



Northwest Annual Fire Report 2010

NWCC



Northwest Interagency Coordination Center



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Northwest Annual Fire Report 2010

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.

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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 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, National Interagency Coordination Center (NICC) 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, but may not reflect official figures for a specific agency. This document is available electronically at the NWCC web page: 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.

Agency Identifier Legend

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



2010 NORTHWEST FIRE SEASON NARRATIVE

SUMMARY

Wildfire activity in the Northwest in 2010 was considered below average by most measures. There were 151,960 acres reported burned, compared to the 10-year average of 473,686. This followed a trend of mild activity in 2008 and 2009. Limited wildfire activity, along with favorable burning conditions, however, provided for very productive prescribed fire opportunities in the Northwest, with 135,198 acres reported burned.

“The greenness of light fuels was described in places as being “a month behind schedule.””

Despite the limited wildfire activity, NWCC provided continuous interagency coordination, logistics support, aviation support, and media support for wildfire and other incidents in the Northwest and the US. NWCC's Predictive Services Unit provided continuous support with fire situation reporting and analysis, fire behavior and fuels analysis, GIS support, and ongoing “Significant Fire Potential” forecasts and interpretation of significant meteorological events.

FUELS AND WEATHER

Early 2010 predictions called for an earlier start to fire season but milder-than-usual fire activity for the duration of the season. Though snowpack across the Northwest as of late April was running on average 50-75% of normal, this was eventually offset by heavy precipitation in late spring, keeping fuel moistures high. The greenness of light fuels was described in places as being “a month behind schedule.” The lack of significant fire activity until mid-July bore this out.

LARGE FIRE ACTIVITY

Large fires first occurred in the geographic area in Washington. On July 10th, the Swakane fire (human-caused) started 6 miles north of Wenatchee, burning 19,291 acres. Lightning events affected the same area in late July and early August, burning an additional 2,065 acres in the Wenatchee River Complex.

Beginning in mid-August, Oregon saw multiple large fires, primarily due to lightning. In southwestern Oregon the Oak Flat fire on the Rogue-Siskiyou National Forest actively drew firefighting resources from August 13th until early September. Multiple, lightning-caused fires were started in central Oregon beginning August 17th. The White Lightning Complex consisted of multiple fires on and around the Warm Springs Reservation, and burned 33,701 acres. The Lower Deschutes Complex on Prineville BLM burned 9,304 acres. The View Lake Fire Complex was a long duration event on and around the Mount Hood National Forest, with substantial closures and impacts to recreational lands.

NORTHWEST LARGE WILDLAND FIRES 2010

Source: ICS-209, unless noted (>100 acres in forest fuels, >300 acres in grass/brush fuels) as of 12/31/10. Costs are estimates only as reported via ICS-209 and are not official figures.

