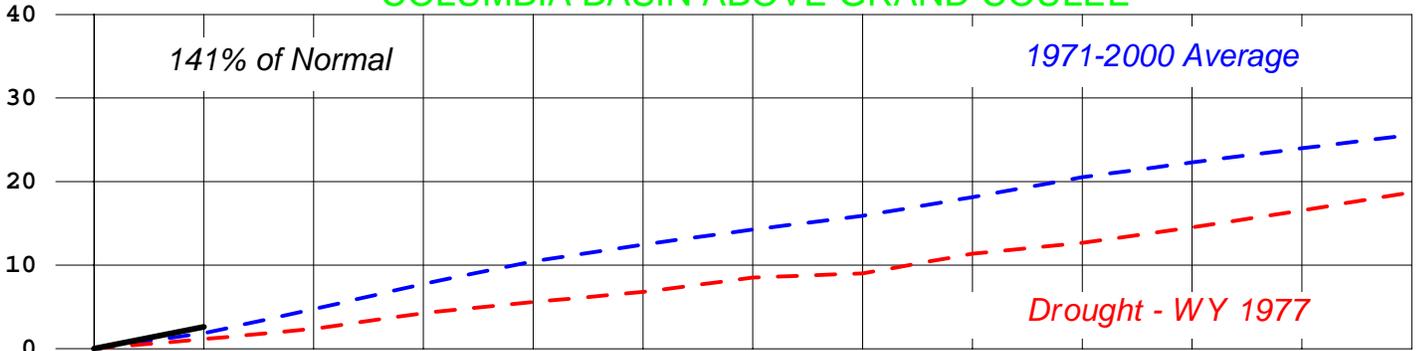
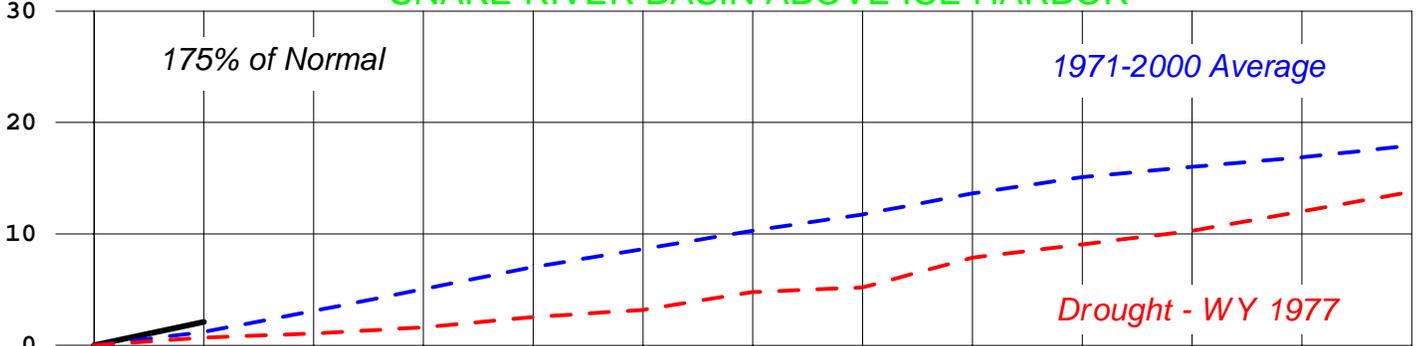


