

AFSC/ABL: Little Port Walter freshwater temperature, saltwater temperature, and salinity

Theme keywords: freshwater temperature, saltwater temperature, salinity, 014, Oceans, 012, Inland waters

Abstract: The data set provides daily fresh & saltwater temperatures as well as saltwater salinity.

FGDC, ESRI, and Biological Profile Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
- [Entity and Attribute Information](#)
- [Distribution Information](#)
- [Metadata Reference Information](#)

Metadata elements shown with **blue** text are defined in the Federal Geographic Data Committee's (FGDC) [Content Standard for Digital Geospatial Metadata \(CSDGM\)](#). Elements shown with **green** text are defined in the [ESRI Profile of the CSDGM](#). Elements shown with **brown** text are defined in the [NBII Biological Profile of the CSDGM](#). Elements shown with a green asterisk (*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

Identification Information:

Citation:

Citation information:

Originators: Angela Feldmann, Frank Thrower, Brad Weinleader, Pat Malecha, AFSC

Title:

AFSC/ABL: Little Port Walter freshwater temperature, saltwater temperature, and salinity

Publication date: Unknown

Geospatial data presentation form: database

Description:

Abstract:

The data set provides daily fresh & saltwater temperatures as well as saltwater salinity.

Purpose:

The data set provides daily fresh & saltwater temperatures as well as saltwater salinity.

Time period of content:

Time period information:

Range of dates/times:

Beginning date: 1997

Ending date: 2009

Currentness reference:

ground condition

Status:

Progress: In work

Maintenance and update frequency: Continually

Spatial domain:

Description of geographic extent:

Little Port Walter, Southeast Alaska

Bounding coordinates:

West bounding coordinate: -134.6433

East bounding coordinate: -134.6433

North bounding coordinate: 56.3841667

South bounding coordinate: 56.3841667

Keywords:

Theme:

Theme keywords: freshwater temperature, saltwater temperature, salinity

Theme keyword thesaurus: None

Theme:

Theme keywords: 014, Oceans, 012, Inland waters

Theme keyword thesaurus: ISO 19115 Topic Categories

Place:

Place keywords: Little Port Walter, Alaska, AK

Place keyword thesaurus: Geographic Names Information System

Place:**Place keywords:** LPW**Place keyword thesaurus:** None

Access constraints: There are no legal restrictions on access to the data. They reside in public domain and can be freely distributed.

Use constraints:

User must read and fully comprehend the metadata prior to use. Data should not be used beyond the limits of the source scale. Acknowledgement of NOAA, as the source from which these data were obtained, in any publications and/or other representations of these data is suggested.

Point of contact:**Contact information:****Contact person primary:****Contact person:** Frank Thrower**Contact organization:** National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)**Contact address:****Address type:** mailing and physical**Address:**

17109 Point Lena Loop Road

City: Juneau**State or province:** AK**Postal code:** 99801**Country:** USA**Contact voice telephone:** 907-789-6000**Contact electronic mail address:** frank.thrower@noaa.gov**Contact instructions:**

The e-mail address directs you to the person most knowledgeable about this data. If an alternative contact person becomes necessary, use the voice phone number for referral.

Native data set environment:

Microsoft Excel

[Back to Top](#)

Data Quality Information:

Logical consistency report:

All data are examined for errors before entry into database

Completeness report:

Temperature data is available from 1997-present, salinity data is available from 1998-present.

Lineage:

Methodology:

Methodology type:

Field

Methodology description:

Freshwater and saltwater temperatures were recorded daily in degrees celsius.

Methodology:

Methodology type:

Field

Methodology description:

Freshwater temperature was measured in vertical raceways fed with water piped in from Sashin Creek.

Methodology:

Methodology type:

Field

Methodology description:

Saltwater temperature was recorded in Little Port Walter at a depth of two meters below the surface.

Methodology:

Methodology type:

Field

Methodology description:

Salinity was measured approximately weekly at Little Port Walter at a depth of 2 meters, 1 meter, and the surface in parts per thousand (PPT).

