

US EPA ARCHIVE DOCUMENT

Preliminary Massachusetts Coastal 2003 Database

The purpose of this document is to provide an overview of the preliminary Coastal 2003 Massachusetts database. These data are available to National Coastal Assessment (NCA) 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. These data are stored in a format closely based on field datasheets. They have undergone initial QA checks. However they do not constitute a final database.

The Massachusetts NCA 2003 database is incomplete at this time. **More water quality data are expected.** Check this site for updates.

1) Database Overview

The data sets that make up the database are:

Date/Location Data:	STATIONS	Sampling Station Location Data
	BOATLOC	Detailed Sampling Location data

Water Quality Data:	CTDRET	Water Quality QA data
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2) Data Set Descriptions:

STATIONS

NAME	LABEL
STATION	Coastal 2000 Station Name
STAT_ALT	Alternate Site Code (A,B,C)
STATE	State where Station is Located
MAP	Station Map
ESTUARY	Estuary Name
STA_LAT	Latitude (decimal degrees)
STA_LNG	Longitude (decimal degrees)
ST_COOP	State Doing the Sampling
LOCAL_ID	Station Identifier Used by State

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
BOATNAME	Boat Used for Sampling Event
CRWCHIEF	Crew Chief During Sampling Event
CRWMEMB1	Crew Member During Sampling Event (#1)
CRWMEMB2	Crew Member During Sampling Event (#2)
CRWMEMB3	CRWMEMB3
LANDCREW	Crew Member in Mobile Laboratory
VISITOR1	Authorized Visitor (#1)
EVNTPURP	Reason Authorized Person is Present
WTH_SUN	Weather Conditions--Sunny (Y/N)
WTH_PSUN	Weather Conditions--Partly Sunny (Y/N)
WTH_OCST	Weather Conditions--Overcast (Y/N)
WTH_RAIN	Weather Conditions--Rainy (Y/N)

WTH_WIND	Weather Conditions--Windy (Y/N)
WTH_FOG	Weather Conditions--Foggy (Y/N)
SEACOND	Sea Conditions during Event
BEGTIME	Time of Beginning of Sampling Event
STADEPTH	Depth of Water at Station (m)
HTIDTIME	Time of High Tide on day of Sampling
STAMOVED	Was the Station Moved?
COORDFRM	Coordinates Taken from Which Instrument?
EVNT_LAT	Event Latitude-Decimal Degrees
EVNT_LNG	Event Longitude-Decimal Degrees
TRASH	Trash present at Station
PLASTIC	Trash at Station-Plastic
MEDWASTE	Trash at Station-Medical Waste
WOOD	Trash at Station- Wood
TIRES	Trash at Station-Tires
CANS	Trash at Station-Aluminum Cans
PAPER	Trash at Station-Paper
OILSLICK	Oil Slick on water at Station
OTH_TRSH	Other Trash as Station- description
STA_COMM	Station Information- comments
SAV	Submerged Aquatic Vegetation visible
MACROALG	Macro-Algae present at Station
INTERTID	Station is in Intertidal Zone
ENDTIME	Time Sampling Event Ended

CTDRET

NAME	LABEL
STATION	Station Identifier
STAT_ALT	Alternate Site Sampled (A, B, or C)
EVNTDATE	Event Date
SAMPLEID	Sample ID Number Related to Sample Type
SECCHI_D	Secchi Depth (me)
SECC_BOT	Secchi Disk on Bottom?
CASTTIME	Time CTD Cast was Performed
CTDFILE	CTD file name at downloading
CTD_ID	ID Number of CTD Used for Cast
CTDDEPTH	Water Depth Read with CTD
PARFILE	PAR file name at downloading
SUNITTMP	Surface Temperature from CTD (deg. C)
SUNITSAL	Surface Salinity from CTD (ppt)
SUNIT_DO	Surface Dissolved Oxygen from CTD (mg/L)
SAMBITMP	Surface Temp. from Thermometer (deg. C)
SAMBISAL	Surface Sal. from Refractometer (ppt)
SAMBI_DO	Surface Dissolved Oxygen from YSI (mg/L)
SDIFF_OX	Surface DO Difference, CTD vs YSI (mg/L)
CTDCOMM	CTD Cast Coments