CUMULATIVE PRECIPITATION WATER YEAR 2008

COLUMBIA BASIN ABOVE GRAND COULEE



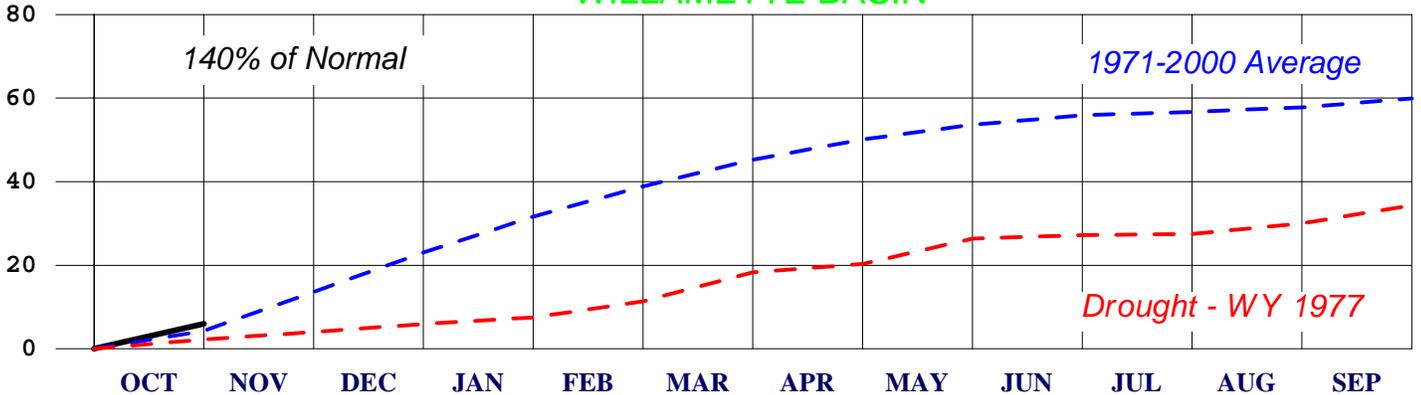
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

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

ROGUE/ UMPQUA	4.55	2.73	250.	1.04	-0.12	89.
KLAMATH BASIN	2.07	1.26	254.	0.67	-0.02	98.
LAKE COUNTY-GOOSE LAKE	1.44	0.84	239.	1.20	0.52	176.
HARNEY/ MALHEUR BASIN	0.91	0.35	162.	0.53	-0.08	87.

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:

10/2007

COLUMBIA BASIN SEASONAL PRECIPITATION DIVISION AVERAGES NORTHWEST RIVER FORECAST CENTER

(MONTHLY SUMMARY - OCT 2007)

DIVISION	..OCT TO DAY 31..		SEP - SEP....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT
COLUMBIA ABOVE COULEE	2.61	0.76	141.	1.64	0.03	102.
SNAKE RV AB ICE HARBOR	2.10	0.90	175.	1.12	0.06	105.
COLUMBIA AB THE DALLES	2.38	0.72	143.	1.24	-0.06	96.
COLUMBIA AB CASTLEGAR	4.32	1.52	154.	2.62	0.37	117.
KOOTENAI	2.55	0.70	138.	1.16	-0.46	72.
CLARK FORK	1.47	0.29	125.	1.69	0.48	140.
FLATHEAD	1.89	0.21	113.	1.64	0.01	101.
PEND OREILLE/ SPOKANE	2.90	0.76	136.	0.68	-0.82	45.
NORTHEAST WASHINGTON	1.16	0.01	101.	0.66	-0.37	64.
OKANOGAN	1.39	0.38	137.	1.10	0.12	112.
EAST SLOPES WASH CASC.	3.44	0.65	123.	0.56	-0.81	41.
CENTRAL WASHINGTON	0.60	-0.01	98.	0.29	-0.15	66.
UPPER SNAKE	2.92	1.41	193.	1.54	0.09	106.
SNAKE RIVER PLAIN	1.72	0.86	200.	0.79	-0.05	94.
OWYHEE/ MALHEUR	1.17	0.43	159.	1.09	0.49	181.
SALMON/ BOISE/ PAYETTE	2.47	1.23	199.	1.30	0.28	127.
BURNT/ GRANDE RONDE	1.63	0.58	155.	0.33	-0.49	40.
CLEARWATER	2.51	0.34	116.	1.09	-0.60	64.
SOUTHEAST WASHINGTON	1.35	-0.10	93.	0.23	-0.70	25.
UPPER JOHN DAY	1.39	0.43	145.	0.62	-0.09	87.
UMATILLA/ LWR JOHN DAY	1.81	0.64	154.	0.41	-0.35	53.
UPR DESCHUTES/ CROOKED	2.20	1.28	239.	0.66	0.07	111.

