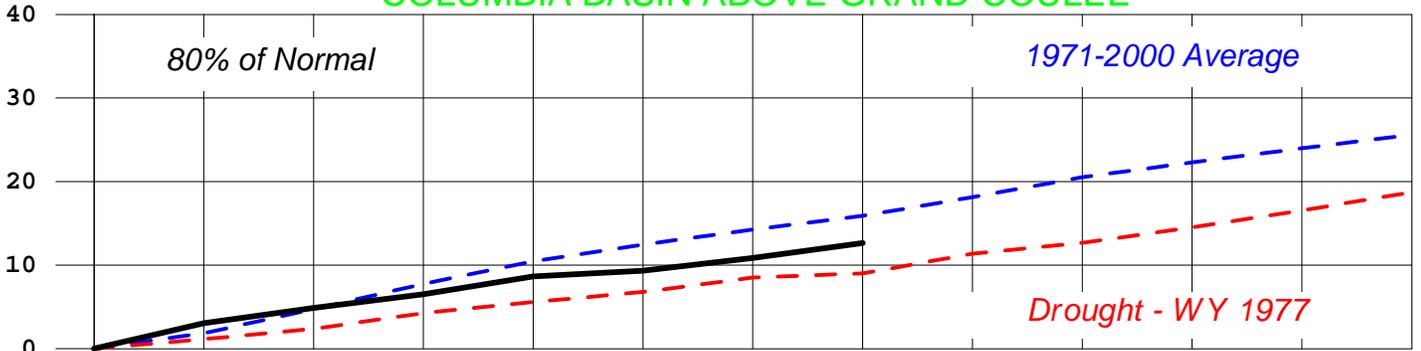
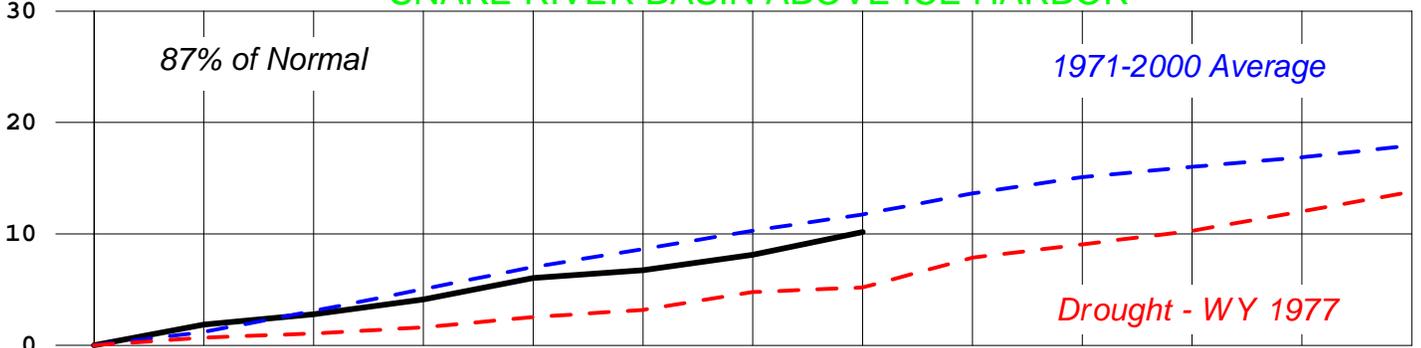


CUMULATIVE PRECIPITATION WATER YEAR 2010

COLUMBIA BASIN ABOVE GRAND COULEE



SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES



Northwest River Forecast Center

Seasonal Divisional Precipitation Summary

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Click on date to display a different seasonal forecast:

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Monthly Divisional Precipitation Summary

Columbia Basin Seasonal Precipitation Division Averages
Northwest River Forecast Center

(Monthly Summary - apr 2010)

