

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: 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: October 7, 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

September was fairly typical across the Hydrologic Service Area. A number of weather systems moved across the area and resulted in a few days with showers and thunderstorms. Otherwise, dry conditions dominated during the transition to autumn. A strong cold front moved across Idaho the end of the month and brought the first taste of cool autumn weather to the area. No flooding was reported across the Hydrologic Service Area during September.

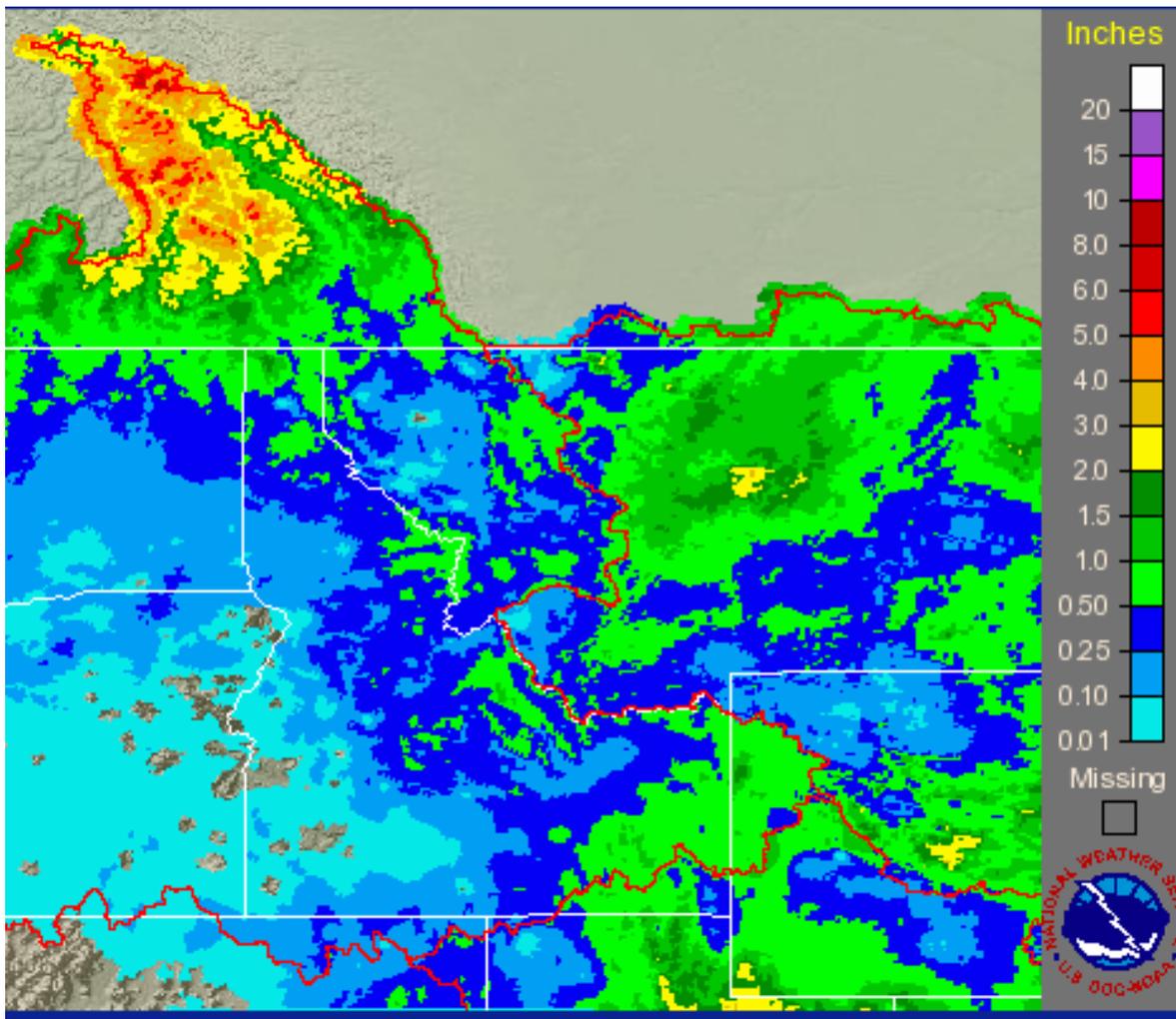
Other Hydrologic Interests

Precipitation

Rainfall in September was generally below normal. Of the 33 reporting stations with climate data, precipitation was 60 percent of normal according to Western Region Climate Center data. Six stations reported above normal precipitation. The Hamer station led the way at 164% of normal with .97". In contrast, the Swan Valley station only received 8% of normal with .17". Three precipitation records were established in September.

Station	Record
Pocatello ASOS	.60" on September 14 broke the previous record of .32" set in 1959
Stanley ASOS	.37" on September 29 broke the previous record of .17" set in 1991
Bern COOP	.17" total for the month broke the previous minimum monthly record of .26" set in 2001.

September, 2009 Precipitation Records



September, 2009 Observed Precipitation. From NWRFC

Reservoirs

The Upper Snake River Basin reservoir system was at 54% of capacity September 30, down 12% from September 1, 2009.

Reservoir	% Capacity August 31 ³	% Capacity September 30 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	49	34	-15	108	239
Bear Lake	40	38	-2	56	152
Blackfoot	54	51	-3	90	245
Henry's Lake	93	17	-76	20	19
Island Park	67	61	-6	120	118
Little Wood	48	31	-17	141	860
Mackay	52	34	-18	197	461
Magic	48	28	-20	88	593
Oakley	29	23	-6	83	147
Palisades	75	64	-11	96	139
Ririe	94	75	-19	138	10
Lake Walcott	101 ¹	97 ²	-4	n/a	n/a
Milner	98 ¹	98 ²	0	n/a	n/a

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

River Conditions

River levels were near normal across the Hydrologic Service Area.

September 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	1
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
Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
Hydrometeorological Information Center
Rick Dittman, Meteorologist in Charge, Pocatello, Idaho
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Pocatello WFO Forecasters and HMTs