

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: August 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: September 13, 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.

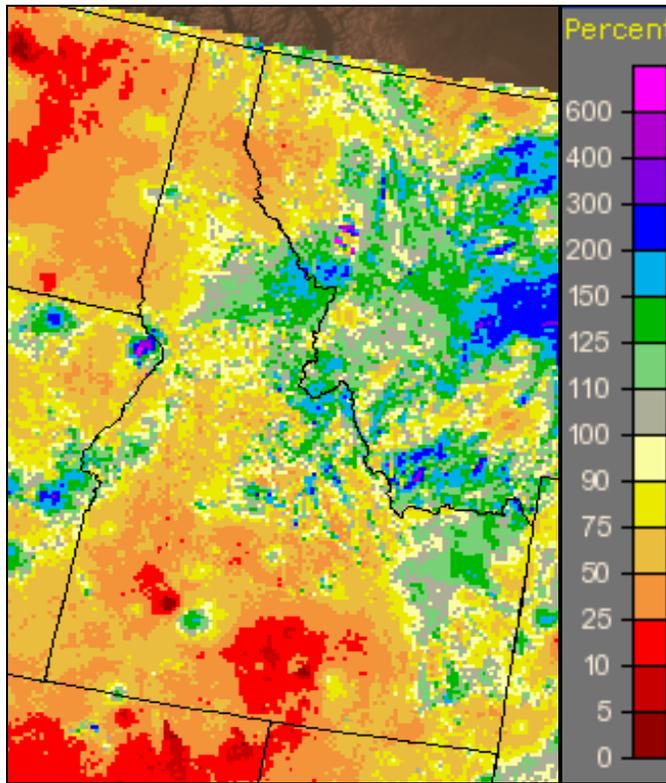
Summary

Seasonably dry and warm conditions characterized the month of August for eastern Idaho. Daytime heating and occasional weather disturbances produced showers and thunderstorms on a number of days. Locally heavy rain occurred with some storms but in general moisture was lacking and rainfall was light and limited in areal coverage, especially across the lower valleys. Water storage in reservoirs as a whole was above normal for the month while streamflow was near normal.

August 5 – thunderstorms produced heavy rain which caused a mud and debris flow across Highway 75 about 9 miles south of Challis near Bayhorse Creek. The road was temporarily closed while debris was cleared.

Other Hydrologic Interests

Precipitation



Below normal monthly precipitation occurred at 20 out of 41 COOP and ASOS stations with climate data across eastern Idaho for August. No precipitation records were established during the month.

