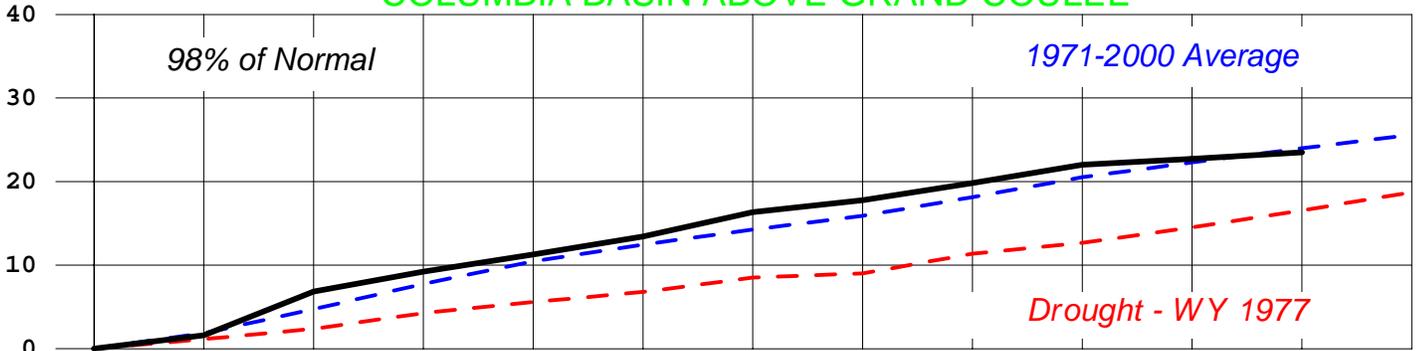
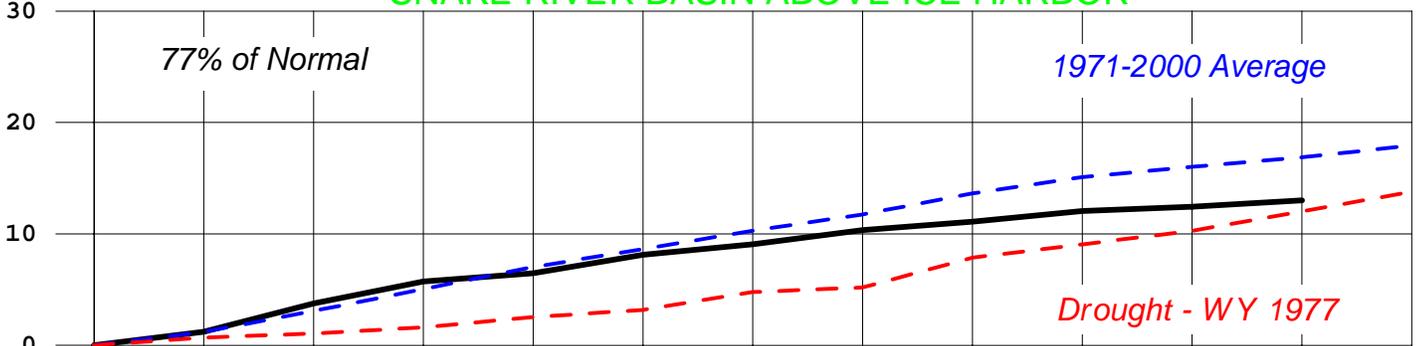


