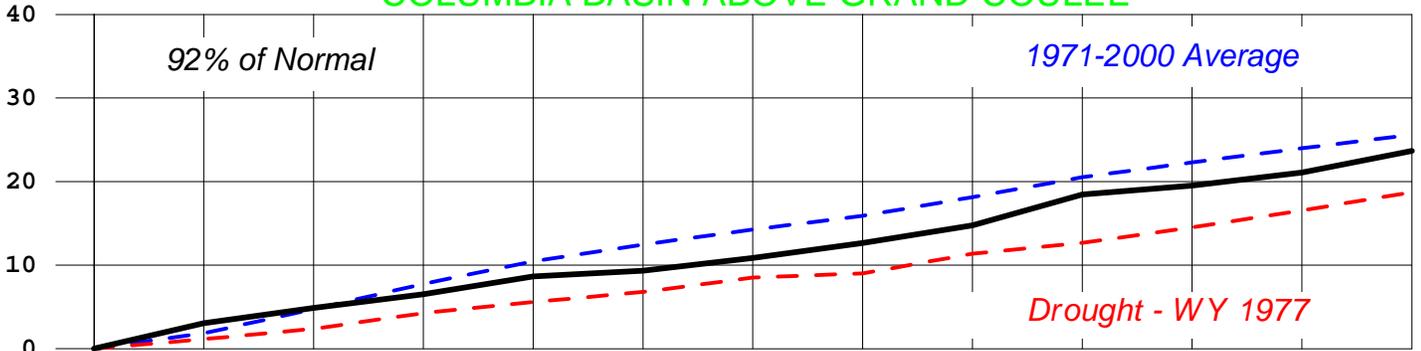
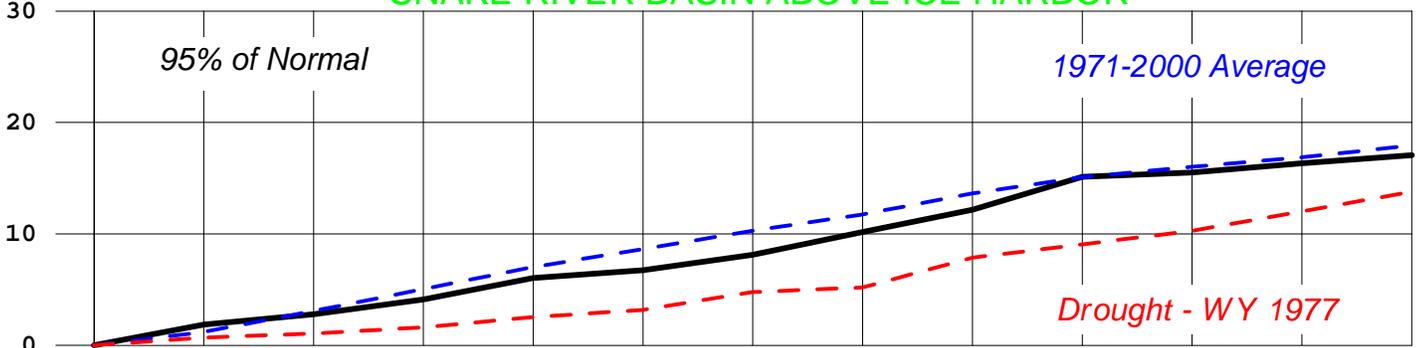


