2024 Fire Weather Summary

South Central and Southeast Washington

Central and Northeast Oregon

Falls Fire
Rebecca Muessle IMET
June 13, 2024

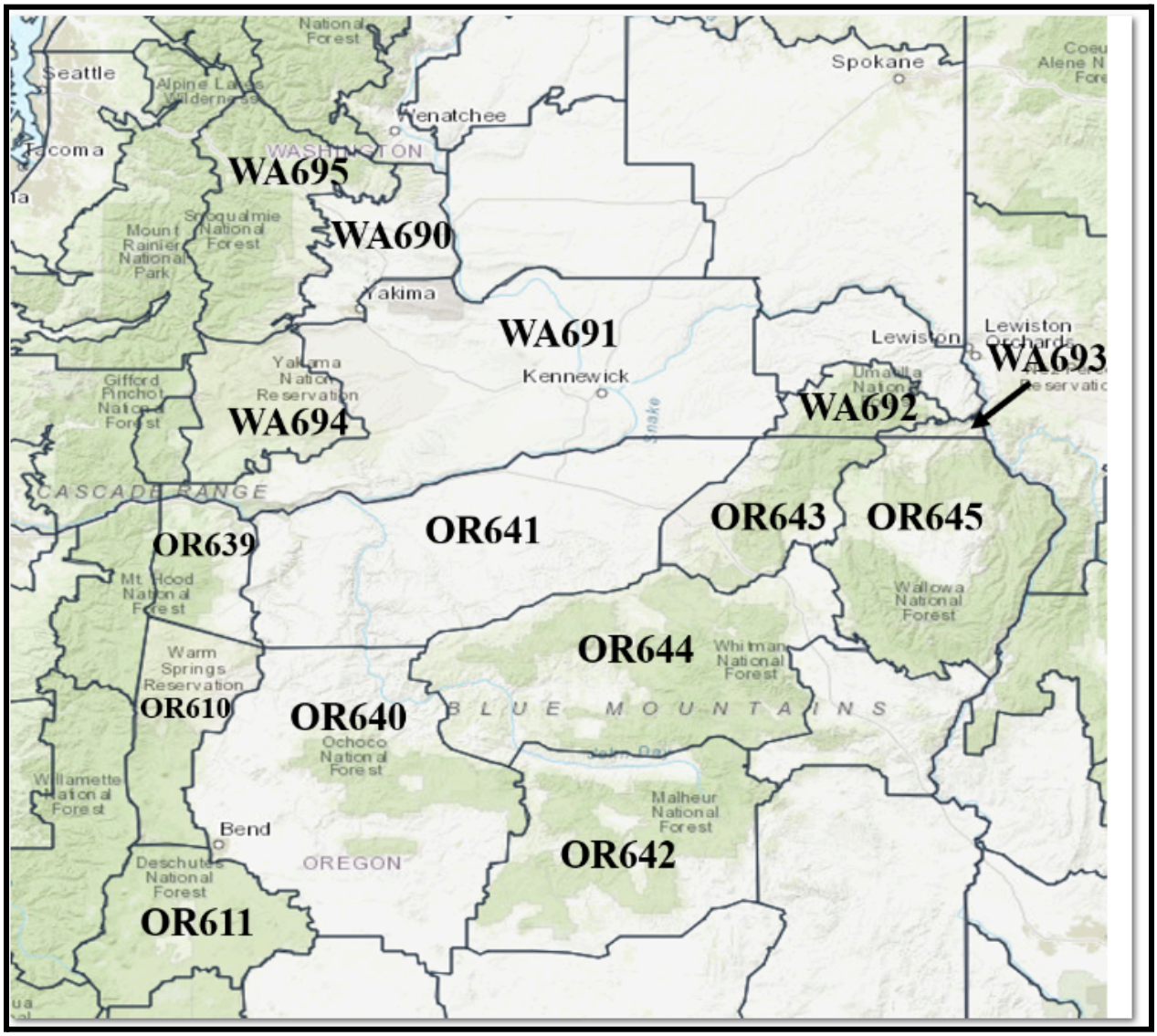
Mary Wister and Christel Bennese

Fire Weather Program Managers

National Weather Service Pendleton, Oregon

TABLE OF CONTENTS

FIRE WEATHER ZONE MAP



There are 15 fire weather zones in the forecast area of NWS Pendleton—six in Washington and nine in Oregon. (Note: In 2025, there will be changes to the Oregon fire weather zones.)

FIRE ACTIVITY SUMMARY

This was a historical year for the NWS Pendleton's forecast area with a total of 55 large* fires. Acres burned were 1,221,066 acres. Out of the 55 wildfires, 47% of them were lightning caused, 31% were unknown, while 22% were human caused. This fire season, the region was plagued with many convective storms that lead to the high amount of fires on the landscape with over 8,103 lightning strikes across the region. The highest amount of lightning strikes for one zone was in OR642 which encompasses the Southern Blue and Strawberry Mountains. This fire zone received approximately 1,597 lightning strikes. This was followed by OR644, the Central Blue Mountains, with approximately 1,380 lightning strikes. Fire zone OR645, the Wallowa District-Southeast Washington Grande Ronde Valley, was third on the list with approximately 1,291 lightning strikes (See Figure A).

Based on the Northwest Geographical Area Coordination Center (NWCC), there were 137 large wildfires in 2024 for both Washington and Oregon. Total acres burned between Washington and Oregon were 2,227,560 with a total cost of over $1.6 billion. Over 54% of the acres burned between Washington and Oregon were burned within NWS Pendleton's Fire zones alone. (*Large wildfires are defined at =/>100 acres in timber, =/>300 acres in grass/brush.)

The Battle Mountain Complex, Falls Fire, Lon Rock and Rail Ridge Fire were the most notable fires due to their size and complexity. The largest fire by acreage was the Battle Mountain Complex, located west of Ukiah, totalling 183,026 acres burned. The Rail Ridge Fire, 14 miles south of Dayville, Oregon, was the second largest fire with 176,619 acres. The Falls Fire, 20 miles north of Riley, Oregon, was the third largest with over 151,689 acres burned and lastly the Lone Rock fire with 137,222 acres (See Figure B).

How much did the weather play a role in the fire season? Although winter was met with above average precipitation for most of the region, spring was predominantly warm and dry. This was followed by another hot and dry summer across eastern Washington and eastern Oregon. Hot temperatures and heavy fine fuel loadings led to the amount of wildfires that developed across the landscape. During the start of the fire season, many of the fires were started by humans. However, there were also quite a few convective storms that also led to multiple fire starts. By late in the season, conditions were exceptionally ripe, and a severe convective event over the Labor Day weekend resulted in at least 8 lightning-started fires across the southern portion of the forecast area.

There were eleven Type 1 IMTs and within those eleven fires, eight of them required Incident Meteorologists (IMETs) on scene. There was one Type 2 IMT that did not require an IMET. The largest amount of IMTs was for the 38 Type 3 IMTs and within those 38 fires, six required IMETs. Three Type 4 IMT fires required 1 IMET on scene and lastly there were two CIMT teams for a total of 55 fires. Of the 55 total wildfires, 34 IMETs were deployed to 15 fires. See page 25 for more details on the IMET dispatches.

