

Northwest Annual Fire Report 2019



Northwest Interagency
Coordination Center
Portland, OR

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SUMMARY INFORMATION

NWCC Mission

The Northwest Interagency Coordination Center (NWCC) is the Geographic Area Coordination Center (GACC) for the Northwest Region which includes the states of Oregon and Washington. NWCC serves as the focal point for interagency resource coordination, logistics support, aviation support and predictive services for all state and federal agencies involved in wildland fire management and suppression in the geographic area.

NWCC Annual Fire Report General Information

The Northwest Interagency Coordination Center (NWCC) is responsible for compiling fire reports for all *large* wildland fires in Oregon and Washington on lands administered by the following five federal agencies; BLM, BIA, USFS, FWS, NPS, and two state agencies; ODF and DNR (for acronyms, see Appendix, *NW Federal & State Agency Identifiers*). A *large* fire is defined as greater than 100 acres in forest fuel types, and greater than 300 acres in shrub and grass fuel types. Annual figures of total fire starts, regardless of size, and acres burned for individual units are also included.

Statistics used in this report were gathered from the Fire and Aviation Management Web Applications (FAMWEB) system (which includes the Situation Report and Incident Status Summary (ICS-209) programs) and from the Resource Ordering & Status System (ROSS). The statistics presented here are intended to provide a geographic area perspective of annual fire activity and may not reflect official figures for a specific agency.

This document is available electronically at the NWCC web page: gacc.nifc.gov/nwcc/ under the Intelligence link. Previous year annual reports can be found under the [NWCC Publications](#) link.



Disclaimer: The figures in this report provide general reporting information and overall accuracy cannot be guaranteed. Any determinations, policy, or subsequent reports using this information should be done under consultation with appropriate experts. For agency-specific details or official agency figures, contact the respective agency.

Compiled by:
Northwest Interagency
Coordination Center
Portland, OR
Predictive Services Unit
Intelligence Section

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NWCC ACCOMPLISHMENTS

A Review of 2019

Overview

The Northwest Geographic Area experienced a relatively quiet year through 2019, evoking the memory of “normal” fire seasons from decades ago. Though the number of wildfires remained fairly consistent with recent history, the 3,690 ignitions yielded just under 250,000 affected acres, less than a quarter of those affected in 2018 and only a third of the ten-year average. Limited fire activity and abundant firefighting resources ensured NW capability throughout the summer months: only seven days were spent at Preparedness Level (PL) 3. The remainder of the year was spent at Preparedness Level 2 or less.

In all, NW Incident Management Teams (IMTs) mobilized seven times in the NW for 81 days:

- Four Type 2 Interagency IMTs mobilized for 50 days;
- Two Type 1 ODF IMTs mobilized for 22 days; and
- One OSFM IMT mobilized for 9 days.

IMTs were also assigned out-of-area:

- One Type 1 IMT mobilized for 17 days;
- Four Type 2 IMTs mobilized for 71 days.

Portland NIMO mobilized out-of-area for 35 days and two out-of-area NIMOs deployed into the NW for 23 days.

Speaking with IMT members and dispatch staff, many felt that 2019 was a well-deserved break.

NWCC Staff & Organization

Change continues at NWCC:

- Travis Hartsburg, NWCC Operations Coordinator, accepted a new position as the Rocky Mountain Geographic Area Coordinator. He shouldered his new responsibilities in January 2020.
- Brandon Poe, NWCC Logistics Coordinator, accepted a position as Assistant Center Manager at Columbia Cascade Communication Center in Vancouver, WA. He began his new duties in the Spring of 2019.
- Gary Atteberry joined the NWCC staff in February 2019 as an Aviation & Airspace Specialist. Gary provides support to the Aviation Desk and is the principal Aviation Specialist for the MAC Support Staff
- Sherri Pugh has joined the NWCC staff as an FWS volunteer working in Predictive Services. Sherri brings a degree in Meteorology and extensive experience in media to our organization.

Organization: Administration

NWCC Center Manager

Though fire activity was a bit less than average, many other pressing activities kept 2019 busy for the NWCC Center Manager:

- As chair of the National Predictive Services Oversight Group, laid the foundation for changing program emphases, developing specific program goals and setting up a program of work that will structure efforts in 2020.
- Actively engaged with the Incident Workforce Development Group (IWDG), coordinating among stakeholder groups, developing specific action items that will promote sustainable incident management teams into the futures.
- Continued as Chair of the National Coordination Center Managers, facilitating dialogue among the group establishing best business practices and maintaining general awareness.
- Continue to actively support the Coordinating Group Advisory Council (CGAC) in support of national tasks and policy efforts.
- Began detailed development of an NWCC/NWMAC Continuing Operations Plan (COOP) that provides continuing leadership for the NW in the event of a disabling catastrophic event.
- Provided instruction at the NW M-581 course in MAC Operations.
- Supported Alaska for use of the Distributed Real-Time Infrared (DRTI) aircraft in providing Geographic Area detection services.
- Represented the National Coordination System as the National Wildfire Suppression Association conference in Reno, NV, as part of a panel providing insights on mobilization and management of firefighting resources.
- Sponsored individuals from the “Transformational Leadership Program”, providing insights into leadership and management for developing employees from the FS and BLM.

Public Information and Communication

A total of 285 media requests, including 22 in person media interviews and over 150 public information calls, were completed through the 2019 fire season by the NWCC Public Information Desk. These were responding to local, regional, national and international media-related requests, as well as calls from private citizens concerned about fire activity, evacuations, smoke, resource availability, hunters, campers, fire camps, contractors and other general questions.

- The NWCC Fire Blog remains the centerpiece of our social media strategy. The blog exceeded 190,000 page views during the 2019 fire season. Blog information was also available on NWCC Twitter and Facebook pages.
- The NWCC Twitter account, which complemented the NWCC Facebook webpage and Blog, saw an increase of new followers.
- Analysis shows use of the main NWCC website decreased by 1 million page views and had over 250,000 first time visitors.

Chart 1: NWCC Web Total Page Views (Jun - Sep)

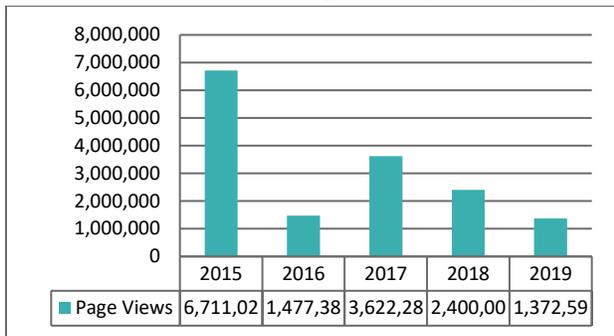
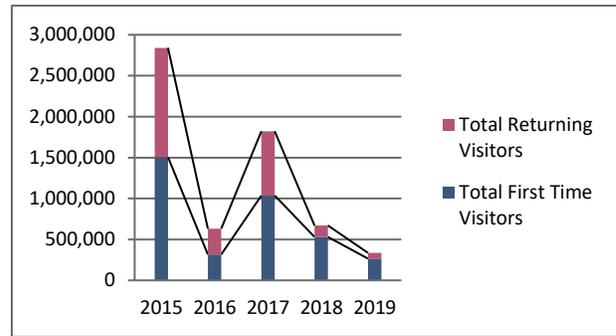


Chart 2: NWCC Web Number of Visitors (Jun - Sep)



Geographic Information Systems (GIS)

The GIS section provided data management, printed and electronic map products, current situation analysis and general support for briefings with live mapping and information display. Year-round critical mapping, data analysis, as well as subject matter expertise and guidance on standards and evolving GIS governance and practice were also provided. Specific 2019 accomplishments include:

- Supervisory detailers, Bryant Mecklem and Kim Gray, served through the summer to provide daily oversight of GIS operations.
- Responsible for all DRTI (Directional Real-Time Infrared) flight coordination and subsequent interpretation and analysis for the NW.
- Responded to critical data and analysis requests from IMTs, non-federal agencies, and regional fire leadership.
- Continued update and improvement of the NWCC COP (Common Operating Picture) for Google Earth.
- Hosted 2 GIS detailers
- Compiled and maintained daily perimeters for approximately 55 individual fires/1 complex totaling more than 200,000 acres burned across Oregon and Washington.

Organization: Predictive Services

Predictive Services continued to provide decision support services to fire leadership. Predictive Services served as a focal point for intelligence and situation reporting producing regional fire potential outlooks, compiling and reporting fire occurrence and resource status information and providing implications of fire analysis to fire leadership and the field.

The NWCC Predictive Services Unit was engaged with large incident management teams in Washington and Oregon. Services were provided to a variety of partners, customers and stakeholders throughout an average fire season, including:

- Staff participated in IMT and dispatch workshops.
- Provided daily fire situation and fire potential briefings, analysis and reports.

- Integrated with NW MAC Support to assist with incident prioritization, developing strategic intent and transferring intelligence. Although MAC support was brief, the full range of decisions and briefings was conducted to provide exposure and training while active.
- Continued discussion with NW MAC leader, MAC staff, Predictive Services meteorologists, incident IMETS and FBANS to understand future meteorological and fire behavior implications.
- Relocated the NWCC “Situation Page” from the web to FIRENET in order to provide additional decision support products, key briefings and situational awareness to internal Managers and Coordinating groups.
- Attended fire problem scenario, “Could this be the next Paradise?” sponsored by the COFMS working group to evaluate risk assessment and management needs of wildfire near Bend.

Fire Analysis

- Hosted 8 detailers to assist with Fire Analyst duties June through September.
- Conducted fuels status conference calls to provide regional and local perspectives on fuel conditions in the Geographic Area.
- Acted as Geographic Area Lead for the National Fuel Moisture Database.
- Served as lead coordinator for the new NFDRS 2016 rollout at the Regional level.
- Coordinated a fall NFDRS 2016 workshop with national and geographic cadre that was held in Portland, OR.
- Led effort to develop new NFDRS 2016 databases for Predictive Service Areas (PSA) fire occurrence evaluation.
- Monitored fuels and fire occurrence levels to evaluate support needs for severity requests.
- Validated status of fuels and needs for fuels and fire behavior advisories in the geographic area.
- RAWs (Remote Automated Weather Station) geographic area coordinator for the USFS, BLM and NPS. Coordinated with other agencies and National RAWs coordinators.
- Worked with local units with RAWs quality control issues observed in WIMS to ensure PSA indices were accurate. All key PSA RAWs stations were compliant for the fire season.
- Coordinated with local units and the National Weather Service to find and fix problem weather observations.
- Coordinated with meteorologists to evaluate rare events with potential for prescribed fire escapes or wind events likely to cause large fire problems.
- Mobilized to support wildland fire incidents in Alaska and Australia.

Intelligence

- Hosted 5 detailers in the Intelligence Section
 - 1 was from out of the GACC
 - 1 was new to the intel support role
 - 3 filled multiple assignments throughout the summer
- Continued to refine the intelligence section products, including the addition of *Type 2 & 2IA resource status*.
- Continued to provide guidance, support and troubleshooting for the following:
 - ICS-209 reporting

- Sit Reporting: Coordination among 30 tier-3 & 4 dispatch offices for daily and year-to-date reporting of area fire statistics
- Cognos Query Studio ROSS reports
- Cadre for the Intelligence Support course
- Processed over 30 fire statistical requests from multiple agencies and stakeholders.

Meteorology

Fire season 2019 proved not as busy as in previous years. Nevertheless, the meteorology section of Predictive Services continues to improve and expand its data analysis and processing routines with the intention of streamlining and simplifying operations.

With the help of BLM programmers from SORO and meteorologist Eric Wise, daily weather and fire danger data analysis and processing was ported to the Python programming language in 2019. This will simplify daily calculations and archival of information. Further improvements are planned.

The meteorology section was augmented by the assistance of part-time meteorologist Sherri Pugh, who helped with quality control, data analysis, and daily briefings. Sherri is serving as a part-time volunteer with the US Fish and Wildlife Service.

Specific and General Accomplishments

- Hosted detailer Steve Marien (NPS) in the meteorology section in late July and early August.
- Participated in delivery of a weeklong workshop on NFDRS 2016 in November.
- Conducted routine daily coordination calls with National Weather Service (NWS) offices and Incident Meteorologists; participated in coordination calls with NICC and the other GACCs.
- Published daily and monthly Significant Fire Potential Outlooks and Fire Activity Forecasts.
- Calculated quality control statistics and provided them to supporting data supply sources.
- Contributed to the publication of NW Mobilization Guide.
- Participated in the December annual Predictive Services conference that focused on the next generation of the 7-Day Significant Fire Potential forecast based on gridded NFDRS and weather data.

Organization: Operations

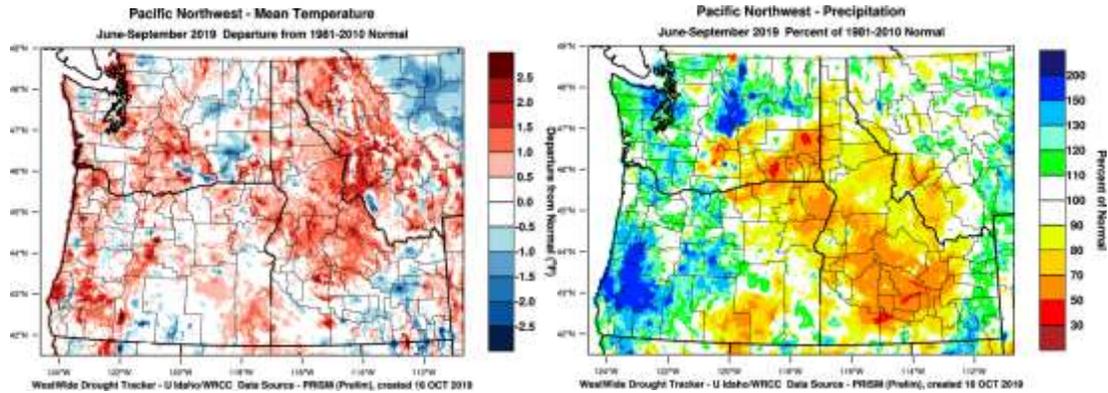
The NWCC Operations Section continues to ensure coordination of safe and efficient resource mobilization and provides incident support. More than 30,000 resource orders were processed through NWCC during the 2019 fire season; mobilizing overhead, crews, equipment and aircraft on fires and all-hazard incidents in the Northwest, Nationally and Internationally. NWCC Operations recruited the assistance of 31 individuals to assist with ongoing incidents and carry out Incident and NW MAC support efforts. The Operations staff continues to maintain constant and unwavering support to all dispatch centers and incidents within the Northwest. 2019 accomplishments for NWCC Operations are provided below:

- Staffed and operated the GACC resource desks in support of incident operations through the fire season.
- The Emergency Operations Manager acts as associate member of the PNWCG Operations Committee. This individual also serves as a member of the NW Center Managers Advisory Council, Operations Committee and subject matter expertise for Incident Commander, Smokejumper, Hotshot, Rapeller and Engine Captain groups.
- Maintained support efforts to the Northwest with oversight of the RAC Mob organization.
- Dispatched SORO personnel to incident assignments.
- Prepared and directed publication of the NW Interagency Mobilization Guide.
- Maintained roster and coordinated mobilizations of Portland NIMO.
- Maintained rosters and coordinated multiple mobilizations of the Northwest's Type 1 & 2 IMTs.
- Provided support to Critical Incident Stress Management (CISM) mobilization and operations.
- Assisted in the mobilization of Agency Administrators in order to support areas with high fire activity.
- Provided planning and logistical support to the NW Dispatch Workshop.
- Provided instruction for dispatch related courses.
- Participated/presented subject matter at NW IMT conference.
- Maintained consistent communications with agency Duty Officers.
- Coordinated administrative flights for regional and national leaders.
- Provided logistical support for 95 detailers in the Coordination Center.

FIRE SEASON OVERVIEW

Fire Season Climate Summary

Despite cool periods in fire season 2019, temperatures in much of the geographic area average were above normal for the four-month period June through September. Precipitation was at or above average for the Cascades westward and sections of central Washington.



Seasonal Fire Danger Summary

Thousand hour dead fuel moisture varied above and below average throughout fire season 2019. However, it hovered near average and never reached extreme moist or dry values until mid-September when heavy rain ended fire season (see Chart 3 below). Energy Release Component (NFDRS 88 fuel model G) varied as well but, like 1000hr dead fuel moisture, never reached extreme values (see Chart 4 below). Consequently, the variations in fire danger associated with large scale weather changes weren't as pronounced as seen during large fire outbreaks in previous fire seasons. ERC hovered near average for the majority of fire season and only fell significantly in September after heavy rain set into the region.

