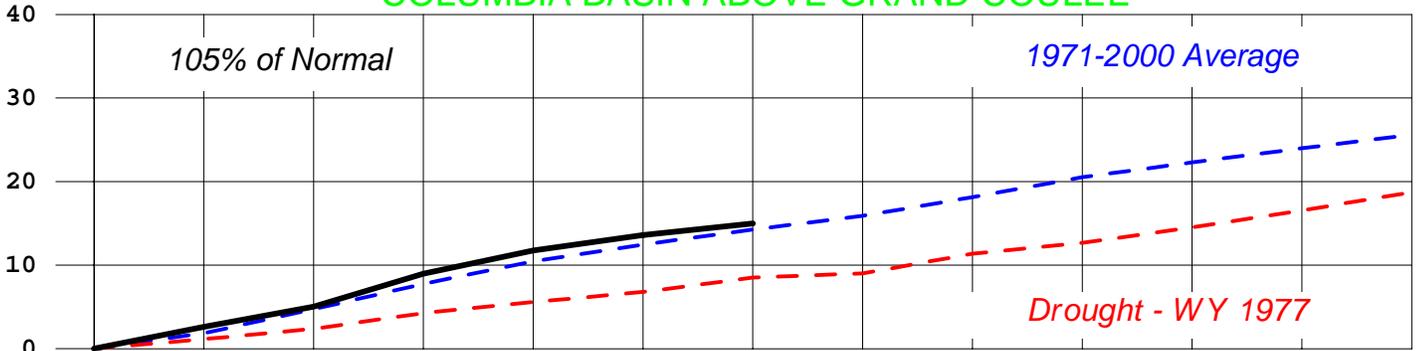
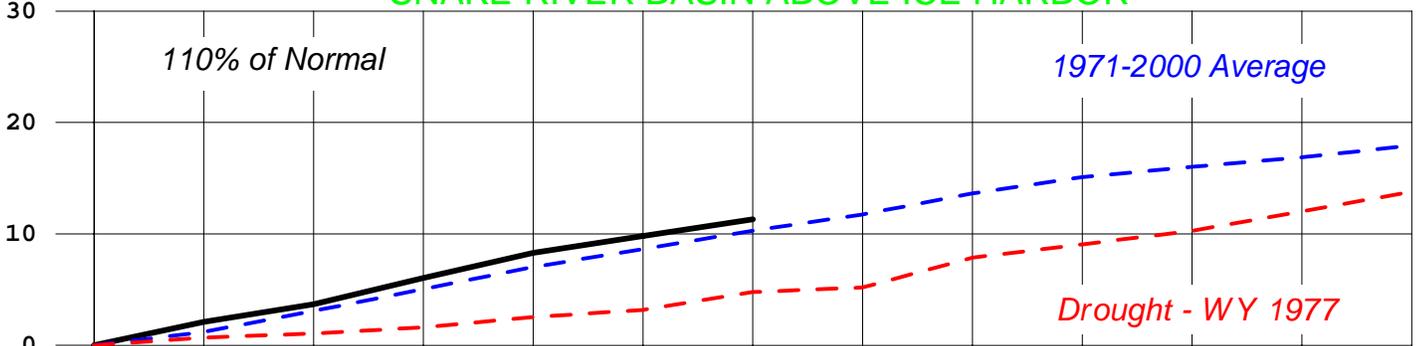


