

# Framework Data by Hazard Risk Assessment Values 082605

RA Value	Theme	Element	Scale	Data Type	Feature Type	Source
Hazard Identification Data						
	Administrative	coastal zone boundary	1:24k or better	vector	area	DLCD/NOAA
		drainage districts		vector	area	local govts
		greenways	1:1200, 1:2400	vector	area	local govts
		open burning areas		vector	area	DEQ
	Bioscience	wetlands	1:24k (NWI); 1:7200 (LWI)	vector	area	USFWS, DSL
		seed zones		vector?	area?	ODF
		potential vegetation	1:24k; 30m	vector, raster	area, pixel	24k-NRCS, BLM; 30m-USF
		riparian areas	1:24k	vector	area	USFWS
		existing vegetation	1:24k; 1:250k; 30m	vector, raster	poly, pixel	24k-USFS, BLM; 250k-GAP;
	Climate	precipitation - 24-hour intens	4 km	raster	grid	OSU
		temperature - annual minim	4 km	raster	grid	OSU
		snow water equivalent	800 m	raster	grid	OSU
		length of growing season	4 km	raster	grid	OSU
		solar radiation - monthly ave	800 m	raster	grid	OSU
		fog occurrence in western O	4 km	raster	grid	OSU
		precipitation - historic monthl	4 km	raster	grid	OSU

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		temperature ranges	4 km	raster	grid	OSU
		soil freeze depth	800 m	raster	grid	OSU
		soil temperature	800 m	raster	grid	OSU
		temperature - historic daily	4 km	raster	grid	OSU
		wind flow - monthly	800 m	raster	grid	OSU
		snowfall - monthly & annual	4 km	raster	grid	OSU
		temperature - median first/la	4 km	raster	grid	OSU
		temperature - monthly mean	800 m	raster	grid	OSU
		cloud cover - monthly avera	800 m	raster	grid	OSU
		precipitation - mean monthly	800 m	raster	grid	OSU
		precipitation - 100-year	4 km	raster	grid	OSU
		temperature - historic monthl	4 km	raster	grid	OSU
		precipitation - historic daily	4 km	raster	grid	OSU
	Elevation					
		aspect	10 meter or better	raster	pixel	
		bathymetry	10 meter or better	vector	line	
		slope	10 meter or better	raster	pixel	
		digital elevation models	10 meter or better	raster	pixel	10m USGS? 30m OTIS
		elevation contours	10 meter or better	vector	line	USGS?
	Geoscience					
		soils	1:24k	vector	area	NRCS
		geomorphology		vector	area	DOGAMI or USFS
		physiographic provinces		vector	area	
		geology	1:24k to 1:250,000	vector	area	DOGAMI

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	Hazards					
		volcano hazard				USGS
		landslide zones				ODF/DOGAMI
		tsunami inundation zone	1:24k			DOGAMI
		coastal erosion areas	Unkn			DLCD/USGS DOGAMI? NO
		floodplains		vector	area	DLCD/FEMA
		debris flow hazard zone	1:24k			ODF/DOGAMI
		drought areas				National Drought Mitigation
		avalanche zone	1:24k or better			NWS? USFS (NW Weather
		wildland/urban interface bou	1:24k	vector	area	Local govns/ODF & OSP-Stat
		dust storm occurrence				USGS?
		windstorm hazard				USGS
		winter storm hazard		vector	area	
		earthquake hazard				DOGAMI
	Hydrography					
		water points	1:24k and better	vector	point	PNW Hydrography Framew
		watercourses	1:24k and better	vector	line, network	PNW Hydrography Framew
		water body shorelines	1:24k and better	vector	line	PNW Hydrography Framew
		hydrologic units (1st-6th field	1:24k and better	vector	area	PNW Hydrography Framew
		water bodies	1:24k and better	vector	area	PNW Hydrography Framew
<b>Not Applicable</b>						
	Administrative					
		cemetery maintenance distri		vector	area	Counties

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		special road districts		vector	area	Counties
		voting precincts	1:24k or better	vector	area	local govts
		council of governments bou		vector	area	COGs
		weather modification district		vector	area	Counties
		vehicle inspection areas		vector	area	DEQ?
		shellfish management progr	1:24k or better	vector	area	ODA
		election districts - local	1:2400?	vector	area	local govts
		city & county comprehensive		vector	area	DLCD
		translator districts		vector	area	Counties
		vegetation line (coastal)		vector	line	DLCD
		library districts		vector	area	local govts
		area commissions on transp		vector	area	ODOT
		non-attainment areas (air qu		vector	area	DEQ
		county road districts		vector	area	Local govts, ODOT?
		soil water conservation distri		vector	area	ODA
		state agency administrative	1:100k or better	vector	area	OWRD, ODF, ODA, ODOT,
		election districts - state	1:100k	vector	area	SOS
		time zone boundary	1:24k or better	vector	area	
		urban renewal districts		vector	area	Local govts
		urban reserve areas		vector	area	DLCD
		urban unincorporated areas,		vector	area	Counties?
		election districts - federal	1:24k or better	vector	area	Oregon Legislature/DAS
		air quality control regions		vector	area	DEQ
		vector control districts		vector	area	local govts/DOR

