

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: May YEAR: 2008
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Sherrie Hebert Service Hydrologist
DATE: June 6, 2008	
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

	An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.
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May 2008 weather was everything but normal. The month started cold and wet, setting and tying many low temperature records. Within two weeks, record high temperatures were being set, then one week later abundant precipitation was falling across the region. The result was bulging rivers and streams with flooding occurring on the Henrys Fork near Rexburg, with flooding continuing into June. There were no reports of injuries, fatalities or property damage.

Other Hydrologic Interests

Precipitation

Precipitation was near or above normal for much of the Pocatello Hydrologic Service Area (HSA) in May. The entire HSA received an average of 113% of normal precipitation for 38 of 42 reporting stations with climate data, according to Western Region Climate Center data. Grace, Island Park and Lifton led the pack with 164%, 160% and 150% of normal precip, respectively. Mackay Ranger Station and Arco received the least at 36% and 4% of normal, respectively.

Reservoirs

The Upper Snake River reservoir system is at 74% of capacity¹, up 13% from May 8, 2008².

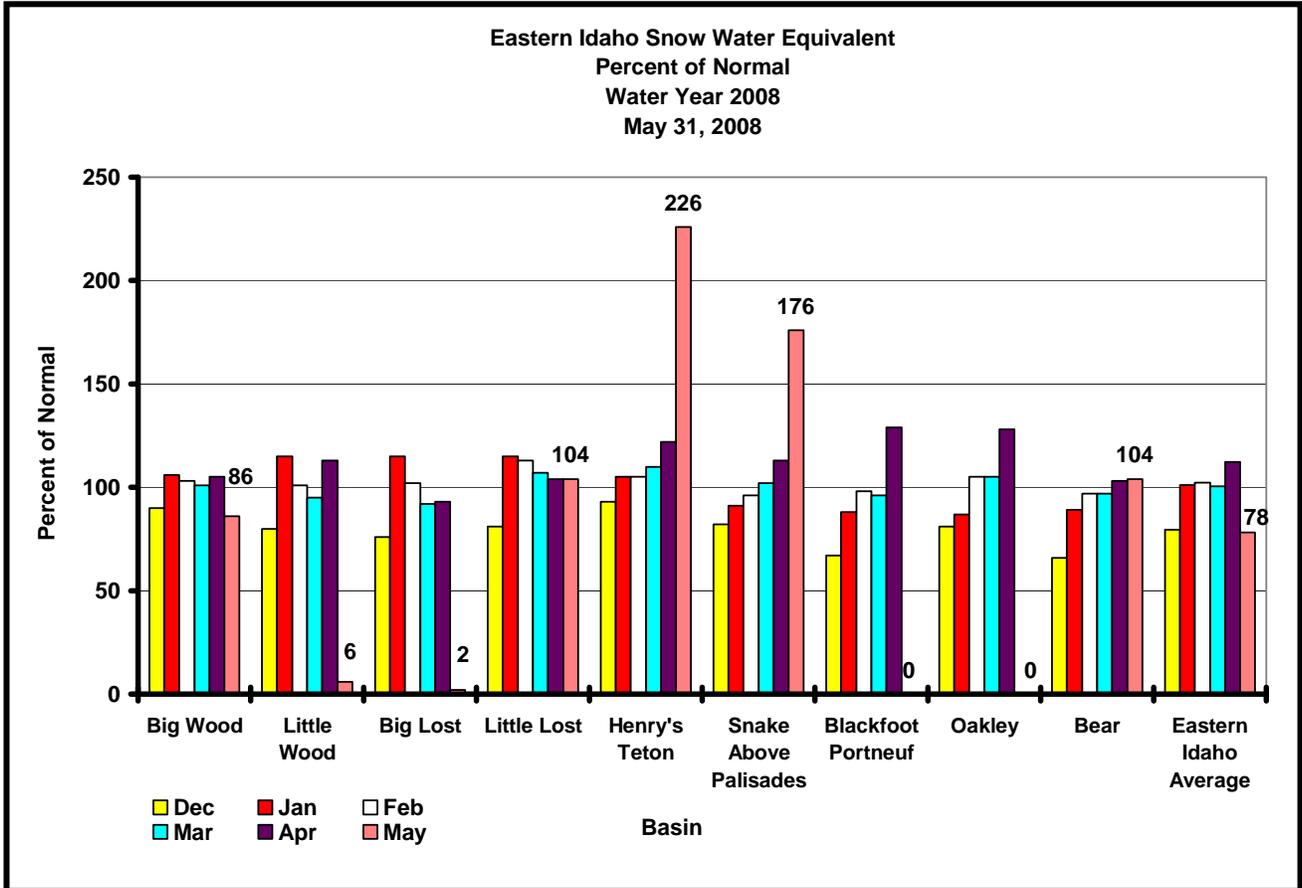
Reservoir	% Capacity April 30 ³	% Capacity May 31 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	78	76	-1	86	99
Bear Lake	30	33	2	45	73
Blackfoot	30	39	3	47	70
Henry's Lake	92	99	2	100	103
Island Park	85	102	8	103	104
Little Wood	49	75	13	82	115
Mackay	69	79	7	100	94
Magic	34	54	19	67	73
Oakley	44	55	4	92	91
Palisades	52	62	6	84	78
Ririe	58	88	6	101	111
Lake Walcott	99 ²	100 ¹	1	n/a	n/a
Milner	96 ²	98 ¹	2	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), June 5, 2008; (2) BOR, May 8, 2008; (3) NRCS, April 30, 2007; (4) NRCS, May 31, 2008.

