

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: 2010
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 12, 2010
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.

Summary

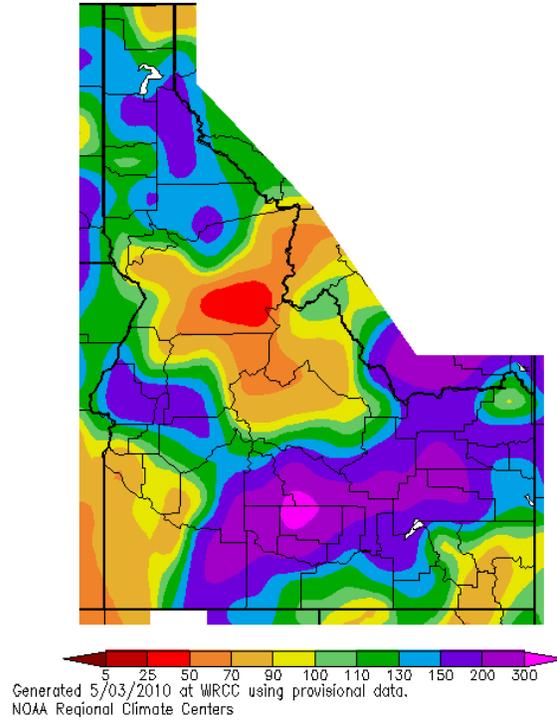
Above normal precipitation occurred at almost all reporting stations across the mountains and the low elevations in April. The wet and cool weather was beneficial in providing additional high elevation snowpack and keeping the snow from melting too early, which will stretch runoff further into the warm season. Despite the wet conditions, water content of the snowpack remained well below normal for the water year and water supply forecasts continued to indicate well below average runoff volume for the Upper Snake River Basin.

Other Hydrologic Interests

Precipitation

Station	April, 2010 Precipitation Records
Bern COOP	Monthly precip of 2.60" broke old record of 2.40"
Driggs COOP	Monthly precip of 4.81" broke old record of 3.42"
Tetonia COOP	Monthly precip of 4.23" broke old record of 2.44"
Burley ASOS	0.12" precip on the 13 th broke old record of 0.07" set in 1972.
Challis ASOS	0.45" precip on the 21 st broke old record of 0.20" set in 1990.
Idaho Falls ASOS	0.56" precip on the 5 th broke old record of 0.34" set in 2006.
Pocatello ASOS	0.50" precip on the 21 st broke the old record of 0.38" set in 1981.

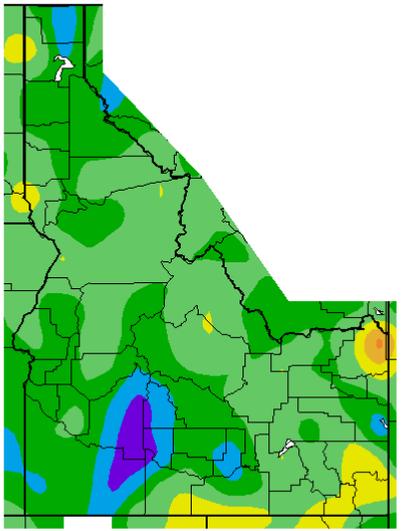
Percent of Average Precipitation (%)
4/3/2010 - 5/2/2010



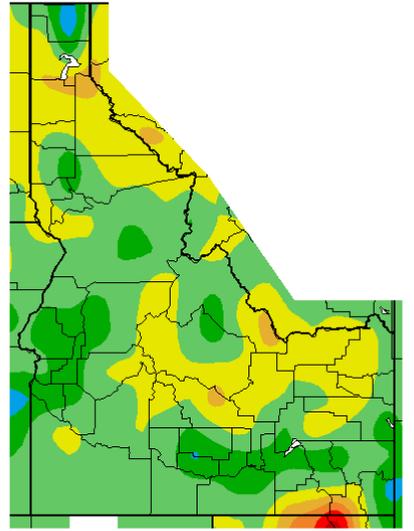
Temperature

Cooler than normal conditions dominated across the HSA for April.

