

Lake Number 78
 AOL Lake name **Fern Ridge Lake**
 GNIS ID 1130667
 GNIS Name Warren Slough
 NHD Reach Code 17090003017645
 Legacy LLID 1232915440921
 County Lane
 Admin. Basin Willamette
 Ecoregion Willamette Valley
 Type Reservoir
 Latitude 44° 07' 10"
 Longitude -123° 18' 08"
 Lake Area 9,360.0 Acres, 3,787.9 Hectare
 Lake Elevation 378 Ft., 153 M.
 Basin Area 279.0 Sq. Mi., 722.7 Sq. Km.

Demographics (2000)

Population in basin 74,303
 Population in 50 Mi. 538,100
 Population/Acre 7.94
 Housing Units 33,390
 Seasonal Units 95

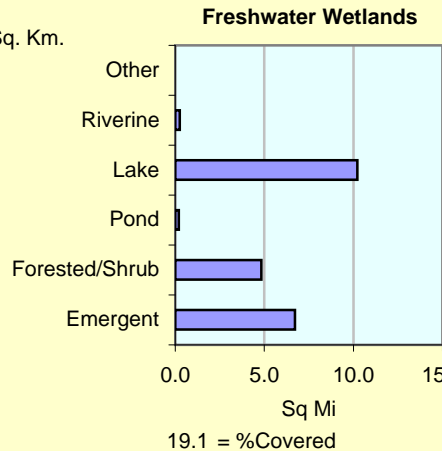
Dam Information

Federal ID OR00016
 Name Fern Ridge
 Dam Height 44 Ft.
 Storage 111,434 Acre Ft.
 River Long Tom River
 Owner Name DAEN/NPP
 Owner type Federal
 Type Earth
 Purposes Flood, Rec

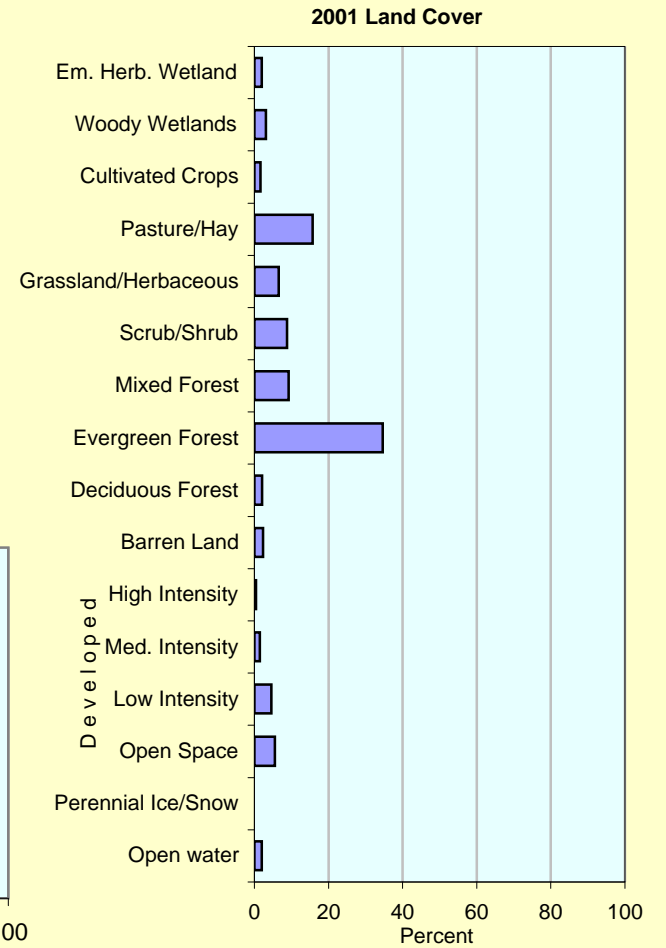
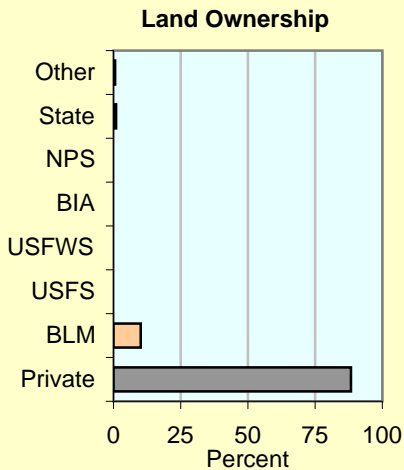
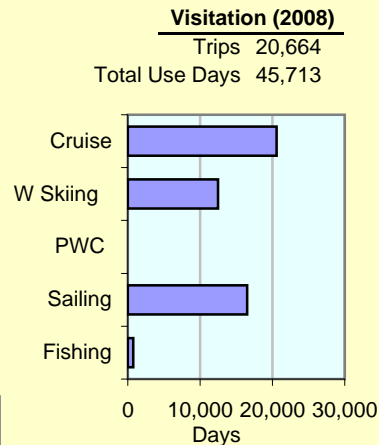
Constructed 1941
 Length 6,624 Ft.
 Height 49 Ft.
 Max Discharge 45,000 CFS
 Normal Storage 116,800 Acre Ft.
 Surface Area 9,103 Acres
 Drainage Area 252.0 Sq. Mi.

Mean Annual Precipitation (Inches)

Mean	SD	Min	Max	Range
52.7	6.2	43.3	68.5	25.2



Roughness
 Index 18.9
 Decile 5
 Steepness moderate



Land Cover Change		2001 Land Cover								
		Open Water	Urban	Barren	Forest	Grass/Shrub	Agriculture	Wetlands	Ice/Snow	Total
1992 Land Cover	Open Water	2.0								2.1
	Urban		11.7							11.7
	Barren			1.6						1.6
	Forest			0.6	45.8	3.6				50.9
	Grass/Shrub					11.7				11.9
	Agriculture						16.7			16.9
	Wetlands							5.0		5.0
	Ice/Snow								0.0	0.0
Total		2.0	11.9	2.3	45.9	15.3	17.5	5.0	0.0	100.0