Chart 3: 2019 Northwest 1000hr Fuel Moisture Trend

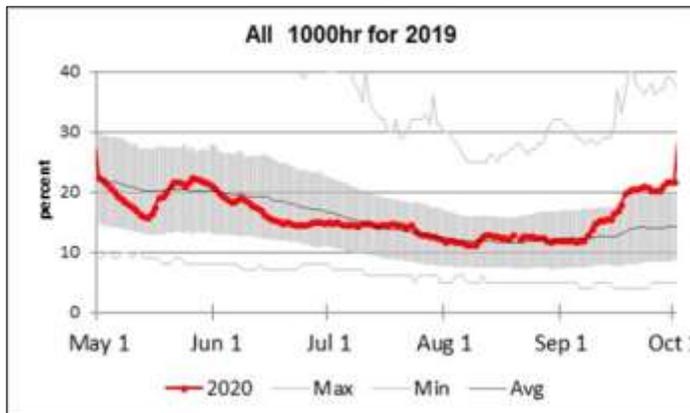
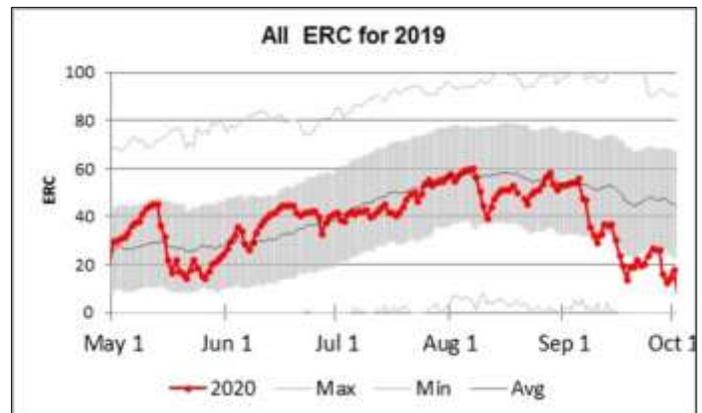


Chart 4: 2019 Northwest ERC Trend

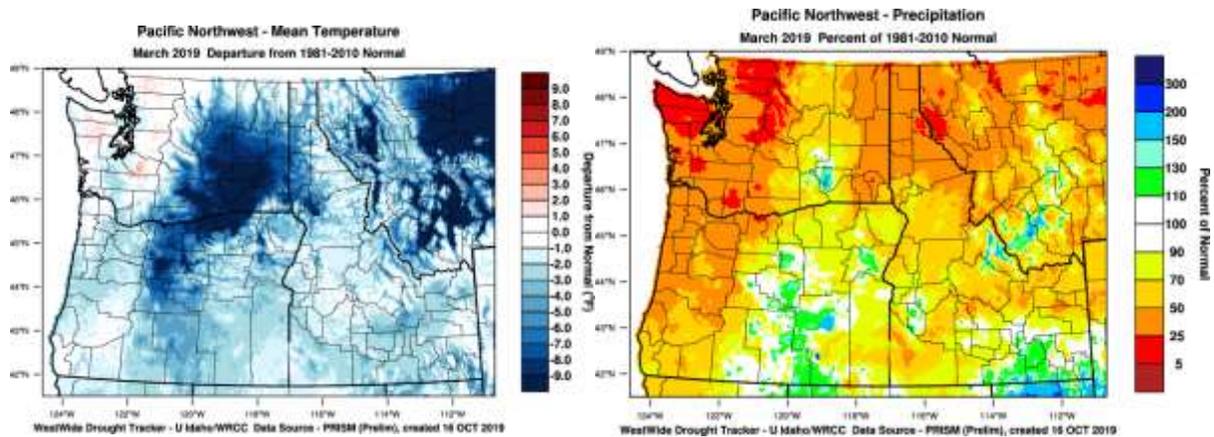


Fire Season Monthly Review

March

Weather Trends

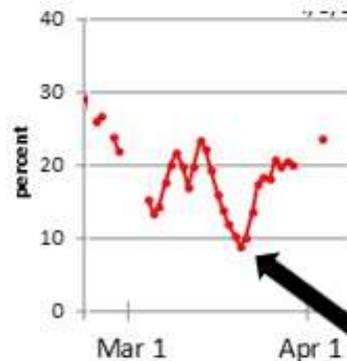
While March is outside of our normal fire season, March 2019 merits special mention as it proved to be unusually dry for much of the northwest geographic area, especially west of the Cascades. Dead fuel moisture fell markedly in mid-March with the onset of dry easterly winds. The drying trend culminated on March 19th when warm, gusty easterly surfaced west of the Cascades resulting in over two dozen escaped burns in southwest Washington and northwest Oregon. March 19th also proved to be the warmest on record in Salem, OR. Overall, the temperatures across the region were at or below average.



March Fire Danger Trends

NFDRS one hundred hour dead fuel moisture fell down to record low values in almost all the Predictive Service Areas through the middle of the month. Rainfall returning around March 20th boosted fuel moisture upward for most of the remainder of the month.

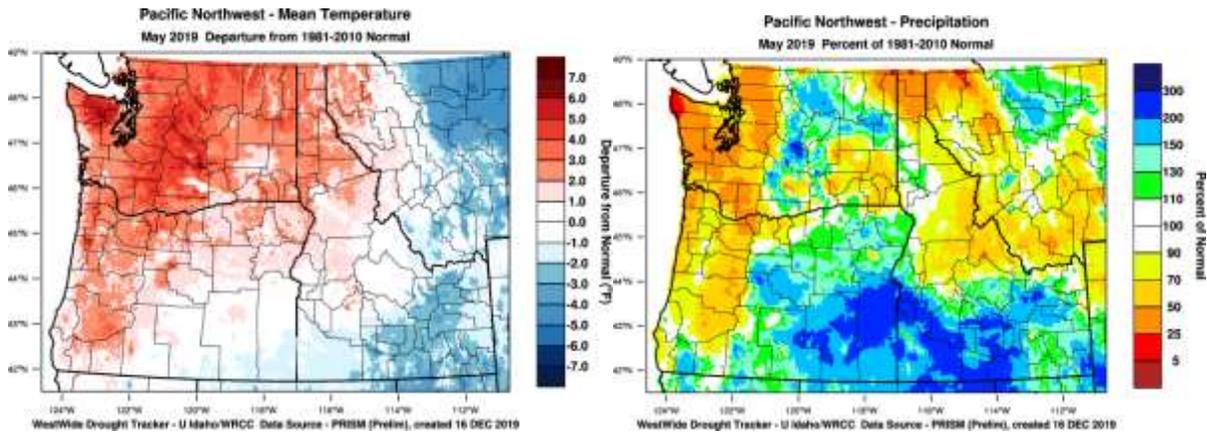
PSA NW02 100hr dead fuel moisture



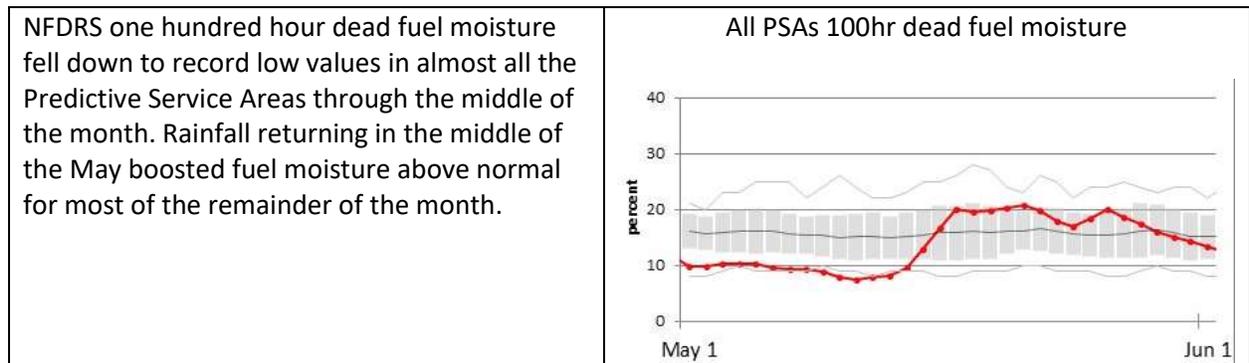
May

Weather Trends

Late April and the first half of May proved to be unusually warm and dry for western Washington and northwest Oregon. RAWs show unusually low humidity for much of the first half of the month. Some rain set in around the middle of the month but overall much of western Washington and northwest Oregon was unusually dry for the month as whole. Temperatures were at or above normal for the month across much of the region.



May Fire Danger Trends



May Fire Activity

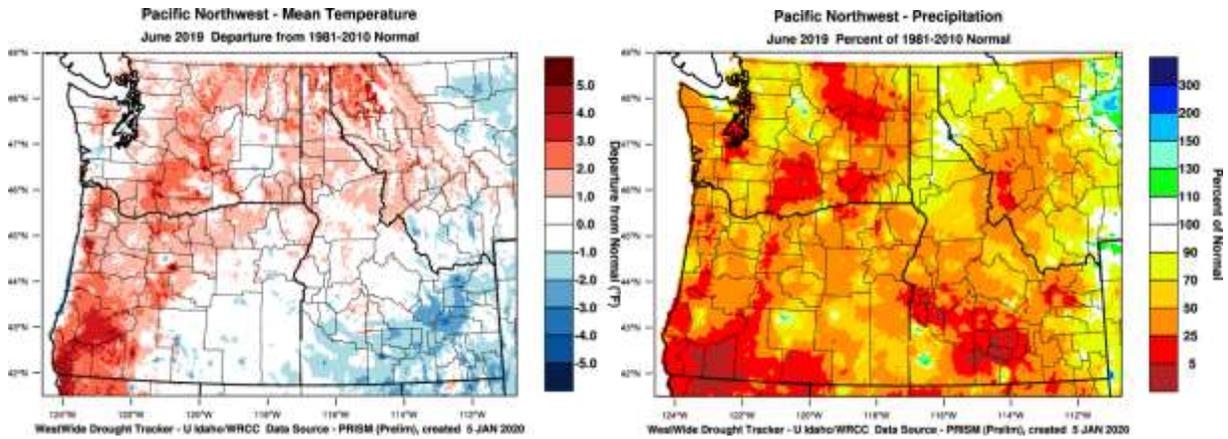
Two large fires occurred during the unusually warm, dry weather in early May: The 405 acre Bray Mill fire in southern Oregon (PSA NW07) on May 1st and the 345 acre Medco B fire in southwest Oregon (PSA NW04) on May 4th.

June

Weather Trends

June proved to be drier than typical for Oregon and Washington. Particularly dry spots were in southwestern Oregon (PSA NW04), sections of which recorded record low rain accumulation for the month. Much of eastern Washington (PSAs NW05, NW08, NW09 and NW10) also recorded quite low accumulation of rainfall.

Temperatures were above average for most of Washington and western Oregon, although much of eastern Oregon was near normal (PSAs NW07, NW11 and NW12).



June Fire Danger Trends

<p>NFDRS Energy Release Component (model G) rose rapidly, staying well above average for most of June. Only twice during brief cooling spells at the beginning and end of the month did ERC dip back to normal values during June. ERC touched record high values in PSAs NW04 and NW09 in the middle of the month. A cooling spell in late June dropped ERC back closer to normal for the region of the last few days of the month.</p>	<p>All PSAs ERC for June 2019</p>
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June Lightning

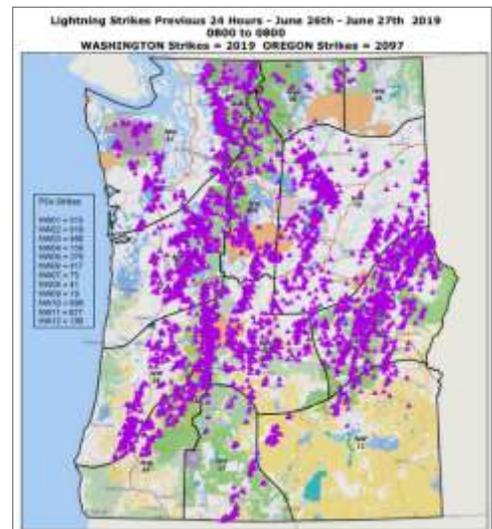
13,830 strikes were tabulated by NWCC Predictive Services in June 2019. This was a bit below the June average of 16,238 strikes.

The most daily strikes occurred on June 26th with 4,121 strikes.

June Fire Activity

Seven large fires were reported in June 2019, the largest of which was the June 3rd, the 243 Command fire in central Washington (PSA NW10) reached 23,380 acres, during a windy, dry period in the first week of the month. The 4,000 acre Alkalai Flat fire occurred on June 20th, the windiest day of the month in central Washington (PSA NW10). Additional large fires occurred in PSAs NW06, NW07, NW08 and NW12.

June 26th – 27th Lightning Strikes

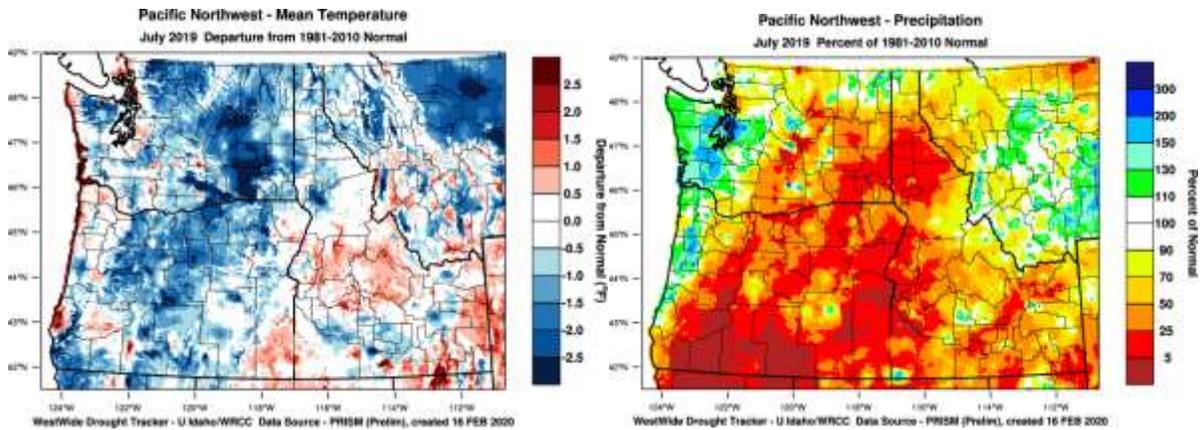


July

Weather Trends

A cooling trend enveloped Oregon and Washington in late June and persisted through July of 2019. A series of upper troughs or westerly jet stream flow from the Pacific continued to move across the region keeping temperatures consistently at or below average for the first three weeks of the month. Only extreme southeastern Oregon and sections of the Oregon coast remained warmer than usual along with some lower elevation locations in western Oregon and Washington. Temperatures rebounded closer to normal later in July as upper ridging built inland over the Rockies.

Precipitation for July was mixed. For western Washington, northeastern Washington and northwestern Oregon (PSAs NW01, NW02, NW09), rainfall was above average for the month due to the series of incoming Pacific weather systems. Elsewhere, rainfall was well below average despite the cooler temperatures that predominated through the month. Precipitation in PSA NW07 was among 10 lowest July totals on record.



July Fire Danger Trends

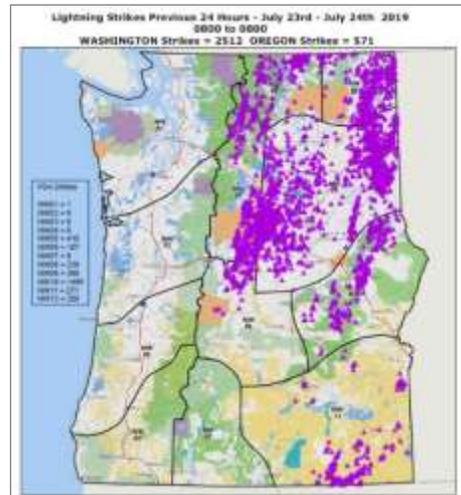
<p>NFDRS Energy Release Component (model G) rose through July as usual but it remained below average for most PSAs through the month on both sides of the Cascades. Only in PSAs NW11 and NW12 did ERC track near average values through July. The consistently cool conditions prevented major upward or downward spikes in fire danger which are often associated with significant fire outbreaks.</p>	<p>All PSAs ERC for July 2019</p>
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July Lightning

2019 continued the trend of below-average lightning activity of the past four Julys. 8,447 strikes were tabulated by NWCC Predictive Services for the month, well below the July average of 24,259 strikes.