Northwest Large Fires 2010

Total Large Fires	Total Acreage	Estimated Cost
39	165,012	\$81,969,090

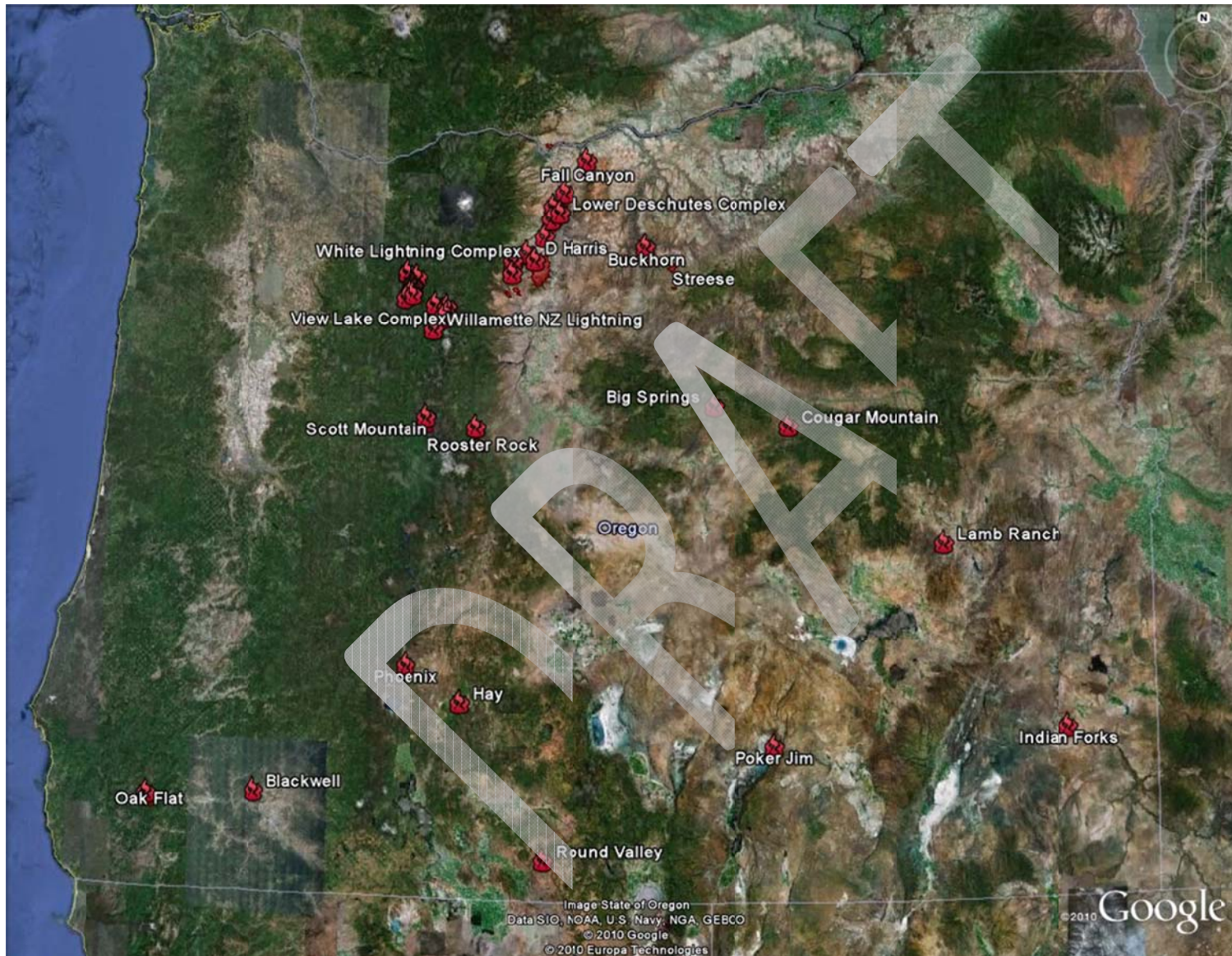
Oregon Large Fires 2010

Strategy	Name	Owner	Start Date	Acreage	Estimated Cost	Location
Full Suppression/Perimeter Control	White Lightning Complex	Comprised of Island Rim, Johnson Lake, Laughlin Hills, Youther, multiple smaller fires.				
		OR-WSA	8/17/10	33,701	\$5,750,000	8 miles northeast of Simnasho, OR
	Lower Deschutes Complex	Comprised of Devil's Half Acre, Fall Canyon, Oak Canyon, Tygh Ridge.				
		OR-PRD	8/19/10	9,304	\$1,378,545	5 miles north of Maupin, OR
	Oak Flat	OR-RSF	8/13/10	7,494	\$18,675,417	10 miles northwest of Selma, OR
	Rooster Rock	OR-DEF	8/2/10	6,134	\$5,333,872	6 miles south of Sisters, OR
	Buckhorn Complex	OR-PRD	7/27/10	4,588	\$785,555	13 miles north of Clarno, OR
	Hay	OR-KLR	10/14/10	3,083	\$350,000	22 miles north of Chiloquin, OR
	Strese*	*No ICS-209. Fire info from local reports.				
		OR-OFS	8/16/10	2,565	\$0	51 miles northwest of Madras, OR
	Cougar Mountain	OR-PRD	9/15/10	2,064	\$512,000	17 miles south of Dayville, OR
	Indian Forks	OR-VAD	6/29/10	380	\$20,000	5 miles south of Rome, OR
	Lamb Ranch	OR-BUD	9/13/10	320	\$20,000	10 miles east of Buchanan, OR
	Blackwell	OR-ODF	9/12/10	290	\$750,000	1 mile east of Gold Hill, OR
Round Valley	OR-LAD	8/14/10	162	\$300,000	35 miles east of Klamath Falls, OR	

