

# Coastal Cutthroat Trout Locations

File Geodatabase Feature Class (zipped)



## Tags

fish, bioscience, anadromous fish, anadromous fish distribution, resident fish, resident fish distribution, trout, native trout, cutthroat trout, Coastal Cutthroat Trout, *Oncorhynchus clarkii clarkii*, observations, professional judgement

## Summary

This dataset contains observations of Coastal Cutthroat Trout (*Oncorhynchus clarkii clarkii*), as well as locations where biologists have provided input where they believe the species to be present, based on professional judgement or other, non-observation data.

## Description

This dataset contains observations of Coastal Cutthroat Trout (CCT), as compiled by the Coastal Cutthroat Trout Interagency Committee and the Pacific States Marine Fisheries Commission (PSMFC) GIS Center, as well as locations where biologists have provided input where they believe the species to be present, based on professional judgement or other, non-observation data. Data come from a wide variety of state, federal, tribal, private, and non-profit organizations, and were collected in support of a range-wide assessment which took place from 2014-2017 in the US-portion of the geographic range of the subspecies. Please note that some locations are "absence" observation records (use the field "GenStatus" to determine which locations are associated with the presence of Coastal Cutthroat Trout).

Please visit [www.coastalcutthroattrout.org](http://www.coastalcutthroattrout.org) for more information.

## Credits

Coastal Cutthroat Trout Interagency Committee, PSMFC GIS  
Coastal Cutthroat Trout image by Joseph Tomelleri - <http://www.americanfishes.com/>.

## Use limitations

Please read the metadata thoroughly and contact PSMFC ([gis@psmfc.org](mailto:gis@psmfc.org)) prior to using the database in any planning or analysis effort.

## Extent

<b>West</b>	-146.199461	<b>East</b>	-120.936448
<b>North</b>	60.460105	<b>South</b>	40.178847

## Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:625,000

## ArcGIS Metadata ▶

### Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE [biota, inlandWaters](#)

\* CONTENT TYPE [Downloadable Data](#)

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION [No](#)

THEME KEYWORDS [fish, anadromous fish, anadromous fish distribution](#)

THESAURUS ▶

TITLE [Oregon Metadata Keyword Thesaurus - Bioscience](#)

COLLECTION TITLE [Oregon Metadata Keyword Thesaurus](#)

RESOURCE LOCATION ONLINE

LOCATION <https://www.oregon.gov/geo/Pages/thesaurus.aspx#bioscience>

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

### Citation ▶

TITLE [Coastal Cutthroat Trout Locations](#)

PUBLICATION DATE [2016-05-24 00:00:00](#)

REVISION DATE [2019-01-08 00:00:00](#)

EDITION [1.1](#)

EDITION DATE [2019-01-08](#)

PRESENTATION FORMATS [digital document](#)

FGDC GEOSPATIAL PRESENTATION FORMAT [vector digital data](#)

COLLECTION TITLE [Coastal Cutthroat Trout Interagency Committee Spatial Data](#)

OTHER CITATION DETAILS

These data represent all data collected before, during and after the Coastal Cutthroat Trout Rangelwide Assessment, up to 1/8/2019.

There is a another companion dataset, "Coastal Cutthroat Trout Reaches", which depict the stream reaches downstream of all positive Coastal Cutthroat Trout locations.

[Hide Citation ▲](#)

### Citation Contacts ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME [Kitty Griswold, PhD](#)

ORGANIZATION'S NAME [Idaho State Univ. / PSMFC](#)

CONTACT'S POSITION Science Coordinator  
 CONTACT'S ROLE principal investigator

#### RESPONSIBLE PARTY

INDIVIDUAL'S NAME Brett Holycross  
 ORGANIZATION'S NAME Pacific States Marine Fisheries Commission  
 CONTACT'S POSITION GIS Analyst  
 CONTACT'S ROLE originator

#### CONTACT INFORMATION ►

##### PHONE

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##### ADDRESS

TYPE both  
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 CITY Portland  
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*Hide Contact information ▲*

*Hide Citation Contacts ▲*

## Resource Details ►

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

STATUS on-going  
 SPATIAL REPRESENTATION TYPE vector

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

#### CREDITS

Coastal Cutthroat Trout Interagency Committee, PSMFC GIS  
 Coastal Cutthroat Trout image by Joseph Tomelleri - <http://www.americanfishes.com/>.

