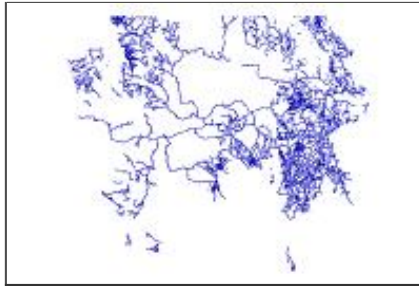# Bull Trout Distribution

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 compled 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 seperate source layers (identified in the References section of this metadata record) were submitted to the GIS staff at Pacific States Marine Fisheries Commision (PSMFC) where they were combined in to a single consistent regional dataset. These and other related data are available for download from the StreamNet website and are also publicly avialable 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) 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

     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) 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 LoctionID (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 submited 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
      obrained 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 - identifeis to the date a spatial dataset was recieved 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 sumbission - 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 addtional 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

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

      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 datset (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

      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) ▼