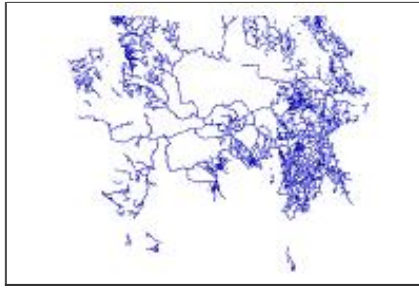


# Bull Trout Distribution

## File Geodatabase Feature Class



### Tags

Bull Trout, Fish Distribution, Washington, Idaho, Columbia River Basin, Pacific Northwest, Oregon, Montana, StreamNet Project

### Summary

These data are intended for use in a variety of applications where fish distribution and activity is important. This StreamNet dataset contains distribution information for BULL TROUT based on data contributed by partner agencies. Within the feature class, spatial overlap does exist for some species/run/subrun combinations in cases where source data was contributed by multiple agencies for the same stream reach. Feature level metadata identifies the partner agency that contributed data to the regional StreamNet project and includes details about the basis for the information provided along with reference citations where available.

### Description

This dataset documents fish distribution and activity for **BULL TROUT** from data submitted to the regional StreamNet by partner agencies. This dataset was compiled from separate spatial datasets contributed by StreamNet partners as of January 31, 2019. Distribution is based upon survey data and, in some cases, the best professional judgement of local fish biologists, in the Pacific Northwest Region (Oregon, Washington, Idaho and Montana). These data were collected by biologists at the state fish & wildlife agencies of Washington (WDFW), Oregon (ODFW), Idaho (IDFG) and Montana (MFWP). Data were then compiled into spatial datasets by StreamNet partners. These separate source layers (identified in the References section of this metadata record) were submitted to the GIS staff at Pacific States Marine Fisheries Commission (PSMFC) where they were combined into a single consistent regional dataset. These and other related data are available for download from the StreamNet website and are also publicly available on ArcGIS Online and via public web mapping applications.

### Credits

Data was compiled by the StreamNet project (<http://www.streamnet.org>), which is administered by the Pacific States Marine Fisheries Commission. Data was provided by Washington Dept. of Fish and Wildlife, Oregon Dept. of Fish and Wildlife, Idaho Dept. of Fish and Game and Montana Fish Wildlife and Parks. The StreamNet project is funded by the Bonneville Power Administration (BPA Project # 1988-108-04).

### Use limitations

Data are collected at various scales by StreamNet's partners. This dataset represents believed instances of fish distribution or habitat that likely supports fish distribution, and as every stream has not been fully evaluated, this is not an all-inclusive list of fish distribution in this region. Each line included in this feature class represents a stream segment of suitable habitat currently believed to be utilized by wild, natural, and/or hatchery fish populations and/or

streams where sightings of wild, natural, and/or hatchery fish have been documented. Please read the metadata thoroughly and contact PSMFC's GIS team ([gis@psmfc.org](mailto:gis@psmfc.org)) with specific questions - especially if using this dataset in any official assessment efforts.

### Extent

**West** -124.513247    **East** -112.341524  
**North** 49.002460    **South** 41.779103

### Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata ►

### Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE    biota, inlandWaters, environment

\* CONTENT TYPE    Downloadable Data  
 EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION    No

PLACE KEYWORDS    Washington, Idaho, Columbia River Basin, Pacific Northwest, Oregon, Montana

*Hide Topics and Keywords ▲*

### Citation ►

TITLE    Bull Trout Distribution  
 PUBLICATION DATE    2019-01-31 00:00:00

PRESENTATION FORMATS    digital map

*Hide Citation ▲*

### Citation Contacts ►

#### RESPONSIBLE PARTY

INDIVIDUAL'S NAME    Van C. Hare  
 ORGANIZATION'S NAME    StreamNet, Pacific States Marine Fisheries Commission  
 CONTACT'S POSITION    GIS Manager  
 CONTACT'S ROLE    publisher

