

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE <b>MONTHLY REPORT OF          RIVER AND FLOOD CONDITIONS</b>	<b>HYDROLOGIC SERVICE AREA:</b> <b>Pocatello, Idaho</b>
	<b>REPORT FOR:</b> <b>MONTH: July YEAR: 2008</b>
<b>TO:</b> Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	<b>SIGNATURE</b>  Daniel Valle Hydrology Focal Point
<b>DATE: August 12, 2008</b>	
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).	

	<b>An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.</b>
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Dry conditions prevailed for the month of July across the Pocatello Hydrologic Service Area with numerous low precipitation records observed. A strong thunderstorm occurred over Stanley, Idaho on July 22<sup>nd</sup>, which set a new rainfall record for the day of 0.36 inches. This storm produced flash flooding that submerged the deck at Galena Lodge in Blaine County and produced eight rock and mudslides closing Highway 93 northwest of Stanley. No injuries or fatalities were reported, however, total damages were \$1900. Extensive road damage was reported in Lemhi County, which is outside of the Pocatello HSA.

**Other Hydrologic Interests**

**Precipitation**

Precipitation was below normal for the Pocatello Hydrologic Service Area (HSA) in July. The entire HSA was only 19% of normal for 40 of 46 reporting stations with climate data, according to Western Region Climate Center data. All stations were below normal for the month. Stanley ASOS was the closest to normal at 86%. Thirty-three stations recorded less than 50% of normal. Six stations received no precipitation while four others received just a trace of precipitation. Stations setting new monthly records for low precipitation include Bern, Preston and Shoshone, while six tied low-precip records, as shown below. As noted above, the Stanley ASOS set a new daily precipitation record on July 22<sup>nd</sup>.

<b>Station</b>	<b>Record</b>
Bern	0.05 inches breaks old record of 0.10 inches set in 1994
Preston	0.04 inches breaks old record of 0.05 inches set in 1966
Soda Springs	0.03 inches breaks old record of 0.06 inches set in 1978
Arco Airport	tied 1949
Ketchum RS	tied 1981
Minidoka Dam	tied 1963
Picabo	tied 1958
Richfield	tied 1959
Shoshone	tied 1933

## Reservoirs

The Upper Snake River reservoir system is at 68% of capacity<sup>1</sup>, down 17% from June 8, 2008<sup>2</sup>.

Reservoir	% Capacity June 30 <sup>3</sup>	% Capacity July 31 <sup>4</sup>	Percent Change	% of Average <sup>4</sup>	% of Last Year <sup>4</sup>
American Falls	74	41	-33	67	185
Bear Lake	37	33	-4	45	97
Blackfoot	39	30	-9	44	94
Henry's Lake	100	95	-5	104	109
Island Park	96	79	-17	106	195
Little Wood	67	32	-35	60	229
Mackay	76	42	-34	75	142
Magic	53	31	-22	50	136
Oakley	39	28	-11	70	74
Palisades	86	93	7	113	299
Ririe	91	88	-3	106	127
Lake Walcott	98 <sup>2</sup>	100 <sup>1</sup>	+2	n/a	n/a
Milner	101 <sup>2</sup>	99 <sup>1</sup>	-2	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), August 5, 2008; (2) BOR July 8, 2008; (3) NRCS, June 30, 2008; (4) NRCS, July 31, 2008.

## River Levels

Rivers across Eastern Idaho are running near normal for this time of year.

## Drought

No changes were made to the Drought Monitor in July.

## July 2008 Hydrologic Product Summary

<b>Product</b>	<b>Number Issued</b>
Flash Flood Warning	2
Flash Flood Statement	2
Flood Watch for Flash Flooding	3
Flood Warning	0
Flood Statement	0
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Warning	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	1
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  
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Jay Breidenbach, Service Hydrologist, Boise, Idaho  
Drought Monitor Mailing List  
Northwest River Forecast Center  
Pocatello WFO Forecasters and HMTs