

# Northwest Annual Fire Report 2012



Northwest Interagency Coordination Center  
Predictive Services Unit - Intelligence Section

Available on [www.nwccweb.us](http://www.nwccweb.us)  
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## Table of Contents

<b>SUMMARY INFORMATION .....</b>	<b>2</b>
<b>NWCC Mission.....</b>	<b>2</b>
<b>NWCC Annual Fire Report.....</b>	<b>3</b>
Table 1: Agency Identifier Legend .....	3
<b>2012 Northwest Fire Season Summary.....</b>	<b>4</b>
Chart 1: NW 2012 Reported Acres Burned vs. 10-Year Average.....	4
Chart 2: 2012 NW Preparedness Levels .....	4
<b>FIRE MAPS &amp; STATISTICS.....</b>	<b>5</b>
<b>Table 2: NW 2012 Large Fires List.....</b>	<b>5</b>
<b>Table 3: NW 2012 Fires List: Confine/Monitor/Point Zone Protection .....</b>	<b>6</b>
<b>NW 2012 Large Fire Location Maps .....</b>	<b>7</b>
Map 1: Washington .....	7
Map 2: Central Washington (Detail) .....	8
Map 3: Oregon.....	9
<b>Fire Statistics.....</b>	<b>10</b>
NW Area Annual Fire Occurrence Charts.....	10
Chart 3: NW 2012 Reported Fires vs. 10-Year Average.....	10
Chart 4: NW 2012 Reported Acres Burned vs. 10-Year Average.....	10
Chart 5: Oregon 2012 Reported Fires vs. 10-Year Average .....	11
Chart 6: Oregon 2012 Reported Acres Burned vs. 10-year Average .....	11
Chart 7: Washington 2012 Reported Fires vs. 10-Year Average .....	11
Chart 8: Washington 2012 Reported Acres Burned vs. 10-Year Average.....	11
NW 2012 Fire Occurrence by Agency - Ignitions .....	12
Chart 9: NW 2012 Reported Fires by Agency .....	12
Chart 10: NW 2012 Reported Fires by Agency as a Percentage of Total.....	12
Chart 11: NW 2012 Reported Fires by Agency by Cause (Human/Lightning) .....	12
NW 2012 Fire Occurrence by Agency - Acres Burned.....	13
Chart 12: NW 2012 Reported Acres Burned by Agency .....	13
Chart 13: NW 2012 Reported Acres Burned by Agency as a Percentage.....	13
Chart 14: NW 2012 Reported Acres Burned by Agency by Cause (Human/Lightning).....	13
Table 4: Individual Units Fires & Acres .....	14

**RESOURCE INFORMATION & STATISTICS.....18**

**NW Incident Management Teams.....18**

*Table 5: NW IMT Assignment Summary* ..... 18

*Table 6: Type 1 NW IMT Assignment History*..... 18

*Table 7: Oregon Type 2 IMT Assignment History*..... 19

*Table 8: Washington Type 2 IMT Assignment History* ..... 19

**NW Interagency Hotshot Crews .....20**

*Chart 15: Days Assigned to Incidents 2012* ..... 20

*Table 9: Days Assigned & Percentage of Total by Geographic Area* ..... 20

*Chart 16: Percentage of Total Days Assigned by Geographic Area* ..... 20

**Smokejumpers – North Cascades .....21**

    Fire Season Summary ..... 21

*Chart 17: NCSB Smokejumper’s 10 Year Fire Jump Numbers* ..... 21

**Smokejumpers – Redmond.....22**

    Fire Season Summary ..... 22

*Chart 18: Redmond Smokejumper’s 10 Year Fire Jump Numbers*..... 22

**Redmond Air Tanker Base .....23**

    2012 Year End Totals ..... 23

**NW Rappel Aircraft .....24**

*Table 10: 2012 Activity Totals – Region 6* ..... 24

*Chart 18: 2012 Initial Attack Numbers* ..... 24

*Chart 19: 2012 Flight Hours on Fire* ..... 24

**APPENDIX.....25**

***Table 11: Unit Identifier Legend*.....25**

        Federal..... 25

        State ..... 26

**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

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 Agency Identifier Legend). A *large* fire is defined as greater than 100 acres in forest fuel type, and greater than 300 acres in shrub and grass fuel types. Annual figures from individual units for total fire starts, regardless of size, and acres burned 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 Kansas City Fire Access Software (KCFAST) reporting applications. Previous NWCC annual reports and other sources were also used in this document. 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: [www.nwccweb.us](http://www.nwccweb.us), under the [Intelligence](#) link. Previous year annual reports can be found under the [NWCC Publications](#) link.

**Disclaimer:** These figures 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 numbers contact the individual agency.

**Table 1: Agency Identifier Legend**

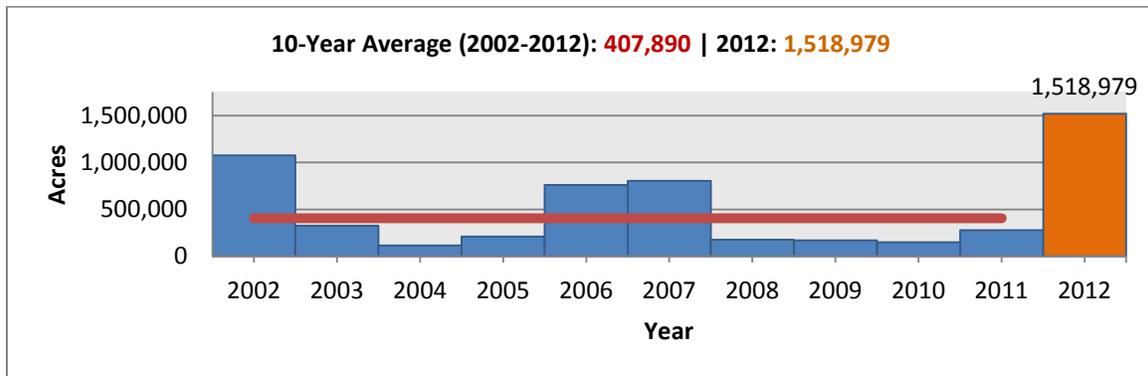
Federal Government Agencies		State Government Agencies	
<i>Department of the Interior</i>			
<b>BIA</b>	Bureau of Indian Affairs	<b>ODF</b>	Oregon Department of Forestry
<b>BLM</b>	Bureau of Land Management	<b>DNR</b>	Washington Department of Natural Resources
<b>FWS</b>	Fish & Wildlife Service		
<b>NPS</b>	National Park Service		
<i>Department of Agriculture</i>			
<b>USFS</b>	Forest Service		

## 2012 Northwest Fire Season Summary

**F**ire Season 2012 was long and arduous. Nationally, the season began in March and April with a pulse of large fire activity, primarily in the Rocky Mountain Area. In the months that followed, activity widened to a number of other Geographic Areas. At the peak of this activity, over 3,000 NW personnel, firefighters and overhead and logistical support staff were mobilized in support of the National effort.

On July 8<sup>th</sup>, the NW took its turn when the first of three distinct lightning episodes ignited several fires in Oregon. In July alone, Southeast Oregon would burn over 1.1 million acres, including the Long Draw fire, which blackened 557,628 acres, surpassing the Biscuit Fire of 2002, and becoming the largest fire on record in the Northwest since 1865. Another pulse arrived in early August, and finally on September 8<sup>th</sup> and 9<sup>th</sup>, lightning caused over 200 ignitions in the Washington Cascades resulting in complexes that would span four counties and threaten over 1,000 residences. Rain showers arriving at the middle of October ended the season. Over 1.6 million acres had burned in the NW, surpassing more than three times the 10-year average, despite a lower than average number of ignitions.

**Chart 1: NW 2012 Reported Acres Burned vs. 10-Year Average**

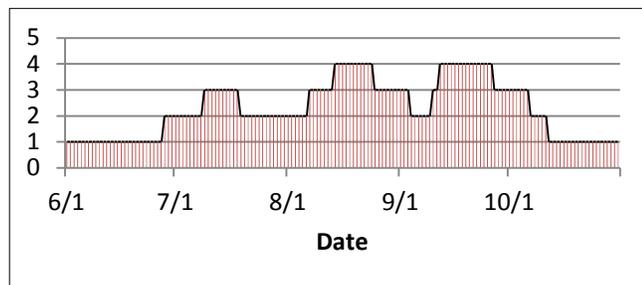


Source: 2012 figures - Interagency Situation Report (SIT-209). Previous years - federal and state reporting (KCAST, WFMI, ODF, DNR).

The NW Preparedness Level rose to 4 on two separate periods in August and September totaling 26 days. Reaching PL 4 is typical (3 out of every 4 years on average), but the length of elevated activity was not. The PL did not drop to 3 until September 26th, 10 days later than any previous year.<sup>1</sup>

Over 98 days of critical fire activity, 33 Type 1 and 2 Incident Management Team deployments occurred on 28 NW fires. At peak, over 7,000 personnel were assigned in the Northwest. Over 26,682 orders for crews, aircraft, equipment, overhead and supplies were processed by NWCC.

**Chart 2: 2012 NW Preparedness Levels**



<sup>1</sup> PL records exist from 2005 to 2012. 2006 is the only year that has reached PL 5 in that span.

## FIRE MAPS & STATISTICS

**Table 2: NW 2012 Large Fires List**

In order by start date. Large fire defined as >100 acres in timber, >300 acres, grass/brush.

Source: ICS-209. Individual fires within complexes are not listed. Containment dates and costs listed are unofficial, based on best available information.

\* Ownership Acronyms, see Appendix, Unit Identifier Legend. † Cause: H=Human, L=Lightning, U=Undetermined/Under Investigation.

\*\*Fuel; B=Brush, G=Grass, T=Timber. \*\*\* IMT=Highest level assigned to incident

