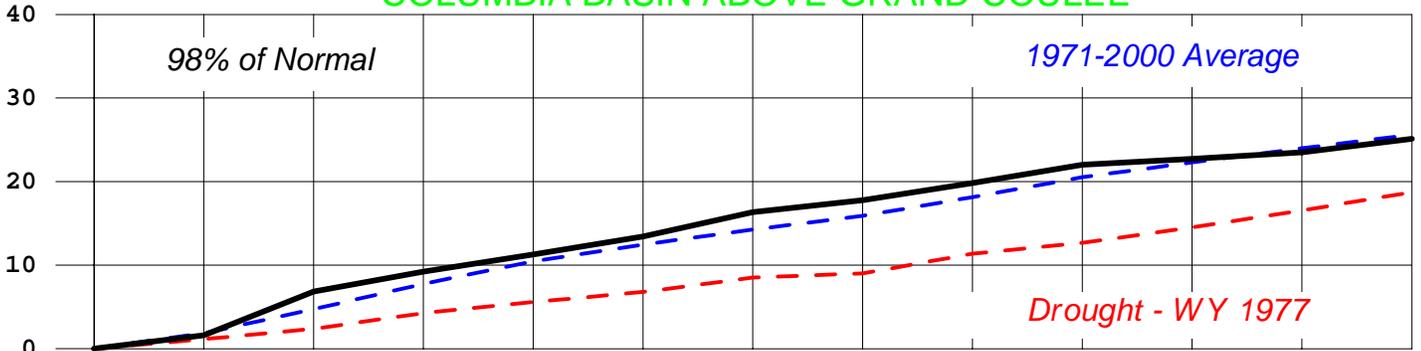
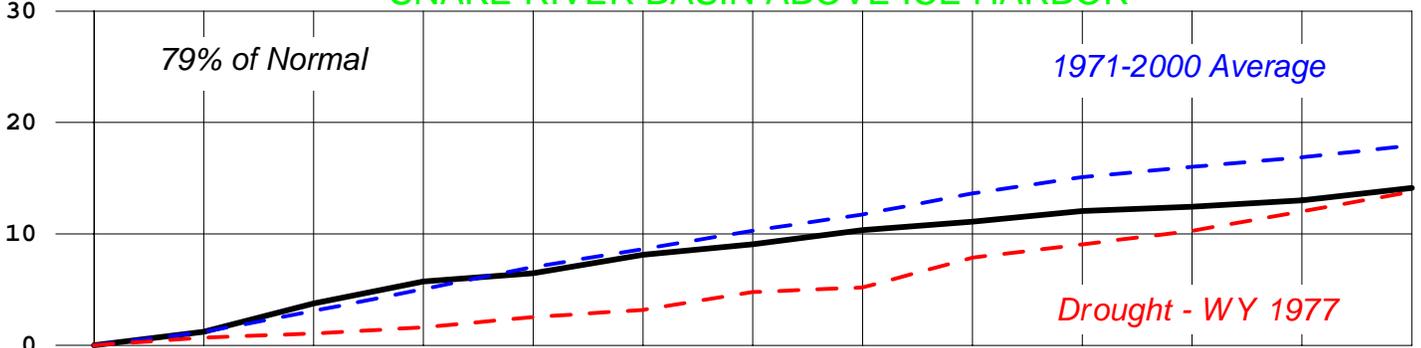


