

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: 2007
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Sherrie Hebert Service Hydrologist
DATE: November 9, 2007	

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.

The 2008 Water Year opened with a bang in October being one of the wettest series of storms in months. No flooding was reported, however, numerous precipitation records were broken across Eastern Idaho.

Other Hydrologic Interests

Precipitation

Precipitation was more than twice the normal for much of the Pocatello Hydrologic Service Area (HSA) in October. The entire HSA received an average of 240% of normal precipitation in October for 40 of 43 reporting stations with climate data, according to Western Region Climate Center data. Within in the abundant precipitation amounts were 18 separate records, including five October monthly precip totals and a one-day greatest precipitation amount at Stanley since records began in 1916. The records follow. Of the 40 reporting stations, only two were less than normal, which were only a few percentage points from normal.

Station	Date	New Record	Old Record	Year
Burley	4	0.20	0.19	2002
	5	0.63	0.14	1967
	16	0.22	0.11	1990
Challis	19	0.24	0.13	1979
	20	0.02	tie	1961
Idaho Falls	6	0.70	0.53	1990
	17	0.43	0.25	1949
Pocatello (snowfall)	5	0.52	0.42	1967
	6	0.26	0.25	1992
	6	1.10	0.20	1941
Stanley	3	0.16	0.08	1967
Record 1-Day Total	19	2.08	2.00	2001
Blackfoot	Monthly	3.04	2.65	1961
Burley 2 S	Monthly	2.02	1.95	1956
Chilly Barton Flats	Monthly	2.17	1.93	2000
Idaho Falls	Monthly	2.90	2.49	1974
Picabo	Monthly	2.70	2.09	1989

River Levels & Snowpack

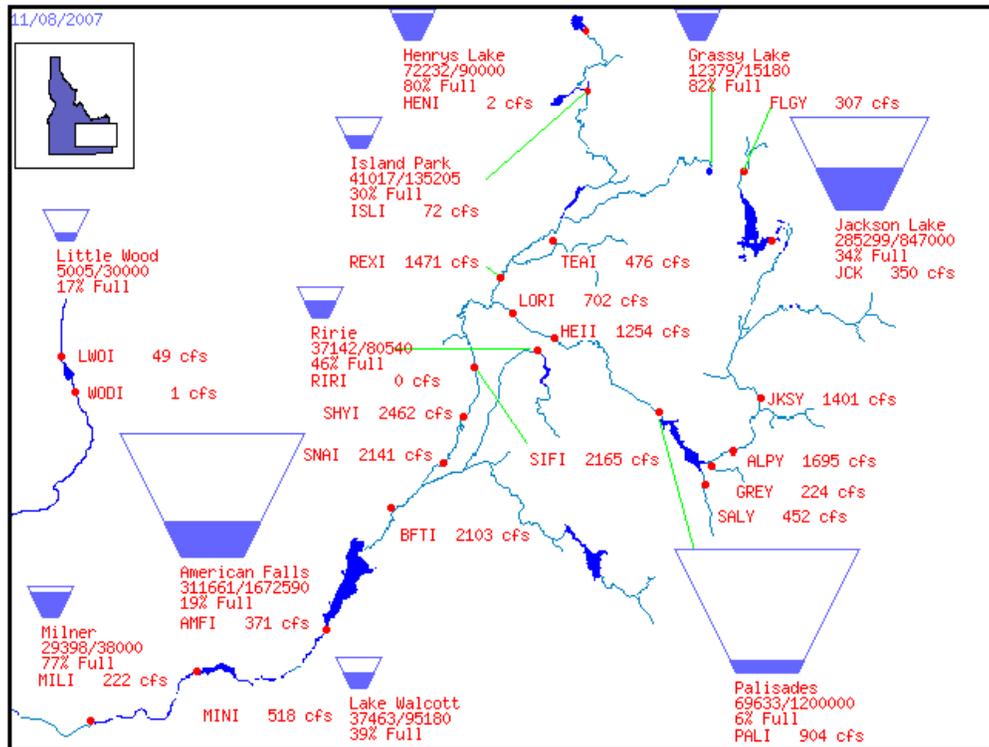
Eastern Idaho river levels averaged 60% to 80% of normal, with the exception of the Little Wood River at Carey, which is only 3% of normal.

Drought

Idaho held steady on the Drought Monitor through September in the D2, "Severe," and D3, "Extreme" rankings. No additional Eastern Idaho counties were added to the Idaho Emergency Drought Declaration list.

Reservoirs

The Upper Snake River reservoir system is at 20% of capacity¹, up 8% from October 9, 2007.



US Bureau of Reclamation Upper Snake Teacup Diagram, November 9, 2007.

October 2007 Hydrologic Product Summary

The following hydrologic products were issued in September.

Product	Number Issued
Flash Flood Warning	0
Flash Flood Statement	0
Flood Watch for Flash Flooding	3
Flood Warning	0
Flood Statement	0
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	0
Hydrologic Statement	0
NOW or Special Weather Statement (with information related to flooding)	0

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
Hydrometeorological Information Center
Rick Dittman, Meteorologist in Charge, Pocatello, Idaho
Jay Breidenbach, Service Hydrologist, Boise, Idaho
Drought Monitor Mailing List
Pocatello WFO Forecasters and HMTs