

# Oregon Department of Forestry

## GIS Database Dictionary:

Final: v. 1.0.1 Complete (08/03/2000)

<b>Path to Master:</b>	odfdata\Fire	<b>Layer Title:</b>	<b>Lookouts</b>	<b>Theme Code:</b>	<b>ODFFC003</b>
<b>File Name:</b>	curlook	<b>Theme Class:</b>	Facilities	<b>Scale:</b>	1:24,000
<b>Master Format:</b>	ARCVIEW Shapefile	<b>Stability:</b>	Permanent	<b>Extent:</b>	Oregon
<b>Originator:</b>	ODF	<b>Designation:</b>	Steward	<b>Currentness:</b>	08/03/2000
<b>ODF Custodian:</b>	ODF GIS Data Administrator	<b>Data Class:</b>	Oregon Dept. of Forestry	<b>Update freq:</b>	As needed

**Abstract:** The lookout layer is a point location of active fire lookouts utilized by fire agencies in Oregon. The points are attributed with the name of the lookout, the managing agency, the height of the tower, and the elevation at the base of the tower. Retired lookouts are in another layer.

**Purpose:** The lookouts layer should be used to display lookout locations, perform visibility analysis on a Digital Elevation Model (DEM), and a location to measure an observed smoke from a given lookout.

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
ODF	point	required	lo_name	The name of the lookout.	25 C	<input type="checkbox"/>
ODF	point	recommended	lo_code	A unique code used in batch processes.	6 C	<input type="checkbox"/>
ODF	point	recommended	lo_agency	The agency (or ODF district) that manages or staffs the lookout.	25 C	<input type="checkbox"/>
<b>Field Values:</b>			BIA	USDI Bureau of Indian Affairs		
			Central Oregon	ODF Central Oregon District		
			Clackamas-Marion	ODF Clackamas-Marion District		
			Coos FPA	Coos Forest Protection Association		
			Crater Lake NP	USDI Crater Lake National Park		
			Deschutes NF	USFS Deschutes National Forest		
			Douglas FPA	Douglas Forest Protection Association		
			Fremont NF	USFS Fremont National Forest		
			Klamath-Lake	ODF Klamath-Lake District		
			Linn	ODF Linn District		
			Northeast Oregon	ODF Northeast Oregon District		
			Ochoco NF	USFS Ochoco National Forest		
			Southwest Oregon	ODF Southwest Oregon District		
			Umatilla NF	USFS Umatilla National Forest		
			Walker Range	Walker Range Forest Patrol		
			Winema NF	USFS Winema National Forest		
PPF	point	recommended	BaseElevFt	The elevation of record for the base of the tower	5 I	<input type="checkbox"/>
PPF	point	recommended	SpotElevFt	The elevation of the point derived from a DEM. Used by the ArcInfo visibility command.	5 I	<input type="checkbox"/>
PPF	point	recommended	offsetaFt	The height to the eye level of the lookout. Used by the ArcInfo visibility command.	5 N 1	<input type="checkbox"/>
PPF	point	recommended	offsetbFt	The height of the observed target. Usually not populated. Used by the ArcInfo visibility command.	5 N 1	<input type="checkbox"/>
ODF	point	recommended	x_coord	The x coordinate value of the point in the Oregon Lambert Projection. Calculated by the ArcInfo addxy command.	12 N 3	<input type="checkbox"/>
ODF	point	recommended	y_coord	The y coordinate value of the point in Oregon Lambert Projection. Calculated by the ArcInfo addxy command	12 N 3	<input type="checkbox"/>
PPF	point	recommended	azangle	The angle from grid north (Oregon Lambert) to true north. Used in the Smoke Chaser application. Values range from -2.4 to 2.4.	12 N 8	<input type="checkbox"/>
PPF	point	recommended	radius2	The effective visible radius of the lookout measured in feet. Used by the ArcInfo visibility command.	12 N 1	<input type="checkbox"/>
ODF	point	recommended	cntyname	The name of the county where the lookout is located. Populated by overlay with the county layer.	15 C	<input type="checkbox"/>
ODF	point	recommended	lo_latitude	The latitude of the lookout point. Decimal degrees, calculated from the x & y coordinates.	12 N 6	<input type="checkbox"/>
ODF	point	recommended	lo_longitude	The longitude of the lookout point. Decimal degrees, calculated from the x & y coordinates.	12 N 6	<input type="checkbox"/>