

Northwest Annual Fire Report 2018



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

Available electronically at gacc.nifc.gov/nwcc/

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NWCC ACCOMPLISHMENTS

A Review of 2018

Overview

The Northwest Geographic Area “readiness” posture has elevated to Preparedness Level 5, the highest possible status, in four out of the last five years. While this suggests a greater incidence of intense burning conditions, it also indicates a recurring need to deploy and sustain firefighting capability for extended periods of time. Measures once considered as “extraordinary” for augmenting existing capability are becoming more common place; since 2014, active military units were mobilized once, international resources twice, and Oregon and Washington National Guard assets have been mobilized almost annually.

The 2018 Fire Season continued this trend. Preparedness Level 5 was observed for a period of 32 days, about a week less than the previous fire season. Like 2017, Fire Season 2018 saw a prolonged need for crews, equipment and overhead through the months of July, August and well into September:

- NW Type 1 and Type 2 Incident Management Teams mobilized 58 times to 47 separate incidents:
 - 6 NW Type 1 IMT deployments;
 - 32 NW Type 2 IMT deployments;
 - 9 Oregon Department of Forestry deployments IMT; and
 - 11 Oregon State Fire Marshal IMT deployments.
- NW IMTs collectively spent 600 days assigned to incidents.
- Another 14 Out of Area IMTs spent an additional 223 days assigned to NW incidents.
- Type 3 IMTs managed an additional 54 NW incidents.
- The NW Multi-Agency Coordinating Group engaged in active MAC operations for a total of 47 days.
 - A total of 61 MAC decision memos were issued between July 19th and September 17th.
 - Between June 23rd and September 21st, a total of 74 Incident Commander Conference Calls were convened; 46 consecutive calls occurred from August 6th to September 21st.

In terms of numbers of fires and affected acres, Fire Season 2018 was similar to the previous year, if edging slightly larger. The same can generally be said of the applied work effort, though there are trends worth watching:

- ODF IMTs were assigned 53 days in 2018, 22 days more than 2017.
- OSFM IMTs mobilized 11 times in 2018; in at least one case they were the first/only IMT on station. This is a significantly greater number of mobilizations than past years.
- Though fewer total IMT days were observed in 2018, they were also assigned to fewer teams; on average, teams spent three more days assigned per deployment in 2018 than in 2017.

NWCC Staff & Organization

Two staffing changes occurred in 2018:

- Tim Klukas joined the NWCC team as the Predictive Services Fire Management Analyst. He comes to us from the Shoshone NF in Cody, WY;
- Barbara Haney, NWCC GIS Specialist, retired as of December 31, 2018. Her position will be advertised in 2019.

NWCC received new paint and carpet in the fall of 2018. Work stations and meeting areas were modified around the office to refresh work space and to support changing patterns of work.

Organization: Administration

NWCC Center Manager

For the NWCC Center Manager, facilitate, coordinate and communicate were the principal themes for 2018:

- Completed the Predictive Services Phase 2 Task and submitted the final report to the Fire Management Board (FMB) for further action.
- Selected to chair the Predictive Services Oversight Group in service to the FMB, providing guidance and management oversight to the National Predictive Services program.
- Active as a member of the Incident Workforce Development Group (IWDG), following up efforts from Evolving Incident Management to facilitate the succession and sustainability of incident management teams.
- Continue to actively support the Coordinating Group Advisory Council (CGAC) in support of national tasks and policy efforts.
- Coordinated efforts to provide uniform guidance on use of the Distributed Real-Time Infrared (DRTI) aircraft for the Geographic Areas.
- Attended the Incident Commander/Area Commander (ICAC) Meeting to present an overview of MAC operations and logistic planning support to national incident/area commanders.
- 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.
- Facilitated the PNWCG Executive Meeting in the spring of 2018 which established a framework for multi-agency cooperation for the 2018 Fire Season.
- Facilitated the FALT Strategic Steering Group and the Spring FALT Meeting. Transitioned as a member of the Strategic FMO Group and continued to provide active support to the fall FALT Meeting.
- 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 397 media requests, including 34 in person media interviews and over 175 public information calls, were completed through the 2018 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.

- NWCC hosted a pre-season press conference to discuss the fire potential outlook and interagency cooperation for the upcoming fire season. Local and regional media, agency leadership and partners attended the press conference.
- NWCC hosted a press conference with US Senator from Oregon, Ron Wyden at the height of fire season.
- The NWCC Fire Blog remains the centerpiece of our social media strategy. The blog exceeded 150,000 page views during the 2018 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 over 500 new followers.
- Analysis shows use of the main NWCC website decreased by over 1 million page views and had over 500,000 first time visitors.

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

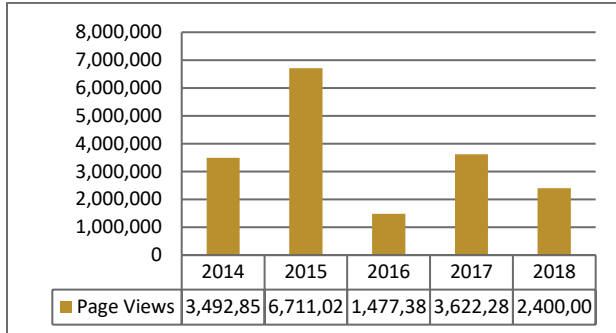
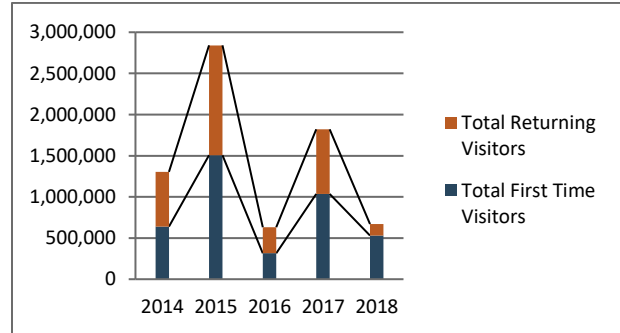


Chart 2: NWCC Web Number of Visitors (Jun - Sep)



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 2018 accomplishments include:

- Responsible for all DRTI (Directional Real-Time Infrared) flight coordination and subsequent interpretation and analysis for the NW. Three IRIN (Infrared Interpreters) detailers worked closely with the flight crews, incident personnel and NICC to ensure the capture of accurate and timely information.
- Responded to critical data and analysis requests from IMTs, non-federal agencies, and regional fire leadership.
- Provided NW interagency GIS data disks to multiple out-of-region IMTs assigned to NW incidents
- Posted NW Aviation Hazards maps to the 'Interagency Fire Operations Maps' FRAMES website
- Continued update and improvement of the NWCC COP (Common Operating Picture) for Google Earth
- Hosted 6 GIS detailers, 1 new to NWCC; 3 IRINS, both new to NWCC
- Continued leadership role in PNWCG GIS/Technology Committee

- Compiled and maintained daily perimeters for approximately 172 individual fires/4 complexes totaling more than 1,300,000 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 several large incident management teams in Washington and Oregon. Services were provided to a variety of partners, customers and stakeholders throughout a lengthy fires 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 at PL5 for over 30 consecutive days.
- Networked with NW MAC leader, MAC staff, Predictive Services meteorologists, incident IMETS and FBANS to understand future meteorological and fire behavior implications.
- Continued updating the NWCC “Situation Page” to provide key briefing and situational awareness to internal customers via the web

Fire Analysis

- Hosted 5 detailers to assist with Fire Analyst duties
- Conducted early season fuels status conference calls to provide regional and local perspectives on fuel conditions throughout the Geographic Area
- Acted as Geographic Area Lead for the National Fuel Moisture Database
- Provided monthly assessments for severity requests July through October
- Validated status of fuels and needs for fuels advisories within 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
- Prompted annual RAWS maintenance to maintain standards
- Worked with units that had RAWS quality control issues observed in WIMS to ensure Predictive Service Area indices were accurate.
- Coordinated with local units and the National Weather Service to find and fix problem weather observations.
- Coordinated with meteorologists to produce off season indices tracking with existing data and programs to evaluate rare events with potential for prescribed fire escapes or wind events likely to cause large fire problems.
- Continued to improve the Fire Analyst Desk Guide for detailers with updates in data management processes.
- Attended National Coordination Center meeting and evaluated framework of the proposed Predictive Services Oversight Group presented by the National Fire Management Board.

Intelligence

- Hosted 9 detailers in the Intelligence Section
 - 4 were from out of the GACC
 - 6 were new to the intel support role
 - 2 filled multiple assignments throughout the summer
- Refined the intelligence section web products, including the addition of *NW Large Incident* and *Preparedness Level Reports*, as well as links to national intelligence products.
- Continued to provide guidance, support and troubleshooting for the following:
 - ICS-209 reporting for over 100 large fires
 - Sit Reporting: Coordination among 30 tier-3 & 4 dispatch offices for daily and year-to-date reporting of area fire statistics
 - Cognos Query Studio reports
 - Hosted SIT-209 training workshops
- Processed over 30 fire statistical requests from multiple agencies and stakeholders.

Meteorology

The busy 2018 fire season was challenging for the meteorology section of NWCC Predictive Services, but with both meteorologist positions filled, staffing issues of the previous two years were largely relieved. Only one detailer was needed to help the meteorology season this year. Another season with high fire workload required frequent consultation and briefings from the meteorologists for the MAC, visiting dignitaries, media and the NWCC staff.

Specific and General Accomplishments

- Added Eric Wise as a full time meteorologist from BIA; trained on processes and procedures
- Hosted detailer Steve Marien (NPS) in the meteorology section in late July
- Contributed to pre-season coordination meetings and familiarization with supporting National Weather Service (NWS) offices in the region and with Incident Management Teams
- Conducted daily coordination calls with 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
- Taught M-581 class in central Oregon
- Integrated redundant data sources to minimize risks to daily production from missing input data
- Enhanced Fuels/Fire Danger website graphics to provide users with better contextual understanding of current and forecasted conditions
- Assisted with investigations for a declared wildfire and multiple vehicle accidents related to prescribed fire smoke-reduced highway visibility
- Contributed to the publication of NW Mobilization Guide

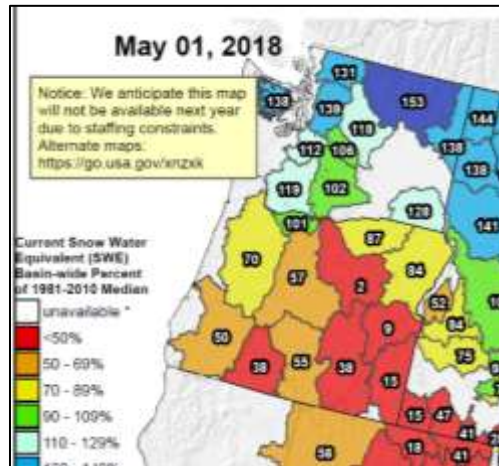
Organization: Operations

The NWCC Operations Section continues to ensure coordination of safe and efficient resource mobilization and provides incident support. More than 40,000 resource orders were processed through NWCC during the 2018 fire season; mobilizing overhead, crews, equipment and aircraft on fires and all-hazard incidents in the Northwest and Nationally. NWCC Operations recruited the assistance of 48 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. 2018 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
- Provided subject matter expertise to FACT team for spring meeting with contract vendors
- Maintained consistent communications with agency Duty Officers
- Coordinated administrative flights for regional and national leaders
- Provided logistical support for 98 detailers (150 assignments) in the Coordination Center

FIRE SEASON OVERVIEW

The late winter and early spring of 2018 provided near normal temperature for the geographic area and precipitation for the northwest geographic area. By May 1st, rain and snow accumulation was near or above average in Washington and below average for Oregon. Snowpack as of May 1st is depicted in the graphic below. Totals are above average in Washington and well below normal for Oregon.



Seasonal Fire Danger Trends Summary

Region wide average thousand hour fuel moisture equaled record lows at several points in July and August of 2018. Average energy release component (ERC) equaled or exceeded record high values at several points during July and August of 2018.

Chart 3: 2018 Northwest 1000hr Fuel Moisture Trend



Chart 4: 2018 Northwest ERC Trend



Fire Season Temperature Ranking for the Northwest Geographic Area

Washington and Oregon average temperatures for fire season 2018 (June, July, August) were above average of the fire season temperatures going back to 1950, although not as warm as 2015 or 2017. Since about year 2000 there's been a preponderance of warmer-than-typical average temperature over Oregon and Washington during fire season. See graphics below.

-Source National Climatic Data Center nClimDiv

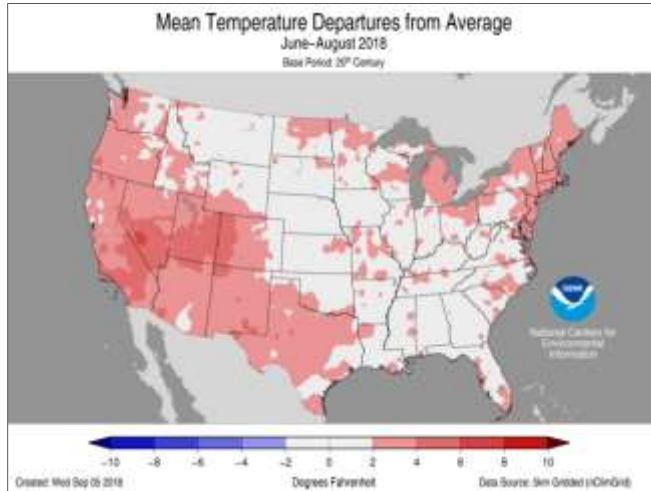
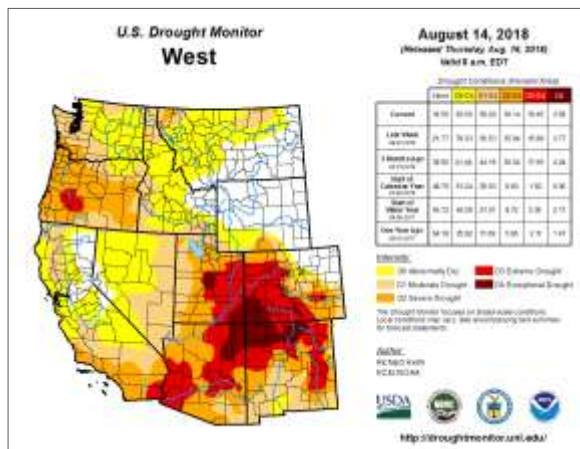
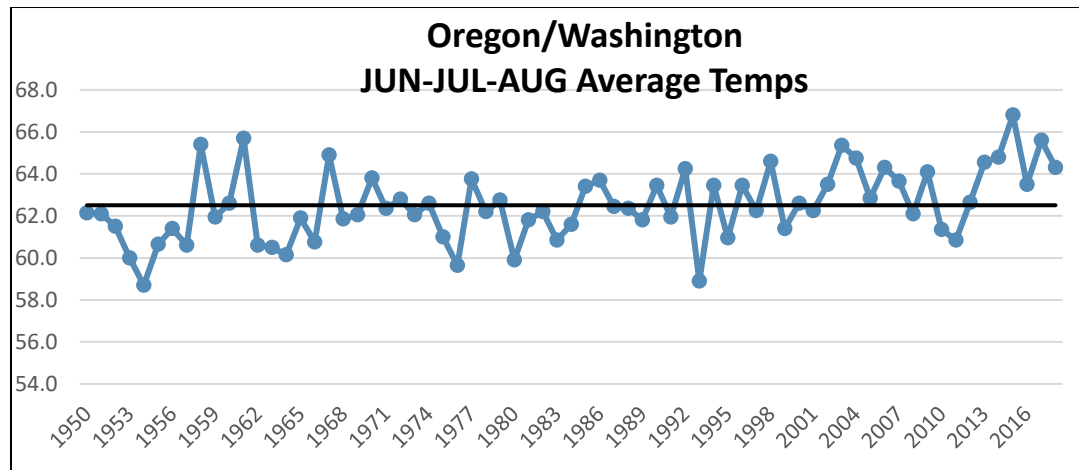


Chart 5: Northwest Average Temperatures (June-August)



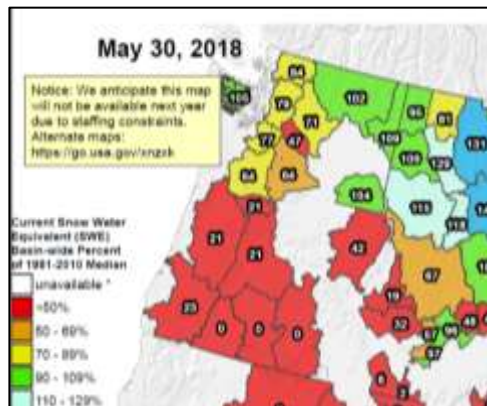
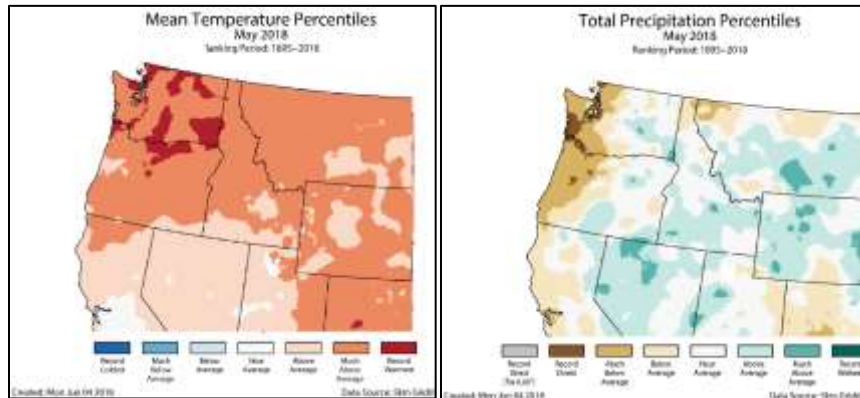
By mid-August, just about the entire western United States was under varying degrees of drought severity.