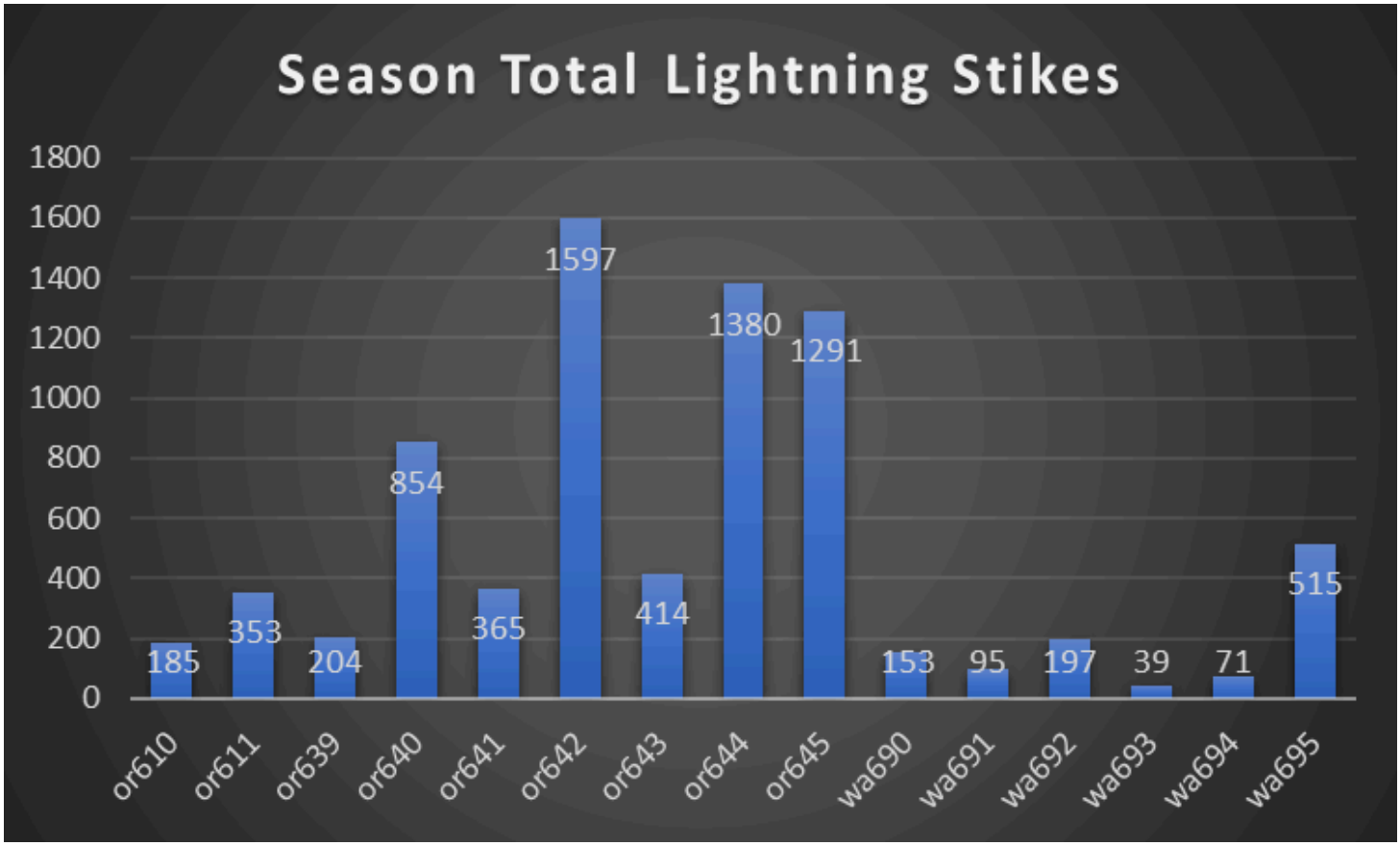


Figure A. The bar chart shows the number of approximate lightning strikes detected using Vaisala National Lightning Detection Network for each forecast zone during the fire season June 1, 2024-September 31, 2024.

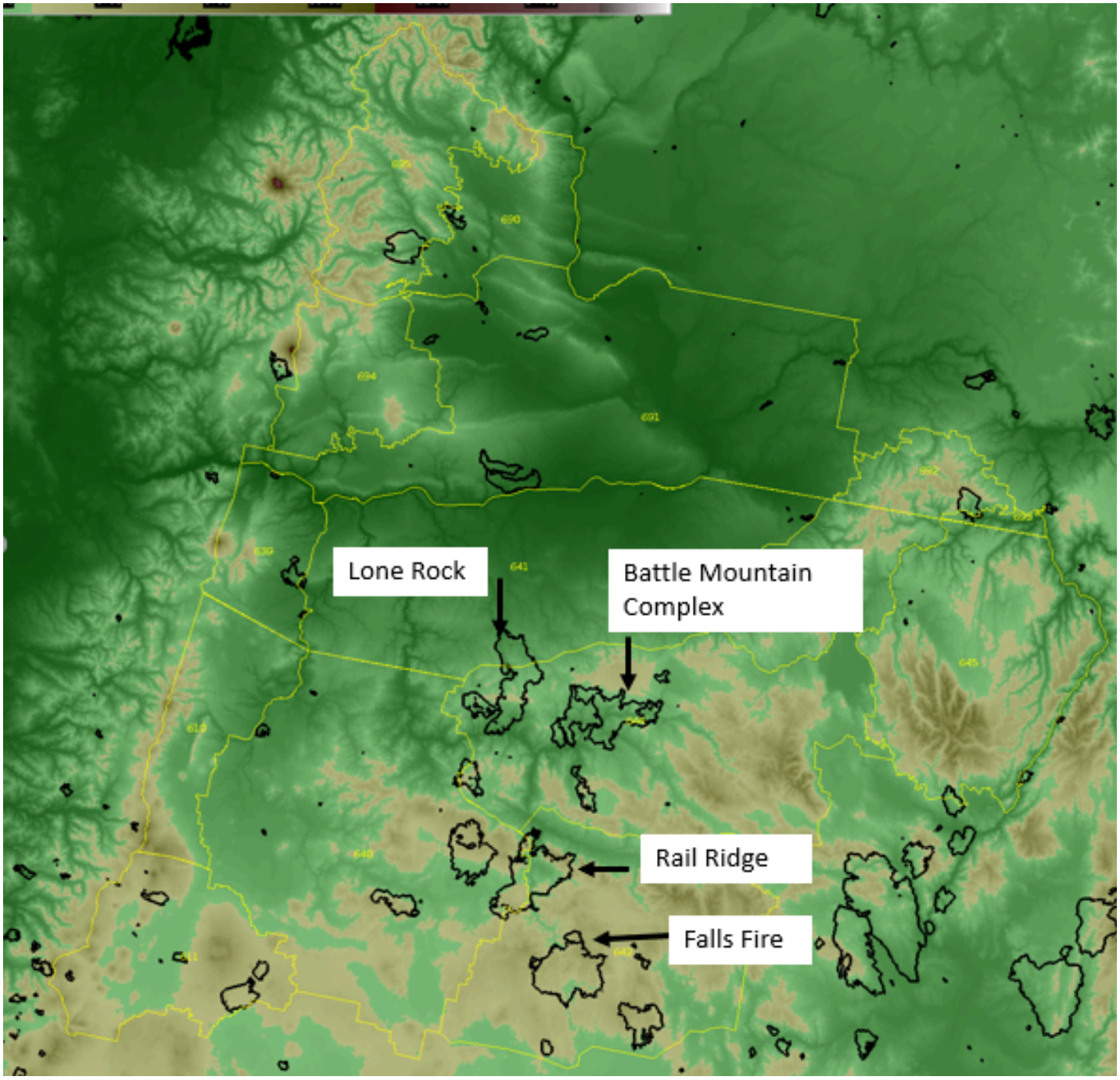


Figure B. Top four wildfires showing perimeters and topography

Source: ICS-209. Large fire defined as =/>100 acres in timber, =/>300 acres in grass/brush. *Cause: H=Human, L=Lightning, N=Natural, U=Under Investigation/Undetermined. M=Multiple (Applies to complexes with a combination of causes). Cause and containment dates based on best available information. Where complexes are reported below, individual fires within the complex will not be listed. * Indicates Fires that had IMETs on scene. Highlighted Fires are the top 4 fires by acreage.