Incident	Owner *	Start Date	Contain Date	Cause †	Fuel **	IMT ***	PSA	Acres	Cost	Location
Blue Joint	OR-LAD	3/23	3/23	U	G	5	E5	3,435	\$5,000	22 miles NE of Plush, OR
Meteor	WA-COA	4/11	4/12	H	G	4	E2	1,003	\$25,000	4 miles W of Inchelium, WA
Blue Mountain	OR-VAD	4/23	4/24	L	G	3	E5	5,721	\$75,000	17 miles N of McDermitt, NV
Hickey	OR-LAD	5/16	5/22	H	G	3	C3	411	\$619,000	12 miles E of Lakeview, OR
Flat Top	OR-VAD	6/1	6/3	L	G	4	E2	400	\$20,000	6 miles W of Burns Junction, OR
Jackies Butte	OR-VAD	6/3	6/4	L	G	4	E5	441	\$10,000	12 miles SE of Burns Junction, OR
Milepost 31	WA-WFS	6/13	6/15	H	B	3	E3	1,141	\$217,000	7 miles W of Othello, WA
Navarre	WA-SES	7/5	7/11	H	G	3	E1	800	\$950,000	12 miles W of Chelan, WA
Long Draw	OR-VAD	7/8	7/15	L	G	1	E5	557,628	\$4,360,000	6 miles W of Basque, OR
Miller Homestead	OR-BUD	7/8	7/24	L	B	2	E5	160,853	\$6,000,000	1/2 mile W of Frenchglen, OR
Briley Mountain	OR-ODF	7/9	7/12	L	B	3	E3	751	\$550,000	3 miles NE of Monument, OR
Bickelton 25	WA-SES	7/9	7/10	L	B	3	E4	530	\$275,000	8 miles SE of Bickleton, WA
Bonita Complex	OR-VAD	7/9	7/16	L	G	2	E5	18,188	\$2,125,000	20 miles NW of Westfall, OR
Cache Butte	WA-SPD	7/10	7/12	H	B	3	E3	470	\$80,000	16 miles SW of Coulee Dam, WA
Foster Creek	WA-SES	7/13	7/17	L	G	3	E3	1,291	\$562,000	4 miles SE of Bridgeport, WA
Baker Canyon	OR-PRD	7/14	7/21	L	B	3	C2	8,309	\$160,000	20 miles N of Madras, OR
Lexsfall	OR-PRD	7/14	7/17	L	G	3	C2	1,680	\$25,000	11 miles NE of Madras, OR
Douglas County Complex	WA-WFS	7/15	7/17	L	B	3	E3	2,184	\$355,000	3 miles SW of Mansfield, WA
West Crater	OR-VAD	7/16	7/17	L	G	4	E5	933	\$100,000	10 miles N of Rome, OR
Slope Fire	OR-BUD	7/17	7/22	L	B	2	E5	763	\$500,000	15 miles E of Diamond, OR
Buck Creek	OR-PRD	7/18	7/19	L	B	3	C2	5,557	\$130,000	16 miles NE of Hampton, OR
Crack in the Ground	OR-LAD	7/18	7/22	L	G	3	E5	858	\$256,000	7 miles N of Christmas Valley, OR
241	WA-SPD	7/19	7/20	H	G	3	E3	4,615	\$175,000	26 miles E of Moxee, WA
Lava	OR-LAD	7/23	9/6	L	B	3	E5	21,546	\$1,820,000	15 miles NE of Fort Rock, OR
Water Tower	OR-BUD	7/24	7/27	L	B	3	E5	1,540	\$400,000	13 miles SE of Fields, OR
Danner Loop	OR-VAD	7/27	7/29	L	B	4	E5	887	\$60,000	31 miles NE of Burns Junction, OR
Crane Road	WA-WFS	8/1	8/5	H	B	3	E2	12,500	\$650,000	6 miles E of Brewster, WA
Weissenfels Ridge	WA-WFS	8/2	8/4	H	B	3	E3	2,494	\$175,000	5 miles S of Asotin, WA
Cougar	OR-VAD	8/5	8/6	L	B	3	E5	467	\$95,000	50 miles S of Jordan Valley, OR
Fort Complex (NWCC Portion)	CA-KNF	8/5	9/11	L	T	1	W4	2,263	\$26,747,381	10 miles NW of Happy Camp, CA
Holloway (OR Portion)	NV-WID	8/5	8/25	L	B	1	E5	245,308	\$9,166,719	25 miles E of Denio, WA
Buckhead Complex	OR-WIF	8/5	8/31	L	T	3	W2	282	\$3,570,956	2 miles N of Westfir, OR
Antoine 2	WA-SPD	8/5	8/10	H	G	2	C1	6,837	\$2,067,000	6 miles N of Chelan, WA
Lytle	OR-VAD	8/6	8/8	L	G	3	E5	5,357	\$88,000	3 miles S of Vale, OR
Geneva Twelve	OR-OCF	8/6	8/9	L	G	2	C2	1,337	\$1,080,025	8 miles W of Culver, OR
Barry Point (OR Portion)	OR-FWF	8/6	8/27	L	T	1	E5	54,677	\$23,247,235	22 miles SW of Lakeview, OR
Waterfalls 2	OR-WSA	8/9	9/16	L	T	2	C2	12,246	\$15,000,000	25 miles W of Warm Springs, OR
Ten Mile Complex	OR-VAD	8/10	8/18	L	B	1	E5	14,036	\$2,275,000	3 miles NE of McDermitt, NV
Taylor Bridge	WA-SES	8/13	8/28	H	G	2	C1	23,500	\$10,600,000	5 miles SE of Cle Elum, WA
Butte	OR-UPF	8/14	9/1	U	T	2	W4	142	\$2,999,000	15 miles NE of Chemult, OR
Buffalo Lake Road	WA-COA	8/14	8/19	L	G	2	E1	11,299	\$1,786,540	2.5 miles NE of Coulee Dam, WA
Ice Cave	OR-DEF	8/16	8/23	H	T	3	C3	120	\$265,000	18 miles SE of Bend, OR
Diamond Butte	WA-YAA	8/19	8/28	L	T	2	C1	285	\$2,000,000	23 miles W of Warm Springs, OR
Death Wind Canyon	WA-SPD	8/19	8/21	L	G	4	E3	823	\$50,000	11 miles E of Wenatchee, WA

Incident	Owner *	Start Date	Contain Date	Cause †	Fuel ††	IMT †††	PSA	Acres	Cost	Location
Sardine	OR-VAD	8/19	8/21	L	B	3	E4	6,070	\$100,000	14 miles ESE of Baker, OR
Cache Creek	OR-WWF	8/20	10/24	L	G	2	E4	73,697	\$11,250,000	41 miles NNE of Enterprise, OR
Danner Loop 2	OR-VAD	8/28	9/2	L	B	3	E5	20,432	\$200,000	8 miles W of Jordan Valley, OR
Parish Cabin	OR-MAF	8/28	9/13	H	T	2	E4	6,481	\$6,700,000	15 miles NE of Seneca, OR
Icy Creek	OR-OWF	9/3	10/24	L	T	4	C1	1,154	\$25,000	15 miles W of Stehikan, WA
Slate Creek	OR-ODF	9/3	9/3	U	T	3	W4	154	\$900,000	13 miles W of Grants Pass, OR
Little Park Creek	WA-SES	9/5	9/6	U	B	3	E3	700	\$74,000	12 miles NE of Ellensburg, WA
Highway 141	WA-SES	9/5	9/11	U	T	2	C1	1,644	\$2,939,629	2.5 miles SW of White Salmon, WA
Manila Creek Complex	WA-COA	9/8	9/13	L	G	2	E2	1,641	\$960,000	12 NE of Coulee Dam, WA
Barker Canyon Complex	WA-SPD	9/8	9/19	L	B	2	E3	81,155	\$2,290,268	4 miles S of Grand Coulee, WA
Yakima Complex	WA-OWF	9/8	10/26	L	T	2	C1	2,300	\$8,650,000	16 miles NW of Ellensburg, WA
Table Mountain Complex	WA-OWF	9/8	10/5	L	T	1	C1	42,312	\$17,900,000	17 miles N of Ellensburg, WA
Apache Pass	WA-WFS	9/9	9/14	L	B	2	E3	23,324	\$680,000	17 miles SW of Creston, WA
Wenatchee Complex	WA-OWF	9/9	10/30	L	T	1	C1	56,478	\$32,394,876	2 miles W of Wenatchee, WA
Radio	WA-COF	9/9	10/20	L	T	3	E5	191	\$621,334	2 miles SW of Laurier, WA
Pole Creek	OR-DEF	9/9	10/18	L	T	2	C2	26,795	\$17,376,000	6 miles SW of Sisters, OR
Cascade Creek	WA-GPF	9/9	10/15	L	T	2	W2	20,296	\$14,243,913	35 miles N of Hood River, OR
Okanogan Complex	WA-OWF	9/9	10/2	L	T	2	E1	6,169	\$7,916,000	2 miles N of Methow, WA
Hunsaker	OR-VAD	9/15	9/20	U	G	3	E4	693	\$560,000	15 miles NE of Halfway, OR
Bear Slide	OR-VAD	9/16	10/1	L	B	4	C2	1,680	\$70,000	5 miles NNE of Warm Springs
Goat	WA-OWF	9/16	10/22	L	T	2	E1	7,378	\$2,855,571	3 miles SW of Pateros, WA
Trail 2	OR-WSA	9/17	10/1	L	T	4	C2	109	\$140,000	14 miles SW of Warm Springs, OR
Bald Mountain	OR-WWF	9/18	10/24	L	T	4	E4	1,069	\$225,000	12 miles SW of Enterprise, OR
South Point	WA-GPF	9/19	10/22	L	T	3	W2	450	\$400,000	6 miles S of Packwood, WA
Rooper	OR-PRD	9/25	9/26	H	G	3	C2	660	\$10,000	3 miles N of Antelope, OR
St Marys Mission Road	WA-COA	10/2	10/14	U	B	2	E1	17,031	\$4,400,000	4 miles SE of Omak, WA
Powerline#2	WA-SPS	10/4	10/10	U	T	2	W1	229	\$914,438	2 miles NE of Shelton, WA
Juniper Creek	OR-VAD	11/1	11/2	H	G	4	E5	2,000	\$15,000	24 miles NW of Jordan Valley, OR
<b>Total Count</b>								<b>Total Acres</b>	<b>Total Cost</b>	
<b>72</b>								<b>1,598,200</b>	<b>\$256,527,885</b>	

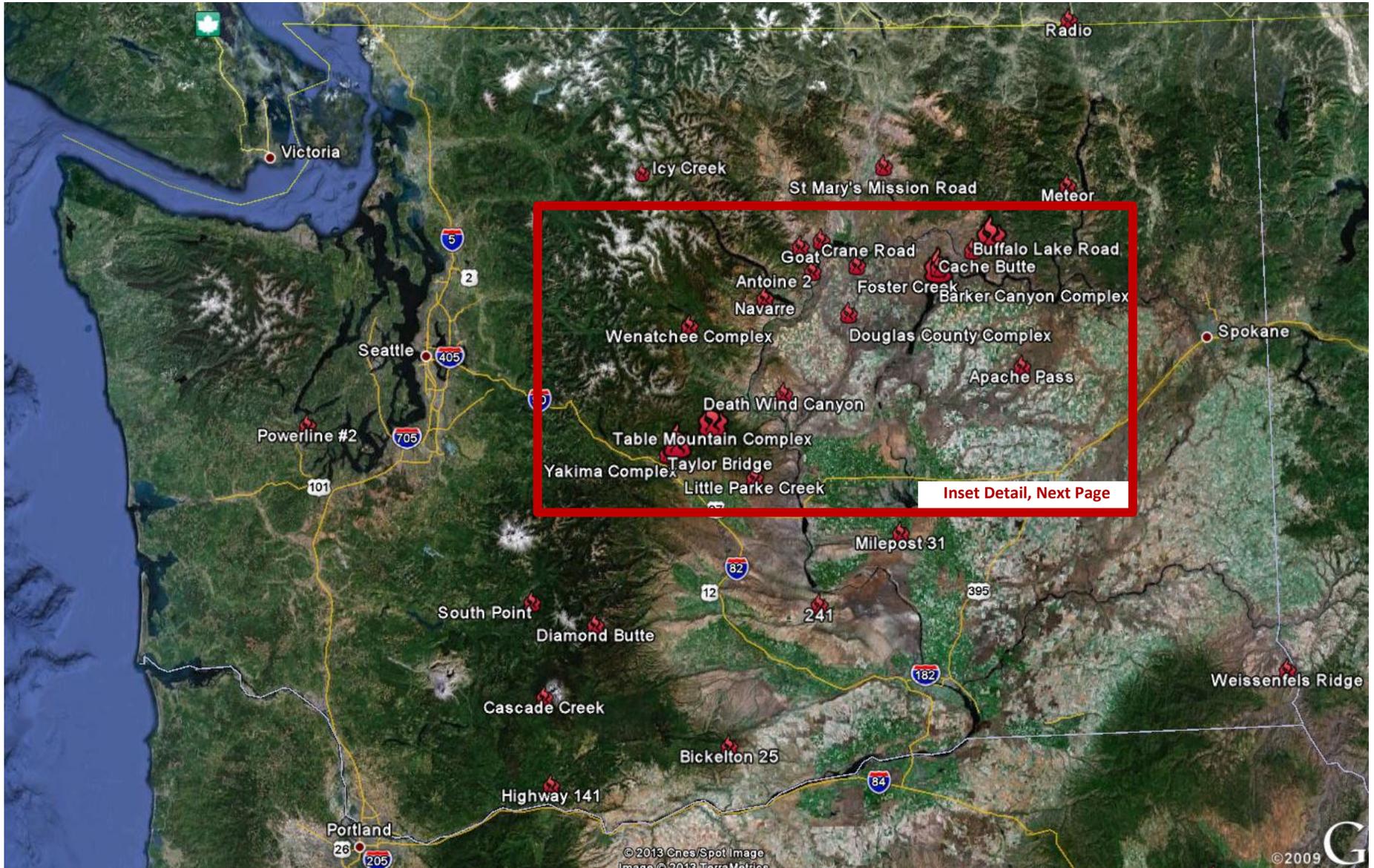
**Table 3: NW 2012 Fires List: Confine/Monitor/Point Zone Protection**

Source: ICS-209. Any size. Fires listed if last-reported suppression strategy was other-than *full suppression* (management strategy can change over the duration of the fire). All fires listed were lightning-caused.

