

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: October 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: November 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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Summary

October precipitation was generally above normal across the Hydrologic Service Area. Some of the most notable precipitation events that occurred were on October 4th and 5th when 6 to 12 inches of snow accumulated across much of the central mountains above 7000 feet and rainfall amounts from 1.00" to 1.50" occurred across lower elevations of Blaine County. On the 13th and 14th widespread rainfall amounts of .25" to .50" occurred across low elevations. October 29th and 30th snowfall of 5 to 9 inches occurred across much of the Upper Snake Highlands.

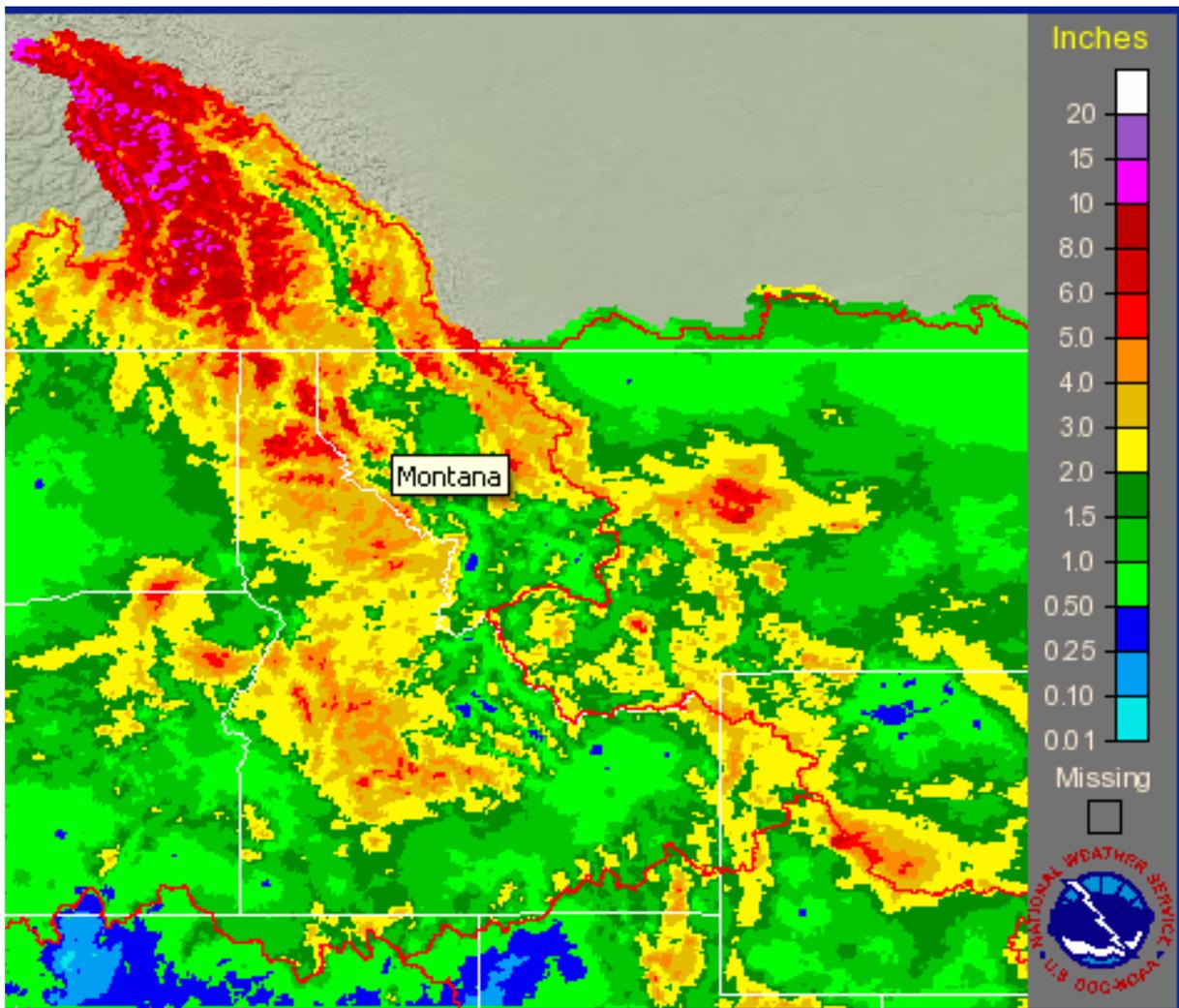
Other Hydrologic Interests

Precipitation

Precipitation was above normal for the majority of stations. Total precipitation for the 46 reporting stations with climate data was 150% of normal according to Western Region Climate Center data. Thirty-six stations reported above normal precipitation with Idaho Falls 46W ranking highest in percent above normal at 357% and 1.82" of precipitation. In contrast, Hamer received .15" of precipitation, only 24% of normal. Four precipitation records were established in October.