The incidents highlighted in yellow were the largest fires in Pendleton's forecast area in 2024.

Incident Location	Unit	Start Date	Contained	*Cause	Fuel	IMT	Acres
Cold Creek	OR-MAF	6/12/2024	6/15/2025	H	Grass	4	572
0244 RV Trout Creek	OR-PRD	6/15/2024	6/18/2024	H	Grass	3	8542
Long Bend	OR-PRD	6/21/2024	6/29/2024	U	Grass	3	2500
1980 Slide Ranch	WA-YAA	6/22/2024	7/8/2024	H	Timber	3	3166
0289 NE Darlene 3	OR-PRD	6/25/2024	7/1/2024	U	Timber	3	3889
Thorp Road	WA-SPD	7/4/2028	7/8/2024	H	Grass	3	1436
0353 RV McCaffery	OR-PRD	7/6/2024	7/11/2024	U	Grass	3	458
Shofly	WA-OWF	7/8/2024		U	Timber	3	104
Upper Pine	OR-MAF	7/8/2024	8/21/2024	H	Timber	1	1086
Larch Creek*	OR-954S	7/9/2024	7/26/2024	H	Brush	1	18286
Falls*	OR-MAF	7/10/2024	8/22/2024	H	Timber	1	151689
0404 RV Lone Rock*	OR-PRD	7/13/2024	9/11/2024	U	Grass	1	137222
Cougar Creek*	WA-SES	7/15/2024	8/26/2024	U	Timber	3	24091
Battle Mountain Complex*	OR-973S	7/17/2024	9/14/2024	U	Timber	1	183026
Round Mountain	OR-DEF	7/17/2024	8/13/2024	U	Timber	4	108

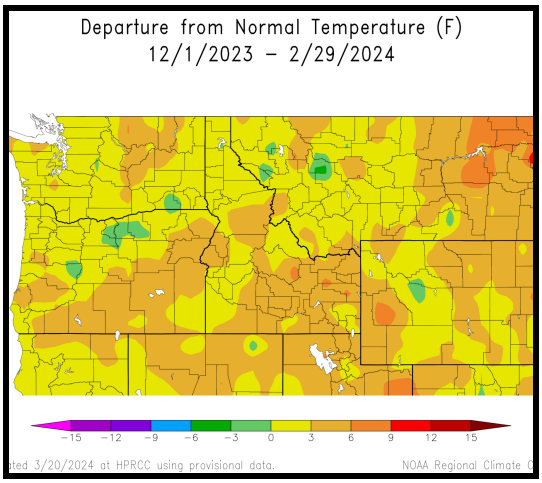
Red*	OR-DEF	7/17/2024		L	Timber	3	3060
Jack Canyon Mutual Aid	OR-973S	7/17/2024	7/19/2024	L	Timber	2	19000
Wikiup	OR-DEF	7/17/2024	8/9/2024	U	Timber	3	168
Double Snag	OR-UMF	7/18/2024	8/9/2024	L	Timber	3	131
0465 CR Jackpine	OR-PRD	7/19/2024	8/1/2024	U	Timber	3	180
Whisky Creek	OR-MHF	7/20/2024		H	Timber	3	3239
0471OD Cat Rock	OR-915S	7/20/2024	7/25/2024	U	Timber	3	219
Courtrock	OR-953S	7/21/2024	8/20/2024	L	Brush	1	20019
Telephone	OR-MAF	7/22/2024	8/22/2024	L	Timber	CIMT	54005
Microwave Tower	OR-954S	7/22/2024	8/12/2024	H	Timber	3	1313
Black Canyon	WA-SES	7/22/2024	7/24/2024	U	Grass	3	9211
0502 PR Durgan	OR-OCF	7/22/2024	7/25/2024	U	Brush	3	3200
Big Horn	WA-WFS	7/22/2024	7/30/2024	U	Grass	3	51569
Whiskey Creek	OR-MAF	722/2024	7/31/2024	L	Timber	3	281
Crazy Creek *	OR-OCF	7/22/20024	9/26/2024	L	Timber	4	86968
Camp Creek	OR-PRD	7/23/2024	8/8/2024	L	Timber	3	1581
Retreat*	WA-SES	7/23/2024	10/9/2024	H	Timber	3	45601
Sand	OR-MAF	7/24/2024	8/23/2024	L	Timber	3	7582
Whiskey Mountain	OR-MAF	7/24/2024	8/20/2024	L	Timber	CIMT	4345
Parasol	OR-MAF	7/24/2024	8/30/2024	L	Timber	3	485
Cliff Mountain	OR-WWF	7/25/2024	8/19/2024	U	Grass	3	1108

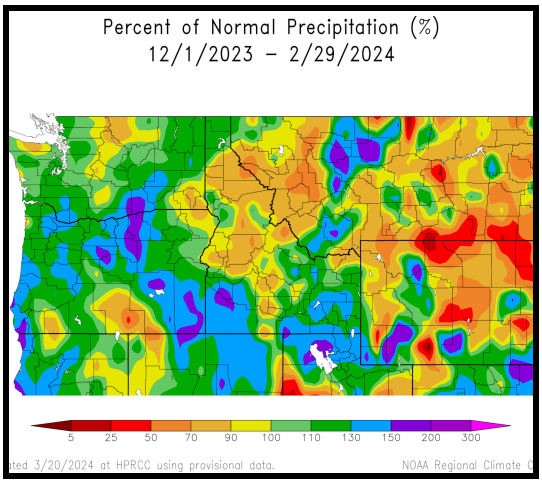
Poison Creek	OR-MAF	7/25/2024	8/30/2024	U	Grass	3	1060
Winding Water Complex	OR-974S	7/27/2024	8/11/2024	L	Timber	1	752
Umtanum	WA-SPD	7/24/2024	7/29/2024	U	Grass	3	410
0604 Elk Lane	OR-PRD	8/4/2024	8/14/2024	L	Brush	3	5176
Williams Mine	WA-GPF	8/5/2024		L	Timber	3	13092
Town Gulch	OR-WWF	8/5/2024	8/18/2024	U	Timber	3	18234
Wiley Flat*	OR-OCF	9/2/2024	10/10/2024	L	Timber	3	30186
Sage Hen	OR-BUD	9/2/2024	9/26/2024	L	Grass	3	6250
Rail Ridge*	OR-PRD	9/2/2024	11/01/2025	L	Timber	1	176619
Oak Canyon	OR-OCF	9/2/2024	9/6/2024	L	Grass	3	15170
Shoe Fly*	OR-915S	9/2/2024	9/15/2024	U	Brush	1	26817
Fossil Complex*	OR-953S	9/5/2024	9/24/2024	L	Grass	1	24446
Flat Top	OR-DEF	9/6/2024	10/5/2024	L	Grass	3	36362
Firestone	OR-DEF	9/6/2024	10/5/2024	L	Grass	3	9462
Swauk Creek*	WA-SES	9/8/2024	10/8/2024	H	Timber	3	348
Bachelor Complex*	OR-DEF	9/8/2024		L	Timber	3	16426
Tiger Creek*	OR-UMF	10/1/2024	10/31/2024	H	Timber	1	534
Pine	OR-PRD	10/7/2024	10/24/2024	U	Brush	3	6537
Top of The World	OR-CGF	10/14/2024	10/25/2024	H	Timber	3	171

WEATHER REVIEW

WINTER (DECEMBER 2023-FEBRUARY 2024)

Nearly all of the Interior Northwest observed temperatures that were near to above average during the winter season. Precipitation varied across the west, including NWS Pendleton's forecast area. It was considerably wetter than average for most of the Lower Columbia Basin and north central Oregon and near average for the southern Blue Mountains, but precipitation fell below average for the northern Blue Mountains and the Wallowas.