Fire Season Monthly Review

May

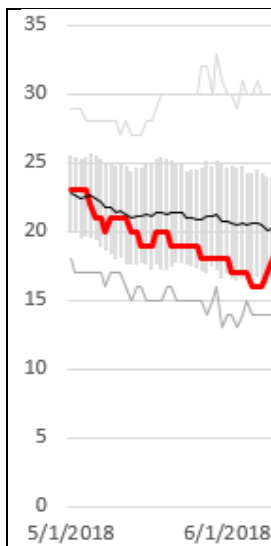
Weather Trends

The weather warmed up considerably in May. Temperatures were well above normal for the majority of the geographic area and at record values for May for some areas. Precipitation was well below average west of the Cascades, at record low values for some reporting zones.

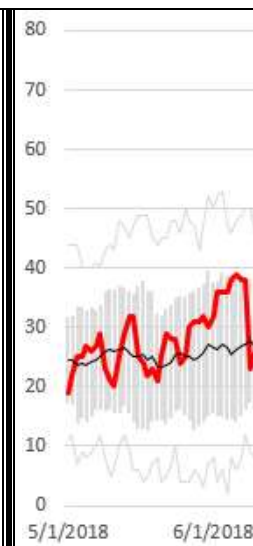


By the end of May, the accumulated warmth and dryness had diminished snowpack considerably over the region, particularly over Oregon. Fire Season 2018 began unusually dry over the region.

May Fire Danger Trends



National Fire Danger Rating System **thousand hour dead fuel moisture** values fell steadily in May 2018 to below-typical values for the region by the end of the month due to the cumulative effect of warm, dry weather.

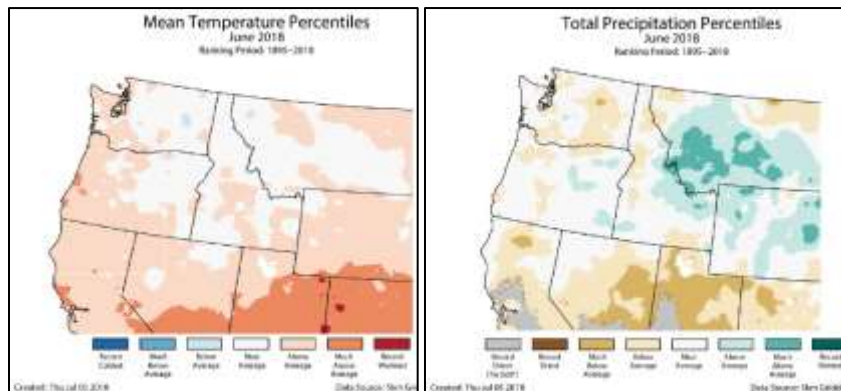


National Fire Danger Rating System **Energy Release Component (ERC)** for fuel model G for all 72 key RAWS in the region varied through much of May but surged above average with the completion of greenup and the unusually warm weather

June

Weather Trends

After a warm and dry May, cooler weather returned in the first week of June and then varied for the remainder of the month, generally climbing. Overall, the month was just a bit warmer than average for sections of Oregon and near average for Washington. Light precipitation was periodic and varied around the region with generally a bit above average by the end of the month in eastern Oregon and a bit below average in eastern Washington. Temperatures in June warmed up a bit above average for much of region west of the Cascades but remained near average elsewhere.

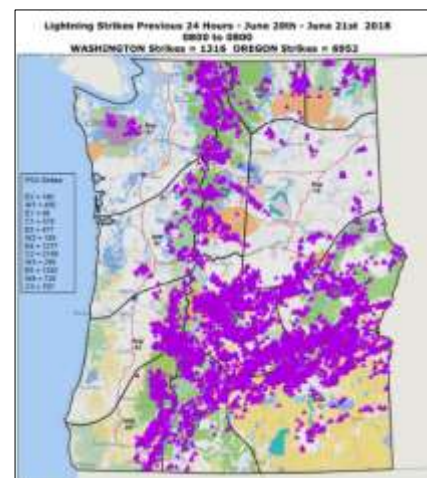


June Lightning

The total number of lightning strikes for the region in June was 17,368, which was 6% above average for the month (lightning records going back to 2000).

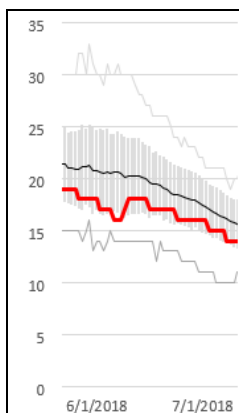
The biggest lightning day was June 20th with 8,273 strikes, of those 6,952 of them were across Oregon. June 20th was also the biggest lightning day of the 2018 fire season by far.

A cluster of fire ignitions occurred on June 20th-21st due to the concentrated lightning. Several large fires occurred in central Oregon and Washington in the aftermath.

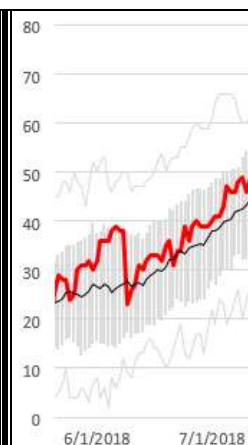


June 20th Lightning Strikes

June Fire Danger Trends



National Fire Danger Rating System **thousand hour dead fuel moisture** rose briefly in mid-June but then fell steadily for the remainder of the month. Thousand hour fuels were below average for the entire month.

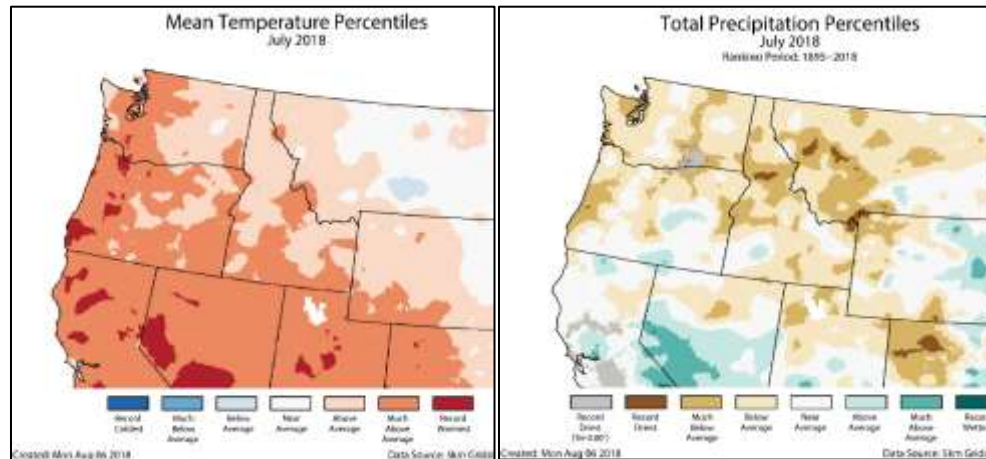


National Fire Danger Rating System **Energy Release Component (ERC)** for fuel model G for all 72 key RAWS in the region rose in early June then fell back to near normal with the onset of wetter weather. ERC rose at a normal rate thereafter.

July

Weather Trends

July warmed up and dried out considerably across the Northwest Geographic Area, particularly west of the Cascades. Temperatures were well above average across the entire geographic area, hitting monthly records for July in isolated sections western Oregon, especially southwest Oregon. Rainfall was generally less than average with a few exceptions over eastern Oregon and higher elevations of the Cascades.

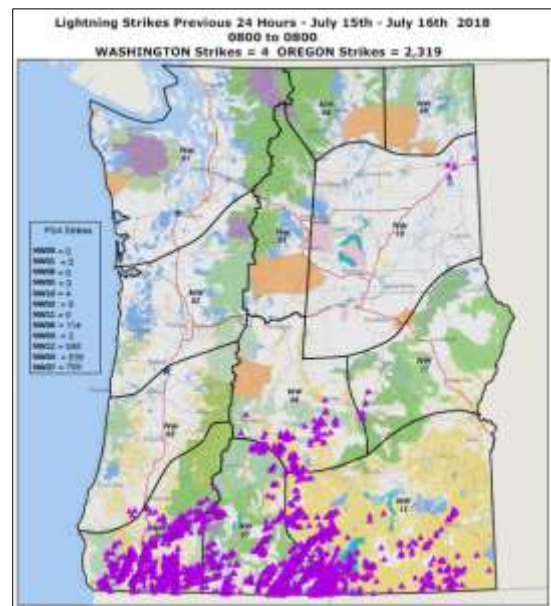


July Lightning

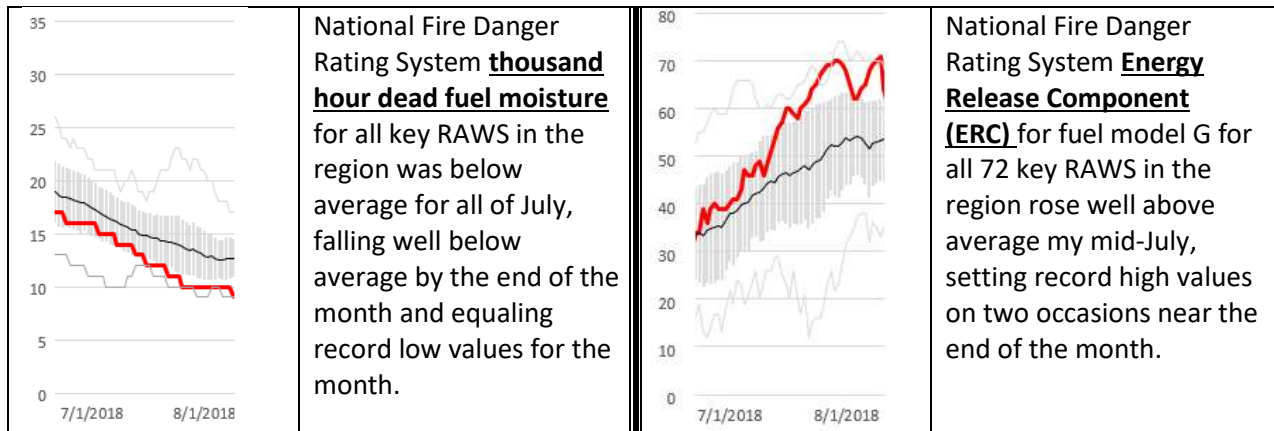
Lightning for July 2018 was well below average with 4,944 strikes across the region recorded by NWCC. This was roughly 20% of the normal total of 25,091 strikes for the month. The low total for July of 2018 continues the trend of lower-than-typical lightning strikes observed in July 2016, 2017 and 2018. The greatest daily count of strikes occurred on July 15th with 2,216 strikes, mainly across southern Oregon.

The lightning strikes of July 15th resulted in a spike of roughly 200 fire starts being discovered over the following two days. A number of these grew into project fires requiring multiple incident management team deployments to southern Oregon.

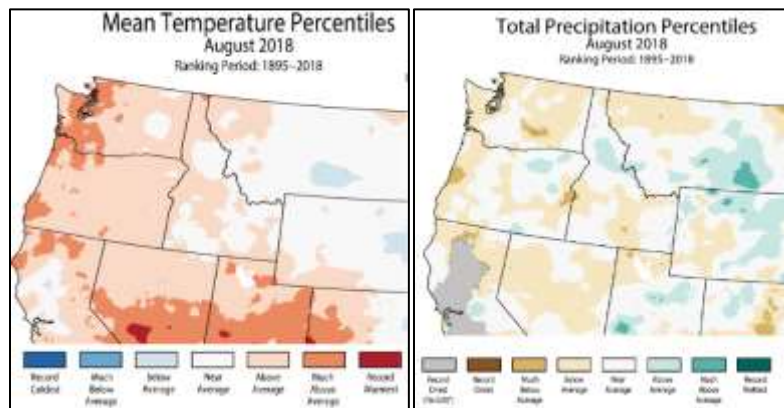
While the lightning strike count for July of 2018 was historically small, the month still proved a significant fire contributor event for Oregon due to the number of new fire starts and resulting large fire activity mainly in PSA NW04.



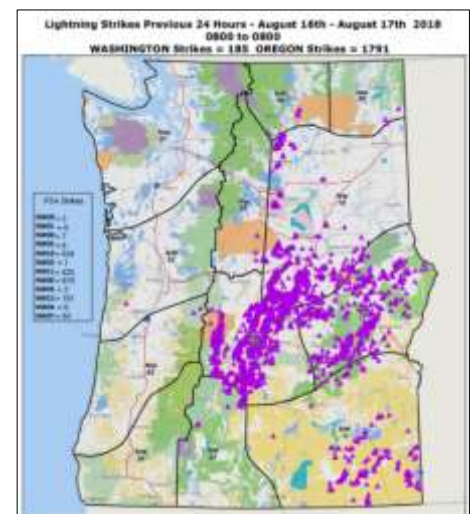
July 15-16th Lightning Strikes

July Fire Danger Trends**August****Weather Trends**

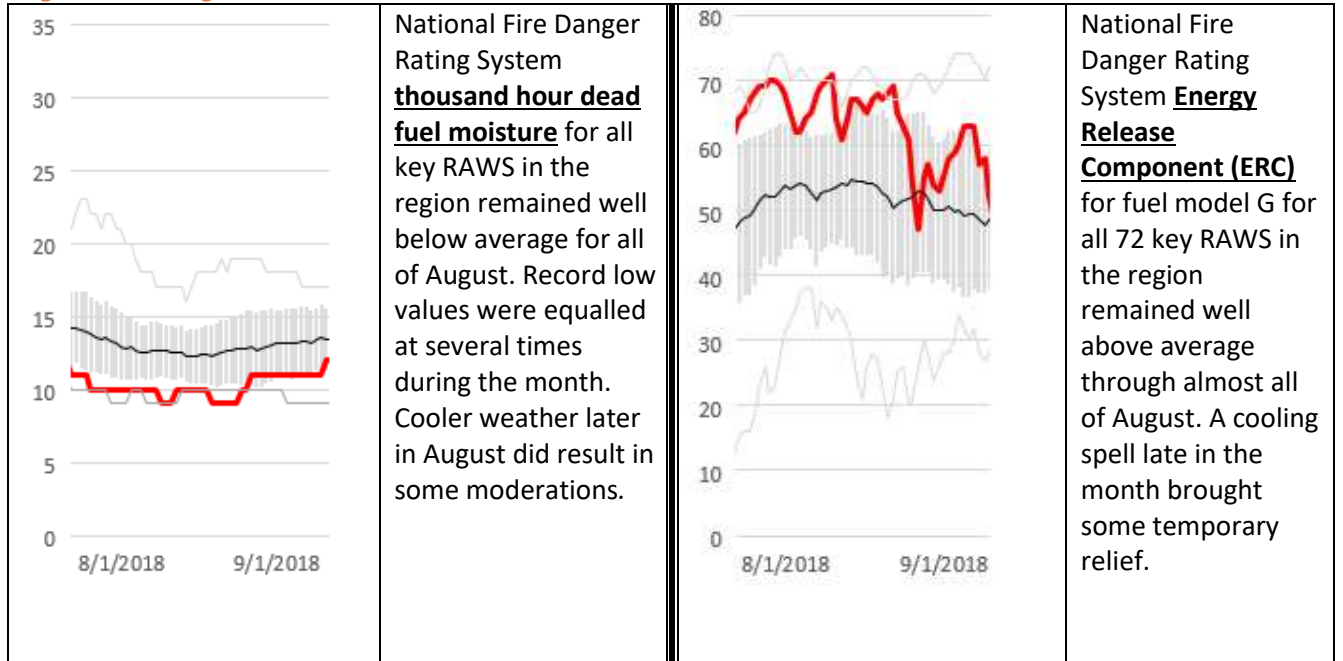
August continued the pattern of warmer-than-typical temperature across the geographic area, particularly west of the Cascades where temperature was well above average in a number of spots. Although not as generally dry as July, August rainfall was still generally less than average with a few exceptions over eastern Oregon and higher elevations of the Cascades.

