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...2006...WESTERN WASHINGTON WEATHER YEAR IN REVIEW...

THE YEAR WAS HIGHLIGHTED BY ONE OF THE MOST SUNNY AND DRY SUMMERS EVER REMEMBERED SANDWICHED BY A WET JANUARY AND A STORMY WET AND EVENTFUL FALL. THERE WERE EIGHT DIRECT WEATHER-RELATED DEATHS IN WESTERN WASHINGTON...THE MOST FATALITIES SINCE 1997. THERE WERE ALSO NINE INDIRECT FATALITIES ALL ASSOCIATED WITH THE MID DECEMBER WIND STORM. WEATHER RELATED PROPERTY DAMAGES TOTALED ABOUT \$17.4 MILLION THROUGH OCTOBER. THE NOVEMBER AND DECEMBER TOTALS WERE NOT YET AVAILABLE AND WILL LIKELY BE OUITE SUBSTANTIAL.

THE YEAR BEGAN WITH ONE OF THE WETTEST JANUARYS EVER ON RECORD. SEATTLE RECORDED 27 STRAIGHT DAYS OF MEASURABLE PRECIPITATION. THE HEAVY AMOUNTS OF RAINFALL PRODUCED SOME FLOODING AND LANDSLIDES. THE WET JANUARY WAS FOLLOWED BY A STRONG WIND STORM IN EARLY FEBRUARY...KNOCKING POWER OUT TO 265000 CUSTOMERS AND CLOSED THE EVERGREEN POINT FLOATING BRIDGE FOR THE FIRST TIME IN SEVEN YEARS DUE TO HIGH WINDS.

THE SUMMER WAS ONE OF THE DRIEST AND SUNNIEST IN MEMORY...EXTENDING FROM MID JUNE THROUGH MID SEPTEMBER. THERE WERE TWO HEAT WAVES DURING THE SUMMER... THE FIRST ON JUNE 25 AND 26...AND THE NEXT FROM JULY 20-22. OLYMPIA HAD THEIR FOURTH WARMEST TEMPERATURE EVER RECORDED WITH 101 DEGREES ON JULY 21ST.

THEN THERE WAS THIS FALL AND THE NOVEMBER TO REMEMBER. THE MONTH BEGAN WITH COPIOUS AMOUNTS OF RAINFALL RESULTING IN WIDESPREAD MAJOR FLOODING AND SOME LANDSLIDES. TWELVE RIVERS REACHED ALL-TIME RECORD HIGH FLOOD CREST LEVELS. THE FLOODING WAS FOLLOWED BY A PAIR OF WIND STORMS THAT POUNDED THE NORTHERN PORTIONS OF WESTERN WASHINGTON KNOCKING DOWN HUNDREDS OF TREES ONTO ROADS ...POWER LINES AND HOMES FROM THE NORTH COAST TO WHATCOM COUNTY...AND DISRUPTING POWER TO OVER 120000 CUSTOMERS. THE MONTH FINISHED WITH A PERIOD OF COLD WEATHER AND LOWLAND SNOW. SOME NORTHERN LOCATIONS GOT MORE THAN A FOOT OF SNOW. AND TO TOP IT OFF...SEATTLE HAD THE MOST RAIN IN ONE MONTH EVER SINCE RECORDS BEGIN IN THE REGION IN 1891 WITH 15.63 INCHES AT SEATAC AIRPORT. NWS SEATTLE ALSO CRUSHED ITS ALL-TIME RECORD OF MEDIA INTERVIEWS WITH 714. IT WAS QUITE THE MONTH.

ALL OF THIS WAS FOLLOWED IN MID DECEMBER BY THE STRONGEST WIND STORM TO STRIKE THE PACIFIC NORTHWEST SINCE THE INAUGURATION DAY STORM OF 1993. WINDS OF UP TO 90 MPH ON THE COAST AND 70 MPH IN THE INTERIOR BLEW DOWN THOUSANDS OF TREES...KNOCKED POWER OUT TO

CLOSE TO 1.5 MILLION CUSTOMERS AND RESULTED IN FOUR DIRECT FATALITIES FROM FALLEN TREES AND ONE DROWNING IN A HOME. NINE OTHERS DIED AS A RESULT OF INDIRECT CAUSES FOLLOWING THE STORM...PRIMARILY FROM CARBON DIOXIDE POISONING FROM GAS GENERATORS OR GRILLS IN HOMES.