The most daily strikes occurred on July 23rd with 3,053 strikes, mainly over eastern Washington and northeastern Oregon.

July 23rd-24th Lightning Strikes



July Fire Activity

Twentyone fires reached large fire status in July 2019 across the region.

Lightning ignited the 667 acre Blue Ridge fire on July 3rd in central Oregon (PSA NW06). More concentrated lightning on July 22, 23 and 24 resulted in seven of the large fires for the month, including the 3,406 acre Left Hand fire and the 953 acre Kusshi Creek fires in central Washington (PSA NW05).

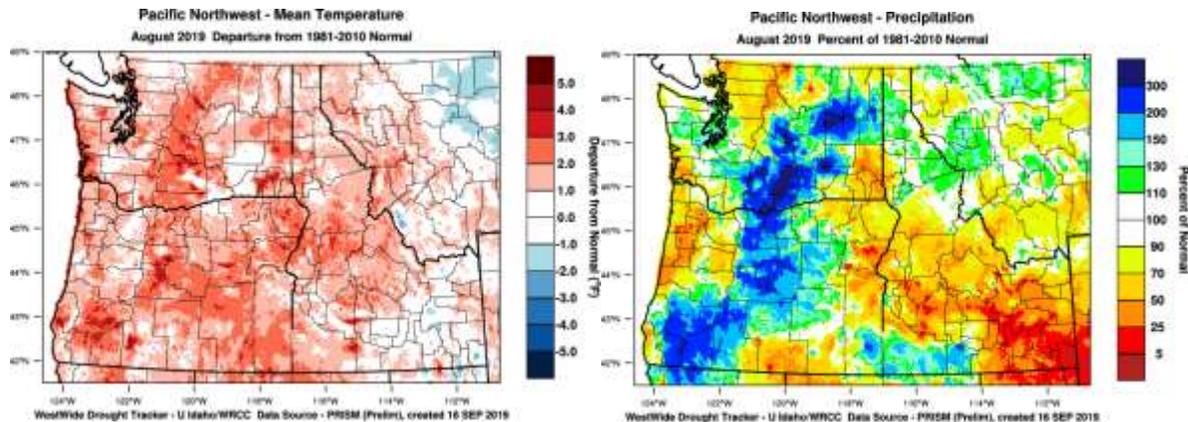
Additionally two non-lightning fires were the 41,920 acre Cold Creek fire in PSA NW10 on July 18th, a particularly dry and windy day in central Washington, and the 13,119 acre Milepost 97 fire in southwest Oregon (PSA NW04) on July 24th.

August

Weather Trends

Like July, temperatures across the Northwest Geographic Area lingered at or below average for much of August. However, a significant warm spell early in the month as well as another late in the month pushed the monthly average temperature slightly above normal for the PSAs across the region.

Precipitation through August was mixed. PSAs NW04, NW05, NW06 and NW10 received above average rainfall totals for August. This rainfall mainly accumulated from wet thunderstorms in moist, unstable flow aloft over the region. Other PSAs totals for the month were a mosaic of moist versus dry. The drier PSAs were much of NW01, NW02, NW03, NW07 and NW11.

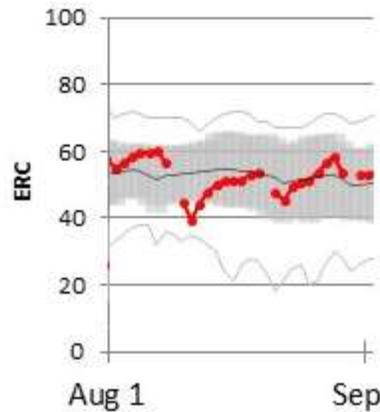


August Fire Danger Trends

NFDRS Energy Release Component (model G) rose to its seasonal peak during a warm spell in August around the 10th of the month. Fire danger then declined following the onset of wet thunderstorms that affected much of the region due to an upper low pressure trough that moved into the region from the Pacific.

ERC recovered back to normal then varied later in the month as additional cooling and warming trends moved across the region.

All PSAs ERC for August 2019



August Lightning

22,383 strikes were tabulated by NWCC Predictive Services in August, 7% above the average August strike count of 20,935.

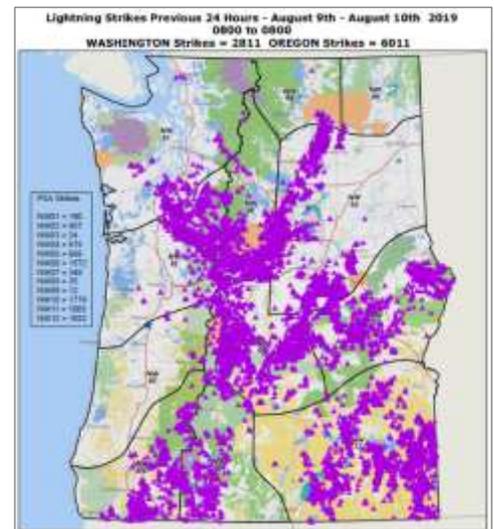
The biggest lightning day of August was the 9th with 8,815 strikes.

August Fire Activity

Eleven fires were large enough to report ICS-209 forms in August 2019 across the region.

The largest fire in August was the 44,446 acre Williams Flat which started on August 2nd in northeast Washington (PSA NW09). The Williams Flat fire showed some spectacular phases of growth during the next week before it was contained. Another large fire was the 8,796 acre 204 Cow fire which began on August 9th from lightning in northeast Oregon (PSA NW11).

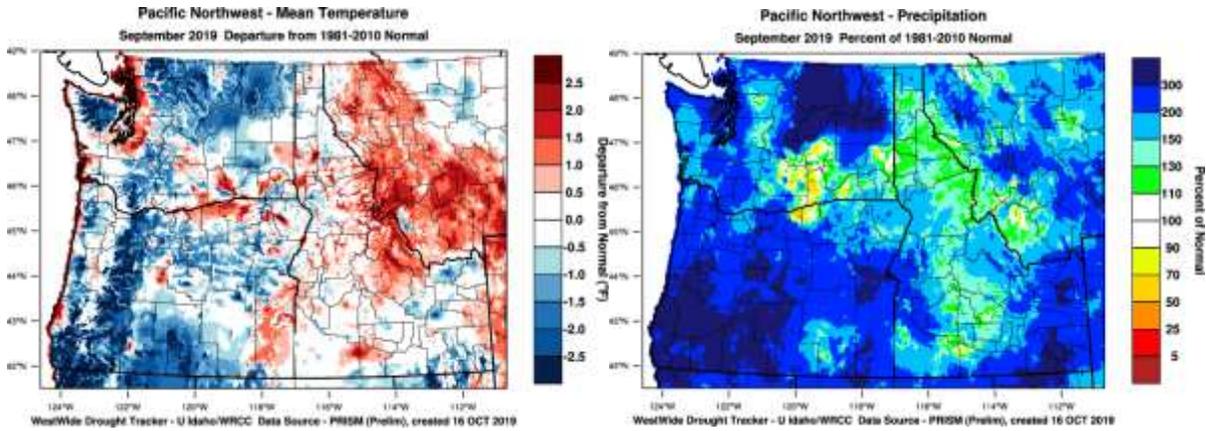
August 9th-10th Lightning Strikes



September

Weather Trends

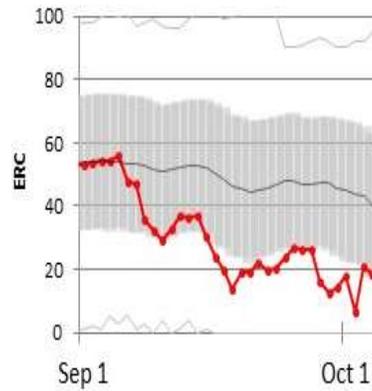
Weather near the first week of September tracked near normal for the geographic area. However, after about September 8th, an incoming Pacific weather system brought significant rain and cooling to the region. Subsequent weather systems only added to the cooling and moistening trend. Temperatures for the month ended well below normal for almost all of the geographic area. Rainfall was well above average for the month for almost all the month. About half the geographic area recorded a monthly precipitation total among the top ten Septembers on record.



September Fire Danger Trends

NFDRS Energy Release Component (model G) tracked near normal for the first week of September then plunged with the onset of significant rains and cool weather. Fire danger never recovered through the remainder of the month.

All PSAs ERC for September 2019

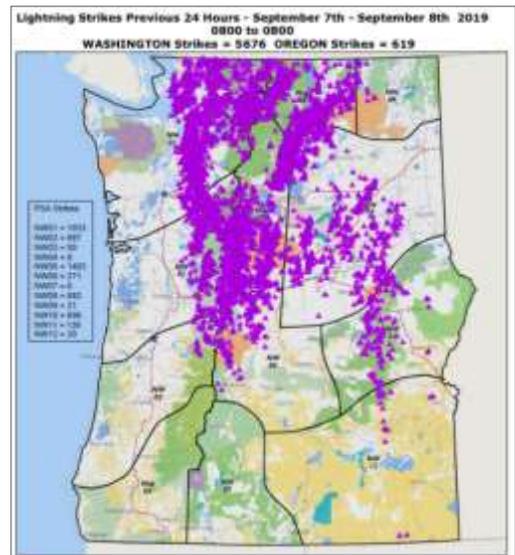


September Lightning

15,248 strikes were tabulated by NWCC Predictive Services in September, nearly double the normal total of 8617 strikes for September.

The biggest lightning day of September was the 7th with 6,263 strikes.

September 7th-8th Lightning Strikes



September Fire Activity

Lightning ignited three large fires in September 2019. The 354 acre Gopher fire in southcentral Oregon started on September 5th (PSA NW07). In southeast Oregon (PSA NW12), the 751 acre Diamond Valley fire started on September 8th and the Poker fire started on September 15th, reaching 23,400 acres.

NW Lightning Summary

The total number of lightning strikes recorded in the Northwest Geographic Area; June through September of 2019 was 59,908 strikes. This was 85% of the average of 70,051 strikes for the four-month period.

Chart 5: NW Lightning Total Strikes (by Year)

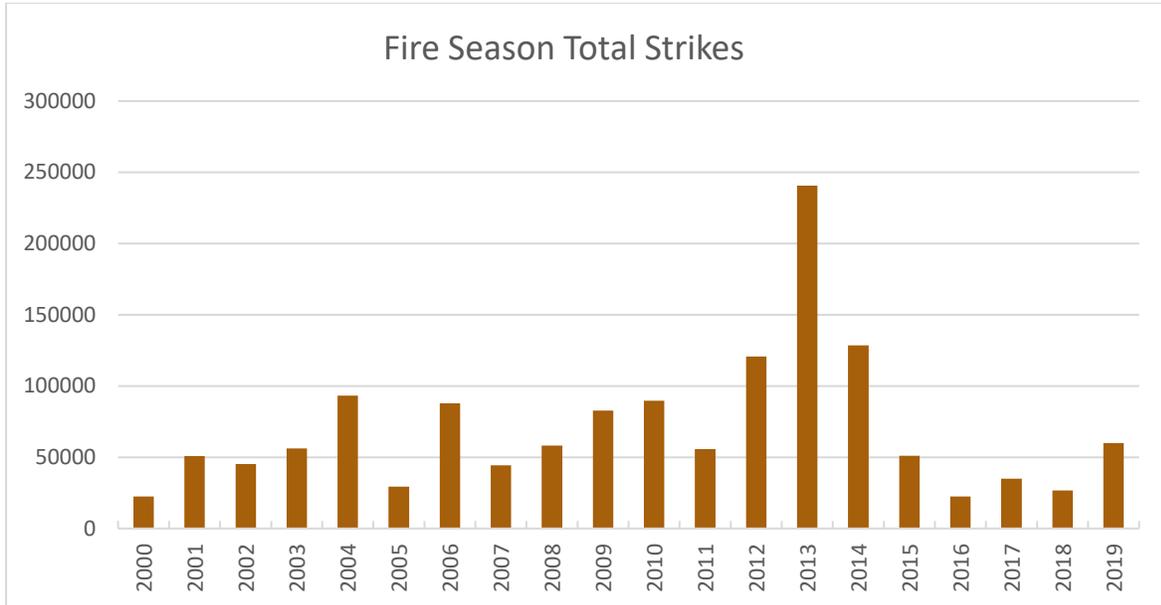
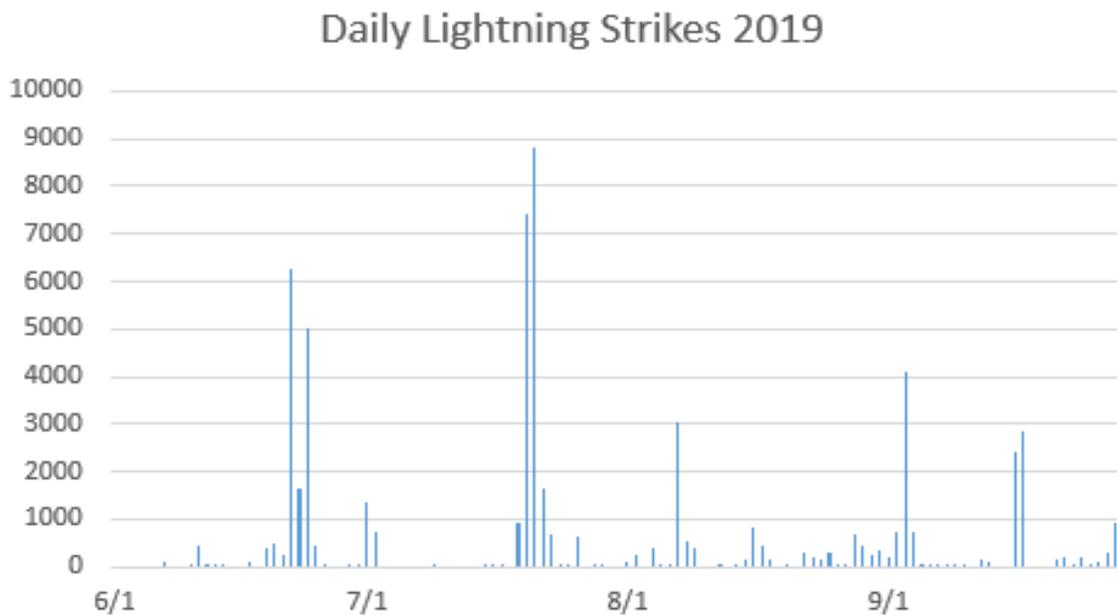


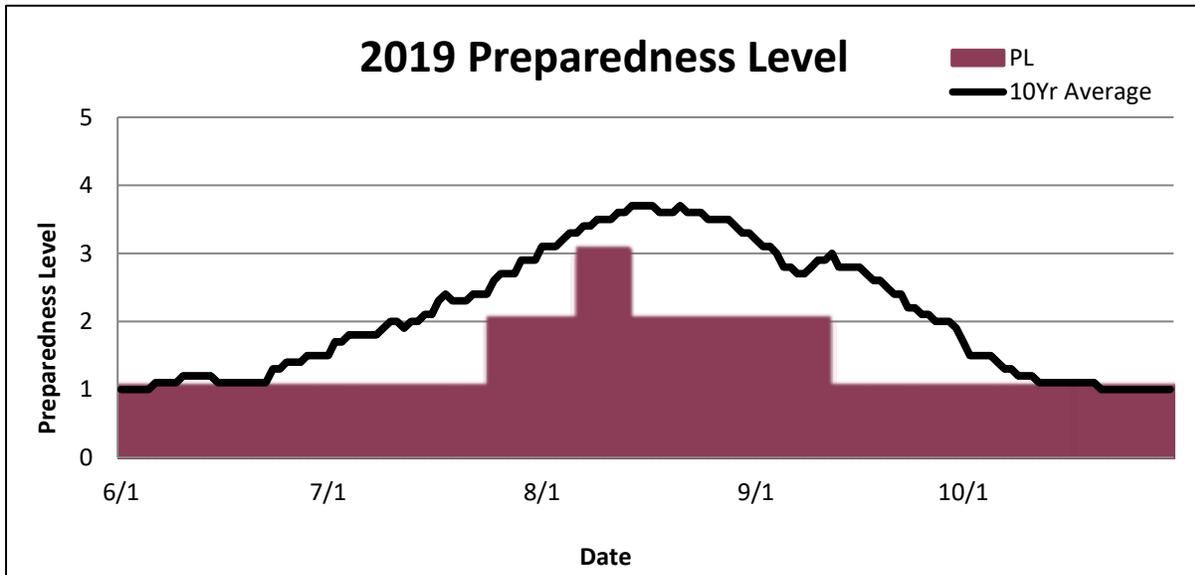
Chart 6: 2019 NW Daily Lightning Strikes (June 1 – September 30)



NW Preparedness Review

The Northwest remained at PL 1 for much of the season, with the first change to the Preparedness Level (PL) occurring on July 24th, from PL 1 to PL 2. With an increase in fire activity and resource commitment, increased to a PL 3 on August 7th. This lasted for only 7 days before decreasing to a PL 2 on August 14th then to PL 1 on September 1st, where it remained for the remainder of the season. Unlike previous two years the Preparedness Level was well below the historical changes in the Northwest, aligning closer to the PL trend in 2010.

