

GIS Element of the Oregon Rivers Database System – ODOE Version.

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Note: The structure of these files may change as new EPA River Reach data and other resource data is added.

**** NOTE: Columns 1 – 28 contain typical ARC/Info data items (through USER-ID, in this case "ORRIVERS-ID").

COLUMN	Field Name	Type	Width	Dec	Description
1	FNODE#	Integer	4	-	
5	TNODE#	Integer	4	-	
9	LPOLY#	Integer	4	-	
13	RPOLY#	Integer	4	-	
17	LENGTH	Numeric	12	3	
21	ORRIVERS#	Integer	4	-	
25	ORRIVERS-ID	Integer	4	-	
29	HUC	Integer	8	-	EPA Hydrologic Unit Code
37	SEG	Integer	3	-	EPA Segment Number
40	SEG-LENGTH	Numeric	4	1	RRN segment length in miles
44	PROT-LENGTH	Numeric	4	1	Protected length in miles for this RRN
**** NOTE: The above value may be less than the RRN segment length, which indicates that only part of the river segment (with anadromous fish) is proposed for protection					
48	PMILE	Numeric	7	1	EPA Path mile
52	PNAME	Numeric	30	-	River name
82	WRD-NO	Character	25	-	Oregon Water Resources code
107	RRN	Character	16	-	EPA River Reach Number (RRN)
123	TRIB	Character	30	-	Name of the river that the reach flows into
**** NOTE: Value classes below are from 1 to 4					
	1	excellent			
	2	good			
	3	fair			
	4	poor			
	N	resource not present			
	U	unknown			
153	FVAL	Character	1	-	Oregon Resident Fish Value Class for this RRN
154	WVAL	Character	1	-	Oregon Wildlife Value Class for this RRN
155	ANAD	Character	1	-	Logical flag indicating presence or absence of Anadromous fish – T or F
156	RECVAL	Character	1	-	Oregon Recreation Value Class for this RRN
157	NATVAL	Character	1	-	Oregon Natural Features Value Class for this RRN
158	SCENIC	Character	1	-	Scenic features flag – T or F
159	PAD	Character	1	-	NWPPC Proposed Protected Class Designation, coded as:
	U	Unprotected			

- A Protected for Anadramous Fish only
- C Protected for Anadramous Fish, Resident Fish AND Wildlife
- D Protected for Anadramous Fish AND Resident Fish OR Wildlife
- F Protected for Resident Fish only
- W Protected for Wildlife only

**** NOTE: The classification designations for protection in Oregon are really either Protected or Unprotected. Even though "A" may be indicated, the river segment was not evaluated for resident fish or wildlife if it would be protected for anadramous fish.

160	FREV-DATE	Date	8	-	Revision date for fish data
168	ZONE	Character	1	-	Stream Geo-hydraulic zone, coded as:
		A			Steep gradient, boulders, straight channel
		B			Moderate gradient, gravel/cobble, braided channel
		C			Slight gradient, fine sediments, meandering channel
169	FLAND-USE	Character	1	-	Local land use, coded as:
		A			Agriculture
		B			Forestry
		G			Grazing
		I			Industrial
		M			Mining
		R			Rural residential
		U			Urban
170	FDIVERSITY	Character	1	-	Stream diversity (structure, cover, pool/riffle), coded as:
		A			High
		B			Moderate
		C			Low
171	FLOW	Character	1	-	Flow regulation, coded as:
		A			Unregulated
		B			Regulated
		C			Highly regulated
172	TEMP	Character	1	-	Water temperature, coded as:
		A			Hardly ever above 70 degrees Fahrenheit
		B			Occasionally above 70 degrees Fahrenheit
		C			Often above 70 degrees Fahrenheit
173	RIP	Character	1	-	Riparian cover, coded as:
		A			Above 75% (originally "Above 25%", but that is not logical)
		B			25% - 75%
		C			Below 25%
174	ERO	Character	1	-	Streambank erosion, coded as:
		A			Below 25%
		B			25% - 75%
		C			Above 75%
175	FSPECIES	Character	3	-	Major Species
178	FSPE-CONC	Character	1	-	Species of Concern, coded as:
		H			High concern
		M			Intermediate concern
		L			Low concern
179	FHABITAT	Character	1	-	Habitat productivity, coded as
		H			High concern
		M			Intermediate concern
		L			Low concern

