

CUMULATIVE PRECIPITATION WATER YEAR 2007

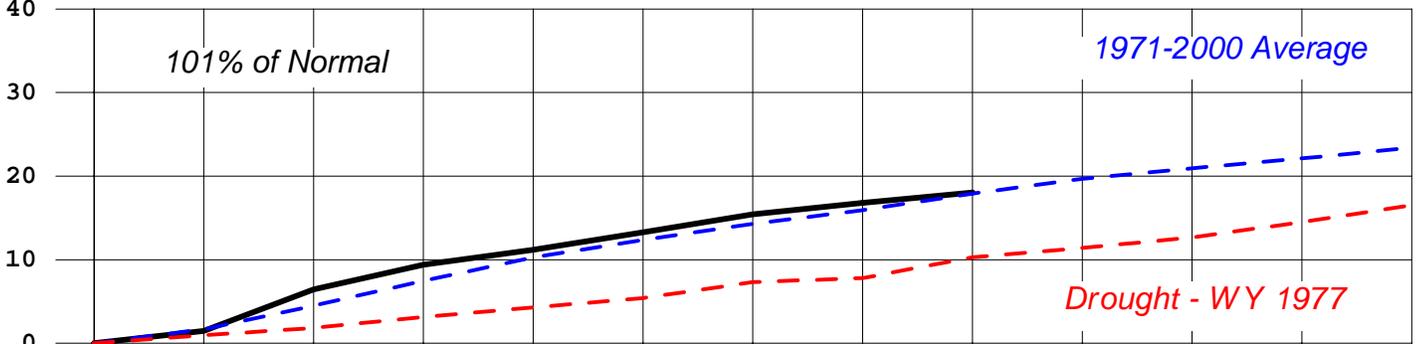
COLUMBIA BASIN ABOVE GRAND COULEE



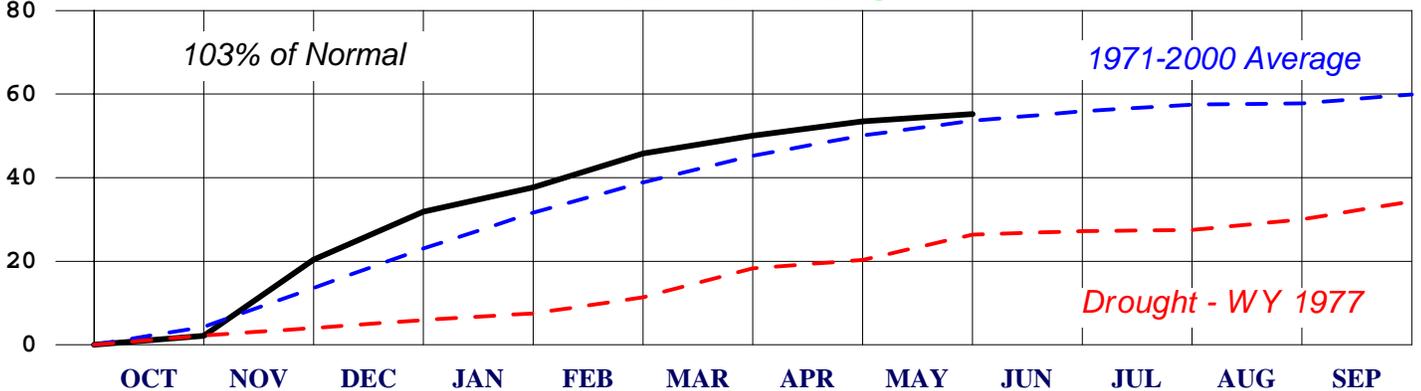
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

ROGUE/ UMPQUA	0.90	-0.89	50.	34.95	2.56	108.
KLAMATH BASIN	0.36	-0.71	33.	13.93	-2.02	87.
LAKE COUNTY-GOOSE LAKE	0.25	-0.98	21.	7.51	-2.52	75.
HARNEY/ MALHEUR BASIN	0.37	-0.83	31.	6.74	-2.20	75.

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.

