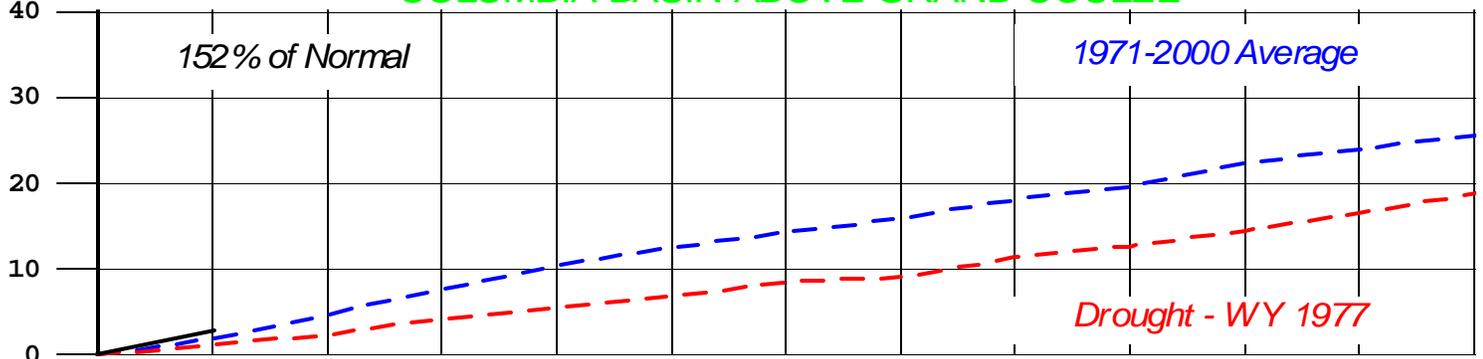


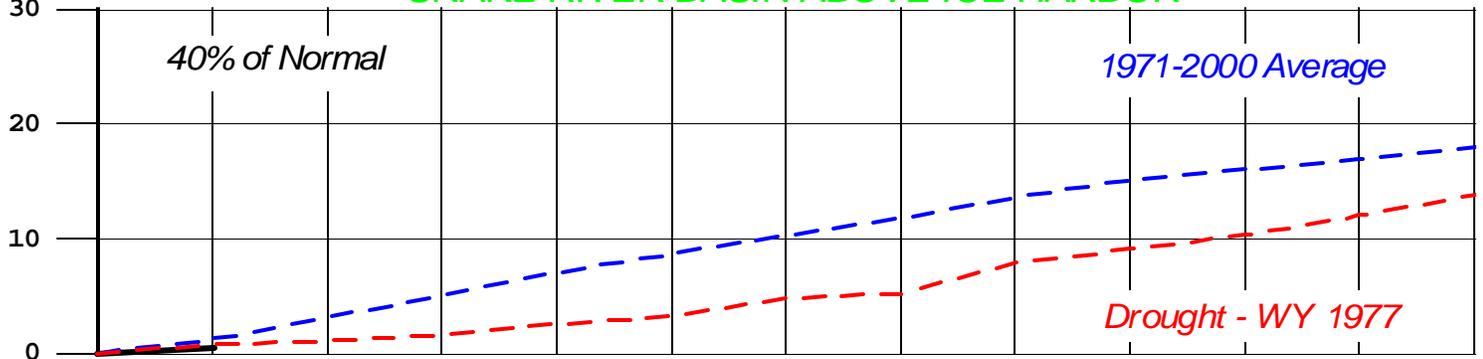
CUMULATIVE PRECIPITATION WATER YEAR 2004