**** NOTE: Columns 180 through 185 are classified as T (true) or F (false).

180	FMIGR	Character	1	-	Migration corridor?
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181	FRARE	Character	1	-	Rare species?
182	FRESEARCH	Character	1	-	Research sites?
183	FPOTENTIAL	Character	1	-	Potential value?
184	STOCKED	Character	1	-	Stocked stream?
185	FSPEC-DIVER	Character	1	-	Species diversity?
186	FSPP-VAL	Character	1	-	Overall species value, coded as:
		1	Outstanding		
		2	Substantial		
		3	Moderate		
		4	Limited		
		U	Unknown		
		N	Not present		
187	FUSE	Character	1	-	Angler use, coded as:
		H	High		
		M	Intermediate		
		L	Low		
188	FABUND	Character	1	-	Fish abundance, coded as:
		H	High		
		M	Intermediate		
		L	Low		
189	FEXC	Character	1	-	Angler use/Fish abundance exceptions, coded as:
		1	Quality of fishing experience (outstanding scenery, large fish)		
		2	Economic importance (sport fishery important to local economy)		
		3	Fishing success (unique species in area)		
		4	Potential value (value to anglers likely to change)		
190	FUSE-VAL	Character	1	-	Overall recreation value, coded same as FSPP-VAL
191	FISHVAL	Character	1	-	Overall summary fish value, coded same as FSPP-VAL
192	FDOC	Character	1	-	Documentation source, coded as:
		P	Published		
		D	Existing data		
		E	Estimated		
		U	Unknown		
193	FCOMMENTS	Character	30	-	Comment field
223	WREV-DATE	Date	8	-	Revision date for wildlife data
231	WLAND-USE	Character	1	-	Local land use, coded same as FLAND-USE
232	WDIVERSITY	Character	1	-	Stream diversity, coded same as FDIVERSITY
233	COM	Character	1	-	Communities of special concern, coded as:
		A	River islands		
		B	Well-developed riparian vegetation		
		C	Old growth cottonwood bottoms		
		D	Old growth coniferous bottoms		
		E	Other		
234	SHAB	Character	1	-	Important seasonal habitats
		A	Occupied by T&E or limited distribution		
		B	Big game winter range		
		C	Nesting habitat		
		D	Occupied by species of special concern		
		E	Other		
235	DIS	Character	1	-	Disturbances (major or minor)
236	WSPECIES	Character	3	-	Major species
239	WSPEC-CONC	Character	1	-	Species of concern, coded as:
		H	High concern		
		M	Intermediate concern		
		L	Low concern		

240	WHABITAT	Character	1	-	Habitat productivity, coded as:
	H	High concern			
	M	Intermediate concern			
	L	Low concern			

**** NOTE: Columns 241 through 245 are classified as T (true) or F (false).

241	WMIGR	Character	1	-	Migration corridor?
242	WRARE	Character	1	-	Rare species?
243	WRESEARCH	Character	1	-	Research sites?
244	WPOTENTIAL	Character	1	-	Potential value?
245	WSPEC-DIVER	Character	1	-	Species diversity
246	WSPP-VAL	Character	1	-	Overall species value, coded as:
	1	Outstanding			
	2	Substantial			
	3	Moderate			
	4	Limited			
	U	Unknown			
	N	Not present			
247	WUSE	Character	1	-	Harvest use, coded as:
	H	High			
	M	Intermediate			
	L	Low			
248	WABUND	Character	1	-	Wildlife abundance, coded as:
	H	High			
	M	Intermediate			
	L	Low			
249	WEXC	Character	1	-	Use/Abundance exceptions, coded as:
	1	Quality of fishing experience (outstanding scenery, large fish)			
	2	Economic importance (sport fishery important to local economy)			
	3	Fishing success (unique species in area)			
	4	Potential value (value to anglers likely to change)			
250	WUSE-VAL	Character	1	-	Overall recreation value, coded same as FSPP-VAL
251	WILDVAL	Character	1	-	Overall summary wildlife value, coded same as FSPP-VAL
252	WDOC	Character	1	-	Documentation source, coded as:
	P	Published			
	D	Existing data			
	E	Estimated			
	U	Unknown			
253	WCOMMENTS	Character	30		Comment field
283	AREV-DATE	Date	8		Revision date for anadromous data
291	SP-CHIN	Numeric	4	2	% reach used by Spring Chinook
295	SU-CHIN	Numeric	4	2	% reach used by Summer Chinook
299	FA-CHIN	Numeric	4	2	% reach used by Fall Chinook
303	COHO	Numeric	4	2	% reach used by Coho
307	SU-STHD	Numeric	4	2	% reach used by Summer Steelhead
311	WI-STHD	Numeric	4	2	% reach used by Winter Steelhead
315	CHUM	Numeric	4	2	% reach used by Chum
319	SOCKEYE	Numeric	4	2	% reach used by Sockeye
323	ANAD-MILE	Numeric	5	1	Anadromous miles for entire river
328	NUMSPP	Numeric	1	-	Number of anadromous species
329	FREQ	4	5	-	??
*****	REDEFINED ITEMS			*****	
29	EPANUM	Character	11	-	??