Chart 7: 2019 Preparedness Level vs. 10-Year Average (June 1 – Oct. 31)



*HK Complex – August 8th
(OR-UMF)*

*Williams Flats Fire – August 9th
(WA-COA)*

FIRE STATISTICS & MAPS

Data in this section comes from the Interagency Situation Report (SIT Report), as reported by NW dispatch offices as of 12/31/2019. The information represented below display fire statistics based on the protecting agency, not land ownership. SIT reporting for the NW is confined within the Oregon and Washington state boundaries with small portions of neighboring states (ID, NV and CA) where GA boundaries deviate from state boundaries. In the NW, Sit Reporting captures state and federally protected wildlands (except DOD and DOE). County & Local (C&L) detailed reporting is limited for C&L fires, and generally captures only fires greater than 300 acres in size.

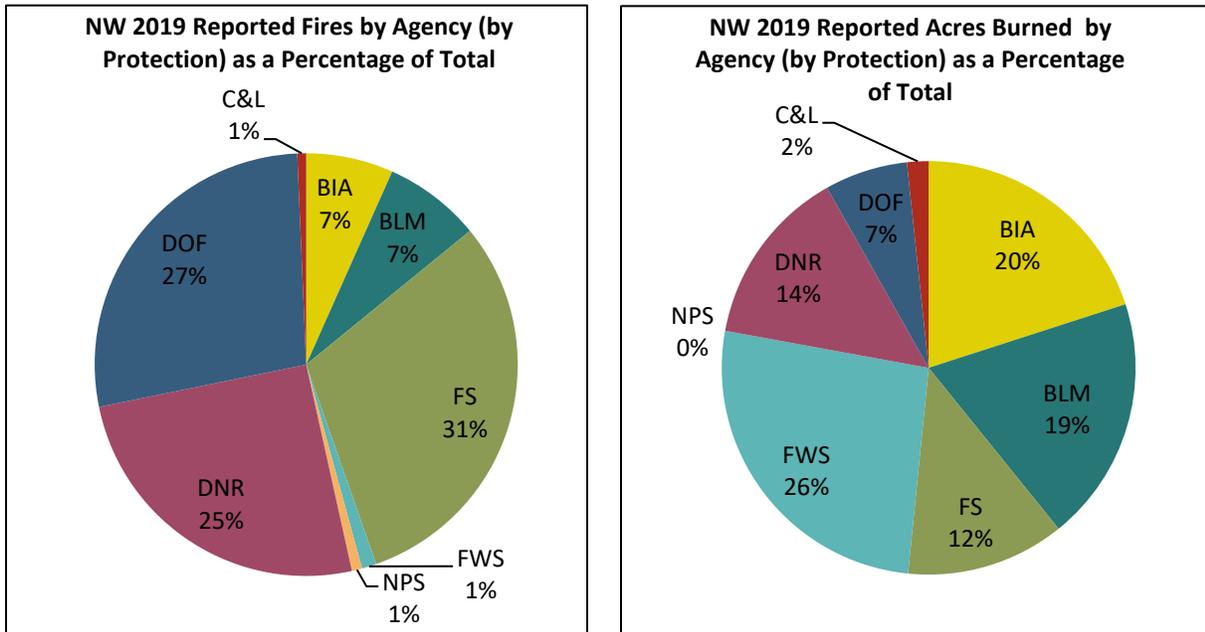
2019 NW Fires & Acres

The table below represents the 2019 fire summary by Agency and State. Similar to previous years, the total number of fire occurrences in the Northwest reached near the 10-Year average mark, whereas the total acres burned was well below, reaching to only 28% of the 10-Year average. For the full Year-end Situation Report by individual Units refer to *Appendix, NW Situation Report*.

Table 1: 2019 NW Fires & Acres by State & Agency (by Protecting Agency)

State	Agency	Human		Lightning		Total	
		Fires	Acres	Fires	Acres	Fires	Acres
Idaho	FS	0	0	2	3	2	3
Idaho Total		0	0	2	3	2	3
Oregon	BIA	40	235	7	6	47	241
	BLM	64	853	155	9,567	219	10,420
	C&L	18	4,156	7	41	25	4,197
	DOF	732	15,985	284	203	1,016	16,188
	FS	329	870	640	24,341	969	25,211
	FWS	4	72	3	23,401	7	23,473
	NPS	5	1	5	1	10	2
Oregon Total		1,192	22,172	1,101	57,560	2,293	79,732
Washington	BIA	132	3,647	67	46,055	199	49,702
	BLM	52	37,397	3	11	55	37,408
	DNR	773	34,533	159	286	932	34,819
	FS	70	490	86	5,233	156	5,723
	FWS	31	42,081	3	4	34	42,085
	NPS	10	1	9	3	19	4
Washington Total		1,068	118,149	327	51,592	1,395	169,742
Grand Total		2,260	140,321	1,430	109,155	3,690	249,476

Charts 8/9: NW 2019 Reported Fires & Acres by Agency as a Percentage of the Total



Current & Historical Fires & Acres (Oregon & Washington)

Chart 10: NW 2019 Reported Fires vs. 10-Year Average

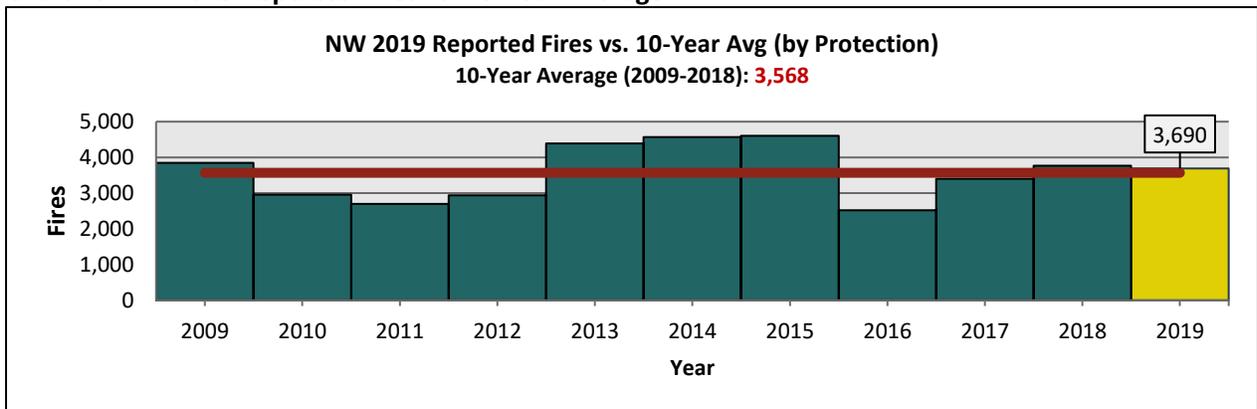


Chart 11: NW 2019 Reported Acres Burned vs. 10-Year Average

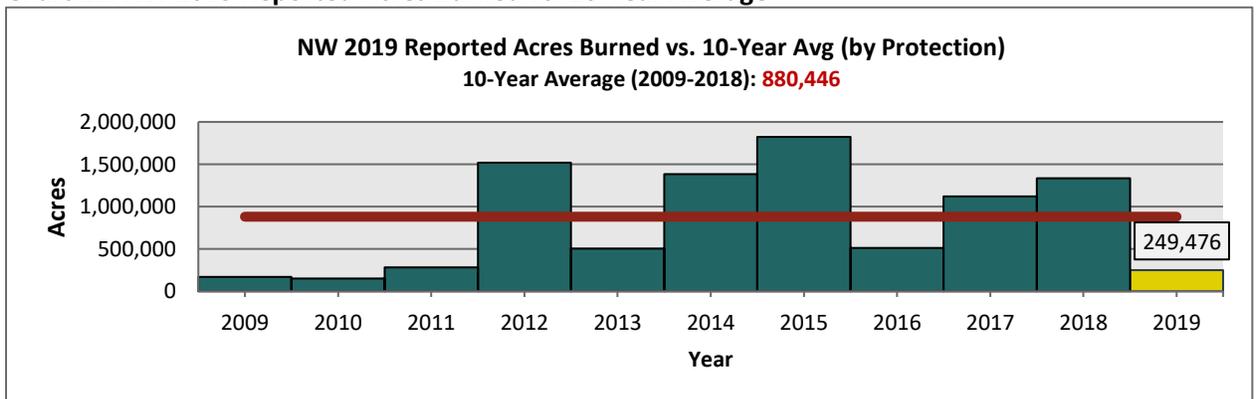


Chart 12: Oregon 2019 Reported Fires vs. 10-Year Average

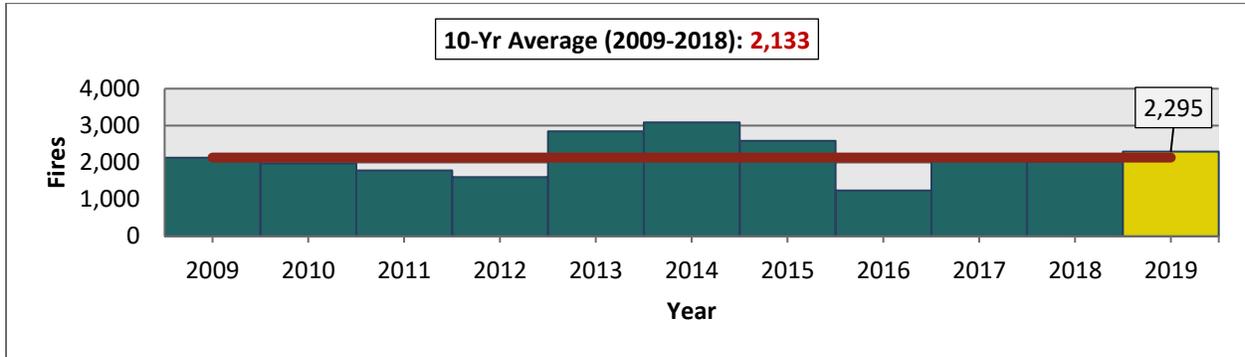


Chart 13: Oregon 2019 Reported Acres Burned vs. 10-year Average

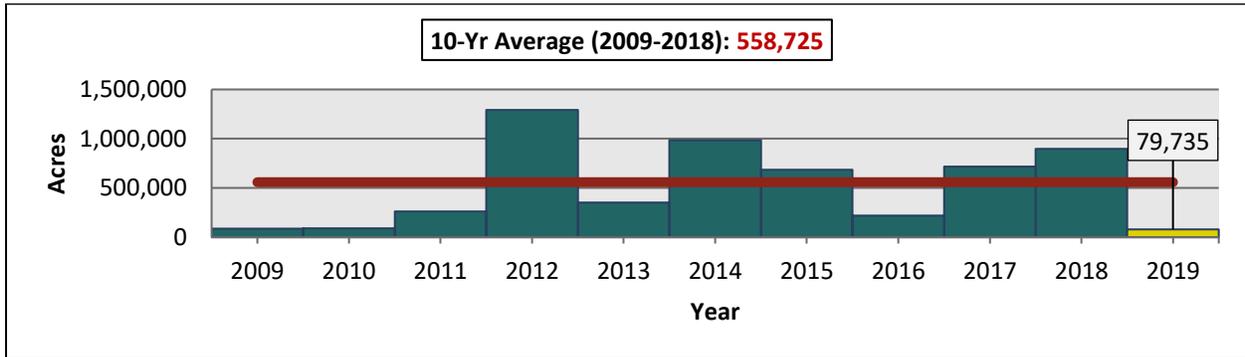


Chart 14: Washington 2019 Reported Fires vs. 10-Year Average

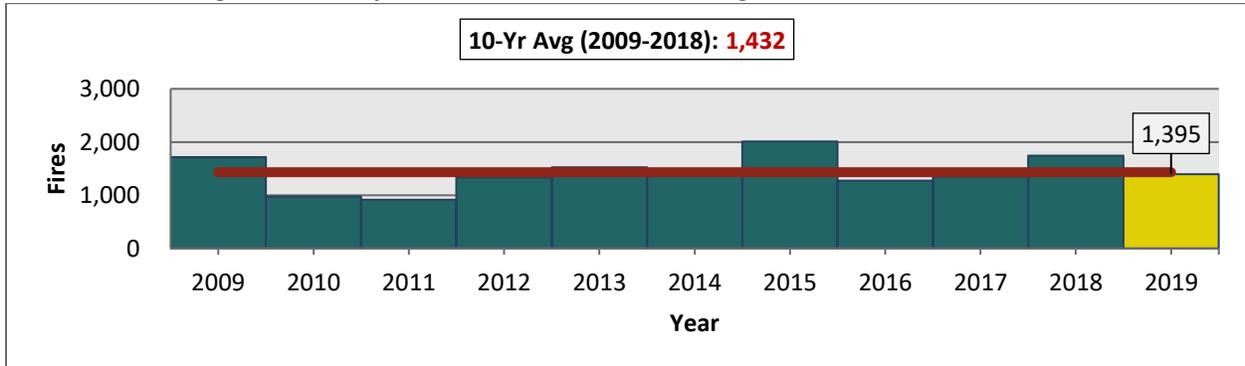
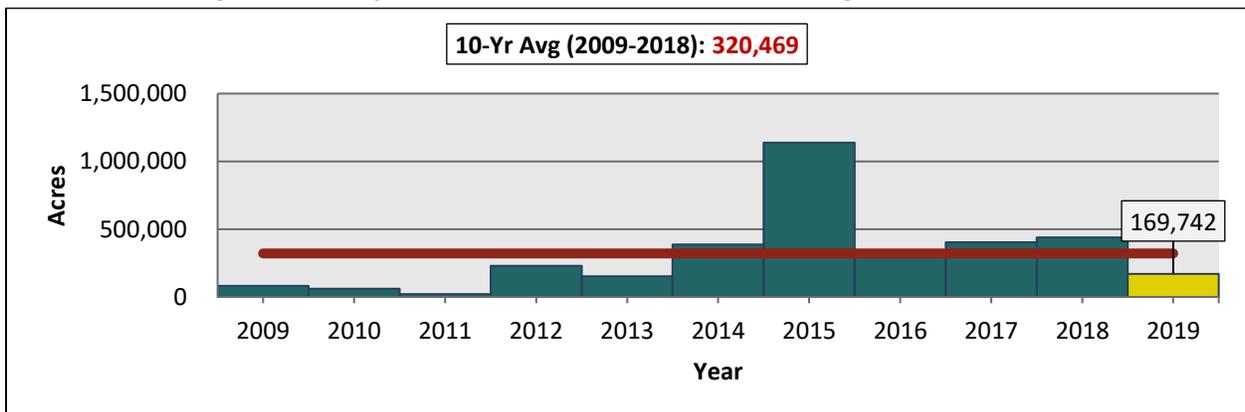


Chart 15: Washington 2019 Reported Acres Burned vs. 10-Year Average



Fires & Acres by Cause

The 2019 fire season saw about double human caused fires to lightning caused, this reflected closely with the 10-Year average percent ratio by fire cause. Whereas, the percentage ratio of acres burned reflects a higher percentage of lightning acres to human acres, which is also reflective in the 10-Year average.

