

The Month In Review

February 2019

National Weather Service
Pendleton, Oregon

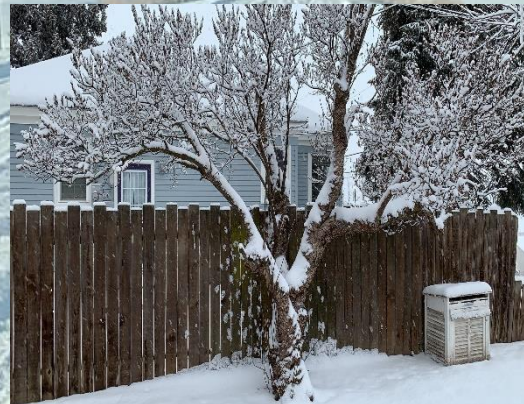


February, 2019 Climate Summary

February 2019 was vastly different than any other February in the history of which records were kept at and from the Pendleton National Weather Service. The month, with the exception of the first 3 days was cold and snowy throughout the forecast area and most of the month. It was the all time snowiest February in the Period Of Record (POR) for the Pendleton, OR, National Weather Service, and some other locations as well. Temperatures were very significantly below normal for the month and the time of year. The number of snowstorms and Local Storm Reports (LSRs) were very numerous. Below are a few images taken from the month from around the Pendleton Area. However, some other locations received much more snow than these.



Heavy snow with 8.9 inches received in just a few hours in Pendleton, OR.



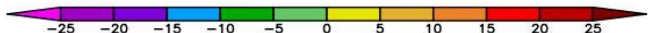
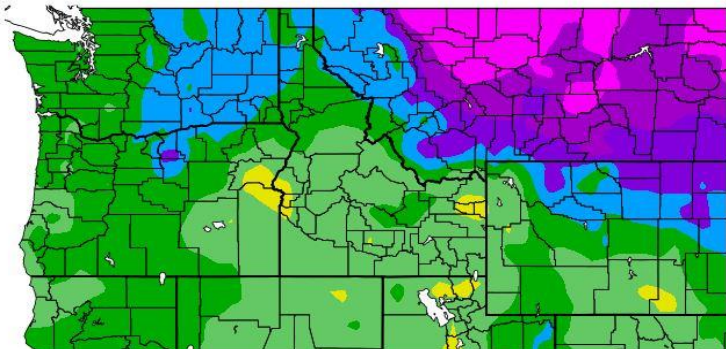
Snow covering a 100 year old Lilac tree.



View of the city of Pendleton during a heavy snowstorm on February 11, 2019.

February, 2019 Departure from Normal Temperatures

Departure from Normal Temperature (F)
2/1/2019 – 2/28/2019

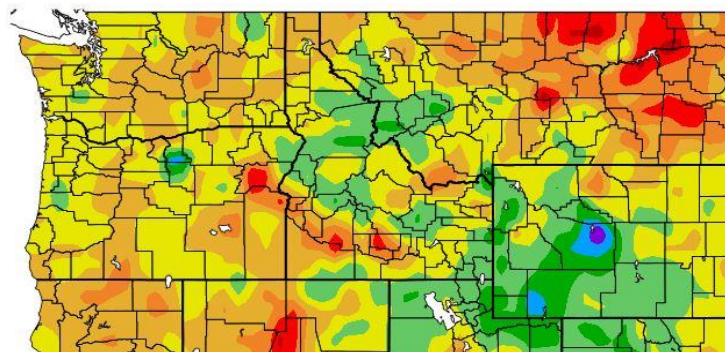


Generated 3/2/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Departure from normal for February, 2019

Departure from Normal Temperature (F)
1/1/2019 – 1/31/2019



Generated 2/20/2019 at HPRCC using provisional data.

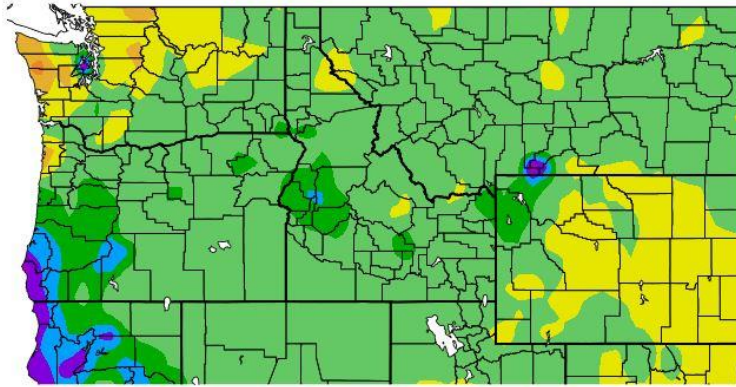
NOAA Regional Climate Centers

Departure from normal for January, 2019

The images above show that February had a significantly more departure from normal (below normal) temperature than January, 2019. From north central Oregon through the Lower Columbia Basin average temperatures were as much as 15 to 20 degrees below normal while most of the area was 5 to 15 degrees below normal.

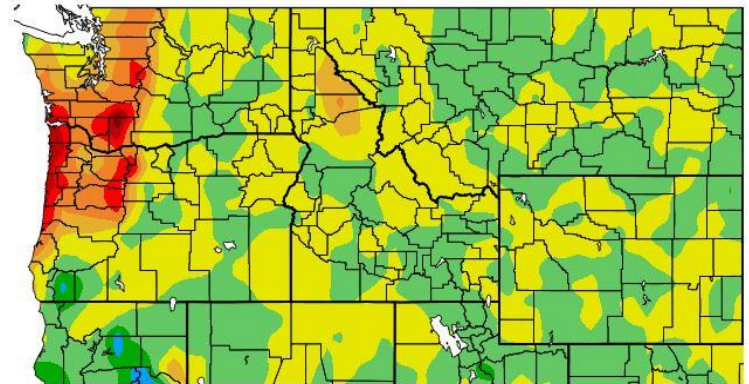
February, 2019 Departure from Normal Precipitation

Departure from Normal Precipitation (in)
2/1/2019 – 2/28/2019



Departure from normal precipitation for February

Departure from Normal Precipitation (in)
1/1/2019 – 1/31/2019



Generated 3/2/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Generated 2/20/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Departure from normal precipitation for January

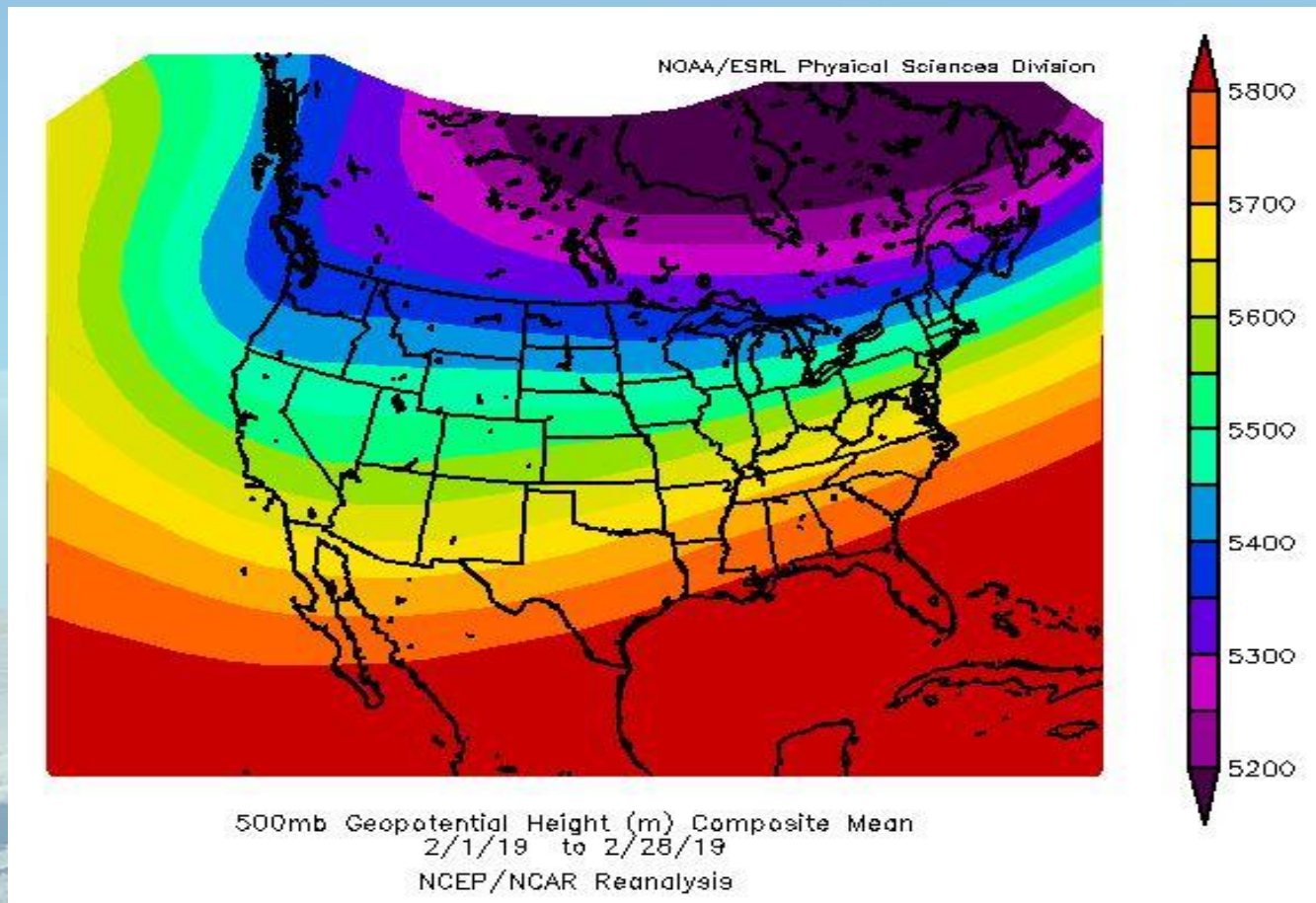
The above images show a comparison of February vs. January, 2019 departure from normal precipitation. February had a greater area of above normal precipitation than January. The departure from normal was mostly 3 to 6 inches, while January ranged from -1.5 to +1.5 inches from normal.

February, 2019 departures from normal of the averages for select cites

	Max T	Max T D	Min T	Min T D	Ave T	Ave T D	PCPN	PCPN D	Snowfall
Yakima	34.1	-12.2	15.9	-10.0	23.6	-12.5	2.41	1.63	21.3
Kennewick	31.8	-16.2	21.0	-9.7	26.4	-12.9	3.09	2.31	23.1
Walla Walla	34.1	-11.9	22.3	-9.9	28.2	-10.9	2.15	0.39	8.5
The Dalles	37.7	-10.9	24.3	-7.5	31.0	-8.9	0.84	-0.93	37.0
Redmond	38.0	-8.8	20.5	-3.2	29.3	-5.9	2.31	1.66	M
Pendleton Airport	34.0	-12.8	21.5	-8.8	27.7	-10.8	2.78	1.67	32.5
La Grande	35.5	-7.4	21.1	-4.8	28.3	-6.1	2.34	1.20	12.0
John Day	37.1	-10.3	20.2	-4.6	29.2	-6.9	1.48	0.74	13.8

The data above shows that all locations listed had below normal average high and average low temperatures for the month. It also shows that every location listed had above normal average mean monthly temperatures. Finally every station had above normal precipitation for the month, except for The Dalles, which was 0.93 inches below normal. Every station had a significant snowfall amount. These values are consistent with the other data shown in this report.