# CUMULATIVE PRECIPITATION WATER YEAR 2010

## COLUMBIA BASIN ABOVE GRAND COULEE



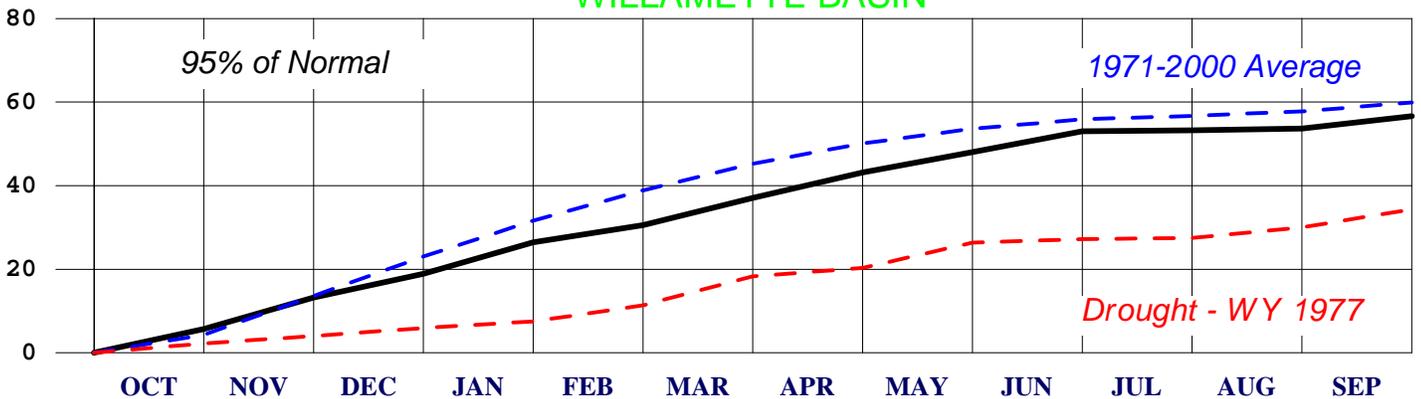
## SNAKE RIVER BASIN ABOVE ICE HARBOR



## COLUMBIA BASIN ABOVE THE DALLES



## WILLAMETTE BASIN



**ACCUMULATED PRECIPITATION IN INCHES**

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



# Northwest River Forecast Center

## Seasonal Divisional Precipitation Summary

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Click on date to display a different seasonal forecast:

### Monthly Divisional Precipitation Summary

Columbia Basin Seasonal Precipitation Division Averages  
Northwest River Forecast Center

(Monthly Summary - sep 2010)

DIVISION	..SEP TO DAY 30..			....OCT - SEP....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT AV
COLUMBIA ABOVE COULEE	2.60	0.99	162.	23.67	-1.93	92.
SNAKE RV AB ICE HARBOR	0.75	-0.31	71.	17.08	-0.86	95.
COLUMBIA AB THE DALLES	1.78	0.48	137.	22.37	-1.05	96.
COLUMBIA AB CASTLEGAR	3.59	1.34	160.	29.24	-5.57	84.
KOOTENAI	3.01	1.39	186.	23.81	-2.42	91.
CLARK FORK	1.49	0.28	123.	16.94	-0.97	95.
FLATHEAD	2.34	0.71	144.	24.40	0.73	103.
PEND OREILLE/ SPOKANE	2.00	0.50	133.	29.98	-1.41	95.
NORTHEAST WASHINGTON	1.55	0.52	151.	20.52	0.63	103.
OKANOGAN	1.72	0.74	175.	16.52	0.20	101.
EAST SLOPES WASH CASC.	1.72	0.34	125.	33.21	-6.31	84.
CENTRAL WASHINGTON	1.06	0.62	241.	9.81	0.66	107.
UPPER SNAKE	0.81	-0.64	56.	20.28	-0.95	96.
SNAKE RIVER PLAIN	0.32	-0.52	39.	10.10	-1.51	87.
OWYHEE/ MALHEUR	0.50	-0.10	83.	10.86	-0.38	97.
SALMON/ BOISE/ PAYETTE	0.68	-0.34	67.	19.32	-0.83	96.
BURN/ GRANDE RONDE	0.60	-0.22	73.	17.21	0.77	105.
CLEARWATER	1.87	0.18	110.	29.75	-1.39	96.
SOUTHEAST WASHINGTON	0.98	0.05	106.	16.90	-2.88	85.
UPPER JOHN DAY	0.89	0.18	125.	15.74	0.80	105.
UMATILLA/ LWR JOHN DAY	1.16	0.40	153.	18.76	2.32	114.
UPR DESCHUTES/ CROOKED	1.22	0.63	206.	15.77	1.09	107.
HOOD/ LOWER DESCHUTES	2.19	1.03	188.	31.89	3.18	111.
NW SLOPE WASH CASCADES	7.54	3.59	191.	83.69	-4.56	95.
SW WA CASCADES/COWLITZ	4.88	1.77	157.	66.84	-4.77	93.
WILLAMETTE VALLEY	3.00	0.87	141.	56.66	-3.26	95.
ROGUE/ UMPQUA	1.75	0.59	151.	35.35	-0.57	98.
KLAMATH BASIN	0.97	0.28	141.	16.67	-1.95	90.
LAKE COUNTY-GOOSE LAKE	0.39	-0.29	57.	11.94	-0.96	93.
HARNEY/ MALHEUR BASIN	0.26	-0.35	42.	12.05	0.40	103.