HOOD/ LOWER DESCHUTES	3.55	1.49	172.	0.84	-0.32	72.
NW SLOPE WASH CASCADES	8.98	1.62	122.	2.92	-1.03	74.
SW WA CASCADES/COWLITZ	6.81	1.28	123.	1.99	-1.12	64.
WILLAMETTE VALLEY	6.01	1.72	140.	1.97	-0.16	92.
ROGUE/ UMPQUA	4.66	2.10	182.	1.04	-0.12	89.
KLAMATH BASIN	2.79	1.64	242.	0.67	-0.02	98.
LAKE COUNTY-GOOSE LAKE	1.88	1.02	221.	1.20	0.52	176.
HARNEY/ MALHEUR BASIN	0.96	0.17	122.	0.53	-0.08	87.

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.

AFTER SEVERAL MONTHS OF WARMER AND DRIER THAN NORMAL WEATHER FOR THE PACIFIC NORTHWEST, A TRANSITION TO A COOL AND WET PATTERN OCCURRED AS THE DOMINANT WEST COAST RIDGE FINALLY BROKE DOWN IN LATE SEPTEMBER. WITH THE RIDGE BROKEN DOWN, A PROGRESSION OF SIGNIFICANTLY COOL PACIFIC STORM SYSTEMS MOVED ACROSS MUCH OF THE NWRFC REGION. THE COOLER REGIME LED TO TEMPERATURES GENERALLY 1 TO 3 DEGREES BELOW NORMAL ACROSS THE PACIFIC NORTHWEST FOR THE MONTH OF OCTOBER. IN THE FAR EASTERN PORTIONS OF THE NWRFC REGION WERE STILL A DEGREE OR ABOVE NORMAL, PARTICULARLY NEAR THE CONTINENTAL DIVIDE IN MONTANA AND SE BRITISH COLUMBIA, WHERE PERSISTENT CLOUD COVER AND CHINOOK WINDS KEPT NIGHTS MILD.

PRECIPITATION SUMMARY

PRECIPITATION WAS PLENTIFUL FOR MOST OF THE PACIFIC NORTHWEST IN OCTOBER. AFTER THE STUBBORN WEST COAST RIDGE BROKE DOWN IN LATE SEPTEMBER, THE PACIFIC STORM TRACK SHIFTED SOUTH INTO SOUTHWEST CANADA AND THE NORTHWESTERN UNITED STATES. A SERIES OF STORM SYSTEMS BROUGHT OCCASIONAL LIGHT TO MODERATE VALLEY RAIN AND HIGH ELEVATION SNOW ACROSS THE ENTIRE NWRFC REGION DURING THE EARLY TO MIDDLE PORTION OF OCTOBER. DURING THE PERIOD OF OCTOBER 15-19, THE PACIFIC JET STREAM BECAME MORE ENERGETIC RESULTING IN MORE POWERFUL STORM SYSTEMS LANDFALLING INTO WASHINGTON AND OREGON. ON OCTOBER 19, THE LAST OF THE SERIES OF MORE POWERFUL STORM SYSTEMS MOVED ACROSS THE PACIFIC NORTHWEST, BREAKING MANY PRECIPITATION RECORDS FOR THE DATE. THE FINAL STORM SYSTEM ALSO BROKE THE ALL-TIME RECORD DAILY PRECIPITATION FOR STANLEY IDAHO WITH 2.08 INCHES. 1 TO 2 INCH TOTALS WERE COMMON ACROSS EASTSIDE LOCATIONS AS THE STORM CROSSED THE CASCADES AND INTO THE ROCKY MOUNTAINS.

