

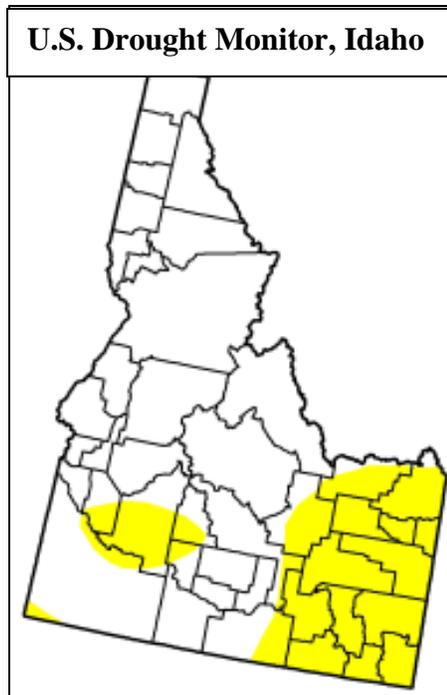
NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: September YEAR: 2010
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Troy Lindquist Service Hydrologist
	DATE: October 10, 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

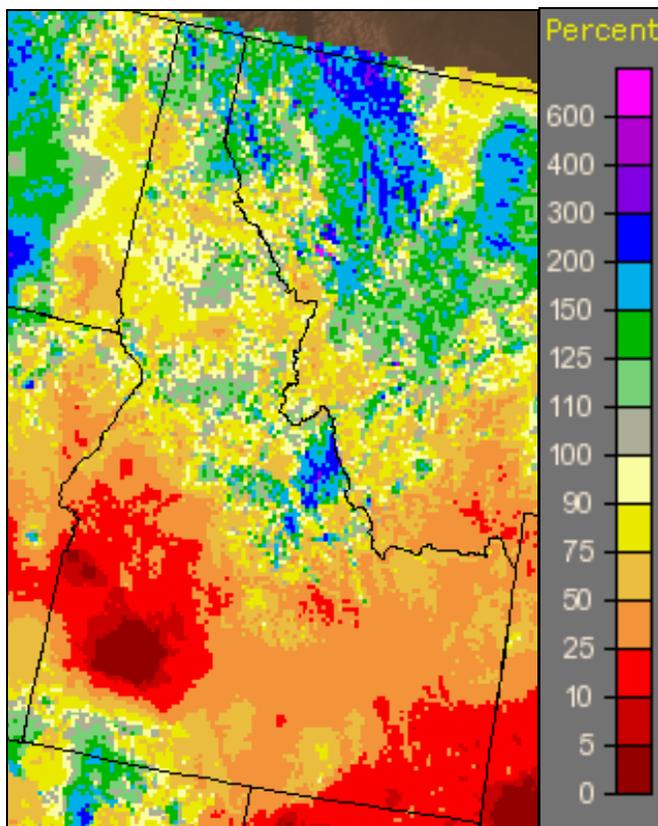
Despite a number of weather systems passing over the area during the first three weeks of the month, September was quit dry across eastern Idaho. Below normal precipitation was reported at 41 out of 45 climate stations across the Hydrologic Service Area and 33 of those stations received less than 50 percent of normal. The most significant precipitation event occurred on the 8th and 9th as a cold front moved through the area. Scattered precipitation amounts of .25” to .50” occurred with isolated amounts up to 1.25”. Enough cold air accompanied the system to produce 3 to 6 inches of snow across parts of the Raft River Range above 6800 feet and around 1 inch of snow in the central mountains near Challis. Otherwise, weather systems brought light precipitation amounts with limited coverage through mid month. Strong high pressure dominated the last week of September resulting in unseasonably warm temperatures and very dry conditions.

Other Hydrologic Interests



October 5, 2010

Precipitation



September 2010 Precipitation % of Normal

Below normal monthly precipitation occurred at 41 out of 45 COOP and ASOS stations with climate data across eastern Idaho for September.