#### CONTACT INFORMATION ►

##### ADDRESS

DELIVERY POINT    205 SE Spokane Street, Suite 100  
 CITY    Portland  
 ADMINISTRATIVE AREA    OR  
 POSTAL CODE    97202  
 COUNTRY    US  
 E-MAIL ADDRESS    [gis@psmfc.org](mailto:gis@psmfc.org)

*Hide Contact information ▲*

[Hide Citation Contacts ▲](#)

## Resource Details ►

DATASET LANGUAGES English (UNITED STATES)  
 DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed  
 SPATIAL REPRESENTATION TYPE vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.0.8321

### CREDITS

Data was compiled by the StreamNet project (<http://www.streamnet.org>), which is administered by the Pacific States Marine Fisheries Commission. Data was provided by Washington Dept. of Fish and Wildlife, Oregon Dept. of Fish and Wildlife, Idaho Dept. of Fish and Game and Montana Fish Wildlife and Parks. The StreamNet project is funded by the Bonneville Power Administration (BPA Project # 1988-108-04).

### ARCGIS ITEM PROPERTIES

\* NAME FishDist\_BullTrout  
 \* LOCATION file://  
 \\honu\GISServices\Data\StreamNet\DownloadPackages\StreamNet\_BullTrout\_20190131.gdb  
 \* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

GEOGRAPHIC EXTENT  
 BOUNDING RECTANGLE  
 WEST LONGITUDE -124.724056  
 EAST LONGITUDE -110.833836  
 SOUTH LATITUDE 41.779103  
 NORTH LATITUDE 49.00743  
 EXTENT CONTAINS THE RESOURCE Yes

### VERTICAL EXTENT

\* MINIMUM VALUE 0.000000  
 \* MAXIMUM VALUE 0.000000

### EXTENT

GEOGRAPHIC EXTENT  
 BOUNDING RECTANGLE  
 EXTENT TYPE Extent used for searching  
 \* WEST LONGITUDE -124.513247  
 \* EAST LONGITUDE -112.341524  
 \* NORTH LATITUDE 49.002460  
 \* SOUTH LATITUDE 41.779103  
 \* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -13860751.281300  
 \* EAST LONGITUDE -12505801.191300  
 \* SOUTH LATITUDE 5127947.329000

- \* NORTH LATITUDE 6275278.817200
- \* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

### POINT OF CONTACT

INDIVIDUAL'S NAME Van C. Hare  
 ORGANIZATION'S NAME Pacific States Marine Fisheries Commission  
 CONTACT'S POSITION GIS Manager  
 CONTACT'S ROLE point of contact

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

### RESOURCE MAINTENANCE

UPDATE FREQUENCY irregular

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

### LEGAL CONSTRAINTS

#### LIMITATIONS OF USE

This product was prepared as a cooperative effort of the U.S. Government, state governments, the region's tribes and tribal fish organizations, and the Pacific States Marine Fisheries Commission. None of these organizations, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe on privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the participating organizations. The views and opinions of authors expressed herein do not necessarily reflect those of the participating agencies.

### CONSTRAINTS

#### LIMITATIONS OF USE

Data are collected at various scales by StreamNet's partners. This dataset represents believed instances of fish distribution or habitat that likely supports fish distribution, and as every stream has not been fully evaluated, this is not an all-inclusive list of fish distribution in this region. Each line included in this feature class represents a stream segment of suitable habitat currently believed to be utilized by wild, natural, and/or hatchery fish populations and/or streams where sightings of wild, natural, and/or hatchery fish have been documented. Please read the metadata thoroughly and contact PSMFC's GIS team ([gis@psmfc.org](mailto:gis@psmfc.org)) with specific questions - especially if using this dataset in any official assessment efforts.