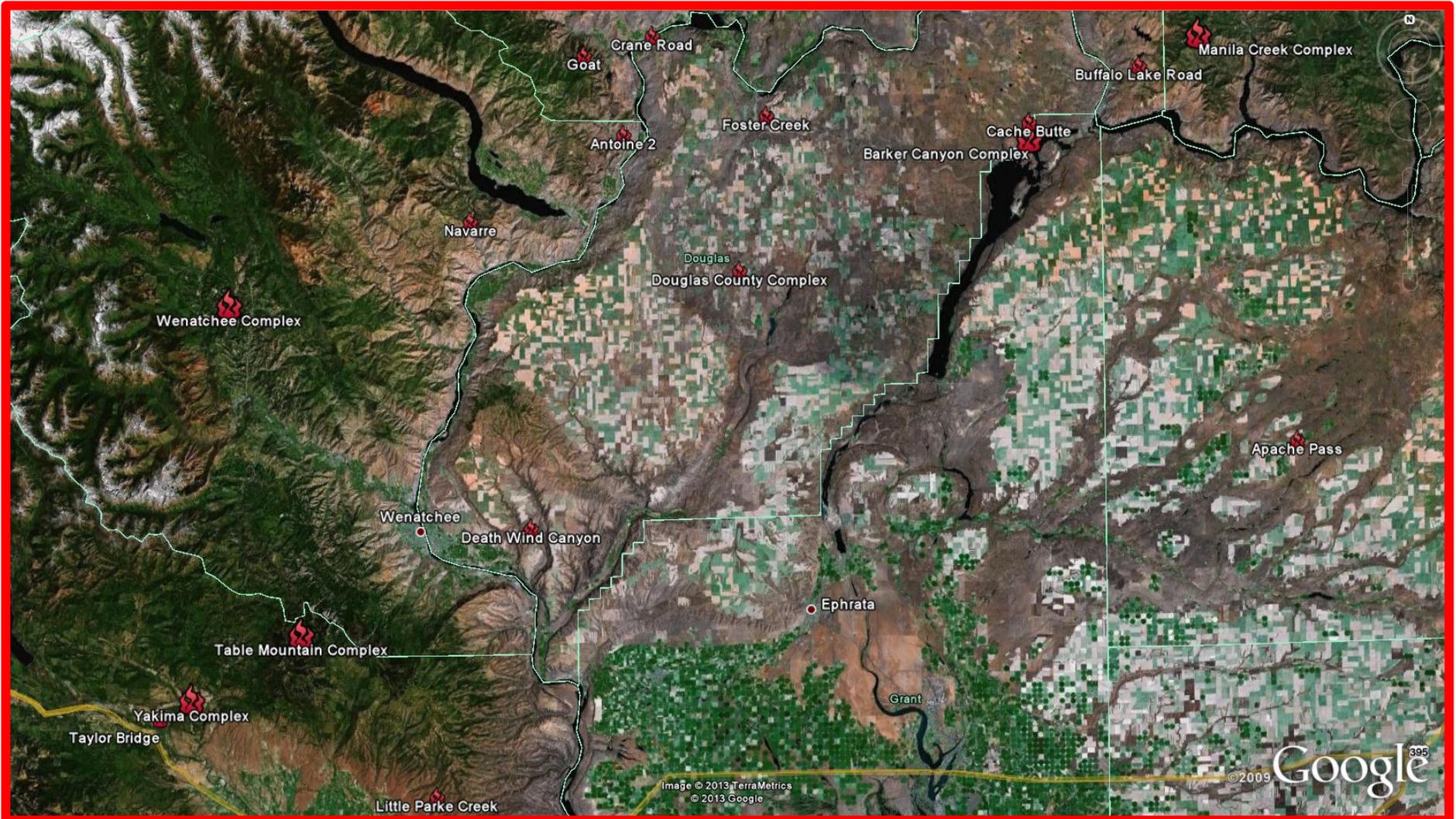
Incident	Owner	Start Date	Contain Date	Out Date	Acres	Cost	Notes
<i>Strategy Confine</i>							
Radio	WA-COF	9/9	10/20	10/24	191	\$621,334	Non-wilderness. Origin 0.3 miles inside COF boundary. Rugged terrain. 2 miles S of Canadian border. Hi visibility from Hwy 395.
<i>Strategy Monitor</i>							
Sefrit	WA-MSF	7/13	10/15	10/15	0	\$2,000	Origin 0.3 miles outside Mt. Baker Wilderness.
Lost Monument	WA-OWF	8/6	8/20	10/17	50	\$20,000	Pasayten Wilderness.
Tenas Ridge	WA-MSF	9/9	10/15	10/15	1	\$1,000	Origin 2 miles within Mt. Baker-Snoqualmie NF.
South Point	WA-GPF	9/19	10/22	10/22	450	\$400,000	Origin 2 miles W of Goat Rocks Wilderness.
Crosby Mountain	WA-MSF	10/4	10/15	10/15	1	\$5,000	Origin 1/2 mile N of Alpine Lakes Wilderness, 2 miles from MSF Forest boundary.
<i>Strategy Point Zone Protection</i>							
Bald Mountain	OR-WWF	9/18	10/24	10/24	1,069	\$225,000	In Eagle Cap Wilderness. Origin 5 miles W of wilderness boundary.
<b>Total Count</b>					<b>Total Acres</b>	<b>Total Cost</b>	
<b>7</b>					<b>1,762</b>	<b>\$1,274,334</b>	

## NW 2012 Large Fire Location Maps

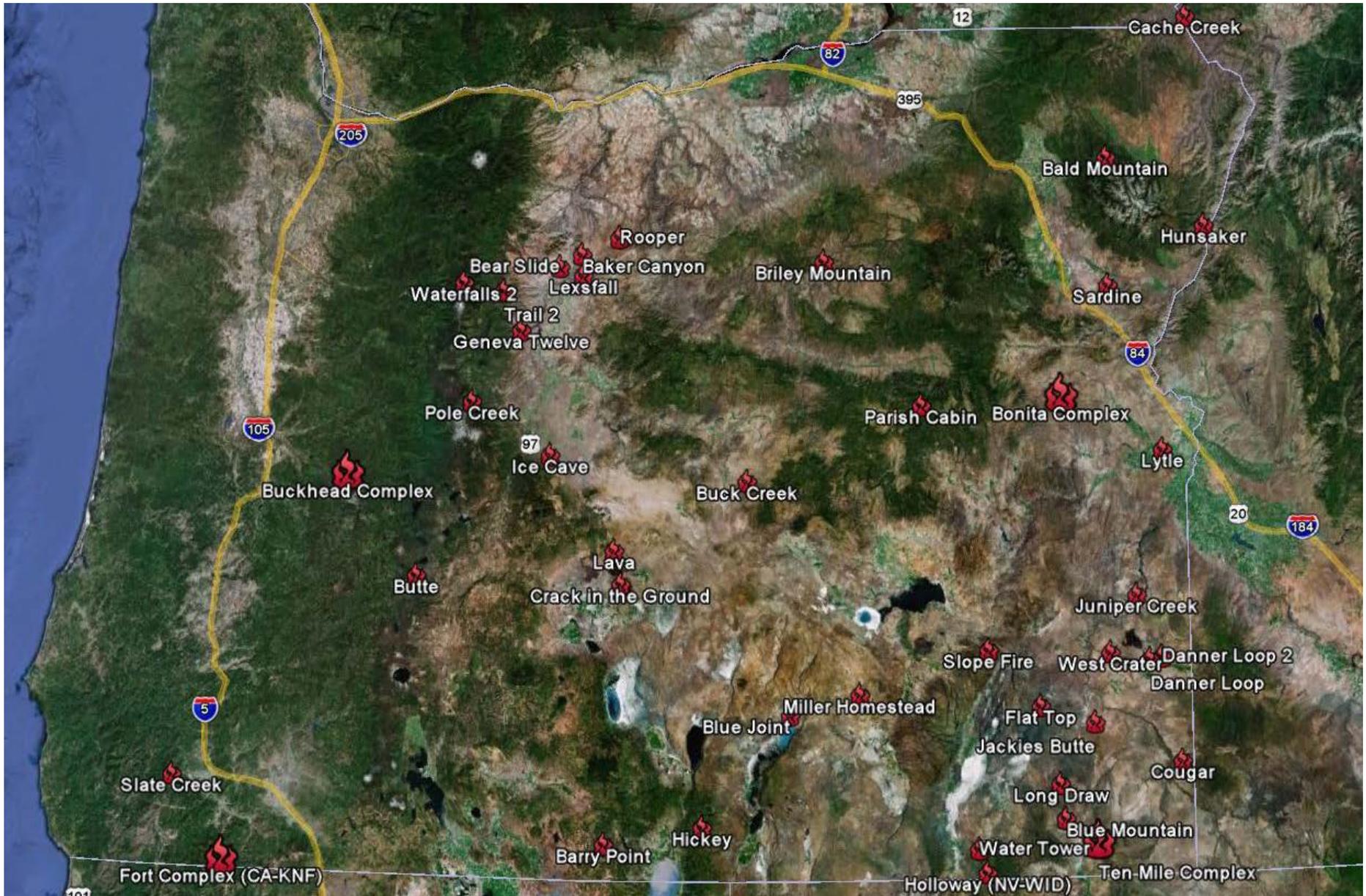
### Map 1: Washington



Map 2: Central Washington (Detail)