THE OTHER WEATHER-RELATED FATALITIES DURING THE YEAR INVOLVED A 5-YEAR OLD GIRL STRUCK BY A TREE LIMB NEAR LAKE WHATCOM DURING A BLUSTERY JANUARY DAY... AN AVALANCHE FATALITY ON MT BAKER IN APRIL AND TWO DROWNINGS ALONG THE COWLITZ RIVER DURING THE EARLY NOVEMBER FLOODS...THE FIRST FLOOD FATALITIES THIS CENTURY.

THERE WERE TWO BRIEF TORNADOES THIS YEAR...CLOSE TO THE STATES AVERAGE OF BETWEEN ONE AND TWO TORNADOES PER YEAR.

OTHER WEATHER HIGHLIGHTS INCLUDED:

- SEVERAL OTHER WIND STORMS OCCURRED DURING THE WINTER AND FALL KNOCKING OUT POWER TO THOUSANDS AND TOPPLING HUNDREDS OF TREES - COASTAL FLOODING ALSO OCCURRED DURING THE EARLY FEBRUARY WIND STORM ALONG THE COAST AND NORTH INTERIOR COASTLINES.
- THE EARLY NOVEMBER FLOODS DAMAGED ROADS...TRAILS AND CAMPGROUNDS THROUGHOUT MUCH OF MT RAINIER NATIONAL PARK...CLOSING THE PART UNTIL FURTHER NOTICE.

FOR THE YEAR...TEMPERATURES IN WESTERN WASHINGTON FINISHED THE YEAR LESS THAN ONE DEGREE ABOVE AVERAGE...WHILE PRECIPITATION WILL FINISH ABOUT 5 TO 10 INCHES ABOVE AVERAGE PRIMARILY BECAUSE OF THE QUITE WET MONTHS OF JANUARY AND NOVEMBER.

WARM EL NINO CONDITIONS IN THE EASTERN PACIFIC OCEAN TROPICAL WATERS ARE EXPECTED TO STEER THE PACIFIC STORM TRACK SOUTH INTO CALIFORNIA BY THE END OF THE YEAR...QUITE TYPICAL FOR AN EL NINO EVENT.

A LIST OF SIGNIFICANT 2006 EVENTS IN WESTERN WASHINGTON IS GIVEN BELOW...AS WELL AS RECORD TEMPERATURES FOR SELECTED LOCATIONS.

SIGNIFICANT EVENTS

TORNADOS/WATERSPOUTS/FUNNEL CLOUDS

1/28 – 5 SE OF LACEY – THURSTON COUNTY A F0 TORNADO WAS ON THE GROUND FOR A HALF MILE IN LESS THAN 2 MINUTES WITH NO DAMAGE.

6/6 – 3 E OF SULTAN – SNOHOMISH COUNTY A F0 TORNADO BRIEFLY TOUCHED DOWN NEAR US HWY 2 WITH NO DAMAGE.

10/29 – KIRKLAND – KING COUNTY A FUNNEL CLOUD WAS SPOTTED FOR A FEW MINUTES.

LIGHTNING

NO SIGNIFICANT EVENTS THIS YEAR

HAIL

3/10 – REDMOND – KING COUNTY ONE INCH DIAMETER HAIL BRIEFLY FELL IN REDMOND.

4/15 – MARYSVILLE – SNOHOMISH COUNTY ONE INCH DIAMETER HAIL BRIEFLY FELL IN MARYSVILLE.

HIGH WINDS

1/1 – CENTRAL COAST

STRONG WINDS WITH GUSTS UP TO 52 MPH KNOCKED POWER OUT TO ABOUT 2500 CUSTOMERS IN GRAYS HARBOR COUNTY AND CAUSED ABOUT \$20000 IN DAMAGE.

1/7 – WHATCOM COUNTY

NEAR LAKE WHATCOM...AN OLD TREE LIMB FELL ONTO A 5 YEAR OLD GIRL DURING BLUSTERY WINDS OF UP TO 23 MPH...KILLING HER.

1/31 – NORTH COAST AND WHATCOM COUNTY STRONG WINDS OF UP TO 60 MPH KNOCKED POWER TO ABOUT 10000 CUSTOMERS AROUND FORKS AND BELLINGHAM. THREE CARS WERE DAMAGED BY FALLEN TREES WITH ABOUT \$40000 IN DAMAGE.