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		federal urban transportation	1:24k or better	vector	area	ODOT
		geothermal heating districts		vector	area	Counties
		air quality maintenance area		vector	area	DEQ
		development districts	1:1200; 1:2400	vector	area	local gov's
		salmon trout enhancement p	1:24k	vector	area	ODFW/OWEB?
		enterprise zone boundaries		vector	area	DOE
		agricultural water quality mg	1:24k or better	vector	area	ODA
		education service districts		vector	area	ODE?
		zipcode boundaries	1:24k or better	vector	area	USPS
		wildlife management units		vector	area	ODFW
		prevention of significant dete		vector	area	DEQ
	Cadastral					
		assessor's map boundaries	1:1200; 1:2400	vector	area	counties
		Donation Land Claims		vector	area	ODOT?
		multi-account file	n/a	tabular	na	Counties
		tax code boundaries		vector	area	Counties
	Climate					
		RAWS (Remote Automated		vector	point	various-PNWCG
		commercial datasets	2 km	raster	grid	vendors
	Geodetic Cont					
		geodetic control points	centimeter or better	vector	point	NGS, county surveyors
		other survey control	subcentimeter	vector	point	county surveyors
	Public Safety					
		site address points	1:1200, 1:2400	vector	point	local gov's

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	Reference					
		GNIS points		vector	point	OGDC
		DRGs	1:250k, 1:100k, 1:24k	raster	pixel	USGS
		coordinate systems	n/a	tabular	na	GEO
		indices	n/a	vector	area	GEO
		cities	1:24k	vector	point	GNIS? Census?
	Transportation					
		road centerlines	1:24k or better	vector	line	Road authorities
		address ranges	1:24k or better	tabular	na	road authorities/OEM
		milepoints	1:24k or better	vector	point events	ODOT, road authorities
		lighthouses	1:24k or better	vector	point	
		reference points (FTRP)	1:24k or better	vector	node	ODOT

## Vulnerability Assessment Data

### Administrative

	fire management area zones	1:100K	vector	area	ODF
	park and recreation districts		vector	area	Local govts
	federal agency organization	1:24k	vector	area	BLM, USFS, BOR, USF&W,
	transportation districts	1:24k or better	vector	area	local govts
	oil spill geographic response		vector	area	DEQ
	employment regions	1:24k or better	vector	area	OED
	state park boundaries		vector	area	OPRD
	road assessment districts		vector	area	Counties
	oxygenated gasoline control		vector	area	DEQ

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		water improvement districts		vector	area	Local gov's
		state forest boundaries		vector	area	ODF
		state boundary	1:24k	vector	area	BLM
		service districts		vector	area	locals
		Urban Growth Boundaries	1:24k	vector	area	locals, ODOT?
		school districts	1:4800	vector	area	counties
		port districts		vector	area	local gov's
		water control districts		vector	area	Local gov's
		people's utility districts		vector	area	local gov's
		watershed council boundarie	1:24K (west); 1:100k (east)	vector	area	OWEB
		sanitary districts		vector	area	Local gov's
		rural fire protection districts	1:100k	vector	area	ODF
		roadless areas	1:500k	vector	area	REO
		regulated use zones		vector	area	ODF?
		neighborhood associations	1:2400 or better	vector	area	cities
		wastesheds		vector	area	DEQ
		fish management districts		vector	area	ODFW
		county boundaries - OR	1:1200, 1:2400	vector	area	locals
		county boundaries – WA, C	1:100k or better	vector	area	respective states/ODF
		forest protection districts		vector	area	ODF
		city limits	1:24k	vector	area	counties
		American Indian Reservatio	1:1200, 1:2400	vector	area	BIA
		census 2000 geographies	1:100k	vector	area	US Census
		groundwater management a		vector	area	DEQ

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		groundwater restricted areas	1:24k	vector	area	OWRD
		community college districts		vector	area	Community College Board
		irrigation districts		vector	area	local gov's
		highway lighting districts		vector	area	Counties
		port hospital districts		vector	area	Counties
		emergency communications		vector	area	local gov's
		national memorials, parks, s	1:24k	vector	area	NPS, USFS, other fed agenc
		national forest boundaries	1:24k	vector	area	USFS
		health districts		vector	area	counties/DHS
		metropolitan service districts		vector	area	local gov's
		drinking water protection are	1:24k or better	vector	area	DHS
		domestic water supply distri		vector	area	Counties
		downtown districts		vector	area	local gov's
		designated scenic areas (sta		vector	area	ODOT
		MPO boundaries		vector	area	Local gov's
		mass transit districts		vector	area	local gov's
	Bioscience					
		aquatic species & ranges	1:100k; 1:24k			ODFW
		aquatic habitat	1:100k; 1:24k			ODFW
		wildlife habitat distribution	1:24k			ODFW, OSU (INR)
		anadromous fish habitat dist	1:24k			ODFW/NOAA/OWEB
		fish stock status	n/a			ODFW/NOAA/OWEB
		hatchery release locations	n/a	vector	point	ODFW/StreamNet
		marine species habitat distri	Varies by species			ODFW (Newport)/NOAA/OS