CUMULATIVE PRECIPITATION WATER YEAR 2007

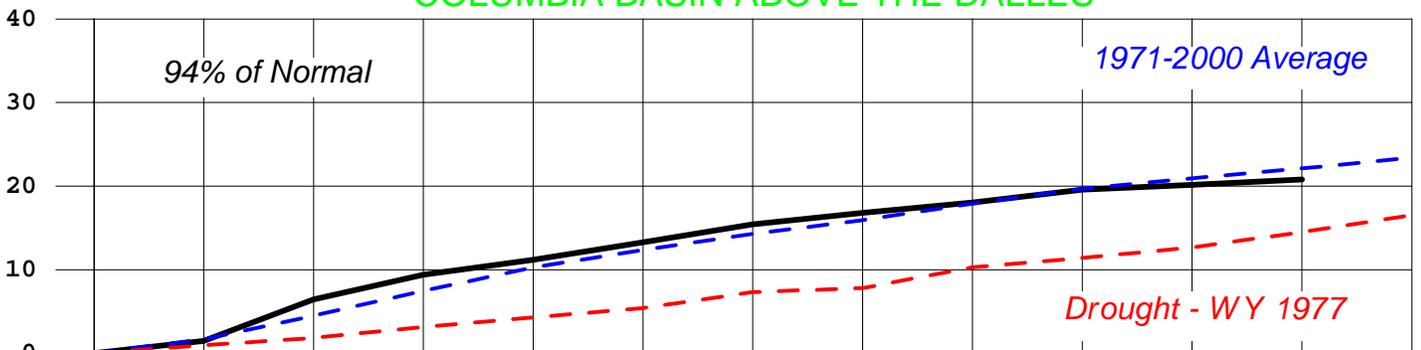
COLUMBIA BASIN ABOVE GRAND COULEE



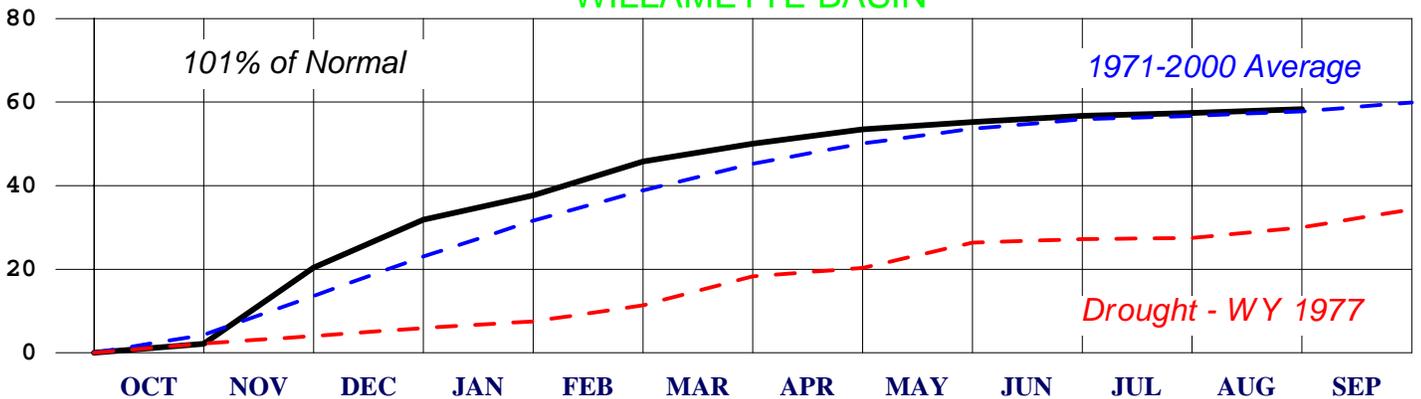
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP

ROGUE/ UMPQUA	0.53	-0.09	86.	37.26	2.59	107.
KLAMATH BASIN	0.18	-0.35	33.	15.97	-1.88	89.
LAKE COUNTY-GOOSE LAKE	0.16	-0.30	35.	8.93	-3.22	73.
HARNEY/ MALHEUR BASIN	0.35	-0.17	68.	8.00	-2.97	73.

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:](#)

8/2007	Select Date
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Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - aug 2007)

DIVISION	..AUG TO DAY 31..		OCT - AUG....			
	OBSD	DEP	PCT AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	0.78	-0.91	46.	23.49	-0.50	98.	
SNAKE RV AB ICE HARBOR	0.56	-0.30	65.	13.02	-3.86	77.	
COLUMBIA AB THE DALLES	0.67	-0.52	56.	20.81	-1.31	94.	
COLUMBIA AB CASTLEGAR	1.75	-0.68	72.	33.27	0.71	102.	
KOOTENAI	0.63	-1.06	37.	24.93	0.32	101.	
CLARK FORK	0.50	-0.80	39.	15.61	-1.09	93.	
FLATHEAD	0.40	-1.21	25.	19.66	-2.38	89.	
PEND OREILLE/ SPOKANE	0.52	-0.75	41.	25.85	-4.04	86.	
NORTHEAST WASHINGTON	0.42	-0.67	39.	14.85	-4.01	79.	
OKANOGAN	0.37	-0.74	33.	15.76	0.42	103.	
EAST SLOPES WASH CASC.	0.42	-0.38	53.	41.67	3.53	109.	
CENTRAL WASHINGTON	0.19	-0.19	49.	7.74	-0.97	89.	
UPPER SNAKE	1.57	0.23	117.	15.62	-4.16	79.	
SNAKE RIVER PLAIN	0.31	-0.27	54.	7.65	-3.12	71.	
OWYHEE/ MALHEUR	0.27	-0.18	60.	7.02	-3.62	66.	
SALMON/ BOISE/ PAYETTE	0.29	-0.41	42.	14.63	-4.50	76.	
BURNT/ GRANDE RONDE	0.53	-0.28	65.	11.22	-4.40	72.	
CLEARWATER	0.48	-0.72	40.	26.27	-3.18	89.	
SOUTHEAST WASHINGTON	0.52	-0.32	62.	16.20	-2.64	86.	
UPPER JOHN DAY	0.52	-0.27	66.	12.52	-1.71	88.	
UMATILLA/ LWR JOHN DAY	0.53	-0.12	82.	16.24	0.56	104.	
UPR DESCHUTES/ CROOKED	0.59	-0.05	92.	12.70	-1.39	90.	
HOOD/ LOWER DESCHUTES	0.67	0.05	108.	29.75	2.20	108.	