Av. Max. Temperature dep from Ave (deg F)
4/3/2010 - 5/2/2010



Av. Min. Temperature dep from Ave (deg. F)
4/3/2010 - 5/2/2010

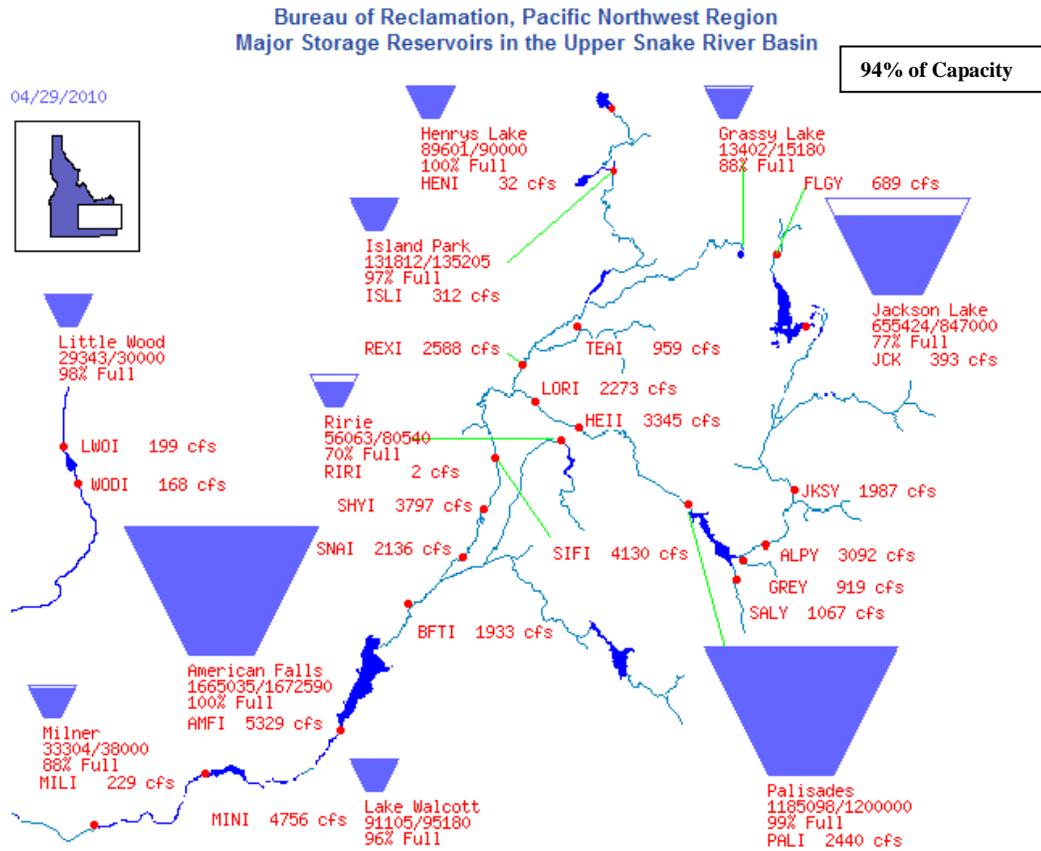


Reservoirs

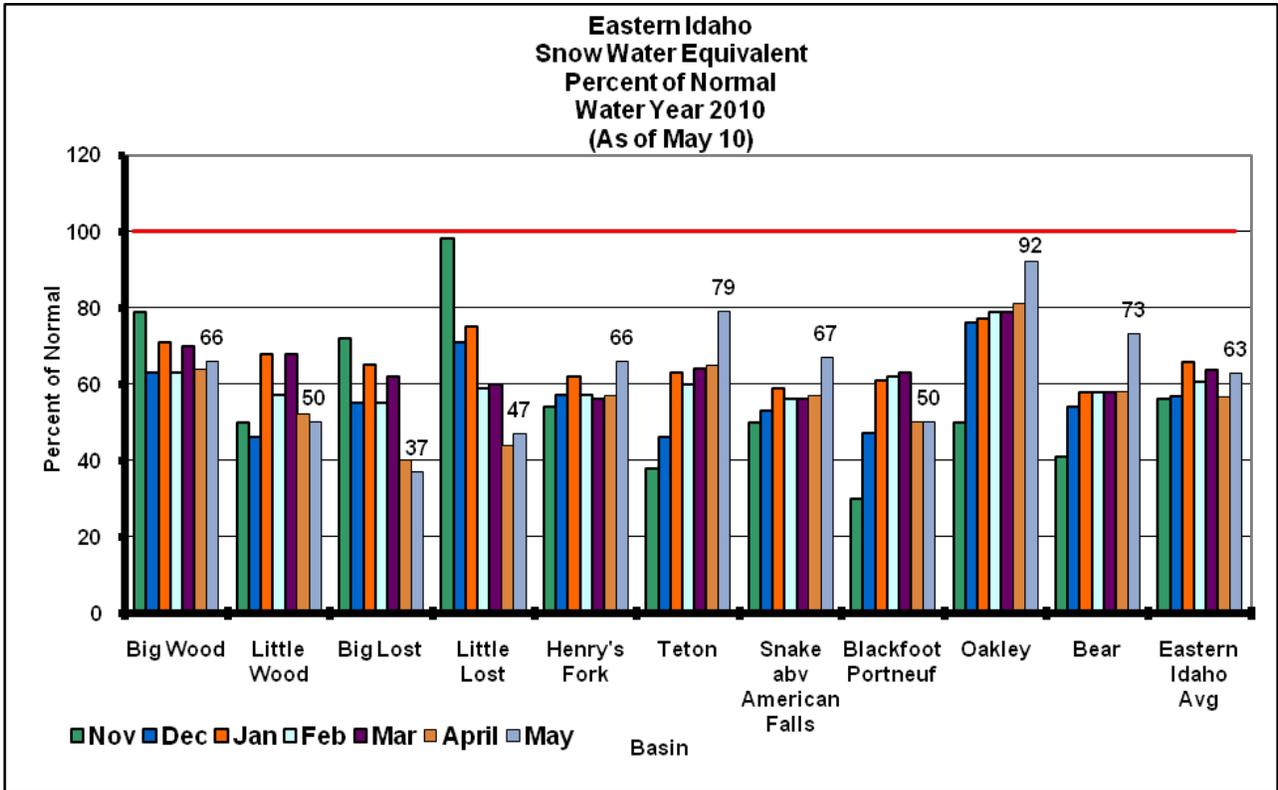
The Bureau of Reclamation (BOR) Upper Snake River Basin Reservoir System was at 94% of capacity the end of April 2010, up about 5% from the beginning of the month. The reservoir system was near 77% of capacity the end of April in 2009.

Reservoir	% Capacity March 31 ³	% Capacity April 30 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	100	99	-1	111	101
Bear Lake	40	42	2	61	130
Blackfoot	60	66	6	90	162
Henry's Lake	96	99	3	103	100
Island Park	86	98	12	107	106
Little Wood	94	98	4	121	105
Mackay	93	99	6	127	139
Magic	48	70	22	90	155
Oakley	38	40	2	74	103
Palisades	89	99	10	161	179
Ririe	56	70	14	101	88
Lake Walcott	69 ¹	96 ²	17	n/a	n/a
Milner	86 ¹	88 ²	2	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR) March 31, 2010; (2) BOR April 29, 2010; (3) NRCS March 31, 2010; (4) NRCS April 30, 2010.