Snowpack

Snow pounded the eastern mountains in May with large gains in the Henrys, Teton and Upper Snake basins. It is important to note, however, that SWE values can be misleading this time of year as they rapidly decline from day to day where even a modest snowfall may skew the values. As the melt season continues, precipitation averages are often a better representative of the situation.

Regardless, the Henrys, Teton and Upper Snake basins remain significantly above normal for this time of year.

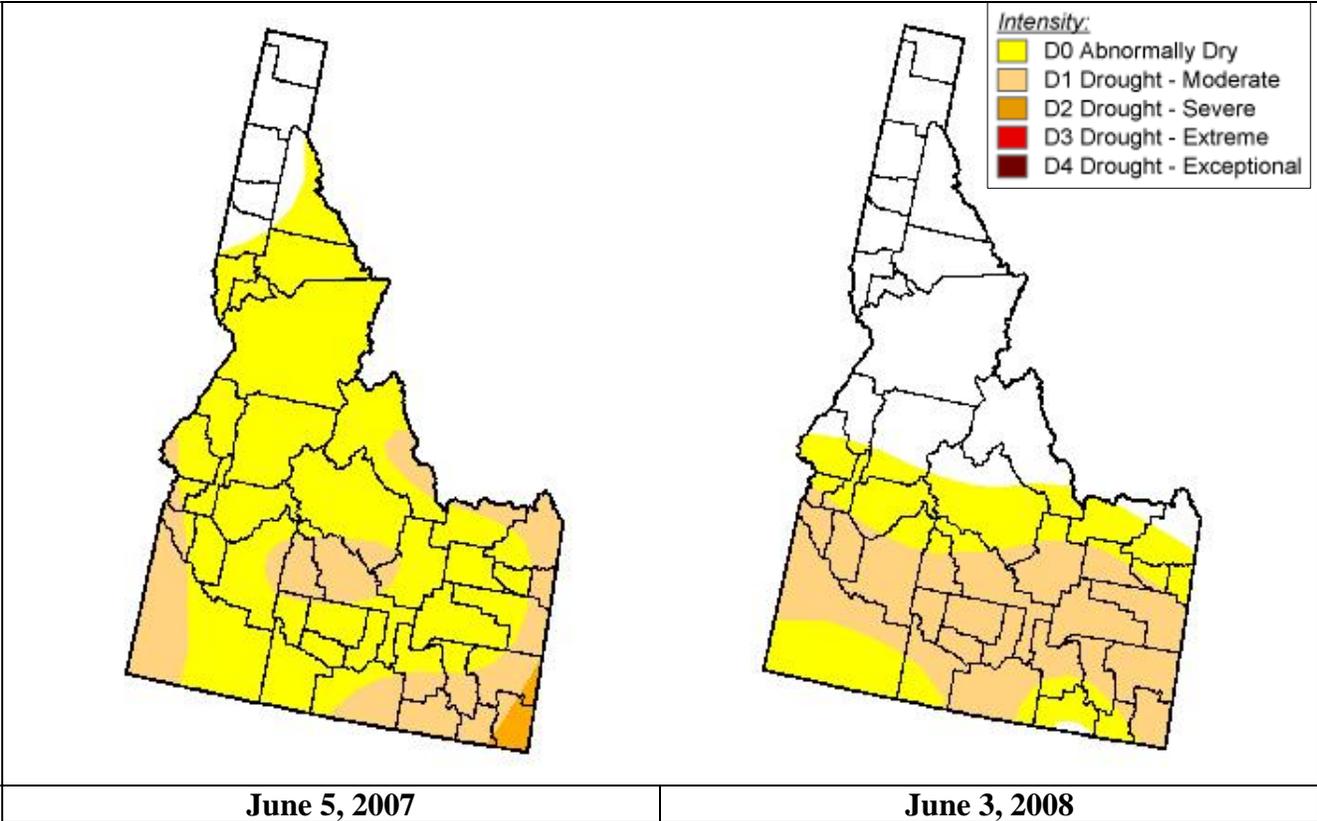


River Levels

Rivers across Eastern Idaho are running near or above normal for this time of year.

Drought

No changes were made to the Drought Monitor in May. The images below compare this year to last year.



May 2008 Hydrologic Product Summary

Product	Number Issued
Flash Flood Warning	0
Flash Flood Statement	0
Flood Watch for Flash Flooding	2
Flood Warning	4
Flood Statement	17
Flood Watch for Flooding	4
Urban and/or Small Stream Flood Warning	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	5
Hydrologic Statement	2
NOW or Special Weather Statement (with information related to flooding)	0

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
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Drought Monitor Mailing List
Northwest River Forecast Center
Pocatello WFO Forecasters and HMTs