Chart 16: NW 2019 Reported Fires & Cause (by Protecting Agency)

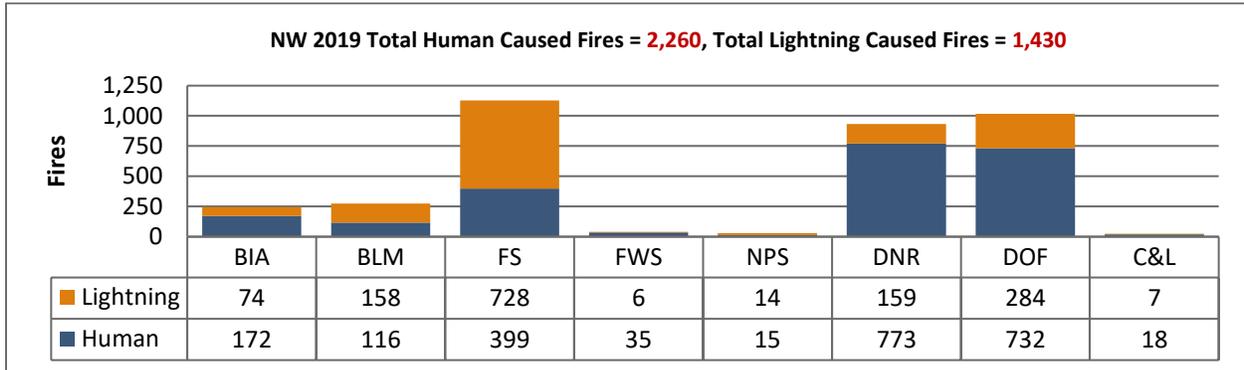
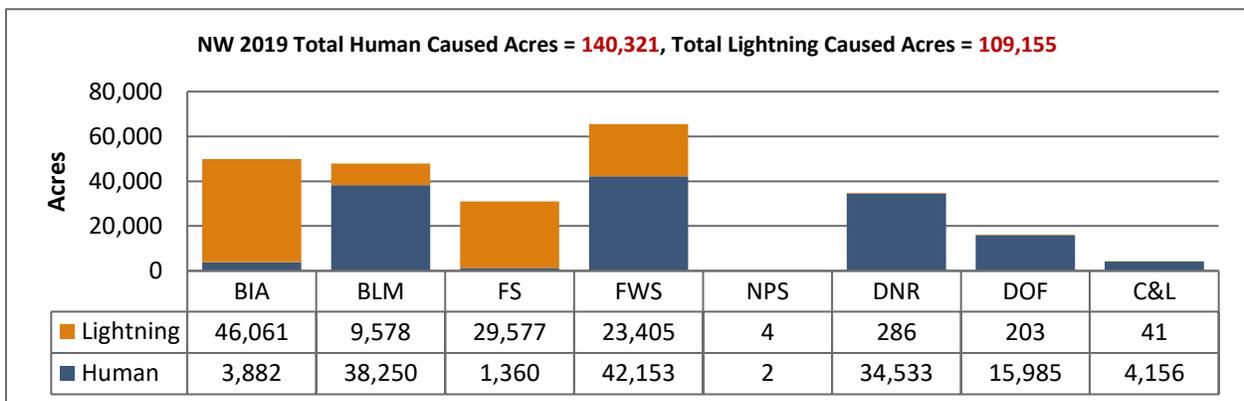
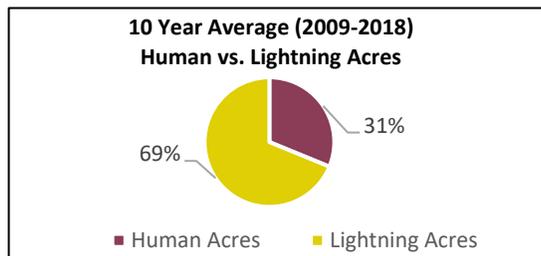
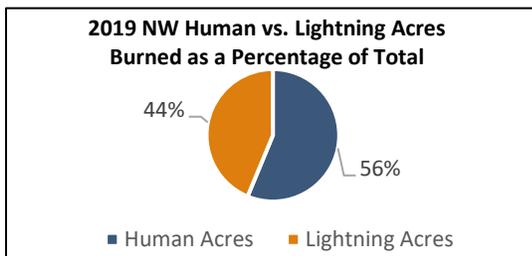
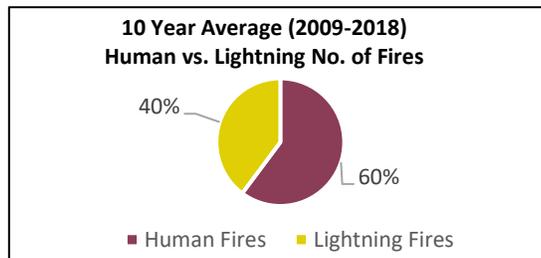
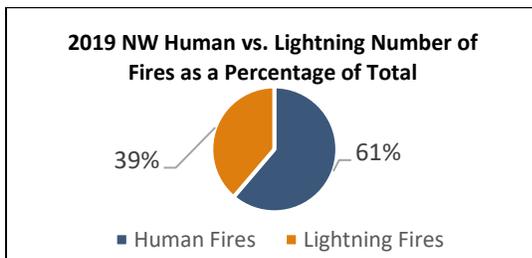


Chart 17: NW 2019 Reported Acres Burned & Cause (by Protecting Agency)



Charts 18/19: NW 2019 Reported vs 10 Yr. Average Fires & Acres by Cause



NW 2019 Incident Summary

Source: Listed incidents have met **any** of the ICS-209 reporting criteria (*refer to Ch. 60 of NW Mob Guide for criteria*). Listed by management strategy then start date, as reported on the final ICS-209 submitted. Chosen management strategy(ies) may have changed over the duration of the fire. Individual fires within complexes are not listed. Containment dates are based on best available information. Per the National Mob Guide, an incident is considered a Large Fire if the fire is 100 acres or larger in timber, 300 acres or larger in grass/brush, or when a Type 1 or Type 2 IMT is assigned. Incidents listed below are considered Large Fires **unless** an asterisk (*) is marked after Incident Name.

† Unit ID Acronyms see *Appendix, Unit Identifiers*. **IMT=Highest level assigned to incident *** Cause: H=Human, L=Lightning, U=Undetermined.

****Fuel; B=Brush, G=Grass, T=Timber.

Table 2: Oregon Incidents by Management Strategy

Management Strategy	Incident Name	Incident Unit ID†	Start Date	Contain Date	IMT**	Cause***	Fuel****	Acreage	PSA	Location
Full Suppression	Bray Mill	OR-FWF	5/1	5/3	4	H	T	405	7	4 mi NE of Chioquin, OR
	Medco B	OR-711S	5/4	6/20	3	H	T	345	4	10 mi NE of Butte Falls, OR
	Taylor Butte	OR-FWF	6/1	6/8	3	L	T	293	7	20 mi NE of Chiloquin, OR
	Dairy	OR-FWF	6/15	6/19	3	L	T	107	7	15 mi NE of Bly, OR
	Durbin Creek	OR-VAD	6/15	6/16	4	H	G	425	12	3 mi SW of Huntington, OR
	Blue Ridge	OR-MAF	7/3	7/12	3	L	T	667	6	23 mi SW of John Day, OR
	Clarks Butte	OR-VAD	7/12	7/14	4	L	G	353	12	9 mi NE of Rome, OR
	Silver Creek	OR-FWF	7/14	7/15	4	L	T	110	12	15 mi S of Silver Lake, OR
	Basque Flat	OR-VAD	7/22	7/24	4	L	G	522	12	56 mi S of Jordan Valley, OR
	Round Butte	OR-BUD	7/22	7/25	3	L	G	1,209	12	28 mi SE of Riley, OR
	Drummond Basin	OR-VAD	7/23	7/27	3	L	G	2,410	12	32 mi S of Jordan Valley, OR
	Miller Island	OR-CGF	7/23	7/24	4	L	B	900	10	8 mi E of The Dalles, OR
	MP 97	OR-732S	7/24	8/18	1	H	T	13,119	4	1 mi S of Canyonville, OR
	Mckay Butte	OR-DEF	7/28	8/4	3	H	T	170	7	7 mi NE of La Pine, OR
	E Evans Creek Fire	OR-711S	8/2	8/13	3	H	T	156	4	10 mi NW of Sams Valley, OR
	163 HK Complex	OR-UMF	8/5	12/31	2	L	T	2,705	11	15 mi N of Monument, OR
	Pole	OR-VAD	8/5	8/12	3	L	G	675	12	10 mi N of Huntington, OR
	Sheep Mountain *	OR-PRD	8/7	8/10	3	L	B	70	6	9 mi W of Mitchel, OR
	Ward	OR-LAD	8/9	8/18	1	L	T	1,301	7	22 mi SW of Klamath Falls, OR
	Ward Creek 0769 RN	OR-RFPN	8/12	8/16	3	H	G	2,100	6	7 mi W of Shaniko, OR
Box	OR-MAF	8/30	9/7	3	L	T	100	6	31 mi SW of Seneca, OR	
Gopher	OR-RSF	9/5	9/26	3	L	T	354	7	11 mi E of Prospect, OR	
Diamond Valley	OR-BUD	9/8	9/15	3	L	G	751	12	13 mi S of Diamond, OR	
Poker	OR-SHR	9/15	9/23	3	L	G	23,400	12	Hart Mtn. Wildlife Refuge, OR	
Confine	Granite Gulch	OR-WWF	7/28	10/17	3	L	T	5,550	11	Eagle Cap Wilderness, OR
	Pacific 0847 CS *	OR-DEF	8/29	9/24	4	L	T	1	6	12 mi W of Sisters, OR
	IKT 0876 NE *	OR-DEF	9/5	11/25	4	L	T	34	6	7 mi E of Sunriver, OR
Monitor	Fifty 0050 RS *	OR-PRD	4/21	4/30	4	L	T	0	6	10 mi ESE of Bend, OR
	341 Skookum Creek	OR-UMF	11/1	12/5	4	H	T	120	11	20 mi S of Heppner, OR
Confine, PZP, Full Suppression	204 Cow	OR-MAF	8/9	10/15	1	L	T	9,668	11	17 mi SW Unity, OR
Oregon Count								Total Acres		
30								68,020		

Table 3: Washington Incidents by Management Strategy

Management Strategy	Incident Name	Incident Unit ID [†]	Start Date	Contain Date	IMT ^{††}	Cause ^{†††}	Fuel ^{††††}	Acreage	PSA	Location
Full Suppression	243 Command	WA-SPD	6/3	6/11	3	U	G	20,380	10	13 mi W of Royal City, WA
	Dry Sage	WA-SES	6/8	6/11	4	U	G	397	5	15 mi N of Yakima, WA
	Alkali Canyon	WA-SES	6/20	6/21	3	U	G	4,000	10	4 mi W of Mattawa, WA
	Elmer City	WA-COA	6/23	6/26	3	H	G	1,979	8	2 mi N of Elmer City, WA
	Swanson Mill *	WA-WFS	7/3	7/6	3	H	G	281	8	5 mi SSE of Oroville, WA
	Lundstroms	WA-COA	7/5	7/7	4	H	G	376	9	24 mi E of Grand Coulee, WA
	Powerline	WA-SPD	7/14	7/17	3	U	G	7,700	10	3 mi N of Mattawa, WA
	Cold Creek	WA-MCR	7/18	7/21	3	U	G	41,920	10	20 mi NW of Richland, WA
	Desert Canyon	WA-SES	7/23	7/27	3	L	G	1,456	10	8 mi NW of Orondo, WA
	Left Hand	WA-SES	7/23	8/7	2	L	T	3,406	5	17 mi NW of Naches, WA
	Pipeline	WA-SES	7/23	7/30	2	U	B	6,515	5	7 mi N of Selah, WA
	Graham	WA-NES	7/24	7/28	3	L	T	104	10	8 mi SW of Cheney, WA
	Saddle Mountain	WA-SPD	7/24	7/26	5	U	G	350	10	2 mi SE of Beverly, WA
	Lundstrom Butte	WA-COA	8/2	8/6	2	U	T	10	9	16 mi SE of Keller, WA
	Sulphur	WA-WFS	8/2	8/3	3	U	G	1,050	10	6 mi SE of Connell, WA
	Williams Flats	WA-COA	8/2	8/25	2	L	T	44,446	9	5 mi SE of Keller, WA
	Esquatzel	WA-SPD	8/4	8/12	3	U	G	500	10	2 mi NE of Eltopia, WA
	North Mill Creek	WA-COF	8/8	8/12	3	U	T	497	9	13 mi NE of Colville, WA
	Matson	WA-SPD	10/7	10/15	3	U	G	8,743	10	1 mi NE of Mesa, WA
	Milepost 20	WA-SPD	10/29	10/29	3	U	G	800	10	West of Quincy, WA
Confine	Maple Creek *	WA-OWF	7/23	9/6	5	U	B	0	5	Glacier Peaks Wilderness, WA
Monitor	Index Creek *	WA-OWF	7/23	9/6	4	L	T	0	5	Alpine Lakes Wilderness, WA
	South Fork Creek	WA-OWF	7/23	10/3	4	L	T	199	5	Alpine Lakes Wilderness, WA
	Mt Dana *	WA-OLP	8/31	9/30	5	L	T	40	1	21 mi S of Port Angeles, WA
	San Juan *	WA-MSF	9/7	9/24	5	L	T	0	1	12 mi N of Skykomish, WA
	Shoofly *	WA-OWF	9/9	10/3	5	L	T	0	10	9 mi NE of Wellington, WA
Confine, Full Suppression	Kusshi Creek	WA-YAA	7/24	8/7	3	L	T	953	5	37 mi S of Yakima, WA
Confine, PZP, Full Suppression	Devore Creek	WA-OWF	7/26	9/20	3	L	T	500	8	3 mi SW of Stehekin, WA
Washington Count								Total Acres		
28								146,602		

NW 2019 Large Incident Summary

Source: ICS-209 Reports.

Per the National Mob Guide, an incident is considered a “Large Fire” if the fire is 100 acres or larger in timber, 300 acres or larger in grass/brush, or when a Type 1 or Type 2 IMT is assigned. The graphs below represent only the incidents from Table 2 & 3 that meet this criteria.

The first large incident of 2019 occurred in southern Oregon. The Bray Mill incident started on May 1st on the Fremont Winema NF. It was human caused in a timber fuel type with a final size of 405 acres.

The largest incident of 2019 occurred in northeast Washington. The Williams Flats incident started on August 2nd on the Colville Agency, BIA lands five miles SE of Keller, Washington. The fire burned in a grass and timber fuel type and proved active until heavy precipitation fell over the incident causing flooding and road access issues. A Type 2 & 3 IMT were assigned to the incident before it was contained on August 25th at 44,446 acres. The cause remains undetermined.