[Hide Resource Constraints ▲](#)

## Spatial Reference ►

### ARCGIS COORDINATE SYSTEM

- \* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_WGS\_1984  
 \* PROJECTION WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
 \* COORDINATE REFERENCE DETAILS  
 PROJECTED COORDINATE SYSTEM  
 WELL-KNOWN IDENTIFIER 102100  
 X ORIGIN -20037700  
 Y ORIGIN -30241100  
 XY SCALE 10000  
 Z ORIGIN -100000  
 Z SCALE 10000  
 M ORIGIN -1755421.254528  
 M SCALE 10000  
 XY TOLERANCE 0.001  
 Z TOLERANCE 0.001  
 M TOLERANCE 0.001  
 HIGH PRECISION true  
 LATEST WELL-KNOWN IDENTIFIER 3857  
 WELL-KNOWN TEXT PROJCS["WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere",GEOGCS  
 ["GCS\_WGS\_1984",DATUM["D\_WGS\_1984",SPHEROID  
 ["WGS\_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Mercator\_Auxiliary\_Sphere"],PARAMETER  
 ["False\_Easting",0.0],PARAMETER["False\_Northing",0.0],PARAMETER  
 ["Central\_Meridian",0.0],PARAMETER["Standard\_Parallel\_1",0.0],PARAMETER  
 ["Auxiliary\_Sphere\_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER  
 VALUE 3857  
 \* CODESPACE EPSG  
 \* VERSION 8.8(9.3.1.2)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME FishDist\_BullTrout  
 \* OBJECT TYPE composite  
 \* OBJECT COUNT 6634

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME FishDist\_BullTrout  
 \* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Polyline  
 \* HAS TOPOLOGY FALSE  
 \* FEATURE COUNT 6634  
 \* SPATIAL INDEX TRUE  
 \* LINEAR REFERENCING TRUE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶  
 RESOURCE LEVEL dataset

*Hide Scope of quality information ▲*

*Hide Data Quality ▲*

## Geoprocessing history ▶

### PROCESS

PROCESS NAME Select Bull trout  
 DATE 2019-02-07 14:00:16  
 TOOL LOCATION c:\program files\arcgis\pro\Resources\ArcToolbox\toolboxes\Analysis  
 Tools.tbx\Select  
 COMMAND ISSUED  
 Select X:\Data\StreamNet\StreamNet.gdb\FishDist\_AllSpeciesCombined\_20190131  
 X:\Data\StreamNet\StreamNet.gdb\FishDist\_BullTrout "Species = 'Bull trout'"  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

*Hide Geoprocessing history ▲*

## Distribution ▶

### DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class  
 VERSION 10.6

*Hide Distribution ▲*

## Fields ▶

### DETAILS FOR OBJECT FishDist\_BullTrout ▶

\* TYPE Feature Class  
 \* ROW COUNT 6634

### DEFINITION

Generalized Fish Distribution

### DEFINITION SOURCE

StreamNet Data Exchange Format - Generalized Fish Distribution Spatial Data  
 Compilation

### FIELD OBJECTID ▶

\* ALIAS OBJECTID  
 \* DATA TYPE OID  
 \* WIDTH 4  
 \* PRECISION 0  
 \* SCALE 0

### FIELD DESCRIPTION

Internal feature number.

### DESCRIPTION SOURCE

ESRI

## DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field OBJECTID ▲*

## FIELD LOCATIONID ►

- \* ALIAS LocationID
- \* DATA TYPE String
- \* WIDTH 13
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Unique Location identifier relating to a whole stream route - Code is dereferenced by related attribute: STREAMNAME

NOTE: While this used to be a required field in prior versions of this dataset, it is now optional so <null> values are permitted and present. This relaxing in standards allows partners to submit their data as spatial datasets with geometry as opposed to sharing data as linear event records that reference a common regional hydrography. For partners that continue to manage fish distribution as whole-stream linear events, this field serves as a Route Identifier that relates to their agency's established routed hydrography layer.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

- NAME OF CODELIST StreamNet LocationID (unique identifier for locations in the StreamNet database)
- SOURCE Location table in the StreamNet database

*Hide Field LOCATIONID ▲*

## FIELD RecordID ►

- \* ALIAS RecordID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

NOTE: While this used to be a required field in prior versions of this dataset, it is now optional. Where values are not submitted by a partner agency, future updates to the regional dataset will occur as complete replacements from the source (as opposed to data being updated on an individual record basis).

