

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: March YEAR: 2009
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Dan Valle Hydrology Focal Point
	DATE: April 12, 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).	

X	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 near normal amounts of precipitation for the month. This precipitation helped the water supply for eastern Idaho. Challis set a daily precipitation record of 0.18” which beat the record of 0.07” set in 1985.

Other Hydrologic Interests

Precipitation

Precipitation was 97.95% of normal for 42 of 48 reporting stations with climate data, according to Western Region Climate Center data. The Stanley ASOS received 312.4% of normal precip, topping the list of 13 stations reporting at or above normal precipitation. Twenty-eight stations were below normal with Arco reporting the least at 11.8%.

Reservoirs

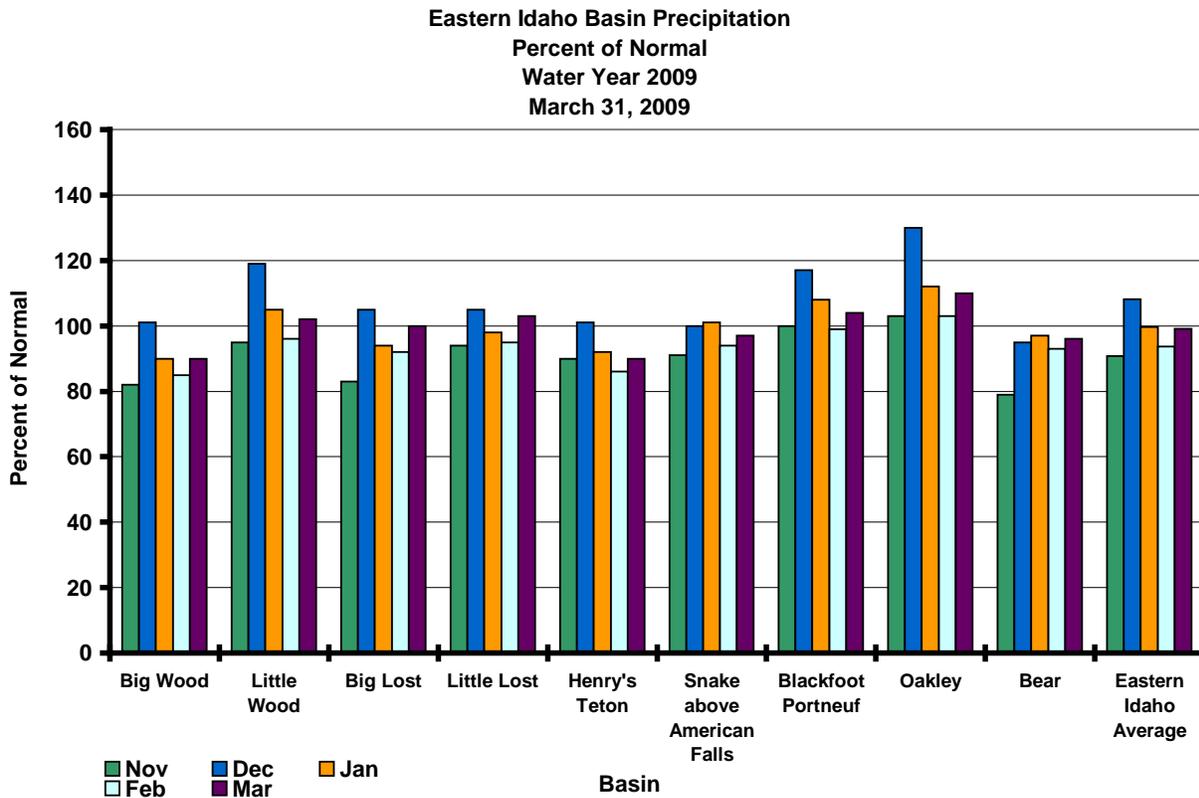
The Upper Snake River reservoir system is at 85% of capacity¹, up 6% from March 13, 2009².

Reservoir	% Capacity February 28 ³	% Capacity March 31 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	84	97	13	112	122
Bear Lake	27	29	2	45	104
Blackfoot	28	30	2	46	110
Henry's Lake	96	97	1	102	108
Island Park	85	90	5	106	116
Little Wood	44	62	18	96	171
Mackay	60	66	6	89	105
Magic	16	22	6	40	151
Oakley	27	32	5	68	81
Palisades	72	79	7	118	173
Ririe	52	56	4	109	107
Lake Walcott	40 ¹	99 ¹	59	n/a	n/a
Milner	88 ¹	97 ¹	9	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), April 11, 2009; (2) BOR March 13, 2009; (3) NRCS, February 28, 2008; (4) NRCS, March 31, 2009.