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		terrestrial species/distributio	30 meters	raster	pixel	OSU
		anadromous fish abundance				
		historic vegetation	1:24k; 1:100k	vector	area	24k-ORNHIC; 100K-FS/BLM
	Cadastral	GCDB	1:24k	vector	point, line, are	BLM
		state government properties	1:1200	vector	area	DAS - Facilities
		public lands ownership	1:24K; 1:1200; 1:2400?	vector	area	ODF/DSL
		tax lots	1:1200, 1:2400, 1:4800, 1:2	vector	area	Counties
		PLSS	1:24k	vector	area	BLM
		subdivision plat maps	1:1200; 1:2400	image	n/a	counties
	LULC	historic sites	1:24k	vector	point	OPRD
		archaeological sites	1:24k	vector	point	OPRD
		public land management / st	1:24k	vector	area	ORNHIC
		recreation sites	1:24k	vector	point	OPRD
		land use land cover - genera	30 m	raster	grid	NLCD
		land use - detailed	1:1200; 1:2400	vector	area	local govns
		ecoregions	1:250k	vector	area	EPA, DEQ
		zoning (nonUGB lands)	1:100k	vector	area	DLCD
		cemeteries	1:24k	vector	point	OPRD
		zoning (all lands)	1:1200; 1:2400	vector	line	local govns
	Orthoimagery	.5-meter DOQs	.5 meter	raster	pixel	various
		1-meter DOQs	1 meter	raster	pixel	various

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		30-meter DOQs	30 meter	raster	pixel	USGS
	Public Safety	hospitals & medical facilities	1:1200; 1:2400	vector	point	Local govs
		hazardous materials sites	1:24k or better	vector	point	Various/OSP (Fire Marshal)
		public safety station location		vector	point	
		military facilities	1:24k or better	vector	area	DOD
		state police post boundaries	1:24k	vector	area	OSP
		emergency facilities	1:10k or better	vector	point	local govs
		commercial key assets	1:24k	vector	point	OED
		stadiums	1:1200; 1:2400	vector	point	Local govs
		evacuation routes		vector	line	locals
		port facilities (air, sea, river)	1:1200; 1:2400	vector	line, area	FAA, Coast Guard?, Army C
		public safety response areas	1:1200, 1:2400	vector	area	Local govs
		wildfire-related facilities		vector	point	
		public bldg footprints	1:1200, 1:2400, 1:4800	vector	area	OEM?
		schools		vector	point	OED
		emergency service zones		vector	area	OEM
		rail facilities		vector	point, area	
		monuments/icons		vector	point	
		emergency reference data st		vector	point	
		dam facilities	1:1200; 1:2400	vector	poly	Owners/operators (BOR, Ar
	Reference	demographic data	n/a	tabular	na	US Census
	Transportation					

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		ports	1:24k or better	vector	point	FAA, DOA, ODOT
		VOR	1:24k or better	vector	point	Airports/Dept of Aviation/FA
		transportation structures	1:24k or better	vector	point	Road authorities
		mileposts	1:24k or better	vector	point events	ODOT/counties
		cablecars and chairlifts	1:24k or better	vector	point, line	local govts
		airports	1:24k or better	vector	point, line	county maps
		navigation hazards	1:24k or better	vector	point, line, are	Coast Guard, FAA, DOA, util
		heliports	1:24k or better	vector	point	FAA, DOA
		trails	1:24k or better	vector	line	OPRD/BLM/USFS/NPS
		culverts	1:24k or better	vector	point, line	Road authorities
		bridges	1:24k or better	vector	point	ODOT/road authorities/USD
		railroads	1:24k or better	vector	line	ODOT
	Utilities					
		sanitary sewer treatment & c	1:1200; 1:2400	vector	point, line, net	Owners/operators
		water distribution facilities	1:1200; 1:2400	vector	line, network	owners/operators
		water supply watersheds		vector	area	
		storm drainage basins		vector	area	local govts
		solid waste/transfer sites		vector	point	owners/operators/local govts
		recycling facilities		vector	point	owners/operators
		oil & gas supply and transmi	1:1200; 1:2400	vector	point, line, net	owners/operators/PUC
		municipal watersheds		vector	area	local govts
		septic systems	1:1200; 1:2400	vector	point	owners/local govts
		utility service areas	1:1200; 1:2400	vector	area	PUC
		gas distribution facilities	1:1200; 1:2400	vector	point, line, net	Owners/operators

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		utility easements	1:1200; 1:2400	vector	area	Owners/operators/counties
		storm sewer drainage & cont	1:1200; 1:2400	vector	point, line, net	Owners/operators
		telecommunication facilities	1:1200; 1:2400	vector	point	Owners/operators/FCC
		electric generation & transmi	1:1200; 1:2400	vector	point, line, net	Owners/operators/PUC
		water supply & transmission	1:1200; 1:2400	vector	point, line, net	Owners/operators/local govns
		electric distribution facilities	1:1200; 1:2400	vector	point, line, net	Owners/operators