

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: April YEAR: 2009
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Troy Lindquist Service Hydrologist
	DATE: May 7, 2009
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).	

<div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;"> X </div>	An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.
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The region received above normal amounts of precipitation for the month. This precipitation helped the water supply significantly for eastern Idaho. Preston set a monthly precipitation record of 2.95” which beat the record of 2.72” set in 1999. Stanley set daily precipitation records on the 8th and 13th of 0.39” and 0.19” respectively. This beat the previous records of 0.30” set in 1992 and 0.18” set in 1995.

Other Hydrologic Interests

Precipitation

Precipitation was 134.38% of normal for 41 of 48 reporting stations with climate data, according to Western Region Climate Center data. Bern received 275.3% of normal precip, topping the list of 32 stations reporting at or above normal precipitation. Nine stations were below normal with Challis ASOS reporting the least at 25.9%.

Reservoirs

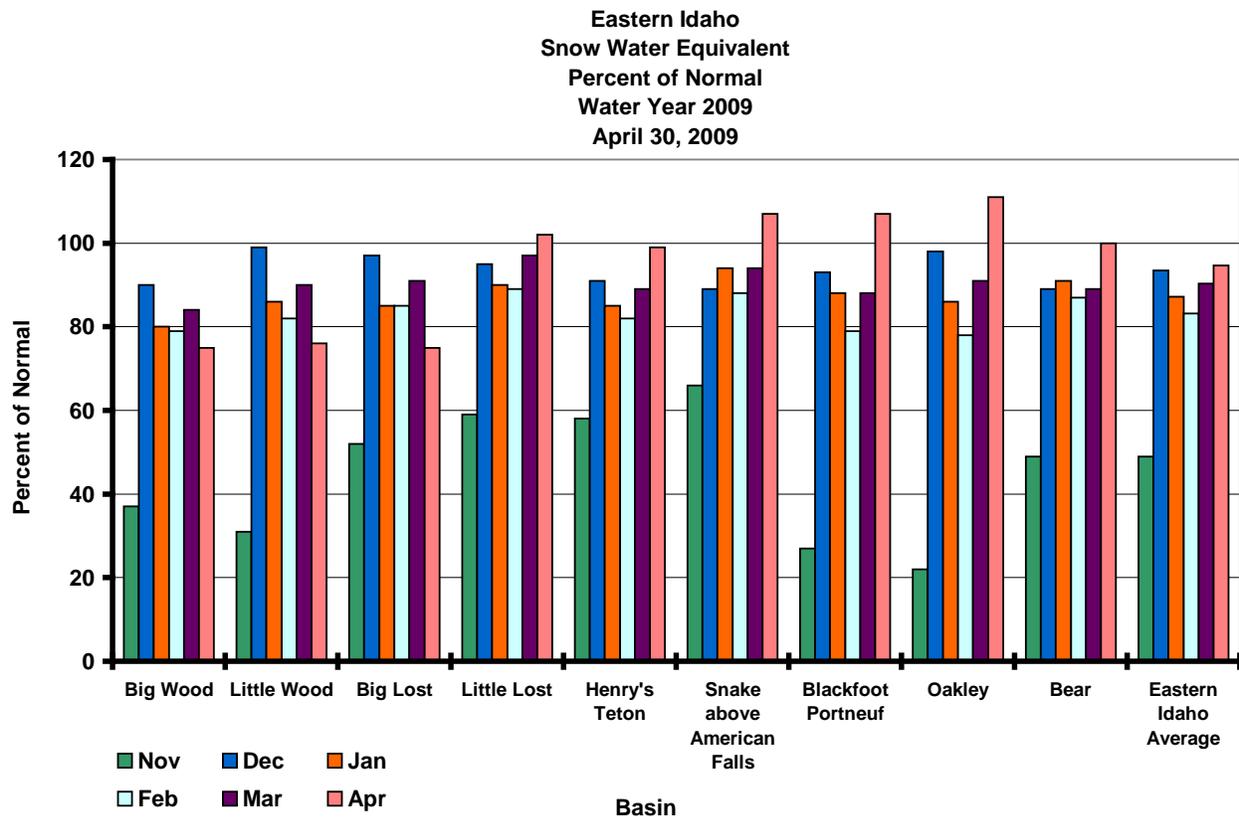
The Upper Snake River reservoir system is at 77% of capacity¹, down 9% from April 7, 2009².

Reservoir	% Capacity March 31	% Capacity April 30	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	97	98	1	110	126
Bear Lake	29	32	3	47	106
Blackfoot	30	41	11	56	135
Henry's Lake	97	100	3	103	109
Island Park	90	93	3	102	109
Little Wood	62	94	32	116	191
Mackay	66	71	5	91	103
Magic	22	45	23	58	135
Oakley	32	39	7	71	89
Palisades	79	56	-23	90	107
Ririe	56	80	24	114	138
Lake Walcott	99 ¹	96	-3	n/a	n/a
Milner	97 ¹	108	11	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), May 7, 2009; (2) BOR April 7, 2009; (3) NRCS, March 31, 2009; (4) NRCS, April 30, 2009.