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Strategy	Name	Owner	Start Date	Acreage	Estimated Cost	Location
	Willamette NZ Lightning	Included Pyramid Fire (later incorporated into View Lake Complex), multiple smaller fires.				
		OR-WIF	8/17/10	134	\$1,360,000	6 southwest of Detroit, OR
Subtotal	13			70,219	\$35,235,389	
Monitor/Confine/Contain	Phoenix	OR-CLP	8/26/10	754	\$870,000	9 miles southeast of Diamond Lake, OR
Subtotal	1			754	\$870,000	
Point or Zone Protection/Limited Perimeter Control	View Lake Fire Complex*	Comprised of View Lake, Mt. Jefferson Fires (multiple), Bull of the Woods Fires (multiple), multiple smaller fires. *Change of strategy 8/27/10 to Point Protection/Limited Perimeter Control.				
		OR-MHF	8/17/10	4,593	\$9,492,509	35 miles south of Estacada, OR
	Scott Mountain*	*Change of strategy 9/6/10 to Point Protection/Limited Perimeter Control.				
		OR-WIF	8/19/10	3,464	\$4,631,000	14 miles northeast of McKenzie Bridge, OR
	Poker Jim Ridge	OR-HMR	8/5/10	3,153	\$100,000	42 miles northeast of Lakeview, OR
	Big Springs	OR-OCF	9/14/10	105	\$10,000	17 miles southeast of Mitchell, OR
Subtotal	4			11,315	\$14,233,509	
Oregon Total	18			82,288	\$50,338,898	

Figure 1. Oregon Large Fires Map 2010



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Washington Large Fires 2010

Strategy	Name	Owner	Start	Acreage	Estimated Cost	Location
Full Suppression/Perimeter Control	Eureka*	*Change of strategy 8/8/10 to Full Suppression/Perimeter Control.				
		WA-WFS	8/6/10	21,620	\$485,000	25 miles northwest of Walla Walla, WA
	Swakane	WA-SES	7/10/10	19,291	\$3,500,000	6 miles north of Wenatchee, WA
	Hubbard	WA-WFS	8/26/10	11,500	\$350,000	6 miles northeast of Dayton, WA
	Baird Springs	WA-WFS	9/10/10	7,693	\$350,000	5 miles northwest of Quincy, WA
	Cowiche Mill	WA-WFS	7/18/10	5,834	\$800,000	3 miles northwest of Yakima, WA
	Rainbow Bridge	WA-NCP	7/29/10	3,710	\$1,500,000	1 mile north of Stehekan, WA
	Spanish Castle	WA-DNR	7/4/10	2,470	\$250,000	3 miles west of Trinidad, WA
	Wenatchee River Complex	Comprised of Devil's Gulch, Nahahum, Tripp Canyon, Yaxon.				
		WA-OWF	7/30/10	2,065	\$2,309,000	6 miles north of Wenatchee, WA
	Hiway 8	WA-DNR	8/26/10	2,019	\$2,707,000	1 mile north of Lyle, WA
	FFTF	WA-HNC	8/18/10	1,265	\$0	5 miles north of Richland, WA
	Leahy Junction*	*Change of strategy 8/6/10 to Full Suppression/Perimeter Control.				
		WA-WFS	8/3/10	1,000	\$300,000	14 miles southeast of Bridgeport, WA
	Slide Creek	WA-NES	8/26/10	989	\$1,900,000	6 miles south of Colville, WA
	Line	WA-SPA	7/12/10	920	\$1,192,052	4 miles southeast of Wellpinit, WA
	Fish Hatchery	WA-DNR	8/26/10	667	\$0	3 miles north of Republic, WA
	Buffalo Lake	WA-COA	8/27/10	408	\$55,000	5 miles northeast of Coulee Dam, WA
Dallesport	WA-WFS	7/12/10	380	\$0	3 miles northeast of Dallesport, WA	
Hilltop	WA-DNR	8/14/10	110	\$743,013	18 miles east of Vancouver, WA	
Speelyai	WA-DNR	7/24/10	108	\$412,828	9 miles northeast of Amboy, WA	
Subtotal	18			82,049	\$67,192,791	
Monitor/Confine/Contain	Hopper	WA-OLP	8/3/10	385	\$35,790	33 miles south of Port Angeles, WA