**August Lightning**

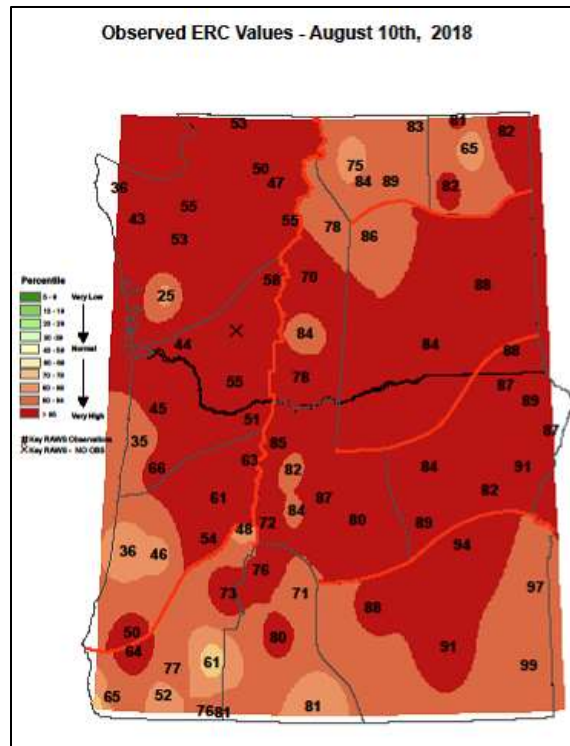
Like July, the lightning strike count for August of 2018 was well below average with 3,669 strikes across the region. This was roughly 18% of the normal total of 20,786 strikes for the month (records back to 2000). The greatest daily count of August strikes occurred on the 16th with 1,979 strikes, mainly across central and eastern Oregon. August strike counts have been below normal from 2015 through 2018. The lightning strikes of August 16th resulted in roughly 130 fire starts being discovered on the 16th, 17th and 18th. Over a dozen of these grew into project fires requiring multiple Incident Management Team deployments mainly to central and northeastern Oregon. This activity included Type 2, 3 and 4 IMTs.

**August 16-17th Lightning Strikes**

August Fire Danger Trends



The image below depicts Energy Release Component values for August 10th 2018, the day of the highest average ERC across the region in fire season.

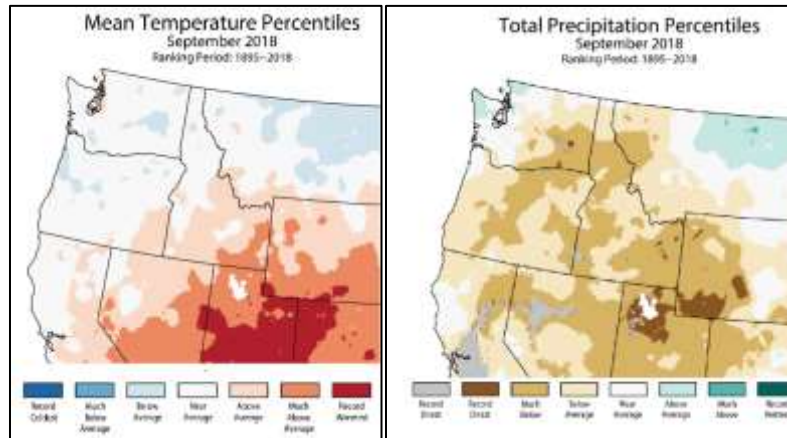


Klondike Fire – August 10th
(OR-RSF)

September

Weather Trends

After a warm start, the weather varied in September but generally cooled back to near normal values for the month as a whole. Rainfall was recorded mainly in western Washington and northwest Oregon between September 10th and 17th. This pushed the monthly rainfall totals to average or above average for those areas. September was quite dry over central Oregon and central Washington, however, the remainder of the geographic area totaled less than normal precipitation for September.

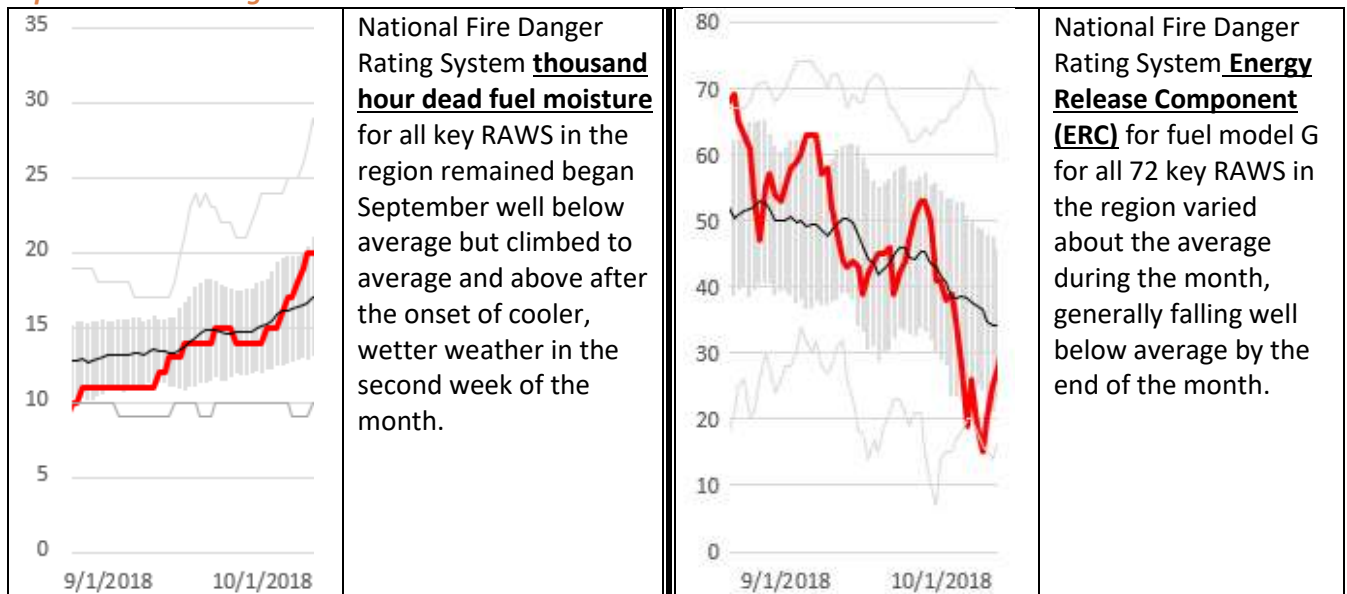


September Lightning

Like July and August, the lightning strike count for September of 2018 was well below average with 802 strikes recorded in the region during the month. This was only 10% of the normal total of 8268 strikes for the month (records back to 2000). This continues the trend of September strike counts having been below normal since 2013. The greatest daily count of August strikes occurred on the 7th with 231 strikes, mainly across central Washington.

The lightning strikes of September 7th resulted in roughly 50 new fire starts being discovered on the 7th, 8th, and 9th.

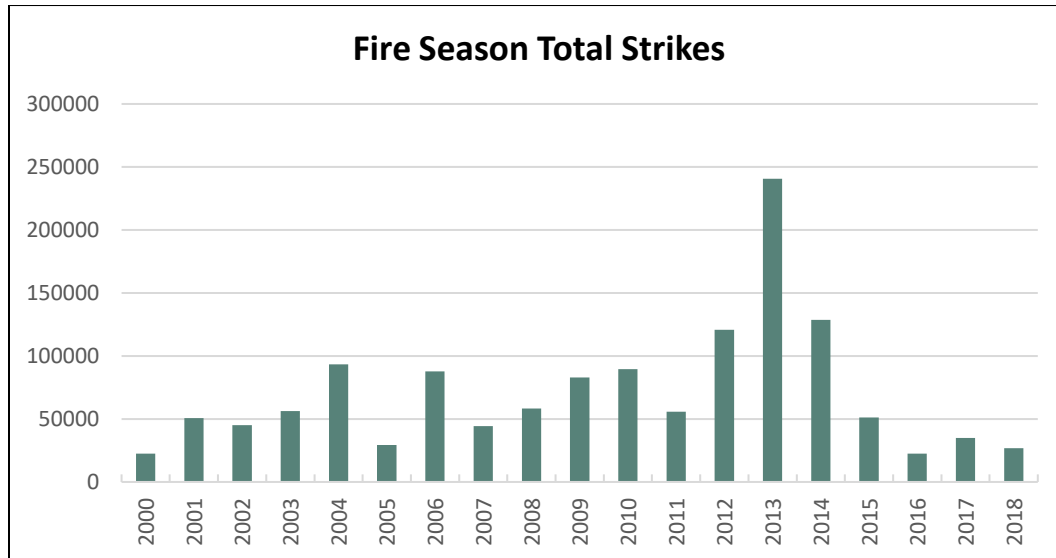
September Fire Danger Trends



NW Lightning Summary

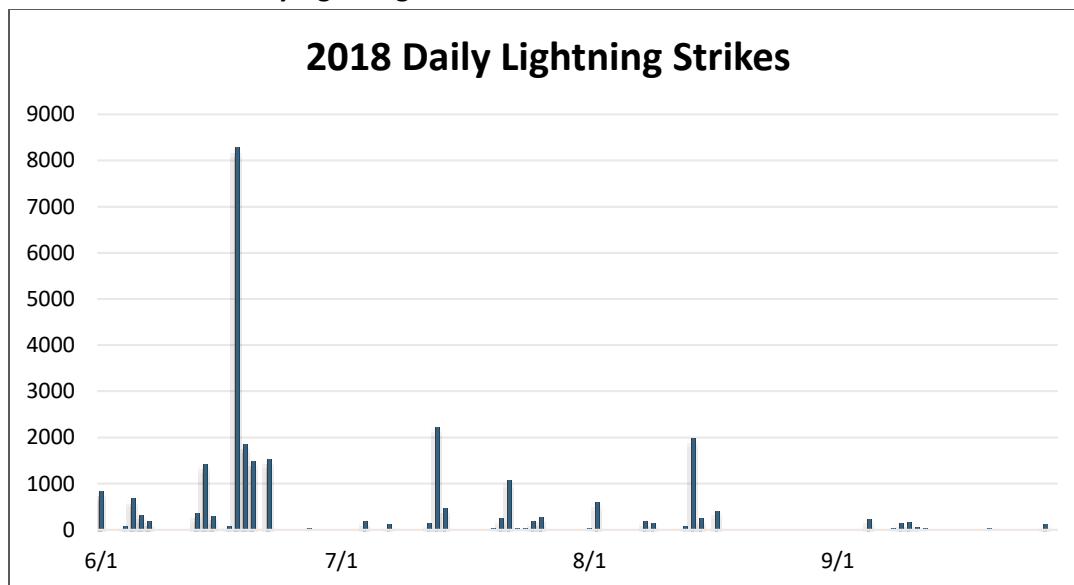
The total number of lightning strikes for fire season counted by NWCC Predictive Services was **26,783** which was only 38% of the normal since 2000 (70,584). The median number of seasonal strikes is 55,672.

Chart 6: NW Lightning Total Strikes



Though the strike count was less than typical, acreage burned from large fires resulting from lightning strikes well above average going back to 1992. As is often the case during busy fire seasons, lightning strikes in 2018 tended to occur during extended periods of high fire danger with little moisture to alleviate fire danger.

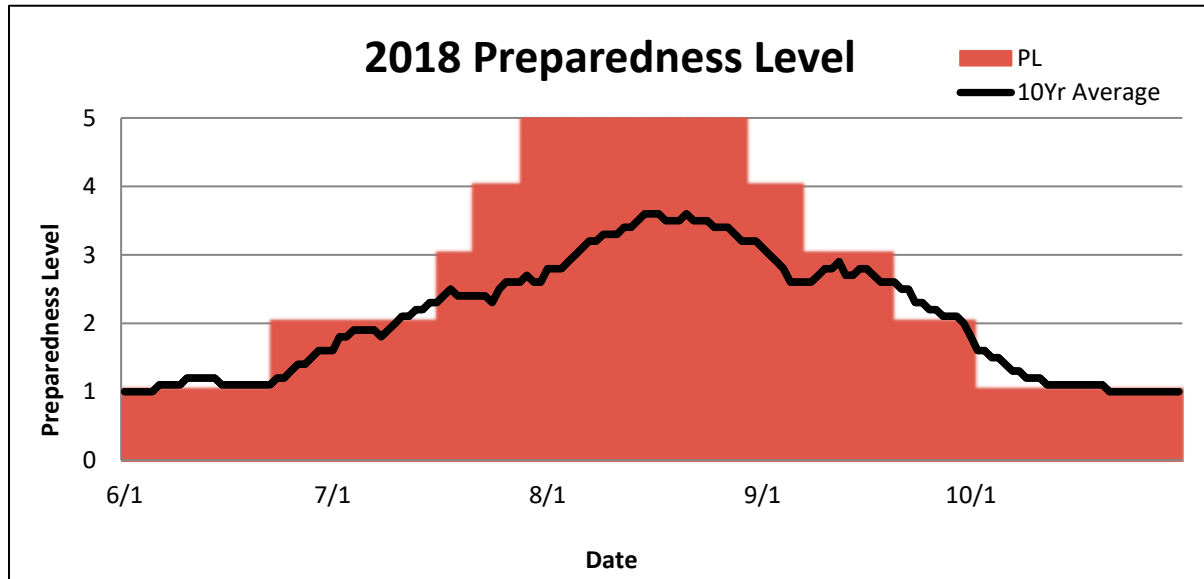
Chart 7: 2018 NW Daily Lightning Strikes



NW Preparedness Review

The first change to the Northwest Preparedness Level (PL) occurred on June 22nd, from PL 1 to 2. The NW remained at PL 2 for a brief time, then due to the increase in fire activity and resource commitment, increased in short order from PL 3 on July 17th, to PL 4 on July 22nd, then PL 5 on July 29th where it remained until August 30th. The NW spent 32 days in PL 5, just eight days shorter than the previous year (2017) PL 5 duration. Overall, the Preparedness Level changes aligned closely with the historical changes in the Northwest.

Chart 8: 2018 Preparedness Level vs. 10-Year Average (June 1 – Oct. 31)



*Rattlesnake Fire – July 12th
(WA-COA)*



*Terwilliger Fire – August 23rd
(OR-WIF)*

FIRE STATISTICS & MAPS

Data in this section comes from the Interagency Situation Report (SIT Report), as reported by NW dispatch offices as of 12/31/2018. 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.

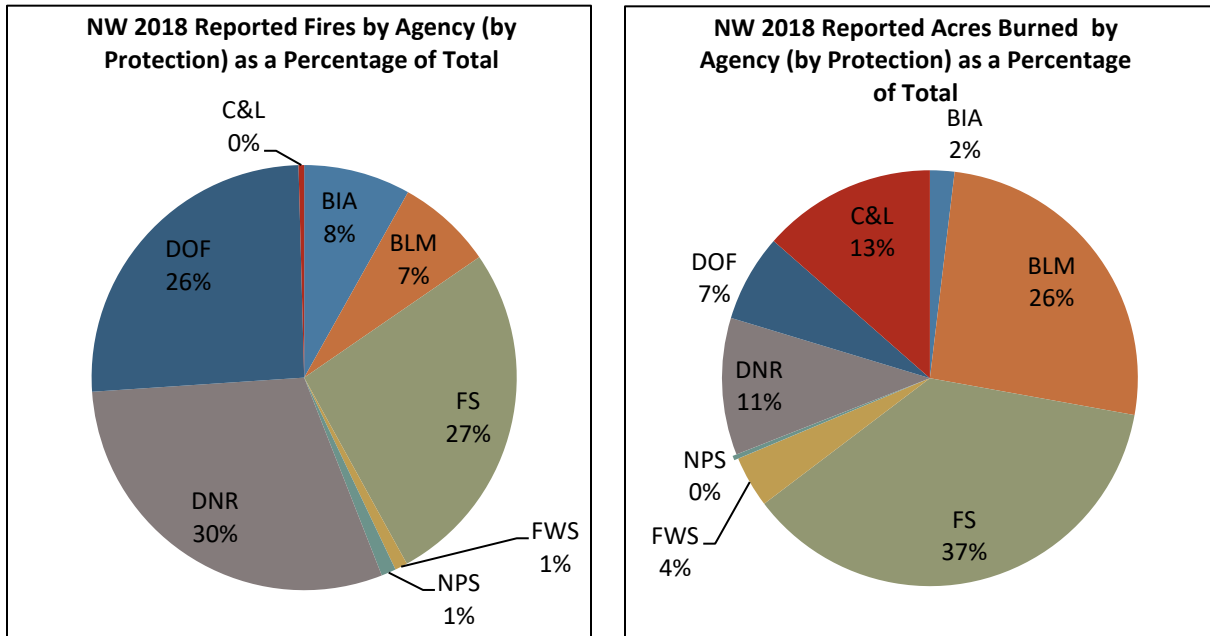
2018 NW Fires & Acres

The table below represents the 2018 fire summary by Agency and State. Similar to the previous year, in 2018 the total number of fire occurrences in the Northwest reached near the 10-Year average mark, whereas the total acres burned far exceeded the 10 year average mark by 174%. For the full Year-end Situation Report by individual Units refer to *Appendix, NW Situation Report*.

