

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

DIVISION	..DEC TO DAY 31..		OCT - DEC....			
	OBSD	DEP	PCT AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	2.37	-0.65	78.	9.21	1.46	119.	
SNAKE RV AB ICE HARBOR	1.98	0.01	100.	5.73	0.68	113.	
COLUMBIA AB THE DALLES	2.95	-0.03	99.	9.40	1.93	126.	
COLUMBIA AB CASTLEGAR	3.58	-0.71	84.	12.13	1.01	109.	
KOOTENAI	2.47	-0.69	78.	9.81	1.71	121.	
CLARK FORK	1.50	-0.31	83.	6.30	1.60	134.	
FLATHEAD	1.86	-0.59	76.	8.04	1.50	123.	
PEND OREILLE/ SPOKANE	2.98	-1.23	71.	11.28	0.78	107.	
NORTHEAST WASHINGTON	2.19	-0.19	92.	6.95	1.20	121.	
OKANOGAN	2.80	0.82	141.	7.35	2.59	155.	
EAST SLOPES WASH CASC.	7.44	0.27	104.	24.59	8.05	149.	
CENTRAL WASHINGTON	1.98	0.64	148.	4.16	1.00	132.	
UPPER SNAKE	2.17	0.03	102.	6.63	1.03	118.	
SNAKE RIVER PLAIN	1.15	0.13	113.	3.32	0.36	112.	
OWYHEE/ MALHEUR	1.23	0.00	100.	2.83	-0.34	89.	
SALMON/ BOISE/ PAYETTE	2.94	0.31	112.	7.44	1.16	118.	
BURNT/ GRANDE RONDE	1.97	0.03	101.	4.91	-0.06	99.	
CLEARWATER	2.97	-0.57	84.	12.05	2.72	129.	
SOUTHEAST WASHINGTON	2.20	-0.19	92.	7.26	0.88	114.	
UPPER JOHN DAY	1.97	0.23	113.	5.61	1.14	126.	
UMATILLA/ LWR JOHN DAY	2.61	0.70	136.	7.40	2.16	141.	
UPR DESCHUTES/ CROOKED	2.70	0.66	132.	6.42	1.46	129.	
HOOD/ LOWER DESCHUTES	5.25	0.62	113.	17.38	6.30	157.	
NW SLOPE WASH CASCADES	11.43	-1.80	86.	43.26	8.90	126.	
SW WA CASCADES/COWLITZ	8.88	-2.20	80.	34.66	7.00	125.	
WILLAMETTE VALLEY	11.50	2.06	122.	31.87	8.82	138.	
ROGUE/ UMPQUA	10.10	4.38	177.	20.12	6.06	143.	
KLAMATH BASIN	3.37	0.51	118.	8.26	1.61	124.	
LAKE COUNTY-GOOSE LAKE	1.51	0.09	106.	3.52	-0.20	95.	
HARNEY/ MALHEUR BASIN	1.32	0.05	104.	3.29	0.01	100.	

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.

DECEMBER 2006 WAS FAIRLY AVERAGE ACROSS MUCH OF THE PACIFIC NORTHWEST. THE MOST NOTABLE DEVIATIONS FROM AVERAGE WERE THE MUCH WARMER THAN NORMAL CONDITIONS IN WESTERN MONTANA, AND THE COOLER AND WETTER THAN NORMAL CONDITIONS THAT PREVAILED ACROSS MUCH OF EASTERN WASHINGTON AND NE OREGON. MOIST ONSHORE FLOW BROUGHT TYPICAL COOL AND WET DECEMBER WEATHER TO WESTERN WASHINGTON AND OREGON.