Map 3: Oregon

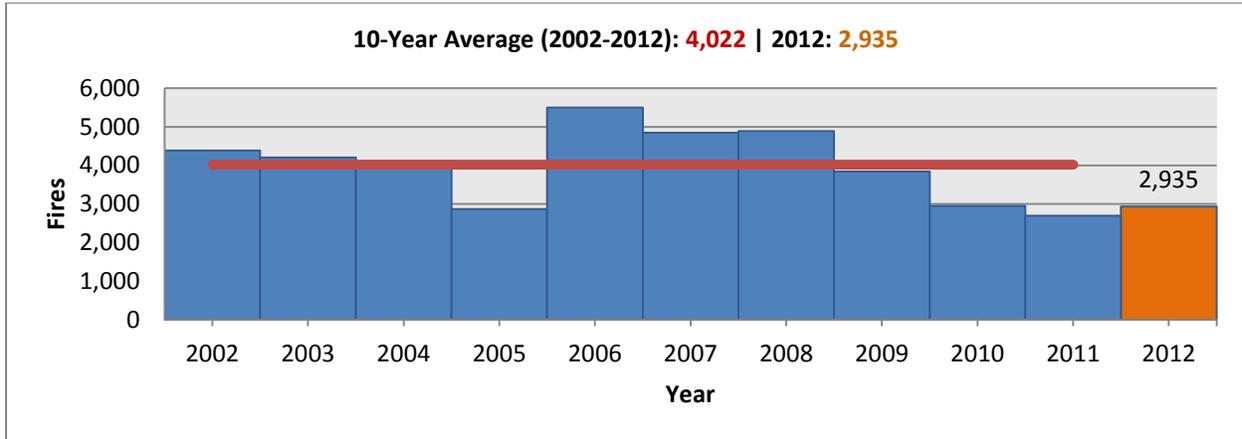


## Fire Statistics

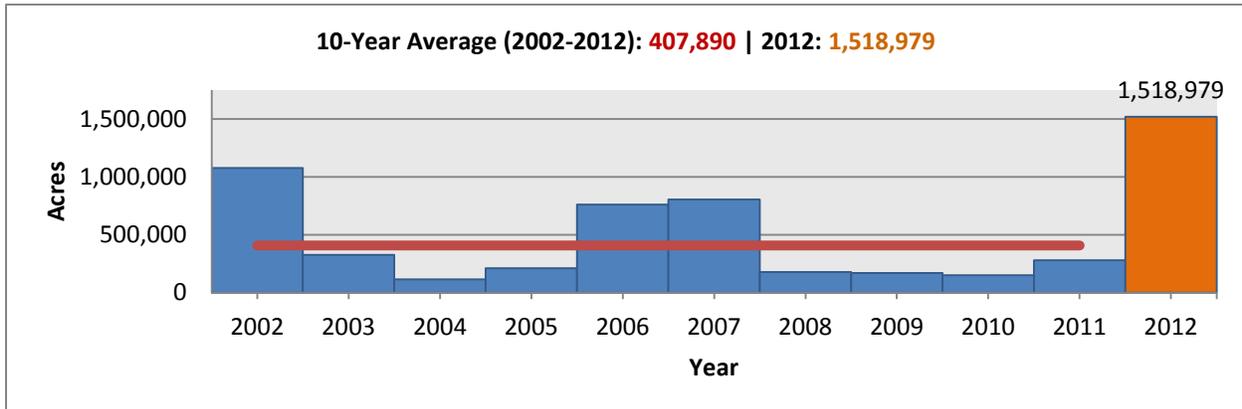
### NW Area Annual Fire Occurrence Charts

Source: 2012 figures - Interagency Situation Report (SIT-209), reported 12/31/2012. Previous years - federal and state reporting (KCFast, WFMI, ODF, DNR).

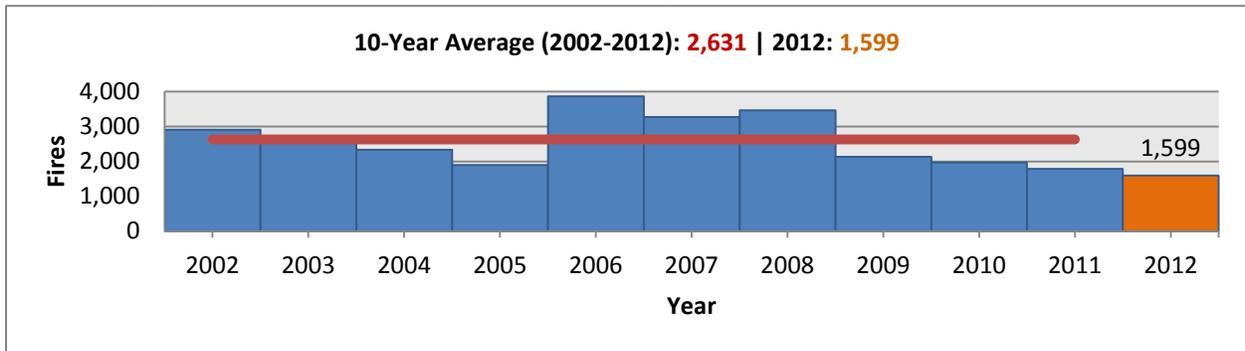
**Chart 3: NW 2012 Reported Fires vs. 10-Year Average**



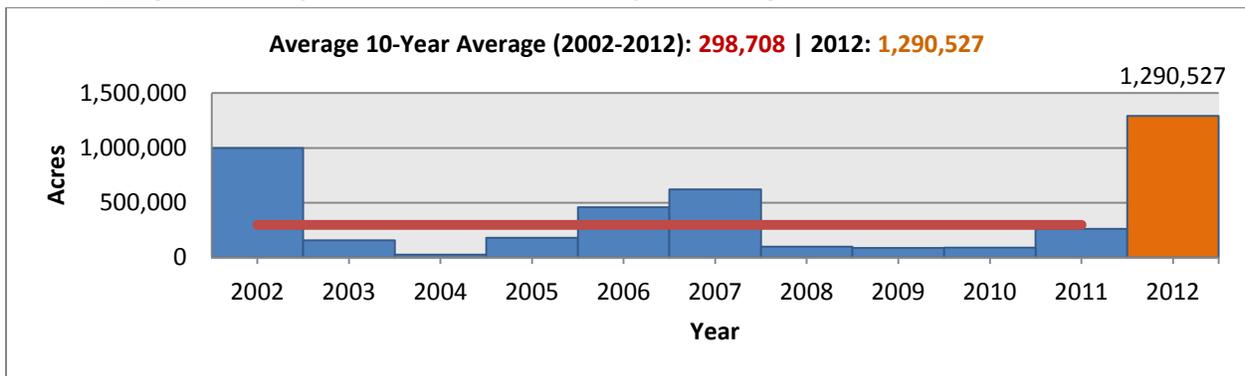
**Chart 4: NW 2012 Reported Acres Burned vs. 10-Year Average**



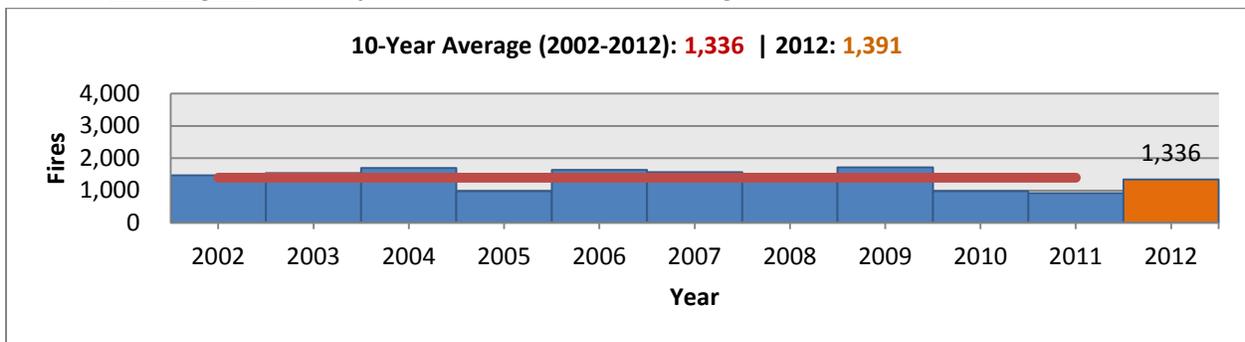
**Chart 5: Oregon 2012 Reported Fires vs. 10-Year Average**



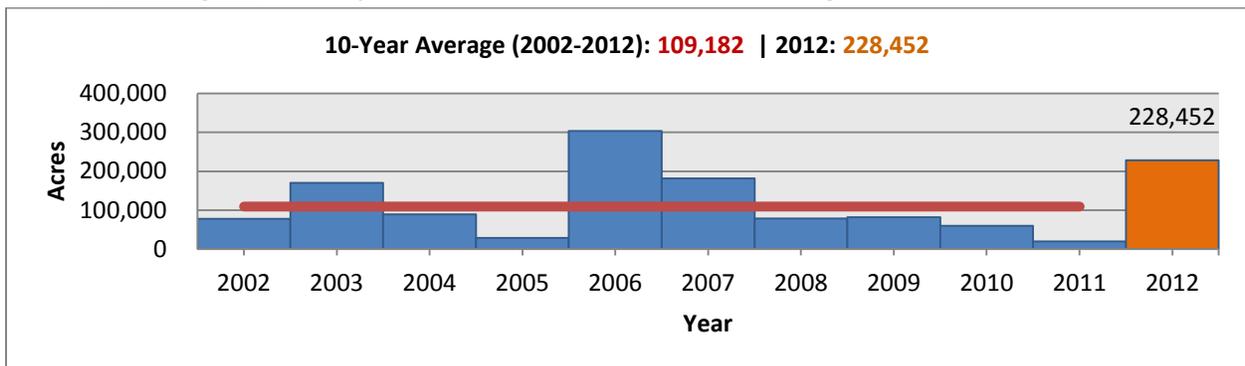
**Chart 6: Oregon 2012 Reported Acres Burned vs. 10-year Average**



**Chart 7: Washington 2012 Reported Fires vs. 10-Year Average**



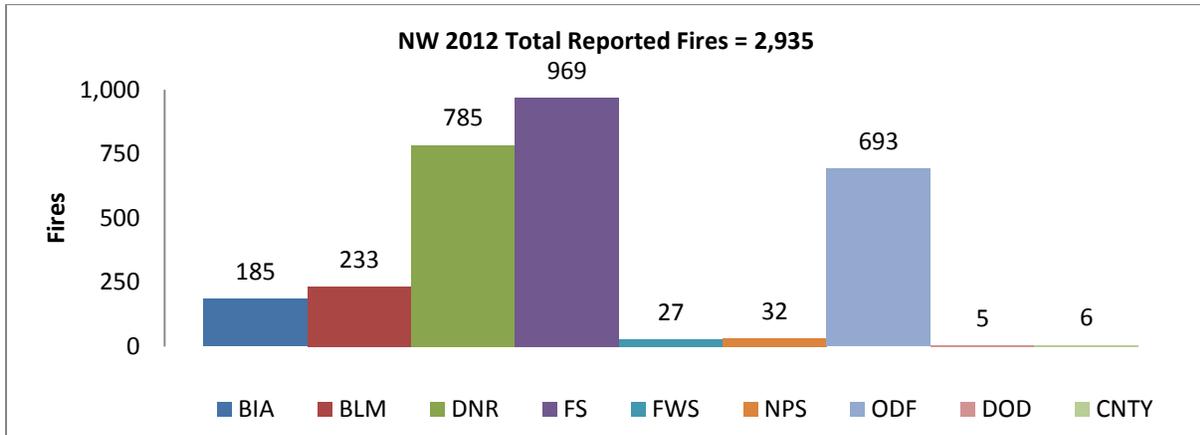
**Chart 8: Washington 2012 Reported Acres Burned vs. 10-Year Average**



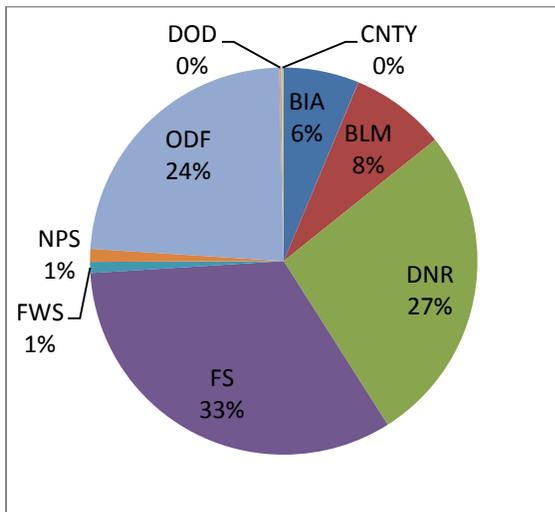
**NW 2012 Fire Occurrence by Agency - Fires**

Source: Interagency Situation Report (SIT-209), reported 12/31/2012.