## DESCRIPTION OF VALUES

A series of sequential numbers uniquely identifying a record (optional for use in coordinating data exchange and QA/QC between originating project partner and PSFMC)

*Hide Field RecordID ▲*

## FIELD BEGFT ►

- \* ALIAS BegFt
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Beginning stream measurement of distribution event in feet (note: this attribute in combination with 'LocationID' and 'EndFt' is used to georeference the route event)

NOTE: While this used to be a required field in prior versions of this dataset, it is now optional so <null> values are permitted and present. This relaxing in standards allows partners to submit their data as spatial datasets with geometry as opposed to sharing data as linear event records that reference a common regional hydrography. For partners that continue to manage fish distribution as whole-stream linear events, this field serves as a Beginning Measure that relates to their agency's established routed hydrography layer.

## DESCRIPTION SOURCE

StreamNet

## DESCRIPTION OF VALUES

optional stream measure (legacy field at the regional level)

*Hide Field BEGFT ▲*

## FIELD ENDFT ►

- \* ALIAS EndFt
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Ending stream measurement of distribution event in feet (note: this attribute in combination with 'LocationID' and 'BegFt' is used to georeference the route event)

NOTE: While this used to be a required field in prior versions of this dataset, it is now optional so <null> values are permitted and present. This relaxing in standards allows partners to submit their data as spatial datasets with geometry as opposed to sharing data as linear event records that reference a common regional hydrography. For partners that continue to manage fish distribution as whole-stream linear events, this field serves as a Ending Measure that relates to their agency's established routed hydrography layer.

## DESCRIPTION SOURCE

StreamNet

## DESCRIPTION OF VALUES

optional stream measure (legacy field at the regional level)

*Hide Field ENDFT ▲*

## FIELD STREAMNAME ►



- \* ALIAS StreamName
- \* DATA TYPE String
- \* WIDTH 100
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Name of stream coded by: [LOCATIONID] or (in cases where LocationID was not provided) as provided directly from the source agency (referenced in [CompiledBy] field).

## DESCRIPTION SOURCE

StreamNet

## DESCRIPTION OF VALUES

Location name for stream (optionally derived from LocationID reference to LocMaster table in StreamNet database)

*Hide Field STREAMNAME ▲*

## FIELD StreamAndTribNames ►

- \* ALIAS StreamAndTribNames
- \* DATA TYPE String
- \* WIDTH 160
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Qualified Stream Name including name of stream the feature is a tributary to. Where a LocationID is provided, this information is dereferenced using a related "LocMaster" table that is managed by PSMFC. Where LocationID is null, this value will also be null.

## DESCRIPTION SOURCE

StreamNet

## DESCRIPTION OF VALUES

Qualified name for stream, including the tributary it flows into. Optional field derived from LocMaster table in StreamNet where LocationID is present OR - may be provided directly by the originator.

*Hide Field StreamAndTribNames ▲*

## FIELD SPECIES ►

- \* ALIAS Species
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Common name of species in the indicated reach as coded by: SPECIESID

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Species  
SOURCE Species table in the StreamNet database

*Hide Field SPECIES ▲*

## FIELD SpeciesID ►

\* ALIAS SpeciesID  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

Species identifier used by the StreamNet project. Decoded in the 'Species' field.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Species  
SOURCE Species table in the StreamNet database

*Hide Field SpeciesID ▲*

## FIELD SCINAME ►

\* ALIAS SciName  
\* DATA TYPE String  
\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

Scientific name of species in the indicated reach as coded by: SPECIESID

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Species  
SOURCE Species table in the StreamNet database