2/3-4 – MUCH OF WESTERN WASHINGTON

WIDESPREAD STRONG DAMAGING WINDS OF UP TO 68 MPH KNOCKED OUT POWER TO ABOUT 265000 CUSTOMERS TRHOUGHOUT THE REGION. THE HOOD CANAL BRIDGE CLOSED DURING THE EVENT AND FOR THE FIRST TIME IN 7 YEARS...THE EVERGREEN POINT FLOATING BRIDGE CLOSED. FERRY SERVICE WAS ALSO INTERRUPTED. A FEW ROOFS BLEW OFF WHILE MANY MORE ROOFS WERE DAMAGED BY FALLEN TREES WITH ONE MAN IN TUMWATER INJURED WHEN A TREE FELL ONTO HIS HOME. TOTAL DAMAGE WAS ESTIMATED AT \$7.5 MILLION.

2/10 – CENTRAL COAST AND CENTRAL CASCADE FOOTHILLS STRONG EAST WINDS OF UP TO 53 MPH KNOCKED POWER OUT TO MORE THAN 4000 CUSTOMERS. TREES FELL ON SEVERAL HOMES AND FENCES WERE BLOWN DOWN. DAMAGES WERE ESTIMATED AT \$105000.

2/17 – CENTRAL CASCADE FOOTHILLS/TACOMA AREA AND SOUTHWEST INTERIOR

STRONG EASTERLY WINDS OF UP TO 54 MPH KNOCKED DOWN DOZEN OF TREES ONTO HOMES AND VEHICLES AS WELL AS ROADS. ONE COUNTY ROAD WORKER SUFFERED SERIOUS LEG INJURIES BY A FALLING TREE. SEVERAL ROADS WERE CLOSED DUE TO FALLEN TREES. MORE THAN 60000 CUSTOMERS LOST POWER.

ANDERSON ISLAND FERRY SERVICE WAS DISRUPTED SINCE THE AUTO RAMP SANK. TOTAL DAMAGES WERE ESTIMATED CLOSE TO \$1.22 MILLION.

2/27 – STRAIT OF JUAN DE FUCA REGION

STRONG WESTERLY WINDS RIPPED UP PARTS OF A FEW ROOFS AND OVERTURNED A MOBILE HOME. ABOUT 5000 CUSTOMERS LOST POWER. SCHOOLS WERE DELAYED OR CANCELLED DUE TO POWER OUTAGES. TOTAL DAMAGES WERE ESTIMATED NEAR \$100000.

3/8 – EVERETT AREA / ADMIRALTY INLET REGION AND THE CENTRAL COAST STRONG WINDS OF UP TO 59 MPH KNOCKED POWER OUT TO ABOUT 36000 CUSTOMERS. TREES FELL ONTO ROADS OR POWER LINES WITH ONE TREE ONTO A MONTESANO HOME. TOTAL DAMAGES WERE ESTIMATED CLOSE TO A HALF MILLION DOLLARS.

3/23 – SOUTHWEST INTERIOR

BLUSTERY WINDS OF UP TO 35 MPH KNOCKED POWER OUT TO ABOUT 3500 CUSTOMERS IN LEWIS COUNTY. A TREE ALSO FELL ONTO A VEHICLE. DAMAGES WERE ESTIMATED NEAR \$50000.

11/12-15 – COAST AND NORTH INTERIOR

A PAIR OF STRONG WIND STORMS STRUCK THE REGION BRINGING DAMAGING WINDS TO THE COAST AND NORTH INTERIOR REGION. WINDS OF UP TO 86 MPH ON THE COAST AND 60 MPH IN THE INTERIOR KNOCKING DOWN HUNDREDS OF TREES ONTO ROADS...VEHICLES AND HOMES. POWER WAS DISRUPTED FOR ABOUT 120000 CUSTOMERS. EARLY DAMAGE ESTIMATES WERE NOT YET AVAILABLE.