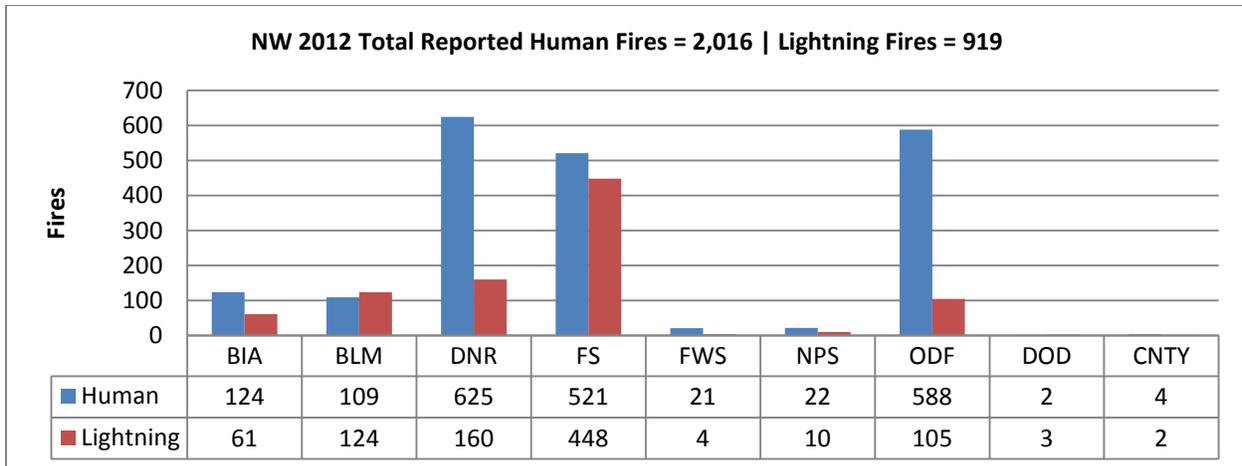
**Chart 9: NW 2012 Reported Fires by Agency**



**Chart 10: NW 2012 Reported Fires by Agency as a Percentage of Total**



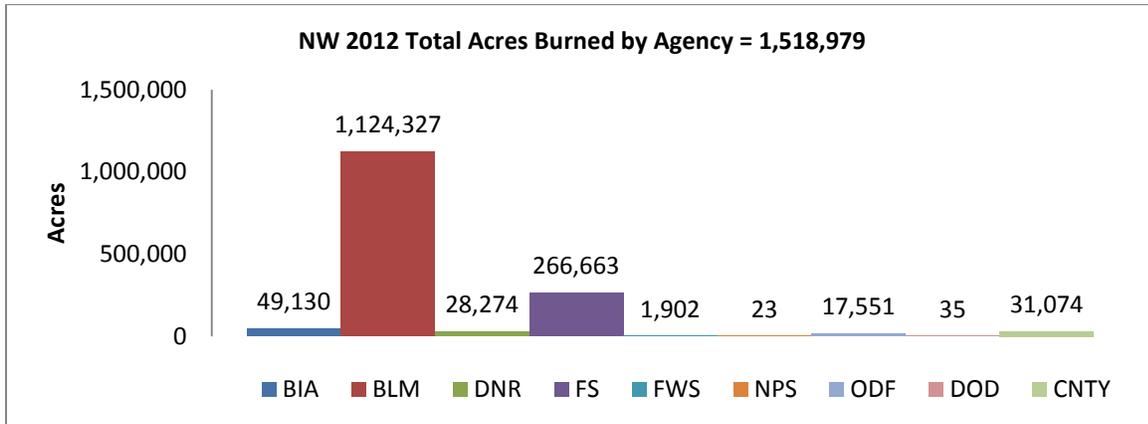
**Chart 11: NW 2012 Reported Fires by Agency by Cause (Human/Lightning)**



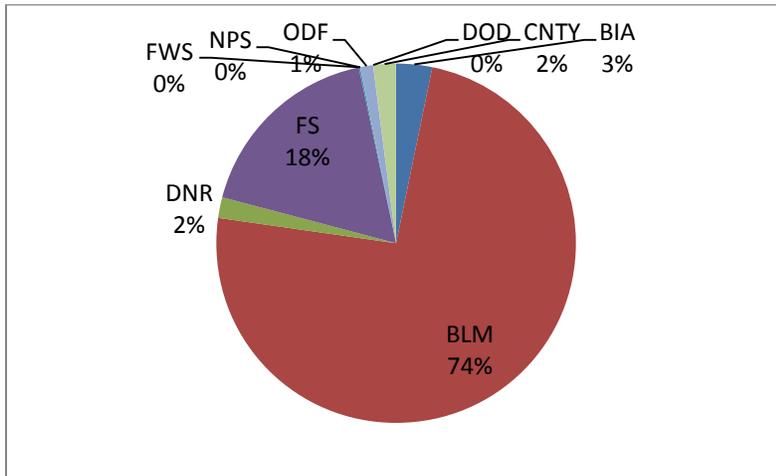
### NW 2012 Fire Occurrence by Agency - Acres Burned

Source: Interagency Situation Report (SIT-209), reported 12/31/2012.

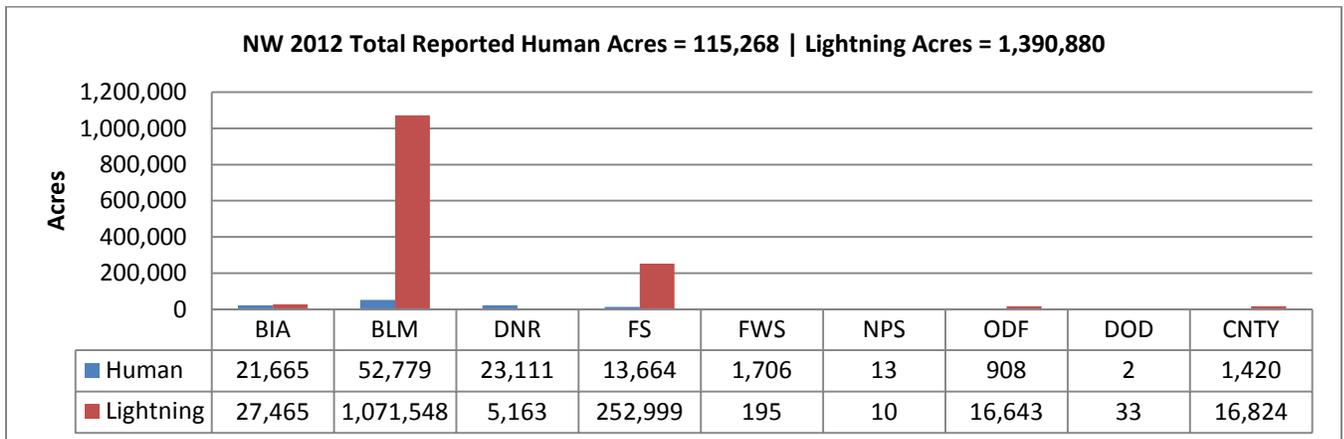
**Chart 12: NW 2012 Reported Acres Burned by Agency**



**Chart 13: NW 2012 Reported Acres Burned by Agency as a Percentage of Total**



**Chart 14: NW 2012 Reported Acres Burned by Agency by Cause (Human/Lightning)**



**Table 4: Individual Units Fires & Acres** - Grouped by Agency & State

Source: Interagency Situation Report (SIT-209) unless noted, reported 12/31/2012.

	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Total Year to Date California <sup>1</sup>	0	0	13	1,374	13	1,374
Total Year to Date Idaho <sup>2</sup>	0	0	2	21	2	21
Total Year to Date Nevada <sup>3</sup>	0	0	0	0	0	0
<b>Total Year to Date Oregon</b>	<b>1,118</b>	<b>40,511</b>	<b>475</b>	<b>1,218,942</b>	<b>1,593</b>	<b>1,259,453</b>
<b>Total Year to Date Washington</b>	<b>898</b>	<b>87,587</b>	<b>444</b>	<b>171,939</b>	<b>1,342</b>	<b>259,526</b>
<b>Total Year to Date Northwest</b>	<b>2,016</b>	<b>128,098</b>	<b>934</b>	<b>1,392,276</b>	<b>2,950</b>	<b>1,520,374</b>

Bureau of Indian Affairs Oregon						
Siletz Field Office	0	0	0	0	0	0
Umatilla Agency	4	2	1	0	5	2
Warm Springs Agency	37	3,069	23	14,305	60	17,374
<b>Oregon BIA Total</b>	<b>41</b>	<b>3,071</b>	<b>24</b>	<b>14,305</b>	<b>65</b>	<b>17,376</b>
Washington						
Colville Agency	59	18,201	37	13,160	96	31,361
Olympic Peninsula Agency	0	0	0	0	0	0
Puget Sound Agency	0	0	0	0	0	0
Quinault Nation Tribe	0	0	0	0	0	0
Spokane Agency	7	47	0	0	7	47
Yakama Agency	17	346	0	0	17	346
<b>Washington BIA Totals</b>	<b>83</b>	<b>18,594</b>	<b>37</b>	<b>13,160</b>	<b>120</b>	<b>31,754</b>
<b>Total BIA</b>	<b>124</b>	<b>21,665</b>	<b>61</b>	<b>27,465</b>	<b>185</b>	<b>49,130</b>

Bureau of Land Management Oregon						
Burns Interagency Fire Zone	4	330	14	223,261	18	223,591
Coos Bay District	8	1	2	0	10	1
Eugene District	0	0	0	0	0	0
Glendale District					0	0
Grants Pass District					0	0
BLM Lands-Klamath Fire Center	1	1	0	0	1	1
Lakeview District	13	4,156	14	22,406	27	26,562

<sup>1</sup> California portion under NWCC reporting

<sup>2</sup> Idaho portion under NWCC reporting

<sup>3</sup> Nevada portion under NWCC reporting

FIRE MAPS & STATISTICS | Fire Statistics

	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Medford District	0	0	0	0	0	0
Prineville District	23	1,985	41	15,739	64	17,724
Roseburg District	9	1	1	0	10	1
Salem District	15	2	0	0	15	2
Vale District	11	22,850	30	784,006	41	806,856
<b>Oregon BLM Total</b>	<b>84</b>	<b>29,326</b>	<b>102</b>	<b>1,045,412</b>	<b>186</b>	<b>1,074,738</b>
<b>Washington</b>						
Spokane District	25	23,453	22	26,136	47	49,589
<b>Washington BLM Total</b>	<b>25</b>	<b>23,453</b>	<b>22</b>	<b>26,136</b>	<b>47</b>	<b>49,589</b>
<b>Total BLM</b>	<b>109</b>	<b>52,779</b>	<b>124</b>	<b>1,071,548</b>	<b>233</b>	<b>1,124,327</b>