*Hide Field SCINAME ▲*

## FIELD RUNID ►

\* ALIAS RunID  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

Code identifying the fish run in the indicated reach as coded by: RUN

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Run

SOURCE Run table in the StreamNet database

*Hide Field RUNID ▲*

FIELD RUN ▶

- \* ALIAS Run
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Run of species in the indicated reach coded by: RUNID

DESCRIPTION SOURCE

StreamNet

*Hide Field RUN ▲*

FIELD SUBRUNID ▶

- \* ALIAS SubRunID
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Code for the fish subrun of the species/run in the indicated reach

DESCRIPTION SOURCE

StreamNet

CODED VALUES

NAME OF CODELIST SubRun  
SOURCE SubRun table in the StreamNet database

*Hide Field SUBRUNID ▲*

FIELD SUBRUN ▶

- \* ALIAS SubRun
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

subrun of the species in the indicated reach as coded by: SUBRUNID

DESCRIPTION SOURCE

StreamNet

CODED VALUES

NAME OF CODELIST SubRun  
SOURCE SubRun table in the StreamNet database

*Hide Field SUBRUN ▲*

FIELD LifeHistoryID ▶

\* ALIAS LifeHistoryID  
 \* DATA TYPE SmallInteger  
 \* WIDTH 2  
 \* PRECISION 0  
 \* SCALE 0

## FIELD DESCRIPTION

Code for the life history strategy(s) of the species in the reach.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST LifeHistory  
 SOURCE LifeHistory table in the StreamNet database

*Hide Field LifeHistoryID ▲*

## FIELD LifeHistoryType ►

\* ALIAS LifeHistoryType  
 \* DATA TYPE String  
 \* WIDTH 80  
 \* PRECISION 0  
 \* SCALE 0

## FIELD DESCRIPTION

Life history description of the species in the indicated reach as coded by: LifeHistoryID

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST LifeHistory  
 SOURCE LifeHistory table in the StreamNet database

*Hide Field LifeHistoryType ▲*

## FIELD USETYPEID ►

\* ALIAS UseTypeID  
 \* DATA TYPE SmallInteger  
 \* WIDTH 2  
 \* PRECISION 0  
 \* SCALE 0

## FIELD DESCRIPTION

Code describing how fish use the indicated stream segment.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST UseType  
 SOURCE UseType table in the StreamNet database

*Hide Field USETYPEID ▲*

## FIELD USETYPE ►

\* ALIAS UseType  
 \* DATA TYPE String

- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Description of how fish use the indicated stream segment as coded by: USETYPEID

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST UseType  
SOURCE UseType table in the StreamNet database

*Hide Field USETYPE ▲*

## FIELD REFID ►

- \* ALIAS RefID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Code indentifying reference of data in the StreamNet reference library.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Reference  
SOURCE Reference table in the StreamNet database

*Hide Field REFID ▲*

## FIELD BASISID ►

- \* ALIAS BasisID
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Code identifying the basis for the information contained in the record

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Basis  
SOURCE StreamNet Fish Distribution data standard

*Hide Field BASISID ▲*

## FIELD BASIS ►

- \* ALIAS Basis
- \* DATA TYPE String
- \* WIDTH 80
- \* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Description of the basis for the information contained in the record as coded by:  
BASISID

DESCRIPTION SOURCE

StreamNet

CODED VALUES

NAME OF CODELIST Basis

SOURCE StreamNet Fish Distribution data standard

*Hide Field BASIS ▲*

FIELD BasisMethod ►

\* ALIAS Basis Method

\* DATA TYPE String

\* WIDTH 254

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Additional description of the methods used by the referenced basis. Note that this is an optional field so <null> values are present.