February, 2019 Average 500 MB Weather Pattern



There was an overall upper trough over the northwest United States that persisted through most of the month. This resulted in frequent cold weather systems that moved south out of Canada and brought Pacific moisture with it to create significant precipitation over the region and forecast area with frequent storms. This also resulted in colder than normal temperatures for the month.

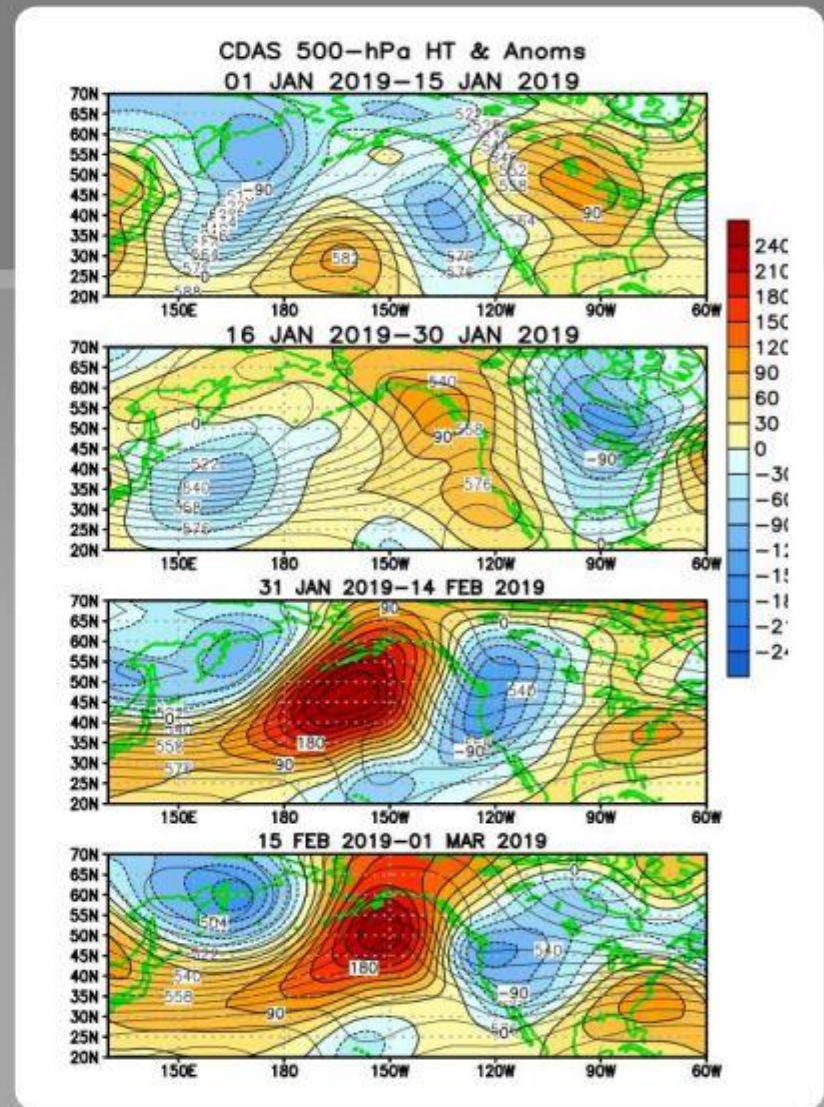
More Detailed 500 MB Plots for January & February, 2019

Atmospheric anomalies over the North Pacific and North America During the Last 60 Days

During early-to-mid-January, anomalous ridging (and above-average temperatures) were evident over the central/eastern U.S.

During mid-to-late January, the pattern changed with anomalous troughing (and below-average temperatures) apparent over the eastern U.S., with anomalous ridging (and above-average temperatures) evident over the central or western U.S.

Since late January, this pattern has flipped, with troughing (and below-average temperatures) over the western U.S. and ridging (and above-average temperatures) over the eastern U.S.



Local Storm Reports (LSRs) for the month of February, 2019

Office	Report Time	Report Time UTC	County	Location	ST	Event Type	Mag.	Source
PDT	2/3/19 14:00	2/3/19 22:00	WALLOWA	9 SW SKI BLUEWOOD	OR	HEAVY SNOW	8.00	MESONET
PDT	2/3/19 15:00	2/3/19 23:00	MORROW	16 WNW UKIAH	OR	HEAVY SNOW	7.00	MESONET
PDT	2/3/19 15:00	2/3/19 23:00	COLUMBIA	2 NNW SKI BLUEWOOD	WA	HEAVY SNOW	8.00	MESONET
PDT	2/3/19 16:57	2/4/19 0:57	UMATILLA	TOLLGATE	OR	HEAVY SNOW	12.00	PUBLIC
PDT	2/3/19 18:00	2/4/19 2:00	WALLOWA	9 SW SKI BLUEWOOD	OR	HEAVY SNOW	12.00	MESONET
PDT	2/3/19 20:00	2/4/19 4:00	GRANT	11 SSW JOHN DAY	OR	HEAVY SNOW	5.00	MESONET
PDT	2/3/19 20:00	2/4/19 4:00	COLUMBIA	3 NNW SKI BLUEWOOD	WA	HEAVY SNOW	10.00	MESONET
PDT	2/3/19 21:00	2/4/19 5:00	GRANT	17 ENE SENECA	OR	HEAVY SNOW	8.00	MESONET
PDT	2/3/19 22:50	2/4/19 6:50	WALLOWA	W ENTERPRISE	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/3/19 23:42	2/4/19 7:42	WALLOWA	N JOSEPH	OR	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/4/19 5:30	2/4/19 13:30	UMATILLA	4 NW MEACHAM	OR	SNOW	5.00	CO-OP OBSERVER
PDT	2/4/19 6:00	2/4/19 14:00	WALLA WALLA	3 E WALLA WALLA	WA	HEAVY RAIN	1.05	CO-OP OBSERVER
PDT	2/4/19 6:00	2/4/19 14:00	WALLA WALLA	3 E WALLA WALLA	WA	HEAVY RAIN	1.05	CO-OP OBSERVER
PDT	2/4/19 7:00	2/4/19 15:00	WALLOWA	5 W JOSEPH	OR	HEAVY SNOW	8.00	CO-OP OBSERVER
PDT	2/4/19 7:30	2/4/19 15:30	UNION	5 NNE LA GRANDE	OR	SNOW	4.60	TRAINED SPOTTER
PDT	2/4/19 8:00	2/4/19 16:00	UNION	COVE	OR	HEAVY SNOW	5.60	CO-OP OBSERVER
PDT	2/4/19 8:00	2/4/19 16:00	WALLOWA	4 ENE LOSTINE	OR	HEAVY SNOW	12.00	CO-OP OBSERVER
PDT	2/4/19 8:00	2/4/19 16:00	WALLOWA	N JOSEPH	OR	HEAVY SNOW	12.00	TRAINED SPOTTER
PDT	2/4/19 9:30	2/4/19 17:30	WALLOWA	2 SE LOSTINE	OR	HEAVY SNOW	2.50	COCORAHS
PDT	2/4/19 9:30	2/4/19 17:30	WALLOWA	2 ESE LOSTINE	OR	HEAVY SNOW	8.40	COCORAHS
PDT	2/4/19 9:30	2/4/19 17:30	WALLOWA	2 SE LOSTINE	OR	HEAVY SNOW	10.30	COCORAHS
PDT	2/4/19 11:00	2/4/19 19:00	YAKIMA	5 ENE YAKIMA	WA	SNOW	2.50	TRAINED SPOTTER
PDT	2/4/19 12:30	2/4/19 20:30	KITTITAS	1 SE ELLENSBURG	WA	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/4/19 12:30	2/4/19 20:30	UNION	4 WNW LA GRANDE	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/4/19 12:30	2/4/19 20:30	KLICKITAT	TROUT LAKE	WA	SNOW	5.00	PUBLIC

These data are mainly for snow reports, but there were also a few High Wind reports and/or damage reports from high winds during the next 12 slides

Local Storm Reports (continued)

PDT	2/4/19 12:30	2/4/19 20:30	UNION	NW ELGIN	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/4/19 12:40	2/4/19 20:40	KITTITAS	1 SE ELLENSBURG	WA	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/4/19 14:30	2/4/19 22:30	UNION	1 S UNION	OR	HEAVY SNOW	5.00	CO-OP OBSERVER
PDT	2/4/19 15:00	2/4/19 23:00	YAKIMA	NNE TIETON	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/4/19 15:00	2/4/19 23:00	UMATILLA	NNW UKIAH	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/4/19 15:00	2/4/19 23:00	KITTITAS	1 SE ELLENSBURG	WA	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/4/19 15:00	2/4/19 23:00	WALLOWA	ENTERPRISE	OR	HEAVY SNOW	13.00	PUBLIC
PDT	2/4/19 15:30	2/4/19 23:30	UMATILLA	2 NNW HERMISTON	OR	HEAVY SNOW	2.00	TRAINED SPOTTER
PDT	2/4/19 15:30	2/4/19 23:30	KLICKITAT	GLENWOOD	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/4/19 15:30	2/4/19 23:30	KLICKITAT	1 SE TROUT LAKE	WA	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/4/19 16:00	2/5/19 0:00	BENTON	6 SE GRANDVIEW	WA	HEAVY SNOW	2.00	TRAINED SPOTTER
PDT	2/4/19 16:00	2/5/19 0:00	YAKIMA	3 SSE WHITE SWAN	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/4/19 16:30	2/5/19 0:30	WALLOWA	N JOSEPH	OR	HEAVY SNOW	11.00	TRAINED SPOTTER
PDT	2/4/19 17:00	2/5/19 1:00	DESCHUTES	5 NNW LA PINE	OR	HEAVY SNOW	3.00	TRAINED SPOTTER
PDT	2/4/19 17:30	2/5/19 1:30	YAKIMA	YAKIMA	WA	HEAVY SNOW	5.00	PUBLIC
PDT	2/4/19 18:00	2/5/19 2:00	UNION	11 ESE STARKEY	OR	HEAVY SNOW	6.00	MESONET
PDT	2/4/19 18:00	2/5/19 2:00	KLICKITAT	W TROUT LAKE	WA	HEAVY SNOW	6.50	TRAINED SPOTTER
PDT	2/4/19 18:00	2/5/19 2:00	UNION	12 WNW NORTH POWDER	OR	HEAVY SNOW	9.00	MESONET
PDT	2/4/19 18:30	2/5/19 2:30	YAKIMA	GRANDVIEW	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/4/19 19:00	2/5/19 3:00	UMATILLA	MILTON-FREEWATER	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/4/19 19:00	2/5/19 3:00	KLICKITAT	BICKELTON	WA	HEAVY SNOW	6.00	PUBLIC
PDT	2/4/19 19:00	2/5/19 3:00	YAKIMA	YAKIMA	WA	HEAVY SNOW	7.00	PUBLIC
PDT	2/4/19 20:00	2/5/19 4:00	MORROW	1 SSE BOARDMAN	OR	HEAVY SNOW	3.00	TRAINED SPOTTER
PDT	2/4/19 20:00	2/5/19 4:00	UMATILLA	PENDLETON	OR	HEAVY SNOW	3.70	OFFICIAL NWS OBS
PDT	2/4/19 20:05	2/5/19 4:05	WHEELER	MITCHELL	OR	HEAVY SNOW	4.00	PUBLIC
PDT	2/4/19 20:05	2/5/19 4:05	DESCHUTES	LA PINE	OR	HEAVY SNOW	4.50	PUBLIC
PDT	2/4/19 21:45	2/5/19 5:45	UMATILLA	HERMISTON	OR	HEAVY SNOW	6.00	PUBLIC
PDT	2/4/19 22:00	2/5/19 6:00	YAKIMA	1 W YAKIMA	WA	HEAVY SNOW	9.00	TRAINED SPOTTER
PDT	2/4/19 22:30	2/5/19 6:30	GILLIAM	ARLINGTON	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/4/19 22:30	2/5/19 6:30	YAKIMA	AHTANUM	WA	HEAVY SNOW	12.50	PUBLIC