	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
<b>US Fish and Wildlife Service Nevada</b>						
Sheldon NWR (Nevada portion)	0	0	0	0	0	0
<b>Nevada USFWS Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Oregon</b>						
Ankeny NWR	0	0	0	0	0	0
Basket Slough NWR	0	0	0	0	0	0
Bear Valley NWR	0	0	1	0	1	0
Cold Springs NWR	0	0	0	0	0	0
Hart Mtn NWR	0	0	1	1	1	1
Klamath Lake Refuges	0	0	0	0	0	0
Malheur NWR	0	0	0	0	0	0
McKay Creek NWR	2	48	0	0	2	48
Upper Klamath Refuge	0	0	0	0	0	0
Umatilla NWR - Oregon Unit	0	0	0	0	0	0
Finley NWR	1	1	0	0	1	1
<b>Oregon USFWS Total</b>	<b>3</b>	<b>49</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>50</b>
<b>Washington</b>						
Columbia NWR	5	1,297	0	0	5	1,297
Conboy Lake NWR	0	0	0	0	0	0
Hanford Reach NWR	7	245	0	0	7	245
Little PendOreille NWR	0	0	0	0	0	0
Mid-Columbia Refuges	0	0	0	0	0	0
McNary NWR	2	1	0	0	2	1
Saddle Mt NWR	1	1	1	190	2	191
Turnbull NWR	2	83	2	1	4	84
Toppenish NWR	1	30	0	0	1	30
Umatilla NWR - Washington Unit	0	0	1	4	1	4
Willapa NWR	0	0	0	0	0	0
<b>Washington USFWS Total</b>	<b>18</b>	<b>1,657</b>	<b>4</b>	<b>195</b>	<b>22</b>	<b>1,852</b>
<b>Fish &amp; Wildlife Service Total</b>	<b>21</b>	<b>1,706</b>	<b>6</b>	<b>196</b>	<b>27</b>	<b>1,902</b>

	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
						
<b>National Park Service Oregon</b>						
Crater Lake NP	5	4	0	0	5	4
Oregon Caves NM	0	0	0	0	0	0
<b>Oregon NPS Total</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>
<b>Washington</b>						
Lake Roosevelt NRA	4	4	2	1	6	5
Mt Rainier NP	0	0	2	8	2	8
North Cascades NP	5	1	2	1	7	2
Olympic NP	6	3	4	0	10	3
San Juan Islands NHP	2	1	0	0	2	1
Whitman Mission NH Site	0	0	0	0	0	0
<b>Washington NPS Total</b>	<b>17</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>27</b>	<b>19</b>
<b>National Park Service Total</b>	<b>22</b>	<b>13</b>	<b>10</b>	<b>10</b>	<b>32</b>	<b>23</b>

	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
						
<b>US Forest Service California</b>						
Rogue River-Siskiyou NF (California Portion)	0	0	13	1,374	13	1,374
<b>California NF Total</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>1,374</b>	<b>13</b>	<b>1,374</b>
<b>Idaho</b>						
Hells Canyon NRA	0	0	2	21	2	21
<b>Idaho NF Total</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>21</b>	<b>2</b>	<b>21</b>
<b>Oregon</b>						
Burns Interagency Fire Zone-USFS	7	4	5	4	12	8
Columbia River Gorge NSA	13	30	1	0	14	30
Deschutes NF	100	357	43	26,833	143	27,190
Fremont/Winema NF (OR-KFC)	16	48	11	1	27	49
Fremont/Winema NF (OR-LFC)	10	3	10	43,233	20	43,236
John Day (Malheur NF)	35	6,526	27	41	62	6,567
Mt Hood NF	74	94	12	9	86	103
Ochoco NF	14	3	9	1,343	23	1,346
Rogue River-Siskiyou NF	12	3	0	0	12	3
Siuslaw NF	20	2	0	0	20	2
Umatilla NF-Oregon	5	5	23	4	28	9
Heppner District Umatilla NF	3	3	4	2	7	5
Umpqua NF	20	4	26	152	46	156
Willamette NF	32	11	31	301	63	312
Wallowa Whitman NF	36	60	40	70,658	76	70,718
<b>Oregon NF Total</b>	<b>397</b>	<b>7,153</b>	<b>242</b>	<b>142,581</b>	<b>639</b>	<b>149,734</b>
<b>Washington</b>						
Colville NF	5	1	14	199	19	200

FIRE MAPS & STATISTICS | Fire Statistics

	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Gifford Pinchot NF	26	3	24	20,836	50	20,839
Mt.Baker-Snoqualmie NF	46	4	4	2	50	6
Olympic NF	5	3	0	0	5	3
Okanogan Wenatchee NF	41	6,500	155	89,378	196	95,878
Umatilla NF-Washington	1	0	9	3	10	3
<b>Washington NF Total</b>	<b>124</b>	<b>6,511</b>	<b>206</b>	<b>110,418</b>	<b>330</b>	<b>116,929</b>
<b>US Forest Service Total</b>	<b>521</b>	<b>13,664</b>	<b>463</b>	<b>254,394</b>	<b>984</b>	<b>268,058</b>

<b>Department of Defense Washington</b>						
Hanford Reservation FD	2	2	3	33	5	35
<b>Dept of Defense Total</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>33</b>	<b>5</b>	<b>35</b>

<b>STATES Oregon</b>						
<b>Oregon Department of Forestry<sup>4</sup></b>		588	908	105	16,643	693
<b>STATES Washington</b>						
Northeast Region		246	2,439	96	3,037	342
Northwest Region		61	38	0	0	61
Olympic Region		40	49	0	0	40
Pacific Cascade Region		124	225	6	1	130
Southeast Region DNR		81	20,075	57	2,125	138
South Puget Sound		73	285	1	0	74
<b>Washington DNR Total</b>		<b>625</b>	<b>23,111</b>	<b>160</b>	<b>5,163</b>	<b>785</b>
<b>States Total</b>		<b>1,213</b>	<b>24,019</b>	<b>265</b>	<b>21,806</b>	<b>1,478</b>

<b>Oregon</b>						
Burns Interagency Fire Zone - PRI		0	27	0	0	27
<b>BIFZ Private Lands Total</b>		<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>27</b>

<b>County and Rural Fire Districts</b>						
Oregon Fire Service		0	0	0	0	0
Washington Fire Service		4	14,250	2	16,824	6
<b>County and Rural FD Total</b>		<b>4</b>	<b>14,250</b>	<b>2</b>	<b>16,824</b>	<b>6</b>

<sup>4</sup> Oregon Department of Forestry Data: [http://www.odf.state.or.us/DIVISIONS/protection/fire\\_protection/fires/dailyFireReps.asp](http://www.odf.state.or.us/DIVISIONS/protection/fire_protection/fires/dailyFireReps.asp)

## RESOURCE INFORMATION & STATISTICS

### NW Incident Management Teams

Source: COGNOS/ROSS Reports.

**Table 5: NW IMT Assignment Summary**

	Assignments	Days Assigned
<b>Fire - Wildfire</b>	<b>39</b>	<b>390</b>
<b>Type 1</b>	<b>6</b>	<b>78</b>
<b>OR</b>	6	78
NW Morcom	3	48
NW Pendleton	3	30
<b>Type 2</b>	<b>33</b>	<b>312</b>
<b>OR</b>	<b>14</b>	<b>153</b>
OR Team 1 - Williams	3	45
OR Team 2 - Fillis	3	20
OR Team 3 - Rapp	3	32
OR Team 4 - Watts	5	56
<b>WA</b>	<b>19</b>	<b>159</b>
WA Team 1 - Johnson	4	43
WA Team 2 - Reed	4	24
WA Team 3 - LaFave	3	30
WA Team 4 - Nickey	3	32
WA Team 5 - Leitch/Thibo	5	30
<b>Preparedness/Preposition</b>	<b>7</b>	<b>21</b>
<b>Type 1</b>	<b>1</b>	<b>4</b>
<b>OR</b>	1	4
NW Morcom	1	4
<b>Type 2</b>	<b>6</b>	<b>17</b>
<b>OR</b>	3	8
OR Team 2 - Fillis	2	5
OR Team 3 - Rapp	1	3
<b>WA</b>	3	9
WA Team 1 - Johnson	1	2
WA Team 5 - Leitch/Thibo	2	7
<b>Grand Total</b>	<b>46</b>	<b>411</b>

**Table 6: Type 1 NW IMT Assignment History**

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
<b>NW Morcom</b>	OR-NWC	OR-LFC	Barry Point	Fire - Wildfire	08/13/12	15
	OR-NWC	WA-CWC	Table Mountain	Fire - Wildfire	09/21/12	17
	OR-NWC	OR-COC	0201 RAC Mob 2012	Preparedness/Prepo	09/16/12	4
	CO-RMC	WY-CPC	Arapaho	Fire - Wildfire	06/29/12	16
<b>NW Pendleton</b>	OR-NWC	OR-VAC	Long Draw	Fire - Wildfire	07/11/12	8
	OR-NWC	OR-VAC	Ten Mile Complex	Fire - Wildfire	08/20/12	3
	OR-NWC	WA-CWC	Wenatchee Complex	Fire - Wildfire	09/10/12	19

**Table 7: Oregon Type 2 IMT Assignment History**

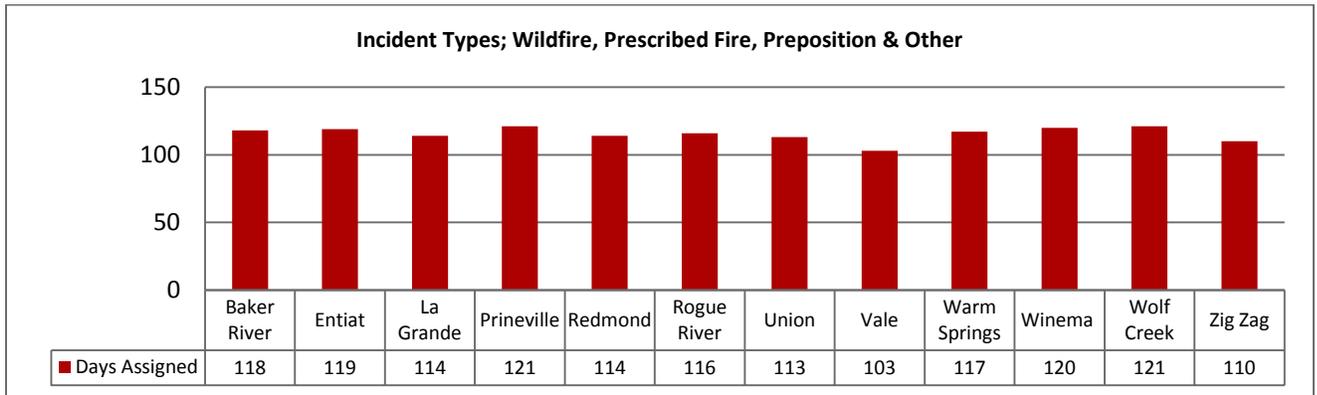
Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
<b>OR Team 1 - Williams</b>	OR-NWC	OR-VAC	Bonita Complex	Fire - Wildfire	07/10/12	8
	OR-NWC	WA-CWC	Okanogan Complex	Fire - Wildfire	09/11/12	16
	OR-NWC	OR-WSC	Waterfalls 2	Fire - Wildfire	08/14/12	21
<b>OR Team 2 - Fillis</b>	OR-NWC	OR-UPC	Butte	Fire - Wildfire	08/15/12	11
	UT-EBC	ID-EIC	Charlotte	Fire - Wildfire	06/29/12	1
	UT-EBC	UT-UBC	Wolf Den	Fire - Wildfire	07/01/12	8
	UT-EBC	UT-EBC	2012 EBC R4 Staging	Preparedness/Prepo	06/28/12	2
<b>OR Team 3 - Rapp</b>	UT-EBC	UT-EBC	2012 EBC R4 Staging	Preparedness/Prepo	06/29/12	3
	OR-NWC	OR-COC	0392 Geneva Twelve	Fire - Wildfire	08/07/12	4
	OR-NWC	OR-BMC	Cache Creek	Fire - Wildfire	08/21/12	16
	UT-EBC	UT-CDC	Shingle	Fire - Wildfire	07/02/12	12
<b>OR Team 4 - Watts</b>	UT-EBC	UT-EBC	2012 EBC R4 Staging	Preparedness/Prepo	07/01/12	3
	OR-NWC	OR-COC	0537 - Pole Creek	Fire - Wildfire	09/09/12	21
	OR-NWC	OR-LFC	Barry Point	Fire - Wildfire	08/08/12	9
	OR-NWC	OR-VAC	Long Draw	Fire - Wildfire	07/09/12	4
	OR-NWC	OR-BIC	Miller Homestead	Fire - Wildfire	07/12/12	11
	OR-NWC	OR-JDCC	Parish Cabin	Fire - Wildfire	08/29/12	11