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Strategy	Name	Owner	Start	Acreage	Estimated Cost	Location
	Eightmile	WA-OWF	8/6/10	190	\$7,000	10 miles southwest of Leavenworth, WA
Subtotal	2			575	\$42,790	
Point or Zone Protection/Limited Perimeter Control	Boulder Creek	WA-OWF	8/4/10	100	\$500,000	30 miles west of Naches, WA
Subtotal	1			100	\$500,000	
Washington Total	21			82,724	\$67,735,581	
Northwest Total	39			165,012	\$81,969,090	

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Figure 2. Washington Large Fires Map 2010



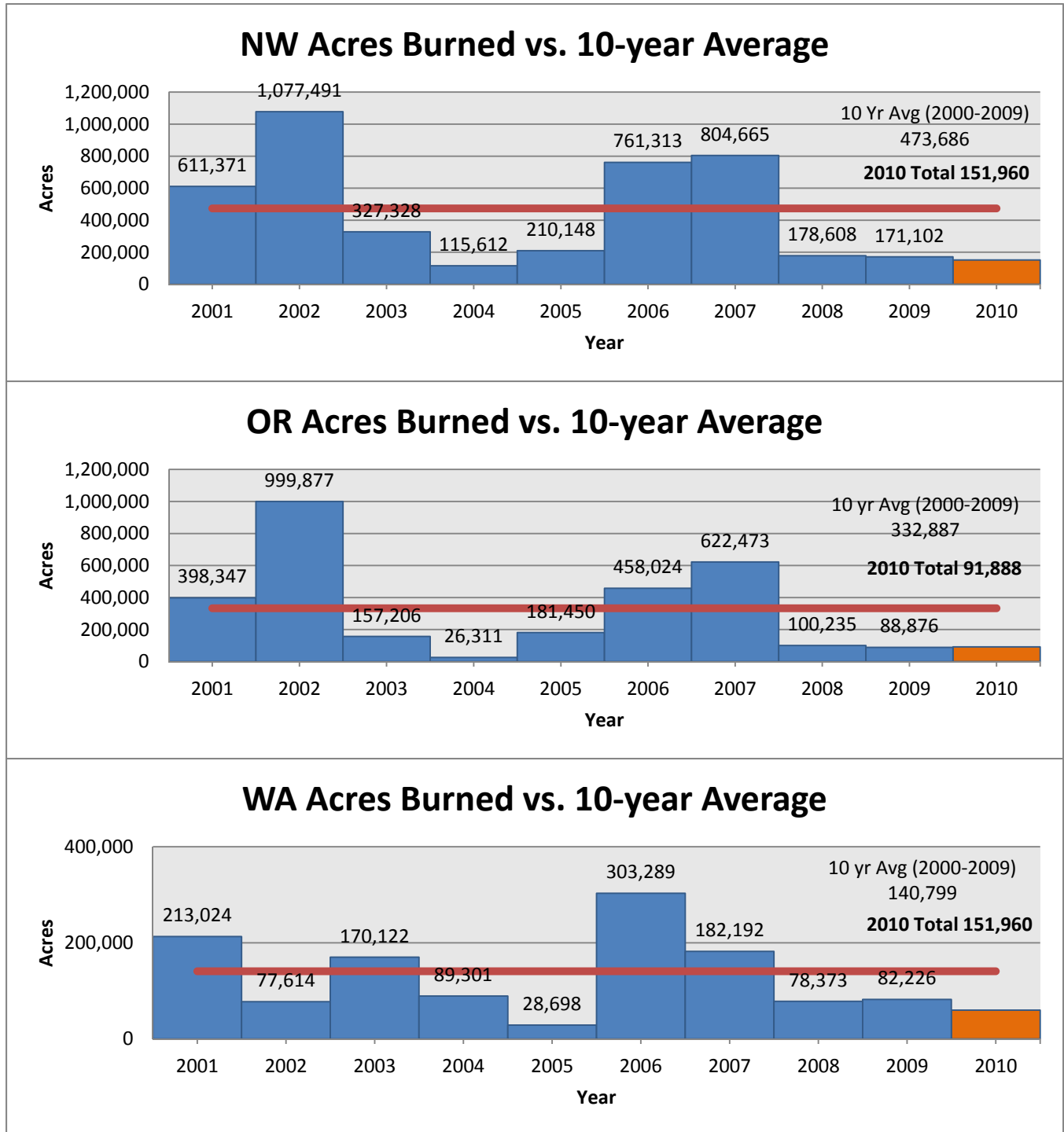
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FIRE STATISTICS