Local Storm Reports (continued)

PDT	2/5/19 5:00	2/5/19 13:00	KLICKITAT	4 NNW GOLDENDALE	WA	HEAVY SNOW	5.50	COCORAHS
PDT	2/5/19 6:00	2/5/19 14:00	WHEELER	10 NE SERVICE CREEK	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/5/19 6:00	2/5/19 14:00	WALLA WALLA	3 SSW COLLEGE PLACE	WA	HEAVY SNOW	4.00	AMATEUR RADIO
PDT	2/5/19 7:00	2/5/19 15:00	BENTON	3 SSW RICHLAND	WA	HEAVY SNOW	3.50	COCORAHS
PDT	2/5/19 7:00	2/5/19 15:00	BENTON	PROSSER	WA	HEAVY SNOW	4.50	COCORAHS
PDT	2/5/19 7:00	2/5/19 15:00	JEFFERSON	4 SSW MADRAS	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/5/19 7:00	2/5/19 15:00	FRANKLIN	S CONNELL	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/5/19 7:00	2/5/19 15:00	SHERMAN	3 ESE CELILO	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/5/19 7:30	2/5/19 15:30	GILLIAM	SSW CONDON	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/5/19 7:55	2/5/19 15:55	YAKIMA	5 ENE YAKIMA	WA	HEAVY SNOW	11.50	TRAINED SPOTTER
PDT	2/5/19 8:00	2/5/19 16:00	JEFFERSON	MADRAS	OR	HEAVY SNOW	3.50	CO-OP OBSERVER
PDT	2/5/19 8:00	2/5/19 16:00	WASCO	ANTELOPE	OR	HEAVY SNOW	4.00	CO-OP OBSERVER
PDT	2/5/19 8:00	2/5/19 16:00	WASCO	E MAUPIN	OR	HEAVY SNOW	4.50	TRAINED SPOTTER
PDT	2/5/19 8:00	2/5/19 16:00	SHERMAN	MORO	OR	HEAVY SNOW	6.00	CO-OP OBSERVER
PDT	2/5/19 8:15	2/5/19 16:15	KITTITAS	1 SE ELLENSBURG	WA	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/5/19 8:30	2/5/19 16:30	WHEELER	SW FOSSIL	OR	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/5/19 11:00	2/5/19 19:00	JEFFERSON	2 SSW WARM SPRINGS	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/8/19 19:25	2/9/19 3:25	KITTITAS	2 SSE SNOQUALMIE PASS	WA	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/8/19 19:32	2/9/19 3:32	KITTITAS	7 NNW EASTON	WA	HEAVY SNOW	7.50	TRAINED SPOTTER
PDT	2/9/19 0:00	2/9/19 8:00	UMATILLA	PENDLETON	OR	SNOW	1.00	OFFICIAL NWS OBS
PDT	2/9/19 4:45	2/9/19 12:45	BENTON	KENNEWICK	WA	SNOW	3.00	BROADCAST MEDIA
PDT	2/9/19 5:00	2/9/19 13:00	KITTITAS	ELLENSBURG	WA	SNOW	2.00	BROADCAST MEDIA
PDT	2/9/19 5:00	2/9/19 13:00	FRANKLIN	PASCO	WA	SNOW	2.00	BROADCAST MEDIA
PDT	2/9/19 5:00	2/9/19 13:00	KLICKITAT	4 NNW GOLDENDALE	WA	SNOW	3.50	COCORAHS
PDT	2/9/19 5:00	2/9/19 13:00	YAKIMA	N SELAH	WA	SNOW	4.00	BROADCAST MEDIA
PDT	2/9/19 5:45	2/9/19 13:45	KLICKITAT	GLENWOOD	WA	SNOW	4.00	PUBLIC
PDT	2/9/19 7:00	2/9/19 15:00	GRANT	12 SSW CANYON CITY	OR	SNOW	3.00	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	DESCHUTES	2 NW BEND	OR	SNOW	3.00	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	BENTON	SSE PROSSER	WA	SNOW	3.90	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	KITTITAS	8 E CLE ELUM	WA	HEAVY SNOW	4.00	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	KLICKITAT	1 WNW WHITE SALMON	WA	HEAVY SNOW	4.50	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	KLICKITAT	4 ENE WHITE SALMON	WA	HEAVY SNOW	4.60	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	BENTON	NNE KENNEWICK	WA	HEAVY SNOW	5.00	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	BENTON	3 SSW RICHLAND	WA	HEAVY SNOW	5.50	COCORAHS

Local Storm Reports (continued)

PDT	2/9/19 7:00	2/9/19 15:00	BENTON	1 SW RICHLAND	WA	HEAVY SNOW	5.70	COCORAHS
PDT	2/9/19 7:00	2/9/19 15:00	KITTITAS	2 SSE SNOQUALMIE PASS	WA	HEAVY SNOW	7.00	COCORAHS
PDT	2/9/19 7:12	2/9/19 15:12	UNION	9 N ELGIN	OR	HEAVY SNOW	5.30	COCORAHS
PDT	2/9/19 7:22	2/9/19 15:22	BENTON	FINLEY	WA	HEAVY SNOW	3.00	PUBLIC
PDT	2/9/19 7:22	2/9/19 15:22	YAKIMA	RIMROCK	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/9/19 7:22	2/9/19 15:22	YAKIMA	SUNNYSIDE	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/9/19 7:22	2/9/19 15:22	WASCO	MOSIER	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/9/19 7:22	2/9/19 15:22	BENTON	RICHLAND	WA	HEAVY SNOW	6.00	PUBLIC
PDT	2/9/19 7:50	2/9/19 15:50	KITTITAS	1 SE ELLENSBURG	WA	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/9/19 8:00	2/9/19 16:00	MORROW	SW BOARDMAN	OR	HEAVY SNOW	4.00	COCORAHS
PDT	2/9/19 8:00	2/9/19 16:00	BENTON	2 SE KENNEWICK	WA	HEAVY SNOW	4.50	TRAINED SPOTTER
PDT	2/9/19 8:30	2/9/19 16:30	KITTITAS	5 SE KITTITAS	WA	NON-TSTM WND DMG	0.00	PUBLIC
PDT	2/9/19 9:00	2/9/19 17:00	YAKIMA	16 WSW TIETON	WA	HEAVY SNOW	14.00	PUBLIC
PDT	2/9/19 9:03	2/9/19 17:03	YAKIMA	4 ESE TERRACE HEIGHTS	WA	BLIZZARD	0.00	TRAINED SPOTTER
PDT	2/9/19 9:30	2/9/19 17:30	WASCO	5 SSW CHENOWETH	OR	HEAVY SNOW	7.40	TRAINED SPOTTER
PDT	2/9/19 10:00	2/9/19 18:00	KLICKITAT	4 NNW GOODNOE HILLS	WA	SNOW	6.00	TRAINED SPOTTER
PDT	2/9/19 10:30	2/9/19 18:30	KLICKITAT	7 WNW GOLDENDALE	WA	HEAVY SNOW	8.00	PUBLIC
PDT	2/9/19 10:40	2/9/19 18:40	BENTON	1 SW PROSSER	WA	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/9/19 11:00	2/9/19 19:00	WASCO	MOSIER	OR	HEAVY SNOW	8.00	PUBLIC
PDT	2/9/19 11:30	2/9/19 19:30	GRANT	E SENECA	OR	HEAVY SNOW	1.50	TRAINED SPOTTER
PDT	2/9/19 11:30	2/9/19 19:30	GRANT	6 NNW SENECA	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/9/19 11:30	2/9/19 19:30	GRANT	E SENECA	OR	HEAVY SNOW	18.00	TRAINED SPOTTER
PDT	2/9/19 13:00	2/9/19 21:00	YAKIMA	4 W YAKIMA	WA	HEAVY SNOW	5.90	CO-OP OBSERVER
PDT	2/9/19 13:49	2/9/19 21:49	WASCO	WSW DUFUR	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/9/19 13:59	2/9/19 21:59	CROOK	7 SSE PRINEVILLE	OR	SNOW	4.00	TRAINED SPOTTER
PDT	2/9/19 13:59	2/9/19 21:59	KLICKITAT	TROUT LAKE	WA	SNOW	8.00	PUBLIC
PDT	2/9/19 14:42	2/9/19 22:42	KLICKITAT	1 WSW GOLDENDALE	WA	HEAVY SNOW	7.40	TRAINED SPOTTER
PDT	2/9/19 15:00	2/9/19 23:00	GRANT	17 ENE SENECA	OR	HEAVY SNOW	6.00	MESONET
PDT	2/9/19 15:11	2/9/19 23:11	GILLIAM	ARLINGTON	OR	HEAVY SNOW	4.00	DEPT OF HIGHWAYS
PDT	2/9/19 15:38	2/9/19 23:38	KITTITAS	1 SE ELLENSBURG	WA	HEAVY SNOW	10.00	TRAINED SPOTTER
PDT	2/9/19 15:45	2/9/19 23:45	CROOK	3 ENE PRINEVILLE	OR	HEAVY SNOW	6.00	TRAINED SPOTTER

Local Storm Reports (continued)