Chart 20: Large Incident Summary by State & Agency

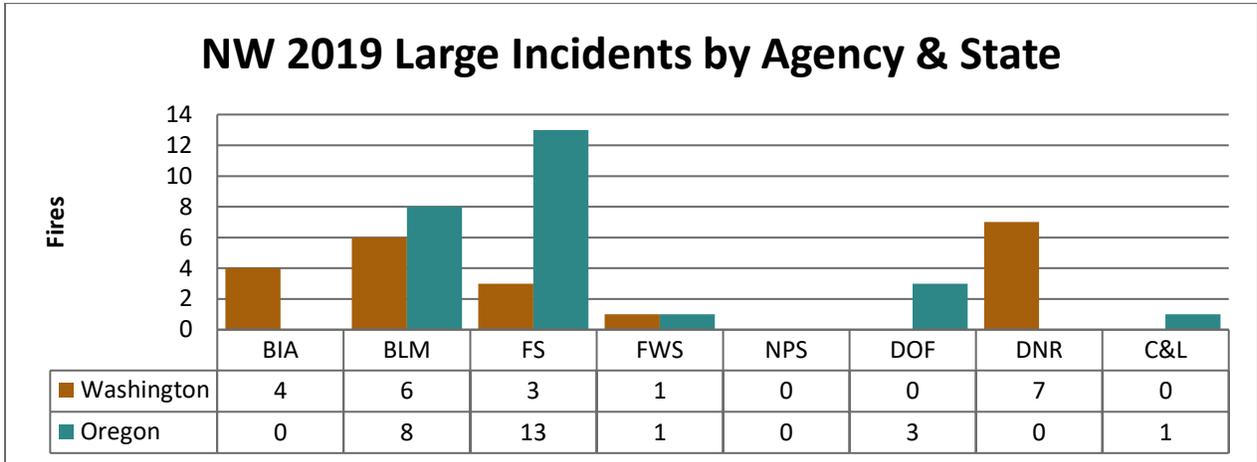
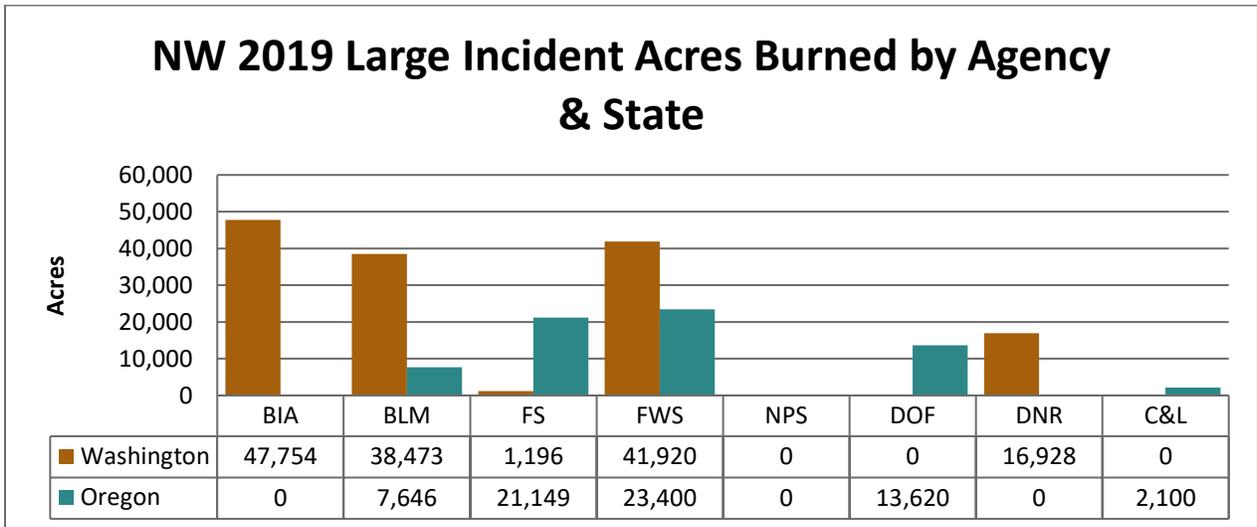
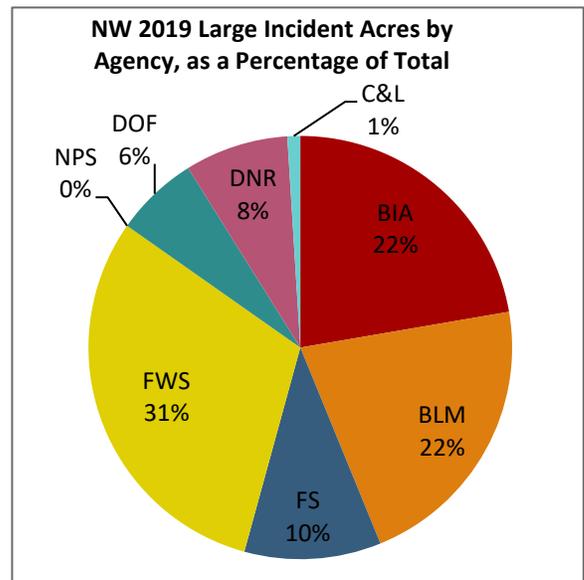
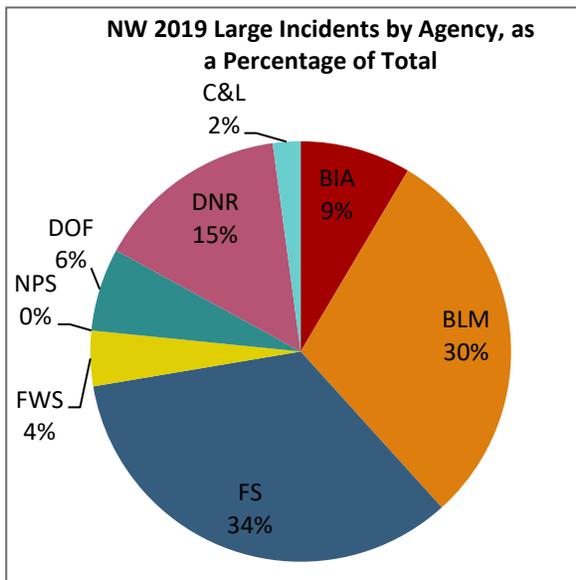


Chart 21: Large Incident Acres Burned Summary by State & Agency

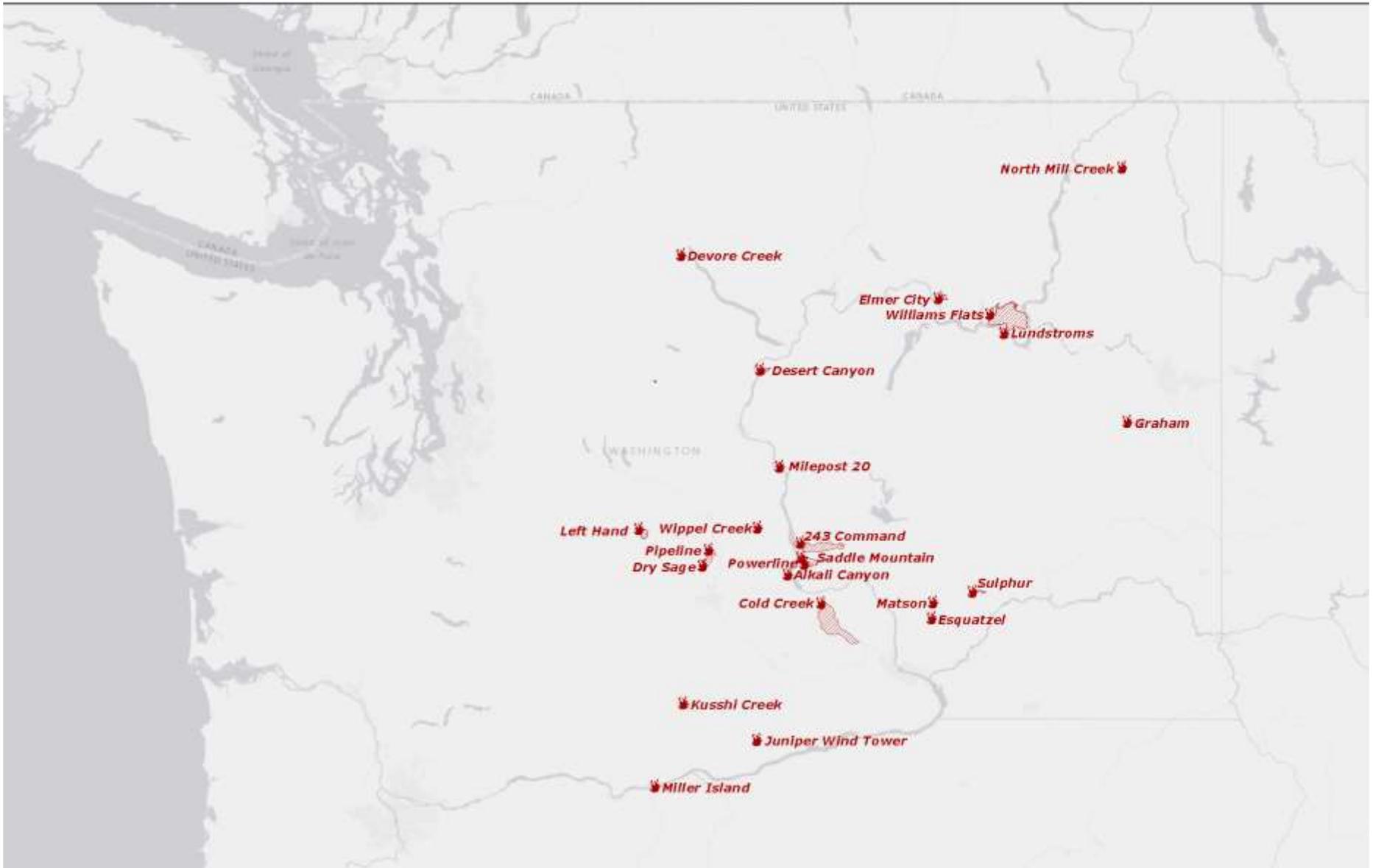


Charts 22/23: NW 2019 Large Incidents by Agency as a Percentage of Total



NW 2019 Incident Location Maps

Map 1: Washington Incidents



Map 2: Oregon Incidents



RESOURCE INFORMATION & STATISTICS

NW Incident Management Teams Assignment History

Source: COGNOS/ROSS Reports.

All IMTs Total Days Assigned (NIMO, Type 1 & Type 2)

Northwest IMTs	Days Assigned: 195
Out of GACC IMTs	Days Assigned: 23
Total Days Assigned: 218	

Portland NIMO

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
Portland NIMO - Day	AK-ACC	AK-TASC	BOUNDARY RIVER	Fire - Wildfire	7/7	13
	AK-ACC	AK-YTDC	UYD MULTIFIRE SUPPORT 2019	Fire - Wildfire	7/19	3
	AK-ACC	AK-YTDC	CORNUCOPIA COMPLEX	Complex	7/22	19
Total						35

Northwest Type 1

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
PNW Team 2 – Allen	AK-ACC	AK-FASC	SHOVEL CREEK	Fire - Wildfire	7/1	17
Total						17

ODF Type 1

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
ODF Team 2 - Cline	OR-NWC	OR-LFC	WARD	Fire - Wildfire	8/10	7
ODF Team 3 - Smith	OR-NWC	OR-73C	MP 97	Fire - Wildfire	7/26	15
Total						22

Northwest Type 2

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
NW Team 6 - Sheldon	OR-NWC	OR-JDCC	163 HK COMPLEX	Complex	8/7	9
NW Team 7 - Knerr	OR-NWC	WA-CWC	LEFT HAND	Fire - Wildfire	7/25	12
NW Team 8 – D. Johnson	OR-NWC	WA-CAC	WILLIAMS FLATS	Fire - Wildfire	8/2	14
NW Team 9 - Goff	OR-NWC	OR-JDCC	204 COW	Fire - Wildfire	8/21	16
NW Team 10 - Lawson	AK-ACC	AK-ACC	2019 AICC SUPPORT - AFS	Preparedness/Preposition	8/19	1
	AK-ACC	AK-MSSC	DESHKA LANDING	Fire - Wildfire	8/19	22
NW Team 11 – B. Johnson	AK-ACC	AK-YTDC	OREGON LAKES	Fire - Wildfire	5/18	14
NW Team 12 - Harrod	AK-ACC	AK-ACC	2019 AICC SUPPORT - AFS	Preparedness/Preposition	7/4	3
	AK-ACC	AK-MSSC	MONTANA CREEK	Fire - Wildfire	7/8	9
NW Team 13 - Gales	AK-ACC	AK-ACC	2019 AICC SUPPORT - AFS	Preparedness/Preposition	6/23	5
	AK-ACC	AK-KIDC	SWAN LAKE	Fire - Wildfire	6/29	16
Total						121

Resource Order Summary

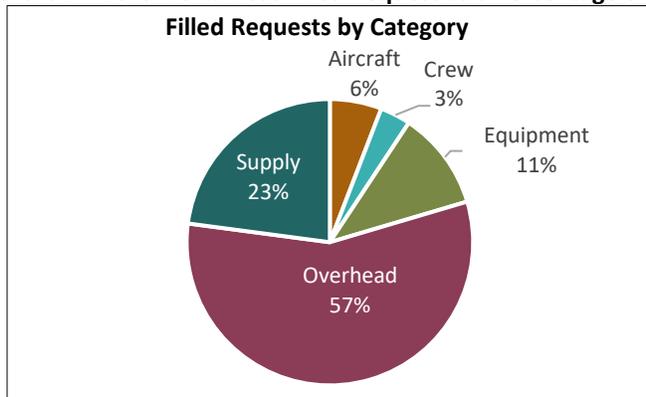
Source: COGNOS/ROSS Reports

During 2019, the dispatch community within the Northwest entered 46,277 total requests. Of those 35,692 were filled which equates to a 77% fill rate. Due to high fire activity in neighboring GACCs and International communities, crew orders filled exceeded the number of orders entered by 103%.

Table 4: 2019 Northwest All Resource Order Summary

Request Category	Enter	Delete	Place	Retrieve	Fill	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Aircraft	2,599	48	2,341	161	2,087	33	426	1,959	199	94	172
Crew	1,089	22	1,127	89	1,229	61	148	883	120	12	108
Equipment	4,214	101	1,935	184	3,972	173	407	3,546	365	63	277
Overhead	20,089	104	8,854	482	20,230	357	3,801	14,963	649	224	2,206
Supply	18,286	231	5,661	384	8,174	63	44	2,327	5,226	105	12
Summary	46,277	506	19,918	1,300	35,692	687	4,826	23,678	6,559	498	2,775

Chart 24: 2019 Northwest Filled Request as a Percentage of the total



Williams Flats Fire – August 19th (WA-COA)

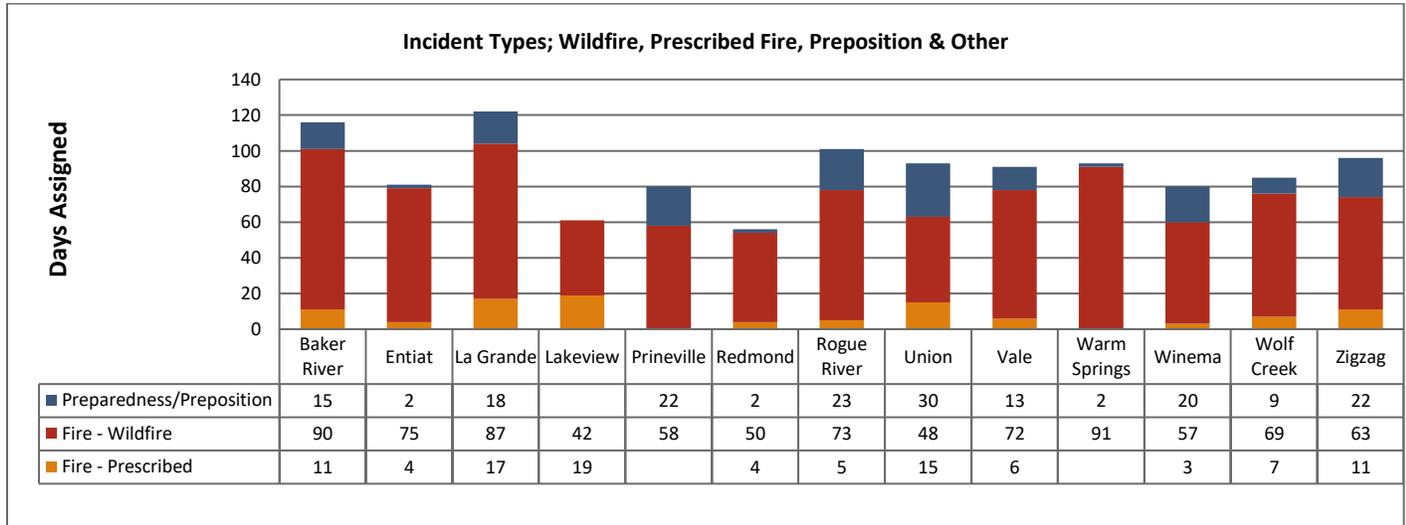
Table 5: 2019 Crew Resource Order Summary

Category Name	Catalog Item Name	Enter	Delete	Place	Retrieve	Fill	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Fire	Crew, Type 1	145	0	177	18	148	7	60	80	16	4	8
	Crew, Type 1 or 2 IA	24	0	79	4	66	6	5	21	1	0	20
	Crew, Type 1 or 2 Any	1	0	6	1	4	0	0	1	0	0	1
	Crew, Type 2 IA	250	1	272	26	289	21	39	217	29	1	19
	Crew, Type 2	253	11	359	13	354	17	24	212	21	3	49
	Crew, Type 2 Any	25	2	29	1	23	0	1	21	4	0	2
	Crew, Type Any	10	0	9	1	8	0	0	8	2	0	0
	Crew, Misc	335	3	148	19	295	5	19	281	44	3	5
Fire, Strike Team	Crew, Strike Team, Type 2 IA	2	1	0	0	0	0	0	0	1	0	0
	Crew, Strike Team, Type 2	3	3	0	0	0	0	0	0	0	0	0
Fire		1,048	21	1,079	83	1,187	56	148	841	118	11	104
Non-Fire	Crew, Camp	34	1	35	4	35	5	0	34	2	1	3
	Crew, Kitchen	7	0	13	2	7	0	0	8	0	0	1
Non-Fire		41	1	48	6	42	5	0	42	2	1	4
Crew Summary		1,089	22	1,127	89	1,229	61	148	883	120	12	108

NW Interagency Hotshot Crews

Source: COGNOS/ROSS Reports.

