

US EPA ARCHIVE DOCUMENT

Preliminary Connecticut Coastal 2003 Database

The purpose of this document is to provide an overview of the preliminary Coastal 2003 Connecticut database. These data are available to Coastal 2003 Partners for purposes of verification and validation and are not meant for public dissemination. This database will not be finalized until laboratory analyses of samples collected in the field are complete. Field data are stored in a format closely based on field datasheets. Data for Nutrients analyses are in the laboratory format provided. These have undergone initial QA checks. However they do not constitute a final database.

1) Database Overview

The data sets that make up the database are:

Date/Location Data:	STATIONS BOATLOC	Sampling Station Location Data Detailed Sampling Location data
Water Quality Data:	WATRPHYS NUTRNTS	Water Quality Physical Measurements Data Water Chemistry Lab data
Fish/Lobster Size Data:	FTRAWL FISHCNT FISHLEN	Fish Trawl Descriptive Data Fish Species Counts Fish Length Measurements

2) Data Set Descriptions:

STATIONS

NAME	LABEL
STATION	National Coastal Assessment Station Name
STAT_ALT	Alternate Site Code (A,B,C)
STATE	State where Station is Located
ESTUARY	Estuary Name
STA_LAT	Latitude (decimal degrees)
STA_LNG	Longitude (decimal degrees)
ST_COOP	State Doing the Sampling

BOATLOC

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Event Date
STAT_ALT	Alternate Site Sampled (A, B, or C)
VISNUM	Number of Visit to this Station
STADDEPTH	Depth of Water at Station (m)
EVNT_LAT	Event Latitude-Decimal Degrees
EVNT_LNG	Event Longitude-Decimal Degrees

WATRPHYS

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Event Date
STAT_ALT	Alternate Site Sampled (A, B, or C)
SL_TEMP	Surface Layer-Temperature from CTD (deg. C)
SL_SAL	Surface Layer-Salinity from CTD (ppt)
SL_OXY	Surface Layer-Dissolved Oxygen from CTD (mg/l)
SL_PH	Surface Layer-pH (pH units)
SL_DEPTH	Depth of Surface Readings (m)
BL_TEMP	Bottom Layer-Temperature from CTD (deg. C)
BL_SAL	Bottom Layer-Salinity from CTD (ppt)
BL_OXY	Bottom Layer-Dissolved Oxygen from CTD (mg/l)
BL_PH	Bottom Layer-pH (pH units)
BL_DEPTH	Depth of Bottom Layer Readings (m)

NUTRNTS

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Event Date
STAT_ALT	Alternate Site Sampled (A, B, or C)
LAYER	Layer in Water Column of sample
ANALYTE	Analyte Code
REP	Replicate Number
CONC	Concentration
UNITS	Unit of Measure
QACODE	QA Qualifier Code
MDL	Detection Limit
COMMENT	Lab Comment

FTRAWL

NAME	LABEL
STATION	Station Identifier
STAT_ALT	Station Location (A
EVNTDATE	Event Date
FTRLFLAG	Status of Completed Fish Trawl
FTB_TIME	Begin Time of Fish Trawl
FTB_LAT	Trawl Beginning Latitude-Decimal Degrees
FTB_LNG	Trawl Beginning Longitude-DecimalDegrees
FTB_LNGM	Trawl Beginning Longitude-Seconds

FISHCNT

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Date of Sampling Event
STAT_ALT	Alternate Site Sampled (A, B, or C)
FCOMNAME	Fish Taxon Common Name
F_COUNT	Number of Fish Caught
F_WEIGHT	Total Weight of Fish/this Species

FISHLEN

NAME	LABEL
STATION	Station Identifier
EVNTDATE	Date of Sampling Event
STAT_ALT	Alternate Site Sampled (A, B, or C)
FSEQNUM	Fish Sequence Number
FLENGTH	Length (mm)