#### ARCGIS ITEM PROPERTIES

\* NAME CCT\_Locations

*Hide Resource Details ▲*

## Extents ►

#### EXTENT

##### DESCRIPTION

These data include observations throughout the range of Coastal Cutthroat Trout, from the lower Eel River in Northern California, to Prince William Sound in Southeast Alaska.

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -146.199461

EAST LONGITUDE -120.936448  
 SOUTH LATITUDE 40.178847  
 NORTH LATITUDE 60.460105  
 EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 1905-06-11 00:00:00  
 ENDING DATE 2017-09-12 00:00:00

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
 WEST LONGITUDE -146.199461  
 EAST LONGITUDE -120.936448  
 NORTH LATITUDE 60.460105  
 SOUTH LATITUDE 40.178847

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -16274849.506500  
 \* EAST LONGITUDE -13462583.767500  
 \* SOUTH LATITUDE 4891966.009200  
 \* NORTH LATITUDE 8502895.393000  
 \* EXTENT CONTAINS THE RESOURCE Yes

*Hide Extents ▲*

## Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Brett Holycross  
 ORGANIZATION'S NAME Pacific States Marine Fisheries Commission  
 CONTACT'S POSITION GIS Analyst  
 CONTACT'S ROLE originator

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 E-MAIL ADDRESS [gis@psmfc.org](mailto:gis@psmfc.org)

*Hide Contact information ▲*

POINT OF CONTACT

INDIVIDUAL'S NAME Kitty Griswold, PhD  
 ORGANIZATION'S NAME Idaho State Univ. / PSMFC  
 CONTACT'S POSITION Science Coordinator  
 CONTACT'S ROLE principal investigator

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

### RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

### MAINTENANCE CONTACT

INDIVIDUAL'S NAME Brett Holycross  
ORGANIZATION'S NAME Pacific States Marine Fisheries Commission  
CONTACT'S POSITION GIS Analyst  
CONTACT'S ROLE originator

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[Hide Contact information ▲](#)

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

### CONSTRAINTS

#### LIMITATIONS OF USE

Please read the metadata thoroughly and contact PSMFC ([gis@psmfc.org](mailto:gis@psmfc.org)) prior to using the database in any planning or analysis effort.

[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 -100000

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]]

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME CCT\_Locations

\* OBJECT TYPE point

\* OBJECT COUNT 108818

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME CCT\_Locations

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Point

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 102002

\* SPATIAL INDEX TRUE

\* LINEAR REFERENCING FALSE

[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 ▲](#)

## Lineage ►

LINEAGE STATEMENT

Data come from a wide variety of sources, including state/provincial, federal, tribal, non-

profit organizations, universities/colleges, and private organizations. These data were submitted to the Coastal Cutthroat Trout Interagency Committee in support of a range-wide assessment for the species. The data were compiled into an observation database structure in order to capture basic information about the survey record(s). This data structure was later expanded to include locations based on professional judgement and species presence. These type of records are found in some agency databases, and also were also captured during CCT workshops (2014-2017). These data are then used to create distribution, species presence, and professional judgement-based reaches, stored in a companion dataset.

[Hide Lineage ▲](#)

## Distribution ►

### DISTRIBUTOR ►

#### CONTACT INFORMATION

INDIVIDUAL'S NAME Brett Holycross  
 ORGANIZATION'S NAME Pacific States Marine Fisheries Commission  
 CONTACT'S POSITION GIS Analyst  
 CONTACT'S ROLE originator

#### CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

### AVAILABLE FORMAT

NAME File Geodatabase Feature Class (zipped)  
 VERSION 10.6  
 FILE DECOMPRESSION TECHNIQUE .zip  
 FORMAT INFORMATION CONTENT one point feature class  
 SPECIFICATION Esri

### TRANSFER OPTIONS

UNITS OF DISTRIBUTION MB  
 TRANSFER SIZE 8.6

### ONLINE SOURCE

LOCATION [https://maps.psmfc.org/server/rest/services/CCT/CCT\\_Locations/MapServer/0](https://maps.psmfc.org/server/rest/services/CCT/CCT_Locations/MapServer/0)  
 ACCESS PROTOCOL REST endpoint  
 NAME Coastal Cutthroat Trout Locations  
 DESCRIPTION This dataset contains observations of Coastal Cutthroat Trout (*Oncorhynchus clarkii clarkii*), as compiled by the Coastal Cutthroat Trout Interagency Committee and the Pacific States Marine Fisheries Commission (PSMFC) GIS Center, as well as locations where biologists have provided input where they believe the species to be present, based on professional judgement or other, non-observation data.

