

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: January 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: February 5, 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).	

An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.

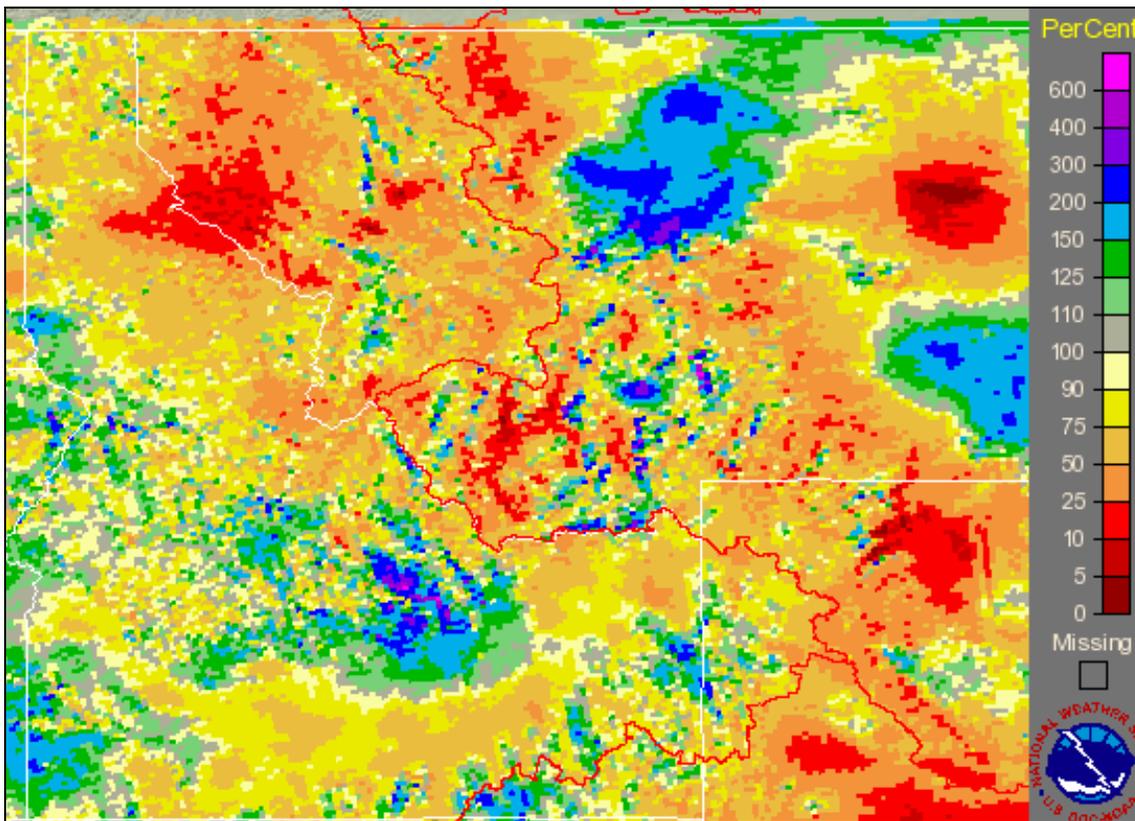
Summary

January started out wet with significant precipitation falling across much of the area the first couple of days of the month, followed by several days of mainly dry conditions. A shift in the pattern during the middle and later parts of the month brought several storm systems off the Pacific and across eastern Idaho. Although significant snowfall occurred across much of the mountains and portions of the Snake River Plain during this more active period, amounts were generally moderate to light with individual storm systems and seasonal mountain snowpack remained well below normal across the HSA.

Other Hydrologic Interests

Precipitation

January precipitation was 105% of normal for the 42 lower elevation stations that reported monthly precipitation totals. Twenty-one of those stations reported greater than 100% of normal. Howe received 1.29" (230% of normal) monthly precipitation, and Craters Of The Moon received 3.96" (184% of normal) monthly precipitation. Grace only received 1.21" (30% of normal) for the month. Daily precipitation records were set at the Burley ASOS on the 1st, the Idaho Falls ASOS on the 1st and 22nd, and the Stanley ASOS on the 1.