Northwest Acres Burned (2001-2010)


Source: Agency Fire Reports – KCFAST, WFMI, ODF, DNR





Northwest Unit Totals for Fire & Acres Source: SIT 209 (unless noted)


	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Northwest Totals 2010	1,561	71,459	1,299	85,120	2,860	156,579

Agency/State/Unit	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Bureau of Indian Affairs Oregon						
Umatilla Agency	8	37	6	2	14	39
Warm Springs Agency	29	103	37	33,599	66	33,702
Oregon BIA Total	37	140	43	33,601	80	33,741
Washington						
Colville Agency	46	630	22	9	68	639
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	24	412	4	2	28	414
Yakama Agency	0	0	0	0	0	0
Washington BIA Total	70	1,042	26	11	96	1,053
Total BIA	107	1,182	69	33,612	176	34,794

Bureau of Land Management Oregon						
Burns Interagency Fire Zone	6	45	11	326	17	371
Coos Bay District	0	0	0	0	0	0
Eugene District	0	0	1	1	1	1
Glendale District	0	0	0	0	0	0
Grants Pass District	0	0	0	0	0	0
BLM Lands-Klamath Fire Center	0	0	0	0	0	0
Lakeview District	6	252	37	230	43	482
Medford District	4	0	3	0	7	0
Prineville District	17	5	69	16,200	86	16,205
Roseburg District	4	1	1	0	5	1
Salem District	23	2	0	0	23	2
Vale District	11	71	22	532	33	603
Oregon BLM Total	71	376	144	17,289	215	17,665
Washington						
Spokane District	8	1,945	7	109	15	2,054
Washington BLM Total	8	1,945	7	109	15	2,054
Total BLM	79	2,321	151	17,398	230	19,719



Agency/State/Unit	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
 US Fish and Wildlife Service Oregon						
Sheldon NWR (Nevada portion)	1	1	1	1	2	2
Ankeny NWR	0	0	0	0	0	0
Basket Slough NWR	0	0	0	0	0	0
Bear Valley NWR	0	0	0	0	0	0
Cold Springs NWR	0	0	0	0	0	0
Hart Mtn NWR	1	3,154	1	198	2	3,352
Klamath Lake Refuges	3	3,320	1	0	4	3,320
Malheur NWR	1	0	4	1	5	1
McKay Creek NWR	0	0	0	0	0	0
Upper Klamath Refuge	0	0	1	0	1	0
Umatilla NWR - Oregon Unit	0	0	0	0	0	0
Finley NWR	0	0	0	0	0	0
Oregon USFWS Total	6	6,475	8	200	14	6,675
Washington						
Columbia NWR	0	0	0	0	0	0
Conboy Lake NWR	0	0	0	0	0	0
Copalis NWR	0	0	0	0	0	0
Dungeness NWR	0	0	0	0	0	0
Flattery Rocks	0	0	0	0	0	0
Hanford Reach NWR	0	0	0	0	0	0
Little Pend Oreille NWR	1	258	4	0	5	258
Mid-Columbia Refuges	0	0	0	0	0	0
McNary NWR	0	0	0	0	0	0
Protection Island NWR	0	0	0	0	0	0
Quillayute Needles NWR	0	0	0	0	0	0
Saddle Mt NWR	0	0	0	0	0	0
San Juan Islands NWR	0	0	0	0	0	0
Turnbull NWR	0	0	0	0	0	0
Toppenish NWR	0	0	0	0	0	0
Umatilla NWR - Washington Unit	0	0	0	0	0	0
Willapa NWR	0	0	0	0	0	0
Washington USFWS Total	1	258	4	0	5	258
Fish & Wildlife Service Total	7	6,733	12	200	19	6,933