\$\$

Monthly Divisional Precipitation Summary

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

5/2007	Select Date
--------	-------------

Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - may 2007)

DIVISION	..MAY TO DAY 31..		OCT - MAY....			
	OBSD	DEP	PCT AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	2.09	-0.14	94.	19.82	1.69	109.	
SNAKE RV AB ICE HARBOR	0.75	-1.14	40.	11.10	-2.54	81.	
COLUMBIA AB THE DALLES	1.28	-0.69	65.	18.04	0.14	101.	
COLUMBIA AB CASTLEGAR	1.39	-0.87	62.	26.45	1.81	107.	
KOOTENAI	2.25	0.03	102.	21.33	2.77	115.	
CLARK FORK	2.26	0.21	110.	13.11	0.83	107.	
FLATHEAD	2.47	0.03	101.	16.94	0.74	105.	
PEND OREILLE/ SPOKANE	1.56	-1.05	60.	23.41	-1.65	93.	
NORTHEAST WASHINGTON	1.20	-0.95	56.	12.86	-1.63	89.	
OKANOGAN	0.89	-0.59	60.	12.10	0.62	105.	
EAST SLOPES WASH CASC.	0.82	-0.73	53.	40.03	4.75	113.	
CENTRAL WASHINGTON	0.53	-0.24	69.	6.84	-0.48	93.	
UPPER SNAKE	0.53	-1.86	22.	12.15	-3.18	79.	
SNAKE RIVER PLAIN	0.37	-1.11	25.	6.41	-2.22	74.	
OWYHEE/ MALHEUR	0.30	-0.96	24.	6.04	-2.74	69.	
SALMON/ BOISE/ PAYETTE	0.86	-0.93	48.	13.17	-2.99	81.	
BURNT/ GRANDE RONDE	0.92	-0.76	55.	9.63	-3.02	76.	
CLEARWATER	1.85	-1.18	61.	23.74	-0.56	98.	
SOUTHEAST WASHINGTON	0.96	-0.93	51.	14.25	-1.79	89.	
UPPER JOHN DAY	0.60	-0.96	38.	10.60	-0.90	92.	
UMATILLA/ LWR JOHN DAY	0.90	-0.67	57.	14.20	0.78	106.	
UPR DESCHUTES/ CROOKED	0.33	-0.75	30.	10.69	-1.32	89.	
HOOD/ LOWER DESCHUTES	0.60	-1.01	37.	27.57	2.29	109.	

NW SLOPE WASH CASCADES	2.56	-2.18	54.	84.13	7.71	110.
SW WA CASCADES/COWLITZ	2.06	-1.73	54.	62.33	-0.28	100.
WILLAMETTE VALLEY	1.72	-1.81	49.	55.20	1.56	103.
ROGUE/ UMPQUA	1.07	-0.91	54.	35.12	2.54	108.
KLAMATH BASIN	0.50	-0.68	42.	14.07	-2.00	88.
LAKE COUNTY-GOOSE LAKE	0.65	-0.71	48.	7.91	-2.26	78.
HARNEY/ MALHEUR BASIN	0.31	-1.02	23.	6.68	-2.38	74.

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.

MAY 2007 WEATHER WAS NOTABLY DRY AND SLIGHTLY WARMER THAN NORMAL FOR MOST OF THE PACIFIC NORTHWEST. AN UPPER LEVEL HIGH PRESSURE RIDGE, STRONG AT TIMES, PERSISTED OVER CALIFORNIA AND THE GREAT BASIN FOR MUCH OF THE PERIOD. THIS KEPT THE SOUTHERN TIER ESPECIALLY WARM AND DRY FOR THE MONTH. A SERIES OF SLOW-MOVING UPPER LEVEL LOW PRESSURE SYSTEMS KEPT THE NORTHERN TIER A BIT COOLER AND SHOWERY FOR MUCH OF THE MONTH.

PRECIPITATION SUMMARY

WITH PERSISTENT RIDGING ACROSS THE SOUTHERN TIER, DRY CONDITIONS CONTINUED INTO MAY ACROSS THE SOUTHERN HALF OF THE NWRFC AREA. OCTOBER-MAY SEASONAL PRECIPITATION HAS FALLEN TO BELOW 75 PERCENT OF NORMAL ACROSS MUCH OF THE SOUTHERN INTERIOR, WITH SOME LOCATIONS AS LOW AS 55-65 PERCENT OF NORMAL ACROSS SE OREGON AND THE SNAKE PLAIN

