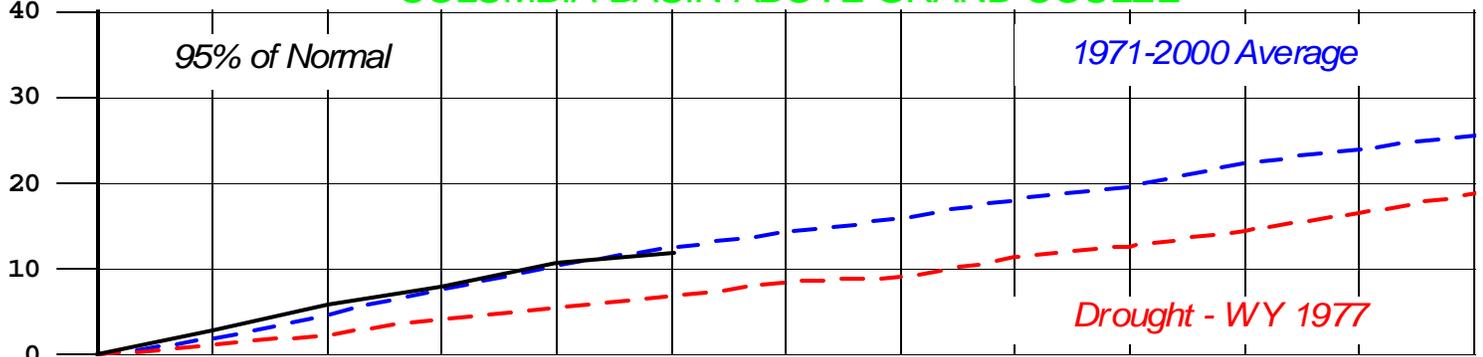


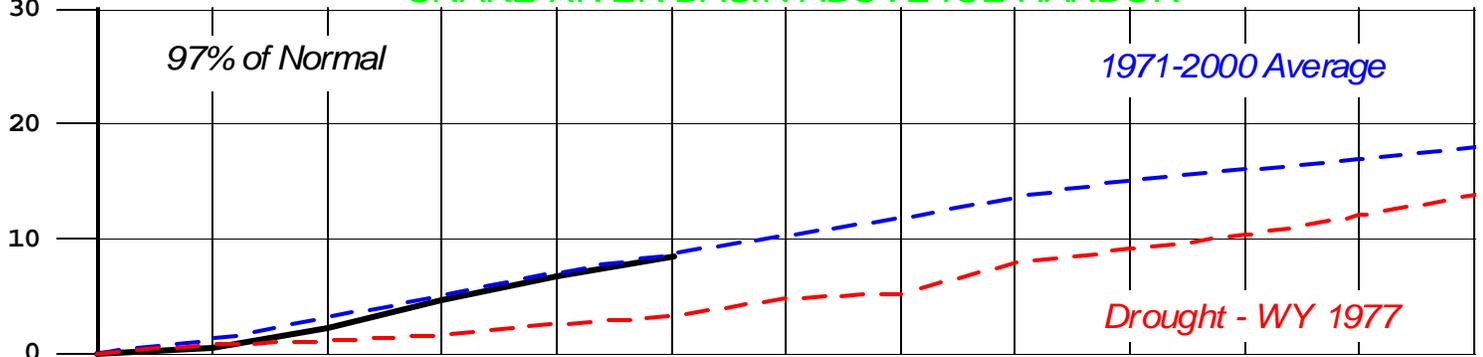
CUMULATIVE PRECIPITATION WATER YEAR 2004