Agency/State/Unit	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
National Park Service Oregon						
Crater Lake NP	2	0	11	756	13	756
Oregon Caves NM	0	0	0	0	0	0
Oregon NPS Total	2	0	11	756	13	756
Washington						
Lake Roosevelt NRA	5	1	0	0	5	1
Mt Rainier NP	0	0	0	0	0	0
North Cascades NP	0	0	2	4,000	2	4,000
Olympic NP	8	1	3	390	11	391
San Juan Islands NHP	0	0	0	0	0	0
Whitman Mission NH Site	0	0	0	0	0	0
Washington NPS Total	13	2	5	4,390	18	4,392
National Park Service Total	15	2	16	5,146	31	5,148

US Forest Service Idaho						
Hells Canyon NRA	0	0	1	0	1	0
Idaho NF Total	0	0	1	0	1	0
Oregon					0	0
Burns Interagency Fire Zone-USFS	10	1	25	23	35	24
Columbia Gorge NF	17	2,995	0	0	17	2,995
Deschutes NF	124	6,164	70	13	194	6,177
Fremont NF	8	2	46	13	54	15
John Day (Malheur NF)	18	8	71	1,130	89	1,138
Mt Hood NF	53	6	15	4,668	68	4,674
Ochoco NF	14	19	35	125	49	144
Rogue River-Siskiyou NF	9	8,010	23	5	32	8,015
Siuslaw NF	17	5	0	0	17	5
Umatilla NF-Oregon	11	8	29	11	40	19
Umpqua NF	13	3	33	8	46	11
Willamette NF	24	6	151	3,868	175	3,874
Winema NF	18	73	25	10	43	83
Wallowa Whitman NF	19	4	91	257	110	261
Oregon NF Total	355	17,304	614	10,131	969	27,435

Agency/State/Unit	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Washington						
Colville NF	7	0	19	4	26	4
Gifford Pinchot NF	20	17	4	1	24	18
Mt.Baker-Snoqualmie NF	34	4	3	1	37	5
Olympic NF	4	0	1	0	5	0
Okanogan Wenatchee NF	49	11,908	77	2,507	126	14,415
Umatilla NF-Washington	0	0	4	7	4	7
Washington NF Total	114	11,929	108	2,520	222	14,449
US Forest Service Total	469	29,233	723	12,651	1,192	41,884

Dept of Defense Washington						
Hanford Reservation FD	0	0	1	1,265	1	1,265
Dept of Defense Total	0	0	1	1,265	1	1,265

STATES Oregon						
Oregon Department of Forestry ¹		489	829	204	5,293	693
STATES Washington						
Northeast Region		181	1,747	76	126	257
Northwest Region		32	18	2	2	34
Olympic Region		6	2	0	0	6
Pacific Cascade Region		85	261	0	0	85
Southeast Region DNR		56	4,950	40	61	96
South Puget Sound		31	91	1	1	32
Washington DNR Total		391	7,069	119	190	510
States Total		880	7,898	323	5,483	1,203

¹ Source: http://www.odf.state.or.us/DIVISIONS/protection/fire_protection/fires/dailyFireReps.asp

Agency/State/Unit	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
Oregon						
Burns Interagency Fire Zone - PRI	2	0	1	0	3	0
BIFZ Private Lands Total	2	0	1	0	3	0

