

Oregon Department of Forestry

GIS Database Dictionary:

Final: v. 2.0.2 Complete (09/09/2009)

Path to Master:	odfdata\Hydrography\streams	Layer Title:	<i>Streams (FP)</i>	Theme Code:	ODFHD001
File Name:	1/5 field HUC #	Theme Class:	Hydrography	Scale:	1:24,000
Master Format:	ARCVIEW Shapefile	Stability:	Permanent	Extent:	Oregon
Originator:	WA & OR Hydro Framework	Designation:	Steward	Currentness:	2007
ODF Custodian:	Private Forestry GIS Coordin	Data Class:	Oregon Dept. of Forestry	Update freq:	Yearly

Abstract: The ODF Streams data layer is derived from a variety of sources including linework from the BLM, USFS, State Forests (Spencer Gross), and USGS. The linework contains attributes that describe fish presence, stream size, and other key information used by stewardship foresters when reviewing forest operations and stewardship plans.

Purpose: The data set can be used for digital analysis, cartographic display, FPA fish presence documentation, and interagency data exchange.

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
ODF	Line	required	Fishpres	Signifies whether fish are present in the stream segment	7 C	<input type="checkbox"/>
Field Values:			Fish	Fish are present in the stream in accordance to OAR 629-635-0200(9) and (10)		
			Nonfish	Fish are not present in the stream segment		
			Unknown	Unknown		
ODF	Line	required	Verfish	Signifies whether the FISHPRES attribute is verified by a field survey or is estimated	10 C	<input type="checkbox"/>
Field Values:			Assumed	In accordance to OAR 629-635-0200(12)(a). (Class 1 designation pre-1995)		
			Ddem	Estimate of fish use based on modeled method,utilizing digital elevation model. In accordance to OAR 629-635-0200 13(c).		
			Dmapb	Estimate of fish use based on map method, to determine stream basin size. In accordance to OAR 629-635-0200 13(c).		
			Dmapg	Estimate of fish use based on map method, to determine stream gradient. In accordance to OAR 629-635-0200 13(c).		
			Dmapw	Estimate of fish use based on map method, to identify a waterfall. In accordance to OAR 629-635-0200 13(c).		
			Dphys	Estimate of fish use based on ground-truthed method, to determine stream physical characteristics. In accordance to OAR 629-635-0200 13(c).		
			Unknown	Unknown		
			Verified	Verified by electro-fishing survey		
ODF	Line	required	Versource	Verification source for FPA stream classification attribute data	10 C	<input type="checkbox"/>
Field Values:			BLM	Bureau of Land Management		
			FEDERAL	Other federal agency		
			Landowner	The name of a major landowner		
			Local	The name of a person with information		
			ODF	Oregon Department of Forestry		
			ODF&W	Oregon Department of Fish and Wildlife		
			Other	Anybody else		
			OWRD	Oregon Water Resources Department		
			USFS	US Forest Service		
			WCS	Watershed Council Survey		
ODF	Line	required	Veridate	Date of the verification survey	8 D yyyyymmdd	<input type="checkbox"/>
ODF	Line	required	Verifid	ID number for the verification survey	10 C	<input type="checkbox"/>
ODF	Line	required	fpasize	Forest Practice Act stream size designations.	7 C	<input type="checkbox"/>
Field Values:			Large	Average annual flow of ten cubic feet per second or greater		
			Medium	Average annual flow greater than two and less than ten cubic feet per second		
			Small	Average annual flow of two cubic feet per second or less		
			Unknown	Unknown		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
ODF	Line	required	Sizesrc	Source determining the FPA stream size	20 C	<input type="checkbox"/>
Field Values:			Calculated	Size calculated in accordance with OAR 629-635-0200(12)(13)		
			DEM	DEM flow accumulation calculation		
			Field	Field Survey		
ODF	Line	required	Barrier	Signifies whether fish use in a stream segment is limited by a barrier.	10 C	<input type="checkbox"/>
Field Values:			Culvert	An impassable culvert that initiates a fish blockage		
			Manmade	A man made blockage		
			Natural	A natural blockage		
			None	No barriers present		
			Torrent	Stream torrent		
ODF	Line	required	barryear	The year the barrier was initiated	7 C	<input type="checkbox"/>
Field Values:			None	If BARRIER value s NONE		
			Unknown	Do not know the year the barrier was initiated		
			Year	Year the barrier was initiated (4 characters for the year)		
ODF	Line	required	Domestic	"Domestic water use" means the use of water for human consumption and other household use.	12 C	<input type="checkbox"/>
Field Values:			Community	See definition in OAR 333-061-0020(23)		
			Domestic	See definition in OAR 333-061-0020(23)		
			Unknown	Unknown/Unclassified		
ODF	Line	required	Continuity	Stream flow primarily in relation to its expression at the earth's surface (Spatial aspect).	11 C	<input type="checkbox"/>
Field Values:			Continuous	A channel with no interruptions in space		
			Interrupted	A perennial flow with intervening intermittent or ephemeral segments		
			Subsurface	Watercourse reach that represents a sub-surface flow		
			Unknown	Unknown/Unclassified		
ODF	Line	required	Duration	Watercourses in terms of the seasonal behavior of the stream over time (Temporal aspect)	12 C	<input type="checkbox"/>
Field Values:			Perennial	Watercourse with year long surface water flow		
			Seasonal	Watercourses that flow in a channel, in response to a storm event, or that may become naturally dry during any other time of the year.		
			Unknown	Unknown/Unclassified		
ODF	Line	required	Sname	The name of the watercourse as represented within the Geographic Names Information System (GNIS)	50 C	<input type="checkbox"/>
ODF	Line	recommended	Mod_Fish	Fish presence based on modeling routine. This field does not necessarily reflect the official fish presence determination.	10 C	<input type="checkbox"/>
Field Values:			Fish	Fish present based on model		
			Nonfish	Fish not present based on model		
			NotModeled	Fish presence was not predicted in model		
ODF	Line	recommended	Mod_ID	Name to uniquely identify the modeling routine used for the Mod_Fish attribute	15 C	<input type="checkbox"/>
Field Values:			RC3_2007	Rule concept 3 -Gradient model		
ODF	Line	recommended	cartodisp	ODF Cartographic Display. Multiply field values by 1000.	4 C	<input type="checkbox"/>
Field Values:			12	Shown at 1:12,000 and all scales smaller		
			24	Shown at 1:24,000 and all scales smaller		
			63	Shown at 1:63,360 and all scales smaller		
			100	Shown at 1:100,000 and all scales smaller		
			250	Shown at 1:250,000 and all scales smaller		
			1000	Shown at 1:1,000,000 and all scales smaller		
ODF	Line	required	stdatasrc	Stream Feature Data Source, Originator of the digital line-work	10 C	<input type="checkbox"/>
Field Values:			BLM	Bureau of Land Management		
			HYDROCLEAR	Hydrography Clearinghouse		