# CUMULATIVE PRECIPITATION WATER YEAR 2007

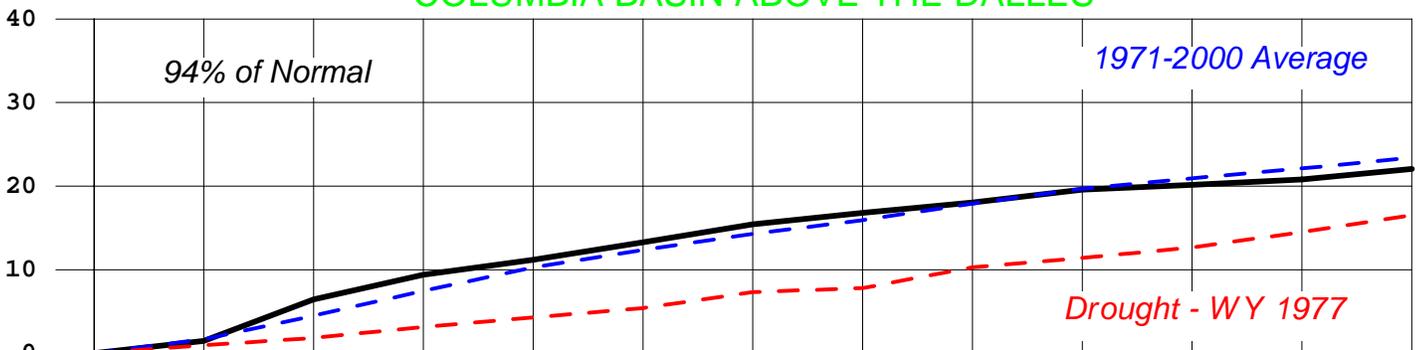
## COLUMBIA BASIN ABOVE GRAND COULEE



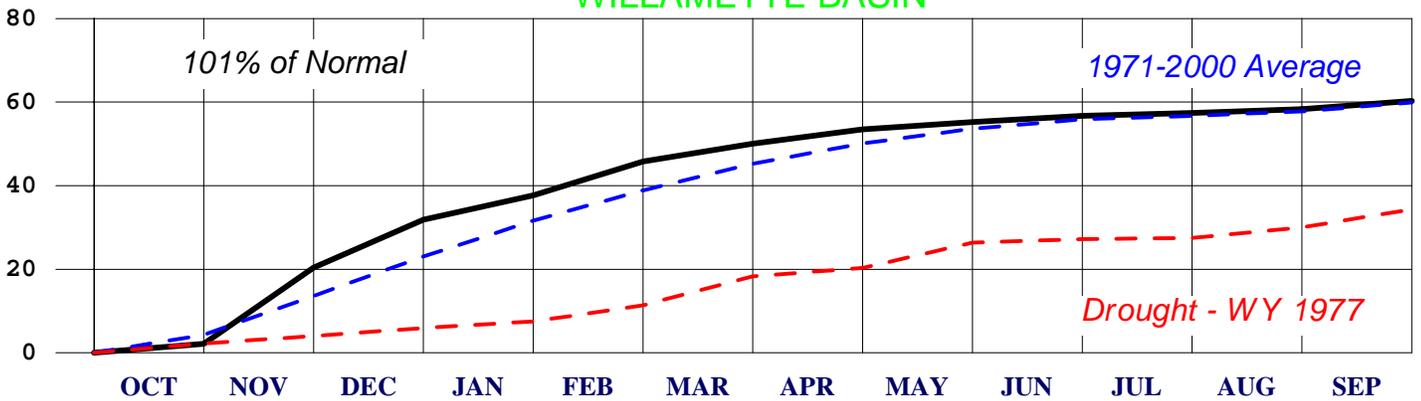
## SNAKE RIVER BASIN ABOVE ICE HARBOR



## COLUMBIA BASIN ABOVE THE DALLES



## WILLAMETTE BASIN



ACCUMULATED PRECIPITATION IN INCHES

ROGUE/ UMPQUA	0.26	-0.67	28.	37.64	1.95	105.
KLAMATH BASIN	0.16	-0.39	30.	16.34	-2.14	88.
LAKE COUNTY-GOOSE LAKE	0.40	-0.14	74.	9.59	-3.17	75.
HARNEY/ MALHEUR BASIN	0.53	0.04	108.	8.57	-2.96	74.

This precipitation summary for the Columbia River Basin is based on 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:

9/2007

#### Columbia Basin Seasonal Precipitation Division Averages Northwest River Forecast Center

(Monthly Summary - sep 2007)