FUNCTION PERFORMED information

ONLINE SOURCE

LOCATION <https://psmfc.sharefile.com/d-sbc36f4ea4bc427eb>

ACCESS PROTOCOL ShareFile

NAME CCT\_Locations.zip

DESCRIPTION link for GIS data download (zipped file geodatabase, Vers. 10.6) - email registration required

FUNCTION PERFORMED download

ONLINE SOURCE

LOCATION <http://psmfc.maps.arcgis.com/apps/webappviewer/index.html?id=ef32788f7aa546568efe5356e94db8ae>

ACCESS PROTOCOL ArcGIS WebApp Builder application

NAME Coastal Cutthroat Trout WebApp

DESCRIPTION online web mapping application depicting information from the Coastal Cutthroat Trout Interagency Committee.

FUNCTION PERFORMED information

ONLINE SOURCE

LOCATION <http://www.coastalcutthroattrout.org/>

NAME Coastal Cutthroat Trout Interagency Committee website

DESCRIPTION information about the activities of the Coastal Cutthroat Trout Interagency Committee

FUNCTION PERFORMED information

ONLINE SOURCE

LOCATION <http://psmfc.maps.arcgis.com/home/item.html?id=201a50dc7a574ba6aa67d0e1277b3b30>

ACCESS PROTOCOL ArcGIS Online

NAME Coastal Cutthroat Trout Locations AGOL Item Description

DESCRIPTION item description page on ArcGIS Online for the Coastal Cutthroat Trout Locations layer

FUNCTION PERFORMED information

*Hide Distributor* ▲

*Hide Distribution* ▲

## Fields ►

### DETAILS FOR OBJECT [CCT\\_Locations](#) ►

\* TYPE Feature Class

ROW COUNT 108818

#### DEFINITION

This dataset contains observations of Coastal Cutthroat Trout (*Oncorhynchus clarkii clarkii*), as compiled by the Coastal Cutthroat Trout Interagency Committee and the Pacific States Marine Fisheries Commission (PSMFC) GIS Center, as well as locations where biologists have provided input where they believe the species to be present, based on professional judgement or other, non-observation data.

#### DEFINITION SOURCE

PSMFC

#### FIELD OBJECTID ►



\* ALIAS OBJECTID

\* DATA TYPE OID

WIDTH 6

\* 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 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 ObservationID ►

\* ALIAS ObservationID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

unique ID (primary key) for each record in the dataset

DESCRIPTION SOURCE

PSMFC

*Hide Field ObservationID ▲*

FIELD RefID ►

ALIAS Reference ID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

ID used to group observations from a particular data source

DESCRIPTION SOURCE

PSMFC

[Hide Field RefID ▲](#)

FIELD EventID ►

\* ALIAS EventID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

ID utilized to link back to a unique ID from the source dataset

DESCRIPTION SOURCE

PSMFC

[Hide Field EventID ▲](#)

FIELD DataSrcName ►

ALIAS Datasource Name

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

name of the person who provided the data to the Coastal Cutthroat Trout Interagency Committee

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcName ▲](#)

FIELD DataSrcAgency ►

ALIAS Datasource Agency

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

name of the organization or public agency which provided the data

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcAgency ▲](#)

FIELD DataSrcProject ►

ALIAS Datasource Project

\* DATA TYPE String

\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

name of the source dataset, or name of the data gathering effort, as provided by the data source to the Coastal Cutthroat Trout Interagency Committee

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcProject ▲](#)

FIELD DataSrcDB ►

ALIAS Datasource Database

\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

name of the source database which stores the data, if known

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcDB ▲](#)

FIELD DataSrcVersion ►

ALIAS Datasource Version

\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

datasource database version, if known

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcVersion ▲](#)

FIELD DataSrcDate ►

ALIAS Datasource Date

\* DATA TYPE Date  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

date which the source data was sent/transferred to the Coastal Cutthroat Trout Interagency Committee/PSMFC

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcDate ▲](#)

**FIELD DataSrcRecID** ▶

ALIAS Datasource RecordID

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

unique ID for the individual record as stored in the source database

## DESCRIPTION SOURCE

PSMFC

*Hide Field DataSrcRecID* ▲**FIELD DataSrcReference** ▶

ALIAS Datasource Reference

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

reference from the source database

For use in the event the source database has an additional layer of referencing to link to additional source information (field notes/nomination forms, etc.). This could be in the form of a descriptive text string or hyperlink.