AFTER THIS STORM SYSTEM DEPARTED THE AREA, A RAPID TRANSITION TO ANOTHER RIDGE PATTERN OCCURRED, RESULTING IN DRIER THAN AVERAGE WEATHER FOR THE LATER PORTION OF OCTOBER 2007. DESPITE THE DRY WEATHER FOR THE LAST 7-10 DAYS OF OCTOBER, ENOUGH PRECIPITATION HAD FALLEN DURING THE FIRST 2-3 WEEKS TO PUSH MOST LOCATIONS TO NEAR OR ABOVE NORMAL FOR THE MONTH.

OCTOBER PRECIPITATION WAS: 141 PERCENT OF NORMAL (1971-2000) AT

COLUMBIA ABOVE COULEE, 175 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 143 PERCENT OF NORMAL AT COLUMBIA ABOVE T DALLEES.

LISTED BELOW IS AN UNOFFICIAL SUMMARY OF NEW PRECIPITATION RECC REPORTED BY NWS FORECAST OFFICES DURING THE MONTH OF OCTOBER 20 FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OF OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

ON OCTOBER 1, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
CHELAN, WA	0.75 INCHES	0.09 INCHES IN 1964

ON OCTOBER 2, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
OLYMPIA, WA	1.06 INCHES	0.63 INCHES IN 1951
QUILLAYUTE, WA	0.98 INCHES	0.95 INCHES IN 1975
SEATAC AIRPORT, WA	0.80 INCHES	0.67 INCHES IN 1951

ON OCTOBER 3, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	0.16 INCHES	0.08 INCHES IN 1967

ON OCTOBER 4, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BURLEY, ID	0.20 INCHES	0.19 INCHES IN 2002

ON OCTOBER 5, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BURLEY, ID	0.63 INCHES	0.14 INCHES IN 1967
POCATELLO, ID	0.52 INCHES	0.42 INCHES IN 1967

ON OCTOBER 6, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
IDAHO FALLS, ID	0.70 INCHES	0.53 INCHES IN 1990
POCATELLO, ID	0.26 INCHES	0.25 INCHES IN 1992

ON OCTOBER 7, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE, WA	0.16 INCHES	0.06 INCHES IN 1999

ON OCTOBER 16, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
POMEROY, WA	0.54 INCHES	0.24 INCHES IN 1982
PULLMAN, WA	0.53 INCHES	0.28 INCHES IN 1947
BURLEY, ID	0.22 INCHES	0.11 INCHES IN 1990

ON OCTOBER 17, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
IDAHO FALLS, ID	0.43 INCHES	0.25 INCHES IN 1949

ON OCTOBER 18, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
YAKIMA, WA	0.34 INCHES	0.13 INCHES IN 1979

REDMOND, OR	0.22 INCHES	0.20 INCHES IN 1984
CHIEF JOSEPH DAM, WA	0.20 INCHES	0.14 INCHES IN 1950
WENATCHEE, WA	0.16 INCHES	0.06 INCHES IN 1979

ON OCTOBER 19, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	2.08 INCHES**	0.19 INCHES IN 1963
BEND, OR	1.56 INCHES	0.49 INCHES IN 1979
OLYMPIA, WA	1.26 INCHES	1.17 INCHES IN 1954
PELTON DAM, OR	1.22 INCHES	0.73 INCHES IN 1979
MADRAS, OR	1.15 INCHES	0.72 INCHES IN 1979
PRINEVILLE, OR	0.93 INCHES	0.47 INCHES IN 1979
CONDON, OR	0.92 INCHES	0.77 INCHES IN 1979
KLAMATH FALLS, OR	0.79 INCHES	0.31 INCHES IN 1958
MORO, OR	0.79 INCHES	0.62 INCHES IN 1979
GOLDENDALE, WA	0.71 INCHES	0.60 INCHES IN 1971
SEATTLE, WA	0.65 INCHES	0.39 INCHES IN 2000
MONUMENT, OR	0.63 INCHES	0.52 INCHES IN 1979
LA GRANDE, OR	0.54 INCHES	0.43 INCHES IN 1958
CHALLIS, ID	0.24 INCHES	0.13 INCHES IN 1979

** THE 2.08 INCHES OF RAIN RECORDED AT STANLEY IDAHO OCTOBER 19 BROKE THEIR ALL-TIME RECORD RAINFALL FOR ANY SINGLE CALENDAR DA THE PREVIOUS ALL-TIME RECORD WAS 2.00 INCHES, MOST RECENTLY RECORDED DECEMBER 3 2001.

