

Oregon Department of Forestry

GIS Database Dictionary:

Final: v. 1.0.1 Complete (03/09/2004)

Path to Master:	odfdata\fire	Layer Title:	<i>Historic Fires</i>	Theme Code:	PPFFI005
File Name:	fires6205	Theme Class:	Fire	Scale:	1:24,000
Master Format:	ARCVIEW Shapefile	Stability:	Permanent	Extent:	Oregon
Originator:	ODF	Designation:	Steward	Currentness:	12/31/05
ODF Custodian:	ODF GIS Data Administrator	Data Class:	Protection from Fire	Update freq:	Yearly

Abstract: Point locations for ODF statistical fires from 1962 to 2004. The point locations for the fires were derived from ODF's FIRES database. The location was derived from the legal location for those fires that had a valid legal location entered in the fires database. Most of the locations for fires prior to 2003 were derived by using the legal location taken from the FIRES data fields. These are the more recent fires. This shapefile is update annually.

Purpose: To analyze and view the spatial distribution of ODF statistical fires.

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	required	Serial	Sequential Number assigned to fire	11 N	<input type="checkbox"/>
PPF	Point	required	Fireyear	The year the fire occurred	11 N	<input type="checkbox"/>
PPF	Point	required	District	The odf district number	11 N	<input type="checkbox"/>
PPF	Point	required	Unit	The ODF Unit Number	11 N	<input type="checkbox"/>
PPF	Point	required	Firenumber	The 3 digit fire number	3 C	<input type="checkbox"/>
PPF	Point	required	Fiscalyear	The fiscal year the fire occurred.	11 N	<input type="checkbox"/>
PPF	Point	required	Firename	The name of the fire	24 C	<input type="checkbox"/>
PPF	Point	required	Firecatego	Statistical Category (All Staitistical)	11 N	<input type="checkbox"/>
Field Values:			1	Statistical		
PPF	Point	recommended	Preparedby	The first and last name of the person who prepared the report, not necessarily the data entry person.	24 C	<input type="checkbox"/>
PPF	Point	recommended	Landmarklo	Fire location in relation to the nearest landmark.	30 C	<input type="checkbox"/>
PPF	Point	recommended	Equipment	Equipment sent to the fire	24 C	<input type="checkbox"/>
PPF	Point	recommended	Numberpers		11 N	<input type="checkbox"/>
PPF	Point	recommended	Firecondit		1 C	<input type="checkbox"/>
PPF	Point	recommended	Locked		1 C	<input type="checkbox"/>
PPF	Point	recommended	Datavalid		1 C	<input type="checkbox"/>
PPF	Point	recommended	Creationda	Creation Date?	8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Modifiedby		24 C	<input type="checkbox"/>
PPF	Point	recommended	Modifiedda		8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Twn	The township the fire was in	6 C	<input type="checkbox"/>
PPF	Point	recommended	Rng	The range the fire was in	6 C	<input type="checkbox"/>
PPF	Point	recommended	Sec_town	Concatonated section, township, and range for the fire	18 C	<input type="checkbox"/>
PPF	Point	recommended	sec	The section the fire origin falls in	2 C	<input type="checkbox"/>
PPF	Point	recommended	Subdiv	The section quarter-quarter the fire origin falls in	4 C	<input type="checkbox"/>
PPF	Point	recommended	Longitude_	The whole degree of longitude taht the origin falls in	11 N	<input type="checkbox"/>
PPF	Point	recommended	Long_se_mm	The decimal minutes of the longitude that the fire origin falls in	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Latitude_d	The whole degree of latitude taht the origin falls in	11 N	<input type="checkbox"/>