ACCUMULATED PRECIPITATION IN INCHES

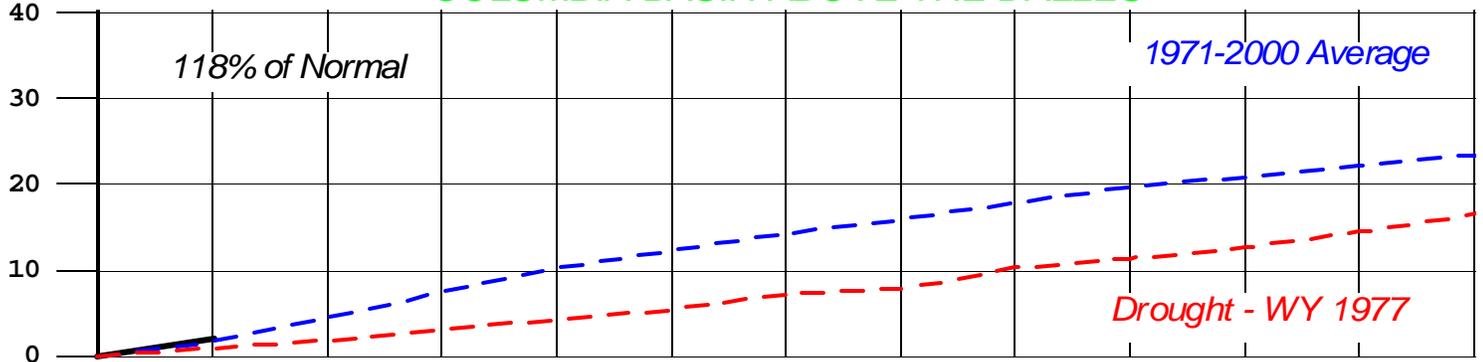
COLUMBIA BASIN ABOVE GRAND COULEE



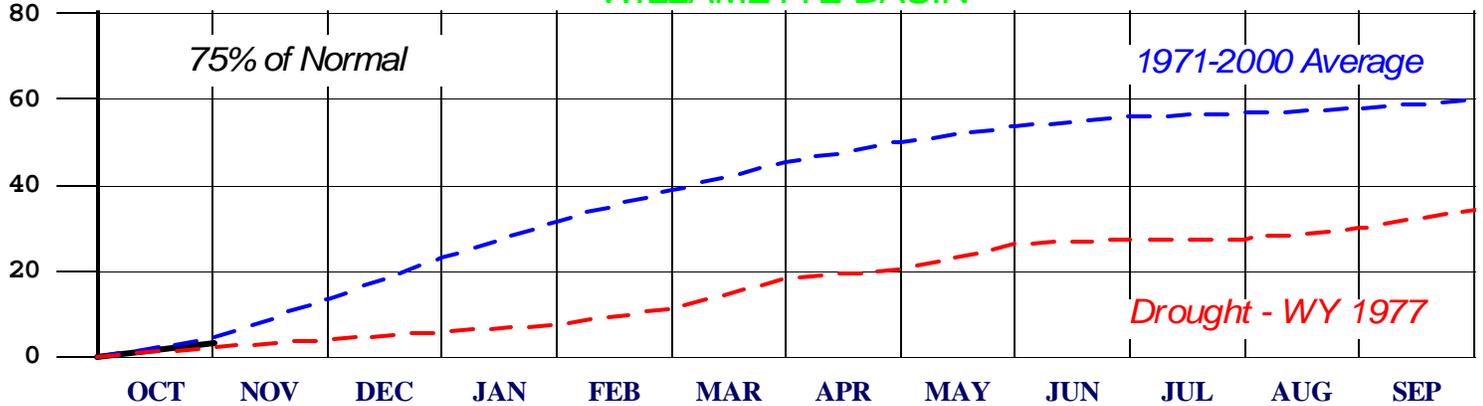
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



LAKE COUNTY-GOOSE LAKE	.08	-.66	11.	.94	.26	138.
HARNEY/ MALHEUR BASIN	.10	-.58	15.	.57	-.04	93.

This precipitation summary for the Columbia River Basin is based 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:](#)

10-2003	9-2003	8-2003	7-2003	6-2003	5-2003	4-2003	3-2003	2-2003	1-2003	12-2002
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Columbia Basin Seasonal Precipitation Division Averages
Northwest River Forecast Center

(Monthly Summary - Oct 2003)