TEMPERATURE SUMMARY

THE 31 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPA -0.6 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. M TEMPERATURE DEPARTURES RANGED FROM -4.5 TO 3.2 DEGREES.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE REC BROKEN DURING THE MONTH OF OCTOBER 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 OCTOBER

ON OCTOBER 9, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PLUMMER, MT	81 (T)	81 SET IN 1988

ON OCTOBER 23, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
TILLAMOOK, OR	79	75 SET IN 1975
RITZVILLE, WA	78	76 SET IN 1948
PORTLAND, OR	75	74 SET IN 1965
HELENA, MT	74 (T)	74 SET IN 1960
HOQUIAM, WA	73	71 SET IN 1965
THE DALLES, OR	73 (T)	73 SET IN 1992

QUILLAYUTE, WA	72	69 SET IN 1974
EPHRATA, WA	70	69 SET IN 1965
BELLINGHAM, WA	69 (T)	69 SET IN 1982
MISSOULA, MT	68 (T)	68 SET IN 1952

ON OCTOBER 24, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
JOHN DAY, OR	80 (T)	80 SET IN 1965
ANACONDA, MT	78	72 SET IN 2005
SULA, MT	75	73 SET IN 2005
SUPERIOR, MT	74	73 SET IN 1924
PULLMAN, WA	73 (T)	73 SET IN 1999
SUNNYSIDE, WA	73 (T)	73 SET IN 1988
POLSON, MT	72	70 SET IN 1944
KALISPELL, MT	72	70 SET IN 1944
BUTTE, MT	72	71 SET IN 1959
LIBBY, MT	69	58 SET IN 2005
MISSOULA, MT	68	66 SET IN 1977
WEST GLACIER, MT	66	61 SET IN 1992
CHELAN, WA	65 (T)	65 SET IN 2005

ON OCTOBER 28, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PLUMMER, ID	63	56 SET IN 1993

RECORD LOW TEMPERATURES (DEGREES F) TIED OR BROKEN IN OCTOBER W

ON OCTOBER 5, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
GOLDENDALE, WA	27 (T)	27 SET IN 1962
YAKIMA, WA	28 (T)	28 SET IN 1927
QUILLAYUTE, WA	32 (T)	32 SET IN 1972

ON OCTOBER 22, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PLUMMER, ID	25	27 SET IN 1991

ON OCTOBER 25, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
HILLSBORO, OR	27 (T)	27 SET IN 1939
SEATTLE, WA	38	42 SET IN 2006

ON OCTOBER 26, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MEACHAM, OR	14	15 SET IN 2002
BOUNDARY DAM, WA	18	19 SET IN 2002
PULLMAN, WA	19 (T)	19 SET IN 2002
PENDLETON, OR	22	25 SET IN 2002
HEPPNER, OR	25 (T)	25 SET IN 1954
SEATTLE, WA	35	40 SET IN 2002

ON OCTOBER 27, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	17	19 SET IN 2002

UNION, OR	18 (T)	18 SET IN 2002
HERMISTON, OR	20 (T)	20 SET IN 2002
PENDLETON, OR	24 (T)	24 SET IN 1971
THE DALLES, OR	27 (T)	27 SET IN 1970

ON OCTOBER 28, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	18 (T)	18 SET IN 1991

ON OCTOBER 29, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
WHITMAN MISSION, WA	22	23 SET IN 1970

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WEAGLE

US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Northwest River Forecast Center (NWRFC)
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Portland, Oregon 97230-1089
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