PPF	Point	recommended	Lat_mm_sec	The decimal minutes of the latitude that the fire origin falls in	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Protection	Protection Agency where fire originated. All should be 1.	1 C	<input type="checkbox"/>
Field Values:			1	State or association district		
			2	Other state or association district		
			3	USDA Forest Service		
			4	BLM		
			5	Other Federal agency		
			6	City or rurla fire district		
			7	Unprotected		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	recommended	Federal_la	Used to segregate information for fire reporting to Federal Government	1 C	<input type="checkbox"/>
Field Values:			1	Originated on paying state, local land		
			2	Originated on Federal Lands, Spread to state and private		
			3	Originated on Federal Lands, Threatened to spread to state and private		
PPF	Point	recommended	Varc	Value at Risk Class	1 C	<input type="checkbox"/>
Field Values:			1	Range		
			2	Forest-Agriculture		
			3	Forest-Residential		
			4	Forest-Grazing		
			5	Forest-Timber (Commercial)		
			6	Forest-Special (Parks,Greenways, Coastal Srrip)		
			7	Excluded (National Forest, BLM East-side, other States)		
PPF	Point	recommended	Land_cls	Classification of the land on which the fire originated	1 C	<input type="checkbox"/>
Field Values:			1	Private class 1 and 2 forest land and public land paying timber assessment		
			2	Private class 3 forest land and public land paying grazing assessment		
			3	Zone 1 land (Grant County) or Paying land inside the district		
			4	Railroad R/W, non-paying		
			5	State Highway R/W, non-paying		
			6	County Road R/W, non-paying		
			7	Other non-paying rural or agricultural		
			8	Non-paying federal land		
			9	Outside district		
PPF	Point	recommended	Landclass	Fire threatened timber or grazing land class	1 C	<input type="checkbox"/>
Field Values:			G	Grazing		
			T	Timber		
PPF	Point	recommended	Minimum	Fire Originated on minimum assessment lot	1 C	<input type="checkbox"/>
Field Values:			1	?		
			2	?		
			N	No		
			Y	Yes		
PPF	Point	recommended	Dual	Fire originated on Dual Assessment	1 C	<input type="checkbox"/>
Field Values:			N	No		
			Y	Yes		
PPF	Point	recommended	County	County Code	11 N	<input type="checkbox"/>
PPF	Point	recommended	Fo_land_ow	Landowner type where the fire originated	11 N	<input type="checkbox"/>
Field Values:			10	Other Private not 11,12,13		
			11	Industrial		
			12	Small Woodlands		
			13	Rural Residential		
			20	State		
			21	Ocean Shores		
			30	County		
			40	USFS		
			50	BLM		
			60	Indian Service		
			70	Municipal		
			80	National Park		
			90	Other Public		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	recommended	Lo_name	The first and last name or the company of the landowner where the fire actually originated.	25 C	<input type="checkbox"/>
PPF	Point	recommended	Surchargel		1 C	<input type="checkbox"/>
Field Values:			N	No		
			Y	Yes		
PPF	Point	recommended	Surchlotas		1 C	<input type="checkbox"/>
Field Values:			N	No		
			Y	Yes		
PPF	Point	recommended	Discovered	Who discovered the fire	2 C	<input type="checkbox"/>
Field Values:			01	District Lookout		
			02	Other Lookout		
			03	Forest Worker		
			04	Warden or District Employee where the fire occurred		
			05	Recreationist		
			06	Local Resident		
			07	Aircraft		
			08	Landowner or Agent		
			09	Motorist		
			10	Police Officer or Beach Patrol		
			99	Other		
PPF	Point	recommended	Disbyname	Discoverer's Name (if a lookout use the lookout name, otherwise list first and last name)	24 C	<input type="checkbox"/>
