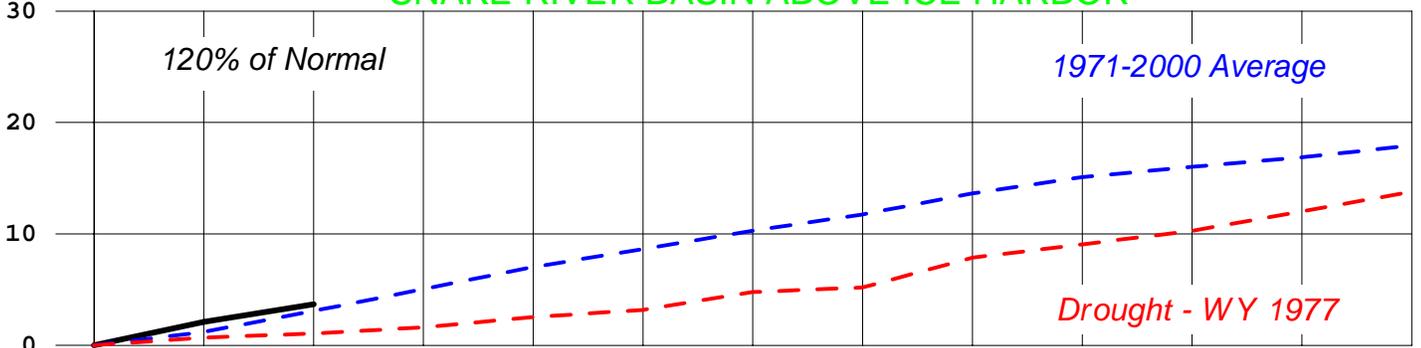


CUMULATIVE PRECIPITATION WATER YEAR 2008

COLUMBIA BASIN ABOVE GRAND COULEE



SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

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

WILLAMETTE VALLEY	3.12	1.18	161.	27.91	2.92	112.
ROGUE/ UMPQUA	3.62	2.47	314.	19.66	4.45	129.
KLAMATH BASIN	1.33	0.69	208.	8.74	1.45	120.
LAKE COUNTY-GOOSE LAKE	0.60	0.27	186.	4.26	0.22	106.
HARNEY/ MALHEUR BASIN	0.36	0.09	134.	3.55	0.00	100.

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:

12/2007

Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - nov 2007)

DIVISION	..NOV TO DAY 30..		OCT - NOV....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT
COLUMBIA ABOVE COULEE	2.42	-0.46	84.	5.03	0.30	106.
SNAKE RV AB ICE HARBOR	1.59	-0.29	85.	3.69	0.61	120.
COLUMBIA AB THE DALLES	2.34	-0.49	83.	4.72	0.23	105.
COLUMBIA AB CASTLEGAR	3.81	-0.22	95.	8.13	1.30	119.
KOOTENAI	1.94	-1.15	63.	4.49	-0.45	91.
CLARK FORK	1.88	0.17	110.	3.35	0.46	116.
FLATHEAD	1.55	-0.86	64.	3.44	-0.65	84.
PEND OREILLE/ SPOKANE	3.12	-1.03	75.	6.02	-0.27	96.
NORTHEAST WASHINGTON	1.28	-0.94	58.	2.44	-0.93	72.
OKANOGAN	1.13	-0.64	64.	2.52	-0.26	91.
EAST SLOPES WASH CASC.	4.33	-2.25	66.	7.77	-1.60	83.
CENTRAL WASHINGTON	0.92	-0.29	76.	1.52	-0.30	83.
UPPER SNAKE	1.40	-0.55	72.	4.32	0.86	125.
SNAKE RIVER PLAIN	0.60	-0.48	56.	2.32	0.38	120.
OWYHEE/ MALHEUR	0.80	-0.40	67.	1.98	0.04	102.
SALMON/ BOISE/ PAYETTE	2.35	-0.06	98.	4.83	1.18	132.
BURNT/ GRANDE RONDE	2.18	0.20	110.	3.81	0.78	126.
CLEARWATER	3.30	-0.32	91.	5.82	0.03	100.
SOUTHEAST WASHINGTON	2.19	-0.35	86.	3.54	-0.45	89.
UPPER JOHN DAY	2.02	0.25	114.	3.41	0.68	125.
UMATILLA/ LWR JOHN DAY	2.50	0.34	116.	4.30	0.97	129.