PDT	2/9/19 15:45	2/9/19 23:45	CROOK	3 ENE PRINEVILLE	OR	SNOW	6.00	TRAINED SPOTTER
PDT	2/9/19 16:27	2/10/19 0:27	BENTON	22 SW HIGHLAND	WA	NON-TSTM WND GST	58.00	MESONET
PDT	2/9/19 17:19	2/10/19 1:19	WASCO	E MAUPIN	OR	HEAVY SNOW	9.50	TRAINED SPOTTER
PDT	2/9/19 17:30	2/10/19 1:30	BENTON	19 N WEST RICHLAND	WA	NON-TSTM WND GST	63.00	MESONET
PDT	2/9/19 17:57	2/10/19 1:57	MORROW	4 SE PATERSON	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/9/19 19:00	2/10/19 3:00	GRANT	3 E JOHN DAY	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/9/19 19:22	2/10/19 3:22	WHEELER	9 NE SERVICE CREEK	OR	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/9/19 19:30	2/10/19 3:30	GILLIAM	6 W CONDON	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/9/19 19:38	2/10/19 3:38	GILLIAM	N MAYVILLE	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/9/19 20:42	2/10/19 4:42	KLICKITAT	W TROUT LAKE	WA	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/9/19 20:52	2/10/19 4:52	UMATILLA	HERMISTON	OR	HEAVY SNOW	4.00	DEPT OF HIGHWAYS
PDT	2/9/19 21:30	2/10/19 5:30	UMATILLA	HERMISTON	OR	SNOW	2.00	PUBLIC
PDT	2/9/19 22:00	2/10/19 6:00	KLICKITAT	GOLDENDALE	WA	HEAVY SNOW	11.80	PUBLIC
PDT	2/9/19 22:12	2/10/19 6:12	SHERMAN	MORO	OR	HEAVY SNOW	11.00	DEPT OF HIGHWAYS
PDT	2/9/19 22:41	2/10/19 6:41	YAKIMA	3 SSE WHITE SWAN	WA	HEAVY SNOW	12.00	TRAINED SPOTTER
PDT	2/10/19 8:00	2/10/19 16:00	BENTON	2 SE KENNEWICK	WA	SNOW	6.00	TRAINED SPOTTER
PDT	2/10/19 10:26	2/10/19 18:26	UMATILLA	4 NE PILOT ROCK	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/10/19 10:38	2/10/19 18:38	UMATILLA	1 SE PILOT ROCK	OR	HEAVY SNOW	4.00	CO-OP OBSERVER
PDT	2/10/19 10:39	2/10/19 18:39	UMATILLA	2 NW PENDLETON	OR	HEAVY SNOW	4.00	OFFICIAL NWS OBS
PDT	2/10/19 12:18	2/10/19 20:18	UMATILLA	7 WSW HELIX	OR	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/11/19 6:00	2/11/19 14:00	KLICKITAT	1 N TROUT LAKE	WA	HEAVY SNOW	9.00	TRAINED SPOTTER
PDT	2/11/19 7:00	2/11/19 15:00	KITTITAS	CLE ELUM	WA	HEAVY SNOW	10.00	PUBLIC
PDT	2/11/19 7:08	2/11/19 15:08	KLICKITAT	WNW WHITE SALMON	WA	HEAVY SNOW	13.50	COCORAHS
PDT	2/11/19 7:29	2/11/19 15:29	WALLOWA	FLORA	OR	HEAVY SNOW	6.00	DEPT OF HIGHWAYS
PDT	2/11/19 7:30	2/11/19 15:30	UNION	9 N ELGIN	OR	HEAVY SNOW	11.00	COCORAHS
PDT	2/11/19 8:00	2/11/19 16:00	UNION	3 N ELGIN	OR	HEAVY SNOW	8.00	PUBLIC
PDT	2/11/19 8:00	2/11/19 16:00	KLICKITAT	1 SSW SNOWDEN	WA	HEAVY SNOW	12.00	TRAINED SPOTTER
PDT	2/11/19 8:03	2/11/19 16:03	UNION	5 NNE LA GRANDE	OR	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/11/19 8:30	2/11/19 16:30	JEFFERSON	2 SSW CAMP SHERMAN	OR	HEAVY SNOW	6.50	TRAINED SPOTTER

Local Storm Reports (continued)

PDT	2/11/19 9:00	2/11/19 17:00	UNION	SUMMERVILLE	OR	HEAVY SNOW	8.00	PUBLIC
PDT	2/11/19 10:00	2/11/19 18:00	UMATILLA	PILOT ROCK	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/11/19 10:10	2/11/19 18:10	UMATILLA	NNW UKIAH	OR	HEAVY SNOW	10.50	TRAINED SPOTTER
PDT	2/11/19 12:27	2/11/19 20:27	UMATILLA	3 E PENDLETON	OR	HEAVY SNOW	7.00	PUBLIC
PDT	2/11/19 12:30	2/11/19 20:30	KLICKITAT	10 NE GOLDENDALE	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/11/19 12:30	2/11/19 20:30	UMATILLA	8 SE PILOT ROCK	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/11/19 12:30	2/11/19 20:30	GRANT	1 E DALE	OR	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/11/19 12:30	2/11/19 20:30	WASCO	3 SW LYLE	OR	HEAVY SNOW	10.00	TRAINED SPOTTER
PDT	2/11/19 12:57	2/11/19 20:57	UMATILLA	N ATHENA	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/11/19 13:00	2/11/19 21:00	WALLOWA	9 SW SKI BLUEWOOD	OR	HEAVY SNOW	13.00	MESONET
PDT	2/11/19 13:06	2/11/19 21:06	WALLOWA	9 SW SKI BLUEWOOD	OR	HEAVY SNOW	7.00	MESONET
PDT	2/11/19 13:06	2/11/19 21:06	UMATILLA	3 NNW MEACHAM	OR	HEAVY SNOW	10.00	MESONET
PDT	2/11/19 13:06	2/11/19 21:06	UNION	SE IMBLER	OR	HEAVY SNOW	10.00	TRAINED SPOTTER
PDT	2/11/19 13:06	2/11/19 21:06	COLUMBIA	2 NNW SKI BLUEWOOD	WA	HEAVY SNOW	12.00	MESONET
PDT	2/11/19 13:06	2/11/19 21:06	UMATILLA	3 NNE BINGHAM SPRINGS	OR	HEAVY SNOW	12.00	TRAINED SPOTTER
PDT	2/11/19 14:58	2/11/19 22:58	WALLA WALLA	WALLA WALLA	WA	HEAVY SNOW	4.50	PUBLIC
PDT	2/11/19 15:24	2/11/19 23:24	UNION	4 WSW ELGIN	OR	HEAVY SNOW	12.00	TRAINED SPOTTER
PDT	2/11/19 15:46	2/11/19 23:46	WALLOWA	3 NNW WALLOWA	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/11/19 15:53	2/11/19 23:53	WALLA WALLA	4 ENE DIXIE	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/11/19 16:00	2/12/19 0:00	UMATILLA	PENDLETON	OR	HEAVY SNOW	8.90	OFFICIAL NWS OBS
PDT	2/11/19 16:15	2/12/19 0:15	UNION	LA GRANDE	OR	HEAVY SNOW	12.00	PUBLIC
PDT	2/11/19 16:30	2/12/19 0:30	KLICKITAT	1 NNW GLENWOOD	WA	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/11/19 16:44	2/12/19 0:44	WALLA WALLA	4 E COLLEGE PLACE	WA	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/11/19 18:25	2/12/19 2:25	KLICKITAT	10 WNW GOLDENDALE	WA	HEAVY SNOW	11.50	EMERGENCY MNGR
PDT	2/11/19 21:30	2/12/19 5:30	KLICKITAT	1 NNW GLENWOOD	WA	HEAVY SNOW	15.00	TRAINED SPOTTER
PDT	2/12/19 5:55	2/12/19 13:55	KLICKITAT	1 N TROUT LAKE	WA	HEAVY SNOW	21.00	TRAINED SPOTTER
PDT	2/12/19 7:27	2/12/19 15:27	KLICKITAT	1 NNW GLENWOOD	WA	HEAVY SNOW	7.50	TRAINED SPOTTER
PDT	2/12/19 7:27	2/12/19 15:27	UNION	5 NNE LA GRANDE	OR	HEAVY SNOW	7.50	TRAINED SPOTTER
PDT	2/13/19 2:50	2/13/19 10:50	BENTON	KENNEWICK	WA	FREEZING RAIN	0.10	BROADCAST MEDIA
PDT	2/13/19 8:00	2/13/19 16:00	KLICKITAT	SNOWDEN	WA	HEAVY SNOW	8.50	CO-OP OBSERVER

Local Storm Reports (continued)

PDT	2/14/19 14:34	2/14/19 22:34	WASCO	6 WSW CITY OF THE DALLE	OR	HEAVY SNOW	4.30	TRAINED SPOTTER
PDT	2/14/19 14:40	2/14/19 22:40	WASCO	11 SSE CELILO	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/14/19 14:43	2/14/19 22:43	WASCO	5 SE WHITE SALMON	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/14/19 14:48	2/14/19 22:48	WASCO	2 E CITY OF THE DALLES	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/14/19 16:00	2/15/19 0:00	KLICKITAT	1 NNW CITY OF THE DALLE	WA	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/14/19 16:00	2/15/19 0:00	KLICKITAT	5 SE GOLDENDALE	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/14/19 16:00	2/15/19 0:00	KLICKITAT	12 NE APPLETON	WA	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/14/19 16:30	2/15/19 0:30	KLICKITAT	10 NE GOLDENDALE	WA	SNOW	3.00	TRAINED SPOTTER
PDT	2/14/19 16:30	2/15/19 0:30	KLICKITAT	10 WNW GOLDENDALE	WA	SNOW	3.00	EMERGENCY MNGR
PDT	2/14/19 18:00	2/15/19 2:00	KITTITAS	ELLENSBURG	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/14/19 18:20	2/15/19 2:20	YAKIMA	5 NW COWICHE	WA	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/14/19 18:25	2/15/19 2:25	YAKIMA	5 N SELAH	WA	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/14/19 18:30	2/15/19 2:30	KITTITAS	6 NW THORP	WA	SNOW	3.00	TRAINED SPOTTER
PDT	2/14/19 18:30	2/15/19 2:30	KITTITAS	9 NE ROZA	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/16/19 18:26	2/17/19 2:26	WALLOWA	LOSTINE	OR	SNOW	3.00	PUBLIC
PDT	2/16/19 18:30	2/17/19 2:30	YAKIMA	13 NW TIETON	WA	SNOW	4.00	PUBLIC
PDT	2/16/19 19:00	2/17/19 3:00	YAKIMA	TIETON	WA	SNOW	3.00	PUBLIC
PDT	2/16/19 19:00	2/17/19 3:00	YAKIMA	13 NW NACHES	WA	HEAVY SNOW	8.00	PUBLIC
PDT	2/17/19 16:45	2/18/19 0:45	YAKIMA	11 N COWICHE	WA	HEAVY SNOW	2.00	TRAINED SPOTTER
PDT	2/18/19 1:00	2/18/19 9:00	KITTITAS	4 ENE THORP	WA	SNOW	2.60	TRAINED SPOTTER
PDT	2/20/19 3:30	2/20/19 11:30	WALLA WALLA	WALLA WALLA	WA	SNOW	1.50	CO-OP OBSERVER
PDT	2/20/19 5:00	2/20/19 13:00	KITTITAS	2 SE SNOQUALMIE PASS	WA	HEAVY SNOW	10.50	COCORAHS
PDT	2/20/19 5:02	2/20/19 13:02	COLUMBIA	SKI BLUEWOOD	WA	HEAVY SNOW	10.00	PUBLIC
PDT	2/20/19 5:03	2/20/19 13:03	UMATILLA	5 WSW BINGHAM SPRINGS	OR	SNOW	6.00	PUBLIC
PDT	2/20/19 5:33	2/20/19 13:33	COLUMBIA	DAYTON	WA	SNOW	3.00	PUBLIC
PDT	2/20/19 5:33	2/20/19 13:33	WALLA WALLA	WALLA WALLA	WA	SNOW	3.00	PUBLIC
PDT	2/20/19 5:50	2/20/19 13:50	UMATILLA	24 E PENDLETON	OR	HEAVY SNOW	6.00	PUBLIC
PDT	2/20/19 6:10	2/20/19 14:10	UMATILLA	4 NNW MEACHAM	OR	HEAVY SNOW	13.50	CO-OP OBSERVER
PDT	2/20/19 7:00	2/20/19 15:00	COLUMBIA	2 SSE DAYTON	WA	HEAVY SNOW	4.00	COCORAHS
PDT	2/20/19 7:00	2/20/19 15:00	COLUMBIA	8 NE DAYTON	WA	HEAVY SNOW	5.00	COCORAHS
PDT	2/20/19 7:00	2/20/19 15:00	UMATILLA	5 SW SPOUT SPRINGS	OR	HEAVY SNOW	14.00	MESONET