PPF	Point	recommended	Caused_by	Fire caused by code	2 C	<input type="checkbox"/>
Field Values:			01	Lightning		
			02	Timber Harvest Worker		
			03	Rancher/Farmer		
			04	Other Forest Management Worker		
			05	Ruralist (Small Property owner paying forest patrol assessments)		
			06	Other		
			07	Public Utility		
			08	Ruralist (Small Property owner not paying forest patrol assessments)		
			09	General Recreationist		
			10	Hunter		
			11	Fisherman		
			12	Hiker		
			13	Motorist		
			14	Other public (associated with the general public - include transients, etc.		
PPF	Point	required	General	General Cause of the fire	11 N	<input type="checkbox"/>
Field Values:			0	No Fire		
			1	Lightning		
			2	Railroad		
			3	Equipment Use		
			4	Recreationist		
			5	Smoking		
			6	Debris Burning		
			7	Arson		
			8	Juveniles		
			9	Miscellaneous		
			10	Under Investigation		
PPF	Point	required	Specific	3 digit code for the specific cause of the fire	11 N	<input type="checkbox"/>
Field Values:			1	Smoke Chase thought to be lightning(NFCA)		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
<i>PPF</i>	<i>Point</i>	<i>required</i>	<i>Specific</i>	<i>3 digit code for the specific cause of the fire</i>	<i>11 N</i>	<input type="checkbox"/>
Field Values:			2	Smoke Chase thought to be human-caused(NFCA)		
			3	Debris burning, no control action taken(NFCA)		
			4	Standby for another protection agency(NFCA)		
			5	Gas spill on highway(NFCA)		
			6	Check and put out unescaped campfires (NFCA)		
			99	other(NFCA)		
			101	Lightning		
			201	Railroad Brake Shoe		
			202	Railroad Speeder exhaust		
			203	Railroad engine exhaust		
			204	Railroad flares		
			205	Railroad Employee Smoking		
			206	Railroad right-of-way clearing		
			207	Railroad right-of-way spraying		
			208	Railroad debris burning		
			209	Railroad hot box		
			210	Railroad track maintenance		
			299	Railroad other		
			330	Logging Exhaust or Spark - Stationary Engine		
			331	Logging Exhaust or Spark - Mobile Loader		
			332	Logging Exhaust or Spark - Tractor		
			333	Logging Exhaust or Spark - Truck		
			334	Logging Power Saw		
			335	Logging Rigging - Sparks or Friction		
			336	Logging Log Friction while yarding		
			337	Logging Welding or Cutting		
			338	Logging Electrical wire on equipment		
			339	Logging Rotary Saw - Sparks or friction		
			340	Logging Cable system		
			341	Logging Warming fire		
				Logging Warming fire		
			349	Logging Other		
			350	Other equipment - Blasting		
			351	Other equipment - Burning Vehicle or equipment		
			352	Other equipment - Aircraft		
			353	Other equipment - Cutting and welding		
			354	Other equipment - Carbon sparks from vehicle		
			355	Other equipment - Power Saw (Not in forest operation)		
			356	Other equipment - Sparks from machinery		
			357	Other equipment - Heat from vehicle manifold or exhaust		
			358	Other equipment - Powerlines		
			359	Other equipment - Landowner electrical service		
			360	Other equipment - Electric fence		
			399	Other equipment - other		
			401	Recreationist - Campfire unattended (Camp site)		
			402	Recreationist - Campfire not extinguished		
			403	Recreationist - Warming fire unattended		
			404	Recreationist - Warming fire not extinguished		
			405	Recreationist - Rubbish disposal		
			406	Recreationist - Ignition of Spilled Appliance Fuel		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	required	Specific	3 digit code for the specific cause of the fire	11 N	<input type="checkbox"/>
Field Values:						