NW SLOPE WASH CASCADES	1.30	-0.79	62.	90.76	6.46	108.
SW WA CASCADES/COWLITZ	0.88	-0.66	57.	66.48	-2.02	97.
WILLAMETTE VALLEY	0.88	-0.19	82.	58.31	0.52	101.
ROGUE/ UMPQUA	0.65	-0.06	92.	37.38	2.62	108.
KLAMATH BASIN	0.39	-0.22	64.	16.18	-1.75	90.
LAKE COUNTY-GOOSE LAKE	0.42	-0.10	80.	9.19	-3.03	75.
HARNEY/ MALHEUR BASIN	0.39	-0.20	67.	8.04	-3.00	73.

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.

TEMPERATURES RETURNED CLOSER TO NORMAL DURING THE MONTH OF AUGUST 2007 AFTER THE RECORD-SETTING HEAT THAT BAKED MUCH OF THE PACIFIC NORTHWEST DURING JULY. THE MASSIVE RIDGE RESPONSIBLE FOR THE PROLONGED JULY HEATWAVE WEAKENED EARLY IN AUGUST, ALLOWING A COOLER PACIFIC AIRMASS TO AFFECT MUCH OF THE REGION. STILL, MUCH OF THE INTERIOR RECORDED TEMPERATURES 1 TO 3 DEGREES ABOVE AUGUST NORMALS. ELSEWHERE, TEMPERATURES WERE GENERALLY NEAR NORMAL WEST OF THE CASCADES. SOME LOCATIONS JUST EAST OF THE CASCADES RECORDED AUGUST AVERAGE TEMPERATURES A DEGREE OR TWO BELOW NORMAL.

PRECIPITATION SUMMARY

ALTHOUGH THE STRONG WESTERN RIDGE WEAKENED SOMEWHAT, MOST THE PACIFIC NORTHWEST CONTINUES TO BE DRIER THAN NORMAL THIS SUMMER. THERE WERE SOME EXCEPTIONS AS GENERALLY WEAK LOW PRESSURE SYSTEMS OCCASIONALLY TRACKED ACROSS OREGON AND THE SNAKE PLAIN. AS A RESULT PORTIONS OF OREGON RECEIVED NEAR TO ABOVE NORMAL RAINFALL. THESE UPPER LEVEL DISTURBANCES OCCASIONALLY COUPLED WITH MONSOON MOISTURE TO GENERATE FREQUENT THUNDERSTORM ACTIVITY NEAR THE CONTINENTAL DIVIDE. DUE TO THESE THUNDERSTORMS, SOME LOCATIONS IN THE YELLOWSTONE/TETON AREA RECORDED 150 TO 250 PERCENT OF NORMAL PRECIPITATION FOR THE MONTH OF AUGUST.

AUGUST PRECIPITATION WAS: 46 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 65 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 56 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

SEASONAL (OCTOBER THROUGH AUGUST) PRECIPITATION WAS: 98 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 77 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 94 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 AUGUST 2007. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

ON AUGUST 8, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE, WA	0.13 INCHES	0.03 INCHES IN 1994

ON AUGUST 16, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
CHALLIS, ID	0.48 INCHES	0.25 INCHES IN 1991