**Table 8: Washington Type 2 IMT Assignment History**

Team Name	Incident GACC	Incident Dispatch	Incident Name	Incident Type	Mob ETD	Days Assigned
<b>WA Team 1 - Johnson</b>	OR-NWC	WA-YAC	Diamond Butte	Fire - Wildfire	08/21/12	9
	OR-NWC	WA-CAC	St Marys Mission Road	Fire - Wildfire	10/03/12	10
	OR-NWC	WA-CWC	Wenatchee Complex	Fire - Wildfire	09/09/12	23
	OR-NWC	WA-CWC	Yakima Complex	Fire - Wildfire	10/01/12	1
<b>WA Team 2 - Reed</b>	CO-RMC	CO-RMC	R2 - FY12 Staging/Prepo	Preparedness/Prepo	07/07/12	2
	OR-NWC	WA-CAC	Manila Creek #1	Fire - Wildfire	09/09/12	2
	OR-NWC	WA-CAC	Manila Creek Complex	Fire - Wildfire	09/10/12	5
	OR-NWC	WA-CWC	Table Mountain	Fire - Wildfire	09/15/12	2
	OR-NWC	WA-CWC	Taylor Bridge	Fire - Wildfire	08/14/12	15
<b>WA Team 3 - LaFave</b>	OR-NWC	WA-CWC	Antoine 2	Fire - Wildfire	08/06/12	5
	OR-NWC	WA-CCC	Cascade Creek	Fire - Wildfire	09/09/12	18
	OR-NWC	WA-SPC	Powerline #2	Fire - Wildfire	10/05/12	7
<b>WA Team 4 - Nickey</b>	OR-NWC	WA-CWC	Barker Canyon	Fire - Wildfire	09/10/12	7
	OR-NWC	WA-CAC	Buffalo Lake Road	Fire - Wildfire	08/15/12	7
	OR-NWC	WA-CCC	Cascade Creek	Fire - Wildfire	09/22/12	18
<b>WA Team 5 – Leitch/Thibo</b>	OR-NWC	WA-WAC	Apache Pass	Fire - Wildfire	09/12/12	4
	OR-NWC	WA-CWC	Goat	Fire - Wildfire	09/22/12	1
	OR-NWC	WA-CWC	Highway 141	Fire - Wildfire	09/06/12	7
	NV-WBC	NV-EIC	Bull Run Complex	Fire - Wildfire	08/10/12	10
	UT-EBC	ID-BDC	ID-ISO 2012 Support	Preparedness/Prepo	08/08/12	3
	CO-RMC	WY-CPC	Oil Creek	Fire - Wildfire	07/01/12	8
	CO-RMC	CO-RMC	R2 - FY12 Staging/Prepo	Preparedness/Prepo	06/28/12	4

## NW Interagency Hotshot Crews

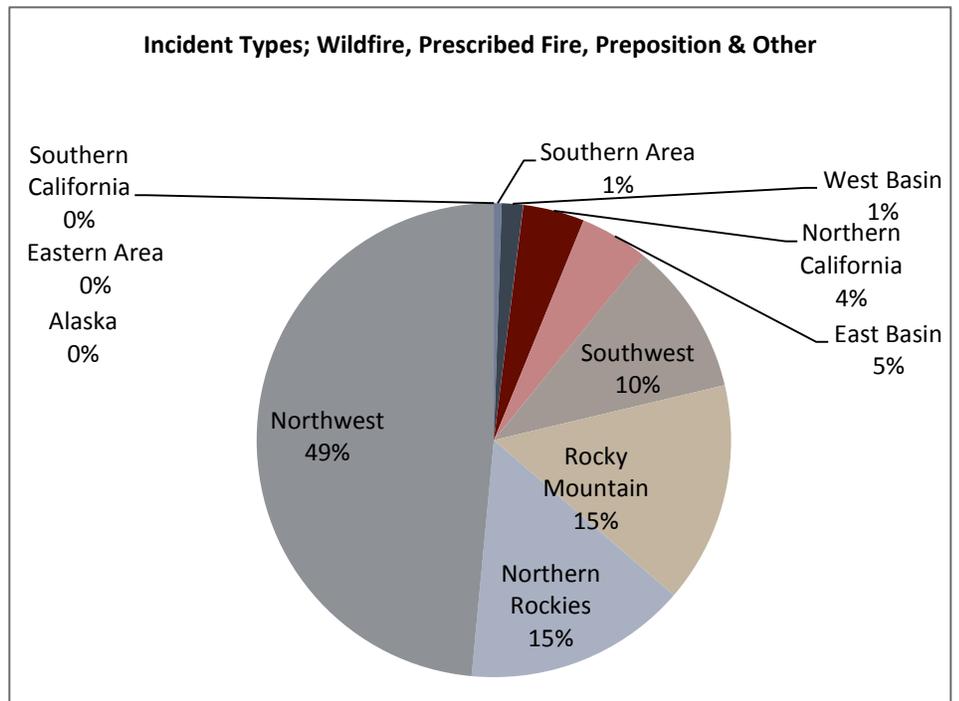
**Chart 15: Days Assigned to Incidents 2012**



**Table 9: Days Assigned & Percentage of Total by Geographic Area**

GACC	Days Assigned	%
Alaska	0	0
East Basin	71	5
Eastern Area	0	0
Northern California	63	4
Northern Rockies	229	15
Northwest	732	49
Rocky Mountain	227	15
Southern Area	8	1
Southern California	0	0
Southwest	157	10
West Basin	22	1
<b>Grand Total</b>	<b>1,509</b>	<b>100</b>

**Chart 16: Percentage of Total Days Assigned by Geographic Area**



## Smokejumpers – North Cascades

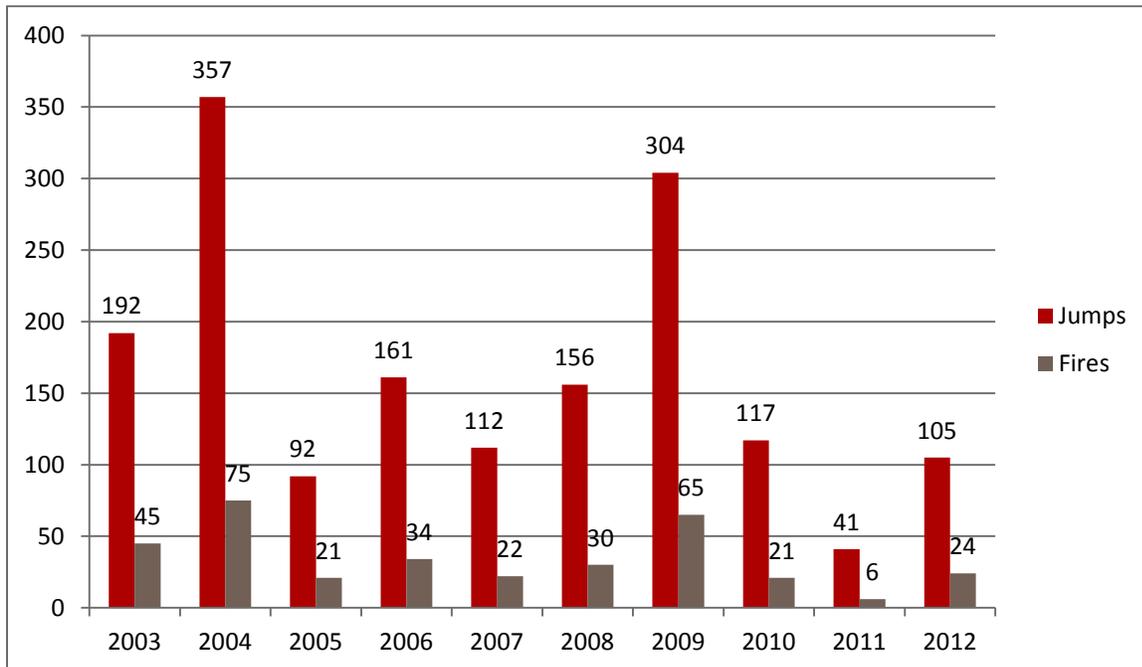
Source: North Cascades Smokejumper Base (NCSB). For full report, contact NCSB.

### Fire Season Summary

The 2012 fire season was below average for the North Cascades Smokejumper Base (NCSB) in terms of initial attack activity. The Pacific Northwest was forecasted to have an average fire season, with winter snowpack and spring precipitation about average. The Methow/Okanogan region was, as always, an area of concern given its historical high fire frequency and large fire potential. However, high to extreme fire potential indices did not occur until late summer and fall. Lightning activity was below normal until the 8th of September when an unusually strong storm ignited numerous fires followed by a severe wind event. The remainder of the season was spent mainly in large fire support. A total of **553** days were spent on fires jumped for wildfire suppression.

NCSB provided direct aerial delivered initial attack response to **24** fires this season (for a total of **105** jumps) in Region 6. The first fire was jumped on June 24th and the last fire jumped was on October 1. These fires were located on the Okanogan-Wenatchee, Wallowa-Whitman, Colville and Mt. Hood, Willamette National Forests, as well as Mount Rainier National Park. Nationally, North Cascades Smokejumpers jumped an additional **17** incidents, via booster activity, in Oregon, Washington and throughout Region 1.

**Chart 17: NCSB Smokejumper's 10 Year Fire Jump Numbers**



## Smokejumpers – Redmond

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

### Fire Season Summary

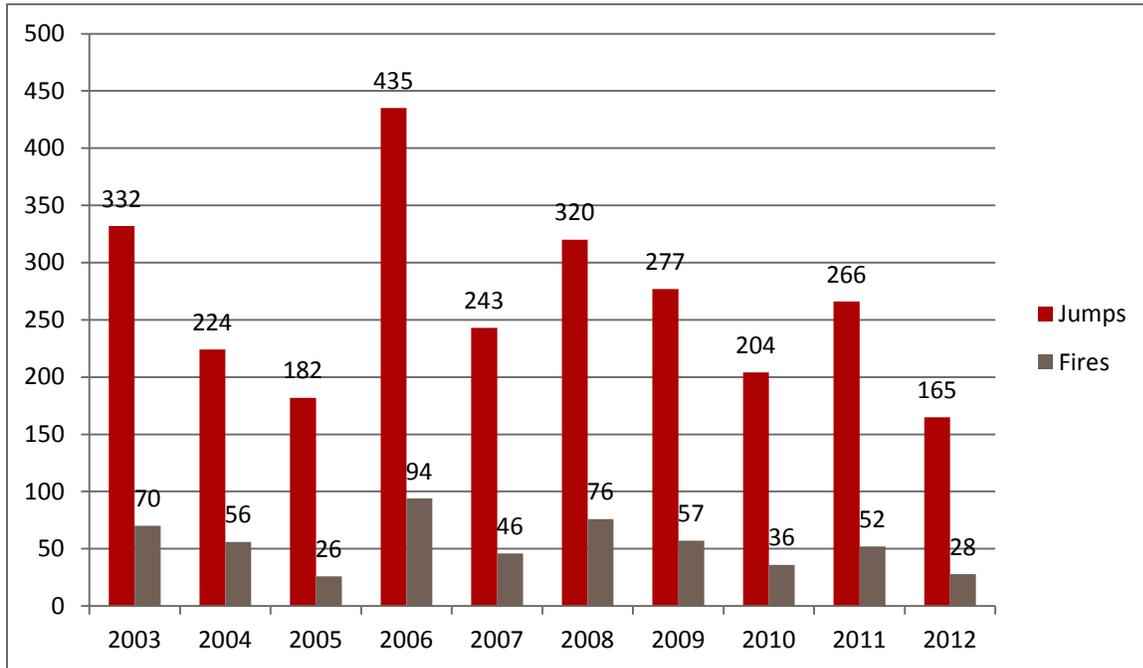
Out of Redmond, **28** fires were staffed totaling **165** fire jumps. Redmond Smokejumpers responded to those **28** fires in **11** separate land management areas. The first fire jump occurred on June 22nd and the last on October 6th. The 28 fires are approximately 42% of our 10-year average of 66 fires, and 165 fire jumps is 53% of our 10-year average of 309 fire jumps.