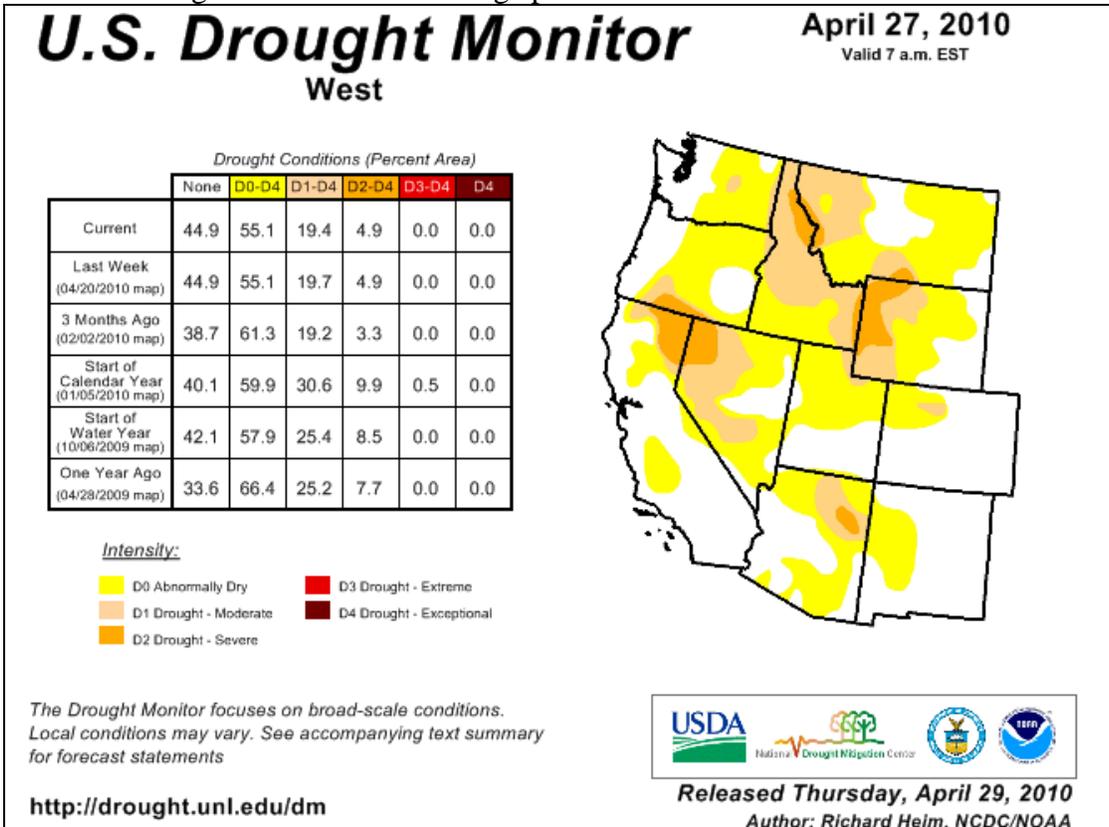


Snowpack Conditions



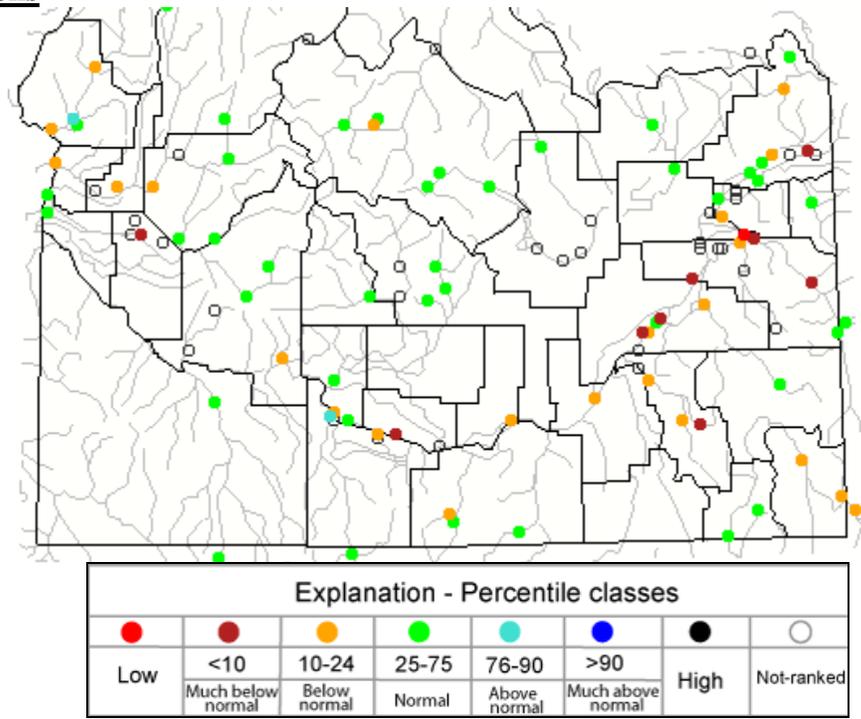
Drought

Moderate drought continued over a large portion of the HSA due to well below normal snowpack.



River/Stream Conditions

**April 2010
streamflow
compared to
historical
streamflow.**

April 2010 Hydrologic Product Summary

Product	Number Issued
Flood Watch for Flash Flooding	1
Flash Flood Warning	1
Flash Flood Statement	2
Urban and Small Stream Flood Advisory	0
Flood Watch for Flooding	0
Flood Warning	0
Flood Statement	0
Flood Advisory	0
Hydrologic Statement	0
Hydrologic Outlook	0
Water Supply Outlook (Issued by WFO BOI, covering all of Idaho)	1

cc: Jeff Zimmerman, Western Region HCSD
 Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
 Hydrometeorological Information Center
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 Pocatello WFO Forecasters and HMTs