

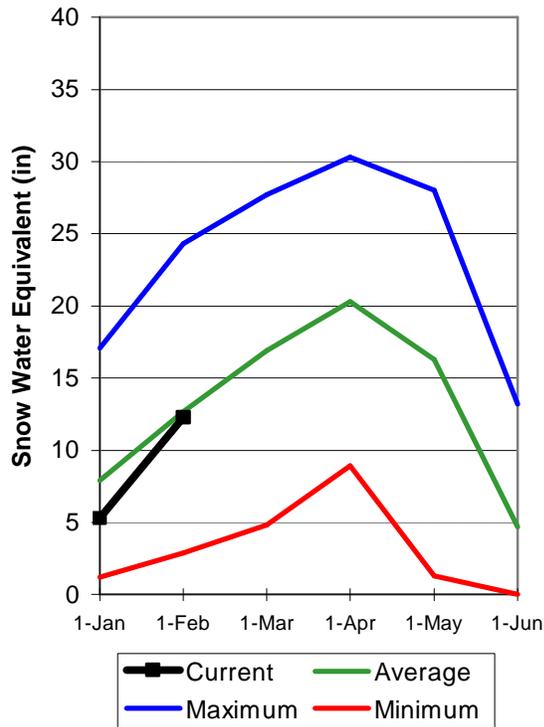
# Bear River Basin

## February 1, 2008

Snowpacks on the Bear River Basin are near average at 94% of normal, about 152% of last year. This is a 25% increase since January 1st. Specific sites range from 79% of normal at Kelley R.S. to 121% at Hayden Fork. January precipitation was much above average at 139%, which brings the seasonal accumulation (Oct-Jan) to 97% of average. Soil moisture levels in runoff producing areas are at 53% of saturation in the upper 2 feet of soil compared to 66% last year. Forecast streamflows are below average to average (62%-106%) volumes for this spring. Reservoir storage is low at 20% of capacity, 15% lower than last year. The Surface Water Supply Index is at 12% for the Bear River, or 88% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage at Bear Lake.

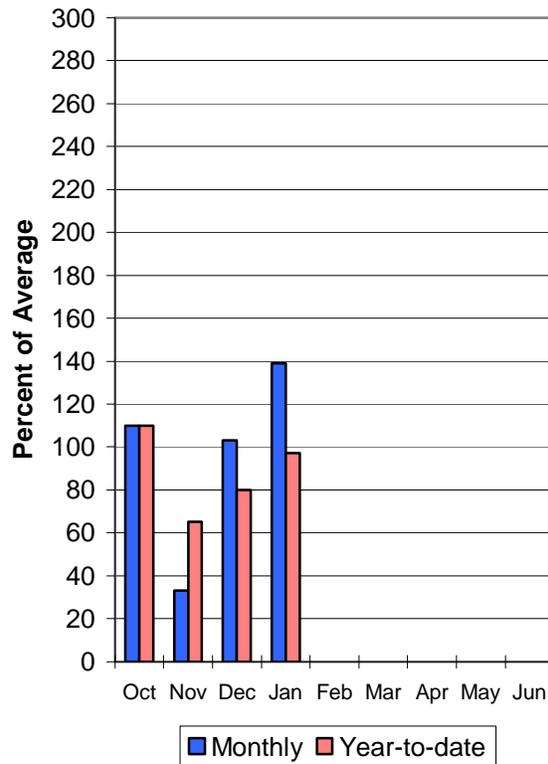
### Bear River Snowpack

2/1/2008



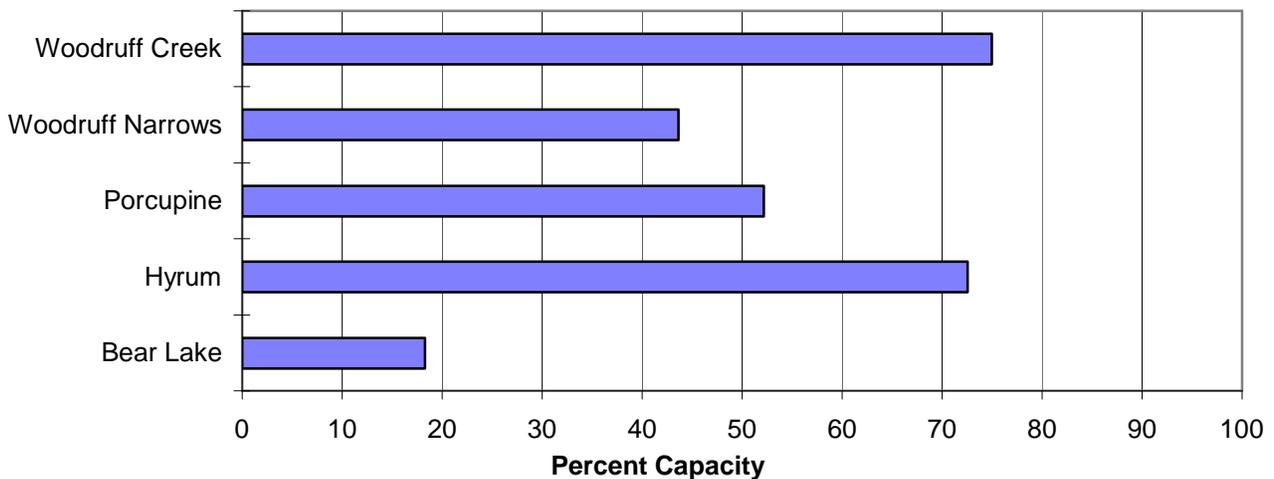
### Bear River Precipitation

2/1/2008



### Reservoir Storage

2/1/2008



BEAR RIVER BASIN  
Streamflow Forecasts - February 1, 2008

Forecast Point	Forec ast Period	<----- Drier ----- Future Conditions ----- Wetter ----->						30 -Yr Avg. (1000AF)
		90%		50%		10%		
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	
Bear River nr UT-WY State Line	APR -JUL	86	106	120	106	134	154	113
Bear River ab Reservoir nr Woodruff	APR -JUL	82	114	136	100	158	190	136
Big Creek nr Randolph	APR -JUL	2.90	4.00	4.80	98	5.60	6.70	4.90
Smiths Fork nr Border	APR -JUL	60	78	90	87	102	120	103
Bear River at Stewart Dam	APR -JUL	76	114	145	62	179	235	234
Little Bear River at Paradise	APR -JUL	22	32	40	87	49	64	46
Logan R Abv State Dam Nr Logan	APR -JUL	72	94	110	87	128	157	126
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR -JUL	28	39	48	100	58	74	48

BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of January					BEAR RIVER BASIN Watershed Snowpack Analysis - February 1, 2008			
Reservoir	Usa ble Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1302.0	237.9	413.0	---	BEAR RIVER, UPPER (abv Ha	5	131	94
HYRUM	15.3	11.1	10.5	10.4	BEAR R IVER, LOWER (blw Ha	9	80	77
PORCUPINE	11.3	6.1	7.0	4.4	LOGAN RIVER	4	107	84
WOODRUFF NARROWS	57.3	25.0	47.0	25.2	RAFT RIVER	1	48	94
WOODRUFF CREEK	4.0	3.0	2.1	---	BEAR RIVER BASIN	14	92	83

\* 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.