Redmond jumpers on booster assignments jumped 37 additional fires, in 7 different GACCS.

All total, Redmond jumpers jumped **65** fires, totaling **257** fire jumps.

The Deschutes and Willamette National Forests were our primary users with 8 and 4 fires respectively. Other users were the; Warm Springs Agency, Gifford Pinchot NF, Mt Hood NF, Umpqua NF, Rouge Siskiyou NF, Wallowa Whitman NF, Klamath NF, and Prineville BLM.

**Chart 18: Redmond Smokejumper's 10 Year Fire Jump Numbers**



## Redmond Air Tanker Base

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

### 2012 Year End Totals

#### RETARDANT

▪ Gallons of Retardant -----	<b>380,830</b>
▪ Loads of Retardant -----	<b>171</b>
▪ Retardant Cost to Fires -----	<b>\$758,804.20</b>
▪ Retardant Contract Length -----	<b>137 days</b>
▪ Contract Extension -----	<b>0 days</b>
▪ Retardant Loads Aborted or Jettisoned -----	<b>3</b>
▪ Average Turnaround Time -----	<b>12 minutes</b>

#### FIRE INFORMATION

▪ Number of Agency Users -----	<b>6</b>
▪ Number of Fires Worked With Air Tankers -----	<b>45</b>
▪ Number of Initial Attack Fires -----	<b>28</b>
▪ Number of Fires Reinforced -----	<b>17</b>
▪ Number of Air Tankers that operated from RDM -----	<b>20</b>

#### LANDINGS

▪ Total Number of Landings -----	<b>186</b>
▪ Total Landing Fee Costs (at \$2.81 per 1000lbs) -----	<b>\$36,996.46</b>
▪ Types of Air Tankers Making Landings -----	<b>6</b>
(BAE-146, P-2V, C-580, DC-7, CL-215, SEATs)	

#### PEAK OPERATIONS

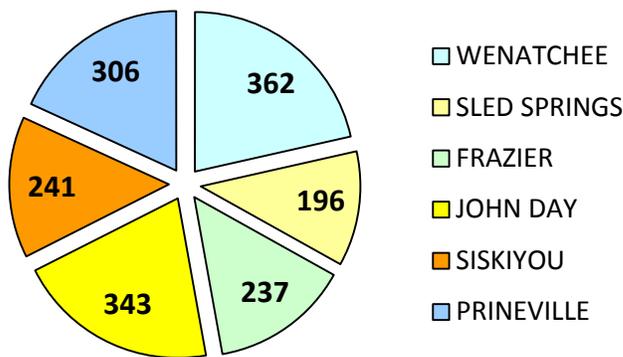
▪ Max # of Air Tankers Operating in One Day (Sept. 9th) -----	<b>5</b>
▪ Max # of Incidents Worked in One Day (Sept. 9th) -----	<b>2</b>
▪ Max. # of Loads in One Day (Sept. 9th) -----	<b>29</b>
▪ Max. # of Gallons Retardant Pumped in One Day (Sept. 9th) -----	<b>71,336</b>
▪ Max # of Landings in One Day (Sept. 9th) -----	<b>29</b>
▪ First Air Tanker Mission Flown -----	<b>7-07-12</b>
Where Flown: "Incident #71" , ODF	
▪ Last Air Tanker Mission Flown -----	<b>10-04-12</b>
Where Flown: "St. Mary's Mission Road" Incident, BIA	

## NW Rappel Aircraft

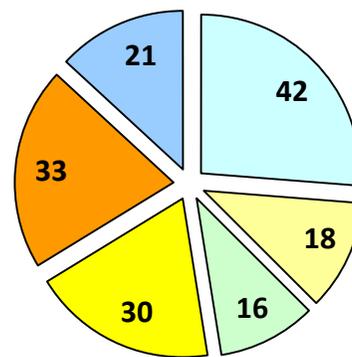
Source: Redmond Air Center (RAC). For full report, contact RAC.

**Table 10: 2012 Activity Totals – Region 6**

2012	Wenatchee	Sled Springs	Frazier	John Day	Siskiyou	Prineville	Totals	Average
Flight Hours on Fire	362	196	237	343	241	306	1,684	281
Flight Hours Other	23	24	21	50	16	8	140	23
Days on Contract	137	126	133	164	134	131	825	138
Number of IA's	42	18	16	30	33	21	160	27
Number Large Fires	11	6	3	8	8	6	42	7
Person Days on Fire	1,498	850	1,192	1,181	961	894	6,576	1,096
Training Rappels	-	335	78	454	2	-	869	145
Proficiency Rappels	164	148	112	145	139	139	847	141
Operational Rappels	104	34	29	66	75	58	366	61
<b>Total Rappels</b>	<b>268</b>	<b>517</b>	<b>219</b>	<b>665</b>	<b>216</b>	<b>197</b>	<b>2,082</b>	<b>347</b>
Rappel IA's/EA's	26	9	6	21	23	17	102	17
Helitack IA's	14	7	3	6	8	4	42	7



**Chart 19: 2012 Flight Hours on Fire**



**Chart 18: 2012 Initial Attack Numbers**

**APPENDIX**

**Table 11: Unit Identifier Legend**

<b>Federal</b>		<b>OCR</b>	Oregon Coast National Wildlife Refuge Complex
		<b>PAR</b>	Pacific Region
<b>BIA</b>	<b>Bureau of Indian Affairs</b>	<b>RFR</b>	Ridgefield National Wildlife Refuge
<b>COA</b>	Colville Agency	<b>SHR</b>	Sheldon-Hart National Wildlife Refuge
<b>MAA</b>	Makah Agency	<b>SLR</b>	Sheldon National Wildlife Refuge
<b>NWA</b>	Northwest Regional Office	<b>TBR</b>	Turnbull National Wildlife Refuge
<b>OPA</b>	Olympic Peninsula	<b>TUR</b>	Tualatin River National Wildlife Refuge Complex
<b>PSA</b>	Puget Sound Agency	<b>UKR</b>	Upper Klamath National Wildlife Refuge
<b>SIA</b>	Siletz Agency	<b>UMR</b>	Umatilla National Wildlife Refuge
<b>SPA</b>	Spokane Agency	<b>WMR</b>	Washington Maritime National Wildlife Refuge Complex
<b>UMA</b>	Umatilla Agency	<b>WOR</b>	Western Oregon National Wildlife Refuge
<b>WSA</b>	Warm Springs Agency	<b>WPR</b>	Willapa National Wildlife Refuge
<b>YAA</b>	Yakima Agency	<b>WSR</b>	Warm Springs National Fish Hatchery
		<b>WVR</b>	Willamette Valley National Wildlife Refuge Complex
<b>BLM</b>	<b>Bureau of Land Management</b>		
<b>BUD</b>	Burns District		
<b>CBD</b>	Coos Bay District		
<b>EUD</b>	Eugene District		
<b>LAD</b>	Lakeview District		
<b>MED</b>	Medford District		
<b>OSO</b>	OR/WA State Office		
<b>PRD</b>	Prineville District		
<b>ROD</b>	Roseburg District		
<b>SAD</b>	Salem District		
<b>SPD</b>	Spokane District		
<b>VAD</b>	Vale District		
		<b>NPS</b>	<b>National Park Service</b>
		<b>CLP</b>	Crater Lake National Park
		<b>ELP</b>	Ebey's Landing National Historical Reserve
		<b>FCP</b>	Ft. Clatsop National Monument
		<b>FVP</b>	Fort Vancouver National Monument
		<b>JDP</b>	John Day Fossil Beds National Monument
		<b>KGP</b>	Klondike Gold Rush National Historical Park
		<b>LCP</b>	Lake Chelan National Recreation Area
		<b>LRP</b>	Lake Roosevelt National Park
		<b>MRP</b>	Mt. Rainer National Park
		<b>NCP</b>	North Cascades National Park
		<b>OCP</b>	Oregon Caves National Monument
		<b>OLP</b>	Olympic National Park
		<b>PNP</b>	Columbia Cascades Support Office
		<b>RLP</b>	Ross Lake National Recreation Area
		<b>SJP</b>	San Juan Island National Historical Park
		<b>WMP</b>	Whitman Mission National Historic Site
<b>FWS</b>	<b>Fish &amp; Wildlife Service</b>		
<b>MAR</b>	Malheur National Wildlife Refuge		
<b>BVR</b>	Bear Valley National Wildlife Refuge		
<b>CBR</b>	Columbia National Wildlife Refuge		
<b>HMR</b>	Hart Mountain National Antelope Refuge		
<b>KLR</b>	Klamath Marsh National Wildlife Refuge		
<b>LPR</b>	Little Pend Oreille National Wildlife Refuge		
<b>MCR</b>	Mid-Columbia National Wildlife Refuge Complex		
<b>NQR</b>	Nisqually National Wildlife Refuge		

APPENDIX | Table 11: Unit Identifier Legend

<b>USFS Forest Service</b>		
<b>CGF</b>	Columbia River Gorge National Scenic Area	
<b>COF</b>	Colville National Forest	<i>State</i>
<b>DEF</b>	Deschutes National Forest	
<b>FWF</b>	Fremont-Winema National Forest	<b>DNR Washington Department of Natural Resources</b>
<b>GPF</b>	Gifford Pinchot National Forest	
<b>MAF</b>	Malheur National Forest	<b>NES</b> Northeast Region
<b>MHF</b>	Mt. Hood National Forest	<b>NWS</b> Northwest Region
<b>MSF</b>	Mt. Baker-Snoqualmie National Forest	<b>OLS</b> Olympic Region
<b>OCF</b>	Ochoco National Forest	<b>PCS</b> Pacific Cascades Region
<b>OKF</b>	Okanogan National Forest	<b>SES</b> Southeast Region
<b>OLF</b>	Olympic National Forest	<b>SPS</b> South Puget Sound Region
<b>RO6</b>	Regional Office	<b>WAS</b> Washington State Headquarters
<b>RSF</b>	Rogue-Siskiyou National Forest	
<b>SUF</b>	Siuslaw National Forest	<b>WFS</b> Washington Office of State Fire Marshal
<b>UMF</b>	Umatilla National Forest	
<b>UPF</b>	Umpqua National Forest	<b>ODF</b> Oregon Department of Forestry
<b>WEF</b>	Wenatchee National Forest	
<b>WIF</b>	Willamette National Forest	<b>OFS</b> Oregon Office of State Fire Marshal
<b>WWF</b>	Wallowa-Whitman National Forest	



Northwest Interagency Coordination Center  
 Predictive Services Unit - Intelligence Section  
 Portland, OR

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