12/14-15 – ALL OF WESTERN WASHINGTON

THE STRONGEST WIND STORM SINCE THE 1993 INAUGURATION DAY WIND STORM STRUCK THE REGION. WIDESPREAD STRONG DAMAGING WINDS OF UP TO 90 MPH ALONG THE COAST AND 85 MPH IN THE INTERIOR WHILE WINDS IN THE MOUNTAINS EXCEEDED 100 MPH IN SEVERAL LOCATIONS. THE WINDS BLEW DOWN THOUSANDS OF TREES AND KNOCKED POWER OUT CLOSE TO 1.5 MILLION CUSTOMERS. POWER UTILITY INFRASTRUCTURE SUFFERED DAMAGED MAJOR TRANSMISSION LINES, POWER POLES AND POWER LINES. FERRY AND RAIL SERVICE WAS DISRUPTED. DOZENS OF SCHOOL DISTRICTS CLOSED AS A RESULT OF STORM DAMAGE AND POWER OUTAGES. ONE TO TWO INCHES OF HEAVY RAINFALL FELL IN PARTS OF THE REGION JUST PRIOR TO THE WINDS PRODUCING AREAS OF URBAN FLOODING. THERE WERE FOUR FATALITIES AS A DIRECT RESULT OF THE STORM. THREE PEOPLE WERE KILLED BY FALLEN TREES AND ONE PERSON IN SEATTLE DROWNED WHEN THEIR BASEMENT FILLED WITH RAIN RUNOFF. ANOTHER NINE PEOPLE DIED FOLLOWING THE STORM INCLUDING ONE WHO STEPPED ON A DOWNED LIVE POWER LINE...ANOTHER IN A CANDLE STARTED HOUSE FIRE AND THE REMAINDER FROM CARBON DIOXIDE POISONING AS PEOPLE ATTEMPTED TO POWER OR HEAT THEIR HOMES WITHOUT POWER WITH GAS GENERATORS OR BARBEOUE GRILLS. EARLY DAMAGE ESTIMATES WERE NOT YET AVAILABLE BUT ARE EXPECTED TO BE QUITE SUBSTANTIAL.

11/25-30 - MUCH OF WESTERN WASHINGTON

A PERIOD OF COLD WEATHER MOVED INTO THE REGION. SNOW FELL ACROSS THE NORTHERN THIRD OF THE AREA EARLY IN THE PERIOD WITH SOME AREAS GETTING BETWEEN ONE AND TWO FEET OF SNOW. ANOTHER SNOW EVENT ADDED A FEW INCHES OF SNOW THROUGH MUCH OF THE REST OF WESTERN WASHINGTON IN THE MIDDLE OF THE PERIOD AND FINISHED WITH A MIX OF SNOW...SLEET AND FREEZING RAIN LATE ON THE 29TH AND EARLY ON THE 30TH. EARLY DAMAGE ESTIMATES WERE NOT YET AVAILABLE.

AVALANCHE

4/18 – NEAR MT BAKER SKI AREA A BACK COUNTRY SKIER TRIGGERED AN AVALANCHE THAT BURIED HIM FATALLY.

FLOODS/HEAVY RAIN/MUDSLIDES

01/5-14 – NORTHERN AND CENTRAL WESTERN WASHINGTON
A PERIOD OF HEAVY RAINFALL IN THE REGION PRODUCED A NUMBER OF
LANDSLIDES. INTERSTATE 5 WAS CLOSED NEAR THE PIERCE/THURSTON COUNTY
LINE...SR 20 NEAR CONCRETE...SR 107 NEAR RAYMOND...SR 166 NEAR PORT
ORCHARD AND RAIL SERVICE BETWEEN EVERETT AND OLYMPIA. IN KING
COUNTY...19 ROADS WERE CLOSED FROM HIGH WATER AND MANY HOMES
SUFFERED FLOODED BASEMENTS OR CRAWLSPACES. THE GOVERNOR
DECLARED A STATE OF EMERGENCY FOR THE REGION. TOTAL DAMAGE
ESTIMATES WERE CLOSE TO \$7 MILLION.

1/28-30 – CLALLAM AND THURSTON COUNTIES

HEAVY RAINFALL OF UP TO 3 INCHES IN THE WAKE OF AN EXTENDED PERIOD OF WET WEATHER FOR NEARLY A MONTH...RESULTED IN LANDSLIDES AT 8 LOCATIONS ALONG SR 112 WEST OF PORT ANGELES...TWO FEET OF WATER IN THE LOWER PART OF THE PORT ANGELES HARBOR TOWN HALL AND A HALF DOZEN OLYMPIA AREA HOMES HAD FLOODED BASEMENTS. TOTAL DAMAGE ESTIMATES WERE CLOSE TO \$330000.