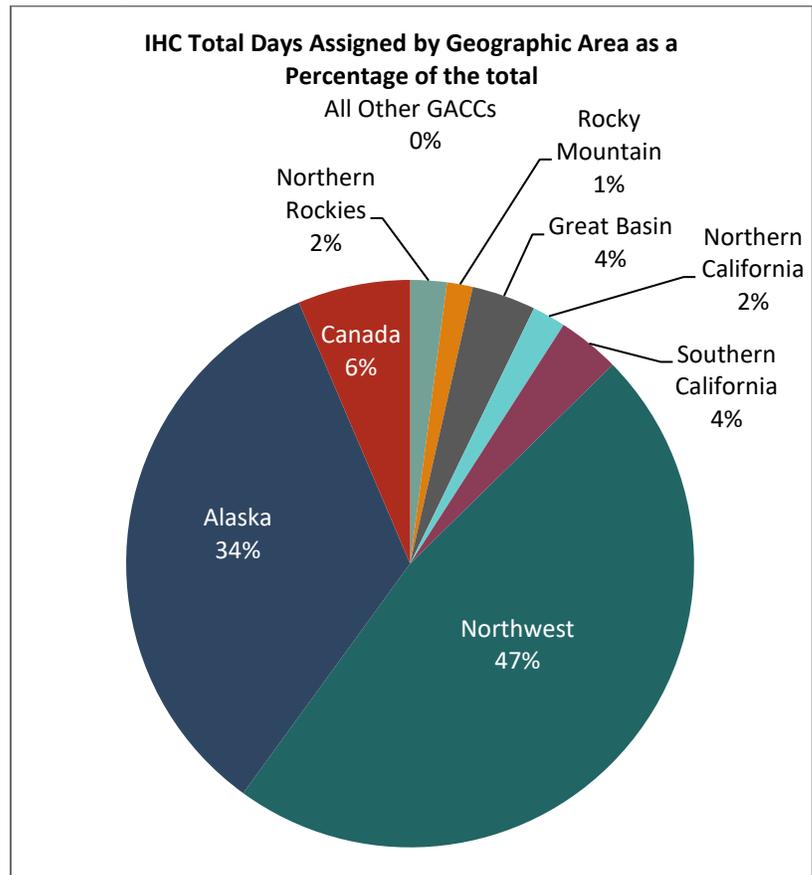
Chart 25: 2019 IHC Days Assigned to Incidents



2019 IHC Days Assigned & Percentage of Total by Geographic Area

GACC	Days	%
Southern Area	0	0%
Eastern Area	0	0%
Northern Rockies	24	2%
Rocky Mountain	17	1%
Great Basin	42	4%
Southwest	0	0%
Northern California	22	2%
Southern California	41	4%
Northwest	547	47%
Alaska	388	34%
Canada	74	6%
Total	1,155	100%

Chart 26: 2019 IHC Days Assigned by Geographic Area as a Percentage of the Total



NW Smokejumpers

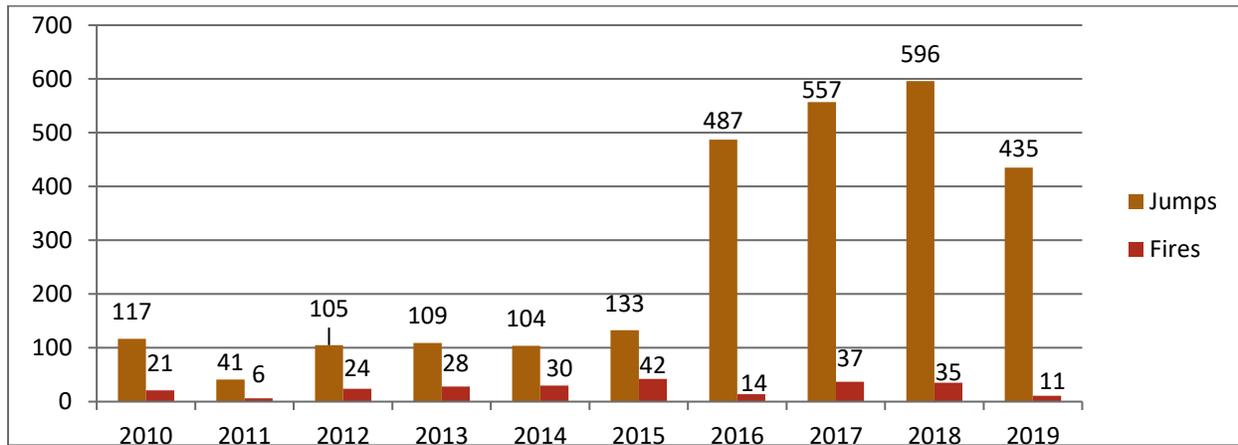
North Cascades Smokejumpers

Source: North Cascades Smokejumper Base (NCSB), excerpt. For full report, contact NCSB.

In summary, **11** fires were jumped out of NCSB in 2019, additionally NCSB boosted other bases 8 times during the season. The first fire jump occurred on **June 16th** and the last on **September 5th**. Nationally the North Cascades Smokejumpers conducted **435** total jumps with **0** loss time injuries.

NCSB filled 17 single resource assignments totaling 222 days, as well as spending 374 person days on fuels management activities; prescribed burning and thinning.

Chart 27: NCSB Smokejumper’s 10-Year Fire Jump Numbers



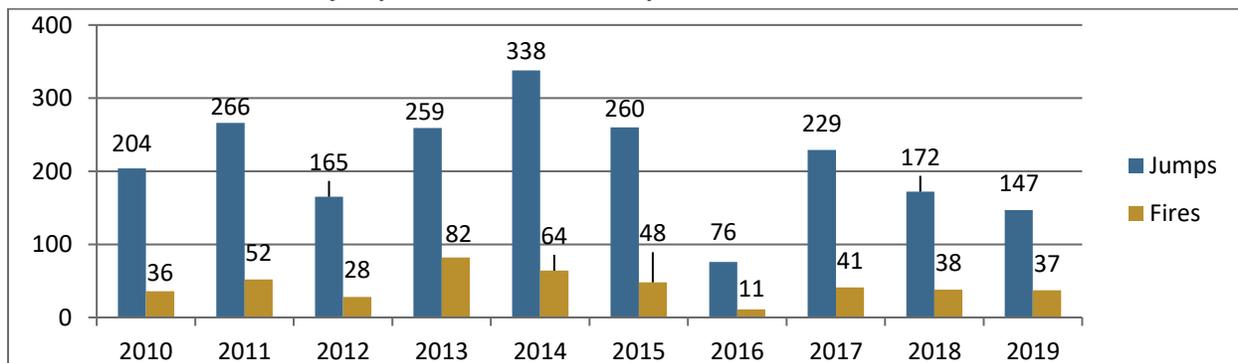
Redmond Smokejumpers

Source: Redmond Air Center (RAC), excerpt. For full report, contact RAC.

Out of Redmond, **37** fires were staffed totaling **147** fire jumps. Redmond Smokejumpers and boosters responded to fires in 8 separate land management areas in the Northwest. The first fire jump occurred on **July 30th** and the last on **September 8th**. The 37 fires are approximately 76% of our 10-year average of 50 fires and 147 fire jumps is 72% of our 10-year average of 240 fire jumps.

Redmond Smokejumpers filled 27 single resource assignments totaling 263 days, which amounted to 14% of our wildland/prescribed fire activities in 2019.

Chart 28: Redmond Smokejumper’s 10-Year Fire Jump Numbers



NW Rappel Aircraft

Source: Region 6 2019 Aviation Summary. For full report, contact SORO.

2019 Rappel Activity Totals – Region 6

*MAP (Mandatory Availability Period)

	Wenatchee	Grande Ronde #2	Grande Ronde #1	John Day	Siskiyou	Prineville	Totals	Average
Flight Hours on Fire	125.1	157.7	98.9	191.6	65.8	129.4	768.5	128.1
Flight Hours Other	36	25.6	38.1	26.5	42.7	10.8	179.7	30.0
Days on Contract	128	128	120	133	154	120	783	130.5
Days Flown on MAP*	73	71	74	88	66	56	428	71.3
% Days Flown on MAP*	57%	55%	62%	66%	43%	47%		0.5
# Initial Attack Count	20	31	14	13	16	15	109	18.2
# Large Fires	3	1	4	6	3	3	20	3.3
Person Days on Fire	1008	217	673	828	245	0	2,971	495.2
Training Rappels	67	164	108	80	27	0	446	74.3
Proficiency Rappels	139	168	150	149	255	198	1,059	176.5
Operational Rappels	30	54	26	37	52	48	247	41.2
Total Rappels	236	386	284	266	334	246	1,752	292.0
Rapp IA's/EA's	11	6	6	10	12	0	45	7.5
Helitack IA's	5	7	7	3	0	0	22	3.7

Chart 29: 2019 Rappel Flight Hours on Fire

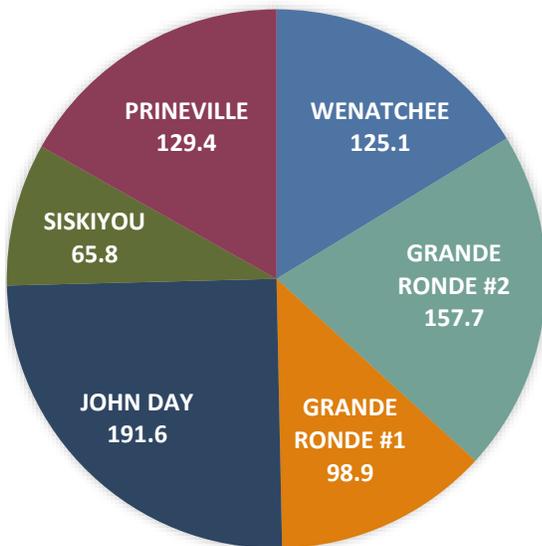
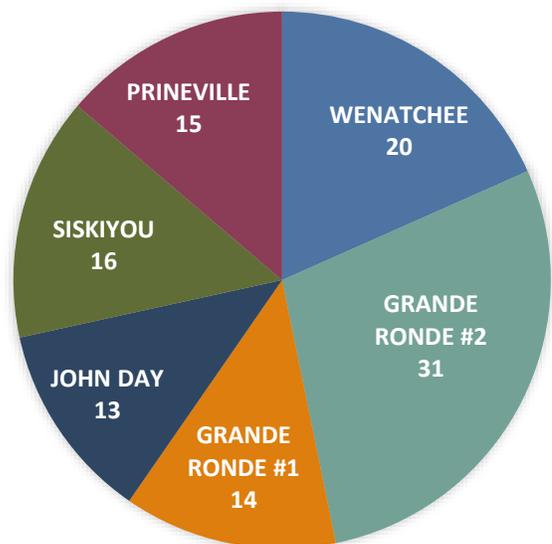


Chart 30: 2019 Rappel Initial Attack Count



Redmond Air Tanker Base

Source: Redmond Air Center (RAC), excerpt. For full report, contact RAC.

The USFS Pacific Northwest Air Tanker Base Program consists of the six “large” air tanker bases in the region hosted by area forests. Some also support MAFFS and VLAT air tankers and other types of incident support aircraft including smoke jumping aircraft, helicopters and other aircraft. For other Northwest Air Tanker Base figures, contact respective bases.

2019 Year End Totals

RETARDANT

Gallons of Retardant -----	341,747
Loads of Retardant-----	142
Retardant Cost to Fires -----	\$1,060,2015.12
Retardant Contract Length -----	137 days
Contract Extension-----	0 days
Retardant Loads Aborted or Jettisoned -----	1
Average Turnaround Time -----	12 minutes

FIRE INFORMATION

Number of Agency Users-----	7
Number of Fires Worked With Air Tankers -----	44
Number of Initial Attack Fires-----	34
Number of Fires Reinforced -----	10
Number of Air Tankers that operated from RDM-----	21

LANDINGS

Total Number of Landings -----	117
Total Landing Fee Costs (at \$3.13 per 1000lbs)-----	\$30,386.26
Types of Air Tankers Making Landings-----	6
(BAe-146, MD-87, CV-580, DC-7, C-130Q, RJ-85, SEATs, Fire-Boss)	

PEAK OPERATIONS

Max # of Air Tankers Operating in One Day (August 18)-----	7
Max # of Incidents Worked in One Day (August 18)-----	2
Max. # of Loads in One Day (August 18)-----	27
Max. # of Gallons Retardant Pumped in One Day (August 18) -----	49,175
Max # of Landings in One Day (August 18) -----	29

First Air Tanker Mission Flown-----May 8

Where Flown: “Bridge Drive”, (ODF)

Last Air Tanker Mission Flown -----September 8

Where Flown: “Diamond Valley”, (BLM)

APPENDIX

NW Situation Report

Source: Interagency Situation Report (SIT Report), as reported by NW dispatch offices as of 12/31/2019.

DNR = Department of Natural Resources, NF = National Forest, NHP = National Historic Park, NHS = National Historic Site, NM = National Monument, NP = National Park, NRA = National Recreation Area, NSA = National Scenic Area, NWR = National Wildlife Refuge, DOF = Oregon Department of Forestry

Table 6: 2019 NW Fires & Acres by Unit (by Protecting Agency)

Agency	State	Unit Name	Human Fires	Human Acres	Lightning Fires	Lightning Acres	Total Fires	Total Acres	
BIA	Oregon	Umatilla Agency	10	148	-	-	10	148	
		Warm Springs Agency (OR-WSA)	30	87	7	6	37	93	
	Oregon Total		40	235	7	6	47	241	
	Washington	Colville Agency	43	3,476	32	44,699	75	48,175	
		Kalispel Tribe	1	-	-	-	1	-	
		Spokane Agency	20	56	1	-	21	56	
		Yakama Agency	68	115	34	1,356	102	1,471	
	Washington Total		132	3,647	67	46,055	199	49,702	
	BIA Total			172	3,882	74	46,061	246	49,943
	BLM	Oregon	Burns District	15	46	51	2,745	66	2,791
Coos Bay District (OR-CBD)			-	-	-	-	-	-	
Coos Bay District (OR-RICC)			7	4	-	-	7	4	
Klamath Falls Resource Area			-	-	-	-	-	-	
Lakeview District			10	2	29	1,847	39	1,849	
Medford District (OR-RVC)			2	-	-	-	2	-	
Northwest Oregon District			-	-	-	-	-	-	
Prineville District (OR-COC)			14	267	45	545	59	812	
Roseburg District (OR-RICC)			-	-	-	-	-	-	
Vale District (OR-VAD)		16	534	30	4,430	46	4,964		
Oregon Total		64	853	155	9,567	219	10,420		
Washington		Spokane District (WA-CWC)	45	37,395	1	-	46	37,395	
	Spokane District (WA-NEC)	7	2	2	11	9	13		
Washington Total		52	37,397	3	11	55	37,408		
BLM Total			116	38,250	158	9,578	274	47,828	
C&L	Oregon	South Gilliam County Rural Fire Protection District	-	-	-	-	-	-	
		Wasco Fire Department	-	-	-	-	-	-	
		Black Butte Ranch Rural Fire Protection District	-	-	-	-	-	-	
		Bend Fire Department	3	1	3	1	6	2	
		Bly Rural Fire Protection District	-	-	-	-	-	-	
		Bonanza Rural Fire Protection District	-	-	-	-	-	-	
		Crook County Fire & Rescue	3	1	1	-	4	1	
		Chemult Rural Fire Protection District	-	-	-	-	-	-	
		Chiloquin-Agency Lake Rural Fire Protection District	-	-	-	-	-	-	
		Cloverdale Fire Protection District	-	-	-	-	-	-	
		Condon Fire Department	-	-	-	-	-	-	
		Crescent Rural Fire Protection District	-	-	-	-	-	-	
		Crooked River Ranch Rural Fire Protection District	-	-	-	-	-	-	
		Dayville Fire Department	-	-	-	-	-	-	
		Deschutes County Fire District 1	-	-	-	-	-	-	