## DESCRIPTION SOURCE

PSMFC

*Hide Field DataSrcReference* ▲**FIELD DataSrcRefID** ▶

ALIAS Datasource ReferenceID

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

reference ID from the source database

## DESCRIPTION SOURCE

PSMFC

*Hide Field DataSrcRefID* ▲**FIELD DataSrcLocText** ▶

ALIAS Datasource Location Text

\* DATA TYPE String

\* WIDTH 150

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

text description of the observation location as provided to PSMFC

## DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcLocText ▲](#)

FIELD [DataSrcLocCodeSyst ▶](#)

ALIAS Datasource Location Code System

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

location coding system used by DataSrcLocCode field (i.e. ODFW Whole Stream Routes, 2014)

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcLocCodeSyst ▲](#)

FIELD [DataSrcLocCode ▶](#)

ALIAS Datasource Location Code

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

location code as provided in the database/spreadsheet to PSMFC (i.e. LLID or NHD reachcode)

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcLocCode ▲](#)

FIELD [DataSrcBegMeas ▶](#)

ALIAS Begin Measure

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

beginning (downstream) measure as provided in database/spreadsheet to PSMFC, used with DataSrcLocCode

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcBegMeas ▲](#)

FIELD [DataSrcEndMeas ▶](#)

ALIAS End Measure

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

end (upstream) measure as provided in database/spreadsheet to PSMFC, used with DataSrcLocCode

DESCRIPTION SOURCE  
PSMFC

[Hide Field DataSrcEndMeas ▲](#)

FIELD DataSrcMeasUnits ►

ALIAS Datasource Measure Units

\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

reach location measurement units as provided to PSMFC, used with DataSrcBegMeas and DataSrcEndMeas (eg. feet, meters, miles, kilometers), may also be proportional NHD reach values

DESCRIPTION SOURCE  
PSMFC

[Hide Field DataSrcMeasUnits ▲](#)

FIELD DataSrcX ►

ALIAS Datasource X

\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

X coordinate from the data source, used with DataSrcY, DataSrcDatum, and DataSrcProjection to store original source coordinate data

DESCRIPTION SOURCE  
PSMFC

[Hide Field DataSrcX ▲](#)

FIELD DataSrcY ►

ALIAS Datasource Y

\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Y coordinate from source, used with DataSrcX, DataSrcDatum, and DataSrcProjection to store original source coordinate data

DESCRIPTION SOURCE  
PSMFC

[Hide Field DataSrcY ▲](#)

FIELD DataSrcDatum ►

**ALIAS** Datasource Datum

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

**FIELD DESCRIPTION**

datum used by data source for XY coordinates. Eg, NAD27, NAD83, WGS84 - used with DataSrcX/Y and DataSrcProjection to store source coordinate data

**DESCRIPTION SOURCE**

PSMFC

*Hide Field DataSrcDatum ▲*

**FIELD DataSrcProjection ►****ALIAS** Datasource Projection

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

**FIELD DESCRIPTION**

projection used by data source for XY coordinates - used with DataSrcX/Y and DataSrcDatum to store source coordinate data.

**DESCRIPTION SOURCE**

PSMFC

*Hide Field DataSrcProjection ▲*

**FIELD DataSrcLLSource ►****ALIAS** Datasource LatLong Source

\* **DATA TYPE** String  
 \* **WIDTH** 150  
 \* **PRECISION** 0  
 \* **SCALE** 0

**FIELD DESCRIPTION**

georeference protocol of the source coordinate data [GPS; DIG (digitized on computer); UNK (unknown); or leave null]

**DESCRIPTION SOURCE**

PSMFC

*Hide Field DataSrcLLSource ▲*

**FIELD LocationAsProvidedByDataSource ►****ALIAS** Location As Provided By Datasource

\* **DATA TYPE** String  
 \* **WIDTH** 255  
 \* **PRECISION** 0  
 \* **SCALE** 0

**FIELD DESCRIPTION**

same as DataSrcLocCodeText but here can be cleaned-up to standardize or fix spelling, capitalization, etc. whereas DataSrcLocCodeText is verbatim. Provides clean location name for labeling, etc.