UPR DESCHUTES/ CROOKED	1.66	-0.34	83.	3.86	0.94	132.
HOOD/ LOWER DESCHUTES	4.23	-0.16	96.	7.78	1.33	121.
NW SLOPE WASH CASCADES	7.13	-6.64	52.	16.11	-5.02	76.
SW WA CASCADES/COWLITZ	6.70	-4.35	61.	13.51	-3.07	81.
WILLAMETTE VALLEY	7.10	-2.22	76.	13.12	-0.49	96.
ROGUE/ UMPQUA	4.44	-1.34	77.	9.10	0.76	109.
KLAMATH BASIN	1.53	-1.11	58.	4.32	0.53	114.
LAKE COUNTY-GOOSE LAKE	0.71	-0.74	49.	2.58	0.28	112.
HARNEY/ MALHEUR BASIN	1.09	-0.13	89.	2.05	0.04	102.

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

Precipitation normals are based on 1971-2000 historical data.

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

MUCH OF THE PACIFIC NORTHWEST EXPERIENCED THREE DISTINCT WEATHER PATTERNS DURING THE MONTH OF NOVEMBER 2007. THE FIRST TEN DAYS MONTH WERE GENERALLY DRY AND WARM, ESPECIALLY EAST OF THE CASCADES WHERE MANY LOCATIONS SET NEW HIGH TEMPERATURE RECORDS. THE UPPER LEVEL HIGH PRESSURE SYSTEM RESPONSIBLE FOR THE DRY CONDITIONS GRADUALLY BROKE DOWN DURING THE MIDDLE TEN DAYS OF NOVEMBER, RESULTING IN LOCALLY HEAVY RAIN BUT STILL GENERALLY ABOVE NORMAL TEMPERATURES. FINALLY LATE IN THE MONTH A COLD AND DAMP AIRMASS SETTLED IN OVER THE REGION, BRINGING SNOW TO EASTSIDE VALLEY FL AND TEMPERATURES SEVERAL DEGREES BELOW NORMAL.

PRECIPITATION SUMMARY

PRECIPITATION WAS IN SHORT SUPPLY DURING THE BEGINNING OF NOVEMBER 2007. SINCE NOVEMBER IS TYPICALLY A VERY WET MONTH FOR THE WESTSIDE, PRECIPITATION DEFICITS PILED UP FAST AS THE UPPER LEVEL RIDGE PERSISTED AND DRY DAYS CARRIED ON. DURING THE MIDDLE OF THE MONTH, A COUPLE SEASONABLY STRONG PACIFIC STORM SYSTEMS BROUGHT PERIODS OF MODERATE TO LOCALLY HEAVY RAINFALL TO THE REGION. FOR MOST OF THE PACIFIC NORTHWEST, THIS TEN-DAY PERIOD OF ACTIVE WEATHER WAS NOT ENOUGH TO BRING PRECIPITATION TOTALS UP TO NORMAL FOR THE MONTH. PRECIPITATION WAS HEAVIEST IN SOUTHWEST AND EASTERN OREGON DURING THIS PERIOD, AS WELL AS INTO SE WASHINGTON AND NEAR LEWISTON ID. DUE TO THE HEAVY PRECIPITATION, THESE AREAS WERE ABLE TO RECORD ENOUGH PRECIPITATION TO BRING THEM UP TO OR SLIGHTLY ABOVE MONTHLY NORMALS. ELSEWHERE, RAINFALL WAS BELOW TO WELL BELOW NORMAL FOR THE MONTH.

NOVEMBER PRECIPITATION WAS: 84 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 85 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 83 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALL

SEASONAL (OCTOBER THROUGH NOVEMBER) PRECIPITATION WAS: 106 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 120 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 105 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLE.