DESCRIPTION SOURCE

StreamNet

DESCRIPTION OF VALUES

Additional details of the basis as provided by the originator

*Hide Field BasisMethod ▲*

FIELD CompiledBy ►

\* ALIAS CompiledBy

\* DATA TYPE String

\* WIDTH 12

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

StreamNet partner agency that compiled and submitted data for the indicated reach as coded by: CompilerID

DESCRIPTION SOURCE

StreamNet

CODED VALUES

NAME OF CODELIST Compiler

SOURCE Compiler table in the StreamNet database

*Hide Field CompiledBy ▲*

FIELD CompilerID ►

\* ALIAS CompilerID

\* DATA TYPE SmallInteger

- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Code identifying the StreamNet partner that compiled and submitted the information contained in the record. This field is decoded by the [CompiledBy] field.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Compiler  
SOURCE Compiler table in the StreamNet database

*Hide Field CompilerID ▲*

## FIELD UPDDATE ►

- \* ALIAS UpdDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

The date and time that the underlying event record was created or updated. For data obtained in electronic format from another source it can reflect the date and time of data capture or of conversion to StreamNet format.

## DESCRIPTION SOURCE

StreamNet

*Hide Field UPDDATE ▲*

## FIELD Title ►

- \* ALIAS Title
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Title of the source reference (report, project or database) that the information for the record was derived from as referenced by the [RefID] field.

## DESCRIPTION SOURCE

StreamNet

## CODED VALUES

NAME OF CODELIST Reference  
SOURCE Reference table in the StreamNet database

*Hide Field Title ▲*

## FIELD Authors ►

- \* ALIAS Authors
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Authors of the source reference (report, project or database) that the information for the record was derived from as referenced by the [RefID] field.

DESCRIPTION SOURCE

StreamNet

CODED VALUES

NAME OF CODELIST Reference

SOURCE Reference table in the StreamNet database

*Hide Field Authors ▲*

FIELD PubYear ►

\* ALIAS PubYear

\* DATA TYPE String

\* WIDTH 40

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Publication year of the source reference (report, project or database) that the information for the record was derived from as referenced by the [RefID] field. Note: additional information about the source reference is available from the Reference table in StreamNet's database and in many cases the reference documents cited are available from the StreamNet Library.

DESCRIPTION SOURCE

StreamNet

CODED VALUES

NAME OF CODELIST Reference

SOURCE Reference table in the StreamNet database

*Hide Field PubYear ▲*

FIELD SHAPE ►

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Coordinates defining the features.

*Hide Field SHAPE ▲*

FIELD Year ►



- \* ALIAS Year
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Year the record was last updated (and content was changed by the source compiling agency that contributed data to StreamNet).

## DESCRIPTION SOURCE

StreamNet

[Hide Field Year ▲](#)

## FIELD EndExtentID ►

- \* ALIAS EndExtentID
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

A series of enumerated values that indicate when the ending stream measurement of a fish distribution event [EndFt] is intended to indicate the top end of the stream, or the state border, or if there is a deliberate reason why the EndFt value falls short of the top of the stream or just shy or just over a state border. See the enumerated domain for decoded values.

NOTE: While this used to be a required field in prior versions of this dataset, it is now optional so <null> values are permitted and present. This relaxing in standards allows partners to submit their data as spatial datasets with geometry as opposed to sharing data as linear event records that reference a common regional hydrography. For partners that continue to manage fish distribution as whole-stream linear events, this field serves as a useful tool to help QA/QC ending measure values that relate to their agency's established routed hydrography layer.

## DESCRIPTION SOURCE

StreamNet

## LIST OF VALUES

VALUE 0

DESCRIPTION EndFt value is not meant to represent the top end of stream or a state border

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 1

DESCRIPTION EndFt value is meant to represent the top of the stream

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 2

DESCRIPTION EndFt value is meant to represent the state border

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 97

DESCRIPTION Not yet determined

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

[Hide Field EndExtentID ▲](#)

## FIELD GISDate ►

- \* ALIAS GISDate
- \* DATA TYPE String
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

For internal record keeping - identifies to the date a spatial dataset was received and catalogued for processing by PSMFC's GIS staff. The [UpdDate] field should be consulted to determine when a record was last updated by the source compiling agency.