**DESCRIPTION SOURCE**

PSMFC

[Hide Field LocationAsProvidedByDataSource ▲](#)**FIELD DataSrcComments ▶**

ALIAS Datasource Comments

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

comments from the source dataset relevant to the observation, but not captured in other fields

DESCRIPTION SOURCE

PSMFC

[Hide Field DataSrcComments ▲](#)**FIELD Gradient ▶**

\* ALIAS Gradient

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

stream reach gradient, if provided by the data source

DESCRIPTION SOURCE

PSMFC

[Hide Field Gradient ▲](#)**FIELD StreamWidth ▶**

ALIAS Stream Width

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

width of the stream where the observation was made, if provided by the datasource - to be used in conjunction with StreamWidthUnits

DESCRIPTION SOURCE

PSMFC

[Hide Field StreamWidth ▲](#)**FIELD StreamWidthUnits ▶**

ALIAS Stream Width Units

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION



units of measurement for the width of the stream at the survey location - for use in conjunction with StreamWidth

DESCRIPTION SOURCE  
PSMFC

[Hide Field StreamWidthUnits ▲](#)

FIELD [BeginDate ▶](#)

ALIAS Begin Date  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION  
the first date of sampling

DESCRIPTION SOURCE  
PSMFC

[Hide Field BeginDate ▲](#)

FIELD [EndDate ▶](#)

ALIAS End Date  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION  
the last date of sampling

DESCRIPTION SOURCE  
PSMFC

[Hide Field EndDate ▲](#)

FIELD [ObsYear ▶](#)

ALIAS Observation Year  
\* DATA TYPE SmallInteger  
WIDTH 4  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION  
the year in which the observation was made (if known)

DESCRIPTION SOURCE  
PSMFC

RANGE OF VALUES  
MINIMUM VALUE 1905  
MAXIMUM VALUE 2017

[Hide Field ObsYear ▲](#)

FIELD [SamplingMethod ▶](#)

## ALIAS Sampling Method

\* DATA TYPE String

\* WIDTH 100

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

bservation methods utilized for the survey record - note that this field is populated by a coded domain in order to standardize data in this field

## DESCRIPTION SOURCE

PSMFC

## CODED VALUES

NAME OF CODELIST angling

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST combination of methods

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST creel survey

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST electrofishing

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST electrofishing/snorkel survey

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST fyke trap

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST gillnet

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST hatchery rack/weir

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST hoop trap

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST minnow trap

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST net (unknown type)

SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST other

SOURCE PSMFC

CODED VALUES

NAME OF CODELIST PIT tag detector  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST screw trap  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST seine  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST snorkel survey  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST spawner survey  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST stocking records  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST underwater video  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST unknown  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST visual  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST weir trap  
SOURCE PSMFC

*Hide Field SamplingMethod ▲*

FIELD AmountSampled ►

ALIAS Amount Sampled

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

how much was sampled (generally, the length of the stream sampled, or how many pools)

DESCRIPTION SOURCE

PSMFC

[Hide Field AmountSampled ▲](#)

FIELD TaxonID ►

\* ALIAS TaxonID  
 \* DATA TYPE SmallInteger  
 WIDTH 3  
 \* PRECISION 0  
 \* SCALE 0

FIELD DESCRIPTION

code for taxon observed (17 = Coastal Cutthroat Trout)

DESCRIPTION SOURCE

StreamNet

LIST OF VALUES

VALUE 1  
 DESCRIPTION Chinook salmon  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 2  
 DESCRIPTION Coho salmon  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 3  
 DESCRIPTION Steelhead  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 4  
 DESCRIPTION Sockeye salmon  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 5  
 DESCRIPTION Chum salmon  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 6  
 DESCRIPTION Pink salmon  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 8  
 DESCRIPTION Cutthroat trout  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 9  
 DESCRIPTION Rainbow trout  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 11  
 DESCRIPTION Brook trout  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 14  
 DESCRIPTION Bull trout  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 17  
 DESCRIPTION Coastal cutthroat trout