August 2010 Precipitation % of Normal

Reservoirs

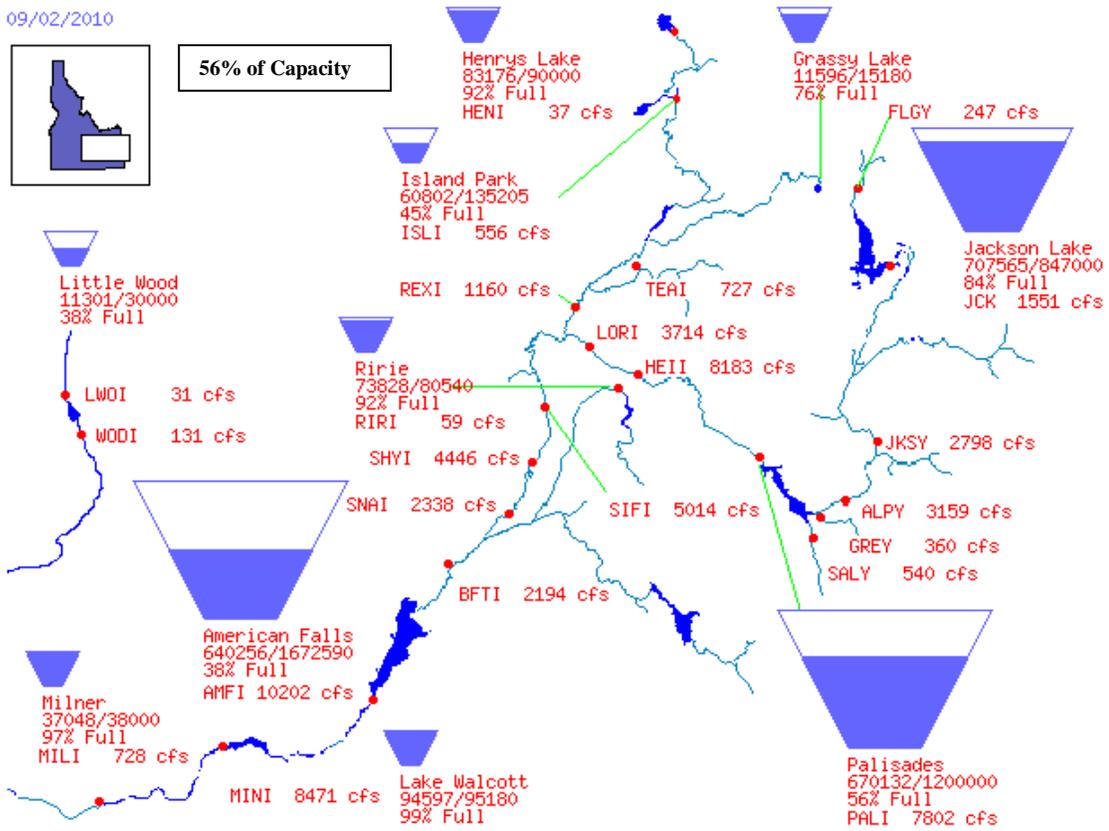
Reservoir	% Capacity July 31³	% Capacity August 31⁴	Percent Change	% of Average⁴	% of Last Year⁴
American Falls	66	40	-24	100	82
Bear Lake	44	38	-6	54	95
Blackfoot	65	56	-9	93	104
Henry's Lake	95	92	-3	107	99
Island Park	69	46	-23	85	68
Little Wood	71	39	-32	134	82
Mackay	78	59	-19	261	114
Magic	69	48	-21	109	100
Oakley	26	19	-7	57	65
Palisades	82	63	-19	86	84
Ririe	97	92	-5	127	97
Lake Walcott	101 ¹	99 ²	-2	n/a	n/a
Milner	94 ¹	97 ²	3	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR) August 8, 2010; (2) BOR September 2, 2010; (3) NRCS July 31, 2010; (4) NRCS August 31, 2010.

09/02/2010

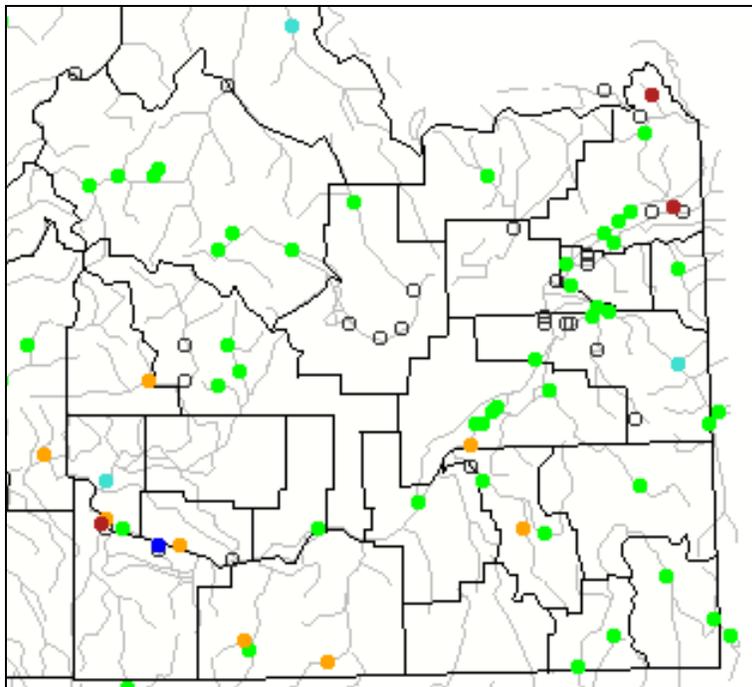


56% of Capacity



PROVISIONAL DATA - SUBJECT TO CHANGE!

Streamflow



Monthly streamflow compared to historical streamflow for August, 2010.

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		



August 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	2
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
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Pocatello WFO Forecasters and HMTs