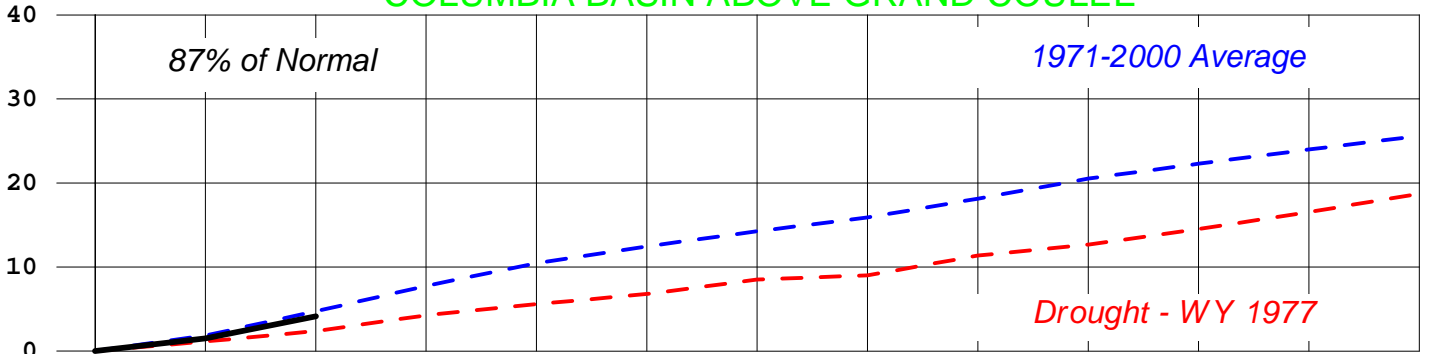
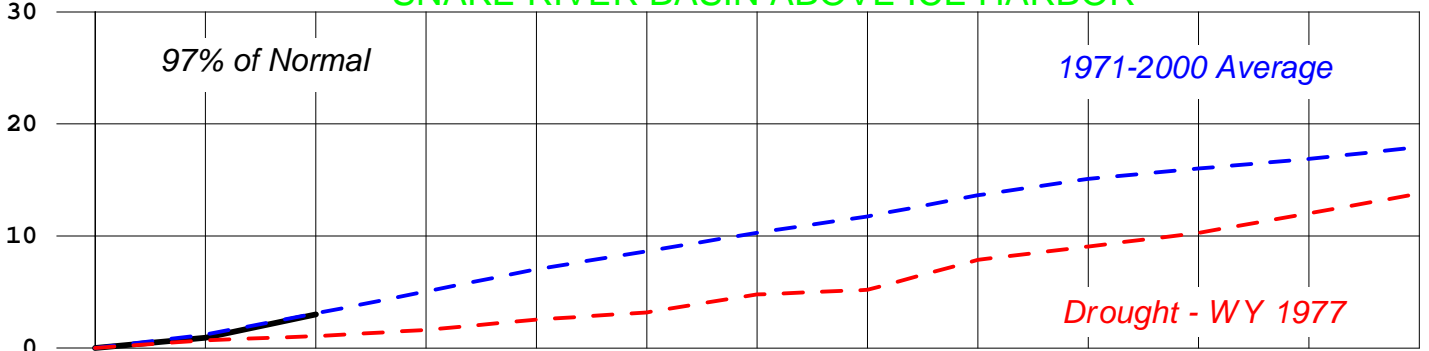


CUMULATIVE PRECIPITATION WATER YEAR 2009

COLUMBIA BASIN ABOVE GRAND COULEE



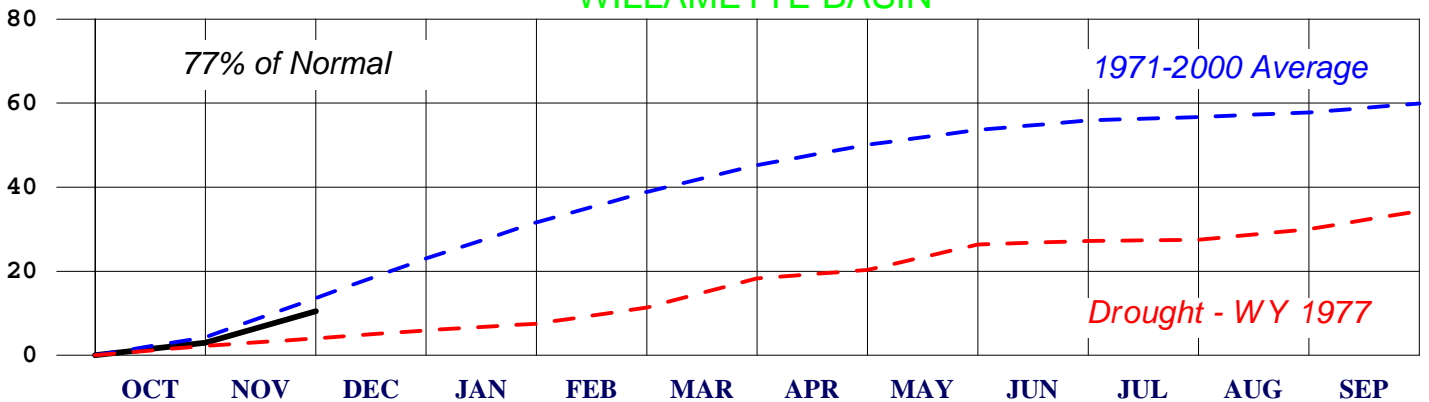
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