Precipitation Summary

OVERALL, 2006 ENDED WITH FAIRLY TYPICAL DECEMBER WEATHER ACROSS THE PACIFIC NORTHWEST. A SERIES OF POTENT PACIFIC STORM SYSTEMS BROUGHT OCCASIONAL VALLEY RAIN AND MOUNTAIN SNOW ACROSS THE REGION. TWO MAJOR STORM SYSTEMS BROUGHT HEAVIER PRECIPITATION DECEMBER 13-14 AND AGAIN DECEMBER 24-27. DURING BOTH EVENTS, LOW PRESSURE TRACKED EASTWARD ACROSS WASHINGTON AND OREGON, ALLOWING EASTERN WASHINGTON AND NORTHEAST OREGON TO RECEIVE SIGNIFICANT WARM FRONTAL PRECIPITATION. AS A RESULT MANY DAILY PRECIPITATION RECORDS WERE BROKEN ACROSS THE INTERIOR DURING BOTH EVENTS, AND MANY INTERIOR LOCATIONS RECEIVED NEARLY THEIR TOTAL DECEMBER AVERAGE PRECIPITATION FROM THESE TWO EVENTS ALONE.

THE PACIFIC FRONTAL BOUNDARY ASSOCIATED WITH THE DECEMBER 24-27 STORM STALLED NEAR THE OREGON/CALIFORNIA BORDER CHRISTMAS DAY, BRINGING RECORD PRECIPITATION AND RIVER FLOODING TO SOUTHWEST OREGON. SOME COAST RANGE LOCATIONS IN CURRY, DOUGLAS, AND JOSEPHINE COUNTIES IN SW OREGON RECEIVED 10-12 INCHES OF RAIN FROM THIS EVENT. TOTALS OF 3-6 INCHES WERE MORE WIDESPREAD, WITH EVEN MEDFORD RECORDING OVER 2 INCHES OF RAIN DECEMBER 25-26.

AS THE TRANSITORY STORMS TRAVELED EAST OF WASHINGTON AND OREGON AND INTO THE ROCKIES, THEY BROUGHT RESPECTABLE SNOWS AND LOWER ELEVATION RAINS TO IDAHO AND THE CONTINENTAL DIVIDE. EAST OF THE CONTINENTAL DIVIDE, PERSISTENT DOWNSLOPE WESTERLY FLOW KEPT MUCH OF WYOMING AND MONTANA WARMER AND DRIER THAN NORMAL.

DECEMBER PRECIPITATION WAS: 78 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 100 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 99 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

SEASONAL (OCTOBER THROUGH DECEMBER) PRECIPITATION WAS: 119 PERCENT OF

NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 113 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 126 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 DECEMBER 2006. FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE OR THE NATIONAL CLIMATIC DATA CENTER.

DAILY MAXIMUM PRECIPITATION RECORDS

ON DECEMBER 11, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	1.23 INCHES	1.04 INCHES IN 2004

ON DECEMBER 12, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
BOUNDARY DAM, WA	0.48 INCHES	0.48 INCHES IN 1970

ON DECEMBER 14, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	2.17 INCHES	1.24 INCHES IN 2002
SATUS PASS, WA	1.05 INCHES	0.93 INCHES IN 1977
YAKIMA, WA	0.97 INCHES	0.93 INCHES IN 2002
CHIEF JOSEPH DAM, WA	0.95 INCHES	0.67 INCHES IN 2002
THE DALLES, OR	0.94 INCHES	0.60 INCHES IN 1964
QUINCY, WA	0.92 INCHES	0.35 INCHES IN 1950
GOLDENDALE, WA	0.85 INCHES	0.77 INCHES IN 1964
CONDON, OR	0.69 INCHES	0.68 INCHES IN 1977
PRIEST RAPIDS DAM, WA	0.65 INCHES	0.51 INCHES IN 1985
EPHRATA, WA	0.45 INCHES	0.45 INCHES IN 2002

ON DECEMBER 15, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
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STANLEY, ID	0.31 INCHES	0.16 INCHES IN 1964
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ON DECEMBER 23, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	0.56 INCHES	0.55 INCHES IN 2005