DIVISION	..APR TO DAY 30..		OCT - APR....			
	OBSD	DEP	PCT AV	OBSD	DEP	PCT	AV
COLUMBIA ABOVE COULEE	1.80	0.15	109.	12.65	-3.25	80.	
SNAKE RV AB ICE HARBOR	2.05	0.59	140.	10.17	-1.58	87.	
COLUMBIA AB THE DALLES	2.12	0.48	130.	13.46	-2.47	85.	
COLUMBIA AB CASTLEGAR	1.74	-0.26	87.	17.03	-5.35	76.	
KOOTENAI	1.55	-0.20	89.	13.22	-3.12	81.	
CLARK FORK	1.42	0.18	115.	7.62	-2.61	74.	
FLATHEAD	2.41	0.83	153.	11.88	-1.88	86.	
PEND OREILLE/ SPOKANE	3.15	0.89	139.	18.16	-4.29	81.	
NORTHEAST WASHINGTON	1.89	0.37	124.	11.97	-0.37	97.	
OKANOGAN	1.31	0.28	128.	9.06	-0.94	91.	
EAST SLOPES WASH CASC.	2.83	0.71	134.	26.23	-7.50	78.	
CENTRAL WASHINGTON	0.82	0.18	127.	5.70	-0.85	87.	
UPPER SNAKE	3.11	1.51	194.	11.03	-1.91	85.	
SNAKE RIVER PLAIN	1.30	0.26	125.	6.09	-1.06	85.	
OWYHEE/ MALHEUR	1.24	0.27	128.	6.96	-0.56	93.	
SALMON/ BOISE/ PAYETTE	2.01	0.41	126.	12.54	-1.83	87.	
BURN/ GRANDE RONDE	2.10	0.74	155.	10.14	-0.83	92.	
CLEARWATER	3.40	0.74	128.	17.38	-3.89	82.	
SOUTHEAST WASHINGTON	2.13	0.46	128.	11.05	-3.10	78.	
UPPER JOHN DAY	1.75	0.50	140.	9.34	-0.60	94.	
UMATILLA/ LWR JOHN DAY	2.16	0.66	144.	12.25	0.40	103.	
UPR DESCHUTES/ CROOKED	1.45	0.47	148.	10.90	-0.03	100.	
HOOD/ LOWER DESCHUTES	2.85	0.70	133.	23.37	-0.30	99.	
NW SLOPE WASH CASCADES	7.42	1.20	119.	62.61	-9.07	87.	
SW WA CASCADES/COWLITZ	6.06	0.71	113.	50.10	-8.72	85.	
WILLAMETTE VALLEY	6.09	1.25	126.	43.17	-6.94	86.	
ROGUE/ UMPQUA	5.27	2.49	190.	28.11	-2.49	92.	
KLAMATH BASIN	1.94	0.70	157.	13.06	-1.83	88.	
LAKE COUNTY-GOOSE LAKE	1.78	0.61	152.	8.10	-0.71	92.	
HARNEY/ MALHEUR BASIN	1.26	0.20	119.	7.56	-0.17	98.	

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.

NORTHWEST RIVER FORECAST CENTER PORTLAND OR

PRECIPITATION, TEMPERATURE, SNOW, AND STREAMFLOW SUMMARIES

APR 10

WEATHER SUMMARY

THE UPPER LEVEL JET STREAM HELPED BRING MODERATE TO STRONG CYCLONES ONSHORE INTO THE NORTHWEST THROUGH APRIL. THERE WAS REALLY NO REST FROM STORMS THROUGH THE MONTH...AS LOW PRESSURE SYSTEMS MOVED THROUGH THE REGION EVERY FEW DAYS. SOME AREAS BROKE RECORDS FOR LONGEST STRETCHES OF RAINY DAYS FOR APRIL IN 2010.

LOW PRESSURE SYSTEMS AND ASSOCIATED COLD FRONTS PRODUCED GREATER THAN AVERAGE LOW LEVEL RAIN AND UPPER ELEVATION SNOW FOR THE MONTH.

PRECIPITATION SUMMARY

APRIL PRECIPITATION WAS: 109 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 140 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 130 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

SEASONAL (OCTOBER THROUGH APRIL) PRECIPITATION WAS: 80 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 87 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 85 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

TEMPERATURE SUMMARY

THE 37 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPARTED -0.2 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. MEAN TEMPERATURE DEPARTURES RANGED FROM -2.5 TO 2.8 DEGREES.

GENERAL SUMMARY !

NEAR NORMAL RAINFALL COUPLED WITH A SLIGHT INCREASE IN HIGH ELEVATION SNOWPACK HAS CAUSED A SLIGHT INCREASE IN FORECASTS IN MOST AREAS OF THE COLUMBIA-SNAKE BASIN. THE EXCEPTION WAS IN THE UPPER SNAKE AREA WHERE FORECASTS DECREASED SLIGHTLY.

SNOW SUMMARY !

WITH A FEW EXCEPTIONS THE MAY 1ST SNOW WATER EQUIVALENTS (SWE'S) HAVE DECREASED FROM APRIL 1ST. IMPROVEMENTS IN SWE HAPPENED ONLY IN THE UPPER SNAKE ABOVE HEISE AND IN

THE NORTH CASCADES IN WASHINGTON WHERE INCREASES WERE 1 TO 12 PERCENT. ON MAY 1ST SWE'S RANGE FROM 70 TO 90 PERCENT IN THE UPPER COLUMBIA IN CANADA AND IN THE NORTH WASHINGTON CASCADES TO 40 TO 60 PERCENT IN THE CLARK FORK AREA IN MONTANA AND IN MOST OF THE SNAKE RIVER DRAINAGES. COOL SHOWERY WEATHER BROUGHT SOME MINOR IMPROVEMENT TO SNOW LEVELS WEST OF THE CASCADES.