December 2023 was met with above normal temperatures, as high pressure dominated the weather for most of the month. Temperatures in the mountains were particularly warm during these high pressure events, as low level inversions were strong. Fog and low clouds were commonly observed in the lower elevations. In general, precipitation was near average across the forecast area (below average in Wallowa County) due to occasional frontal systems providing periods of rain and snow.

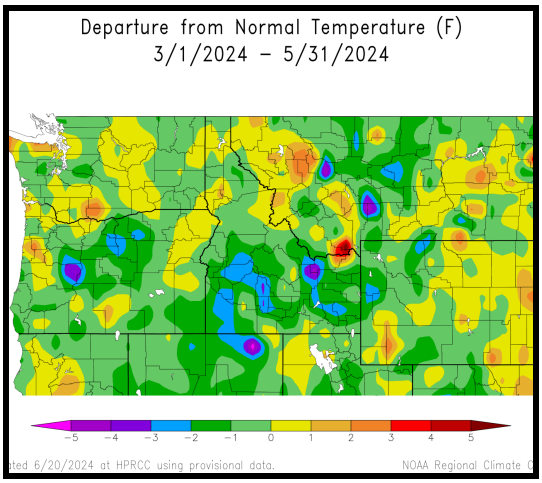
In contrast, **January 2024** was a cool and wet month. Temperatures were about -2°F to -6°F from average, and precipitation anomalies were about 100-200% of average. Wallowa County still fell short of precipitation and received only 50% of average. An Arctic front invaded the region during the mid-month followed by a progressive flow pattern bringing a series of Pacific fronts.

Predominantly, temperatures in **February 2024** were warmer than average. Precipitation was around 70-110% of average with the exception of the John Day-Ochoco Highlands around 150% of average. By the end of February, snowpack was below average across

eastern Washington and near to above average in eastern Oregon.

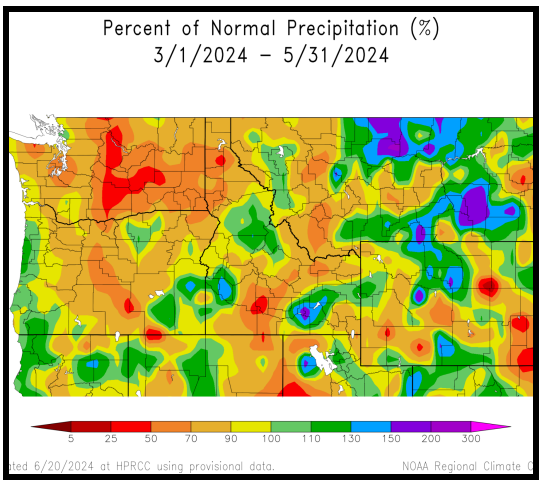
SPRING (MARCH- MAY 2024)

For the most part, spring temperatures were average while precipitation was below average.



Similar to February 2024, **March 2024** was met with above average temperatures and near to below average precipitation. It was particularly warm during the mid-month which caused the snowpack in the mountains to decrease, but the snowpack recovered as cooler and more unsettled conditions were observed at the end of the month.

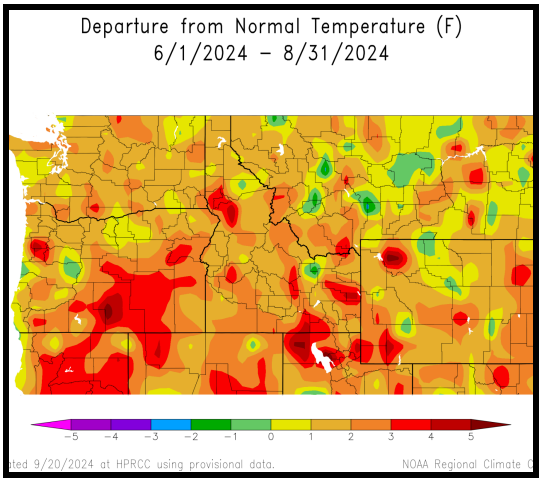
Nearly all of the forecast area recorded below average precipitation in **April 2024**, although far northeast Oregon was slightly above average. Temperatures were around seasonal average. Other than a late season snow event in the mountains early in the month, April was relatively quiet weather-wise.



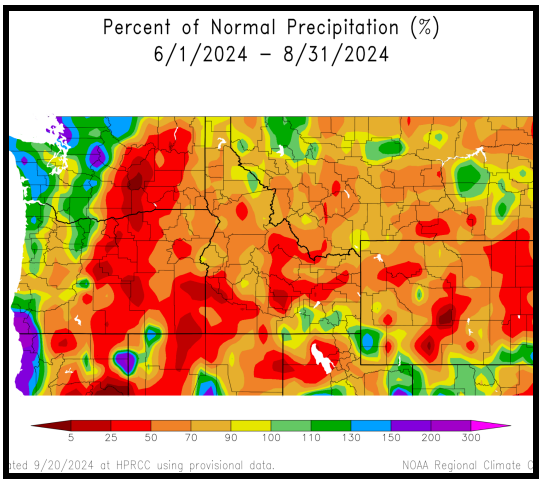
May 2024 was noted as a cool month as temperature anomalies of -1°F to -5°F were recorded. Precipitation anomalies, however, varied. From the Upper Columbia Basin south across the Kittitas and Yakima Valleys, it was considerably dry, 5% to 25% of normal. South central and southeast Oregon as well as Wallowa County were about 25-50% of average. The remainder of the region was near to slightly above average. Due to the very dry conditions over portions of Washington, drought conditions degraded.

SUMMER (JUNE- AUGUST 2024)

Summer 2024 was exceptionally warm and dry across eastern Washington and eastern Oregon. This was a major contributor to the record number of wildfires across NWS Pendleton's forecast area this fire season.



June 2024 did not start the season as exceptionally warm, but it was a dry month. Most of eastern Washington were near to below average for temperatures, while most of eastern Oregon observed near to above average temperatures. Precipitation was 5-50% of average. The only exception was along the east slopes of the Washington and Oregon Cascades that were near to slightly above average. Drought conditions worsened across the region, most notably in central Oregon. Winds and low relative humidity conditions were observed several times during the month.