The following table is printed from the "orrivers" coverage hosted at the OGD website.

Tables: sel orrivers.aat
 4078 Records Selected.
 Tables: items

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED?
1	FNODE#	4	5	B	-		-
5	TNODE#	4	5	B	-		-
9	LPOLY#	4	5	B	-		-
13	RPOLY#	4	5	B	-		-
17	LENGTH	4	12	F	3		-
21	ORRIVERS#	4	5	B	-		-
25	ORRIVERS-ID	4	5	B	-		-
29	HUC	8	8	I	-		-
37	SEG	3	3	I	-		-
40	SEG-LENGTH	4	5	F	1		-
44	PROT-LENGTH4	4	4	N	1		-
48	PMILE	4	8	F	1		-
52	PNAME	30	30	C	-		-
82	WRD-NO	25	25	C	-		-
107	RRN	16	16	C	-		-
123	TRIB	30	30	C	-		-
153	FVAL	1	1	C	-		-
154	WVAL	1	1	C	-		-
155	ANAD	1	1	C	-		-
156	RECVAL	1	1	C	-		-
157	NATVAL	1	1	C	-		-
158	SCENIC	1	1	C	-		-
159	PAD	1	1	C	-		-
160	FREV-DATE	8	8	D	-	A	-
168	ZONE	1	1	C	-	B	-
169	FLAND-USE	1	1	C	-	C	-
170	FDIVERSITY	1	1	C	-	D	-
171	FLOW	1	1	C	-	E	-
172	TEMP	1	1	C	-	F	-
173	RIP	1	1	C	-	G	-
174	ERO	1	1	C	-	H	-
175	FSPECIES	3	3	C	-	I	-
178	FSPE-CONC	1	1	C	-	J	-
179	FHABITAT	1	1	C	-	K	-
180	FMIGR	1	1	C	-	L	-
181	FRARE	1	1	C	-	M	-
182	FRESEARCH	1	1	C	-	N	-
183	FPOTENTIAL	1	1	C	-	O	-
184	STOCKED	1	1	C	-	P	-
185	FSPEC-DIVER	1	1	C	-	Q	-
186	FSPP-VAL	1	1	C	-	R	-
187	FUSE	1	1	C	-	S	-
188	FABUND	1	1	C	-	T	-
189	FEXC	1	1	C	-	U	-
190	FUSE-VAL	1	1	C	-	V	-
191	FISHVAL	1	1	C	-	W	-
192	FDOC	1	1	C	-	X	-
193	FCOMMENTS	30	30	C	-	Y	-

223	WREV-DATE	8	8	D	-	-
231	WLAND-USE	1	1	C	-	-
232	WDIVERSITY	1	1	C	-	-
233	COM	1	1	C	-	-
234	SHAB	1	1	C	-	-
235	DIS	1	1	C	-	-
236	WSPECIES	3	3	C	-	-
239	WSPEC-CONC	1	1	C	-	-
240	WHABITAT	1	1	C	-	-
241	WMIGR	1	1	C	-	-
242	WRARE	1	1	C	-	-
243	WRESEARCH	1	1	C	-	-
244	WPOTENTIAL	1	1	C	-	-
245	WSPEC-DIVER	1	1	C	-	-
246	WSPP-VAL	1	1	C	-	-
247	WUSE	1	1	C	-	-
248	WABUND	1	1	C	-	-
249	WEXC	1	1	C	-	-
250	WUSE-VAL	1	1	C	-	-
251	WILDVAL	1	1	C	-	-
252	WDOC	1	1	C	-	-
253	WCOMMENTS	30	30	C	-	-
283	AREV-DATE	8	8	D	-	-
291	SP-CHIN	4	4	N	2	-
295	SU-CHIN	4	4	N	2	-
299	FA-CHIN	4	4	N	2	-
303	COHO	4	4	N	2	-
307	SU-STHD	4	4	N	2	-
311	WI-STHD	4	4	N	2	-
315	CHUM	4	4	N	2	-
319	SOCKEYE	4	4	N	2	-
323	ANAD-MILE	5	5	N	1	-
328	NUMSPP	1	1	N	0	-
329	FREQ	4	5	B	-	-
**	REDEFINED ITEMS	**	**			
29	EPANUM	11	11	C	-	-

The following table is printed from the "orrivers" shapefile hosted at the OGDC website.