Table 1: 2018 NW Fires & Acres by State & Agency (by Protecting Agency)

State	Agency	Human		Lightning		Total	
		Fires	Acres	Fires	Acres	Fires	Acres
Idaho	FS			1	0	1	0
Idaho Total				1	0	1	0
Oregon	BIA	76	1,245	16	8,504	92	9,749
	BLM	108	123,856	103	133,701	211	257,557
	C&L	6	78,430	10	102,340	16	180,770
	DOF	742	48,165	223	42,503	965	90,668
	FS	392	75,528	316	275,857	708	351,385
	FWS	2	2,303	6	1,504	8	3,807
	NPS	4	193	15	3,133	19	3,326
Oregon Total		1,330	329,720	689	567,542	2,019	897,263
Washington	BIA	194	9,708	20	5,926	214	15,634
	BLM	56	87,272	7	1,723	63	88,995
	DNR	1,033	142,286	92	82	1,125	142,368
	FS	141	3,989	150	136,864	291	140,853
	FWS	26	36,598	2	13,011	28	49,609
	NPS	7	5	16	1,370	23	1,375
Washington Total		1,457	279,858	287	158,976	1,744	438,834
Grand Total		2,787	609,578	977	726,518	3,764	1,336,096

Charts 9/10: NW 2018 Reported Fires & Acres by Agency as a Percentage of the Total



Current & Historical Fires & Acres (Oregon & Washington)

Chart 11: NW 2018 Reported Fires vs. 10-Year Average

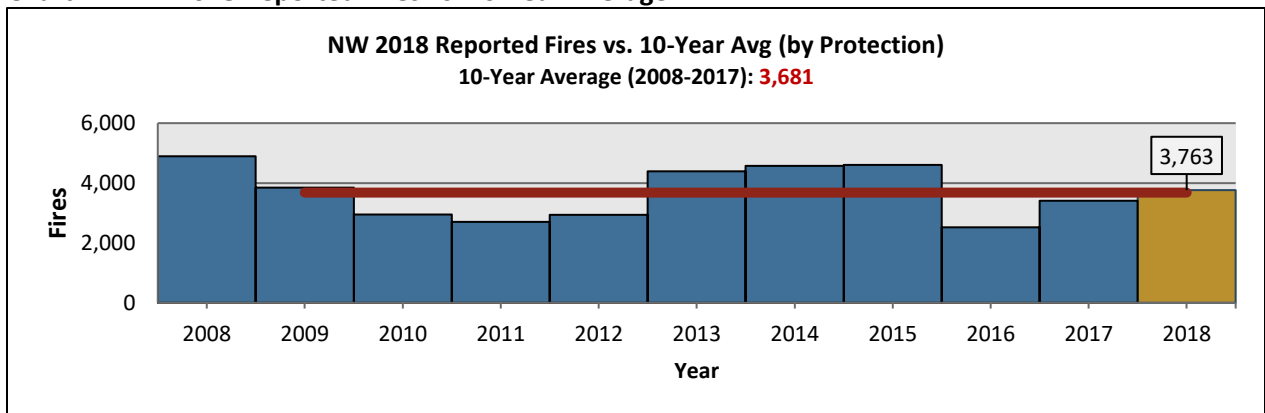


Chart 12: NW 2018 Reported Acres Burned vs. 10-Year Average

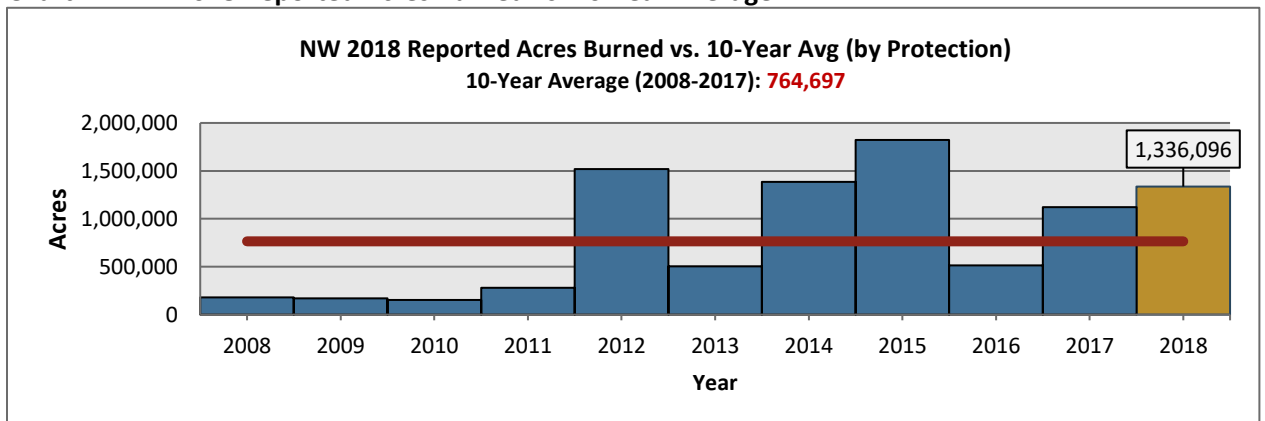


Chart 13: Oregon 2018 Reported Fires vs. 10-Year Average

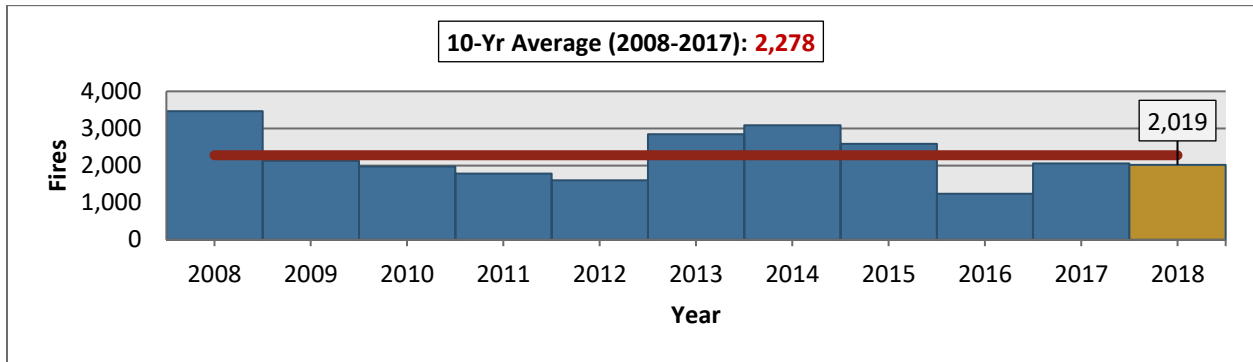


Chart 14: Oregon 2018 Reported Acres Burned vs. 10-year Average

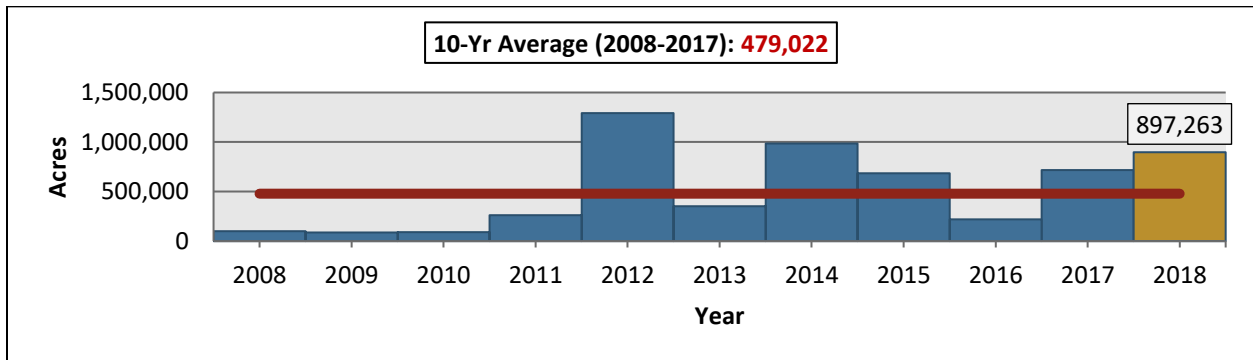


Chart 15: Washington 2018 Reported Fires vs. 10-Year Average

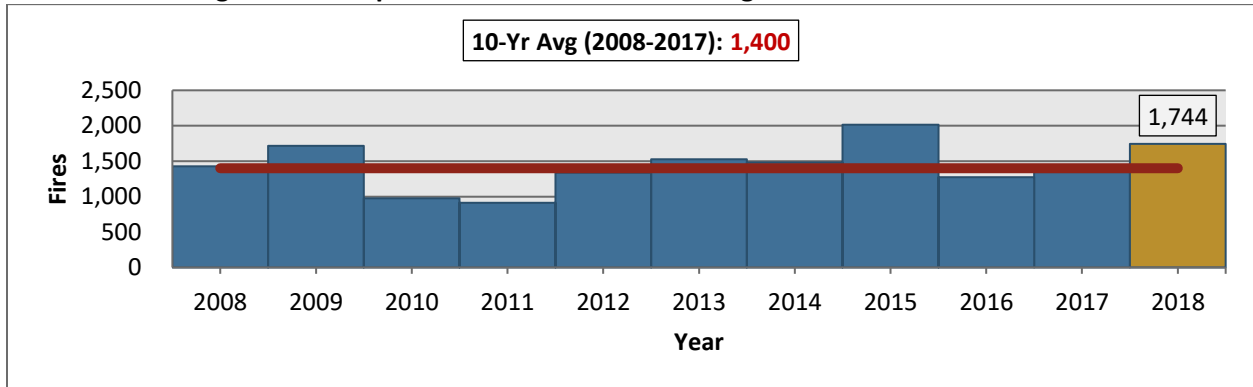
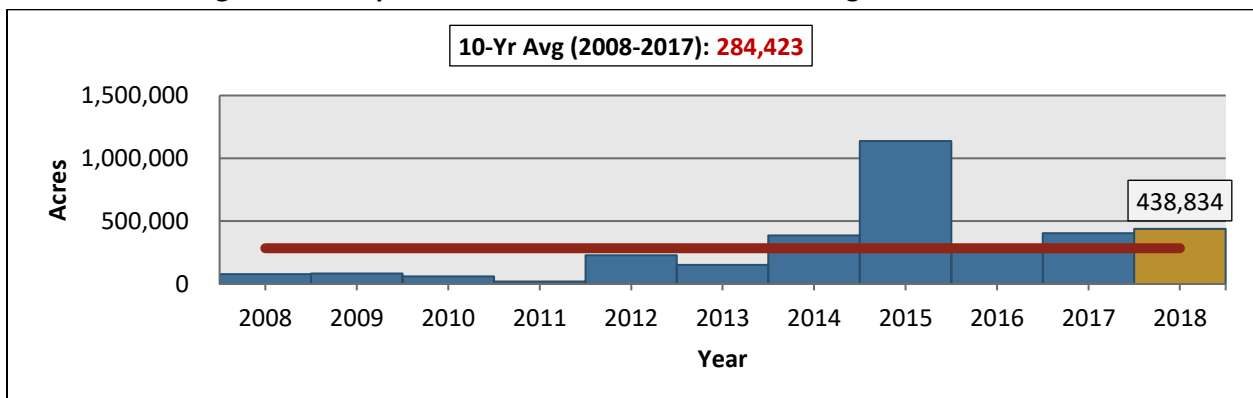


Chart 16: Washington 2018 Reported Acres Burned vs. 10-Year Average



Fires & Acres by Cause

The 2018 fire season saw a significant higher percentage of human caused fires to lightning caused, with more of an equal ratio of acres burned by cause. Whereas historically the percentage ratio is generally equal of human vs lightning caused fires, while the acres burned reflects a higher percentage of lightning acres to human acres.

Chart 17: NW 2018 Reported Fires & Cause (by Protecting Agency)

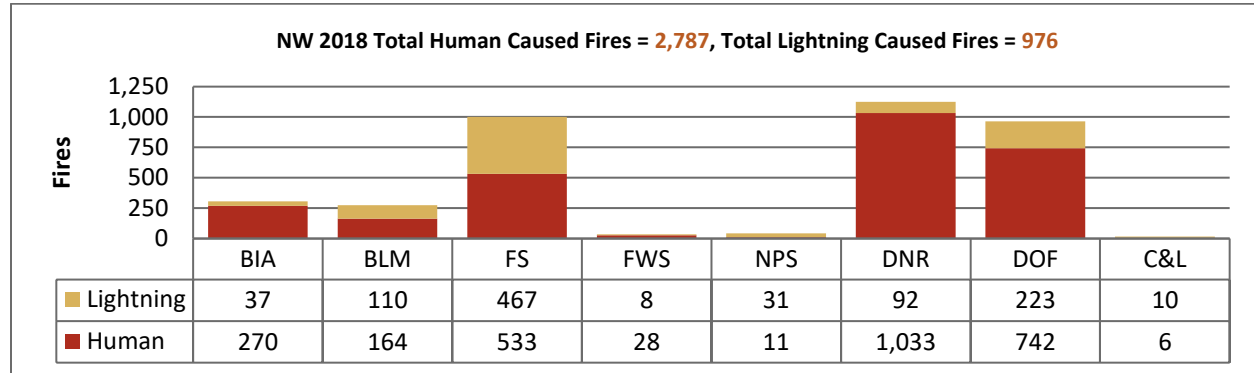
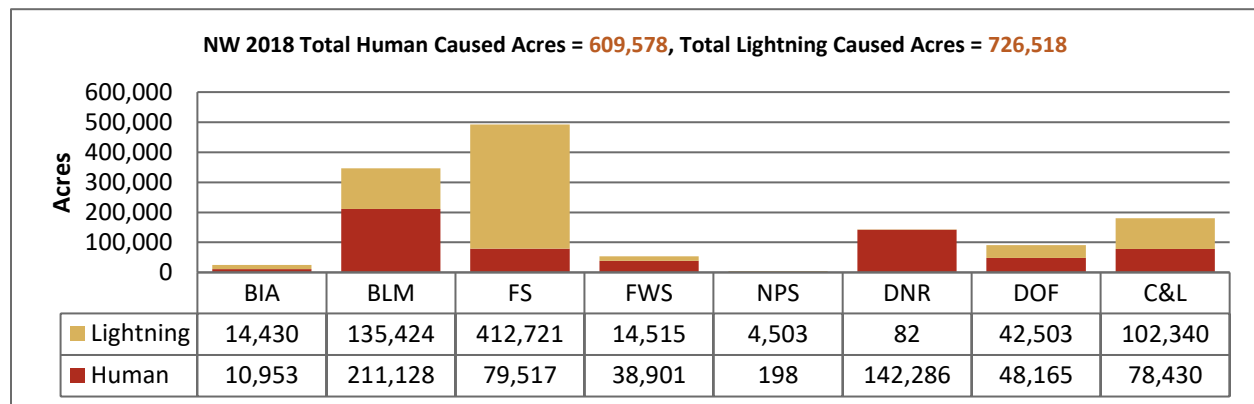
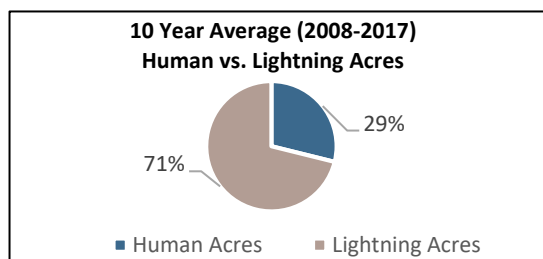
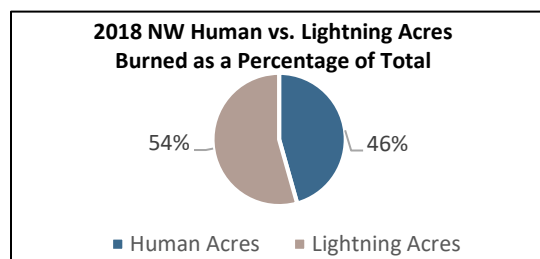
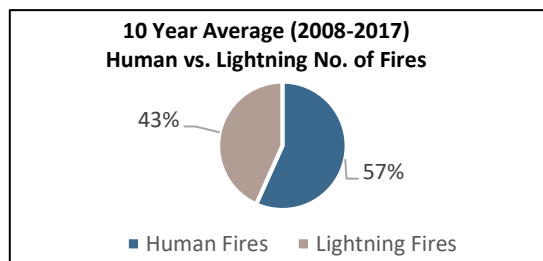
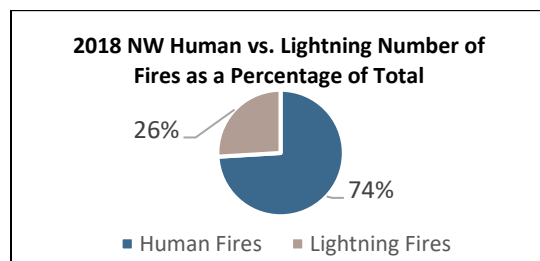