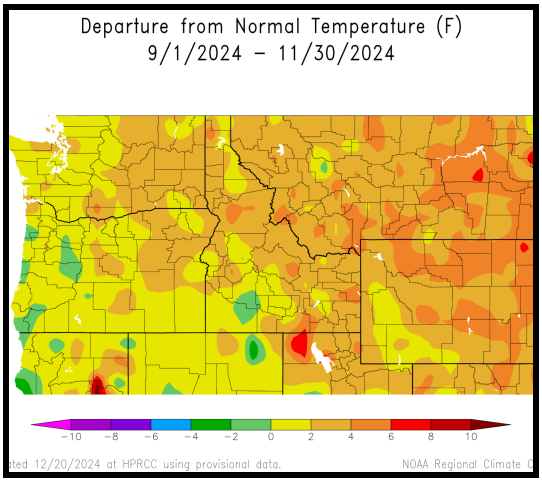


July 2024 was hot and very dry across the Pacific Northwest. In fact, average temperatures from selected sites were among the top 10% of all years, and the precipitation was 0-50% of average. This further degraded drought conditions, especially over the Blue Mountains. There were thunderstorms that brought strong winds during the later half of the month with lightning that set the stage of significant large wildfires in eastern Oregon.

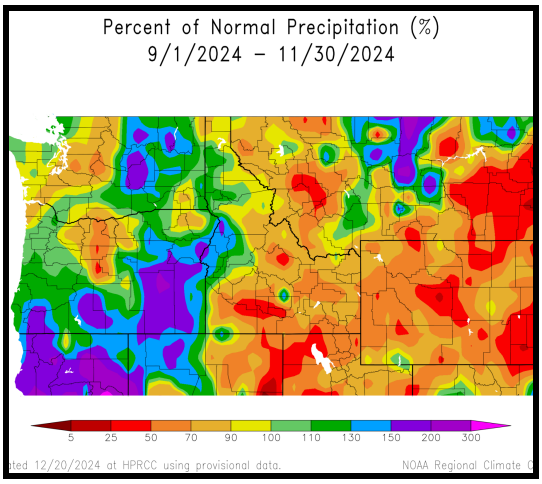
Thunderstorms continued to be problematic for new and existing fires during **August 2024.** Storms during the middle of the month were accompanied by heavy rain, bringing the precipitation anomalies to above average along the Washington and Oregon Cascades. The Columbia Basin fell below average on rainfall while the rest of the forecast area was near average. Temperatures in August 2024 were near seasonal average.

FALL (SEPTEMBER- NOVEMBER 2024)

Fall began warm and dry but November's precipitation pushed anomalies to 100-150% of average for most of the forecast area (below average in north central and far northeast Oregon). Average temperatures in Fall 2024 were near to above average.



While fire season typically winds down after Labor Day in NWS Pendleton's forecast area, **September 2024** was an exception. A thunderstorm outbreak early in the month created new lightning starts, including the numerous strikes that resulted in the Fossil Complex on Labor Day. Temperatures were well above average (1-5°F) for the month. Precipitation was around 5-25% of average for areas west of the Columbia Basin and the John Day Basin, but near average to the east.



It was another warm and dry month in **October 2024**, although there was nothing extreme about the anomalies. Overall, October was a quiet month with occasional light precipitation and high snow levels.

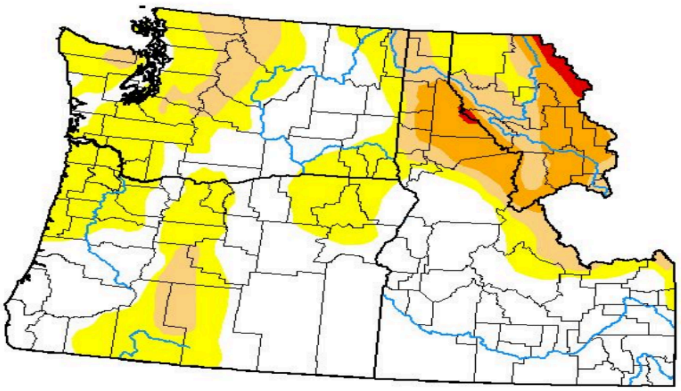
While south central Oregon, including the Deschutes National Forest was cooler than average in **November 2024**, the rest of the forecast area was near to above average for temperatures. The first 10 days were dry with high pressure dominating the weather, and a series of Pacific fronts brought rain and mountain snow the remainder of the month. This resulted in well above average precipitation. Snowpack in the John Day area and near Baker was well above average by the end of the month.

US DROUGHT MONITOR

The images below compare the drought conditions in late April and early October. Nearly all of eastern Washington and eastern Oregon showed a degradation in drought in the five-month period. By the first of October, the NWS Pendleton's forecast area fell to abnormally dry (D0) or moderate drought (D1) conditions.

U.S. Drought Monitor

Pacific Northwest DEWS



April 30, 2024

(Released Thursday, May. 2, 2024)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	52.02	47.98	18.87	7.41	0.57	0.00
Last Week 04-23-2024	52.02	47.98	18.87	7.41	0.57	0.00
3 Months Ago 01-30-2024	55.94	44.06	27.60	8.75	0.00	0.00
Start of Calendar Year 01-02-2024	44.06	55.94	26.37	4.48	0.00	0.00
Start of Water Year 09-26-2023	34.73	65.27	50.11	28.69	7.48	0.00
One Year Ago 05-02-2023	33.89	66.11	35.65	9.93	2.05	0.00

Intensity:

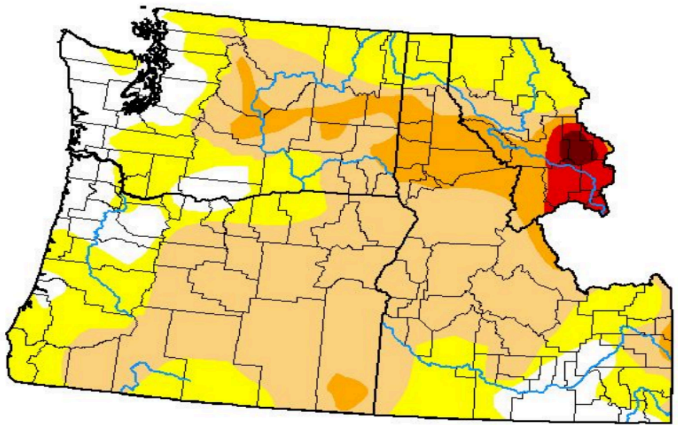
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:
Curtis Riganti
National Drought Mitigation Center

U.S. Drought Monitor

Pacific Northwest DEWS



October 1, 2024

(Released Thursday, Oct. 3, 2024)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	13.07	86.93	56.26	11.40	2.27	0.49
Last Week 09-24-2024	13.13	86.87	56.31	11.40	2.27	0.49
3 Months Ago 07-02-2024	40.07	59.93	23.52	5.18	0.00	0.00
Start of Calendar Year 01-02-2024	44.06	55.94	26.37	4.48	0.00	0.00
Start of Water Year 09-26-2023	34.73	65.27	50.11	28.69	7.48	0.00
One Year Ago 10-03-2023	34.73	65.27	49.48	27.83	5.59	0.00

Intensity:

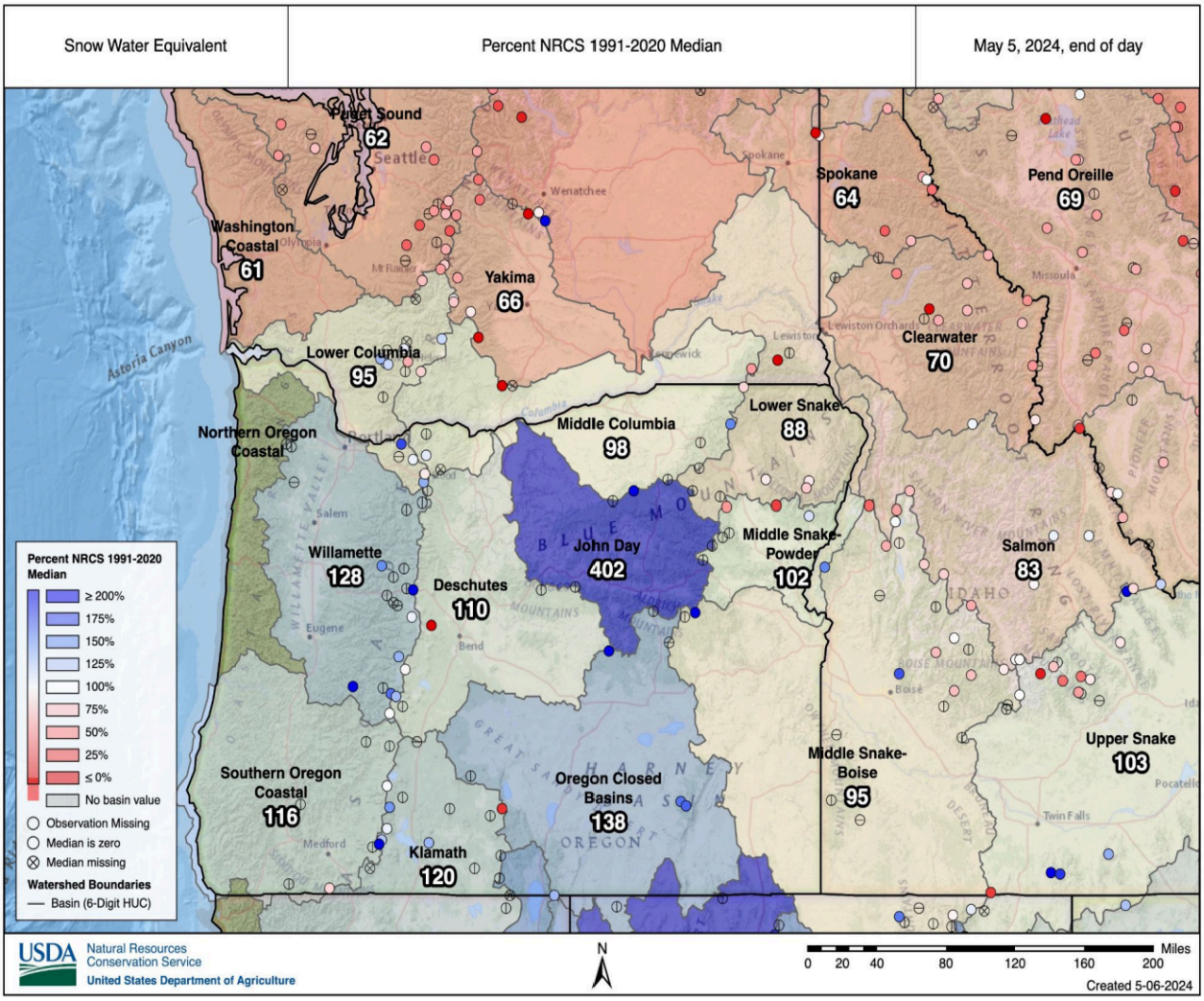
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:
Richard Tinker
CPC/NOAA/NWS/NCEP

SNOW WATER EQUIVALENT PERCENT OF NORMAL–Early May 2024

The northern half of Washington reported snowpack around 60-70% compared to average in early May. The southern half of Washington was around 95% of average. In Oregon, most of the snowpack in early May was around 80-120% of average. The John Day Basin down to Harney County recorded well above average snowpack. The circles represent the SNOTEL locations.



RED FLAG WARNING EVENTS AND VERIFICATION

Date	Zones	Reason	Verification	Lead Time
June 22	OR640,OR641, WA691	Wind/Low RH	Missed	
June 23	OR640, OR641*, WA691* **Preceded by a watch*	Wind/Low RH	Yes–all zones	12.73 hrs.
July 5-6	*WA690, *OR610, *OR611, *OR640, OR641, OR642 **Preceded by a watch*	Wind/Low RH	Yes-WA690, OR610, OR611, OR640, OR642 Missed–OR641	18.01 hrs.
July 13-14	WA690, WA691, OR641, OR642 *All preceded by a watch*	Wind/Low RH	Yes-all	15.67 hrs
July 14	OR642	Dry and Unstable (Haines 6)	Yes	0 hrs

July 16-17	*OR610, *OR611, *OR639, *OR640, OR641, *WA690, WA691, *WA694, *WA695 OR642 **Preceded by a watch*	T-storms producing abundant lightning OR642 Dry and Unstable (Haines 6)	Yes–OR611, OR639, OR640, OR641, OR642, WA691, WA694 No–OR610, WA690, WA695	19.63 hrs
July 16-17 extended warnings	OR641, OR643, OR644, WA690, WA691, WA692, WA694, WA695	T-storms producing abundant lightning	Yes–OR641, WA691, WA694 No–WA690, WA695 Missed–OR643, OR644, WA692	0 hrs
July 20-21	OR611, OR640, *OR642, *OR644 **Preceded by a watch*	T-storms producing abundant lightning	Yes–OR611, OR640 No–OR642, OR644	27.75 hrs
July 22	OR645	T-storms producing abundant lightning	Missed	
July 24	OR642, *OR643, *OR644, WA692, WA693	T-storms producing abundant lightning	Yes–OR642, OR645, WA692, WA693 No–OR643, OR644	27.47 hrs

August 2	OR640, OR642, OR644 *All zones preceded by a watch*	Dry and Unstable (Haines 6)	Yes–all	30.65 hrs
August 3	OR640, OR642, OR644, OR645	T-storms producing abundant lightning	No-all	
August 5-6	OR639, OR643, OR645, WA691, WA693, WA694	T-storms producing abundant lightning	Yes–643, OR645, WA691, WA693, WA694 No-OR639	9.7 hrs
August 5-6 extended warnings	OR643, OR645, WA692, WA693	T-storms producing abundant lightning	Yes–all	0 hrs
August 10	WA690, WA694, WA695	T-storms producing abundant lightning	No-all	
August 14-15	*OR611, *OR640, *OR642, OR644, OR645, WA692 **Preceded by a*	T-storms producing abundant lightning	Yes-OR611, OR642, OR644, OR645 No-OR640 Missed-WA692	15.72 hrs

	watch			
August 17	OR641, OR642, WA690, WA691 *All zones preceded by a watch*	T-storms producing abundant lightning	Yes-all Note: WA690, WA694, and OR639 received abundant lightning but also heavy rain	12.82 hrs
August 20	OR643	T-storms producing abundant lightning	Missed	
August 23	WA692, WA693, OR640, OR642, OR644, OR645	T-storms producing abundant lightning	Missed	
August 27	WA691, OR641	Wind/Low RH	Missed	
Sept. 2-3	WA690, WA694, OR611, OR641, OR643, OR644, OR645 OR640	T-storms producing abundant lightning Wind/Low RH for OR640	Missed	

Sept. 6-7	*WA692, *WA693, OR610, OR611, OR640, OR641 *OR642, *OR643, *OR644, *OR645 *Preceded by a watch*	T-storms producing abundant lightning OR640 and OR642-Dry and Unstable (Haines 6)	Yes-OR640, OR642, OR644, OR645, WA692, WA693 No–OR610, OR611, OR641	11.86 hrs
Stept. 6-7 extended warnings	OR610, OR611, OR640	T-storms producing abundant lightning	Yes-OR610, OR611 No-OR640	6.9 hrs
Sept. 25	WA692, OR642	T-storms producing abundant lightning (WA692) Wind/Low RH (OR642)	Missed	
Sept. 29	WA691, OR641 *Both zones preceded by a watch*	Wind/Low RH	Yes-WA691 No-OR641	9.78 hrs

October 4	WA693, OR640, OR642	Wind/Low RH	Yes-all	14.61 hrs
				Average: 10.35 hrs.