DIVISION	..OCT TO DAY 31..		SEP - SEP....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT AV
COLUMBIA ABOVE COULEE	2.81	.96	152.	1.48	-.13	92.
SNAKE RV AB ICE HARBOR	.48	-.72	40.	.63	-.43	60.
COLUMBIA AB THE DALLES	1.96	.30	118.	1.07	-.23	83.
COLUMBIA AB CASTLEGAR	5.49	2.69	196.	2.21	-.04	98.
KOOTENAI	3.13	1.28	169.	1.33	-.29	82.
CLARK FORK	1.20	.02	101.	.95	-.26	78.
FLATHEAD	1.79	.11	107.	1.65	.02	101.
PEND OREILLE/ SPOKANE	2.26	.12	106.	1.41	-.09	94.
NORTHEAST WASHINGTON	1.21	.06	105.	.99	-.04	96.
OKANOGAN	2.55	1.54	253.	.68	-.30	69.
EAST SLOPES WASH CASC.	4.88	2.09	175.	.50	-.88	36.
CENTRAL WASHINGTON	.28	-.33	46.	.22	-.22	51.
UPPER SNAKE	.73	-.78	48.	1.22	-.23	84.
SNAKE RIVER PLAIN	.20	-.66	23.	.34	-.50	41.
OWYHEE/ MALHEUR	.11	-.63	15.	.32	-.28	54.
SALMON/ BOISE/ PAYETTE	.42	-.82	34.	.43	-.59	42.
BURNT/ GRANDE RONDE	.51	-.54	49.	.59	-.23	72.
CLEARWATER	1.62	-.55	75.	1.26	-.43	75.
SOUTHEAST WASHINGTON	.68	-.77	47.	1.10	.17	119.
UPPER JOHN DAY	.61	-.35	63.	.59	-.12	83.
UMATILLA/ LWR JOHN DAY	.81	-.36	69.	.77	.01	101.
UPR DESCHUTES/ CROOKED	.50	-.42	54.	.74	.15	126.
HOOD/ LOWER DESCHUTES	2.09	.03	101.	.92	-.24	79.

NW SLOPE WASH CASCADES	16.25	8.89	221.	3.14	-.81	80.
SW WA CASCADES/COWLITZ	6.90	1.37	125.	2.11	-1.00	68.
WILLAMETTE VALLEY	3.22	-1.07	75.	1.93	-.20	91.
ROGUE/ UMPQUA	.63	-1.93	25.	1.09	-.07	94.
KLAMATH BASIN	.09	-1.06	8.	.96	.27	139.
LAKE COUNTY-GOOSE LAKE	.21	-.64	25.	1.17	.49	172.
HARNEY/ MALHEUR BASIN	.35	-.44	44.	.61	.00	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.

WARMER AND WETTER THAN NORMAL OCTOBER ACROSS THE NORTH
WARMER AND DRIER THAN NORMAL OCTOBER ACROSS THE SOUTH

A ridge of high pressure across the southwest United States maintained drier than normal weather across most of Oregon and Southern Idaho. Across the rest of the Pacific Northwest, a ridge of high pressure and dry weather early in the month gave way to a more stormier weather pattern during the middle and latter part of the month. From October 17-21, a series of storm systems and a moist southwest flow originating in the tropics combined to produce very heavy rainfall across Northwest Washington and parts of Southern British Columbia.

PRECIPITATION SUMMARY

October precipitation was: 152 percent of normal (1971-2000) at Columbia above Coulee, 40 percent of normal at the Snake River at Ice Harbor, and 118 percent of normal at Columbia above the Dalles.

Seasonal (October through October) precipitation was: 92 percent normal (1971-2000) at Columbia above Coulee, 60 percent of normal at the Snake River above Ice Harbor, and 83 percent of normal at Columbia above the Dalles.

Daily precipitation records broken in October included 0.53 inches at Kalispell on the 28th and 4.12 inches at Olympia and 5.02 inches at Seattle on the 20th.

TEMPERATURE SUMMARY

The 31 station temperature index for the Pacific Northwest departed +3.7 degrees from normal relative to the 1971-2000 normals. Mean temperature departures ranged from 1.5 to 6.4 degrees.

High temperature records tied or broken in October included 75 at Missoula on the 17th, 82 at Boise on the 18th, 77(tie) at Yakima, at Portland, 77 at Salem, 80(tie) at Pocatello, 80 at Eugene, 84

Pendleton, and 84 at Boise on the 20th, 80 at Salem, 81 at Portla
82(tie) at Medford, 83 at Yakima, 84 at Boise, and 88 at Pendleto
the 21st, 69(tie) at Kalispell, 72(tie) at Missoula and 83 at
Pocatello on the 22nd, 83(tie) at Medford on the 25th, 72 at Astc
and 88 at Medford on the 26th, 73(tie) at Eugene and 74 at Salem
the 27th, 72 at Portland, 77 at Yakima and 80(tie) at Medford on
28th.

Low temperature records tied or broken in October included 19 at
Pocatello on the 19th and 7 at Pocatello and 30 at Sea-Tac Airpor
the 31st.

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Last Modified: August 7, 2003