\$\$

Monthly Divisional Precipitation Summary

Click on date to display forecast:

11/2008

Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - 20)

DIVISION	..NOV TO DAY 30..		OCT - NOV....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT AV
COLUMBIA ABOVE COULEE	2.63	-0.25	91.	4.14	-0.59	87.
SNAKE RV AB ICE HARBOR	2.09	0.21	111.	3.00	-0.08	97.
COLUMBIA AB THE DALLES	2.91	0.08	103.	4.21	-0.28	94.
COLUMBIA AB CASTLEGAR	3.98	-0.05	99.	6.98	0.15	102.
KOOTENAI	2.50	-0.59	81.	3.86	-1.08	78.
CLARK FORK	2.15	0.44	126.	2.90	0.01	100.
FLATHEAD	2.10	-0.31	87.	3.00	-1.09	73.
PEND OREILLE/ SPOKANE	3.40	-0.75	82.	4.54	-1.75	72.
NORTHEAST WASHINGTON	2.10	-0.12	95.	3.04	-0.33	90.
OKANOAGAN	1.72	-0.05	97.	2.55	-0.23	92.
EAST SLOPES WASH CASC.	7.10	0.52	108.	8.84	-0.53	94.
CENTRAL WASHINGTON	1.20	-0.01	99.	1.57	-0.25	86.
UPPER SNAKE	2.45	0.50	126.	3.82	0.36	110.
SNAKE RIVER PLAIN	1.28	0.20	118.	2.10	0.16	108.
OWYHEE/ MALHEUR	1.11	-0.09	93.	1.98	0.04	102.
SALMON/ BOISE/ PAYETTE	2.29	-0.12	95.	2.83	-0.82	78.
BURNT/ GRANDE RONDE	1.65	-0.33	84.	2.23	-0.80	74.
CLEARWATER	4.44	0.82	123.	5.75	-0.04	99.
SOUTHEAST WASHINGTON	2.49	-0.05	98.	2.98	-1.01	75.
UPPER JOHN DAY	1.47	-0.30	83.	2.03	-0.70	74.
UMATILLA/ LWR JOHN DAY	1.65	-0.51	77.	2.20	-1.13	66.
UPR DESCHUTES/ CROOKED	1.53	-0.47	77.	2.16	-0.76	74.
HOOD/ LOWER DESCHUTES	4.52	0.13	103.	6.13	-0.32	95.
NW SLOPE WASH CASCADES	14.75	0.98	107.	19.03	-2.10	90.
SW WA CASCADES/COWLITZ	11.35	0.30	103.	14.84	-1.74	90.
WILLAMETTE VALLEY	7.46	-1.86	80.	10.45	-3.16	77.
ROGUE/ UMPQUA	4.76	-1.02	82.	6.04	-2.30	72.
KLAMATH BASIN	2.02	-0.62	77.	2.97	-0.82	78.
LAKE COUNTY-GOOSE LAKE	0.98	-0.47	68.	1.34	-0.96	58.
HARNEY/ MALHEUR BASIN	1.17	-0.05	96.	1.82	-0.19	90.

Columbia River Basin division values are computed by utilizing un-weighted precipitation amounts from key stations in each area.

Precipitation normals are based on 1971-2000 historical data.

Please contact NWRFC for further information: (503) 326-7291.

NORTHWEST RIVER FORECAST CENTER PORTLAND OR !

PRECIPITATION, TEMPERATURE, SNOW, AND STREAMFLOW SUMMARIES !

nov 08

WEATHER SUMMARY !

high pressure resided over the southwest for a large part of november...which

helped to bring warm...moist weather into the northwest. dynamic strong upper level flow also helped the northwest...mainly west of the cascades...realize moderate to heavy rain at times.