STREAMFLOW SUMMARY !

MARCH STREAMFLOW REMAINS BELOW AVERAGE ALTHOUGH SOME EARLY SEASON SNOWMELT AND RAINFALL IMPROVED STREAMFLOWS SLIGHTLY. STREAMFLOW IN NORTHERN AREA OF THE COLUMBIA-SNAKE BASIN RANGE FROM 50 TO 70 PERCENT. SNAKE RIVER FLOWS DURING MARCH WERE IN THE 60 TO 80 PERCENT RANGE.

BELOW AVERAGE APRIL PRECIPITATION IN THE AREA ABOVE GRAND COULEE DAM WITH SOMEWHAT ABOVE AVERAGE PRECIPITATING IN THE SNAKE RIVER BASINS COUPLED WITH A SLIGHT INCREASE IN MAY 1ST HIGH ELEVATION SWE'S BROUGHT A LIGHT INCREASE TO MOST COLUMBIA BASIN AREAS. THE MAY 1ST FORECAST FOR THE JANUARY-JULY PERIOD ON THE COLUMBIA RIVER AT THE DALLES IS STILL THE THIRD LOWEST IN THE LAST 50-YEAR PERIOD.

SEE [HTTP://WWW.NWRFC.NOAA.GOV/WATER_SUPPLY/WS_FCST.CGI](http://www.nwrfc.noaa.gov/water_supply/ws_fcst.cgi) FOR DETAILED WATER SUPPLY FORECASTS.

MONTHLY PRECIPITATION AND TEMPERATURE RECORDS

PARTIAL LIST OF RECORD HIGH AND LOW TEMPERATURES IN DEGREES (F) ARE LISTED BELOW. PRECIPITATION IS REPORTED IN INCHES.

PLEASE SEE THE COMPLETE LIST OF RECORDS AT THE NATIONAL WEATHER SERVICE FIELD OFFICES CLIMATOLOGY WEB PAGES.

APR 07 A RECORD RAINFALL OF 2.29 INCHES WAS SET AT QUILLAYUTE WA.

APR 09 A RECORD LOW TEMPERATURE OF 29 DEGREES WAS SET AT EUGENE OR.

 A RECORD LOW TEMPERATURE OF 28 DEGREES WAS SET AT PENDLETON OR.

APR 10 A RECORD LOW TEMPERATURE OF 24 DEGREES WAS SET AT PENDLETON OR.

 A RECORD LOW TEMPERATURE OF 28 DEGREES WAS SET AT WALLA WALLA WA.

 A RECORD LOW TEMPERATURE OF 20 DEGREES WAS SET AT MISSOULA MT.

A RECORD LOW TEMPERATURE OF 18 DEGREES WAS SET AT KALISPELL MT.

A RECORD LOW OF 26 DEGREES WAS SET AT PULLMAN WA.

A RECORD LOW TEMPERATURE OF 29 DEGREES WAS SET AT WENATCHEE WA.

A RECORD LOW TEMPERATURE OF 13 DEGREES WAS SET AT POCATELLO ID.

APR 14 A RECORD LOW TEMPERATURE OF 23 DEGREES WAS SET AT YAKIMA WA.

APR 18 A RECORD HIGH TEMPERATURE OF 79 DEGREES WAS SET AT WALLA WALLA WA.

APR 19 A RECORD HIGH TEMPERATURE OF 76 DEGREES WAS SET AT WENATCHEE WA.

APR 20 A RECORD RAINFALL OF 0.88 INCHES WAS SET AT PENDLETON OR.

A RECORD HIGH TEMPERATURE OF 80 DEGREES WAS SET AT KALISPELL MT.

A RECORD RAINFALL OF 1.14 INCHES WAS SET AT BAKER OR.

APR 21 A RECORD RAINFALL OF 1.13 INCHES WAS SET AT PENDLETON OR.

A RECORD RAINFALL OF 0.87 INCHES WAS SET AT SEA-TAC WA.

APR 23 A RECORD RAINFALL OF 0.78 INCHES WAS SET AT IDAHO FALLS ID.

APR 26 A RECORD LOW TEMPERATURE OF 18 DEGREES WAS SET AT BUTTE MT TODAY.

APR 27 A RECORD RAINFALL OF 0.64 INCHES WAS SET AT MEDFORD OR.