DIVISION	..SEP TO DAY 30..			....OCT - SEP....		
	OBSD	DEP	PCT AV	OBSD	DEP	PCT
COLUMBIA ABOVE COULEE	1.64	0.03	102.	25.13	-0.47	98.
SNAKE RV AB ICE HARBOR	1.12	0.06	105.	14.13	-3.81	79.
COLUMBIA AB THE DALLES	1.24	-0.06	96.	22.06	-1.36	94.
COLUMBIA AB CASTLEGAR	2.62	0.37	117.	35.89	1.08	103.
KOOTENAI	1.16	-0.46	72.	26.09	-0.14	99.
CLARK FORK	1.69	0.48	140.	17.30	-0.61	97.
FLATHEAD	1.64	0.01	101.	21.30	-2.37	90.
PEND OREILLE/ SPOKANE	0.68	-0.82	45.	26.53	-4.86	85.
NORTHEAST WASHINGTON	0.66	-0.37	64.	15.51	-4.38	78.
OKANOGAN	1.10	0.12	112.	16.85	0.53	103.
EAST SLOPES WASH CASC.	0.56	-0.81	41.	42.24	2.72	107.
CENTRAL WASHINGTON	0.29	-0.15	66.	8.04	-1.11	88.
UPPER SNAKE	1.54	0.09	106.	17.16	-4.07	81.
SNAKE RIVER PLAIN	0.79	-0.05	94.	8.44	-3.17	73.
OWYHEE/ MALHEUR	1.09	0.49	181.	8.11	-3.13	72.
SALMON/ BOISE/ PAYETTE	1.30	0.28	127.	15.93	-4.22	79.
BURNT/ GRANDE RONDE	0.33	-0.49	40.	11.55	-4.89	70.
CLEARWATER	1.09	-0.60	64.	27.35	-3.79	88.
SOUTHEAST WASHINGTON	0.23	-0.70	25.	16.43	-3.34	83.
UPPER JOHN DAY	0.62	-0.09	87.	13.14	-1.80	88.
UMATILLA/ LWR JOHN DAY	0.41	-0.35	53.	16.65	0.21	101.
UPR DESCHUTES/ CROOKED	0.66	0.07	111.	13.36	-1.32	91.

HOOD/ LOWER DESCHUTES	0.84	-0.32	72.	30.59	1.88	107.
NW SLOPE WASH CASCADES	2.92	-1.03	74.	93.67	5.42	106.
SW WA CASCADES/COWLITZ	1.99	-1.12	64.	68.47	-3.14	96.
WILLAMETTE VALLEY	1.97	-0.16	92.	60.28	0.36	101.
ROGUE/ UMPQUA	1.04	-0.12	89.	38.41	2.49	107.
KLAMATH BASIN	0.67	-0.02	98.	16.85	-1.77	91.
LAKE COUNTY-GOOSE LAKE	1.20	0.52	176.	10.39	-2.51	81.
HARNEY/ MALHEUR BASIN	0.53	-0.08	87.	8.57	-3.08	74.

Columbia River Basin division values are computed by utilizing un-weighted precipitation amounts from key stations in each ar

Precipitation normals are based on 1971-2000 historical data.

Please contact NWRFC for further information: (503) 326-7291.

AFTER A LONG HOT SUMMER FOR MUCH OF THE NORTHWEST, A WELCOME TRANSITION TO COOLER WEATHER OCCURRED FOR MOST OF THE REGION DU THE MONTH OF SEPTEMBER 2007. SEPTEMBER WEATHER WAS FAIRLY TYPIC MUCH OF THE MONTH, WITH NEAR NORMAL TEMPERATURES AND FEW RECORD EVENTS. A SIGNIFICANT PATTERN SHIFT TO A LATE AUTUMN-LIKE AIRMA SPREAD INTO THE PACIFIC NORTHWEST DURING THE LAST COUPLE DAYS C MONTH. THE COLD FRONT ASSOCIATED WITH THIS PATTERN SHIFT BROUGH RECORD RAINS TO MANY WESTSIDE LOCATIONS, WITH COLD TEMPERATURES SNOW FALLING AS LOW AS PORTIONS OF THE SNAKE RIVER PLAIN. COOL TEMPERATURES PERSISTED THROUGHOUT THE PACIFIC NORTHWEST INTO TH FIRST FEW DAYS OF OCTOBER.

#### PRECIPITATION SUMMARY

SEPTEMBER 2007 WAS BRACKETED BY SIGNIFICANT STORM SYSTEMS DURIN BEGINNING AND THE END OF THE MONTH, WHICH RESULTED IN MUCH OF T PRECIPITATION THAT FELL THROUGHOUT THE REGION DURING THE MONTH. DURING THE FIRST FEW DAYS OF SEPTEMBER, AS STRONG FRONTAL SYSTE BROUGHT DAILY RECORD RAINFALL TOTALS TO PORTIONS OF THE NORTHWE FIRST MOVING THROUGH WESTERN WASHINGTON ON THE 3RD, THEN TRACKI INTO EASTERN OREGON, IDAHO AND MONTANA ON THE 4TH. AFTER THIS S MOVED THROUGH, MUCH OF THE NORTHWEST RETURNED TO A DRIER RIDGE PATTERN FOR THE NEXT THREE WEEKS. DURING THIS RIDGE PATTERN, OCCASIONAL WEAK DISTURBANCES BROKE THROUGH THE RIDGE, AND BROUG SCATTERED SHOWERS AND THUNDERSTORMS TO THE PACIFIC NORTHWEST. E TIME OF THE AUTUMNAL EQUINOX, IT APPEARED MUCH OF THE REGION WA HEADED FOR ANOTHER DRIER THAN AVERAGE MONTH.