ON AUGUST 19, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
WALLA WALLA, WA	0.60 INCHES	0.33 INCHES IN 1954
LA GRANDE, OR	0.57 INCHES	0.48 INCHES IN 1968
RITZVILLE, WA	0.45 INCHES	0.33 INCHES IN 1990
LACROSSE, WA	0.43 INCHES	0.22 INCHES IN 1935
SEATTLE, WA	0.42 INCHES	0.17 INCHES IN 2002
WHITMAN MISSION, WA	0.34 INCHES	0.19 INCHES IN 1980
PENDELTON, OR	0.32 INCHES	0.15 INCHES IN 1990
WINCHESTER, ID	0.31 INCHES (T)	0.31 INCHES IN 1954
PLUMMER, ID	0.25 INCHES	0.10 INCHES IN 2001
GRAND COULEE DAM, WA	0.25 INCHES (T)	0.25 INCHES IN 1968
MITCHELL, OR	0.23 INCHES	0.07 INCHES IN 1968

ON AUGUST 20, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATAC AIRPORT, WA	0.16 INCHES	0.11 INCHES IN 1997

ON AUGUST 30, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
PRINEVILLE, OR	0.59 INCHES	0.37 INCHES IN 1984

TEMPERATURE SUMMARY

THE 31 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPARTED +0.8 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. MEAN TEMPERATURE DEPARTURES RANGED FROM -2.3 TO 6.2 DEGREES.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE RECORDS BROKEN DURING THE MONTH OF AUGUST 2007:

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 HIGH TEMPERATURES (DEGREES F) TIED OR BROKEN IN AUGUST WERE:

ON AUGUST 1, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE, WA	83 (T)	83 SET IN 2004

ON AUGUST 2, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	91 (T)	91 SET IN 1961
SEATTLE, WA	84	83 SET IN 2004

ON AUGUST 15, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE, WA	84	83 SET IN 2002

ON AUGUST 29, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
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PORTLAND, OR	96	94 SET IN 1944
HILLSBORO, OR	95	93 SET IN 1970
MEACHAM, OR	90 (T)	90 SET IN 1967
ASTORIA, OR	83	80 SET IN 1976
TILLAMOOK, OR	82	77 SET IN 1993

ON AUGUST 30, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MONUMENT, OR	105	99 SET IN 1967
WHITMAN MISSION, WA	103 (T)	103 SET IN 1967
PENDLETON, OR	102	99 SET IN 1967
PRIEST RAPIDS DAM, WA	100 (T)	100 SET IN 1998
JOHN DAY, OR	98 (T)	98 SET IN 1968
UNION, OR	98 (T)	98 SET IN 1955
MADRAS, OR	97	96 SET IN 1966
MEACHAM, OR	92 (T)	92 SET IN 1967

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

ON AUGUST 4, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	32	34 SET IN 2005

ON AUGUST 10, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	35	37 SET IN 2002
EUGENE, OR	43	44 SET IN 2005

ON AUGUST 11, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
POLEBRIDGE, MT	27	28 SET IN 1997
MEACHAM, OR	29	34 SET IN 2005
STANLEY, ID	30 (T)	30 SET IN 1980
DRUMMOND, MT	31	33 SET IN 1947
BOUNDARY DAM, WA	36	45 SET IN 1975
ANACONDA, MT	37	39 SET IN 1985
KALISPELL, MT	38 (T)	38 SET IN 1997
PULLMAN, WA	38 (T)	38 SET IN 1954
WHITMAN MISSION, WA	39	42 SET IN 1985
HERMISTON, OR	44	45 SET IN 1940
MORO, OR	44	45 SET IN 1985
PENDLETON, OR	46	49 SET IN 1991
QUINCY, WA	46 (T)	46 SET IN 1947
CHIEF JOSEPH DAM, WA	48	49 SET IN 1957
SEATTLE, WA	53 (T)	53 SET IN 1989
WALLA WALLA, WA	53	54 SET IN 1985

ON AUGUST 12, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	36	42 SET IN 1975

ON AUGUST 13, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	37	40 SET IN 1985

ON AUGUST 20, 2007:

LOCATION EPHRATA, WA	NEW RECORD 47	PREVIOUS RECORD 49 SET IN 1966
ON AUGUST 24, 2007:		
LOCATION BOUNDARY DAM, WA	NEW RECORD 38	PREVIOUS RECORD 40 SET IN 1992
ON AUGUST 27, 2007:		
LOCATION PENDLETON, OR	NEW RECORD 45 (T)	PREVIOUS RECORD 45 SET IN 2000
ON AUGUST 28, 2007:		
LOCATION BOUNDARY DAM, WA	NEW RECORD 33	PREVIOUS RECORD 36 SET IN 1984

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National Weather Service
Northwest River Forecast Center (NWRFC)
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Portland, Oregon 97230-1089
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