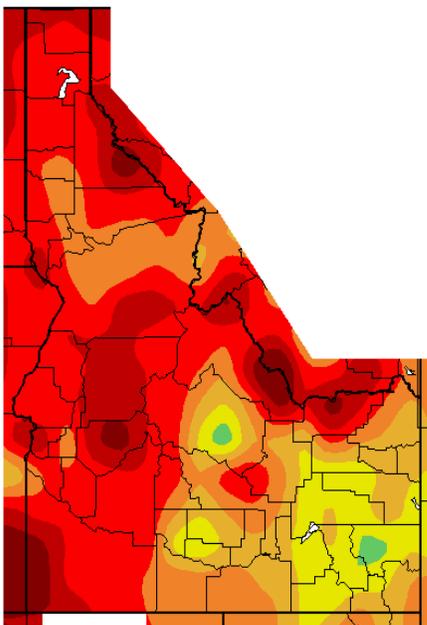
January 2010 precipitation percent of normal.

Temperature

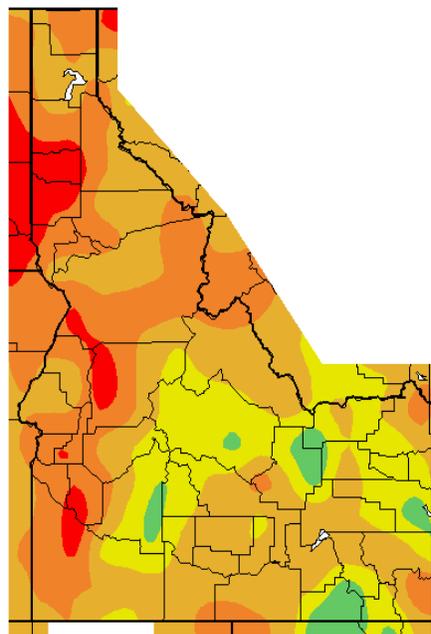
Temperatures were above normal for most of the area in January.

Av. Min. Temperature dep from Ave (deg. F)
1/1/2010 - 2/3/2010

Av. Max. Temperature dep from Ave (deg F)
1/1/2010 - 2/3/2010



Generated 2/04/2010 at WRCC using provisional data.
NOAA Regional Climate Centers



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Reservoirs

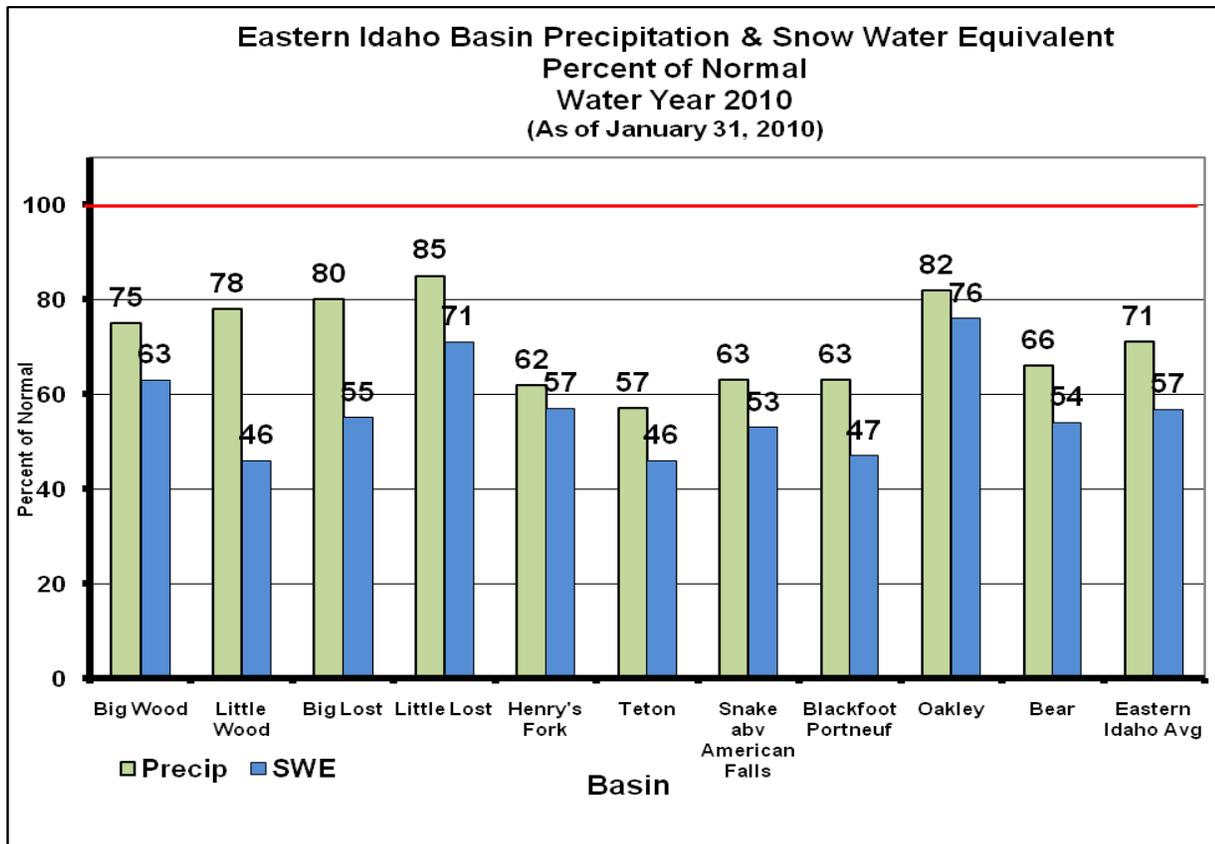
The Upper Snake River Basin reservoir system was at 77% of capacity February 1, up 5% from January 4, 2010. Last year at end of January, the reservoir system was near 70% of capacity.