PRECIPITATION SUMMARY !

Seasonal (October through November) precipitation was: 89 percent of normal (1971-2000) at Columbia above Coulee, 97 percent of normal at the Snake River above Ice Harbor, and 95 percent of normal at Columbia above the Dalles.

TEMPERATURE SUMMARY

The 31 station temperature index for the Pacific Northwest departed +5.3 degrees from normal relative to the 1971-2000 normals. Mean temperature departures ranged from 1.5 to 11.9 degrees.

MONTHLY PRECIPITATION AND TEMPERATURE RECORDS !

Partial list of record high and low temperatures in degrees (F) are listed below. Precipitation is reported in inches.

Please see the complete list of records at the National Weather Service Field Offices Climatology Web pages.

Records for November 2008

- 1106 RECORD RAINFALL OF 3.30 INCHES WAS SET AT THE QUILLAYUTE WA AIRPORT.
RECORD RAINFALL OF 1.15 INCHES WAS SET AT THE SEATTLE WA WFO.
- 1107 RECORD RAINFALL OF 4.07 INCHES WAS SET AT THE QUILLAYUTE WA AIRPORT.
- 1108 RECORD HIGH TEMPERATURE OF 63 DEGREES WAS SET AT THE SEATTLE WA WFO.
- 1112 RECORD HIGH TEMPERATURE OF 61 DEGREES WAS SET AT CHIEF JOSEPH DAM WA.
RECORD HIGH TEMPERATURE OF 74 DEGREES WAS SET AT THE DALLES OR.

RECORD HIGH TEMPERATURE OF 71 DEGREES WAS SET AT YAKIMA WA.
RECORD RAINFALL OF 0.87 INCHES WAS SET AT MISSOULA MT.
RECORD RAINFALL OF 4.12 INCHES WAS SET AT PLAIN WA.
RECORD RAINFALL OF 1.57 INCHES WAS SET AT PULLMAN WA.
RECORD RAINFALL OF 2.36 INCHES WAS SET AT THE QUILLAYUTE WA AIRPORT.
RECORD RAINFALL OF 2.77 INCHES WAS SET AT THE HOQUIAM WA AIPORT.

1113 RECORD RAINFALL OF 0.29 INCHES WAS SET AT BUTTE MT.

1114 RECORD HIGH TEMPERATURE OF 68 DEGREES WAS SET AT YAKIMA WA.

1115 RECORD HIGH TEMPERATURE OF 70 DEGREES WAS SET AT NORTH BEND OR.

1116 RECORD HIGH TEMPERATURE OF 70 DEGREES WAS SET AT REDMOND OR.

1117 RECORD HIGH TEMPERATURE OF 75 DEGREES WAS SET AT REDMOND OR.
RECORD HIGH TEMPERATURE OF 65 DEGREES WAS SET AT KLAMATH FALLS OR.
RECORD HIGH TEMPERATURE OF 62 DEGREES WAS SET AT THE SEATTLE WA WFO.
RECORD HIGH TEMPERATURE OF 60 DEGREES WAS SET AT THE QUILLAYUTE WA AIRPORT.

1118 RECORD HIGH TEMPERATURE OF 61 DEGREES WAS SET AT BURNS OR.
RECORD HIGH TEMPERATURE OF 62 DEGREES WAS SET AT BUTTE MT.
RECORD HIGH TEMPERATURE OF 65 DEGREES WAS SET AT KALISPELL MT.
RECORD HIGH TEMPERATURE OF 64 DEGREES WAS SET AT PLUMMER ID.
RECORD HIGH TEMPERATURE OF 59 DEGREES WAS SET AT ST MARIES ID.
RECORD HIGH TEMPERATURE OF 60 DEGREES WAS SET AT STANLEY ID.

1120 RECORD HIGH TEMPERATURE OF 67 DEGREES WAS SET AT BOISE ID.
RECORD HIGH TEMPERATURE OF 55 DEGREES WAS SET AT STANLEY ID.

1129 RECORD HIGH TEMPERATURE OF 58 DEGREES WAS SET AT BURNS OR.

1130 RECORD HIGH TEMPERATURE OF 50 DEGREES WAS SET AT STANLEY ID.

National Weather Service
Northwest River Forecast Center (NWRFC)
5241 NE 122nd Avenue
Portland, Oregon 97230-1089
Telephone: 503-326-7401

[Credits](#)
[Glossary](#)
[Search](#)

[About Us](#)
[Career Opportunities](#)

Last Modified: May 17, 2007