			407	Recreationist - Malfunction of Camp Appliance Fuel (Stove, Lantern, etc.)		
			499	Recreationist - Other		
			501	Smoking - Cigarette or Cigar thrown from an auto		
			502	Smoking - Cigarette or Cigar from hikers		
			503	Smoking - Smoker dropped burning match		
			505	Smoking - Worker smoking		
			506	Smoking - Discarded Cigarette or tobacco while not travelling		
			507	Smoking - Emptied Ash Tray		
			599	Smoking - Other Smoking related		
			601	Debris Burning - Inadequate clearing		
			602	Debris Burning - Inadequate resources to control		
			603	Debris Burning - Defective incinerator		
			604	Debris Burning - Unattended		
			605	Debris Burning - Burning prohibited material		
			610	Debris Burning - Failure to follow permit instruction		
			615	Debris Burning - Burning during poor condition		
			620	Debris Burning - Inadequate mopup		
			661	Slash Disposal - During Burn - Failure to follow instructions		
			662	Slash Disposal - During Burn - Failure to construct adequate fire break		
			663	Slash Disposal - During Burn - Fire lighted improperly		
			664	Slash Disposal - During Burn - Insufficient manpower and equipment		
			665	Slash Disposal - During Burn - Failure to recognize Burning Conditions severity		
			669	Slash Disposal - During Burn - Other		
			670	Slash Disposal - After Burn - Failure to adequately mopup		
			671	Slash Disposal - After Burn - Failure to adequately patrol		
			672	Slash Disposal - After Burn - Fire line not adequate		
			673	Slash Disposal - After Burn - Holdover from a previous burn > 90 days after igin		
			679	Slash Disposal - After Burn - Other		
			699	Debris Burning - Other Burning related		
			701	Arson - Fire to cause damage/injury to public agency		
			702	Arson - Fire to cause damage/injury to person		
			703	Arson - Creation of hunting area		
			704	Arson - Creation of Pasture or other Ownership		
			705	Arson - Caused due to emotional dysfunction/distress		
			706	Arson - Fire for profit or opportunity		
			707	Arson - Fire to cover up or distract from a criminal act		
			799	Arson - Other		
			801	Juveniles 12 and Under - Playing with fire		
			802	Juveniles 12 and Under - Smoking		
			803	Juveniles 12 and Under - Using fireworks		
			804	Juveniles 12 and Under - Setting thrill or dare fire		
			805	Juveniles 12 and Under - Setting fire maliciously		
			806	Juveniles 12 and Under - Under emotional distress		
			811	Juveniles 13 to 18 - Playing with fire		
			812	Juveniles 13 to 18 - Smoking		
			813	Juveniles 13 to 18 - Using fireworks		
			814	Juveniles 13 to 18 - Setting thrill or dare fires		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	required	Specific	3 digit code for the specific cause of the fire	11 N	<input type="checkbox"/>
Field Values:			815	Juveniles 13 to 18 - Setting fire maliciously		
			816	Juveniles 13 to 18 - Under emotional distress		
			889	Juveniles 13 to 18 - Other		
			899	Juveniles 12 and Under - Other		
			901	Miscellaneous - Explosive device		
			902	Miscellaneous - Burning building		
			903	Miscellaneous - Blasting		
			904	Miscellaneous - Sparks from chimney fire		
			905	Miscellaneous - Warming fire		
			907	Miscellaneous - Spontaneous combustion		
			910	Miscellaneous - Fireworks		
			911	Miscellaneous - Insect and pest control		
			913	Miscellaneous - Dumping of hot ashes		
			999	Miscellaneous - Other		
PPF	Point	recommended	Degree_cer	Investigation - Level of investigation by certified investigator	11 N	<input type="checkbox"/>
PPF	Point	recommended	General_re	GeneralRestrictins in effect at the time of the fire	11 N	<input type="checkbox"/>
Field Values:			0	Outside closed fires season		
			1	Closed Fire season only, (no other closure)		
			5	Regulated Use closure		
			6	Permit closure		