Chart 18: NW 2018 Reported Acres Burned & Cause (by Protecting Agency)



Charts 19/20: NW 2018 Reported vs 10 Yr. Average Fires & Acres by Cause



NW 2018 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. Large fires are denoted by (*) 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	Voltage*	OR-MAR	4/27	6/4	3	L	G	1,502	12	1 mi N of Malheur NWR HQ
	Hammer*	OR-OCF	6/13	6/16	4	H	T	125	6	22 mi SE of Prineville, OR
	Jackies Butte*	OR-VAD	6/15	6/18	4	L	G	2,230	12	25 mi S of Rome, OR
	Whiskey*	OR-WSA	6/21	7/11	3	L	G	898	6	1 mi N of Charley Canyon
	Graham 0420 OD*	OR-955S	6/21	6/27	1	L	G	2,175	6	15 mi N of Sisters, OR
	Boxcar 0410 RN*	OR-PRD	6/21	7/12	2	L	B	100,207	6	1 mi SE of Maupin, OR
	Jack Knife*	OR-PRD	6/22	7/25	2	L	B	15,676	6	11 mi SE of Grass Valley, OR
	Lime Hill 2*	OR-VAD	6/30	7/2	3	H	B	360	11	Lime Hill, OR
	Lobster Creek*	OR-723S	7/1	7/7	1	U	T	397	4	10 mi E of Gold Beach, OR
	Mecca*	OR-WSA	7/2	8/28	3	U	G	717	6	1 mi E of Warm Springs, OR
	Telephone Hill*	OR-BUD	7/4	7/6	3	H	G	1,212	12	10 mi N of Fields, OR
	Solitude*	OR-PRD	7/8	7/15	3	H	B	708	6	5 mi W of Spray, OR
	Currey Canyon*	OR-VAD	7/14	7/14	3	U	G	3,100	12	1 mi NE of Juntura, OR
	Round Top*	OR-RSF	7/15	8/15	1	L	T	154	4	8 mi NW of Prospect, OR
	Wagner Complex*	OR-ODF	7/15	7/26	3	L	T	250	4	Jackson County
	Hendrix*	OR-RSF	7/15	9/13	2	L	T	1,082	4	9 mi SW of Ashland, OR
	Timber Crater 6*	OR-CLP	7/15	8/14	2	L	T	3,126	7	20 mi SW of Chemult, OR
	Snow Shoe*	OR-UPF	7/15	8/15	1	L	T	3,816	4	6 mi NW of Trail, OR
	Garner Complex*	OR-712S	7/15	8/8	1	L	T	8,886	4	17 mi NE of Grants Pass, OR
	South Umpqua Complex*	OR-UPF	7/15	8/6	1	L	T	28,723	4	North and East of Tiller, OR
	Natchez*	OR-RSF	7/15	10/29	1	L	T	38,134	4	15 mi SE of Cave Junction, OR
	Taylor Creek*	OR-MED	7/15	10/11	1	L	T	52,839	4	10 Mi W of Grants Pass, OR
	Klondike*	OR-RSF	7/15	11/28	1	L	T	175,258	4	9 mi NW of Selma, OR
	Union*	OR-RSF	7/16	7/26	1	L	T	106	4	10 mi NE of Prospect, OR
	Ben Lane*	OR-WSA	7/16	7/18	5	H	G	312	6	Jefferson County
	Goodview*	OR-RSF	7/16	8/3	2	L	T	622	4	10 mi NW of Prospect, OR
	Cemetery 0701 RS*	OR-PRD	7/16	8/3	2	L	T	1,414	6	32 mi ESE of Prineville, OR
	Sugar Pine*	OR-RSF	7/16	8/6	1	L	T	8,729	4	12 mi NW of Prospect, OR
	Miles/Columbus*	OR-UPF	7/16	10/28	1	L	T	54,334	4	5 mi NE of trail, OR
	Substation*	OR-SGIN	7/17	8/3	1	H	G	78,424	6	2 mi W of Moro, OR
	116 Wilson Prairie*	OR-952S	7/23	7/31	2	H	T	405	11	15 mi NE OF Spray, OR
	Rail Canyon*	OR-VAD	7/24	7/25	3	L	G	408	12	20 mi E of Rome State Airport, OR
	Big Grassy*	OR-VAD	7/24	7/25	3	L	B	5,313	12	20 mi E of Rome State Airport, OR
	Pole Creek*	OR-VAD	7/26	8/27	3	L	G	823	12	60 mi SW of Murphy, ID
	Long Hollow*	OR-PRD	7/26	8/6	2	H	G	33,451	6	5 Mi S of Dufur OR
	0809 RN*	OR-PRD	7/27	7/28	5	H	G	1,455	10	Interstate 84 milepost 144
	Timber Crater 10*	OR-CLP	7/28	8/9	2	H	T	193	7	21 mi SW Chemult, OR
	South Valley Road*	OR-954S	8/1	8/9	1	H	G	20,026	6	7 mi SW of Dufer OR
	Twin Springs*	OR-VAD	8/7	8/7	4	U	G	304	12	25 mi S of Vale, OR
	0905 RN*	OR-PRD	8/9	8/14	4	H	G	518	6	17 mi S of Madras, OR
	Memaloose #2*	OR-954S	8/10	8/17	2	H	G	175	6	3 mi E of Mosier, OR
	Little Rail*	OR-973S	8/10	8/23	4	L	G	1,000	10	13 mi E of Pilot Rock, OR
	Porcupine II 0927 RN*	OR-PRD	8/11	8/19	3	H	B	486	6	9 mi E of Clarno, OR
	Watson Creek*	OR-FWF	8/15	10/10	2	H	T	59,061	7	13 mi W of Paisley, OR

FIRE STATISTICS & MAPS | NW 2018 Incident Summary

Management Strategy	Incident Name	Incident Unit ID [†]	Start Date	Contain Date	IMT ^{††}	Cause ^{†††}	Fuel ^{††††}	Acreage	PSA	Location
Full Suppression	Coyote Creek*	OR-VAD	8/16	8/18	4	L	B	598	12	15 mi S of Jordan Valley, OR
	Eli Creek*	OR-973S	8/16	8/18	3	L	G	3,421	10	12 mi SSW of Pilot Rock, OR
	Kinzua Complex*	OR-952S	8/17	8/28	3	U	T	619	6	10 mi radius of Fossil, OR
	Sorefoot*	OR-PRD	8/17	8/19	4	L	B	800	6	6 mi NW of Clarno, OR
	Milepost 6*	OR-OCF	8/17	8/22	4	H	B	1,500	6	6 mi S of Madras, OR
	Lonerock*	OR-SIGN	8/17	9/20	2	L	G	5,056	10	12 mi E of Condon, OR
	Jennies Peak 1039 RN*	OR-RFPN	8/17	9/20	2	L	B	45,537	6	14 mi S of Fossil, OR
	Stubblefield*	OR-PRI	8/17	9/20	2	L	G	51,727	6	7 mi NW of Condon, OR
	Skyline*	OR-VAD	8/20	8/25	3	L	B	469	12	15 mi S of Ironside, OR
	187 Gilman*	OR-UMF	8/20	8/24	3	L	G	950	11	12 mi NE of Monument, OR
	Ramsey Canyon*	OR-711S	8/22	9/12	1	H	T	1,971	4	12 mi N of Eagle Point
	Hugo Road 7251	OR-712S	9/2	9/6	3	H	G	199	4	Grants Pass, OR
	Willow 1145 RN*	OR-PRD	9/7	9/11	3	H	B	428	6	3 mi E of Madras, OR
	Tepee 1144 NE*	OR-DEF	9/7	9/15	3	H	T	2,027	7	15 mi SE of Bend, OR
	Cabbage*	OR-973S	9/20	9/22	3	H	T	124	10	12 mi SE Pendleton, OR
	Long Branch*	OR-WWF	9/21	9/22	4	H	T	800	11	5 mi E of Halfway, OR
	Stukel*	OR-LAD	10/14	10/22	3	H	B	518	7	11 mi SE of Klamath Falls, OR
	Red*	OR-MAR	10/16	10/18	4	H	G	2,303	12	N of Malheur NWR
Confine, Full Suppression	Tiny Creek	OR-FWF	7/15	7/20	4	L	T	6	6	19 mi West of Chemult, OR
	Terwilliger*	OR-WIF	8/19	11/1	2	U	T	11,555	3	5 mi SE of Blue River, OR
Oregon Count								Total Acres		
64								839,742		

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	Buffalo*	WA-SES	6/2	6/2	3	H	G	1,780	5	10 mi N of Yakima, WA
	Les Blair*	WA-WFS	6/4	6/6	3	U	G	875	10	8 mi S of Finley, WA
	Soap Lake*	WA-SPD	6/11	6/14	3	H	G	2,063	10	5 mi N of Soap Lake, WA
	Milepost Twenty Two*	WA-SES	6/20	6/24	3	H	G	7,614	10	Adjacent to Vantage, WA
	Easterday*	WA-WFS	6/22	6/23	3	L	B	1,299	10	16 mi S of Kennewick, WA
	Montecito*	WA-WFS	6/27	6/29	3	U	G	1,877	10	SR 22 and Lincoln Grade
	Newell Grade	WA-SES	6/28	6/30	3	U	G	228	10	Bickleton, WA
	Conrad*	WA-SES	7/1	7/4	3	U	B	4,583	10	14 mi NW of Yakima, WA
	Baird Springs*	WA-SPD	7/3	7/4	3	U	G	2,060	10	6 mi NW of Quincy, WA
	Nisqually John*	WA-WFS	7/4	7/7	3	U	B	1,350	10	12 mi NW of Clarkston, WA
	Little Camas*	WA-SES	7/5	9/18	2	U	T	317	5	6 mi SW of Cashmere, WA
	Marble Valley	WA-NES	7/6	7/9	3	H	T	90	9	5 mi NW of Addy, WA
	Ryegrass Coulee*	WA-SES	7/9	7/12	3	U	G	1,612	10	17 mi E of Ellensburg, WA
	Washington Flats*	WA-SPD	7/11	7/13	3	H	B	385	8	5 mi N of Grand Coulee, WA
	Rattlesnake*	WA-COA	7/12	7/16	3	H	G	2,773	9	19 mi NW of Davenport, WA
	Weber Canyon*	WA-SPD	7/13	7/13	3	H	G	544	10	2 mi SE of Benton City, WA
	Rocky Reach*	WA-SES	7/13	7/19	3	U	G	3,386	5	7 mi N of Wenatchee, WA
	Hwy 97 & MP 37*	WA-YAA	7/14	8/9	3	H	G	763	5	21 mi NE of Goldendale, WA
	Upriver Beacon*	WA-NEC	7/17	7/17	3	H	T	116	10	3 mi NE of Spokane, WA
	Buckshot*	WA-SPD	7/19	7/21	3	H	G	900	10	2 mi S of Mattawa, WA
	L RD SW*	WA-MCR	7/19	7/24	3	H	G	23,900	10	1 mi E of Vernita Bridge, WA
	Boylston*	WA-SES	7/19	7/23	3	H	G	71,200	10	14 mi E of Ellensburg, WA
	John Belmont*	WA-NES	7/21	7/21	3	H	T	101	10	4 mi SE of Valleyford, WA
	Locust Grove*	WA-WFS	7/21	7/23	4	H	G	2,275	10	5 mi SW of Kennewick, WA
	Turtle Rock*	WA-SES	7/24	7/26	3	U	G	710	5	5 mi NE of Winathee, WA
	Chelan Hills*	WA-SES	7/27	8/1	2	U	G	1,842	5	2 mi E of Chelan, WA
	Warner Gulch*	WA-SES	7/28	8/4	3	U	G	470	11	11 mi SW of Asotin, WA

FIRE STATISTICS & MAPS | NW 2018 Incident Summary

Management Strategy	Incident Name	Incident Unit ID [†]	Start Date	Contain Date	IMT ^{††}	Cause ^{†††}	Fuel ^{†††}	Acreage	PSA	Location
Full Suppression	Cougar Creek*	WA-OWF	7/28	11/9	1	L	T	42,712	5	25 mi W of Chelan, WA
	Lake Wallula*	WA-MCR	7/29	8/6	2	U	G	12,462	10	5 mi E Umatilla
	Sheep Creek*	WA-NES	7/30	8/16	3	U	T	458	9	3 mi NW of Northport, WA
	HWY 24 Command*	WA-SPD	7/30	7/31	4	U	G	1,800	5	71 mi E of Yakima, WA
	Milepost 90*	WA-WFS	7/31	8/16	3	H	G	10,000	5	Wisham, WA
	Saddle Mountain*	WA-NES	8/2	8/3	4	H	G	1,000	5	8 mi NE of Davenport, WA
	Angel Springs*	WA-NES	8/2	8/13	2	H	T	5,046	10	7 mi NE Davenport WA
	Silver Lake*	WA-NES	8/6	8/17	3	H	T	340	10	5 mi W of Cheney, WA
	Ragged Butte*	WA-SPD	8/6	8/6	4	U	G	1,050	10	12 mi E of Bridgeport, WA.
	Hawk Fire*	WA-YAA	8/10	10/15	4	H	B	700	5	5 mi W of White Swan, WA
	Kettle River	WA-NES	8/11	8/21	3	L	T	49	9	10 mi NW of Curlew, WA
	Boysd*	WA-NES	8/11	8/11	2	H	T	4,712	9	3 mi W of Kettle Falls, WA
	Boffer Canyon*	WA-WFS	8/11	8/12	3	U	G	5,000	10	2 mi S of Kennewick, WA
	Horns Mountain*	WA-COF	8/11	10/1	2	L	T	5,889	9	9 mi NE of Orient, WA
	Grass Valley*	WA-SPD	8/11	8/15	3	U	G	75,573	10	W of Coulee Dam
	Kelly Mountain	WA-COF	8/13	8/22	3	L	T	44	9	10 mi of Curlew Lake, WA
	Tillman Surprise	WA-NES	8/16	8/21	3	L	T	45	8	11 mi W of Loomis, WA
	Meninick Pass*	WA-YAA	8/16	10/15	3	L	G	5,537	5	5 mi S of White Swan, WA
	Elm*	WA-SPD	8/17	8/18	4	L	G	1,718	10	1 mi E of Eltopia
	Crystal*	WA-WFS	9/1	9/3	3	H	G	2,610	10	East Wenatchee
	Wagon Wheel*	WA-WFS	9/1	9/10	3	H	G	3,000	10	1.5 mi N of Benton City, WA
	Mile Marker 44*	WA-YAA	9/1	10/15	4	H	B	3,319	5	Highway 97 MM44
	Glenn Creek	WA-NES	9/5	9/12	3	H	T	55	9	8 mi W of Usk, WA
	Wahluke Slope*	WA-MCR	9/7	9/10	3	L	G	13,000	10	17 mi W of Mattawa, WA
	Iron West	WA-OWF	9/8	9/18	3	L	T	16	5	12 mi NE of Cle Elum, WA
	Iron East*	WA-OWF	9/8	9/16	3	L	T	117	5	12 mi NE of Cle Elum, WA
	Glade Creek*	WA-WFS	9/8	9/10	5	U	B	12,765	10	7 mi SE of Mabton, WA
	Lambdon Road	WA-MCR	9/11	9/20	4	H	G	200	1	15 mi W of Touchet, WA
	Little Snake River	WA-COA	9/26	9/29	3	U	G	247	8	2 mi N of Nespelem, WA
Confine	Clear Fork*	WA-GPF	8/8	11/2	2	L	T	133	2	3 mi SW of White Pass
Monitor	Shannon Ridge	WA-MSF	7/24	9/20	5	L	T	0.1	1	16 mi NE of Concrete, WA
	Wrong Creek*	WA-MSF	7/24	11/26	3	L	T	423	5	9 mi SW of Greenwater, WA
	Dishpan Gap	WA-MSF	7/27	8/17	5	L	T	0.1	1	20 mi NE of Skykomish, WA
	Johnson Mountain	WA-MSF	7/28	9/13	5	L	T	2	1	27 mi SE of Darrington, WA
	Miners Creek	WA-MSF	7/28	9/27	5	L	T	2	1	27 mi ESE of Darrington, WA
	Lost Creek	WA-MSF	7/28	9/27	5	L	T	5	1	19 mi SE of Darrington, WA
	Bannock Lakes*	WA-OWF	7/28	11/9	1	U	T	497	1	Glacier Peak Wildernes
	Fan Lake	WA-MRP	7/31	9/22	5	U	T	15	9	SE of Fan Lake
	Sulphur Creek	WA-MSF	8/1	9/27	5	L	T	20	1	25 mi E of Darrington, WA
	Hidden lake	WA-MSF	8/4	9/13	5	L	T	0.1	1	10 mi E of marblemount, WA
	Sonny Boy Creek	WA-MSF	8/4	9/13	5	L	T	0.1	1	14 mi ESE of Marblemount, WA
	Maple*	WA-OLF	8/4	10/12	2	H	T	3,312	1	10 N of Hoodspport, WA
	No Doubt	WA-NCP	8/6	9/24	5	L	T	3	1	22 mi N of Newhalem, WA
	Prophet	WA-NCP	8/6	9/24	5	L	T	3	1	15 mi N of Newhalem, WA
	Arctic Jim*	WA-NCP	8/6	10/4	4	L	T	880	1	3 mi W of Ross Lake, WA
	Holman*	WA-OWF	8/16	11/28	1	L	T	302	5	19 mi NW of Mazama, WA
	Cowlitz	WA-MRP	8/17	11/1	5	L	T	5	2	Mount Rainier NP
	Downey	WA-MSF	8/17	9/27	5	L	T	75	1	20 mi E of Darrington, WA
	Buckindy*	WA-MSF	8/17	9/27	5	L	T	105	1	15 mi SE of Marblemount, WA
	Flower*	WA-MSF	8/17	9/27	5	L	T	150	1	29 mi SE of Darrington, WA
	Little Fork*	WA-NCP	8/17	10/4	4	L	T	425	1	1 mi S of Canadian border
	Fern Creek	WA-MSF	8/23	9/20	5	L	T	0.1	1	18 mi SE of Darrington, WA
Monitor, Confine, Full Suppression	Miriam*	WA-OWF	7/30	11/9	2	U	T	5,400	5	2 mi SE of White Pass, WA
Monitor, Full Suppression	Crescent Mountain*	WA-OWF	7/29	2/8	1	L	T	52,609	5	16 mi W of Winthrop, WA
	McLeod*	WA-OWF	8/11	2/8	1	L	T	24,411	8	8 mi N of Mazama, WA
Washington Count								Total Acres		
82								433,354		

NW 2018 Large Incident Summary

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 2018 occurred in southeast Oregon. The Voltage incident started on April 27th on the Malheur NWR. It was lightning caused in a grass fuel type with a final size of 1,502 acres.