2/4 – NORTH INTERIOR AND CENTRAL COAST

A COMBINATION OF STRONG WINDS AND HIGH TIDES PRODUCED COASTAL FLOODING FOR LOW LYING AREAS IN BELLINGHAM'S WATERFRONT...GOOSEBERRY AND SANDY POINTS AND IN GRAYS HARBOR COUNTY. DRIFTWOOD AND LOGS ALONG WITH WATER FLOODED OR DAMAGED MANY HOMES...BOATS AND PROPERTY. TOTAL DAMAGE ESTIMATES WERE ABOUT A HALF MILLION DOLLARS.

11/2-7 – MUCH OF WESTERN WASHINGTON

A STRONG WARM AND VERY WET PACIFIC WEATHER SYSTEM BROUGHT COPIOUS AMOUNTS OF RAINFALL TO THE REGION...GENERATING WIDESPREAD MAJOR FLOODING. RAIN AMOUNTS OF 10 TO 38 INCHES FELL IN THE CASCADES AND OLYMPICS WHILE 4 TO 10 INCHES FELL IN THE LOWLANDS. NEARLY EVERY RIVER EXCEEDED FLOOD STAGE WITH 12 RIVERS REACHING ALL-TIME RECORD

FLOOD CREST LEVELS. LANDSLIDES OCCURRED IN SOME AREAS AS WELL...THE MOST NOTIBLE WAS IN THE PRESTON AREA OF EAST KING COUNTY. MT RAINIER NATIONAL PARK SUFFERED FLOOD DAMAGE THROUGHOUT THE PARK... INCLUDING ROADS...CAMPGROUNDS AND TRAILS...CLOSING THE PARK UNTIL FURTHER NOTICE. EARLY TOTAL TWO MEN WERE KILLED IN THEIR VEHICLES IN LEWIS COUNTY ALONG THE FLOODING COWLITZ RIVER. EARLY DAMAGE ESTIMATES WERE NOT YET AVAILABLE BUT ARE EXPECTED TO BE SUBSTANTIAL.

HEAT

5/26-27 – WESTERN WASHINGTON

TWO HEAT WAVES OCCURRED DURING THE YEAR...FROM JUNE 25-26 AND JULY 20-22. THE WARMEST READINGS WERE DURING THE MID JULY EVENT WITH MANY HIGH TEMPERATURES REACHING INTO THE 90S IN MANY LOCATIONS. OLYMPIA SET A NEW DAILY RECORD WITH 101 DEGREES ON JUL 21ST – THE FOURTH WARMEST TEMPERATURE EVER RECORDED THERE.

RECORD TEMPERATURES AND PRECIPITATION SET

SEATTLE-TACOMA AIRPORT

HIGHS		LOWS		PRECIPITATION	
JAN 1 JAN 5 JUN 25 JUN 26 JUL 21	58 55 88 90 97	OCT 31 NOV 29	30(TIE) 18	JAN 5 JAN 10 APR 21 AUG 20 NOV 4	1.33 0.94 0.36 0.29 1.91
JUL 22 SEP 26 OCT 12	96 78(TIE) 72			NOV 6	3.29

NOVEMBER 2006 WAS THE WETTEST MONTH EVER IN SEATTLE'S RECORDED HISTORY GOING BACK TO 1891 WITH 15.63 INCHES.

OLYMPIA

APR 28	79(TIE)	FEB 11	22	JAN 10	1.56
JUN 25	90	FEB 19	13	JAN 16	1.49
JUN 26	93			JAN 29	2.23
JUL 21	101			NOV 5	1.88
JUL 22	99(TIE)			NOV 6	4.31
SEP 26	81				
OCT 12	74				

NOVEMBER 2006 WAS THE WETTEST NOVEMBER EVER IN OLYMPIA WITH 19.68 INCHES.

JAN 4	56	MAY 3	32 (TIE)	JAN 5	1.54
JAN 24	60	MAY 13	32	JAN 9	2.69
APR 24	72	MAY 14	34	JAN 10	1.62 (TIE)
MAY 15	85	OCT 31	23	JAN 12	2.29
JUN 25	92	NOV 1	25	FEB 4	3.07
JUN 26	90	NOV 28	21(TIE)	APR 20	0.89
DEC 7	55			JUN 1	1.20
DEC 8	61			JUL 30	0.23
				NOV 6	2.38
				NOV 10	2.10

JANUARY 2006 WAS THE WETTEST JANUARY EVER AT QUILLAYUTE WITH 24.02 INCHES.

