

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: August 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: September 10, 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>X</b>	<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 August across the Pocatello Hydrologic Service Area with low precipitation records observed at Aberdeen, Minidoka Dam, Picabo and Shoshone. A strong thunderstorm occurred over Idaho Falls, Idaho on August 8th, which set a new rainfall record for the day of 0.40 inches. Flooding was not reported with this storm.

**Other Hydrologic Interests**

**Precipitation**

Precipitation was below normal for the Pocatello Hydrologic Service Area (HSA) in August. The entire HSA was only 57% of normal for 43 of 50 reporting stations with climate data, according to Western Region Climate Center data. Nine stations were above normal for the month. Lifton Pumping Stations was the highest above normal at 177%. Twenty-nine stations recorded less than 50% of normal. Seven stations received no precipitation. Four stations tied low-precip records, as shown below. As noted above, the Idaho Falls ASOS set a new daily precipitation record on August 8th.

<b>Station</b>	<b>Record</b>
Aberdeen	Tied 1914
Minidoka Dam	Tied 1952
Picabo	Tied 1958
Shoshone	Tied 1934

## Reservoirs

The Upper Snake River reservoir system is at 47% of capacity<sup>1</sup>, down 21% from August 5, 2008<sup>2</sup>.

Reservoir	% Capacity July 31 <sup>3</sup>	% Capacity August 31 <sup>4</sup>	Percent Change	% of Average <sup>4</sup>	% of Last Year <sup>4</sup>
American Falls	41	21	-20	52	693
Bear Lake	33	28	-5	39	97
Blackfoot	30	24	-6	39	96
Henry's Lake	95	93	-2	108	113
Island Park	79	59	-20	109	251
Little Wood	32	6	-26	20	340
Mackay	42	12	-30	54	208
Magic	31	5	-26	12	63
Oakley	28	20	-8	61	70
Palisades	93	65	-28	89	370
Ririe	88	83	-5	115	135
Lake Walcott	100 <sup>2</sup>	99 <sup>1</sup>	-1	n/a	n/a
Milner	99 <sup>2</sup>	94 <sup>1</sup>	-5	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), September 10, 2008; (2) BOR August 5, 2008; (3) NRCS, July 31, 2008; (4) NRCS, August 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 August.

# U.S. Drought Monitor Idaho

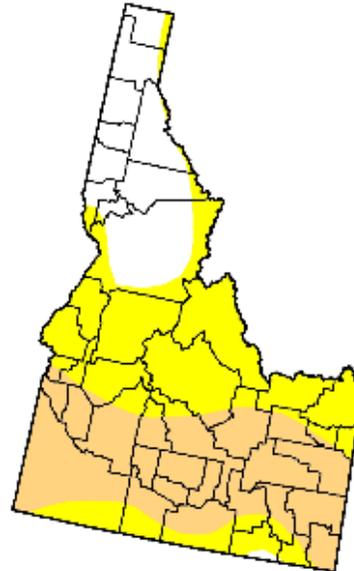
September 2, 2008  
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	20.9	79.1	37.8	0.0	0.0	0.0
Last Week (08/26/2008 map)	20.9	79.1	37.8	0.0	0.0	0.0
3 Months Ago (06/10/2008 map)	39.1	60.9	35.6	0.0	0.0	0.0
Start of Calendar Year (01/01/2008 map)	0.5	99.5	88.7	51.3	0.0	0.0
Start of Water Year (10/02/2007 map)	0.0	100.0	100.0	100.0	34.1	0.0
One Year Ago (09/04/2007 map)	0.0	100.0	100.0	100.0	30.2	0.0

Intensity:

 D0 Abnormally Dry	 D3 Drought - Extreme
 D1 Drought - Moderate	 D4 Drought - Exceptional
 D2 Drought - Severe	



The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. See accompanying text summary  
for forecast statements

<http://drought.unl.edu/dm>



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## August 2008 Hydrologic Product Summary

<b>Product</b>	<b>Number Issued</b>
Flash Flood Warning	2
Flash Flood Statement	4
Flood Watch for Flash Flooding	1
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	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  
Northwest River Forecast Center  
Pocatello WFO Forecasters and HMTs