The largest incident occurred in southwest Oregon. The Klondike incident started on July 15th in the Kalmiopsis Wilderness Area on the Rogue River-Siskiyou NF, nine miles NW of Selma, Oregon. It was a lightning caused fire in a timber fuel type, and proved active throughout the summer burning up to the Taylor Creek incident to the northeast, as well as to the west into the previous year’s Chetco Bar burn scar. The Klondike in total had 13 IMT’s assigned to it before it was contained at 175,258 acres on November 28th, making it also the longest duration incident of the year.

Chart 21: Large Incident Summary by State & Agency

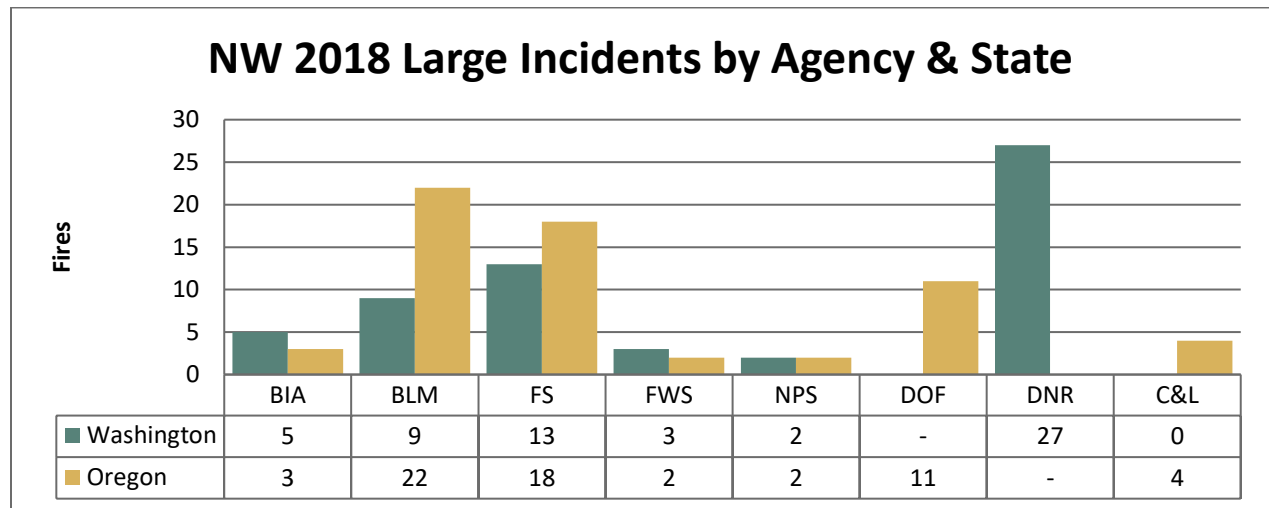
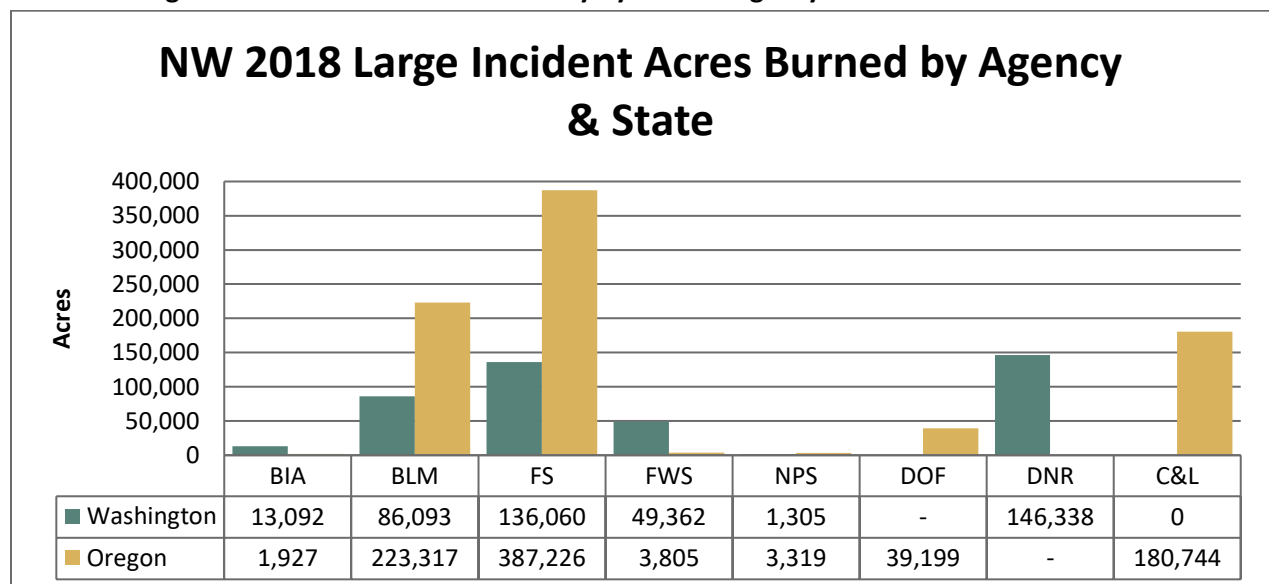
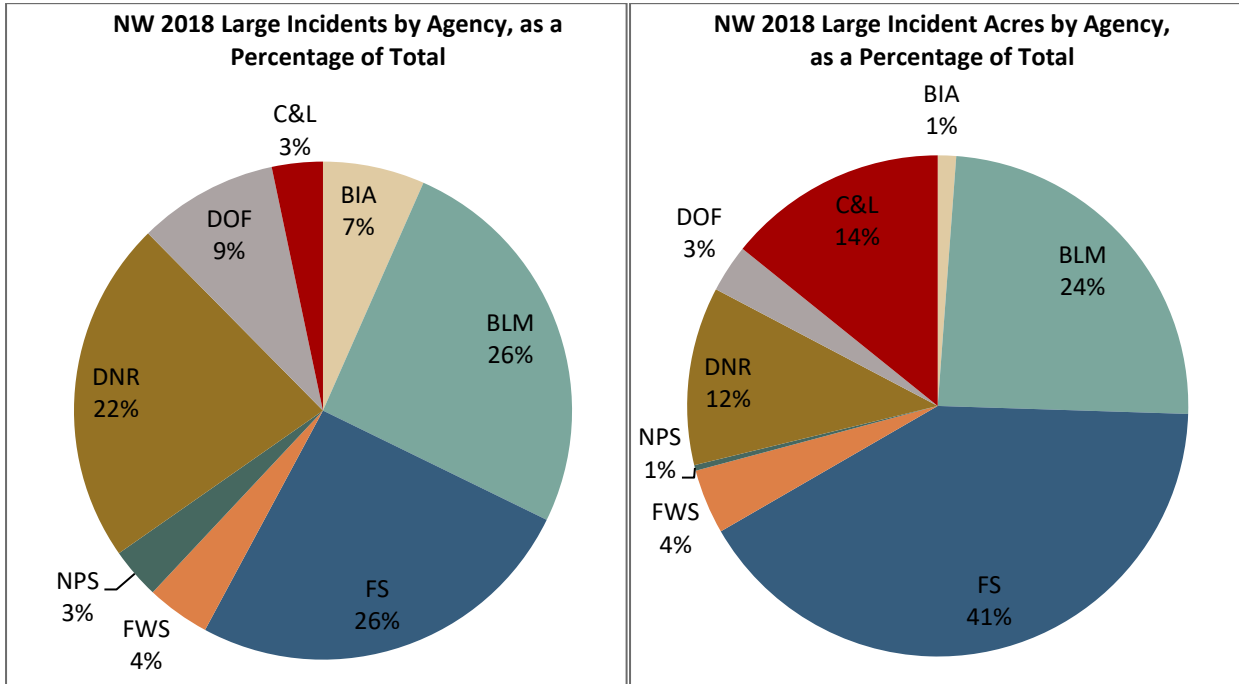


Chart 22: Large Incident Acres Burned Summary by State & Agency



Charts 23/24: NW 2018 Large Incidents by Agency as a Percentage of Total



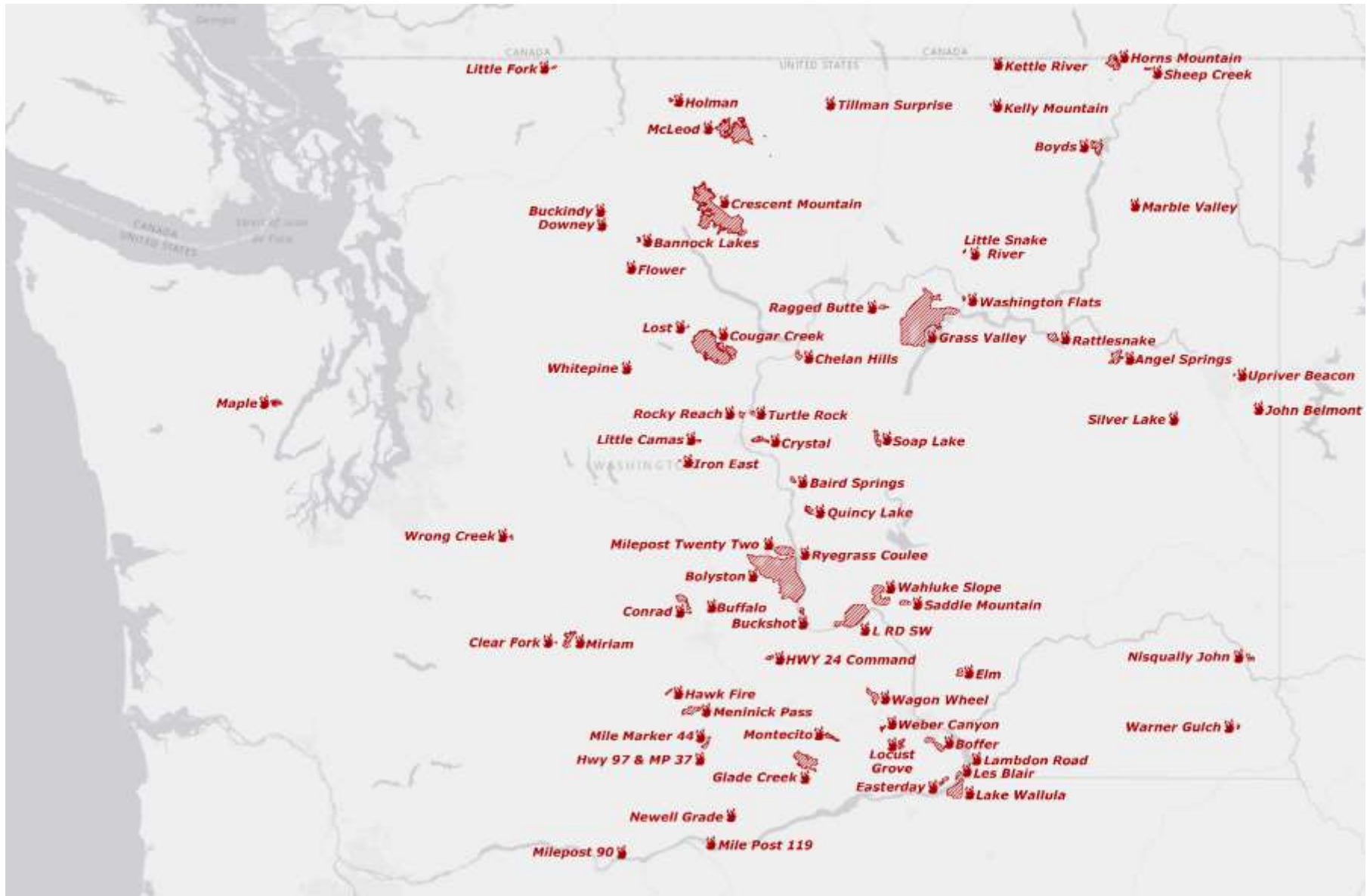
*Klondike Fire - August 20th
(OR-RSF)*



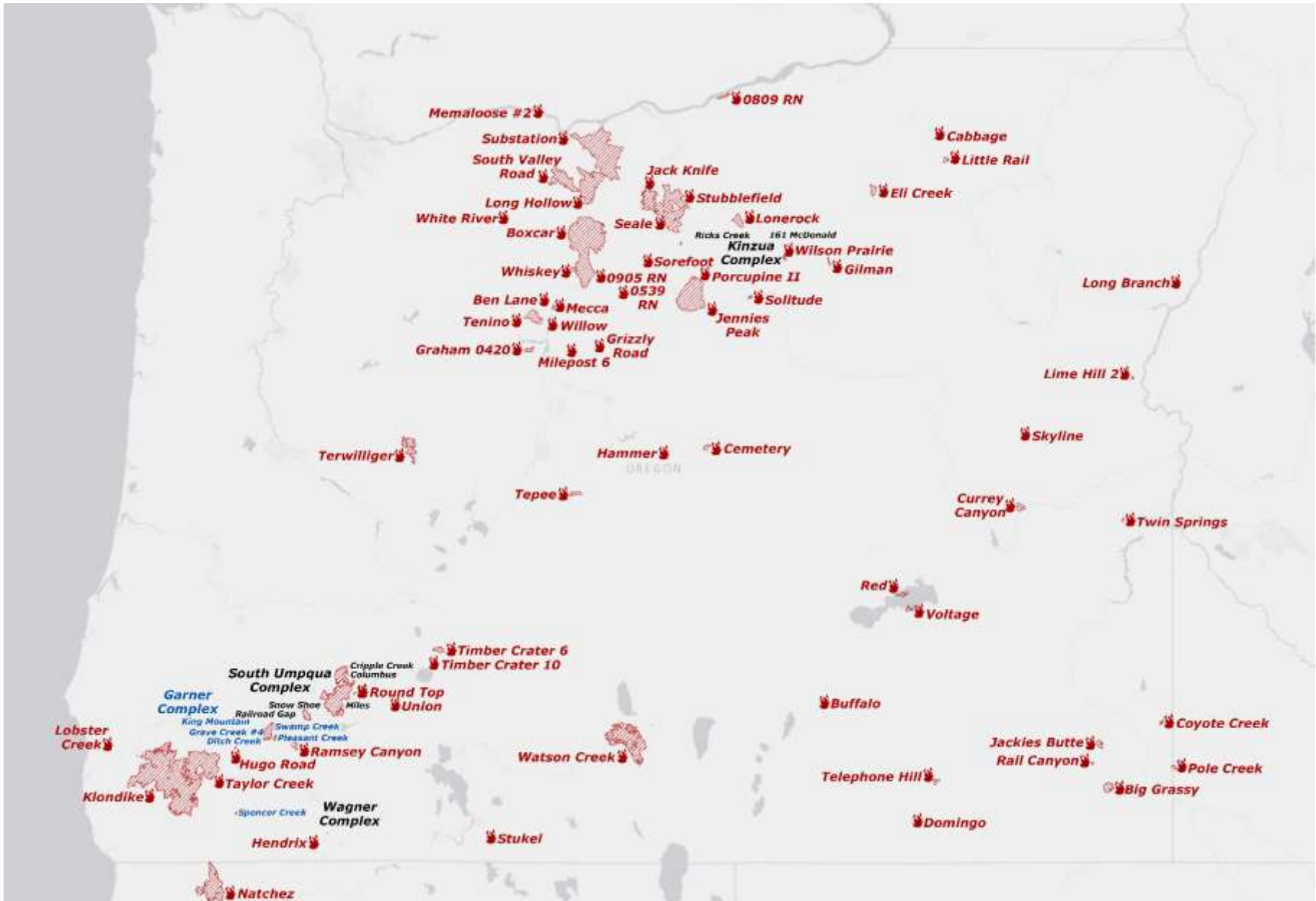
*Maple Fire – August 11th
(WA-OLF)*

NW 2018 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: 600
Out of GACC IMTs	Days Assigned: 223
Total Days Assigned: 823	