BELLINGHAM INTERNATIONAL AIRPORT

JAN 5	61	MAY 3	32(TIE)	JAN 5	1.06
JUN 24	83	MAY 9	34(TIE)	JAN 9	0.92
JUN 26	82	MAY 13	35(TIE)	SEP 20	0.44
OCT 12	68(TIE)	JUN 23	43(TIE)	NOV 6	1.38
DEC 4	66	NOV 28	12	NOV 12	0.85
DEC 5	58(TIE)	NOV 29	12		

HOQUIAM

DEC 11

DEC 14

JAN 5	54	FEB 17	28(TIE)	JAN 9	2.59
JAN 24	56(TIE)	FEB 19	22	JAN 12	2.01
APR 7	66	FEB 20	27(TIE)	JAN 29	2.92
APR 23	74	FEB 24	26	OCT 15	1.12
MAY 15	88	MAY 2	36(TIE)	NOV 5	1.88
JUN 25	82(TIE)	MAY 3	35	NOV 6	4.03
JUN 26	84(TIE)	NOV 29	25		
JUL 21	90				
JUL 22	91				
SEP 1	91				

JANUARY 2006 WAS THE WETTEST JANUARY EVER IN HOQUIAM WITH 23.46 INCHES.

STAMPEDE PASS

57(TIE)

57(TIE)

APR 28	70	FEB 8	8	JAN 9	2.43
MAY 15	76	JUL 30	33	AUG 30	0.67
MAY 16	78			NOV 5	2.49
MAY 17	85			NOV 6	8.23
MAY 18	77			NOV 7	2.76
JUN 24	83				

JUN 25	88
JUN 26	90
JUN 27	81
JUL 1	79
JUL 20	86(TIE)
JUL 21	93
JUL 22	90
JUL 23	89
AUG 5	79(TIE)
AUG 18	82(TIE)
OCT 12	72
OCT 13	68(TIE)
NOV 6	56

NOVEMBER 6TH MARKED THE GREATEST DAILY PRECIPITATION TOTAL EVER WITH 8.23 INCHES.

NATIONAL WEATHER SERVICE FORECAST OFFICE - SEATTLE/SANDPOINT

JAN 1	55(TIE)	FEB 11	29	JAN 5	1.21
APR 28	72	FEB 15	28(TIE)	JAN 10	1.11
MAY 16	82	FEB 18	19	JAN 13	0.47
MAY 26	87(TIE)	FEB 20	25	JAN 16	0.62
JUL 2	83(TIE)	FEB 24	28(TIE)	JAN 30	0.82
JUL 8	82	MAR 9	34(TIE)	FEB 23	0.35
JUL 21	95	MAR 10	35(TIE)	FEB 28	0.62
JUL 22	93	MAR 12	28	MAY 27	1.53
SEP 6	82(TIE)	MAR 13	34	SEP 14	0.48
SEP 26	79	MAR 19	32	SEP 18	0.31
OCT 12	72	APR 18	37	SEP 21	0.17
NOV 6	61	APR 22	37(TIE)	OCT 15	0.53
		APR 29	37	OCT 29	0.39
		APR 30	36	NOV 2	0.99
		MAY 2	40(TIE)	NOV 3	0.50
		MAY 13	42	NOV 4	0.83
		JUL 18	53(TIE)	NOV 6	1.13
		AUG 4	52(TIE)	NOV 10	0.75(TIE)
		AUG 12	49	NOV 15	0.86
		AUG 23	50	DEC 11	1.23
		AUG 31	52(TIE)	DEC 14	2.17
		SEP 8	51(TIE)		
		SEP 11	48(TIE)		
		OCT 7	42(TIE)		
		OCT 31	31		
		NOV 27	27		
		NOV 28	20		
		NOV 29	20		
		DEC 1	31		

DEC 2

30

DEC 17 28

FOR ADDITIONAL INFORMATION IN WESTERN WASHINGTON...CONTACT NWS SEATTLE...OR NWS PORTLAND FOR AREAS IN EXTREME SOUTHWEST WASHINGTON ALONG THE COLUMBIA RIVER. FOR INFORMATION IN EASTERN WASHINGTON...CONTACT EITHER NWS SPOKANE OR NWS PENDLETON.

BUEHNER/NEHER/BURG

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