ACCUMULATED PRECIPITATION IN INCHES

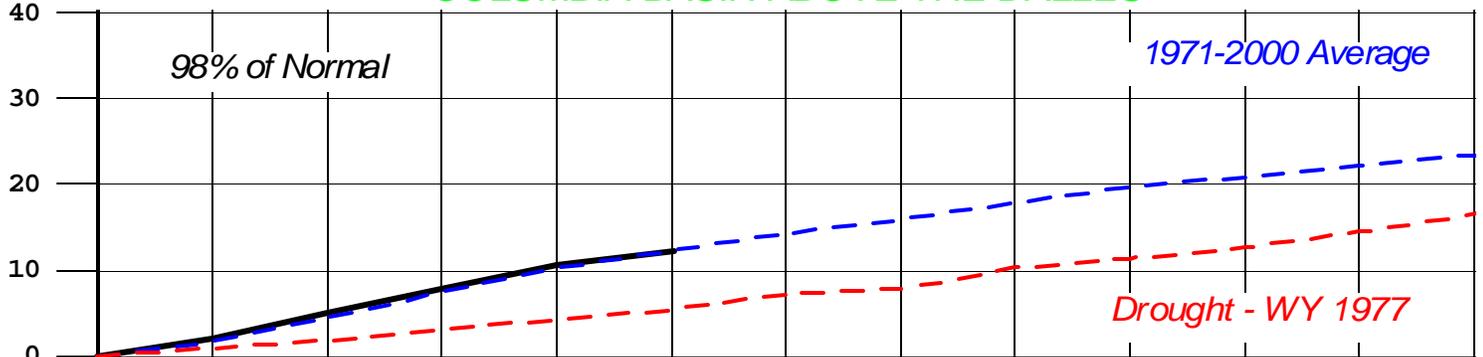
COLUMBIA BASIN ABOVE GRAND COULEE



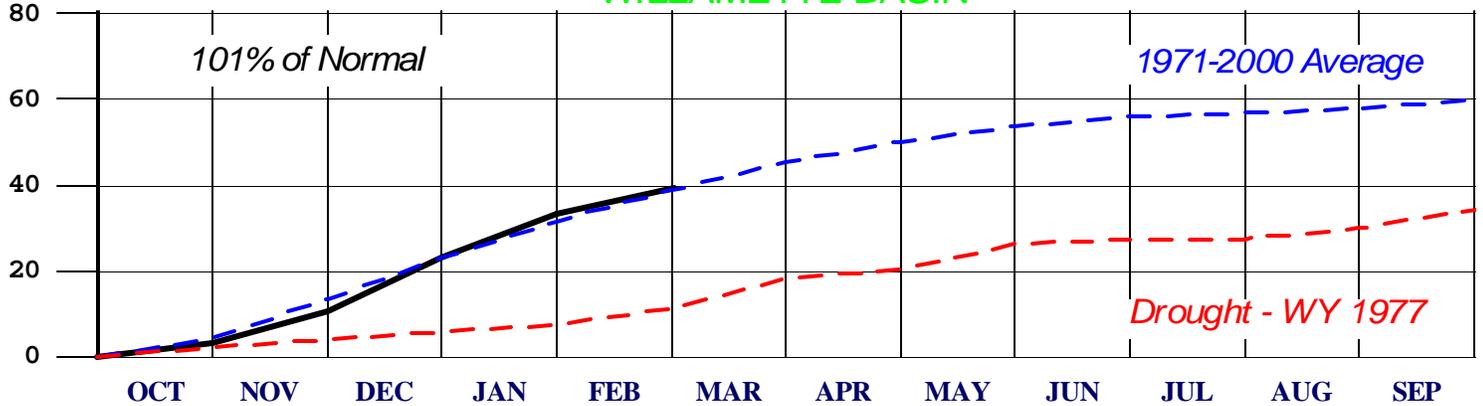
SNAKE RIVER BASIN ABOVE ICE HARBOR



COLUMBIA BASIN ABOVE THE DALLES



WILLAMETTE BASIN



LAKE COUNTY-GOOSE LAKE 1.05 .13 114. 5.24 -.82 87.
 HARNEY/ MALHEUR BASIN .99 .25 133. 5.52 .31 106.