## DESCRIPTION SOURCE

StreamNet

[Hide Field GISDate ▲](#)

## FIELD GIS\_Comments ►

- \* ALIAS GIS\_Comments
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

For internal record keeping - notes related to processing the spatial data submission - used by PSMFC GIS staff

## DESCRIPTION SOURCE

StreamNet

[Hide Field GIS\\_Comments ▲](#)

## FIELD SrcRecordID ►

- \* ALIAS SrcRecordID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

The original unique record identifier as found in the source spatial dataset submitted by the [CompiledBy] agency. This may be useful for supporting internal communications between StreamNet partners.

## DESCRIPTION SOURCE

StreamNet

[Hide Field SrcRecordID ▲](#)

## FIELD SrcComments ►

- \* ALIAS SrcComments
- \* DATA TYPE String
- \* WIDTH 255
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

For internal record keeping - tracks additional qualifying notes from the source compiling agency

DESCRIPTION SOURCE  
StreamNet

[Hide Field SrcComments ▲](#)

FIELD [Shape\\_Length ▶](#)

\* ALIAS Shape\_Length  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Length of feature in internal units.

DESCRIPTION SOURCE  
ESRI

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field Shape\\_Length ▲](#)

[Hide Details for object FishDist\\_BullTrout ▲](#)

[Hide Fields ▲](#)

## References ▶

AGGREGATE INFORMATION

ASSOCIATION TYPE source  
INITIATIVE TYPE project

AGGREGATE RESOURCE NAME ▶

TITLE ODFW Fish Habitat Distribution [ODFW\_1167\_5\_FHD\_Publication.gdb]  
ALTERNATE TITLES Oregon Fish Habitat Distribution - FHD\_AllSpeciesCombined (feature class)  
PUBLICATION DATE 2018-04-02 00:00:00

COLLECTION TITLE Oregon Fish Habitat Distribution - FHD Publication (geodatabase)

OTHER CITATION DETAILS

Dataset provided to PSMFC by ODFW (Jon Bowers) on 4/2/2018 Link provided is to the ODFW distribution site for these data

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Jon Bowers  
ORGANIZATION'S NAME Oregon Department of Fish and Wildlife  
CONTACT'S POSITION GIS Coordinator, Management Resoruces Division  
CONTACT'S ROLE originator

## CONTACT INFORMATION ►

## ADDRESS

DELIVERY POINT 4034 Fairview Industrial Drive SE  
 CITY Salem  
 ADMINISTRATIVE AREA OR  
 POSTAL CODE 97302  
 COUNTRY US  
 E-MAIL ADDRESS [jon.k.bowers@state.or.us](mailto:jon.k.bowers@state.or.us)

*Hide Contact information ▲*

*Hide Aggregate resource name ▲*

## AGGREGATE INFORMATION

ASSOCIATION TYPE source  
 INITIATIVE TYPE project

## AGGREGATE RESOURCE NAME ►

TITLE IDFG Generalized Fish Distribution (all species combined)  
 ALTERNATE TITLES IDFG\_GeneralizedFishDistribution.gdb (as submitted to PSMFC 12/7/2018)  
 PUBLICATION DATE 2018-12-07 00:00:00

## RESPONSIBLE PARTY

INDIVIDUAL'S NAME Evan Brown  
 ORGANIZATION'S NAME Idaho Department of Fish and Game  
 CONTACT'S POSITION Senior Data Coordinator  
 CONTACT'S ROLE originator

## CONTACT INFORMATION ►

## ADDRESS

DELIVERY POINT 600 South Walnut, P.O. Box 25  
 CITY Boise  
 ADMINISTRATIVE AREA ID  
 POSTAL CODE 83707  
 COUNTRY US  
 E-MAIL ADDRESS [evan.brown@idfg.idaho.gov](mailto:evan.brown@idfg.idaho.gov)