			7	Absolute closure		
PPF	Point	recommended	Industrial	Industrial restrictions in effect at the time of the fire	1 C	<input type="checkbox"/>
Field Values:			0	Outside closed fire season		
			1	Level 1 (Closed fire season only)		
			2	Level 2 (Partial hoot owl)		
				Level 2 (Partial hoot owl)		
			3	Level 3 (Partial shutdown)		
			4	Level 4 (General shutdown)		
			9	Does not apply (Eastern Oregon)		
PPF	Point	recommended	Burn_index	NFDRS burning index for the day of initial attack or the day of greatest fire spread	3 C	<input type="checkbox"/>
PPF	Point	recommended	Weathersta	Weather Station ID	24 C	<input type="checkbox"/>
PPF	Point	recommended	Regulatedu	Regulate Use Area	3 C	<input type="checkbox"/>
Field Values:			CM1			
			CS1			
			CS2			
			CS4			
			CS5			
			DG1			
			DG2			
			EC1			
			EC2			
			EL1			
			HA1			
			KF1			
			KF2			
			LN1			
			MA1			
			MA2			
			MH1			
			MH2			

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	recommended	Regulatedu	Regulate Use Area	3 C	<input type="checkbox"/>
Field Values:			MH3			
			MH4			
			NE1			
			NE2			
			NE3			
			NP1			
			NW1			
			NW2			
			NW3			
			RR1			
			RR2			
			SK1			
			SK2			
			SK3			
			SL1			
			SL2			
			SW1			
			SW2			
			SW3			
			UA1			
			UA2			
			WC1			
			WC2			
			WL1			
			WL2			
			WN1			
			WO1			
			WT1			
			WV1			
			WW1			
			WW2			
PPF	Point	required	Involve_op	Did the fire involve an operation	11 N	<input type="checkbox"/>
Field Values:			1	No operation involved		
			2	Fire originated because of an operation		
			3	Fire originated in an operation while it was in progress butnot the result of it		
			4	Slash responsibility		
PPF	Point	recommended	Notif_year	The 2 digits of the notification number that are the year	11 N	<input type="checkbox"/>
PPF	Point	recommended	Notif_dist	The ODF district number	11 N	<input type="checkbox"/>
PPF	Point	recommended	Notif_num	5 digit notification number	11 N	<input type="checkbox"/>
PPF	Point	recommended	Ign_dateti	The best estimate of the fire ignition date and time.	8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Discover_d	The best estimate of the fire discovery date and time which resulted in action being taken.	8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Report_dat	The date and time the fire was reported to the protection unit making the report.	8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Attack_dat	The best estimate of the date and time of that initial attack action was taken.	8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Control_da	The best estimate of date and time of control.	8 D yyyyymmdd	<input type="checkbox"/>
PPF	Point	recommended	Ds_cost	District regular suppression costs.	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Es_cost	Extra suppression costs	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Pc_cost	Private company and landowner suppression costs	20 N 5	<input type="checkbox"/>

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	recommended	Oa_cost	Other Agency suppression costs	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Est_damage	Total estimated damage costs	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Costrecove	Cost recovery flag	1 C	<input type="checkbox"/>
Field Values:			N	No		
			Y	Yes		
PPF	Point	recommended	Attachby	Initial Attach By is the group that took the first action toward eventual control of the fire	2 C	<input type="checkbox"/>
Field Values:			01	ODF District		
			02	Other Protection Agency		
			03	Operator Forest Worker		
			04	Public utility or railroad employee		
			05	Recreationist		
			06	Local resident or other than the landowner		
			08	Landowner or agent		
			99	Other		
PPF	Point	recommended	Attachtype	Type of initial attach	1 C	<input type="checkbox"/>