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 23

DESCRIPTION Redband trout

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 40

DESCRIPTION Rainbow trout x Cutthroat trout hybrid

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 42

DESCRIPTION Northern pikeminnow

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 46

DESCRIPTION Sculpins

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 51

DESCRIPTION Bluegill

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 60

DESCRIPTION Largescale sucker

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 61

DESCRIPTION Longnose dace

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 63

DESCRIPTION Redside shiner

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 65

DESCRIPTION Speckled dace

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 76

DESCRIPTION Three-spined stickleback

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 89

DESCRIPTION California roach

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 99

DESCRIPTION Fishes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 107

DESCRIPTION Pacific giant salamander

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 108

DESCRIPTION Coastal tailed frog

ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 112  
 DESCRIPTION Unidentified trout  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 122  
 DESCRIPTION Pacific lamprey  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 124  
 DESCRIPTION Salmonids  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 126  
 DESCRIPTION Amphibians  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 150  
 DESCRIPTION Pit roach  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 154  
 DESCRIPTION Mottled sculpin  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 201  
 DESCRIPTION Dolly Varden  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 233  
 DESCRIPTION Starry flounder  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 273  
 DESCRIPTION Pacific staghorn sculpin  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 278  
 DESCRIPTION Pacific tree frog  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

VALUE 113  
 DESCRIPTION Lampreys  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE StreamNet

*Hide Field TaxonID ▲*

FIELD TargetTaxon ►

ALIAS Target Taxon

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

compiled comma separated list of TaxonIDs which identify the target species of the survey/data collection event

DESCRIPTION SOURCE

PSMFC

[Hide Field TargetTaxon ▲](#)FIELD [CommonName ▶](#)

ALIAS Common Name

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

preferred common name for the taxon

DESCRIPTION SOURCE

PSMFC

[Hide Field CommonName ▲](#)FIELD [Quantity ▶](#)

\* ALIAS Quantity

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

quantity of the species observed - use with QuantityUnits

DESCRIPTION SOURCE

PSMFC

[Hide Field Quantity ▲](#)FIELD [QuantityUnits ▶](#)

ALIAS Quantity Units

\* DATA TYPE String

\* WIDTH 30

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

units of quantity of the species observed (e.g. individual(s)) - use with Quantity field

DESCRIPTION SOURCE

PSMFC

[Hide Field QuantityUnits ▲](#)FIELD [ObserverAgency ▶](#)

ALIAS Observer Agency

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

agency or organization which conducted the survey/observation

DESCRIPTION SOURCE  
PSMFC

*Hide Field ObserverAgency ▲*

FIELD Observer ►

\* ALIAS Observer  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

name of the individual, or individuals, who conducted the survey/observation (if known)

DESCRIPTION SOURCE  
PSMFC

*Hide Field Observer ▲*

FIELD ObservationClass ►

ALIAS Observation Class  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

description of observation class/type

This field groups locations based on their source. Data from CCT workshops are coded separately from different types of field observations. Note that this field is based on a coded domain for consistency.

DESCRIPTION SOURCE  
PSMFC

CODED VALUES

NAME OF CODELIST documented observation by a professional biologist  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST documented observation by a professional biologist (private corporation)  
during a protocol based survey  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST documented observation by a professional biologist during an official  
survey  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST documented observation by unspecified staff  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST passive in-stream array (known CCT from original tagging ID)  
SOURCE PSMFC



## CODED VALUES

NAME OF CODELIST unspecified  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST CCT workshop input: extend documented observation  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST CCT workshop input: extend professional judgement  
SOURCE PSMFC

*Hide Field ObservationClass ▲*

## FIELD ObservationGroup ►

ALIAS Observation Group

\* DATA TYPE String

\* WIDTH 255

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

The field Observation Group is used to aggregate collections of observations that are most likely time-series data. For example - weir counts, etc., that have a common observation framework.

## DESCRIPTION SOURCE

PSMFC

*Hide Field ObservationGroup ▲*

## FIELD GenStatus ►

ALIAS General Status

\* DATA TYPE String

\* WIDTH 100

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

The general status of the location, grouped into observations, time series observations, locations where CCT were surveyed/sampled, but none were observed, and locations of CCT presence based on other data or professional judgement.