ON DECEMBER 25, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
CRESCENT CITY, CA	4.36 INCHES	1.99 INCHES IN 1955
ROSEBURG, OR	1.45 INCHES	0.68 INCHES IN 1980
MEDFORD, OR	1.00 INCH	0.42 INCHES IN 1940
WHITMAN MISSION, WA	0.86 INCHES	0.21 INCHES IN 1968
MULLAN PASS, ID	0.73 INCHES	0.71 INCHES IN 1957
PELTON DAM, OR	0.59 INCHES	0.48 INCHES IN 1980
PENDLETON, OR	0.50 INCHES	0.49 INCHES IN 1933
GOLDENDALE, WA	0.47 INCHES	0.41 INCHES IN 1966

ON DECEMBER 26, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	1.35 INCHES	1.26 INCHES IN 1996
PRIEST RAPIDS DAM, WA	0.61 INCHES	0.18 INCHES IN 1973
CHIEF JOSEPH DAM, WA	0.36 INCHES	0.24 INCHES IN 1958
MOSES LAKE, WA	0.37 INCHES	0.31 INCHES IN 1975

ON DECEMBER 27, 2006

LOCATION	NEW RECORD	PREVIOUS RECORD
POCATELLO, ID	0.51 INCHES	0.40 INCHES IN 1940
IDAHO FALLS, ID	0.24 INCHES	0.18 INCHES IN 1955

TEMPERATURE SUMMARY

THE 31 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPARTED +1.1 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. MEAN TEMPERATURE DEPARTURES RANGED FROM -1.3 TO 7.6 DEGREES.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE RECORDS BROKEN DURING THE MONTH OF DECEMBER 2006:

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 DECEMBER WERE:

ON DECEMBER 3, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
PORTLAND, OR	60 (T)	60 SET IN 2002

ON DECEMBER 7, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
QUILLAYUTE, WA	55	52 SET IN 2002

ON DECEMBER 8, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
QUILLAYUTE, WA	61	52 SET IN 1981
IDAHO FALLS, ID	48	46 SET IN 1968

ON DECEMBER 9, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
IDAHO FALLS, ID	50	48 SET IN 1990

ON DECEMBER 13, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
MOSES LAKE, WA	51	50 SET IN 2001
OMAK, WA	47 (T)	47 SET IN 1931

ON DECEMBER 14, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
WHITMAN MISSION, WA	65	63 SET IN 1977
PENDLETON, OR	65	62 SET IN 2002
MONUMENT, OR	62 (T)	62 SET IN 1977
HERMISTON, OR	61	60 SET IN 1977

LA GRANDE, OR	56	53 SET IN 1969
KAMIAH, ID	52	47 SET IN 2004
STANLEY, ID	44	42 SET IN 2002

ON DECEMBER 21, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
SEATTLE NWS WFO, WA	52 (T)	52 SET IN 1995

ON DECEMBER 24, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
ROSEBURG, OR	61	60 SET IN 2005
ANACONDA, MT	51	47 SET IN 1919
BUTTE, MT	50 (T)	50 SET IN 1950

ON DECEMBER 25, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
ANACONDA, MT	55	52 SET IN 1993

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

ON DECEMBER 1, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
YAKIMA, WA	5	7 SET IN 1984
SEATTLE NWS WFO, WA	31	33 SET IN 2005

ON DECEMBER 2, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
OMAK, WA	0 (T)	0 SET IN 1950
YAKIMA, WA	5	6 SET IN 1984
MEACHAM, OR	6	14 SET IN 2004
CHIEF JOSEPH DAM, WA	7	9 SET IN 1985
MULLAN PASS, ID	10	11 SET IN 1950
COVE, OR	13	15 SET IN 1967
SEATTLE NWS WFO, WA	30	32 SET IN 1994

ON DECEMBER 3, 2006:

LOCATION	NEW RECORD	PREVIOUS RECORD
LACROSSE, WA	7	8 SET IN 1936
EUGENE, OR	24 (T)	24 SET IN 2005

ON DECEMBER 17, 2006:

LOCATION
SEATTLE NWS WFO, WA

NEW RECORD
28

PREVIOUS RECORD
29 SET IN 2005

US Dept of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
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