Local Storm Reports (continued)

PDT	2/20/19 7:30	2/20/19 15:30	WALLOWA	22 E JOSEPH	OR	HEAVY SNOW	6.20	COCORAHS
PDT	2/20/19 7:30	2/20/19 15:30	UNION	9 N ELGIN	OR	HEAVY SNOW	6.50	COCORAHS
PDT	2/20/19 7:33	2/20/19 15:33	GRANT	9 NW SENECA	OR	HEAVY SNOW	4.80	TRAINED SPOTTER
PDT	2/20/19 7:33	2/20/19 15:33	UNION	3 NNE ELGIN	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/20/19 7:33	2/20/19 15:33	COLUMBIA	DAYTON	WA	HEAVY SNOW	6.50	DEPT OF HIGHWAYS
PDT	2/20/19 8:00	2/20/19 16:00	WALLOWA	9 SW SKI BLUEWOOD	OR	HEAVY SNOW	14.00	MESONET
PDT	2/20/19 8:13	2/20/19 16:13	UNION	5 NNE LA GRANDE	OR	SNOW	4.00	TRAINED SPOTTER
PDT	2/20/19 8:50	2/20/19 16:50	UMATILLA	ATHENA	OR	HEAVY SNOW	6.00	PUBLIC
PDT	2/20/19 9:26	2/20/19 17:26	UNION	5 NNE LA GRANDE	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/20/19 9:26	2/20/19 17:26	UNION	S SUMMERVILLE	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/20/19 13:00	2/20/19 21:00	WALLOWA	3 NNW WALLOWA	OR	SNOW	4.00	TRAINED SPOTTER
PDT	2/23/19 3:41	2/23/19 11:41	UMATILLA	S TOLLGATE	OR	SNOW	6.00	DEPT OF HIGHWAYS
PDT	2/23/19 5:00	2/23/19 13:00	COLUMBIA	SKI BLUEWOOD	WA	HEAVY SNOW	8.00	PUBLIC
PDT	2/23/19 5:45	2/23/19 13:45	UMATILLA	4 NW MEACHAM	OR	HEAVY SNOW	6.50	CO-OP OBSERVER
PDT	2/23/19 5:45	2/23/19 13:45	UMATILLA	4 NW MEACHAM	OR	SNOW	6.50	CO-OP OBSERVER
PDT	2/23/19 6:33	2/23/19 14:33	GRANT	4 NE FOX	OR	HEAVY SNOW	6.00	DEPT OF HIGHWAYS
PDT	2/23/19 7:30	2/23/19 15:30	KITTITAS	2 SSE SNOQUALMIE PASS	WA	SNOW	7.80	COCORAHS
PDT	2/23/19 7:40	2/23/19 15:40	UNION	5 NNE LA GRANDE	OR	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/24/19 6:00	2/24/19 14:00	UMATILLA	PILOT ROCK	OR	HEAVY SNOW	4.00	PUBLIC
PDT	2/24/19 6:36	2/24/19 14:36	GRANT	9 S JOHN DAY	OR	HEAVY SNOW	7.00	DEPT OF HIGHWAYS
PDT	2/24/19 6:36	2/24/19 14:36	WHEELER	10 NNE SPRAY	OR	HEAVY SNOW	10.00	DEPT OF HIGHWAYS
PDT	2/24/19 6:55	2/24/19 14:55	WASCO	11 NE GATEWAY	OR	HEAVY SNOW	4.00	DEPT OF HIGHWAYS
PDT	2/24/19 7:11	2/24/19 15:11	UMATILLA	4 ESE PILOT ROCK	OR	HEAVY SNOW	4.50	TRAINED SPOTTER
PDT	2/24/19 7:30	2/24/19 15:30	KLICKITAT	SSW TROUT LAKE	WA	HEAVY SNOW	6.50	COCORAHS
PDT	2/24/19 7:40	2/24/19 15:40	KLICKITAT	WNW WHITE SALMON	WA	HEAVY SNOW	5.50	COCORAHS
PDT	2/24/19 7:55	2/24/19 15:55	UNION	5 NNE LA GRANDE	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/24/19 7:56	2/24/19 15:56	UNION	9 N ELGIN	OR	HEAVY SNOW	6.00	COCORAHS
PDT	2/24/19 8:08	2/24/19 16:08	KLICKITAT	1 S SNOWDEN	WA	HEAVY SNOW	8.20	CO-OP OBSERVER
PDT	2/24/19 8:14	2/24/19 16:14	WASCO	5 SSW CHENOWETH	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/24/19 8:30	2/24/19 16:30	KLICKITAT	1 NNW GLENWOOD	WA	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/24/19 8:30	2/24/19 16:30	KLICKITAT	1 NNW GLENWOOD	WA	HEAVY SNOW	8.00	TRAINED SPOTTER

Local Storm Reports (continued)

PDT	2/24/19 8:41	2/24/19 16:41	JEFFERSON	6 N ASHWOOD	OR	HEAVY SNOW	6.00	CO-OP OBSERVER
PDT	2/24/19 8:55	2/24/19 16:55	KLICKITAT	2 SW GOLDENDALE	WA	HEAVY SNOW	6.00	CO-OP OBSERVER
PDT	2/24/19 8:58	2/24/19 16:58	KLICKITAT	4 NNW GOLDENDALE	WA	HEAVY SNOW	6.00	COCORAHS
PDT	2/24/19 9:00	2/24/19 17:00	UMATILLA	5 S PENDLETON	OR	HEAVY SNOW	4.00	DEPT OF HIGHWAYS
PDT	2/24/19 9:00	2/24/19 17:00	WASCO	CITY OF THE DALLES	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 9:00	2/24/19 17:00	GRANT	17 ENE SENECA	OR	HEAVY SNOW	9.00	MESONET
PDT	2/24/19 9:00	2/24/19 17:00	KITTITAS	ELLENSBURG	WA	HEAVY SNOW	9.00	PUBLIC
PDT	2/24/19 9:02	2/24/19 17:02	MORROW	HEPPNER	OR	HEAVY SNOW	5.50	CO-OP OBSERVER
PDT	2/24/19 9:53	2/24/19 17:53	GILLIAM	W MAYVILLE	OR	HEAVY SNOW	6.50	TRAINED SPOTTER
PDT	2/24/19 9:57	2/24/19 17:57	JEFFERSON	1 NW WARM SPRINGS	OR	HEAVY SNOW	6.00	DEPT OF HIGHWAYS
PDT	2/24/19 10:00	2/24/19 18:00	WHEELER	3 S FOSSIL	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/24/19 10:02	2/24/19 18:02	UMATILLA	4 SSW MISSION	OR	SNOW	3.50	NWS EMPLOYEE
PDT	2/24/19 10:02	2/24/19 18:02	KITTITAS	4 ENE THORP	WA	HEAVY SNOW	4.10	TRAINED SPOTTER
PDT	2/24/19 10:12	2/24/19 18:12	YAKIMA	4 SSE COWICHE	WA	HEAVY SNOW	8.50	TRAINED SPOTTER
PDT	2/24/19 10:38	2/24/19 18:38	SHERMAN	8 ESE MORO	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/24/19 10:44	2/24/19 18:44	YAKIMA	3 SSE WHITE SWAN	WA	HEAVY SNOW	6.50	TRAINED SPOTTER
PDT	2/24/19 11:02	2/24/19 19:02	WASCO	E MAUPIN	OR	HEAVY SNOW	6.50	TRAINED SPOTTER
PDT	2/24/19 11:23	2/24/19 19:23	DESCHUTES	5 N LA PINE	OR	HEAVY SNOW	6.00	TRAINED SPOTTER
PDT	2/24/19 11:55	2/24/19 19:55	KLICKITAT	GOLDENDALE	WA	HEAVY SNOW	5.50	PUBLIC
PDT	2/24/19 11:59	2/24/19 19:59	WHEELER	FOSSIL	OR	HEAVY SNOW	7.00	PUBLIC
PDT	2/24/19 12:00	2/24/19 20:00	UMATILLA	PILOT ROCK	OR	HEAVY SNOW	7.00	PUBLIC
PDT	2/24/19 12:00	2/24/19 20:00	DESCHUTES	SUNRIVER	OR	SNOW	7.00	PUBLIC
PDT	2/24/19 12:00	2/24/19 20:00	SHERMAN	WASCO	OR	HEAVY SNOW	8.00	PUBLIC
PDT	2/24/19 12:08	2/24/19 20:08	UMATILLA	1 S PILOT ROCK	OR	HEAVY SNOW	6.50	PUBLIC
PDT	2/24/19 12:12	2/24/19 20:12	GILLIAM	ARLINGTON	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 12:17	2/24/19 20:17	UNION	5 W ELGIN	OR	HEAVY SNOW	8.50	PUBLIC
PDT	2/24/19 12:19	2/24/19 20:19	UMATILLA	TOLLGATE	OR	HEAVY SNOW	0.00	PUBLIC
PDT	2/24/19 12:19	2/24/19 20:19	UMATILLA	TOLLGATE	OR	HEAVY SNOW	10.00	PUBLIC

Local Storm Reports (continued)