County and Rural Fire Districts						
Oregon Fire Service²	0	0	2	7,365	2	7,365
Washington Fire Service	2	24,090	1	2,000	3	26,090
County and Rural FD Total	2	24,090	3	9,365	5	33,455

² As reported to NWCC

Totals 2010	Human Caused Fires	Human Caused Acres	Lightning Caused Fires	Lightning Caused Acres	Total Fires	Total Acres
	1,561	71,459	1,299	85,120	2,860	156,579

NORTHWEST PREPAREDNESS LEVELS

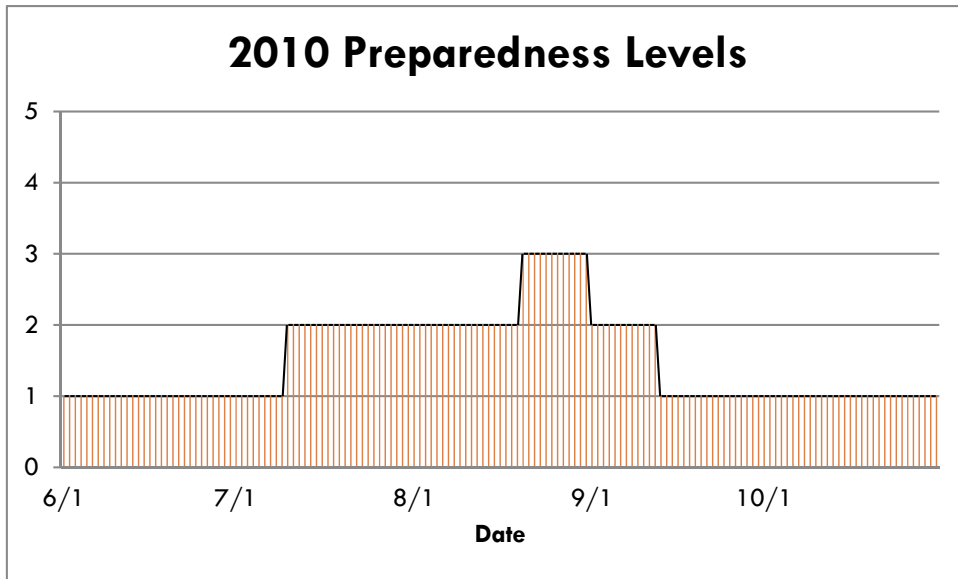
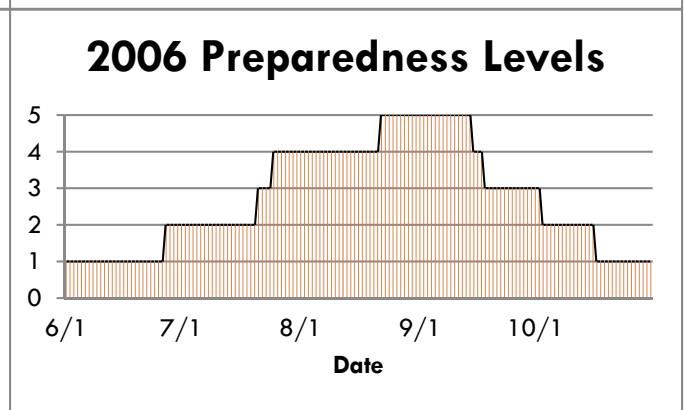
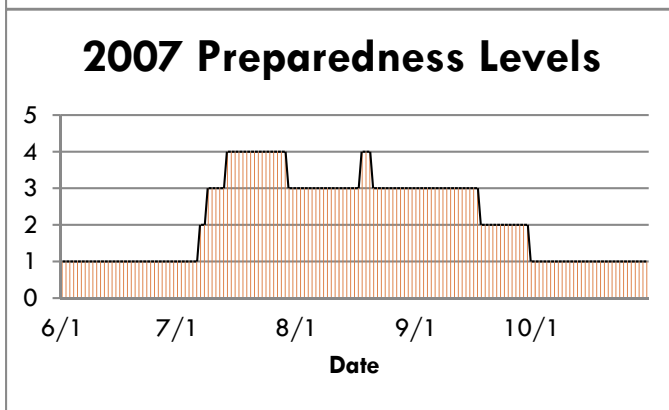
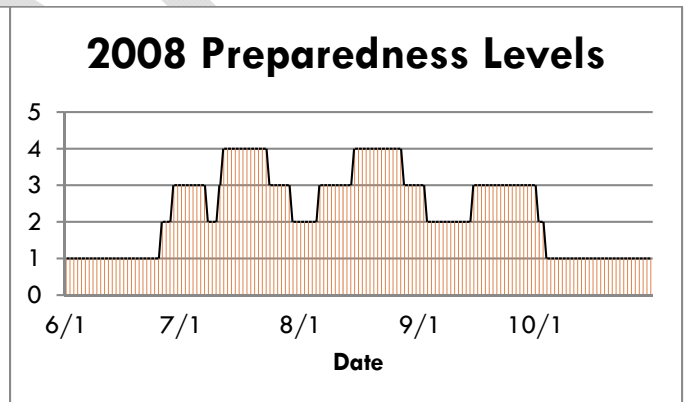
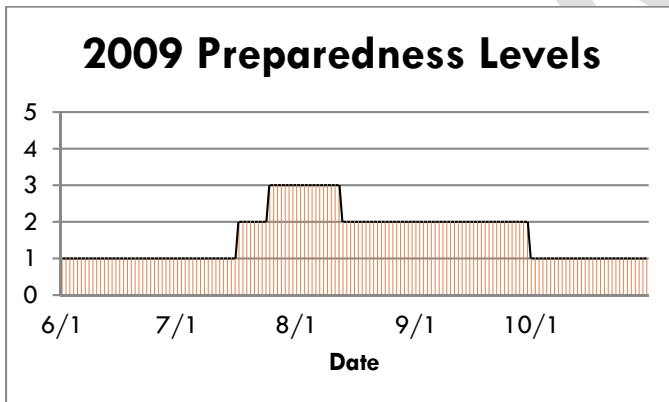