Snowpack

Below in the snow water equivalent (SWE) graph. Most basins are near normal due to precipitation in the month of March.

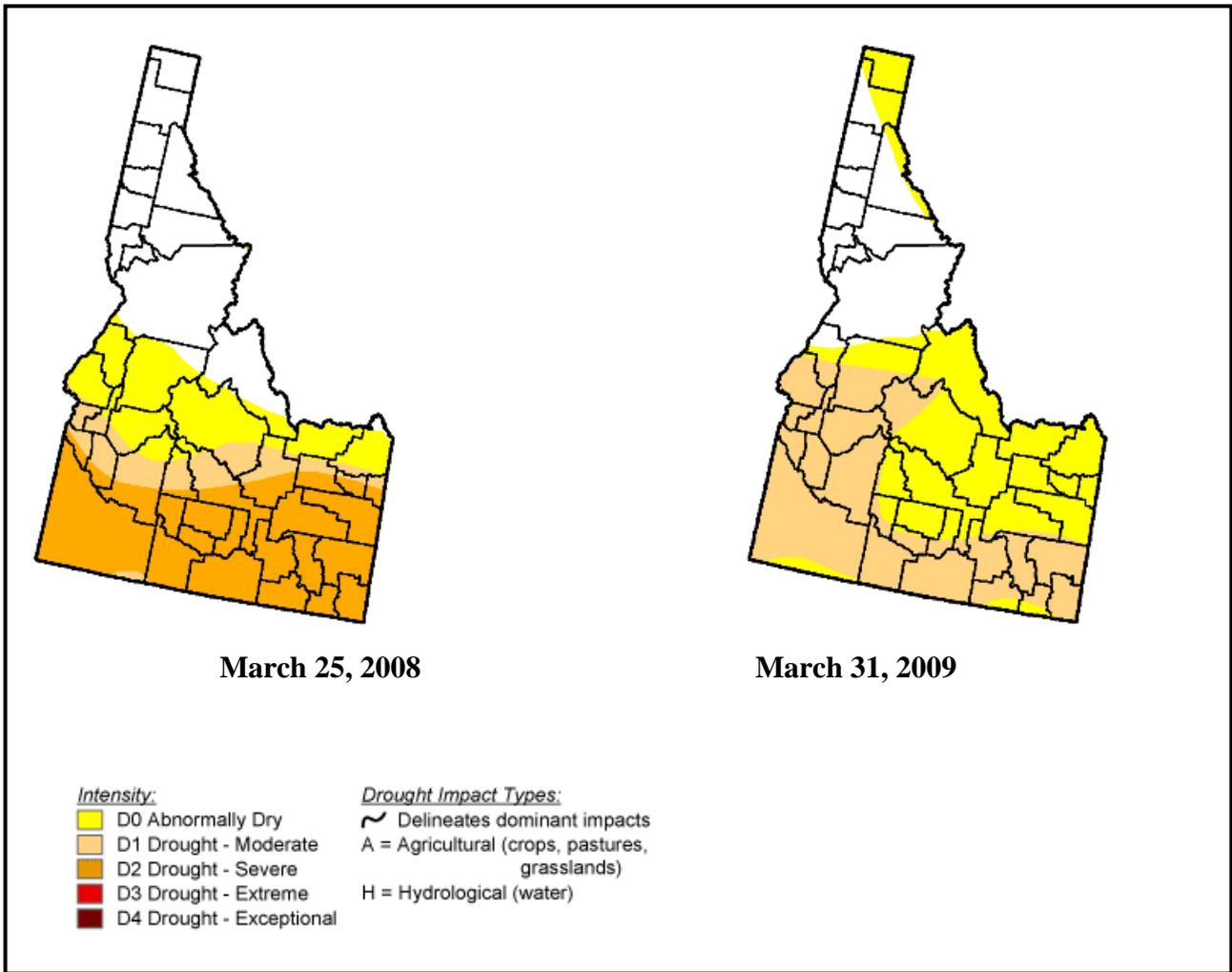


River Levels

River levels are near normal across the HSA.

Drought

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



March 2009 Hydrologic Product Summary

None issued.

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
Hydrometeorological Information Center
Rick Dittman, Meteorologist in Charge, Pocatello, Idaho
Jay Breidenbach, Service Hydrologist, Boise, Idaho
Drought Monitor Mailing List
Northwest River Forecast Center
Pocatello WFO Forecasters and HMTs