Process step:

Process description:

See methodology for process details.

Process date: Unknown

[Back to Top](#)

Entity and Attribute Information:

Detailed description:

Entity type:

Entity type label: Temperature

Entity type definition:

Water temperatures taken at LPW float

Entity type definition source:

database developer

Attribute:

Attribute label: Date

Attribute definition:

Date measurement was taken.

Attribute definition source:

database developer

Attribute domain values:

Range domain:

Range domain minimum: January 1

Range domain maximum: December 31

Attribute units of measure: day

Attribute:

Attribute label: Freshwater_temperature

Attribute definition:

temperature of freshwater.

Attribute definition source:

database developer

Attribute domain values:

Range domain:

Range domain minimum: 0

Range domain maximum: undefined

Attribute units of measure: meters

Attribute measurement resolution: 0.1

Attribute:

Attribute label: Saltwater_temperature

Attribute definition:

temperature of saltwater.

Attribute definition source:

database developer

Attribute domain values:**Range domain:**

Range domain minimum: 0

Range domain maximum: undefined

Attribute units of measure: meters

Attribute measurement resolution: 0.1

Detailed description:**Entity type:**

Entity type label: Salinity

Entity type definition:

Taken at open breezeway.

Entity type definition source:

database developer

Attribute:

Attribute label: Date

Attribute definition:

Date measurement was taken.

Attribute definition source:

database developer

Attribute domain values:**Range domain:**

Range domain minimum: January 1

Range domain maximum: December 31

Attribute units of measure: day

Attribute:

Attribute label: 0_m

Attribute definition:

salinity at 0 meters below surface

Attribute definition source:

database developer

Attribute domain values:

Range domain:**Range domain minimum:** 0**Range domain maximum:** undefined**Attribute units of measure:** meters**Attribute measurement resolution:** 0.1**Attribute:****Attribute label:** 1_meter**Attribute definition:**

Salinity taken at 1 meter below surface

Attribute definition source:

database developer

Attribute domain values:**Range domain:****Range domain minimum:** 0**Range domain maximum:** undefined**Attribute units of measure:** meters**Attribute measurement resolution:** 0.1**Attribute:****Attribute label:** 2_meter**Attribute definition:**

salinity taken at 2 meters below surface

Attribute definition source:

database developer

Attribute domain values:**Range domain:****Range domain minimum:** 0**Range domain maximum:** undefined**Attribute units of measure:** meters**Attribute measurement resolution:** 0.1[Back to Top](#)

Distribution Information:**Distributor:**

Contact information:**Contact person primary:****Contact person:** Frank Thrower**Contact organization:** National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)**Contact address:****Address type:** mailing and physical**Address:**

17109 Point Lena Loop Road

City: Juneau**State or province:** AK**Postal code:** 99801**Country:** USA**Contact voice telephone:** 907-789-6000**Contact electronic mail address:** frank.thrower@noaa.gov**Contact instructions:**

The e-mail address directs you to the person most knowledgeable about this data. If an alternative contact person becomes necessary, use the voice phone number for referral.

Resource description: offline data**Distribution liability:**

The user is responsible for the results of any application of this data for other than its intended purpose.

[Back to Top](#)

Metadata Reference Information:**Metadata date:** 20080910**Metadata review date:** 20100129**Metadata contact:****Contact information:****Contact person primary:****Contact person:** Emily Fergusson

Contact organization: National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)

Contact position: Metadata coordinator

Contact address:

Address type: mailing and physical

Address:

17109 Point Lena Loop Road

City: Juneau

State or province: AK

Postal code: 99801

Country: USA

Contact voice telephone: Use e-mail to contact the metadata coordinator.

Contact facsimile telephone: 907-789-6094

Contact electronic mail address: AFSC.metadata@noaa.gov

Metadata standard name: FGDC Biological Data Profile of the Content Standard for Digital Geospatial Metadata

Metadata standard version: FGDC-STD-001.1-1999

[Back to Top](#)