PDT	2/24/19 12:24	2/24/19 20:24	MORROW	RUGGS	OR	HEAVY SNOW	8.00	PUBLIC
PDT	2/24/19 12:28	2/24/19 20:28	UMATILLA	HERMISTON	OR	HEAVY SNOW	4.50	PUBLIC
PDT	2/24/19 12:32	2/24/19 20:32	MORROW	HEPPNER	OR	HEAVY SNOW	7.00	PUBLIC
PDT	2/24/19 12:35	2/24/19 20:35	JEFFERSON	MADRAS	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 12:35	2/24/19 20:35	YAKIMA	3 SSE WHITE SWAN	WA	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/24/19 12:37	2/24/19 20:37	UNION	3 N ELGIN	OR	HEAVY SNOW	11.00	PUBLIC
PDT	2/24/19 12:45	2/24/19 20:45	WASCO	3 SSW MOSIER	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 13:55	2/24/19 21:55	UMATILLA	HELIX	OR	HEAVY SNOW	4.00	PUBLIC
PDT	2/24/19 14:00	2/24/19 22:00	MORROW	BOARDMAN	OR	HEAVY SNOW	4.50	PUBLIC
PDT	2/24/19 14:12	2/24/19 22:12	MORROW	1 SSE BOARDMAN	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/24/19 14:26	2/24/19 22:26	WALLOWA	WALLOWA	OR	HEAVY SNOW	6.00	PUBLIC
PDT	2/24/19 14:31	2/24/19 22:31	DESCHUTES	3 N SISTERS	OR	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/24/19 14:48	2/24/19 22:48	YAKIMA	TIETON	WA	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 14:49	2/24/19 22:49	KLICKITAT	S CENTERVILLE	WA	HEAVY SNOW	12.00	PUBLIC
PDT	2/24/19 15:00	2/24/19 23:00	WALLA WALLA	4 ENE WALLA WALLA	WA	HEAVY SNOW	4.00	CO-OP OBSERVER
PDT	2/24/19 15:00	2/24/19 23:00	YAKIMA	YAKIMA	WA	HEAVY SNOW	4.00	CO-OP OBSERVER
PDT	2/24/19 15:18	2/24/19 23:18	KITTITAS	2 NW ROSLYN	WA	HEAVY SNOW	6.00	PUBLIC
PDT	2/24/19 15:27	2/24/19 23:27	WASCO	11 SW MAUPIN	OR	HEAVY SNOW	14.00	PUBLIC
PDT	2/24/19 15:45	2/24/19 23:45	DESCHUTES	5 NNW LA PINE	OR	HEAVY SNOW	8.50	TRAINED SPOTTER
PDT	2/24/19 15:50	2/24/19 23:50	DESCHUTES	REDMOND	OR	SNOW	2.00	PUBLIC
PDT	2/24/19 16:18	2/25/19 0:18	BENTON	KENNEWICK	WA	HEAVY SNOW	4.00	PUBLIC
PDT	2/24/19 16:25	2/25/19 0:25	KITTITAS	ELLENSBURG	WA	HEAVY SNOW	6.00	PUBLIC
PDT	2/24/19 17:00	2/25/19 1:00	YAKIMA	5 ENE YAKIMA	WA	SNOW	3.30	TRAINED SPOTTER
PDT	2/24/19 18:00	2/25/19 2:00	DESCHUTES	10 NNW REDMOND	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 18:10	2/25/19 2:10	BENTON	WEST RICHLAND	WA	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 18:15	2/25/19 2:15	KLICKITAT	SNOWDEN	WA	HEAVY SNOW	8.00	PUBLIC
PDT	2/24/19 18:25	2/25/19 2:25	JEFFERSON	MADRAS	OR	HEAVY SNOW	6.50	PUBLIC
PDT	2/24/19 18:45	2/25/19 2:45	WALLOWA	JOSEPH	OR	HEAVY SNOW	6.00	PUBLIC
PDT	2/24/19 19:15	2/25/19 3:15	BENTON	KENNEWICK	WA	HEAVY SNOW	5.00	PUBLIC
PDT	2/24/19 19:40	2/25/19 3:40	KITTITAS	2 ESE EASTON	WA	HEAVY SNOW	12.00	PUBLIC

Local Storm Reports (continued)

PDT	2/25/19 5:30	2/25/19 13:30	CROOK	3 ENE PRINEVILLE	OR	HEAVY SNOW	9.00	TRAINED SPOTTER
PDT	2/25/19 5:45	2/25/19 13:45	JEFFERSON	11 NW TERREBONNE	OR	HEAVY SNOW	10.00	TRAINED SPOTTER
PDT	2/25/19 5:45	2/25/19 13:45	DESCHUTES	REDMOND	OR	HEAVY SNOW	10.00	PUBLIC
PDT	2/25/19 6:00	2/25/19 14:00	UMATILLA	PILOT ROCK	OR	SNOW	2.30	PUBLIC
PDT	2/25/19 6:00	2/25/19 14:00	UMATILLA	4 NW MEACHAM	OR	SNOW	7.00	CO-OP OBSERVER
PDT	2/25/19 6:00	2/25/19 14:00	DESCHUTES	2 WNW SISTERS	OR	HEAVY SNOW	17.20	COCORAHS
PDT	2/25/19 6:07	2/25/19 14:07	UNION	9 N ELGIN	OR	HEAVY SNOW	5.10	COCORAHS
PDT	2/25/19 6:51	2/25/19 14:51	CROOK	3 SSE PRINEVILLE	OR	HEAVY SNOW	10.00	TRAINED SPOTTER
PDT	2/25/19 7:00	2/25/19 15:00	WHEELER	2 E MITCHELL	OR	HEAVY SNOW	10.00	CO-OP OBSERVER
PDT	2/25/19 7:15	2/25/19 15:15	GRANT	MOUNT VERNON	OR	HEAVY SNOW	5.00	PUBLIC
PDT	2/25/19 7:30	2/25/19 15:30	UMATILLA	ESE PENDLETON	OR	SNOW	3.50	COCORAHS
PDT	2/25/19 7:30	2/25/19 15:30	WALLOWA	2 SE LOSTINE	OR	HEAVY SNOW	6.50	COCORAHS
PDT	2/25/19 7:30	2/25/19 15:30	WALLOWA	SSE JOSEPH	OR	HEAVY SNOW	7.00	COCORAHS
PDT	2/25/19 7:30	2/25/19 15:30	DESCHUTES	2 NW BEND	OR	HEAVY SNOW	14.00	COCORAHS
PDT	2/25/19 7:32	2/25/19 15:32	GRANT	JOHN DAY	OR	HEAVY SNOW	5.00	CO-OP OBSERVER
PDT	2/25/19 7:40	2/25/19 15:40	KITTITAS	1 SSE ELLENSBURG	WA	HEAVY SNOW	4.00	CO-OP OBSERVER
PDT	2/25/19 7:54	2/25/19 15:54	DESCHUTES	3 NNW REDMOND	OR	HEAVY SNOW	12.00	TRAINED SPOTTER
PDT	2/25/19 7:54	2/25/19 15:54	DESCHUTES	5 WNW REDMOND	OR	HEAVY SNOW	20.00	TRAINED SPOTTER
PDT	2/25/19 8:00	2/25/19 16:00	UNION	5 NNE LA GRANDE	OR	HEAVY SNOW	4.50	TRAINED SPOTTER
PDT	2/25/19 8:00	2/25/19 16:00	DESCHUTES	3 E BEND	OR	HEAVY SNOW	11.00	NEWSPAPER
PDT	2/25/19 8:00	2/25/19 16:00	DESCHUTES	2 NNE BEND	OR	HEAVY SNOW	12.00	NEWSPAPER
PDT	2/25/19 8:02	2/25/19 16:02	DESCHUTES	5 NNW LA PINE	OR	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/25/19 8:18	2/25/19 16:18	GRANT	LONG CREEK	OR	SNOW	6.50	CO-OP OBSERVER
PDT	2/25/19 8:28	2/25/19 16:28	JEFFERSON	2 NE MADRAS	OR	HEAVY SNOW	10.00	TRAINED SPOTTER
PDT	2/25/19 8:30	2/25/19 16:30	WALLOWA	ENTERPRISE	OR	HEAVY SNOW	7.50	AMATEUR RADIO
PDT	2/25/19 8:33	2/25/19 16:33	CROOK	2 NNW PRINEVILLE	OR	HEAVY SNOW	11.00	TRAINED SPOTTER
PDT	2/25/19 9:00	2/25/19 17:00	DESCHUTES	11 WNW REDMOND	OR	HEAVY SNOW	27.00	BROADCAST MEDIA
PDT	2/25/19 9:40	2/25/19 17:40	GRANT	12 SSW CANYON CITY	OR	HEAVY SNOW	6.40	COCORAHS
PDT	2/25/19 9:58	2/25/19 17:58	DESCHUTES	N TUMALO	OR	HEAVY SNOW	18.00	NWS EMPLOYEE

Local Storm Reports (continued)