*Hide Contact information ▲*

*Hide Aggregate resource name ▲*

## AGGREGATE INFORMATION

ASSOCIATION TYPE source  
 INITIATIVE TYPE project

## AGGREGATE RESOURCE NAME ►

TITLE WDFW Generalized Fish Distribution Dataset (as submitted to PSMFC 10/01/2018)  
 ALTERNATE TITLES WDFW20181001fishdist.gdb  
 CREATION DATE 2018-10-01 00:00:00

## OTHER CITATION DETAILS

This dataset is a subset of WDFW's SWIFD (Statewide Washington Integrated Fish Distribution) excludes any null geometry or disttypes that are undetected, potential or modeled distribution. Note SWIFD only includes modeled distribution outside the

Columbia Basin. Contact Leslie Sikora: Leslie.Sikora@dfw.wa.gov

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Leslie Sikora  
 ORGANIZATION'S NAME Washington Department of Fish and Wildlife  
 CONTACT'S POSITION Location Data Manager, WDFW StreamNet project  
 CONTACT'S ROLE originator

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT 600 Capitol Way, N.  
 CITY Olympia  
 ADMINISTRATIVE AREA WA  
 POSTAL CODE 98501-1091  
 COUNTRY US  
 E-MAIL ADDRESS Leslie.Sikora@dfw.wa.gov

*Hide Contact information ▲*

*Hide Aggregate resource name ▲*

AGGREGATE INFORMATION

ASSOCIATION TYPE source  
 INITIATIVE TYPE project

AGGREGATE RESOURCE NAME ►

TITLE MFWP Generalized Fish Distribution dataset (all species combined)  
 ALTERNATE TITLES MTFishDistAll.gdb (as submitted to PSMFC 12/26/2018)  
 PUBLICATION DATE 2018-12-26 00:00:00

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Ryan Alger  
 ORGANIZATION'S NAME Montana Fish, Wildlife and Parks  
 CONTACT'S POSITION GIS Analyst / Technician  
 CONTACT'S ROLE originator

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT 1420 E. Sixth Avenue  
 CITY Helena  
 ADMINISTRATIVE AREA MT  
 POSTAL CODE 59620  
 E-MAIL ADDRESS Ryan.Alger@mt.gov

*Hide Contact information ▲*

*Hide Aggregate resource name ▲*

*Hide References ▲*

**Metadata Details ►**

METADATA LANGUAGE English (UNITED STATES)  
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 0B4456F4-50A8-4A6C-BAD5-139A1F023DF2

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2019-02-07

#### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
METADATA STYLE North American Profile of ISO19115 2003  
STANDARD OR PROFILE USED TO EDIT METADATA NAP

CREATED IN ARCGIS FOR THE ITEM 2019-02-07 15:04:25  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-02-07 20:43:41

#### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2019-02-07 20:43:41

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

#### METADATA CONTACT

INDIVIDUAL'S NAME PSMFC GIS Team  
ORGANIZATION'S NAME Pacific States Marine Fisheries Commission  
CONTACT'S POSITION PSMFC GIS Team  
CONTACT'S ROLE point of contact

#### CONTACT INFORMATION ►

##### ADDRESS

DELIVERY POINT 205 SE Spokane Street, Suite 100  
CITY Portland  
ADMINISTRATIVE AREA OR  
POSTAL CODE 97202  
E-MAIL ADDRESS [GIS@psmfc.org](mailto:GIS@psmfc.org)

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

#### MAINTENANCE

UPDATE FREQUENCY unknown

#### OTHER MAINTENANCE REQUIREMENTS

Last metadata review date: 20190204

[Hide Metadata Maintenance ▲](#)

## Thumbnail and Enclosures ▶

THUMBNAIL  
THUMBNAIL TYPE    JPG

*Hide Thumbnail and Enclosures ▲*

## FGDC Metadata (read-only) ▼