Observations (both individual and time series) represent a positive Coastal Cutthroat Trout observation, generally from a professional biologist. Professional judgement locations are locations where a biologist indicated likely locations of Coastal Cutthroat Trout, but do not represent actual observations ("fish in hand"). CCT presence locations are locations with known Coastal Cutthroat Trout presence based on available information, but not actual observations ("fish in hand"). Note that this field based on a coded domain for consistency.

## DESCRIPTION SOURCE

PSMFC

## CODED VALUES

NAME OF CODELIST CCT observed  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST CCT observed (time series)  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST CCT sampled but none observed  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST professional judgement  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST CCT presence  
SOURCE PSMFC

*Hide Field GenStatus ▲*

FIELD **CCT\_Workshop ▶**

ALIAS CCT Workshop Area

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

name of the Coastal Cutthroat Trout workshop area for the observation/location

## DESCRIPTION SOURCE

PSMFC

## CODED VALUES

NAME OF CODELIST Northern California  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Southern Oregon  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Southern Oregon Coast  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Willamette Valley  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Northern Oregon  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Lower Columbia / SW Washington  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Olympic Peninsula  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Puget Sound  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Alaska  
SOURCE PSMFC

*Hide Field CCT\_Workshop ▲*

## FIELD Longitude ►

\* ALIAS Longitude  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

longitude of the location, as calculated in ArcMap (NAD 83)

## DESCRIPTION SOURCE

PSMFC

*Hide Field Longitude ▲*

## FIELD Latitude ►

\* ALIAS Latitude  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

latitude of the location, as calculated in ArcMap (NAD 83)

## DESCRIPTION SOURCE

PSMFC

*Hide Field Latitude ▲*

## FIELD State\_Prov ►

ALIAS State or Province  
\* DATA TYPE String  
\* WIDTH 50  
\* PRECISION 0  
\* SCALE 0

## FIELD DESCRIPTION

name of the US state or the Canadian province in which the point is located

## DESCRIPTION SOURCE

PSMFC

## CODED VALUES

NAME OF CODELIST California  
SOURCE PSMFC

## CODED VALUES

NAME OF CODELIST Oregon

SOURCE PSMFC

CODED VALUES

NAME OF CODELIST Washington  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST British Columbia  
SOURCE PSMFC

CODED VALUES

NAME OF CODELIST Alaska  
SOURCE PSMFC

[Hide Field State\\_Prov ▲](#)

FIELD Comments ►

ALIAS Comments  
DATA TYPE String  
WIDTH 255

FIELD DESCRIPTION

miscellaneous field for additional comments/information about the data record

DESCRIPTION SOURCE

PSMFC

[Hide Field Comments ▲](#)

[Hide Details for object CCT\\_Locations ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

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

METADATA IDENTIFIER 25677D6C-0634-4652-AFF8-471AC845D546

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

\* LAST UPDATE 2019-01-14

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
METADATA STYLE ISO 19139 Metadata Implementation Specification GML3.2  
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2019-01-07 09:35:38  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-01-14 10:31:03

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2016-06-01 15:06:41

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

INDIVIDUAL'S NAME **Brett Holycross**  
 ORGANIZATION'S NAME **Pacific States Marine Fisheries Commission**  
 CONTACT'S POSITION **GIS Analyst**  
 CONTACT'S ROLE **originator**

### CONTACT INFORMATION ►

PHONE  
 VOICE **503-595-3100**

### ADDRESS

TYPE **both**  
 DELIVERY POINT **205 SE Spokane St., Suite 100**  
 CITY **Portland**  
 ADMINISTRATIVE AREA **OR**  
 POSTAL CODE **97202**  
 COUNTRY **US**  
 E-MAIL ADDRESS **bholycross@psmfc.org**  
 E-MAIL ADDRESS **gis@psmfc.org**

[Hide Contact information ▲](#)[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

### MAINTENANCE

UPDATE FREQUENCY **as needed**

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[Hide Contact information ▲](#)

*Hide Metadata Maintenance ▲*

## **Thumbnail and Enclosures ▶**

THUMBNAIL  
THUMBNAIL TYPE   JPG

*Hide Thumbnail and Enclosures ▲*

## **FGDC Metadata (read-only) ▼**