PDT	2/25/19 10:00	2/25/19 18:00	DESCHUTES	1 WSW REDMOND	OR	HEAVY SNOW	22.50	COCORAHS
PDT	2/25/19 10:03	2/25/19 18:03	DESCHUTES	6 ENE BEND	OR	HEAVY SNOW	12.00	CO-OP OBSERVER
PDT	2/25/19 10:42	2/25/19 18:42	DESCHUTES	5 N LA PINE	OR	HEAVY SNOW	14.00	TRAINED SPOTTER
PDT	2/25/19 10:47	2/25/19 18:47	DESCHUTES	1 WNW REDMOND	OR	HEAVY SNOW	22.50	TRAINED SPOTTER
PDT	2/25/19 11:20	2/25/19 19:20	JEFFERSON	6 N ASHWOOD	OR	HEAVY SNOW	12.00	CO-OP OBSERVER
PDT	2/25/19 12:00	2/25/19 20:00	DESCHUTES	3 SW BEND	OR	HEAVY SNOW	36.00	BROADCAST MEDIA
PDT	2/25/19 12:05	2/25/19 20:05	UNION	ESE UNION	OR	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/25/19 12:44	2/25/19 20:44	DESCHUTES	1 E BEND	OR	HEAVY SNOW	26.00	NEWSPAPER
PDT	2/25/19 15:00	2/25/19 23:00	CROOK	PRINEVILLE	OR	HEAVY SNOW	17.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	JEFFERSON	CULVER	OR	HEAVY SNOW	20.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	5 NNW BEND	OR	HEAVY SNOW	21.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	JEFFERSON	MADRAS	OR	HEAVY SNOW	22.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	TUMALO	OR	HEAVY SNOW	22.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	TERREBONNE	OR	HEAVY SNOW	24.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	4 WSW REDMOND	OR	HEAVY SNOW	26.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	BEND	OR	HEAVY SNOW	26.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	LA PINE	OR	HEAVY SNOW	30.00	BROADCAST MEDIA
PDT	2/25/19 15:00	2/25/19 23:00	DESCHUTES	LA PINE	OR	HEAVY SNOW	48.00	BROADCAST MEDIA
PDT	2/25/19 16:45	2/26/19 0:45	WALLOWA	SSE JOSEPH	OR	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/25/19 17:00	2/26/19 1:00	GRANT	MOUNT VERNON	OR	HEAVY SNOW	7.00	PUBLIC
PDT	2/25/19 17:15	2/26/19 1:15	BENTON	2 SE KENNEWICK	WA	HEAVY SNOW	5.00	TRAINED SPOTTER
PDT	2/25/19 17:49	2/26/19 1:49	DESCHUTES	SISTERS	OR	HEAVY SNOW	27.50	BROADCAST MEDIA
PDT	2/25/19 17:49	2/26/19 1:49	DESCHUTES	REDMOND	OR	HEAVY SNOW	30.00	BROADCAST MEDIA
PDT	2/25/19 20:00	2/26/19 4:00	MORROW	1 SSE BOARDMAN	OR	HEAVY SNOW	7.00	TRAINED SPOTTER
PDT	2/25/19 20:30	2/26/19 4:30	BENTON	4 ENE ALDERDALE	WA	HEAVY SNOW	4.50	PUBLIC
PDT	2/26/19 2:00	2/26/19 10:00	BENTON	2 SE KENNEWICK	WA	HEAVY SNOW	5.50	TRAINED SPOTTER
PDT	2/26/19 8:30	2/26/19 16:30	BENTON	3 NW KENNEWICK	WA	HEAVY SNOW	4.00	AMATEUR RADIO
PDT	2/26/19 9:12	2/26/19 17:12	BENTON	KENNEWICK	WA	HEAVY SNOW	0.00	LAW ENFORCEMENT
PDT	2/26/19 10:30	2/26/19 18:30	WALLA WALLA	3 ENE WALLA WALLA	WA	HEAVY SNOW	8.00	CO-OP OBSERVER
PDT	2/27/19 7:00	2/27/19 15:00	WHEELER	2 E MITCHELL	OR	HEAVY SNOW	5.00	CO-OP OBSERVER
PDT	2/27/19 7:30	2/27/19 15:30	CROOK	6 SSE PRINEVILLE	OR	HEAVY SNOW	5.00	COCORAHS
PDT	2/27/19 7:30	2/27/19 15:30	JEFFERSON	6 NNW MADRAS	OR	HEAVY SNOW	6.00	COCORAHS
PDT	2/27/19 7:30	2/27/19 15:30	DESCHUTES	2 NNW REDMOND	OR	HEAVY SNOW	8.40	COCORAHS
PDT	2/27/19 8:00	2/27/19 16:00	MORROW	WNW IONE	OR	SNOW	2.00	TRAINED SPOTTER
PDT	2/27/19 8:00	2/27/19 16:00	GILLIAM	W MAYVILLE	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/27/19 8:20	2/27/19 16:20	DESCHUTES	5 NNW LA PINE	OR	HEAVY SNOW	8.00	TRAINED SPOTTER
PDT	2/27/19 9:45	2/27/19 17:45	UMATILLA	2 SW HOLDMAN	OR	SNOW	2.00	TRAINED SPOTTER
PDT	2/27/19 9:45	2/27/19 17:45	UMATILLA	4 SW ATHENA	OR	HEAVY SNOW	4.00	TRAINED SPOTTER
PDT	2/27/19 21:00	2/28/19 5:00	UMATILLA	HERMISTON	OR	HEAVY SNOW	4.00	PUBLIC
PDT	2/28/19 6:00	2/28/19 14:00	WALLA WALLA	WALLA WALLA	WA	HEAVY SNOW	5.00	CO-OP OBSERVER

Record Weather During February, 2019

<u>DATE</u>		<u>CITY, STATE</u>	<u>PREVIOUS RECORD</u>	<u>NEW RECORD</u>	<u>RECORDS BEGAN</u>
Feb 4th, 2019	Precipitation	Yakima, WA	0.28/1950	0.59	1909
		Pendleton, OR	0.25/2001	0.35	1934
		Hermiston, OR	0.33/1907	0.48	1906
Feb 6th, 2019	Low Temperature	Selah, WA	10/2014	-4	1998
		Yakima, WA	0/1985	-6	1909
Feb 7th, 2019	Low Temperature	Yakima, WA	-4/2014	-8	1909
		Meacham, OR	4/2001	-14	1929
Feb 22nd, 2019	Low Temperature	Whitman Mission, WA	9/1993	8	1962
		Walla Walla, WA	19/1957	17	1930
		Goldendale, WA	7/2018	6	1905
		Moro, OR	8/1918	5	1897
		Meacham, OR	5/2010	-6	1929
		La Grande, OR	15/2010	12	1887
Feb 23rd	Low Temperature	Yakima, WA	11/2018	8	1909
Feb 25th	High Snowfall	Lower Hay Creek, OR	0.5/1971	10	1938
		Whitman Mission, WA	0.5/2014	3.2	1962
		Prineville, OR	1.5/1928	9.9	1897
		Long Creek, OR	5.0/1911	6.5	1908
		John Day (City), OR	4.2/1971	5	1891
		Cove, OR	4.0/2011	4.1	1917
		Bend (City), OR	4.0/1917	12.5	1901
Feb 26th	High Snowfall	Whitman Mission, WA	2.0/1996	3	1962
		Goldendale, WA	2.0/1911	2.0 (Tied)	1905
Feb 27th	High Snowfall	Prineville, OR	3.0/1930	4.5	1897
		Moro, OR	1.0/1971	2	1897
		John Day (City), OR	1.5/1956	2	1891
Feb 28th	Low Temperature	Redmond, OR	-7/1960	-8	1941
		Mitchell 2E, OR	14/2014	11	1996
		Antelope, OR	9/1960	7	1924
		Bend, 7NE, OR	12/1993	11	1990

February 2019 Observed Monthly Highest Max & Min Temperatures

Location	Highest Maximum Temperature	Lowest Minimum Temperature
Pendleton, OR	53	3
Redmond, OR	54	-8
Pasco, WA	45	-2
Yakima, WA	42	-8
Walla Walla, WA	54	9
Bend, OR	61	1
Ellensburg, WA	46	-4
Hermiston, OR	51	7
John Day, OR	55	6
La Grande, OR	47	1
The Dalles, OR	50	12
MT Adams RS, WA	46	1

Except for Bend, OR, every station listed had their highest temperature less than 60 degrees and about half of the stations had the lowest minimum temperature below zero.

February, 2019, Monthly Total Precipitation Totals

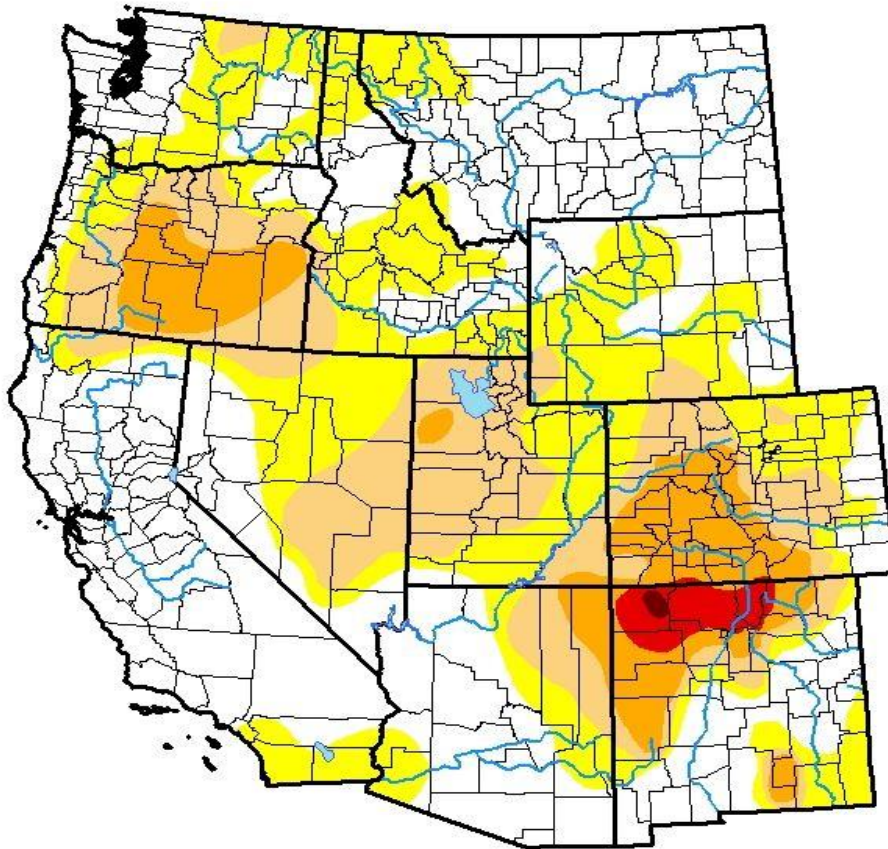
Location	Total Monthly Precip	Total Snowfall or Hail
Pendleton, OR	2.89	32.5
Redmond, OR	2.31	M
Pasco, WA	1.16	11.0
Yakima, WA	2.41	21.3
Walla Walla, WA	2.15	8.5
Bend, OR	1.27	20.9
Ellensburg, WA	1.90	31.3
Hermiston, OR	2.19	17.6
John Day, OR	1.48	13.8
La Grande, OR	2.34	12.0
The Dalles, OR	0.84	27.0
Mt Adams RS, WA	6.37	M

All stations, except for The Dalles, OR, had more than an inches of melted or liquid precipitation. Pendleton, OR had the most snow for the month of these listed cities, with Ellensburg, WA following closely behind Pendleton, OR.

End of February, 2019 - Drought Monitor

U.S. Drought Monitor West

February 26, 2019
(Released Thursday, Feb. 28, 2019)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	47.01	52.99	26.50	9.76	1.40	0.09
Last Week <i>02-19-2019</i>	37.37	62.63	36.79	14.67	3.38	0.16
3 Months Ago <i>11-27-2018</i>	24.52	75.48	55.06	28.95	10.84	3.35
Start of Calendar Year <i>01-01-2019</i>	28.03	71.97	53.25	27.22	8.35	2.88
Start of Water Year <i>09-25-2018</i>	13.91	86.09	59.57	39.68	18.15	4.36
One Year Ago <i>02-27-2018</i>	28.13	71.87	45.57	25.09	3.01	0.00