Station	Record
Idaho Falls 46W COOP	1.82" total for the month of October exceeded the previous record of 1.67" set in 1983.
Picabo COOP	2.45" total for the month of October exceeded the previous record of 2.09" set in 1989.
Burley ASOS	.53" on October 4 th broke the previous daily record of .52" set in 2008.
Stanley ASOS	.27" on October 14 th broke the previous record of .26" set in 1971.

October 2009 Precipitation Records



October 2009 Observed Precipitation. From NWRFC

Reservoirs

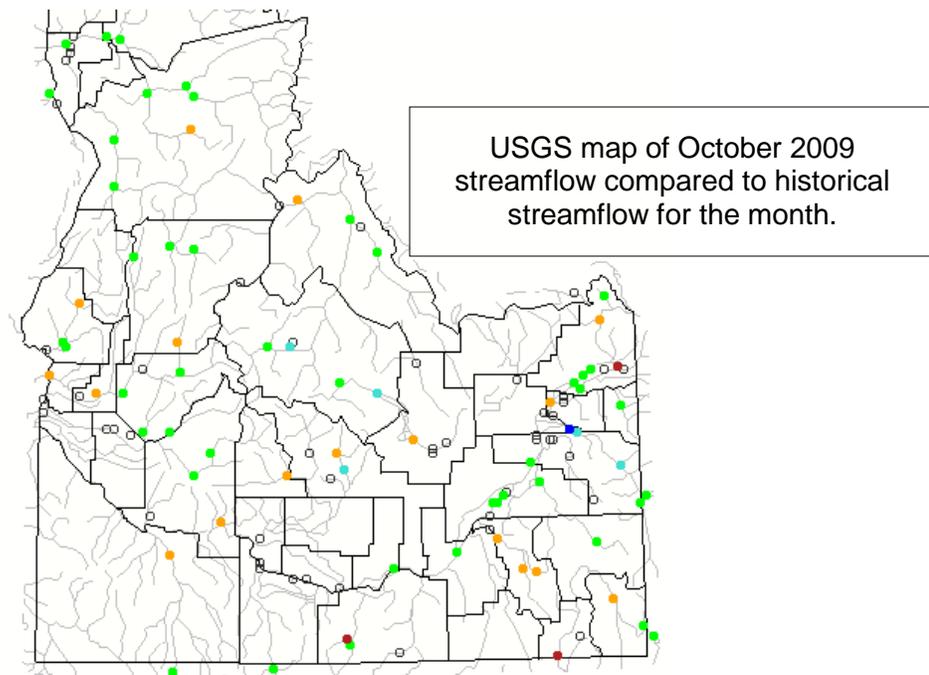
The Upper Snake River Basin reservoir system was at 58% of capacity November 1, up 4% from September 30, 2009. Last year at end of October the Upper Snake River Basin reservoir system was at 46% of capacity.

Reservoir	% Capacity September 30 ³	% Capacity October 31 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	34	47	+13	125	167
Bear Lake	38	37	-1	56	153
Blackfoot	51	52	+1	90	243
Henry's Lake	92 ¹	92	0	106	102
Island Park	61	67	+6	115	115
Little Wood	31	43	+12	154	582
Mackay	34	44	+10	166	280
Magic	28	33	+5	94	477
Oakley	23	25	+2	86	152
Palisades	58	62 ²	+4	98	156
Ririe	75	54	-19	130	100
Lake Walcott	97 ¹	39 ²	-58	n/a	n/a
Milner	93 ¹	67 ²	-26	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR) September 30, 2009; (2) BOR November 1, 2009; (3) NRCS September 30, 2009; (4) NRCS October 31, 2009.

River Conditions

According to the USGS, streamflow in October compared to historical flows was normal to above normal for most of the area.



Explanation - Percentile classes							
●	●	●	●	●	●	●	○
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

October 2009 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 (River Forecast Point)	0
Flood Statement (River Flooding)	0
Flood Advisory	0
Hydrologic Statement (River Statement)	0

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
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