Reservoir	% Capacity December 31 ³	% Capacity January 31 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	72	82	10	121	114
Bear Lake	37	38	1	60	144
Blackfoot	n/a	57	n/a	90	216
Henry's Lake	94	95	1	103	100
Island Park	80	83	3	109	101
Little Wood	62	72	10	133	201
Mackay	72	79	7	127	152
Magic	39	41	2	92	285
Oakley	29	32	3	85	130
Palisades	76	80	4	107	121
Ririe	47	50	3	113	101
Lake Walcott	40 ¹	42 ²	2	n/a	n/a
Milner	90 ¹	92 ²	2	n/a	n/a

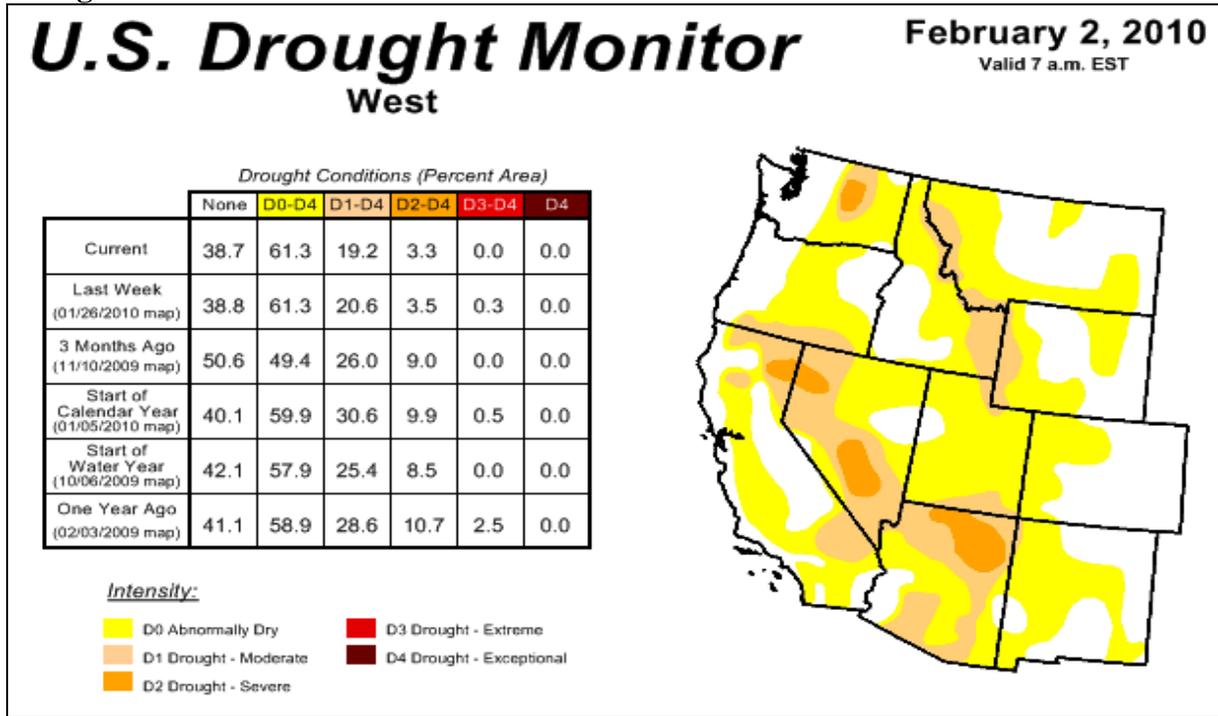
Source: (1) US Bureau of Reclamation (BOR) January 4, 2010; (2) BOR February 1, 2010; (3) NRCS December 31, 2009; (4) NRCS January 31, 2010.