HOWEVER AUTUMN ARRIVED ON CUE AS A STRONG TRANSITION TO A COOLE MORE UNSETTLED PATTERN DEVELOPED DURING THE WEEK OF THE 23RD. SIGNIFICANT RAINS SPREAD INTO WESTSIDE BASINS ALONG WITH MUCH C THAN NORMAL TEMPERATURES. BY THE END OF THE MONTH, MANY WESTSID BASINS HAD RECEIVED WELL ABOVE THE NORMAL RAINFALL FOR THE MONT SEPTEMBER, AND MANY LOCATIONS BROKE RAINFALL RECORDS DURING THE PERIOD OF SEPT 28-30. SNOW LEVELS FELL QUICKLY AS THE MONTH ENDED, AND SNOW IS ALREADY BEGINNING TO PILE UP IN THE HIGHER CASCADE AND NORTHERN ROCKY MOUNTAINS AS WE HEAD INTO EARLY OCTO

SEPTEMBER PRECIPITATION WAS: 102 PERCENT OF NORMAL (1971-2000) COLUMBIA ABOVE COULEE, 105 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 96 PERCENT OF NORMAL AT COLUMBIA ABOVE TH DALLEES.

SEASONAL (OCTOBER THROUGH SEPTEMBER) PRECIPITATION WAS: 98 PERCENT OF NORMAL (1971-2000) AT COLUMBIA ABOVE COULEE, 79 PERCENT OF NORMAL AT THE SNAKE RIVER ABOVE ICE HARBOR, AND 94 PERCENT OF NORMAL AT COLUMBIA ABOVE THE DALLEES.

LISTED BELOW IS AN UNOFFICIAL SUMMARY OF NEW PRECIPITATION RECORDS REPORTED BY NWS FORECAST OFFICES DURING THE MONTH OF SEPTEMBER FOR OFFICIAL INFORMATION, PLEASE CONTACT YOUR LOCAL FORECAST OFFICE OR THE NATIONAL CLIMATIC DATA CENTER.

#### DAILY MAXIMUM PRECIPITATION RECORDS

ON SEPTEMBER 3, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
QUILLAYUTE, WA	1.27 INCHES	0.71 INCHES IN 1978
BURLEY, ID	0.57 INCHES	0.40 INCHES IN 1995
SEATAC AIRPORT, WA	0.46 INCHES	0.43 INCHES IN 1994

ON SEPTEMBER 4, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
BUTTE, MT	0.86 INCHES	0.61 INCHES IN 1925
MONUMENT, OR	0.52 INCHES	0.46 INCHES IN 1970
BEND, OR	0.48 INCHES	0.33 INCHES IN 1952
HEPPNER, OR	0.27 INCHES	0.16 INCHES IN 1997
PELTON DAM, OR	0.22 INCHES	0.03 INCHES IN 1970
YAKIMA, WA	0.08 INCHES	0.01 INCHES IN 1978

ON SEPTEMBER 19, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
STANLEY, ID	0.20 INCHES	0.19 INCHES IN 2006

ON SEPTEMBER 23, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
MISSOULA, MT	1.01 INCHES	0.76 INCHES IN 1930

ON SEPTEMBER 28, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
PORTLAND, OR	1.10 INCHES	0.78 INCHES IN 1962
WHITMAN MISSION, WA	0.18 INCHES	0.15 INCHES IN 1977
KENNEWICK, WA	0.17 INCHES	0.13 INCHES IN 1962

ON SEPTEMBER 30, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
EUGENE, OR	1.18 INCHES	0.78 INCHES IN 2005
SEATTLE, WA	0.79 INCHES	0.51 INCHES IN 1995
CHELAN, WA	0.75 INCHES	0.09 INCHES IN 1964
OMAK, WA	0.71 INCHES	0.12 INCHES IN 1951
SATUS PASS, WA	0.59 INCHES	0.36 INCHES IN 2005
DALLESPORT AIRPORT, WA	0.56 INCHES	0.48 INCHES IN 1951
CHIEF JOSEPH DAM, WA	0.55 INCHES	0.15 INCHES IN 1951