CUMULATIVE PRECIPITATION WATER YEAR 2008

COLUMBIA BASIN ABOVE GRAND COULEE



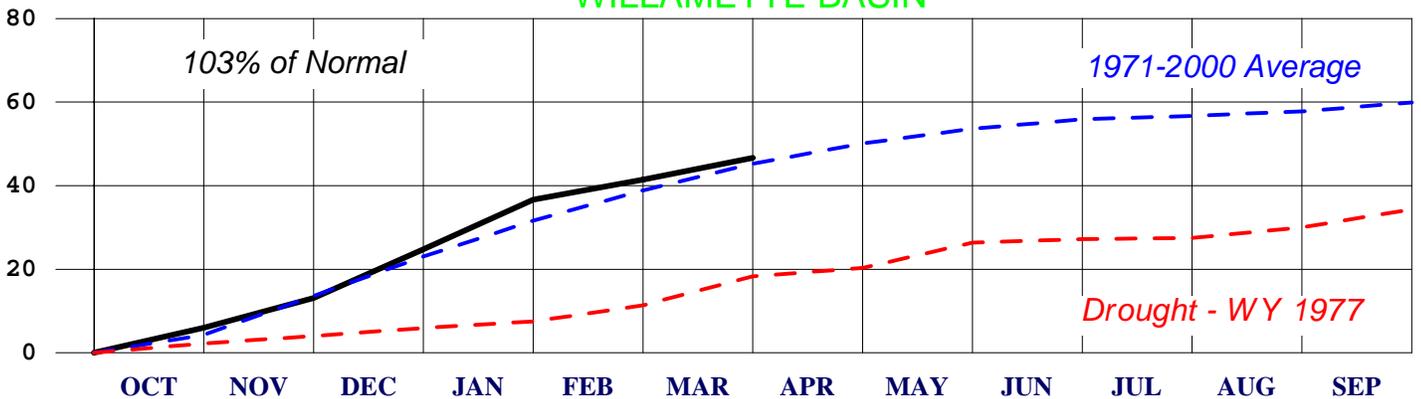
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

ROGUE/ UMPQUA	2.80	-0.39	88.	29.23	2.34	109.
KLAMATH BASIN	1.10	-0.48	70.	13.99	0.80	106.
LAKE COUNTY-GOOSE LAKE	0.43	-0.57	43.	6.14	-1.21	84.
HARNEY/ MALHEUR BASIN	0.45	-0.49	48.	5.86	-0.53	92.

This precipitation summary for the Columbia River Basin is based on analysis using a limited number of reporting stations. Final values depicted in this narrative are prorated by the number of elapsed days in the month.

Precipitation normals are based on 1971-2000 historical data.

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

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Monthly Divisional Precipitation Summary

[Click on date to display forecast:](#)

3/2008	Select Date
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Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - mar 2008)

DIVISION	..MAR TO DAY 31..		OCT - MAR....			
	OBSD	DEP	PCT AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	1.42	-0.37	79.	15.00	0.75	105.	
SNAKE RV AB ICE HARBOR	1.51	-0.14	92.	11.32	1.03	110.	
COLUMBIA AB THE DALLES	1.69	-0.23	88.	15.13	0.84	106.	
COLUMBIA AB CASTLEGAR	1.85	-0.57	76.	21.33	0.95	105.	
KOOTENAI	1.31	-0.47	73.	14.44	-0.15	99.	
CLARK FORK	1.02	-0.18	85.	10.20	1.21	113.	
FLATHEAD	1.59	-0.04	98.	12.19	0.01	100.	
PEND OREILLE/ SPOKANE	2.69	-0.08	97.	21.97	1.78	109.	
NORTHEAST WASHINGTON	1.54	-0.08	95.	10.40	-0.42	96.	
OKANOGAN	0.92	-0.19	83.	8.86	-0.11	99.	
EAST SLOPES WASH CASC.	1.98	-1.47	57.	29.61	-2.00	94.	
CENTRAL WASHINGTON	0.48	-0.35	58.	4.56	-1.35	77.	
UPPER SNAKE	2.17	0.44	126.	14.98	3.64	132.	
SNAKE RIVER PLAIN	0.70	-0.43	62.	5.60	-0.51	92.	
OWYHEE/ MALHEUR	0.66	-0.47	58.	6.04	-0.51	92.	
SALMON/ BOISE/ PAYETTE	1.43	-0.51	74.	14.30	1.53	112.	
BURNT/ GRANDE RONDE	1.12	-0.27	81.	10.30	0.69	107.	
CLEARWATER	3.32	0.52	118.	19.94	1.33	107.	
SOUTHEAST WASHINGTON	1.45	-0.46	76.	11.27	-1.21	90.	
UPPER JOHN DAY	1.22	-0.18	87.	9.45	0.76	109.	
UMATILLA/ LWR JOHN DAY	1.81	0.19	112.	12.79	2.44	124.	
UPR DESCHUTES/ CROOKED	0.79	-0.58	58.	10.01	0.06	101.	
HOOD/ LOWER DESCHUTES	1.71	-0.98	64.	23.59	2.07	110.	