APPENDIX | NW Situation Report

Agency	State	Unit Name	Human Fires	Human Acres	Lightning Fires	Lightning Acres	Total Fires	Total Acres
		Deschutes County Fire District 2	-	-	-	-	-	-
		Fossil Volunteer Fire Department	-	-	-	-	-	-
		Gilchrist Fire Department	-	-	-	-	-	-
		Jefferson County Rural Fire Protection District #1	2	1	-	-	2	1
		Juniper Flat Rural Fire Protection District	-	-	-	-	-	-
		Keno Rural Fire Protection District	-	-	-	-	-	-
		Kingsley Field Fire Department	-	-	-	-	-	-
		Klamath County Fire District 3	-	-	-	-	-	-
		Klamath County Fire District 4	-	-	-	-	-	-
		Klamath County Fire District 5	-	-	-	-	-	-
		Klamath County Fire District 1	-	-	-	-	-	-
		Lapine Rural Fire Protection District	1	1	-	-	1	1
		Lakeview Fire Department	-	-	-	-	-	-
		Malin Rural Fire Protection District	-	-	-	-	-	-
		Merrill Rural Fire Protection District	-	-	-	-	-	-
		Mitchell Volunteer Fire Department	-	-	-	-	-	-
		Moro Fire Department	-	-	-	-	-	-
		Maupin Fire Department	-	-	-	-	-	-
		North Gilliam County Rural Fire Protection District	3	1,888	-	-	3	1,888
		North Sherman County Rural Fire Protection District	1	150	1	15	2	165
		New Pine Creek Rural Fire Protection District	-	-	-	-	-	-
		Paisley Volunteer Fire Department	-	-	-	-	-	-
		Redmond Fire & Rescue	1	-	-	-	1	-
		Central Oregon Rangeland Protection Association (OR-COC)	3	2,100	2	25	5	2,125
		Central Oregon Rangeland Protection Association (OR-LFC)	1	14	-	-	1	14
		Silver Lake Rural Fire Protection District	-	-	-	-	-	-
		Sisters-Camp Sherman Rural Fire Protection District	-	-	-	-	-	-
		Sprague River Volunteer Fire Department	-	-	-	-	-	-
		Spray Volunteer Fire Department	-	-	-	-	-	-
		Summer Lake Fire District	-	-	-	-	-	-
		Sunriver Fire Department	-	-	-	-	-	-
		Thomas Creek-West Side Rural Fire Protection District	-	-	-	-	-	-
		Warm Springs Fire & Safety	-	-	-	-	-	-
		Oregon Total	18	4,156	7	41	25	4,197
C&L Total			18	4,156	7	41	25	4,197
DNR	Washington	Northwest Region-DNR	75	79	3	-	78	79
		Olympic Region-DNR	29	57	-	-	29	57
		Pacific Cascade Region-DNR	134	401	18	2	152	403
		South Puget Sound Region-DNR	141	187	9	5	150	192
		Southeast Region-DNR (OR-BMC)	1	20	4	6	5	26
		Southeast Region-DNR (WA-CWC)	32	485	22	8	54	493
		Washington State Fire Marshal's Office (OR-BMC)	-	-	-	-	-	-
		Washington State Fire Marshal's Office (WA-WSP)	5	29,476	-	-	5	29,476
		Northeast Region-DNR (WA-CWC)	4	12	1	-	5	12
		Northeast Region-DNR (WA-NEC)	352	3,816	102	265	454	4,081
		Washington Total	773	34,533	159	286	932	34,819
DNR Total			773	34,533	159	286	932	34,819
DOF	Oregon	Astoria District	22	6	-	-	22	6

APPENDIX | NW Situation Report

Agency	State	Unit Name	Human Fires	Human Acres	Lightning Fires	Lightning Acres	Total Fires	Total Acres
DOF		Baker Unit	1	1	7	1	8	2
		Bridge Unit	9	2	-	-	9	2
		Central Unit	19	51	12	2	31	53
		Columbia City Unit	11	4	4	-	15	4
		Coos Forest Protective Association	38	8	7	1	45	9
		Dallas Unit	9	5	-	-	9	5
		East Lane Unit - ODF	48	159	14	1	62	160
		Forest Grove Unit	15	25	1	-	16	25
		Gold Beach Unit	19	12			19	12
		Grants Pass Unit	143	121	24	12	167	133
		John Day Unit	9	29	45	73	54	102
		Klamath Unit	31	101	11	2	42	103
		LaGrande District	4	4	12	21	16	25
		Lake Unit	7	182	14	5	21	187
		Medford Unit	94	617	28	11	122	628
		Molalla Unit	26	14	2	-	28	14
		North Unit	28	39	11	14	39	53
		Philomath Unit	9	-	-	-	9	-
		Prineville Unit	2	1	10	8	12	9
		Santiam Unit	23	240	3	-	26	240
		Sisters Unit	16	16	16	2	32	18
		South Unit	26	13,682	13	18	39	13,700
		Sweet Home Unit - ODF	16	5	1	-	17	5
		The Dalles Unit (OR-COC)	22	90	4	-	26	90
		The Dalles Unit (WA-CCC)	-	-	-	-	-	-
		Tillamook District	7	2	-	-	7	2
		Toledo Unit	7	121	-	-	7	121
		Walker Ranger Forest Protective Association	11	1	4	-	15	1
		Wallowa Unit	9	340	23	28	32	368
		Western Lane District	42	18	8	3	50	21
	Douglas Forest Protective Association (OR-73S)	-	-	-	-	-	-	
	Pendleton Unit (OR-BMC)	9	89	10	1	19	90	
	Oregon Total		732	15,985	284	203	1,016	16,188
DOF Total			732	15,985	284	203	1,016	16,188
FS	Idaho	Hells Canyon National Recreation Area	-	-	2	3	2	3
	Idaho Total		0	0	2	3	2	3
	Oregon	Columbia River Gorge National Scenic Area	16	1	4	900	20	901
		Deschutes National Forest	88	181	105	107	193	288
		Fremont-Winema National Forest	22	423	40	531	62	954
		Malheur National Forest (OR-BIC)	6	1	11	4	17	5
		Malheur National Forest (OR-MAF)	15	10	79	10,353	94	10,363
		Malheur National Forest-Burns Fire Zone	-	-	-	-	-	-
		Mt. Hood National Forest	50	11	20	6	70	17
		Ochoco National Forest	8	-	66	134	74	134
		Rogue River-Siskiyou National Forest	20	3	40	363	60	366
		Siuslaw National Forest	10	19	-	-	10	19
		Umatilla National Forest (OR-BMC)	12	38	28	15	40	53
		Umatilla National Forest (OR-MAF)	2	120	27	6,162	29	6,282
		Umpqua National Forest	14	1	53	10	67	11
		Wallowa-Whitman National Forest (OR-BMC)	28	47	68	5,704	96	5,751
		Willamette National Forest	38	15	99	52	137	67
		Oregon Total		329	870	640	24,341	969

APPENDIX | NW Situation Report

Agency	State	Unit Name	Human Fires	Human Acres	Lightning Fires	Lightning Acres	Total Fires	Total Acres
FS	Washington	Colville National Forest	8	461	28	20	36	481
		Gifford Pinchot National Forest	20	4	7	2	27	6
		Mt. Baker-Snoqualmie National Forest	16	-	3	-	19	-
		Okanogan-Wenatchee National Forest (WA-CWC)	13	17	28	5,199	41	5,216
		Okanogan-Wenatchee National Forest (WA-NEC)	5	2	7	1	12	3
		Olympic National Forest	5	-	-	-	5	-
		Umatilla National Forest - Washington	3	6	13	11	16	17
	Washington Total	70	490	86	5,233	156	5,723	
FS Total		399	1,360	728	29,577	1,127	30,937	
FWS	Oregon	Bear Valley NWR	-	-	-	-	-	-
		Hart Mountain National Antelope Refuge	-	-	-	-	-	-
		Klamath Marsh NWR	1	2	-	-	1	2
		Malheur NWR	1	43	1	1	2	44
		Oregon Coast NWR Complex	-	-	-	-	-	-
		Sheldon-Hart Mountain NWR Complex	2	27	2	23,400	4	23,427
		Upper Klamath NWR	-	-	-	-	-	-
		Willamette Valley NWR Complex	-	-	-	-	-	-
	Oregon Total	4	72	3	23,401	7	23,473	
	Washington	Little Pend Oreille NWR	1	-	-	-	1	-
		Nisqually NWR Complex	-	-	-	-	-	-
		Ridgefield NWR Complex	-	-	-	-	-	-
		Turnbull NWR	2	-	3	4	5	4
		Washington Maritime NWR Complex	-	-	-	-	-	-
		Willapa NWR Complex (WA-PCS)	-	-	-	-	-	-
		Willapa NWR Complex (WA-PSC)	-	-	-	-	-	-
		Mid Columbia NWR Complex (WA-CWC)	28	42,081	-	-	28	42,081
	Washington Total	31	42,081	3	4	34	42,085	
FWS Total		35	42,153	6	23,405	41	65,558	
NPS	Oregon	Crater Lake National Park	5	1	5	1	10	2
		Oregon Caves National Monument	-	-	-	-	-	-
		John Day Fossil Beds National Monument	-	-	-	-	-	-
	Oregon Total	5	1	5	1	10	2	
	Washington	Lake Roosevelt National Recreation Area	-	-	-	-	-	-
		North Cascades National Park	5	-	8	1	13	1
		Olympic National Park	5	1	1	2	6	3
		San Juan Island National Historical Park	-	-	-	-	-	-
		Whitman Mission National Historic Site	-	-	-	-	-	-
		Mount Rainier National Park	-	-	-	-	-	-
Washington Total	10	1	9	3	19	4		
NPS Total		15	2	14	4	29	6	
Grand Total		2,260	140,321	1,430	109,155	3,690	249,476	

NW Dispatch Centers

Table 7: Washington

Government Level	NWCG ID	Unit Name	Organizational Level
Federal	WA-CCC	Columbia Cascade Communications Center	Local
	WA-CAC	Colville Agency Dispatch Center	Local
	WA-CWC	Central Washington Interagency Communication Center	Local
	WA-NEC	Northeast Washington Interagency Communications Center	Local
	WA-PSC	Puget Sound Interagency Coordination Center	Local
	WA-SAC	Spokane Agency Dispatch Center	Local
	WA-YAC	Yakama Agency Dispatch Center	Local
State	WA-WAC	Washington State Headquarters Dispatch Center (Olympia)	State
	WA-NDC	WAS-Northwest Dispatch Center	Local
	WA-OLC	Olympic Region DNR	Local
	WA-PCC	Pacific Cascade Region DNR	Local
	WA-SPC	South Puget Sound Region DNR	Local

Table 8: Oregon

Government Level	NWCG ID	Unit Name	Organizational Level
Federal	OR-NWC	Northwest Interagency Coordination Center	Regional
	OR-BIC	Burns Interagency Communication Center	Local
	OR-BMC	Blue Mountain Interagency Dispatch Center	Local
	OR-COC	Central Oregon Interagency Dispatch Center	Local
	OR-CVC	Coastal Valley Interagency Communication Center	Local
	OR-EIC	Eugene Interagency Communication Center	Local
	OR-JDCC	John Day Interagency Communication Center	Local
	OR-LFC	Lakeview Interagency Fire Center	Local
	OR-RICC	Roseburg Interagency Communication Center	Local
	OR-RVC	Rogue Valley Interagency Communication Center	Local
	OR-VAD	Vale District Dispatch Center	Local
	OR-WSA	Warm Springs Agency Dispatch Center	Local
State	OR-ORC	ODF State Headquarters Dispatch Center (Salem)	State
	OR-50C	Northwest Oregon Area Dispatch Center	Local
	OR-70C	Southern Oregon Area Dispatch Center	Local
	OR-71C	Medford Dispatch Center	Local
	OR-712C	Grants Pass Dispatch Center	Local
	OR-954C	The Dalles Dispatch Center	Local
	OR-72C	Coos Forest Protection Agency	Local
	OR-73C	Douglas Forest Protection Agency	Local
	OR-77C	South Cascade Dispatch Center	Local
	OR-78C	Western Lane Dispatch Center	Local
OR-99C	Walker Range Forest Protection Agency	Local	

NW Federal & State Agency Identifiers

Table 9: Agency Identifiers

Government Level	Department	Acronym	Name
Federal	Interior	BIA	Bureau of Indian Affairs
		BLM	Bureau of Land Management
	Agriculture	FWS	Fish & Wildlife Service
		NPS	National Park Service
		USFS	Forest Service
		ODF	Oregon Department of Forestry
State	--	DNR	Washington Department of Natural Resources
		OFS	Oregon Office of State Fire Marshal
		WFS	Washington Office of State Fire Marshal

NW Local Unit Identifiers

DNR = Department of Natural Resources, NF = National Forest, NHP = National Historic Park, NHS = National Historic Site, NM = National Monument, NP = National Park, NRA = National Recreation Area, NSA = National Scenic Area, NWR = National Wildlife Refuge, ODF = Oregon Department of Forestry

Table 10: Federal

Agency	State-ID	Unit Name	
BIA	OR-UMA	Umatilla Agency	
	OR-WSA	Warm Springs Agency	
	WA-COA	Colville Agency	
	WA-SPA	Spokane Agency	
	WA-YAA	Yakama Agency	
BLM	OR-BUD	Burns District	
	OR-CBD	Coos Bay District	
	OR-EUD	Eugene District	
	OR-KFD	Klamath Falls Resource Area	
	OR-LAD	Lakeview District	
	OR-MED	Medford District	
	OR-PRD	Prineville District	
	OR-ROD	Roseburg District	
	OR-SAD	Salem District	
	OR-VAD	Vale District	
	WA-SPD	Spokane District	
FWS	OR-BVR	Bear Valley NWR	
	OR-HMR	Hart Mountain NWR	
	OR-KLR	Klamath Marsh NWR	
	OR-MAR	Malheur NWR	
	OR-UKR	Upper Klamath NWR	
	OR-SHR	Sheldon-Hart Mountain NWR	
	WA-LPR	Little Pend Oreille NWR	
	WA-MCR	Mid-Columbia NWR Complex	
	WA-NQR	Nisqually NWR	
	WA-RFR	Ridgefield NWR Complex	
	WA-TBR	Turnbull NWR	
	WA-WLR	Washington Maritime NWR	
	WA-WLR	Willapa NWR Complex	

Agency	State-ID	Unit Name
NPS	OR-CLP	Crater Lake NP
	OR-OCP	Oregon Caves NM
	WA-LRP	Lake Roosevelt NRA
	WA-MRP	Mount Rainier NP
	WA-NCP	North Cascades NP
	WA-OLP	Olympic NP
	WA-SJP	San Juan Islands NHP
	WA-WMP	Whitman Mission NHS
USFS	ID-WWF	Hells Canyon NRA
	OR-BFZ	Malheur NF - Burns Fire Zone
	OR-CGF	Columbia River Gorge NSA
	OR-DEF	Deschutes NF
	OR-FWF	Fremont-Winema NF
	OR-MAF	Malheur NF
	OR-MHF	Mt. Hood NF
	OR-OCF	Ochoco NF
	OR-RSF	Rogue River-Siskiyou NF
	OR-SUF	Siuslaw NF
	OR-UMF	Umatilla NF (Oregon)
	OR-UMFH	Heppner District - Umatilla NF
	OR-UPF	Umpqua NF
	OR-WIF	Willamette NF
	OR-WWF	Wallowa-Whitman NF
	WA-COF	Colville NF
	WA-GPF	Gifford Pinchot NF
	WA-MSF	Mt. Baker-Snoqualmie NF
WA-OLF	Olympic NF	
WA-OWF	Okanogan-Wenatchee NF	
WA-UMF	Umatilla NF (Washington)	

NW Local Unit Identifiers

Table 11: State

Agency	State-ID	Unit Name
County & Local	OR-OFS	Oregon Fire Service
	OR-RFPN	Central Oregon Rangeland Protection Association
	OR-SGIN	South Gilliam County Rural Fire Protection District
	OR-WASN	Wasco Fire Department
	WA-WFS	Washington State Fire Marshal's Office
DNR	WA-NES	Northeast Region DNR
	WA-NWS	Northwest Region DNR
	WA-OLS	Olympic Region DNR
	WA-PCS	Pacific Cascade Region DNR
	WA-SES	Southeast Region DNR
	WA-SPS	South Puget Sound Region DNR
	WA-WAS	Washington State Headquarters
ODF	OR-510S	Tillamook District
	OR-520S	Astoria District
	OR-531S	Forest Grove Unit
	OR-532S	Columbia City Unit
	OR-551S	Philomath Unit
	OR-552S	Dallas Unit
	OR-553S	Toledo Unit
	OR-581S	Molalla Unit
	OR-582S	Santiam Unit
	OR-711S	Medford Unit
	OR-712S	Grants Pass Unit
	OR-721S	Coos Unit - Coos FPA
	OR-722S	Bridge Sub-Unit - Coos FPA
	OR-723S	Gold Beach Sub-Unit - Coos FPA
	OR-731S	North Unit - Douglas FPA
	OR-732S	South Unit - Douglas FPA
	OR-733S	Central Unit - Douglas FPA
	OR-771S	East Lane Unit
	OR-772S	Sweet Home Unit
	OR-781S	Western Lane District
	OR-951S	Prineville Unit
	OR-952S	John Day Unit
	OR-954S	The Dalles Unit
	OR-955S	Sisters Unit
	OR-971S	LaGrande District
	OR-972S	Baker Unit
	OR-973S	Pendleton Unit
	OR-974S	Wallowa Unit
	OR-981S	Klamath Unit
	OR-982S	Lake Unit
OR-991S	Walker Range FPA	