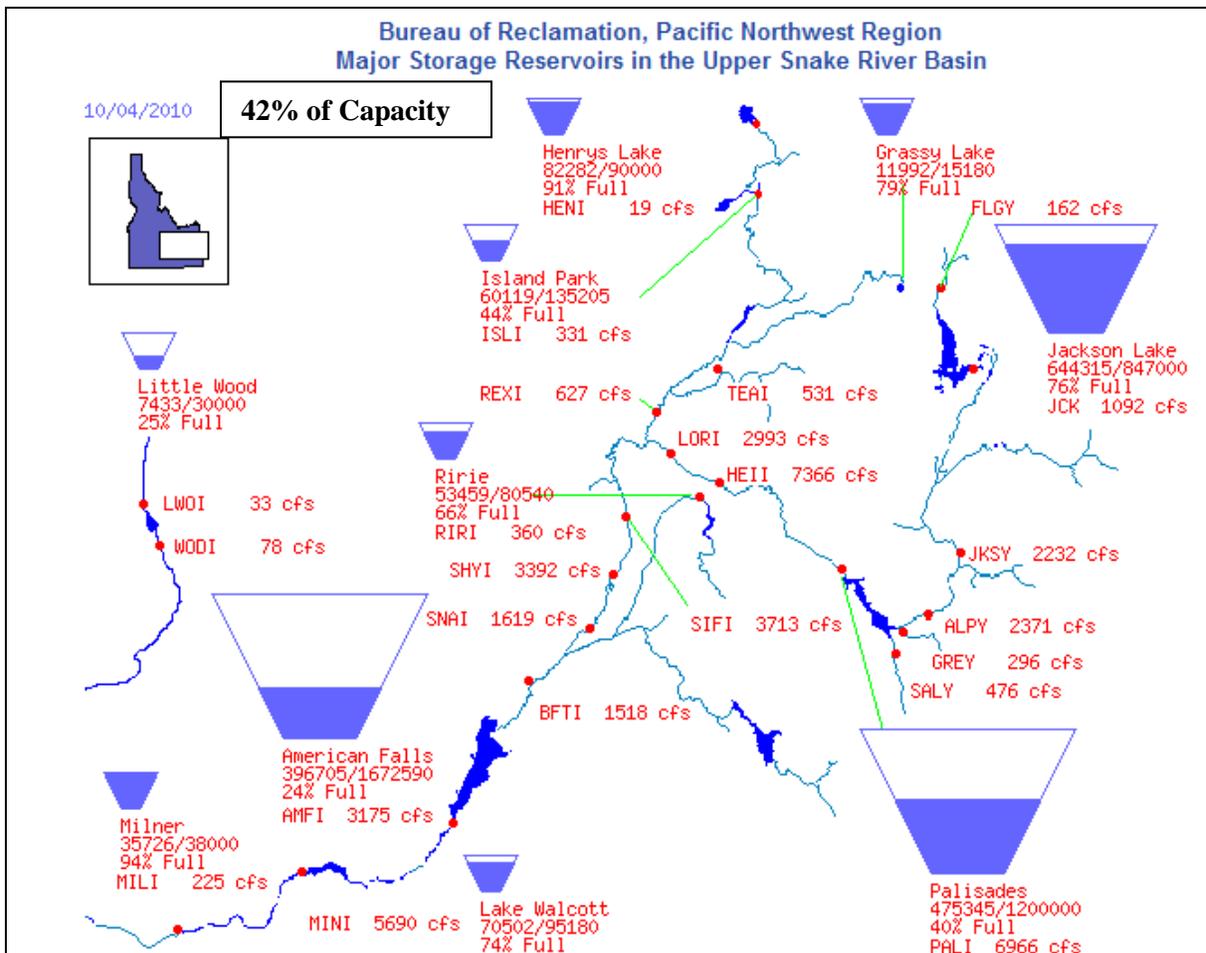
Records were tied or established for lowest monthly totals at three COOP locations:

- Bern: received .25" for the month. Previous record was .26".
- Pocatello 2 NE: received .06" for the month. Previous record was .06".
- Shoshone: received 0.00" for the month. Previous record was 0.00".

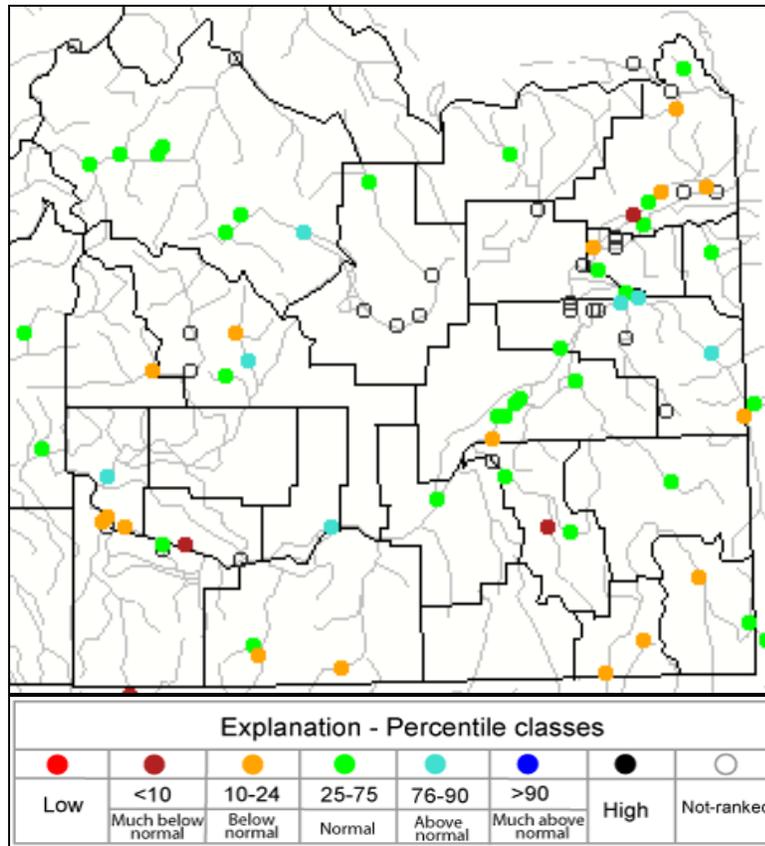
Reservoirs

Reservoir	% Capacity August 31 ³	% Capacity Sept. 30 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	40	24	-16	76	71
Bear Lake	38	36	-2	53	95
Blackfoot	56	51	-5	90	101
Henry's Lake	92	91	-1	108	532
Island Park	46	44	-2	87	72
Little Wood	39	26	-13	118	84
Mackay	59	48	-11	279	141
Magic	48	34	-14	108	123
Oakley	19	14	-5	50	60
Palisades	63	50	-13	75	78
Ririe	92	70	-22	129	93
Lake Walcott	99 ¹	99 ²	-2	n/a	n/a
Milner	97 ¹	97 ²	3	n/a	n/a

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



Streamflow



Monthly streamflow compared to historical streamflow for September, 2010.


September, 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	0

cc: Dave Streubel, Western Region HCSD
 Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
 Hydrometeorological Information Center
 Rick Dittmann, Meteorologist in Charge, Pocatello, Idaho
 Jay Breidenbach, Senior Service Hydrologist, Boise, Idaho
 Pocatello WFO Forecasters and HMTs