Portland NIMO

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
Portland NIMO - Reinarz	CO-RMC	CO-DRC	416	Fire - Wildfire	6/20	24
Total						24

Northwest Type 1

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
PNW Team 2 – Schulte	OR-NWC	OR-COC	SUBSTATION 0730 RN	Fire - Wildfire	7/19	6
	OR-NWC	OR-COC	R6 PREPOSITION 2018 0316	Preparedness/ Preposition	7/23	3
	OR-NWC	OR-RVC	TAYLOR CREEK	Fire - Wildfire	7/29	18
	OR-NWC	OR-RICC	SOUTH UMPQUA COMPLEX	Fire - Wildfire	8/18	10
	OR-NWC	WA-CWC	CRESCENT MOUNTAIN	Fire - Wildfire	9/10	16
PNW Team 3 - Livingston	OR-NWC	OR-RVC	KLONDIKE	Fire - Wildfire	7/21	18
	OR-NWC	WA-CWC	COUGAR CREEK	Fire - Wildfire	8/15	16
Total						87

ODF Type 1

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
ODF Team 1 - Hessel	OR-NWC	OR-712C	GARNER COMPLEX	Fire - Wildfire	7/29	6
ODF Team 2 - Cline	OR-NWC	OR-COC	GRAHAM 0420 OD	Fire - Wildfire	6/22	7
	OR-NWC	OR-712C	GARNER COMPLEX	Fire - Wildfire	7/17	15
	OR-NWC	OR-954C	SOUTH VALLEY ROAD	Fire - Wildfire	8/2	9
	OR-NWC	OR-71C	RAMSEY CANYON	Fire - Wildfire	8/23	9
	GA-SAC	FL-FIC	HURRICAN MICHAEL SUPPORT	Hurricane	10/29	15
ODF Team 3 - Smith	OR-NWC	OR-72C	LOBSTER CREEK	Fire - Wildfire	7/2	7
	GA-SAC	FL-FIC	HURRICAN MICHAEL SUPPORT	Hurricane	10/12	16
Total						84

Northwest Type 2

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
NW TEAM 6 - Sheldon	OR-NWC	OR-RICC	MILES/ SOUTH UMPQUA COMPLEX	Fire - Wildfire	7/17	23
	OR-NWC	OR-RVC	KLONDIKE	Fire - Wildfire	8/16	1
	OR-NWC	OR-LFC	WATSON CREEK	Fire - Wildfire	8/16	19
NW Team 7 - Knerr	OR-NWC	WA-CWC	LITTLE CAMAS	Fire - Wildfire	7/7	7
	OR-NWC	WA-CWC	BOYLSTON	Fire - Wildfire	7/20	3
	OR-NWC	WA-CWC	2018 GACC PREPOSITION	Preparedness/ Preposition	7/22	7
	OR-NWC	WA-CWC	CUTTHROAT LAKE/ LAKE WALLULA	Fire - Wildfire	7/31	3
	OR-NWC	WA-CWC	MIRIAM	Fire - Wildfire	8/1	14
	OR-NWC	OR-COC	JENNIES PEAK 1039 RN	Fire - Wildfire	8/20	9
	OR-NWC	OR-RVC	NATCHEZ	Fire - Wildfire	9/2	15
	OR-NWC	OR-RVC	KLONDIKE	Fire - Wildfire	10/14	17
NW Team 8 - Johnson	OR-NWC	OR-COC	CEMETERY 0701 RS	Fire - Wildfire	7/17	6
	OR-NWC	OR-COC	R6 PREPOSITION 2018 0316	Preparedness/ Preposition	7/22	4
	OR-NWC	OR-JDCC	116 WILSON PRAIRIE	Fire - Wildfire	7/25	9
	OR-NWC	WA-CWC	MIRIAM	Fire - Wildfire	8/12	15
	OR-NWC	OR-EIC	TERWILLIGER	Fire - Wildfire	9/9	12
	OR-NWC	OR-RVC	KLONDIKE	Fire - Wildfire	10/27	10
NW Team 9 - Goff	OR-NWC	OR-LFC	TIMBER CRATER 6	Fire - Wildfire	7/19	16
	OR-NWC	WA-NEC	HORNS MOUNTAIN	Fire - Wildfire	8/12	16
	GA-SAC	VA-VIC	HURRICANE FLORENCE IMT	Hurricane	9/13	4
	GA-SAC	GA-SAC	FEMA HURRICANE FLORENCE SUPPORT	Hurricane	9/16	5
	GA-SAC	FL-FIC	FEMA R4 HURRICANE MICHAEL	Hurricane	10/16	7
NW Team 10 - Lawson	OR-NWC	OR-RVC	GRAVEL/NATCHEZ	Fire - Wildfire	7/16	9
	OR-NWC	OR-RVC	OR-RSF LARGE FIRE SUPPORT FY18	Preparedness/ Preposition	7/23	3
	OR-NWC	OR-COC	LONG HOLLOW 0806 RN	Fire - Wildfire	7/28	5
	OR-NWC	WA-PSC	MAPLE	Fire - Wildfire	8/7	11
	OR-NWC	WA-CWC	COUGAR CREEK	Fire - Wildfire	8/28	17
NW Team 11 - Rabe	CO-RMC	CO-RMC	2018 RMA IN SUPPORT OF OH/CR/EQ/SU	Preparedness/ Preposition	7/6	6
	CO-RMC	CO-CRC	FAWN	Fire - Wildfire	7/10	2
	CO-RMC	CO-CRC	NW COLORADO IA COMPLEX	Fire - Wildfire	7/11	6
	OR-NWC	WA-CWC	CHELAN HILLS	Fire - Wildfire	7/28	4
	OR-NWC	WA-CWC	COUGAR CREEK	Fire - Wildfire	7/31	4
	OR-NWC	WA-NEC	BOYDS	Fire - Wildfire	8/12	18
	GA-SAC	VA-VIC	HURRICANE FLORENCE SUPPORT	Hurricane	9/15	2
	GA-SAC	GA-SAC	FEMA HURRICANE FLORENCE SUPPORT	Hurricane	9/16	6
NW Team 12 - Harrod	OR-NWC	OR-RVC	HENDRIX	Fire - Wildfire	7/16	16
	OR-NWC	WA-NEC	SNOWY MOUNTAIN	Fire - Wildfire	8/5	14
	OR-NWC	OR-RVC	TAYLOR CREEK	Fire - Wildfire	8/23	13
	OR-NWC	OR-RVC	KLONDIKE	Fire - Wildfire	9/30	16
NW Team 13 - Gales	OR-NWC	OR-COC	BOXCAR 0410 RN	Fire - Wildfire	6/22	8
	OR-NWC	OR-RICC	SUGAR PINE	Fire - Wildfire	7/18	18
	OR-NWC	OR-RVC	NATCHEZ	Fire - Wildfire	8/19	19
	OR-NWC	OR-RVC	KLONDIKE	Fire - Wildfire	9/17	16
					Total	436

Resource Order Summary

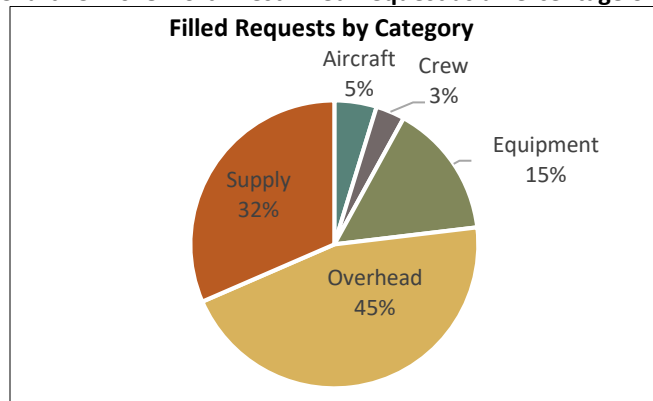
Source: COGNOS/ROSS Reports

During 2018, the dispatch community within the Northwest entered 112,442 total requests. Of those 81,638 were filled which equates to a 72% fill rate. Of the 2,990 Crew requests entered, 2,651 were filled, resulting in an 88% fill rate. See charts below for percentage of the filled requests by all Categories.

Table 4: 2018 Northwest All Resource Order Summary

Request Category	Enter	Delete	Place	Retrieve	Fill	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Aircraft	5,883	97	6,647	361	3,878	54	1,015	3,869	472	724	964
Crew	2,990	47	3,850	394	2,651	140	558	1,892	479	259	414
Equipment	13,931	295	9,239	744	12,338	538	2,259	10,301	1,393	603	2,182
Overhead	45,839	296	34,910	2,048	37,044	734	10,752	31,954	2,189	4,865	9,723
Supply	43,799	668	16,951	741	25,727	40	322	3,269	2,151	644	185
Summary	112,442	1,403	71,597	4,288	81,638	1,506	14,906	51,285	6,684	7,095	13,468

Chart 25: 2018 Northwest Filled Request as a Percentage of the total



Long Hollow Fire – July 27th
(OR-PRD)

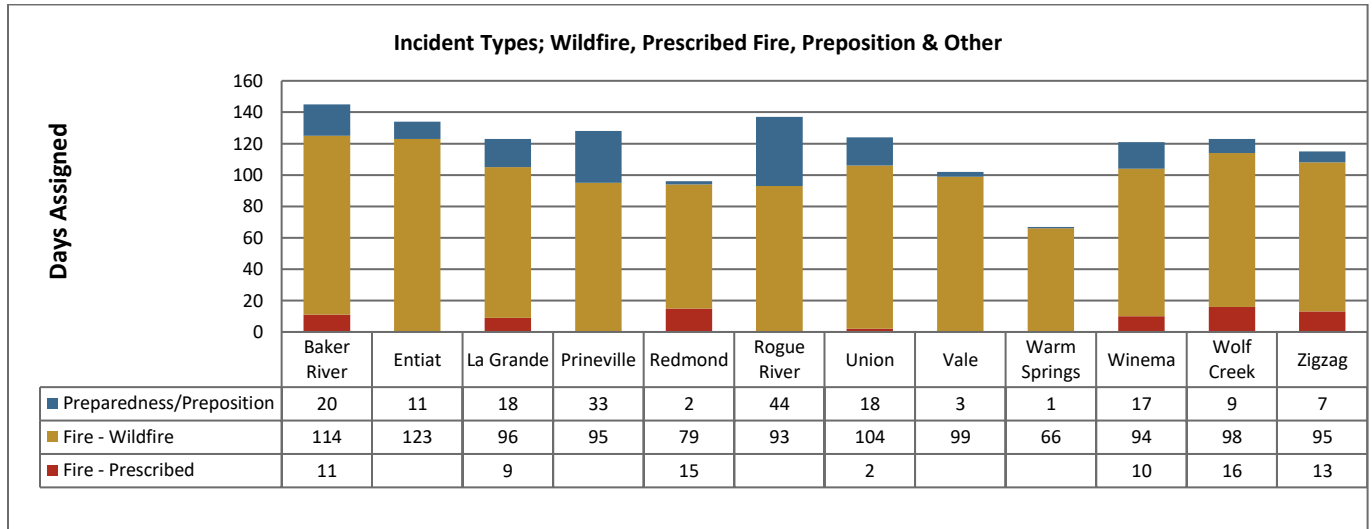
Table 5: 2018 Crew Resource Order Summary

Category Name	Catalog Item Name	Enter	Delete	Place	Retrieve	Fill	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Fire	Crew, Type 2	904	3	1,296	116	1,006	40	204	639	106	23	67
	Crew, Type 2 IA	636	12	878	101	475	25	122	315	146	94	125
	Crew, Type Any	40	3	62	10	48	1	20	18	3	3	8
	Crew, Type 2 Any	180	0	246	24	199	13	36	141	21	5	21
	Crew, Misc	521	12	311	15	482	15	44	446	46	7	29
	Crew, Military, Battalion	4	4	0	0	0	0	0	0	0	0	0
	Crew, Type 1 or 2 Any	20	0	31	8	17	2	6	9	5	1	3
	Crew, Type 1 or 2 IA	67	10	104	16	50	2	21	26	3	12	16
	Crew, Type 1	375	0	539	59	203	27	75	114	118	90	97
Fire, Strike Team	Crew, Strike Team, Type 2	1	1	0	0	0	0	0	0	0	0	0
Fire		2,748	45	3,467	349	2,480	125	528	1,708	448	235	366
Non-Fire	Crew, Camp	208	1	350	44	138	12	24	156	31	21	43
	Crew, Kitchen	34	1	33	1	33	3	6	28	0	3	5
Non-Fire		242	2	383	45	171	15	30	184	31	24	48
Crew Summary		2,990	47	3,850	394	2,651	140	558	1,892	479	259	414

NW Interagency Hotshot Crews

Source: COGNOS/ROSS Reports.

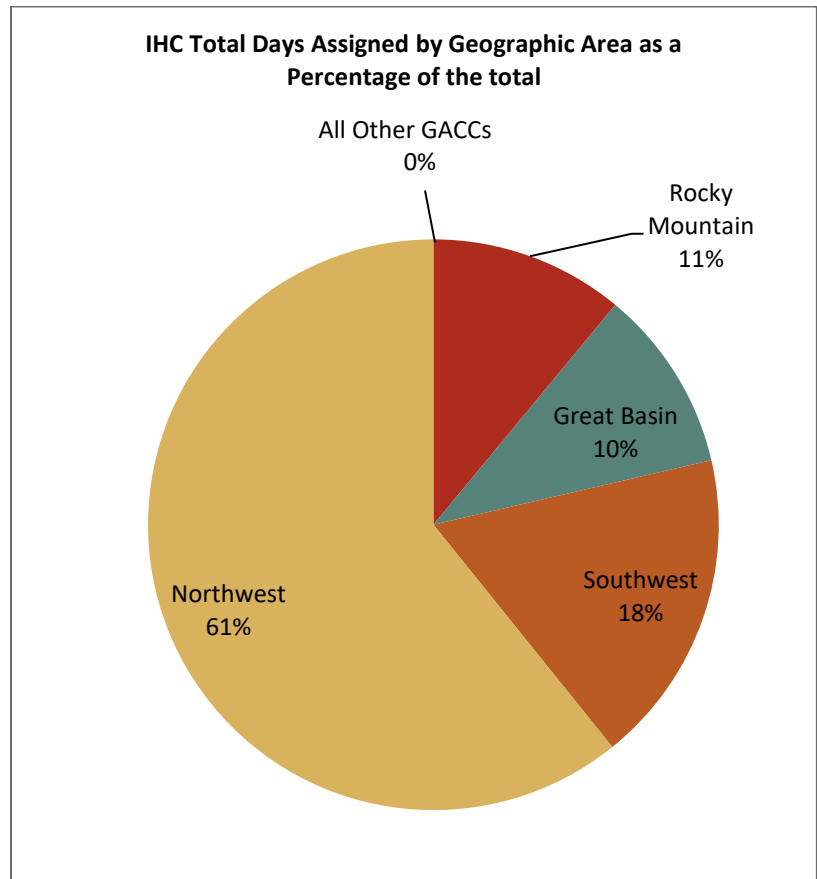
Chart 26: 2018 IHC Days Assigned to Incidents



2018 IHC Days Assigned & Percentage of Total by Geographic Area

GACC	Days	%
Southern Area	0	0%
Eastern Area	0	0%
Northern Rockies	0	0%
Rocky Mountain	156	11%
Great Basin	147	10%
Southwest	253	18%
Northern California	1	0%
Southern California	0	0%
Northwest	862	61%
Alaska	0	0%
Total	1,419	100%

Chart 27: 2018 IHC Days Assigned by Geographic Area as a Percentage of the Total



NW Smokejumpers

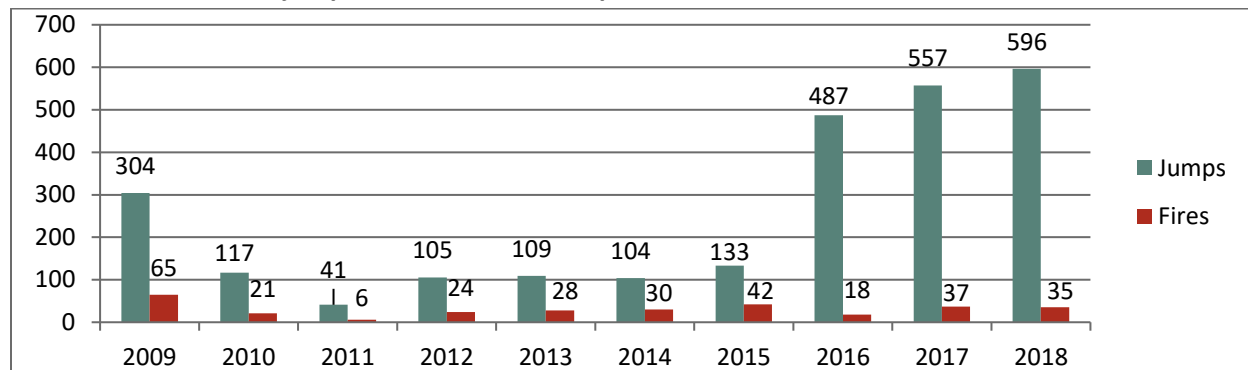
North Cascades Smokejumpers

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

In summary, **29** fires were jumped out of NCSB in 2018 and an additional **6** fires were staffed by NCSB jumpers as either detailers or boosters. Nationally the North Cascades Smokejumpers conducted **596** total jumps and spent **1,414** days on assignment with **0** loss time injuries.