PENDLETON, OR	0.53 INCHES	0.17 INCHES IN 1918
GOLDENDALE, WA	0.44 INCHES	0.42 INCHES IN 1951
MORO, OR	0.35 INCHES	0.17 INCHES IN 1951
EPHRATA, WA	0.27 INCHES	0.24 INCHES IN 2005
CONDON, OR	0.25 INCHES	0.21 INCHES IN 2000
PELTON DAM, OR	0.25 INCHES	0.20 INCHES IN 1989
PRIEST RAPIDS DAM, WA	0.16 INCHES	0.10 INCHES IN 2005
WENATCHEE AIRPORT, WA	0.11 INCHES	0.03 INCHES IN 1971

#### TEMPERATURE SUMMARY

THE 31 STATION TEMPERATURE INDEX FOR THE PACIFIC NORTHWEST DEPARTURE FROM NORMAL WAS +0.1 DEGREES FROM NORMAL RELATIVE TO THE 1971-2000 NORMALS. MAXIMUM TEMPERATURE DEPARTURES RANGED FROM -3.7 TO 8.1 DEGREES.

THE FOLLOWING IS A LIST SUMMARIZING SOME OF THE TEMPERATURE RECORDS BROKEN DURING THE MONTH OF SEPTEMBER 2007:

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 SEPTEMBER

ON SEPTEMBER 2, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
CHALLIS, ID	93	92 SET IN 1967
ANACONDA, MT	90 (T)	90 SET IN 1998

ON SEPTEMBER 3, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
POCATELLO, ID	96 (T)	96 SET IN 1950
CHALLIS, ID	95	94 SET IN 1950

ON SEPTEMBER 10, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
VANCOUVER, WA	94 (T)	94 SET IN 1973
TILLAMOOK, OR	93	92 SET IN 1973
HOQUIAM, WA	88	86 SET IN 1973
SEATAC AIRPORT, WA	85 (T)	85 SET IN 1946

ON SEPTEMBER 11, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
REDMOND, OR	92	91 SET IN 2002
HILLSBORO, OR	91 (T)	91 SET IN 1975
OLYMPIA, WA	87	86 SET IN 1969
SEATAC AIRPORT, WA	84	83 SET IN 1975
SEATTLE, WA	83	80 SET IN 1989

#### RECORD LOW TEMPERATURES (DEGREES F) TIED OR BROKEN IN SEPTEMBER

ON SEPTEMBER 8, 2007:

LOCATION	NEW RECORD	PREVIOUS RECORD
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<b>BOUNDARY DAM, WA</b>	<b>31</b>	<b>34 SET IN 2005</b>
<b>ON SEPTEMBER 10, 2007:</b>		
<b>LOCATION</b>	<b>NEW RECORD</b>	<b>PREVIOUS RECORD</b>
<b>MEACHAM, OR</b>	<b>27</b>	<b>28 SET IN 2006</b>
<b>MONUMENT, OR</b>	<b>33</b>	<b>35 SET IN 1964</b>
<b>ON SEPTEMBER 20, 2007:</b>		
<b>LOCATION</b>	<b>NEW RECORD</b>	<b>PREVIOUS RECORD</b>
<b>MEACHAM, OR</b>	<b>23</b>	<b>27 SET IN 2005</b>
<b>ON SEPTEMBER 21, 2007:</b>		
<b>LOCATION</b>	<b>NEW RECORD</b>	<b>PREVIOUS RECORD</b>
<b>DAVENPORT, WA</b>	<b>26</b>	<b>27 SET IN 1932</b>
<b>ON SEPTEMBER 24, 2007:</b>		
<b>LOCATION</b>	<b>NEW RECORD</b>	<b>PREVIOUS RECORD</b>
<b>MEACHAM, OR</b>	<b>20 (T)</b>	<b>20 SET IN 2000</b>
<b>ON SEPTEMBER 30, 2007:</b>		
<b>LOCATION</b>	<b>NEW RECORD</b>	<b>PREVIOUS RECORD</b>
<b>CHALLIS, ID</b>	<b>24</b>	<b>25 SET IN 1985</b>
<b>KLAMATH FALLS, OR</b>	<b>24</b>	<b>27 SET IN 1965</b>

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