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

SEP 10

WEATHER SUMMARY

THE COLUMBIA BASIN AND AREAS WEST OF THE CASCADE MOUNTAINS SAW DRY AND WARM CONDITIONS AT THE BEGINNING OF SEPTEMBER AS HIGH PRESSURE RESIDED OVER THE REGION. THIS QUICKLY CHANGED BY THE MIDDLE OF THE FIRST WEEK AS AN ACTIVE JET STREAM REPLACED THE RIDGE. THIS ACTIVE PATTERN CONTINUED TO BRING DISTURBANCES OVER THE NORTHWEST U.S. AND SOUTHERN BRITISH COLUMBIA FOR THE NEXT FEW WEEKS. MOST AREAS SAW PERIODS OF SHOWERS THROUGH MUCH OF THE MONTH...WITH SOME STRONG SHOWERS AND THUNDERSTORMS DURING THE MIDDLE OF THE MONTH. HIGH PRESSURE DID RETURN AT THE END OF THE MONTH...BRINGING WARMER AND DRIER CONDITIONS BACK TO THE REGION.

PRECIPITATION SUMMARY

SEPTEMBER PRECIPITATION WAS: 162 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 71 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 137 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

SEASONAL (OCTOBER THROUGH SEPTEMBER) PRECIPITATION WAS: 92 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 95 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 96 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLES.

TEMPERATURE SUMMARY

THE 37 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPARTED +0.9 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. MEAN TEMPERATURE DEPARTURES RANGED FROM -1.5 TO 3.0 DEGREES.

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.

09/10 A RECORD LOW TEMPERATURE OF 27 DEGREES WAS SET AT BAKER OR.

A RECORD LOW TEMPERATURE OF 44 DEGREES WAS SET AT EPHRATA WA.

09/19 A RECORD MAXIMUM RAINFALL OF 0.44 INCHES WAS SET AT WENATCHEE WA.

A RECORD MAXIMUM RAINFALL OF 0.51 INCHES WAS SET AT EPHRATA WA.

A RECORD MAXIMUM RAINFALL OF 0.74 INCHES WAS SET AT REDMOND OR.

09/17 A RECORD MAXIMUM RAINFALL OF 1.49 INCHES WAS SET AT SEATAC WA.

A RECORD MAXIMUM RAINFALL OF 1.67 INCHES WAS SET AT OLYMPIA WA.

09/18 A RECORD MAXIMUM RAINFALL OF 0.78 INCHES WAS SET AT SEATAC WA.

A RECORD MAXIMUM RAINFALL OF 0.85 INCHES WAS SET AT OLYMPIA WA.

A RECORD MAXIMUM RAINFALL OF 1.05 INCHES WAS SET AT SALEM OR.

A RECORD MAXIMUM RAINFALL OF 0.95 INCHES WAS SET AT PORTLAND OR.

09/25 A RECORD MAXIMUM RAINFALL OF 2.47 INCHES WAS SET AT QUILLAYUTE WA.

09/26 A RECORD HIGH TEMPERATURE OF 90 DEGREES WAS SET AT POCATELLO ID.

09/27 A RECORD MAXIMUM RAINFALL OF 1.26 INCHES WAS SET AT QUILLAYUTE WA.

09/28 A RECORD HIGH TEMPERATURE OF 87 DEGREES WAS SET AT IDAHO FALLS ID.

A RECORD HIGH TEMPERATURE OF 82 DEGREES WAS SET AT BUTTE MT.