Table 1: 2010 Preparedness Levels

JUNE 1 TO OCTOBER 31

PL	Total Days	Date Range
1	39	6/1 – 7/9
2	42	7/10 – 8/20
3	11	8/21 – 8/31
2	12	9/1 – 9/12
1	49	9/13 – 10/31



RESOURCE STATISTICS

Not Compiled for 2010 NWCC Annual Report. Contact Individual Agencies.

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USFS LAND OWNERSHIP REPORT

USFS PERSONNEL REPORT

For 2010 FS-5100-9 (Land Ownership Protection Report) and FS-5100-8 (Personnel Employed on Fire Control Activities), reports are being compiled from received individual forest units. Data received to be included in final draft.

USFS Unit Legend

State	Identifier	Unit
OR	CGF	Columbia River Gorge National Scenic Area
OR	DEF	Deschutes National Forest
OR	FRF	Fremont National Forest
OR	MAF	Malheur National Forest
OR	MHF	Mt. Hood National Forest
OR	OCF	Ochoco National Forest
OR	RSF	Rogue River-Siskiyou National Forest (previously RRF & SIF)
OR	SUF	Siuslaw National Forest
OR	UMF	Umatilla National Forest
OR	UPF	Umpqua National Forest
OR	WIF	Willamette National Forest
OR	WNF	Winema National Forest
OR	WWF	Wallowa-Whitman National Forest
WA	COF	Colville National Forest
WA	GPF	Gifford Pinchot National Forest
WA	MSF	Mt. Baker-Snoqualmie National Forest
WA	OLF	Olympic National Forest
WA	OWF	Okanogan-Wenatchee NF (previously OKF & WEF)

Draft Document Posted April 20, 2011

Final Document will include compiled 2010 FS-5100-9 (Land Ownership Protection Report) and FS-5100-8 (Personnel Employed on Fire Control Activities) reports.



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 Predictive Services Unit – Intelligence Section
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