2024 Red Flag Warning Totals			
Total # of Warnings	86	POD	0.69
Total # of Events	91	FAR	0.27
Verified Warnings	63	CSI	0.55
Missed Warnings	28	ALT (Min)	621.19
Unverified Warnings	23	ALT (Hrs)	10.35
Watches issued	41	Total Min	56528
Verified Watches	32		
Warnings Preceded by Watches	37		

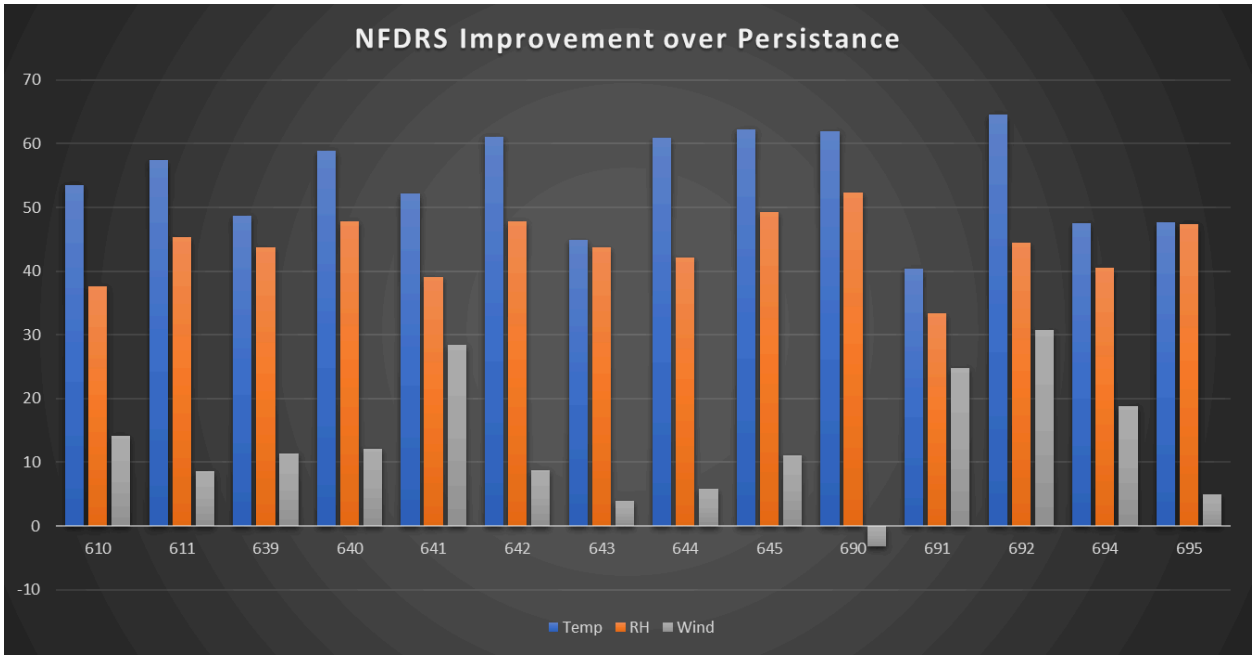
2024 Red Flag Warning Synoptic Totals			
Total # of Warnings	21	POD	0.71
Total # of Events	28	FAR	0.05
Verified Warnings	20	CSI	0.69
Missed Warnings	8	ALT (Min)	736.82
Unverified Warnings	1	ALT (Hrs)	12.28
Watches Issued	14	Total Min	20631
Warnings Preceded by Watches	14		

2024 Red Flag Warning T-Storm Totals			
Total # of Warnings	65	POD	0.68
Total # of Events	63	FAR	0.34
Verified Warnings	43	CSI	0.51
Missed Warnings	20	ALT (Min)	556.89
Unverified Warnings	22	ALT (Hrs)	9.28
Watches Issued	27	Total Min	35084
Warnings Preceded by Watches	23		