Snowpack

Snowpack across most of the central mountain remained below normal through April. Snowpack for the eastern mountains was generally near normal with substantial increases in some basins due to above normal precipitation through the month. A basin SWE summary is below.

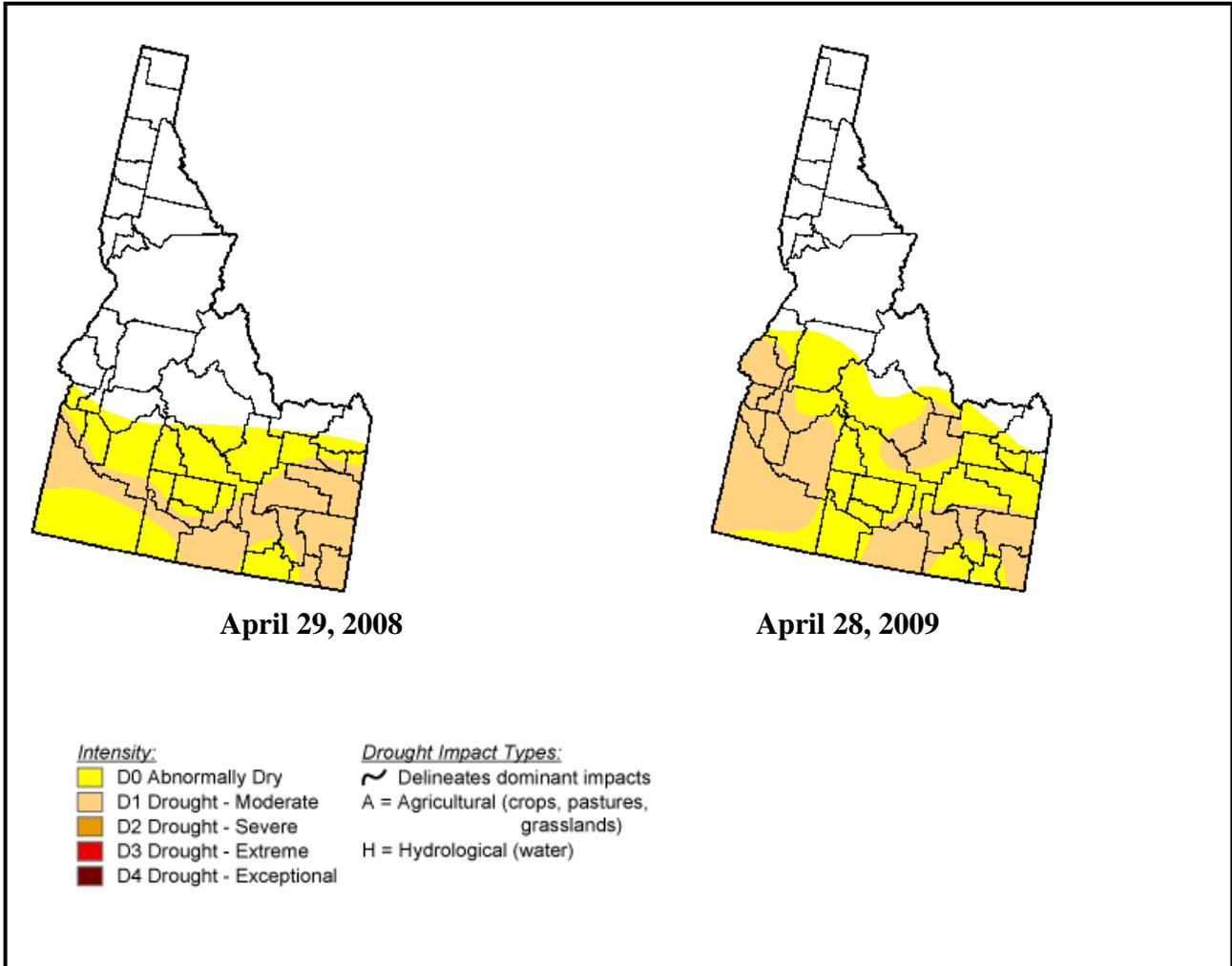


River Levels

The Snake River near Blackfoot was running near bank full, otherwise river levels were near normal across the HSA

Drought

Eastern Idaho remained in a moderate drought. Below is a comparison between this year and last.



April 2009 Hydrologic Product Summary

Flood Watch issued on April 24 for the Snake River at Blackfoot. The river crested below flood stage.

Hydrologic Statement issued on April 25 discussing receding river levels with the onset of cooler temperatures.

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
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Drought Monitor Mailing List
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