NW SLOPE WASH CASCADES	8.75	0.10	101.	60.39	-5.07	92.
SW WA CASCADES/COWLITZ	7.14	0.06	101.	50.81	-2.66	95.
WILLAMETTE VALLEY	5.22	-1.17	82.	46.69	1.42	103.
ROGUE/ UMPQUA	4.15	0.02	100.	30.57	2.75	110.
KLAMATH BASIN	1.18	-0.86	58.	14.07	0.42	103.
LAKE COUNTY-GOOSE LAKE	0.62	-0.66	48.	6.34	-1.31	83.
HARNEY/ MALHEUR BASIN	0.60	-0.62	49.	6.02	-0.65	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.

MARCH 2008 WAS IN GENERAL A FAIRLY UNEVENTFUL MONTH FOR THE PACIFIC NORTHWEST. PERSISTENT RIDGING JUST OFF THE WASHINGTON AND OREGON COAST KEPT MOST AREAS DRIER THAN NORMAL. ONE SIGNIFICANT EXCEPTION TO THIS WAS NEAR THE CONTINENTAL DIVIDE..WHERE PERSISTENT COOL AND MOIST NORTHWESTERLY FLOW GENERATED PERSISTENT SNOWFALL IN THE HEADWATERS AREAS.

MONTHLY AVERAGE TEMPERATURES FOR MOST LOCATIONS WERE GENERALLY 2 - 3 DEGREES BELOW NORMAL FOR MARCH.

March precipitation was: 79 percent of normal (1971-2000) at Columb 92 percent of normal at the Snake River above Ice Harbor, and 88 p Columbia above the Dalles.

Seasonal (October through March) precipitation was: 105 percent of Columbia above Coulee, 110 percent of normal at the Snake River ab 106 percent of normal at Columbia above the Dalles.

LISTED BELOW IS AN UNOFFICIAL SUMMARY OF NEW PRECIPITATION RECORDS REPORTED BY NWS FORECAST OFFICES DURING THE MONTH OF MARCH 2008. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

24 SNOWFALL SET ON MARCH 31, 2008

PREVIOUS RECORD

PENDLETON AIRPORT .1 INCHES T/(1999)

TEMPERATURE SUMMARY

The 31 station temperature index for the Pacific Northwest departed -2.2 degrees from normal relative to the 1971-2000 normals. Mean temperature departures ranged from -10.0 to 7.9 degrees.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE RECORDS BROKEN DURING THE MONTH OF MARCH 2008:

NOTE: THE FOLLOWING IS AN UNOFFICIAL SUMMARY BASED ON RECORD EVENT REPORTS ISSUED BY LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICES. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE

OR THE NATIONAL CLIMATIC DATA CENTER.

RECORD LOW TEMPERATURES (DEGREES F) TIED OR BROKEN IN MARCH WERE:

ON MARCH 31, 2008:

	NEW RECORD	PREVIOUS R
CHIEF JOSEPH DAM, WA	25	26 (199
GRAND COULEE DAM , WA	23	24 (193
BOUNDARY DAM, WA	14	15 (197
MADAS, OR	18	20 (195
PELTON DAM, OR	22	25 (199
REDMOND , OR	10	17 (196
DALLES, OR	31 T	31 (194
YAKIMA , WA	20	22 (195
SEATTLE (WFO)	35	37 (199

NO NEW RECORD HIGH TEMPERATURES WERE SET IN THE MONTH OF MARCH.

US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Northwest River Forecast Center (NWRFC)
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