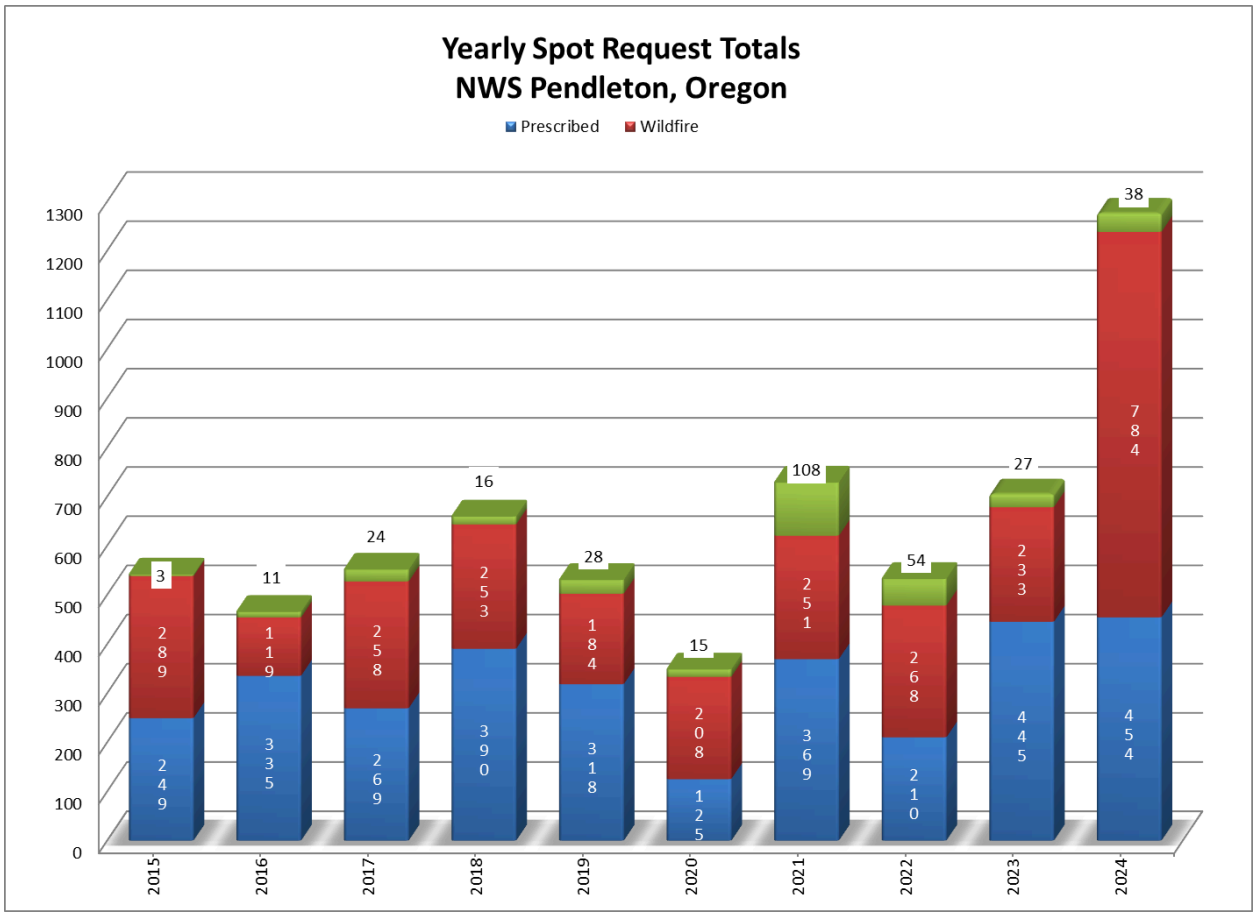
NATIONAL FIRE DANGER RATING SYSTEM (NFDRS) VERIFICATION

National Weather Service Offices provide input into the National Fire Danger Rating System with a seven-day forecast covering a variety of weather related elements. Forecast comparisons against actual observations taken the following day at 1300 PST (1400 PDT) determine the amount of error with 1 point counted for each degree. The wind verification also uses 1 point for each mph difference.

Temperature and Relative Humidity show very good improvement over persistence. Wind forecasts for 2024 varied from individual forecast zones with good improvement over the (fire zones WA690, 692 and OR642, 644, 645). Other zones showed slight improvement over persistence or fell below persistence.



SPOT FORECASTS



In 2024, NWS Pendleton issued a total of 1267 spot forecasts–454 for prescribed burns, 784 for wildfires, and 38 for miscellaneous.

type	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Rx	15	30	23	55	103	34	3	2	38	87	38	26
WF	0	0	1	8	19	57	199	188	190	122	0	0
SAR	1	0	0	0	0	0	0	0	0	1	0	0
HAZ	0	0	0	0	1	1	0	0	0	0	0	0
OTH	4	0	0	4	2	4	3	1	4	12	0	1
total	20	20	24	67	125	96	205	191	232	222	38	27

AIR QUALITY ALERTS AND ADVISORIES

Per collaboration with the Department of Environmental Quality (DEQ) in Oregon and the Department of Ecology and other county Clean Air Authorities in Washington, NWS Pendleton will issue Air Quality Alerts/Advisories due to wildfire smoke.

July 8-9	Umatilla
July 12-15	Sherman, Wasco
July 15-17	Grant, Morrow, Umatilla
July 19-22	Grant, Morrow
July 20	Umatilla
July 22-24	Union
July 22-26	Crook, Morrow, Umatilla
July 22-29	Wheeler
July 22-August 7	Grant
July 24-August 5	Deschutes
July 25-29	Benton
July 26-29	Columbia, Klickitat, Walla Walla
July 29-31	Jefferson
August 5-7	Wheeler
August 7	Umatilla
August 7-19	Deschutes
August 9-12	Grant
September 4-11	Crook
September 4-13	Deschutes, Grant
September 11-13	Wheeler

October 2-4	Deschutes
October 8-15	Deschutes
October 11-15	Grant, Wheeler

IMET DISPATCHES

The following table shows the large fires that required IMTs and IMETs in NWS Pendleton's forecast area. Thirty four certified IMETs and IMET trainees served in the area. This has been the most IMETs served since 2015 (15 IMETs). In a ten-year average, approximately seven IMETs are dispatched to the forecast area.

Bold=Certified

Dates	Name of Fire	IMETs served
July 12-18, 2024	Larch Creek	**Mary Wister**
July 13-28, 2024 July 27- Aug 12, 2024 Aug 10-25, 2024	Falls Fire	**Rebecca Muessle** **Matt Mehle** William Ahue (Trainee) July 31-Aug 15 **Jonathon Chriest**
July 19- Aug 01, 2024	Cougar Creek	**Mark Loeffelbein** Jacob Zanker (Trainee) July 19-29, 2024
July 17-Aug 01, 2024	Lone Rock	**Steven Van Horn**
July 19-Aug 02, 2024 July 24-Aug 08, 2024 Aug 13-21, 2024	Battle Mountain	**Mary Wister** **Derek Williams** **Terry Lebo**
July 26-Aug 03 Aug 01-18, 2024	Retreat	**Katrina Hand** **Jack Messick**
July 27-Aug 07, 2024 Aug 05-22, 2024	Crazy Creek	**David Shallenberger** Justin Lane (Trainee) Aug 02-12, 2024 Brian Nieuwenhuis (Trainee) Aug 13-19, 2024 **Steve Fano**
July 25-Aug 09, 2024 Aug 15-29, 2024	Red Fire	**Bruno Rodriguez** **Scott Kennedy**
July 30-Aug 12, 2024	Lone Rock	**Terry Lebo**

Sept 03-16, 2024	Shoe Fly	**Trent Smith**
Sept 10-18, 2024 Sept 19-27, 2024 Sept 26-Oct 06, 2024	Bachelor Complex	**David Shallenberger** **Katrina Hand** **Chris Foltz**
Sept 09-19, 2024	Wiley Flat	**Bob Nester**
Sept 09-21, 2024 Sept 19-Oct 4 Oct 02-16 Oct 16-20	Rail Ridge	**William Ahue** **Julie Malingowski** **Michael Kistner** **Terry Lebo** **Stephen Bodnar**
Sept 07-21, 2024	Fossil Complex	**Mary Wister**
Sept 15-22, 2024	Swauk Creek	**Stephen Bodnar**
Oct 05-14, 2024	Tiger Creek	**Terry Lebo**

TRAINING AND OUTREACH

January 29	S-390	Bend, OR	Wister
March 4	Meeting with Central Region Dep't of Ecology for air quality collaboration	Yakima, WA	Wister, Wolf (OTX)
March 7	AOP meeting with neighboring offices	Virtual	Bennese, Wister
March 11-15	IMET CEE Workshop	Boise	Bennese
March 21	Seasonal outlook with ODF	virtual	Wister
April	CEE workshop training material	NWS Pendleton	Wister, Callihan (unable to attend virtual but completed material)
April 1	Fire Weather Seminar	NWS Pendleton	staff
April 8	North End Cooperators Meeting	Dayton, WA	Bennese, Callihan
April 10	Fire Refresher Course La Grande Hotshots	La Grande	Callihan
April 15	Virtual IMET workshop	Spokane	Bennese
April 18	Deschutes Bi-Annual Preparedness Meeting	Virtual	Wister
April 23	Union Hot Shots	La Grande	Wister

	Critical Training		
April 29	RT-130	Pendleton	Callihan
May 2	Malheur Rappel Crew Fire Refresher	John Day	Wister, Bennese
May 7	Quarterly meeting with WRH Fire Weather PM	virtual	Wister
May 9	Grande Ronde Rappel Crew Fire Refresher	La Grande	Wister
May 22	RT-130	Ukiah	Wister
May 30	DEQ wildfire preseason call	virtual	Wister, Branham
June 3	NW Dispatch Academy fire weather presentation	Redmond	Wister
June 11-12	S-290	John Day	Wister
June 18	WA State wildfire preseason call	virtual	Branham
June 27	ODF Fire Season Outlook	Emigrant Springs	Wister
August 28	Air Quality Commission Meeting	Pendleton	Wister
October 7-November 12	Weekly briefings with USFS-Okanogan Wenatchee	virtual	NWS Pendleton and NWS Spokane