ODF Type	Feature	Required	Field Name	Definition	Item Type	FW
ODF	Line	required	<i>stdata</i> src	<i>Stream Feature Data Source, Originator of the digital line-work</i>	10 C	<input type="checkbox"/>
Field Values:			ODFDIST	Digitized by ODF district staff		
			ODFPROG	Digitized by ODF program staff		
			Other	Anyone else		
			PDS	Photogrammetric Data Services		
			SG	Spencer Gross		
			USFS	US Forest Service		
			USGS	US Geological Survey		
ODF	Line	required	<i>Stsrc</i> q	<i>The method in which the data was collected.</i>	10 C	<input type="checkbox"/>
Field Values:			CFF	Cartographic Feature File		
			DEM	Digital elevation model		
			Densified	Does not appear on a 7.5 minute quad map. Created using an algorithm.		
			DLG	Digital Line Graph		
			GPS	Global positioning system		
			Headsup	Digitized with orthos or quads in the background		
			Sketch	Drawn on a map		
			UNKNOWN	Unknown source		
			WODDB	The Western Oregon Digital Data Base		
ODF	Line	required	<i>stsrc</i> date	<i>The date the stream data was collected (locational data -- geometry)</i>	8 D yyyyymmdd	<input type="checkbox"/>
ODF	Line	required	<i>Fpedit</i> date	<i>Date the fish presence record was modified or added</i>	8 D yyyyymmdd	<input type="checkbox"/>
ODF	Line	required	<i>Fpedit</i> name	<i>Initials of the person who modified the record</i>	3 C	<input type="checkbox"/>
ODF	Line	required	<i>Szedit</i> date	<i>Date the stream size record was modified</i>	8 D yyyyymmdd	<input type="checkbox"/>
ODF	Line	required	<i>Szedit</i> name	<i>Initials of the person who modified the record</i>	3 C	<input type="checkbox"/>
ODF	Line	required	<i>Baedit</i> date	<i>Date the Barrier record was modified</i>	8 D yyyyymmdd	<input type="checkbox"/>
ODF	Line	required	<i>Baedit</i> name	<i>Initials of the person who modified the record</i>	3 C	<input type="checkbox"/>