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

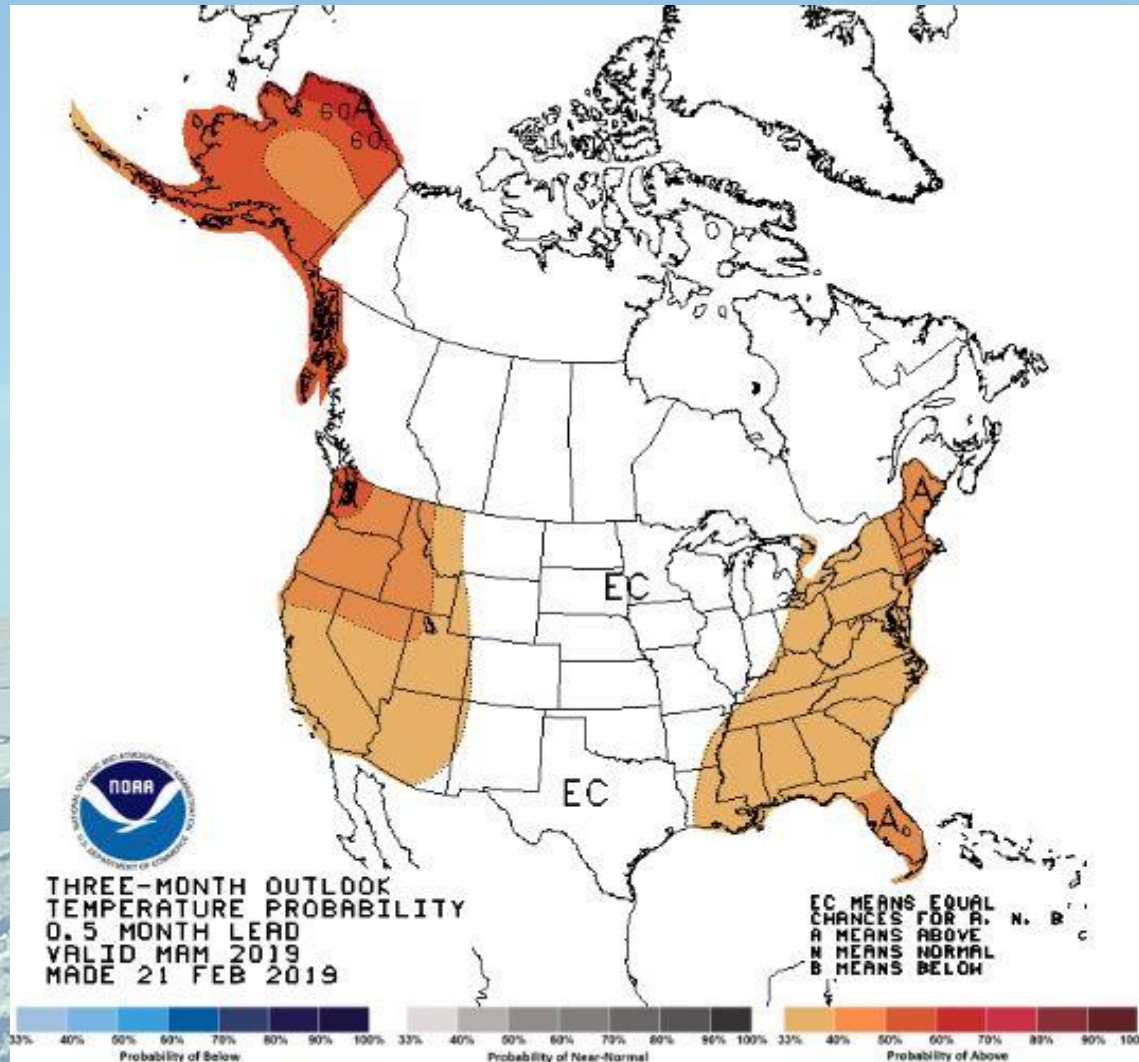
Author:

Brad Rippey
U.S. Department of Agriculture



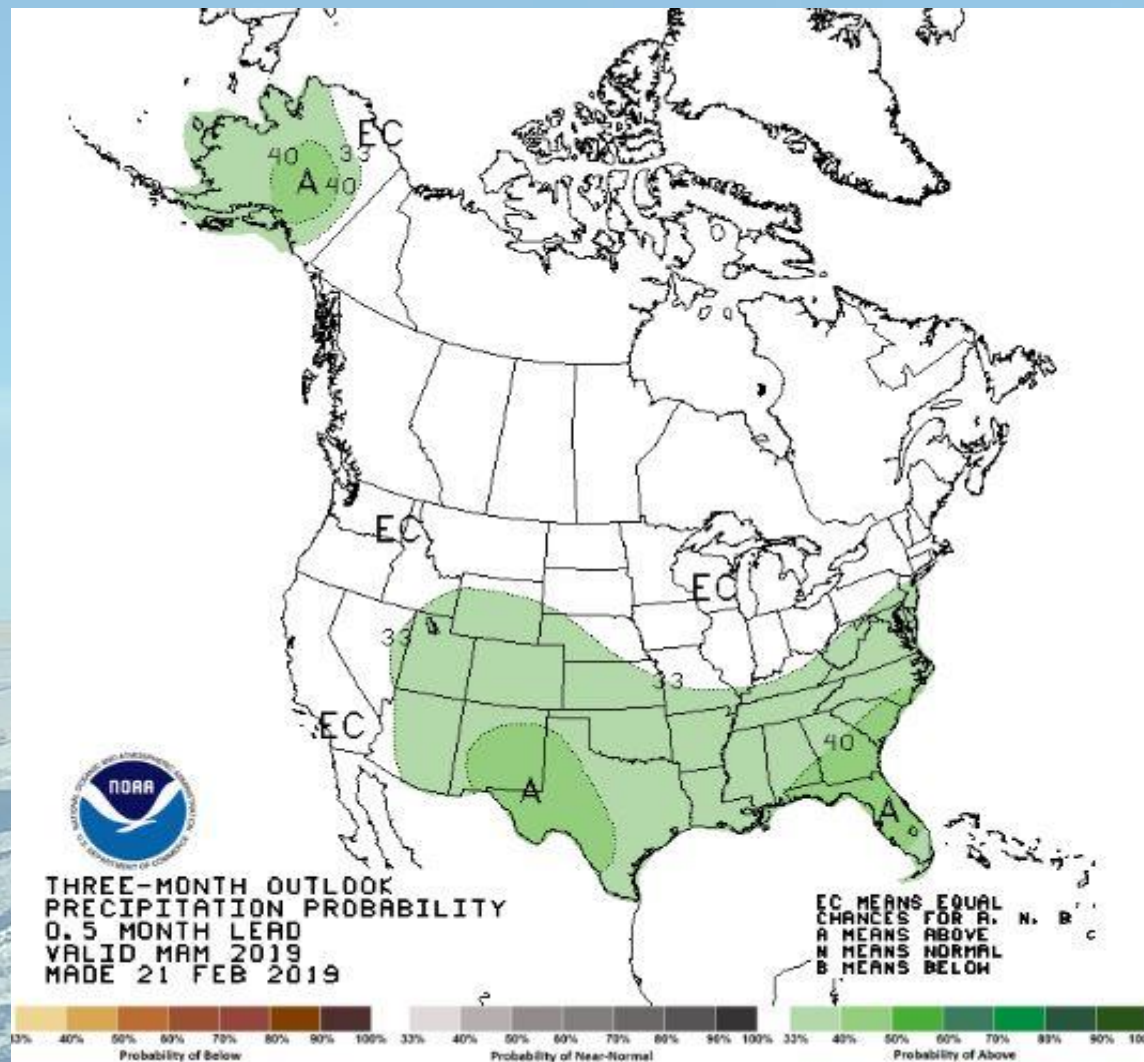
At the end of February, 2019, as of February 26th the drought conditions ranged from “none” (neither abnormally dry or wet) in northeast Oregon to D2 (Severe Drought conditions) in central Oregon (even with the above normal precipitation).

Three Month Temperature Outlook (March, April & May)



The temperature outlook for the next three months shows about a 40-50 % chance of being above normal temperatures for the Pacific Northwest and the entire Forecast Area.

Three Month Precipitation Outlook (March, April & May)

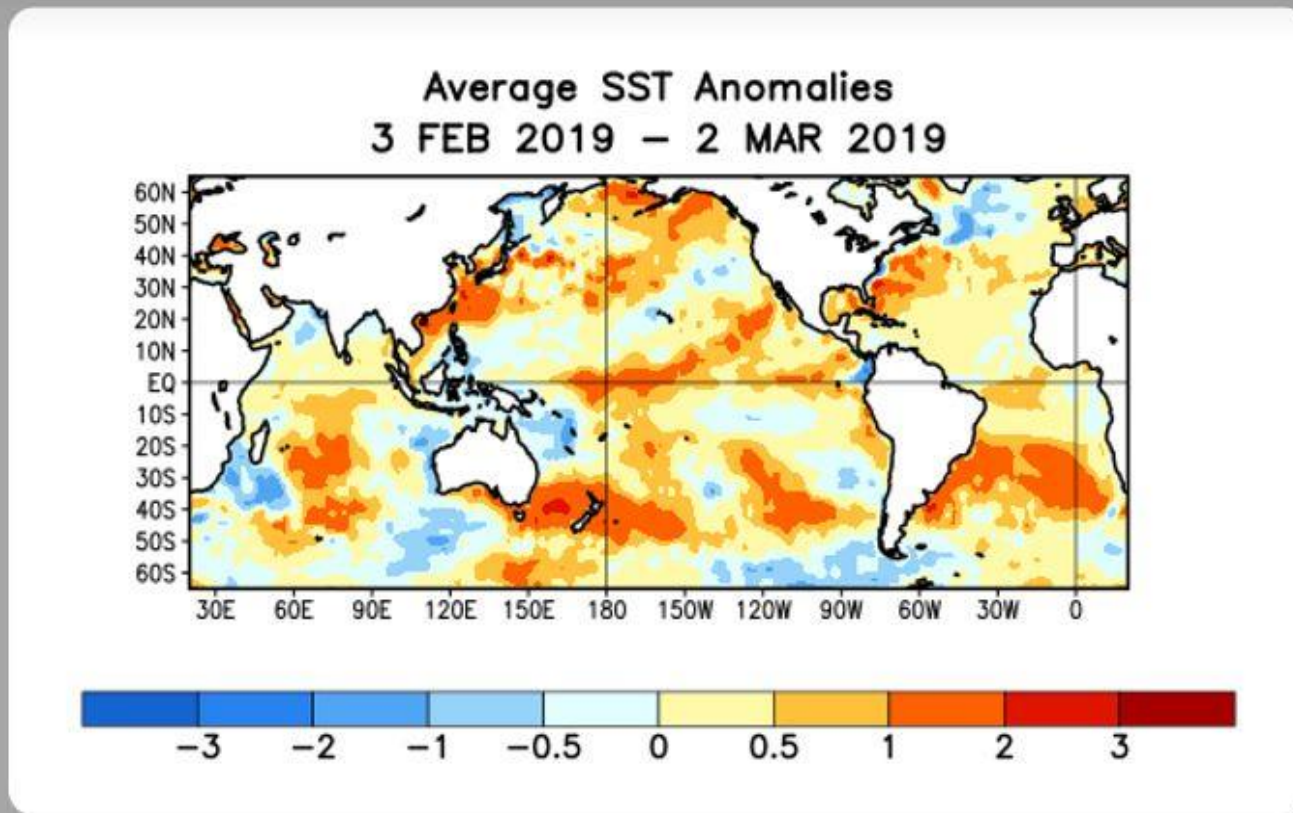


The precipitation outlook for the next three months shows the Pacific Northwest (and the Forecast Area) to have equal chances of having above or below normal precipitation (EC).

El Nino/La Nina Index for 3rd February, 2019 – 2nd March, 2019

Global SST Departures (°C) During the Last Four Weeks

During the last four weeks, equatorial SSTs were above average across most of the Pacific Ocean and central Atlantic Ocean. Equatorial SSTs were below average near Indonesia.



Note that the SST's between 0N - 30N were still above normal, which is indicative of an El-Nino pattern that continued, despite the colder and wetter than normal February for the northwest USA.



Thank You!