The base provided additional assistance to incidents through 49 single resource assignments, as well as spending 282 days on prescribed fires.

Chart 28: NCSB Smokejumper's 10-Year Fire Jump Numbers



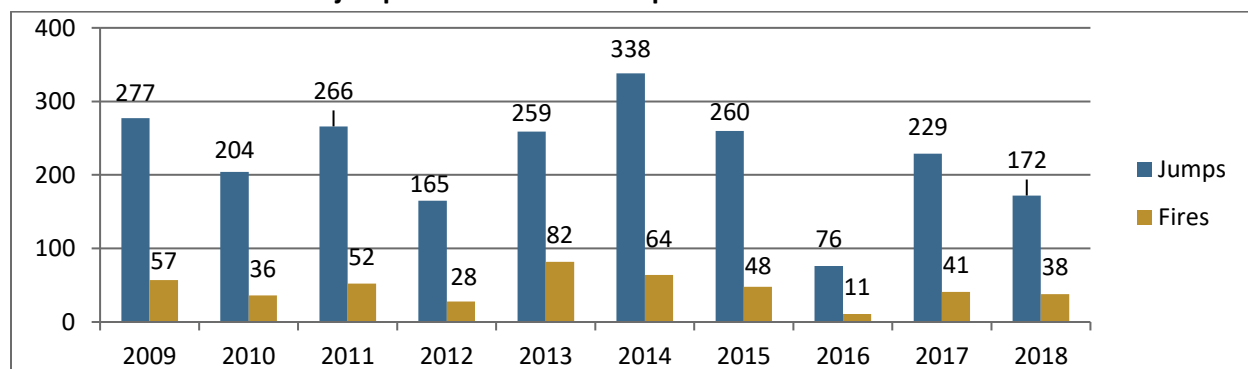
Redmond Smokejumpers

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

Out of Redmond, **38** fires were staffed totaling **172** fire jumps. Redmond Smokejumpers and boosters responded to fires in **4** separate land management areas. The first fire jump occurred on **June 21st** and the last on **September 8th**. The **38** fires are approximately **76%** of our 10-year average of **50** fires and **172** fire jumps is **72%** of our 10-year average of **240** fire jumps.

Redmond Smokejumpers filled 69 single resource assignments totaling 981 days, which amounted to 41% of our fire suppression activities in 2018.

Chart 29: Redmond Smokejumper's 10-Year Fire Jump Numbers



NW Rappel Aircraft

Source: Region 6 2018 Aviation Summary. For full report, contact SORO.

2018 Rappel Activity Totals – Region 6

*MAP (Mandatory Availability Period)

	Wenatchee	Grande Ronde 1	Grande Ronde 2	John Day	Siskiyou	Prineville	Totals	Average
Flight Hours on Fire	161	161.1	175.9	235	161.5	185.5	1080	180.0
Flight Hours Other	16.7	32.5	42.5	28.9	16.7	10.6	147.9	24.7
Days on Contract	132	120	140	126	150	121	789	131.5
Days Flown on MAP*	67	69	60	92	52	26	366	61.0
% Days Flown on MAP*	56%	58%	50%	77%	35%	21%		50%
# Initial Attack Count	21	37	25	22	18	48	171	28.5
# Large Fires	7	9	19	17	13	11	76	12.7
Person Days on Fire	0	0	0	0	0	0	0	0.0
Training Rappels	28	0	0	186	82	0	296	49.3
Proficiency Rappels	141	194	194	132	206	197	1064	177.3
Operational Rappels	38	37	37	34	27	28	201	33.5
Total Rappels	207	231	231	352	315	225	1561	260.2

Chart 30: 2018 Rappel Flight Hours on Fire

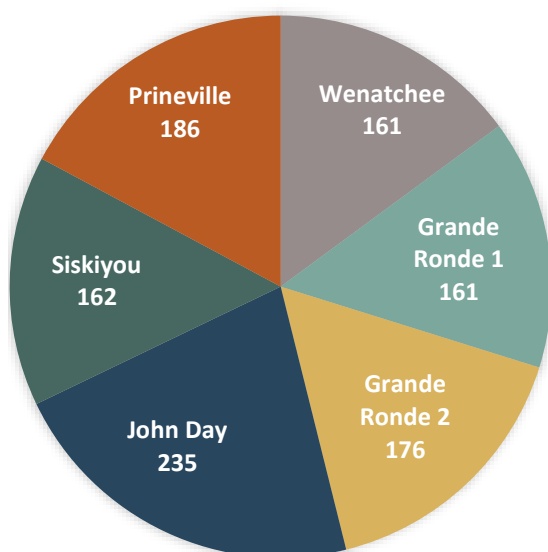
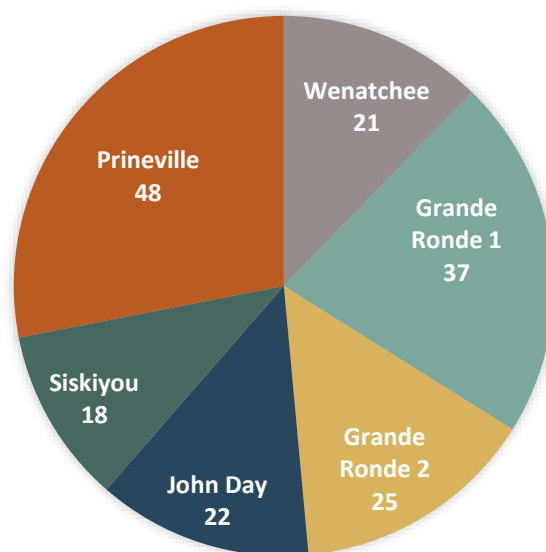


Chart 31: 2018 Rappel Initial Attack Count



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.

2018 Year End Totals

RETARDANT

Gallons of Retardant -----	1,362,361
Loads of Retardant-----	676
Retardant Cost to Fires -----	\$3,502,056.46
Retardant Contract Length -----	137 days
Contract Extension-----	0 days
Retardant Loads Aborted or Jettisoned -----	2
Average Turnaround Time -----	12 minutes

FIRE INFORMATION

Number of Agency Users-----	7
Number of Fires Worked With Air Tankers -----	90
Number of Initial Attack Fires-----	56
Number of Fires Reinforced -----	34
Number of Air Tankers that operated from RDM-----	27

LANDINGS

Total Number of Landings -----	406
Total Landing Fee Costs (at \$3.13 per 1000lbs)-----	\$107,537.41
Types of Air Tankers Making Landings-----	8
(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)-----	10
Max # of Incidents Worked in One Day (August 18)-----	5
Max. # of Loads in One Day (August 18)-----	47
Max. # of Gallons Retardant Pumped in One Day (August 18) -----	124,903
Max # of Landings in One Day (August 18) -----	49
First Air Tanker Mission Flown-----	June 21
Where Flown: "Box Car", (BLM)	
Last Air Tanker Mission Flown -----	September 29
Where Flown: "Beatty Station", (ODF)	

APPENDIX

NW Situation Report

Source: Interagency Situation Report (SIT Report), as reported by NW dispatch offices as of 12/31/2018.

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 5: 2018 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	28			10	28
		Warm Springs Agency	66	1,217	16	8,504	82	9,721
	Oregon Total		76	1,245	16	8,504	92	9,749
	Washington	Colville Agency	56	3,427	16	74	72	3,501
		Kalispel Tribe	1	0			1	0
		Spokane Agency	11	82	1	0	12	82
		Yakama Agency	126	6,199	3	5,852	129	12,051
	Washington Total		194	9,708	20	5,926	214	15,634
BIA Total			270	10,953	36	14,430	306	25,383
BLM	Oregon	Burns District	9	1,311	6	175	15	1,486
		Coos Bay District (OR-CBD)						
		Coos Bay District (OR-RICC)	10	2	2	4	12	6
		Klamath Falls Resource Area			1	53	1	53
		Lakeview District	25	1,181	33	104	58	1,285
		Medford District (OR-RVC)						
		Northwest Oregon District						
		Prineville District (OR-COC)	48	117,212	44	123,207	92	240,419
		Roseburg District (OR-RICC)	1	1			1	1
		Vale District (OR-VAD)	15	4,149	17	10,158	32	14,307
	Oregon Total		108	123,856	103	133,701	211	257,557
	Washington	Spokane District (WA-CWC)	40	87,208	3	1,721	43	88,929
		Spokane District (WA-NEC)	16	64	4	2	20	66
Washington Total		56	87,272	7	1,723	63	88,995	
BLM Total			164	211,128	110	135,424	274	346,552
C&L	Oregon	Central Oregon Rangeland Protection Association	4	5	4	45,557	8	45,562
		South Gilliam County Rural Fire Protection District			3	56,783	3	56,783
		Wasco Fire Department	2	78,425	3	0	5	78,425
	Oregon Total		6	78,430	10	102,340	16	180,770
C&L Total			6	78,430	10	102,340	16	180,770
DNR	Washington	Northeast Region-DNR	459	10,988	74	53	533	11,041
		Northwest Region-DNR	64	78	1	1	65	79
		Olympic Region-DNR	40	91			40	91
		Pacific Cascade Region-DNR	135	156	2	2	137	158
		South Puget Sound Region-DNR	188	266			188	266
		Southeast Region-DNR (OR-BMC)	5	477	2	0	7	477
		Southeast Region-DNR (WA-CWC)	118	91,698	13	26	131	91,724
		Washington State Fire Marshal's Office (OR-BMC)						
	Washington State Fire Marshal's Office (WA-WSP)	24	38,532			24	38,532	
Washington Total		1,033	142,286	92	82	1,125	142,368	
DNR Total			1,033	142,286	92	82	1,125	142,368

APPENDIX | NW Situation Report

Agency	State	Unit Name	Human Fires	Human Acres	Lightning Fires	Lightning Acres	Total Fires	Total Acres
DOF	Oregon	Astoria District	18	0			18	0
		Baker Unit	5	1	2	0	7	1
		Bridge Unit	8	0			8	0
		Central Unit	26	12			26	12
		Columbia City Unit						
		Coos Forest Protective Association	21	3			21	3
		Dallas Unit	19	22			19	22
		East Lane Unit - ODF	34	41	2	0	36	41
		Forest Grove Unit	26	39			26	39
		Gold Beach Unit	9	3			9	3
		Grants Pass Unit	155	329	63	28,785	218	29,114
		John Day Unit	16	494	25	1,036	41	1,530
		Klamath Unit	40	301	6	23	46	324
		LaGrande District	9	6	7	78	16	84
		Lake Unit	9	6	9	4	18	10
		Medford Unit	73	4,333	53	8,662	126	12,995
		Molalla Unit	28	13			28	13
		North Unit	17	15			17	15
		Pendleton Unit	11	145	8	1,182	19	1,327
		Philomath Unit	13	1			13	1
		Prineville Unit	4	36	9	362	13	398
		Santiam Unit	33	27	1	27	34	54
		Sisters Unit	23	10	10	2,176	33	2,186
		South Unit	28	16	7	127	35	143
		Sweet Home Unit - ODF	14	1			14	1
		The Dalles Unit (OR-COC)	31	42,188	2	0	33	42,188
		The Dalles Unit (WA-CCC)						
		Tillamook District	4	1			4	1
		Toledo Unit	5	26			5	26
		Walker Ranger Forest Protective Association						
		Wallowa Unit	18	64	18	41	36	105
		Western Lane District	45	32	1	0	46	32
		Oregon Total		742	48,165	223	42,503	965
DOF Total			742	48,165	223	42,503	965	90,668
FS	Idaho	Hells Canyon National Recreation Area			1	0	1	0
	Idaho Total				1	0	1	0
	Oregon	Columbia River Gorge National Scenic Area	21	1,754	2	0	23	1,754
		Deschutes National Forest	118	2,117	49	73	167	2,190
		Fremont-Winema National Forest	32	59,169	37	48	69	59,217
		Malheur National Forest (OR-BIC)	3	14	6	4	9	18
		Malheur National Forest (OR-MAF)	8	30	28	59	36	89
		Malheur National Forest-Burns Fire Zone			3	3	3	3
		Mt. Hood National Forest	52	88	2	1	54	89
		Ochoco National Forest	22	745	21	133	43	878
		Rogue River-Siskiyou National Forest	18	10	68	233,777	86	233,787
		Siuslaw National Forest	16	2			16	2
		Umatilla National Forest (OR-BMC)	8	6	17	43	25	49
		Umatilla National Forest (OR-MAF)	1	0	7	1,010	8	1,010
		Umpqua National Forest	41	14	37	40,685	78	40,699
		Wallowa-Whitman National Forest (OR-BMC)	13	4	25	17	38	21
		Willamette National Forest	39	11,575	14	4	53	11,579
		Oregon Total		392	75,528	316	275,857	708

APPENDIX | NW Situation Report

Agency	State	Unit Name	Human Fires	Human Acres	Lightning Fires	Lightning Acres	Total Fires	Total Acres
	Washington	Colville National Forest	18	488	31	5,652	49	6,140
		Gifford Pinchot National Forest	29	3	7	133	36	136
		Mt. Baker-Snoqualmie National Forest	36	14	16	817	52	831
		Okanogan-Wenatchee National Forest (WA-CWC)	49	158	71	130,246	120	130,404
		Okanogan-Wenatchee National Forest (WA-NEC)	1	51	20	14	21	65
		Olympic National Forest	6	3,273			6	3,273
		Umatilla National Forest - Washington	2	2	5	2	7	4
	Washington Total		141	3,989	150	136,864	291	140,853
FS Total			533	79,517	467	412,721	1,000	492,238
FWS	Oregon	Bear Valley NWR			1	0	1	0
		Hart Mountain National Antelope Refuge						
		Klamath Marsh NWR						
		Malheur NWR	1	2,303	1	1,502	2	3,805
		Oregon Coast NWR Complex						
		Sheldon-Hart Mountain NWR Complex			4	2	4	2
		Upper Klamath NWR						
		Willamette Valley NWR Complex	1	0			1	0
	Oregon Total		2	2,303	6	1,504	8	3,807
	Washington	Little Pend Oreille NWR	2	0	1	11	3	11
		Mid Columbia NWR Complex	22	36,598	1	13,000	23	49,598
		Nisqually NWR Complex						
		Ridgefield NWR Complex						
		Turnbull NWR	1	0			1	0
		Washington Maritime NWR Complex	1	0			1	0
		Willapa NWR Complex (WA-PCS)						
		Willapa NWR Complex (WA-PSC)						
	Washington Total		26	36,598	2	13,011	28	49,609
FWS Total			28	38,901	8	14,515	36	53,416
NPS	Oregon	Crater Lake National Park	4	193	15	3,133	19	3,326
		Oregon Caves National Monument						
	Oregon Total		4	193	15	3,133	19	3,326
	Washington	Lake Roosevelt National Recreation Area						
		Mt. Rainier National Park	2	0	3	1	5	1
		North Cascades National Park			11	1,367	11	1,367
		Olympic National Park	3	1	1	1	4	2
		San Juan Island National Historical Park	2	4	1	1	3	5
		Whitman Mission National Historic Site						
		Washington Total		7	5	16	1,370	23
NPS Total			11	198	31	4,503	42	4,701
Grand Total			2,787	609,578	977	726,518	3,764	1,336,096

NW Dispatch Centers

Table 6: 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 7: 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 8: 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 9: 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
	OR-BVR	Bear Valley NWR
	OR-HMR	Hart Mountain NWR
FWS	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-OCF	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 10: 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