OCCASIONAL COOL LOW PRESSURE SYSTEMS BROUGHT PERIODS OF RAIN AND HIGH ELEVATION SNOW TO BRITISH COLUMBIA, THEN TENDED TO STALL OVER THE NORTHERN IDAHO PANHANDLE AND NW MONTANA. AS RESULT, MAY PRECIPITATION WAS WELL ABOVE NORMAL IN THE ELK AND FLATHEAD DRAINAGE AND NEAR TO SLIGHTLY ABOVE NORMAL ACROSS MUCH OF THE KOOTENAI. THESE LOW PRESSURE SYSTEMS SPAWNED SIGNIFICANT THUNDERSTORM ACTIVITY AT TIMES ACROSS NW MONTANA, EASTERN WASHINGTON AND THE NORTHERN TIER, WITH RESULTING LOCALIZED DOWNPOURS CAUSING SPOTTY MONTHLY PRECIPITATION TOTALS ABOVE 200 PERCENT OF NORMAL. A GREAT EXAMPLE OF THIS PHENOMENA IS WENATCHEE WASHINGTON, WHICH BROKE DAILY PRECIPITATION RECORDS THREE TIMES DURING THE MONTH OF MAY, AND ENDED UP WITH PRECIPITATION OVER 3 TIMES THE MONTHLY AVERAGE. MEANWHILE NEARBY CLE ELUM MISSED OUT ON MUCH OF THIS THUNDERSTORM ACTIVITY, AND AS A RESULT CAME IN AT ONLY 25 PERCENT OF MONTHLY NORMAL PRECIPITATION FOR MAY.

OCCASIONAL SHOWER ACTIVITY BROUGHT SOME WESTSIDE PRECIPITATION, BUT MOST FRONTAL SYSTEMS WERE STARVED OF MOISTURE AND AS A RESULT PRECIPITATION TOTALS WERE LIGHT. MOST WESTSIDE BASINS RECEIVED BETWEEN 50 TO 70 PERCENT OF MAY MONTHLY NORMAL PRECIPITATION.

MAY PRECIPITATION WAS: 94 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 40 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 65 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

SEASONAL (OCTOBER THROUGH MAY) PRECIPITATION WAS: 109 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 81 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 101 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 MAY 2007. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

ON MAY 2, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	0.51 INCHES (T)	0.51 INCHES IN 1999
PENDLETON, OR	0.49 INCHES	0.41 INCHES IN 1977
STANLEY, ID	0.37 INCHES	0.16 INCHES IN 1995
WHITMAN MISSION, WA	0.30 INCHES	0.25 INCHES IN 2000
CHALLIS, ID	0.27 INCHES	0.26 INCHES IN 1933
YAKIMA, WA	0.11 INCHES	0.10 INCHES IN 1975

ON MAY 3, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
KALISPELL, MT	0.84 INCHES	0.49 INCHES IN 1930
MISSOULA, MT	0.76 INCHES	0.52 INCHES IN 1964
OMAK, WA	0.67 INCHES	0.55 INCHES IN 1977
BUTTE, MT	0.61 INCHES	0.55 INCHES IN 1964
WENATCHEE, WA	0.31 INCHES	0.05 INCHES IN 1977
EPHRATA, WA	0.24 INCHES	0.12 INCHES IN 1984

ON MAY 20, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
WENATCHEE, WA	0.86 INCHES	0.31 INCHES IN 1990
SEATAC AIRPORT, WA	0.56 INCHES	0.24 INCHES IN 2005
SEATTLE NWS WFO, WA	0.52 INCHES	0.24 INCHES IN 1993
OLYMPIA, WA	0.42 INCHES	0.29 INCHES IN 1993

ON MAY 21, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
PLAIN, WA	0.84 INCHES	0.72 INCHES IN 1939
WENATCHEE, WA	0.65 INCHES	0.41 INCHES IN 1972
SEATTLE NWS WFO, WA	0.42 INCHES	0.18 INCHES IN 1990

ON MAY 27, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	1.35 INCHES	0.72 INCHES IN 1998

ON MAY 28, 2007

LOCATION	NEW RECORD	PREVIOUS RECORD
BONNERS FERRY, ID	0.58 INCHES	0.46 INCHES IN 1989

TEMPERATURE SUMMARY

WITH THE RIDGE STRONGEST AND MOST PERSISTENT ACROSS THE SOUTHERN TIER, MAY TEMPERATURES GENERALLY RANGED BETWEEN 2 TO 4 DEGREES ABOVE NORMAL ACROSS SOUTHERN OREGON AND THE SNAKE RIVER PLAIN. MANY CLIMA

SITES EAST OF THE CASCADES WERE NOTABLE IN THAT MUCH OF THE ABOVE NORMAL DEPARTURES CAME FROM DAILY MAXIMUM TEMPERATURES, WHILE MINIMUM TEMPERATURES WERE OFTEN NEAR OR SLIGHTLY BELOW NORMAL FOR THE MONTH. THIS PATTERN IS A TESTAMENT TO THE DRY CONDITIONS IN PLACE, WITH CLEAR SKIES RESULTING IN WARM DAYS AND COOL NIGHTS.