This precipitation summary for the Columbia River Basin is based analysis using a limited number of reporting stations. Final value depicted in this narrative are prorated by the number of elapsed 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:](#)

2-2004	1-2004	12-2003	11-2003	11-2003	10-2003	9-2003	8-2003	7-2003	6-2003	5-2003
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Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - feb 2004)

DIVISION	..FEB TO DAY 29..		OCT - FEB....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT AV
COLUMBIA ABOVE COULEE	1.07	-.93	54.	11.88	-.58	95.
SNAKE RV AB ICE HARBOR	1.54	-.07	95.	8.38	-.26	97.
COLUMBIA AB THE DALLES	1.52	-.59	72.	12.16	-.21	98.
COLUMBIA AB CASTLEGAR	1.85	-.98	65.	18.86	.90	105.
KOOTENAI	1.13	-.81	58.	12.54	-.27	98.
CLARK FORK	.81	-.50	61.	6.73	-1.06	86.
FLATHEAD	.91	-.85	52.	9.74	-.81	92.
PEND OREILLE/ SPOKANE	1.91	-1.13	63.	16.65	-.77	96.
NORTHEAST WASHINGTON	1.08	-.51	68.	8.65	-.55	94.
OKANOGAN	1.40	.03	102.	9.08	1.22	116.
EAST SLOPES WASH CASC.	2.19	-2.74	44.	25.99	-2.17	92.
CENTRAL WASHINGTON	1.07	.21	125.	4.76	-.32	94.
UPPER SNAKE	1.47	-.29	84.	9.76	.15	102.
SNAKE RIVER PLAIN	1.17	.29	133.	4.46	-.52	90.
OWYHEE/ MALHEUR	1.26	.26	126.	5.37	-.05	99.
SALMON/ BOISE/ PAYETTE	1.80	-.26	88.	10.11	-.72	93.
BURNT/ GRANDE RONDE	1.54	.14	110.	8.54	.32	104.
CLEARWATER	2.37	-.50	82.	16.28	.47	103.
SOUTHEAST WASHINGTON	1.49	-.46	76.	9.51	-1.06	90.
UPPER JOHN DAY	1.48	.27	122.	8.40	1.11	115.
UMATILLA/ LWR JOHN DAY	1.36	-.21	86.	10.13	1.40	116.
UPR DESCHUTES/ CROOKED	2.22	.70	146.	9.95	1.37	116.
HOOD/ LOWER DESCHUTES	2.98	-.45	87.	19.62	.79	104.

NW SLOPE WASH CASCADES	4.16	-5.63	42.	57.86	1.05	102.
SW WA CASCADES/COWLITZ	5.39	-3.02	64.	43.67	-2.72	94.
WILLAMETTE VALLEY	6.20	-1.05	85.	39.46	.58	101.
ROGUE/ UMPQUA	5.30	.78	117.	26.97	3.27	114.
KLAMATH BASIN	3.38	1.24	158.	12.60	.99	109.
LAKE COUNTY-GOOSE LAKE	1.77	.56	146.	5.97	-.39	94.
HARNEY/ MALHEUR BASIN	1.08	.10	111.	5.20	-.25	95.

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.

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ABOVE NORMAL TEMPERATURES WEST OF THE CASCADE RANGE. GENERALLY BELOW NORMAL TEMPERATURES EAST OF THE CASCADE RANGE. BELOW NORMAL PRECIPITATION IN FEBRUARY.

Early in the month - mild then a cold frontal passage developed. Mid to end of the month - a continuing series of waves of unsettled eastern pacific weather systems developed producing below normal precipitation over the region. Temperatures were 1-3 degrees above normal west of the Cascade range and generally 0.50 to -7.0 degree below normal east of the Cascade mountains with the colder temperatures in east - southeast Idaho and northern Nevada.

PRECIPITATION SUMMARY

February precipitation was: 54 percent of normal (1971-2000) at Columbia above Coulee, 95 percent of normal at the Snake River above Ice Harbor, and 72 percent at Columbia above the Dalles.

Seasonal (October through February) precipitation was: 95 percent normal (1971-2000) at Columbia above Coulee, 97 percent of normal at the Snake River above Ice Harbor, and 98 percent at Columbia above the Dalles.

Daily precipitation records were broken in February. On the 7th 0.57 inches; 28th 0.67 inches at Pocatello.

TEMPERATURE SUMMARY

The 31 station temperature index for the Pacific Northwest departed -1.0 degrees from normal relative to the 1971-2000 normals. Mean temperature departures ranged from -7.5 to 4.5 degrees.

No high or low temperatures records were tied or broken in February.