Alias	Type	Width	Decimal	Indexed?
Shape	FIELD_SHAPELINE	9	0	false
Fnode_	FIELD_DECIMAL	11	0	false
Tnode_	FIELD_DECIMAL	11	0	false
Lpoly_	FIELD_DECIMAL	11	0	false
Rpoly_	FIELD_DECIMAL	11	0	false
Length	FIELD_DECIMAL	12	3	false
Orrivers_	FIELD_DECIMAL	11	0	false
Orrivers_i	FIELD_DECIMAL	11	0	false
Huc	FIELD_DECIMAL	8	0	false
Seg	FIELD_DECIMAL	3	0	false
Seg_length	FIELD_DECIMAL	5	1	false
Prot_lengt	FIELD_DECIMAL	4	1	false
Pmile	FIELD_DECIMAL	8	1	false
Pname	FIELD_CHAR	30	0	false
Wrd_no	FIELD_CHAR	25	0	false
Rrn	FIELD_CHAR	16	0	false
Trib	FIELD_CHAR	30	0	false
Fval	FIELD_CHAR	1	0	false
Wval	FIELD_CHAR	1	0	false
Anad	FIELD_CHAR	1	0	false
Recval	FIELD_CHAR	1	0	false
Natval	FIELD_CHAR	1	0	false
Scenic	FIELD_CHAR	1	0	false
Pad	FIELD_CHAR	1	0	false
Frev_date	FIELD_DATE	8	0	false
Zone	FIELD_CHAR	1	0	false
Fland_use	FIELD_CHAR	1	0	false
Fdiversity	FIELD_CHAR	1	0	false
Flow	FIELD_CHAR	1	0	false
Temp	FIELD_CHAR	1	0	false
Rip	FIELD_CHAR	1	0	false
Ero	FIELD_CHAR	1	0	false
Fspecies	FIELD_CHAR	3	0	false
Fspe_conc	FIELD_CHAR	1	0	false
Fhabitat	FIELD_CHAR	1	0	false
Fmigr	FIELD_CHAR	1	0	false
Frare	FIELD_CHAR	1	0	false
Fresearch	FIELD_CHAR	1	0	false
Fpotential	FIELD_CHAR	1	0	false
Stocked	FIELD_CHAR	1	0	false
Fspec_dive	FIELD_CHAR	1	0	false
Fspp_val	FIELD_CHAR	1	0	false
Fuse	FIELD_CHAR	1	0	false
Fabund	FIELD_CHAR	1	0	false
Fexc	FIELD_CHAR	1	0	false
Fuse_val	FIELD_CHAR	1	0	false
Fishval	FIELD_CHAR	1	0	false
Fdoc	FIELD_CHAR	1	0	false
Fcomments	FIELD_CHAR	30	0	false
Wrev_date	FIELD_DATE	8	0	false
Wland_use	FIELD_CHAR	1	0	false

Wdiversity	FIELD_CHAR	1	0	false		
Com	FIELD_CHAR	1	0	false		
Shab	FIELD_CHAR	1	0	false		
Dis	FIELD_CHAR	1	0	false		
Wspecies	FIELD_CHAR	3	0	false		
Wspec_conc	FIELD_CHAR			1 0	false	
Whabitat	FIELD_CHAR	1	0	false		
Wmigr	FIELD_CHAR	1	0	false		
Wrare	FIELD_CHAR	1	0	false		
Wresearch	FIELD_CHAR	1	0	false		
Wpotential	FIELD_CHAR	1	0	false		
Wspec_dive	FIELD_CHAR			1 0	false	
Wspv_val	FIELD_CHAR	1	0	false		
Wuse	FIELD_CHAR	1	0	false		
Wabund	FIELD_CHAR	1	0	false		
Wexc	FIELD_CHAR	1	0	false		
Wuse_val	FIELD_CHAR	1	0	false		
Wildval	FIELD_CHAR	1	0	false		
Wdoc	FIELD_CHAR	1	0	false		
Wcomments	FIELD_CHAR			30	0	false
Arev_date	FIELD_DATE	8	0	false		
Sp_chin	FIELD_DECIMAL	4	2	false		
Su_chin	FIELD_DECIMAL	4	2	false		
Fa_chin	FIELD_DECIMAL	4	2	false		
Coho	FIELD_DECIMAL	4	2	false		
Su_sthd	FIELD_DECIMAL	4	2	false		
Wi_sthd	FIELD_DECIMAL	4	2	false		
Chum	FIELD_DECIMAL	4	2	false		
Sockeye	FIELD_DECIMAL	4	2	false		
Anad_mile	FIELD_DECIMAL	5	1	false		
Numspp	FIELD_DECIMAL	1	0	false		
Freq	FIELD_DECIMAL	11	0	false		
Epanum	FIELD_CHAR	11	0	false		