ACROSS THE NORTHERN TIER AND ALONG THE COAST, TEMPERATURES WERE CLOSER TO NORMAL FOR THE MONTH. OCCASIONAL WARM SPELLS GAVE WAY TO COOL SHOWERY WEATHER AS A SERIES OF COOL UPPER LEVEL LOW PRESSURE SYSTEMS TRACKED WEST TO EAST NEAR THE US/CANADA BORDER.

THE 31 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPARTED +1.6 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. MEAN TEMPERATURE DEPARTURES RANGED FROM -0.9 TO 4.8 DEGREES.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE RECORDS BROKEN DURING THE MONTH OF MAY 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 MAY WERE:

ON MAY 8, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PENDLETON, OR	94	93 SET IN 1987
LEWISTON, ID	93	92 SET IN 1987
WHITMAN MISSION, WA	93	91 SET IN 1992
MOSES LAKE, WA	88 (T)	88 SET IN 1949
CONDON, OR	86	84 SET IN 1987
MEACHAM, OR	81	75 SET IN 1949

ON MAY 10, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
IDAHO FALLS, ID	82 (T)	82 SET IN 1960

ON MAY 15, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATAC AIRPORT, WA	85	82 SET IN 1958
OLYMPIA, WA	85 (T)	85 SET IN 1958
SEATTLE NWS WFO, WA	84	76 SET IN 1995

ON MAY 17, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
POCATELLO, ID	87 (T)	87 SET IN 2006

ON MAY 29, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
HOQUIAM, WA	87	78 SET IN 1973
ASTORIA, OR	85	76 SET IN 1973
TILLAMOOK, OR	82	79 SET IN 1973
QUILLAYUTE, WA	78	73 SET IN 1973

ON MAY 30, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATAC AIRPORT, WA	87 (T)	87 SET IN 1956

SEATTLE NWS WFO, WA 83 79 SET IN 1995

ON MAY 31, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
CHELAN, WA	91 (T)	91 SET IN 1986

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

ON MAY 3, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
YAKIMA, WA	27 (T)	27 SET IN 1996
THE DALLES, OR	32	33 SET IN 2006

ON MAY 4, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	11	15 SET IN 1984
CHALLIS, ID	24	25 SET IN 1984
PULLMAN, WA	28	29 SET IN 1996

ON MAY 5, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
KLAMATH FALLS, OR	23 (T)	23 SET IN 1999

ON MAY 12, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	41 (T)	41 SET IN 2000

ON MAY 13, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
KLAMATH FALLS, OR	26 (T)	26 SET IN 1974

ON MAY 14, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
QUILLAYUTE, WA	33	35 SET IN 1999
SEATTLE NWS WFO, WA	42 (T)	42 SET IN 2006

ON MAY 22, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
POCATELLO, ID	32	33 SET IN 1973

ON MAY 23, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PORTHILL, ID	28 (T)	28 SET IN 1960

ON MAY 25, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PORTHILL, ID	27	29 SET IN 1926
BOUNDARY DAM, WA	31	32 SET IN 1975
PULLMAN, WA	32	33 SET IN 1978

ON MAY 27, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	45	46 SET IN 1989

ON MAY 28, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
REDMOND, OR	26 (T)	26 SET IN 1989

BONNERS FERRY, ID	30 (T)	30 SET IN 1914
BOUNDARY DAM, WA	30	34 SET IN 1974
EUGENE, OR	32	35 SET IN 1982
SEATTLE NWS WFO, WA	45	46 SET IN 2001

ON MAY 29, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
CHALLIS, ID	31 (T)	31 SET IN 1951
IDAHO FALLS, ID	31 (T)	31 SET IN 1979

US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Northwest River Forecast Center (NWRFC)
5241 NE 122nd Avenue
Portland, Oregon 97230-1089
Telephone: 503-326-7401

Disclaimer
Information Quality
Credits
Glossary

Privacy
Freedom of Informa
AI
Career Oppor

Last Modified: May 17, 2007