Snowpack Conditions

Winter snowpack continued to lag across the HSA. For the current Water Year to date the snow water equivalent across the HSA as a whole was at 57% of normal the end of January.

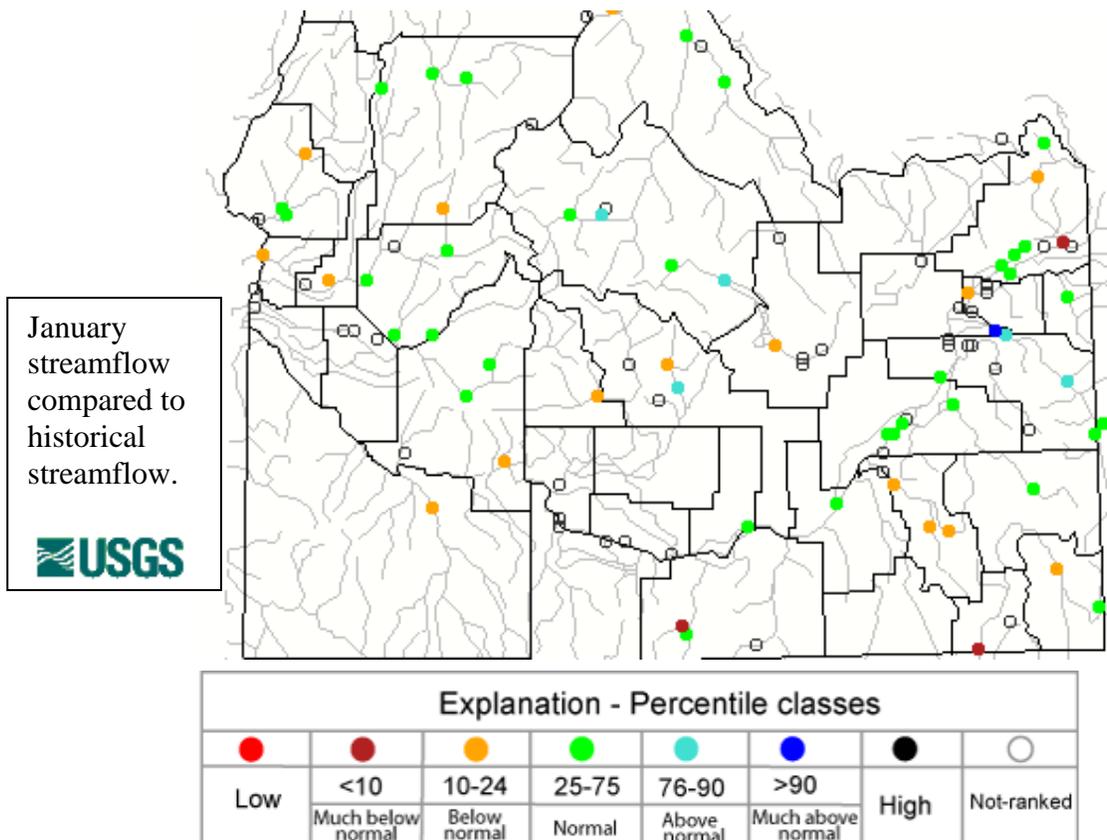


Drought



Moderate drought continued over the eastern portion of the HSA due to well below normal winter snowpack.

River/Stream Conditions



Ice caused some stream gages to show erratic and unreliable data from time to time.

January 2010 Hydrologic Product Summary

Product	Number Issued
Flood Watch for Flash Flooding	0
Flash Flood Warning	0
Flash Flood Statement	0
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: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
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