Field Values:			0	Other		
			1	Hand Tools or Back Pack		
			2	Portable Pump(s)		
			3	Engines to 300 Gals.		
			4	Engines over 300 Gals.		
			5	Dozer(s)		
			6	Helicopter(s) with Bucket or Tank		
			7	Helicopter(s) with Helitack Crew		
			8	Smoke Jumpers		
			9	Retardant Tanker		
PPF	Point	recommended	Flame_leng	The average flame length at the flaming front of the fire in feet	1 C	<input type="checkbox"/>
Field Values:			1	0 to 2		
			2	2+ to -4		
			3	4+ to -6		
			4	6+ to -8		
			5	8+ to -10		
			6	10+		
PPF	Point	recommended	Size_at_at	An estimate of the size of the fire to the nearest .01 acre when initial attack began	254 C	<input type="checkbox"/>
PPF	Point	recommended	Behavior	Fire behavior at initial attack	1 C	<input type="checkbox"/>
Field Values:			1	Smoldering		
			2	Creeping/Spreading		
			3	Running		
			4	Running and Spotting		
			5	Crowning		
			6	Crowning and Spotting		
			7	Erratic Behavior		
			9	Non-forest fuel		
PPF	Point	recommended	Fuel	General fuel model on fire area see NFDRS Tech. Report INT-39	1 C	<input type="checkbox"/>
Field Values:			A	Annual Grasses (cheat)		
			B	Dense chaparral		
			C	Open pine, grass under		
			C	Open pine, grass under		
			F	Dense brush-lighter than B		
			G	Conifer, old growth		
			H	Conifer, second growth		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	recommended	Fuel	General fuel model on fire area see NFDRS Tech. Report INT-39	1 C	<input type="checkbox"/>
Field Values:			I	Slash, heavy		
			J	Slash, medium		
			K	Slash, thinning, P.C., or scattered		
			L	Perennial Grasses		
			R	Hardwoods, summer		
			T	Sagebrush (med-dense)		
			U	Closed canopy pine		
			X	Non-wildland fuel		
PPF	Point	recommended	Topography	Topography at the fire origin	1 C	<input type="checkbox"/>
Field Values:			1	Ridgetop		
			3	Upper 1/3 of slope		
			4	Middle 1/3 of slope		
			5	Lower 1/3 of slope		
			9	Flat		
PPF	Point	recommended	Aspect	Aspect at the fire origin	1 C	<input type="checkbox"/>
Field Values:			0	Flat		
			1	N		
			2	NE		
			3	E		
			4	SE		
			5	S		
			6	SW		
			7	W		
			8	NW		
			9	Ridgetop		
PPF	Point	recommended	Slope	Slope at the fire origin	1 C	<input type="checkbox"/>
Field Values:			1	0 to 25		
			2	26 to 40		
			3	41 to 55		
			4	56 to 75		
			5	76+		
PPF	Point	recommended	Elevation	Elevation in feet at the fire origin	1 C	<input type="checkbox"/>
Field Values:			0	0 - 500		
			1	501 - 1500		
			2	1501 - 2500		
			3	2501 - 3500		
			4	3501 - 4500		
			5	4501 - 5500		
			6	5501 - 6500		
			7	6501 - 7500		
			8	7501 - 8500		
			9	8501+		
PPF	Point	recommended	Size_class	Size class of the fire	1 C	<input type="checkbox"/>
Field Values:			A	.25 acres or less		
			B	.26 to 10 acres		
			C	10.01 to 100 acres		
			D	100.01 to 300 acres		
			E	300.01 to 1,000 acres		
			F	1,000.01 to 5,000 acres		
			G	5,000.01 or more acres		
PPF	Point	recommended	Finalsize	Final fire size or total acres burned to the nearest .01 acre	20 N 5	<input type="checkbox"/>

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
PPF	Point	recommended	Statprot	State protected acres burned to the nearest .01 acres	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_r	Need definition	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_fa	Federal, agricultural acerage	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_fr	Federal, residential acerage burned	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_fg	Federal, grazing acerage burned	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_ft	Federal, timbered acerage burned	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_fs	Federal, special acerage burned	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Varc_x	Exclusion	20 N 5	<input type="checkbox"/>
PPF	Point	recommended	Olm_x	The Oregon Lambert X coordinate for the fire point location	12 N 3	<input type="checkbox"/>
PPF	Point	recommended	Olm_y	The Oregon Lambert Y coordinate for the fire point location	12 N 3	<input type="checkbox"/>
PPF	Point	recommended	Season	Need definition	12 C	<input type="checkbox"/>