LISTED BELOW IS AN UNOFFICIAL SUMMARY OF NEW PRECIPITATION RECORDS

REPORTED BY NWS FORECAST OFFICES DURING THE MONTH OF NOVEMBER 2
FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OF
OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

ON NOVEMBER 15, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATAC AIRPORT, WA	1.09 INCHES	0.89 INCHES IN 1985
BOUNDARY DAM, WA	0.48 INCHES	0.41 INCHES IN 1966

ON NOVEMBER 16, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	0.39 INCHES	0.38 INCHES IN 2006

ON NOVEMBER 17, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
TROUTDALE, OR	1.14 INCHES	1.04 INCHES IN 1950
LONG CREEK, OR	0.60 INCHES	0.45 INCHES IN 1983

ON NOVEMBER 18, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
YAKIMA, WA	0.73 INCHES	0.62 INCHES IN 1982

ON NOVEMBER 19, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MONUMENT, OR	1.25 INCHES (T)	1.25 INCHES IN 1996
PRINEVILLE, OR	1.24 INCHES	0.90 INCHES IN 1945
LONG CREEK, OR	0.63 INCHES	0.50 INCHES IN 1996

TEMPERATURE SUMMARY

OVERALL, WARM TEMPERATURES EARLY IN THE MONTH WERE BALANCED BY
TEMPERATURES LATE IN THE MONTH, RESULTING IN NEAR NORMAL MONTHLY
AVERAGE TEMPERATURES FOR MOST LOCATIONS. MINOR EXCEPTIONS INCLU
MUCH OF OREGON, WHERE TEMPERATURES WERE SLIGHTLY BELOW NORMAL,
NEAR THE CONTINENTAL DIVIDE, WHERE TEMPERATURES WERE GENERALLY
3 DEGREES ABOVE NORMAL FOR THE MONTH.

THE 31 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPA
+0.2 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. M
TEMPERATURE DEPARTURES RANGED FROM -3.4 TO +3.3 DEGREES.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE REC
BROKEN DURING THE MONTH OF NOVEMBER 2007:

NOTE: THE FOLLOWING IS AN UNOFFICIAL SUMMARY BASED ON RECORD EV
REPORTS ISSUED BY LOCAL NATIONAL WEATHER SERVICE FORECAST OFFIC
FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OF
OR THE NATIONAL CLIMATIC DATA CENTER.

RECORD HIGH TEMPERATURES (DEGREES F) TIED OR BROKEN IN NOVEMBER

ON NOVEMBER 3, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
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SEATTLE, WA	60 (T)	60 SET IN 2001
ON NOVEMBER 4, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
THE DALLES, OR	69	65 SET IN 1949
YAKIMA, WA	69	68 SET IN 1975
EPHRATA, WA	69	65 SET IN 1975
WENATCHEE, WA	66	64 SET IN 1975
CHELAN, WA	63 (T)	63 SET IN 1987
BOUNDARY DAM, WA	56 (T)	56 SET IN 1975
ON NOVEMBER 5, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
SATUS PASS, WA	61	60 SET IN 1987
ON NOVEMBER 6, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
REDMOND, OR	70	69 SET IN 1999
ON NOVEMBER 8, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
REDMOND, OR	71	70 SET IN 1976
CONDON, OR	64	63 SET IN 1934
SATUS PASS, WA	60	59 SET IN 1976
ON NOVEMBER 9, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
BEND, OR	71	69 SET IN 1955
JOHN DAY, OR	71	70 SET IN 1976
MEACHAM, OR	60 (T)	60 SET IN 1959
STANLEY, ID	55 (T)	55 SET IN 1987
ON NOVEMBER 10, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
SATUS PASS, WA	61	60 SET IN 1959
NORTHPORT, WA	59	58 SET IN 1990
ON NOVEMBER 17, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
PENDLETON, OR	65	64 SET IN 1976
PORTLAND, OR	63	61 SET IN 1995
ON NOVEMBER 18, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
MEDFORD, OR	68	67 SET IN 1936
BURLEY, ID	64	63 SET IN 1995
POCATELLO, ID	63 (T)	63 SET IN 1995
KLAMATH FALLS, OR	61 (T)	61 SET IN 1949
IDAHO FALLS, ID	59	57 SET IN 1949
PLUMMER, ID	58	47 SET IN 2002
ON NOVEMBER 19, 2007:		
LOCATION	NEW RECORD	PREVIOUS RECORD
POCATELLO, ID	66	62 SET IN 1943
IDAHO FALLS, ID	61	59 SET IN 2003

RECORD LOW TEMPERATURES (DEGREES F) TIED OR BROKEN IN NOVEMBER

ON NOVEMBER 21, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	6	12 SET IN 2000

ON NOVEMBER 22, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	2 (T)	2 SET IN 2000

ON NOVEMBER 24, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	2	14 SET IN 1952
JOSEPH, OR	9	11 SET IN 1931

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WEAGLE

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National Weather Service
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