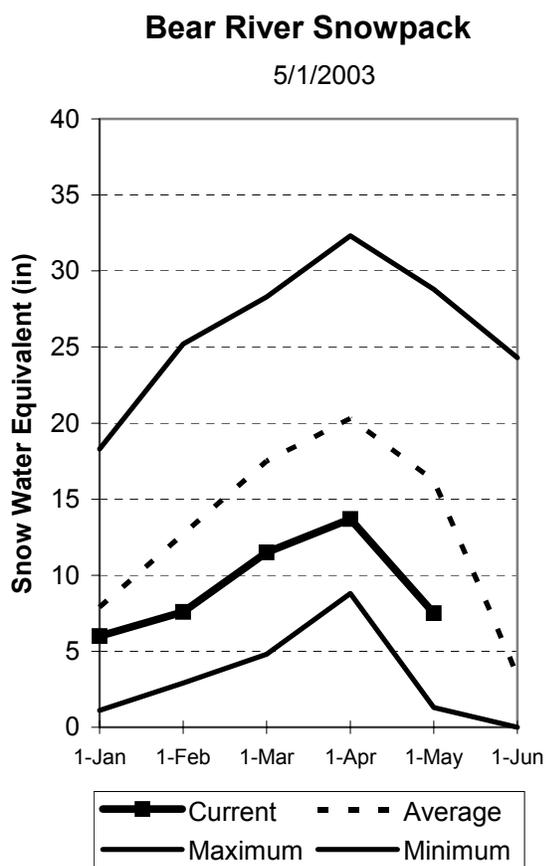


## Bear River Basin May 1, 2003

Snowpacks on the Bear River Basin are much below average at 46% of normal, about 86% of last year and down 21% relative to last month. Water supply conditions are similar to last year. Specific sites range from 0% to 75% of normal. Bear lake was only able to store 7,000 acre feet this past month. April precipitation was much below average at 54%, which brings the seasonal accumulation (Oct-Apr) to 75% of average. Forecast streamflows are for much below normal volumes this spring. Reservoir storage is at 29% of capacity, 16% (241,000 AF) less than last year. Water supply conditions are much below normal due to low snowpack and low reservoir storage.



BEAR RIVER BASIN  
Streamflow Forecasts - May 1, 2003

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		<<===== Drier =====>>		===== Wetter =====>>				
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * 50% (Most Probable) (1000AF) (% AVG.)		30% (1000AF)	10% (1000AF)	
Bear R nr UT-WY State Line	APR-JUL	54	59	62	53	65	70	116
Woodruff Narrows Res inflow	APR-JUL	15.0	25	32	24	40	55	136
Big Creek nr Randolph	APR-JUL	0.34	0.91	1.30	27	2.73	4.84	4.90
Smiths Fork nr Border	APR-JUL	35	41	45	44	50	57	103
Bear River blw Stewart Dam	APR-JUL	22	27	30	10	64	109	288
Little Bear River at Paradise	APR-JUL	9.7	11.3	12.5	27	13.8	16.1	46
Logan River nr Logan	APR-JUL	51	55	58	48	61	66	122
Blacksmith Fork nr Hyrum	APR-JUL	15.3	17.1	18.4	38	19.8	22	48

BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of April					BEAR RIVER BASIN Watershed Snowpack Analysis - May 1, 2003			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1421.0	396.7	---	---	BEAR RIVER, UPPER (abv Ha	6	77	41
HYRUM	15.3	15.3	15.1	13.2	BEAR RIVER, LOWER (blw Ha	8	88	50
PORCUPINE	11.3	10.7	11.3	9.5	LOGAN RIVER	4	90	65
WOODRUFF NARROWS	57.3	18.5	18.5	38.5	RAFT RIVER	1	67	65
WOODRUFF CREEK	4.0	3.7	3.8	---	BEAR RIVER BASIN	14	83	46

\* 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.