Virginia Chesapeake Bay Monitoring Program-Upper Virginia Bay Fluorescence Survey Component

Metadata:

Identification_Information:
Citation:
Citation_Information:
Originator: Larry Hass
Originator: Kevin Curling
Originator: Bruce Neilson
Originator: Virginia Institute of Marine Science
Publication_Date: 19980101
Title:
Virginia Chesapeake Bay Monitoring Program-Upper Virginia Bay Fluorescence Survey Component
Edition: Unknown
Geospatial_Data_Presentation_Form: database
Publication_Information:
Publication_Place: Annapolis, Maryland USA
Publisher: US EPA Chesapeake Bay Program Office
Other_Citation_Details:
Unknown
Online_Linkage: www.chesapeakebay.net
Larger_Work_Citation:
Citation_Information:
Originator: Jacqueline Johnson
Publication_Date: 20000101
Title:
Chesapeake Bay Program Fluorescence Monitoring Database
Edition: Version 1
Geospatial_Data_Presentation_Form: database
Publication_Information:
Publication_Place: Annapolis, MD USA
Publisher: US EPA CHESAPEAKE BAY PROGRAM
Other_Citation_Details:

none

Online_Linkage: www.chesapeakebay.net

Description:

Abstract:

Vertical fluorescence profiles were measured at station in the Chesapeake Bay Mainstem. Data were typically collected monthly between 1991 and present. At all stations in vivo fluorescence readings were made at 0.5, 1.0, 2.0, and 3.0 meters below the surface and ever three meters thereafter and one meter above the bottom. From 1991-1995 sampling was performed by the Virginia Institute of Marine Sciences and Old Dominion University.

Purpose:

The state of Virginia, in cooperation with the US EPA Chesapeake Bay Program, has used in vivo fluorescence to measure horizontal and vertical profiles of chlorophyll a between fixed monitoring stations in the Virginia Chesapeake Bay mainstem since January 1991. The program is designed to give comprehensive geographicl and seasonal information on phytoplankton. Sampling is performed in conjunction with the Virginia phytoplankton, zooplankton and water quality monitoring programs.

Supplemental_Information:

Stations collected by the Virginia Institute of Marine Sciences from 1991-1995 and by Old Dominion University from 1996-Present.
CB5.4-Central Chesapeake Bay, Main Bay
CB5.4W-Mouth of Great Wicomico River, Main Bay
CB5.5 -Central Chesapeake Bay off of Dividing Creek, Main Bay
CB6.1-Central Chesapeake Bay off of Rappahannock Dumping Grounds, Main Bay
CB6.2-Central Chesapeake Bay, Main Bay
CB6.3-Central Chesapeake Bay North of Wolf Trap Light, Main Bay
CB7.1-Central Chesapeake Bay, Main Bay
CB7.1N-South of Tangier Island, Central Chesapeake Bay, Main Bay
CB7.1S-Central Chesapeake Bay off of Light Buoy G49, Main Bay
CB7.2-Central Chesapeake Bay off of Light Buoy G41, Main Bay
CB7.2E -Near Mouth of Mattawomam Creek, Main Bay
EE3.4-Off of Saxis Wildlife Management Area, Pocomoke Sound, Main Bay
EE3.5-Near Light 4S off Watts Island, Main Bay
LE3.6-Off Mouth of Rappahannock River
LE3.6N -Off Windmill Point of Rappahannock River
LE3.6S-Off Stingray Point of Rappahannock River
LE3.7-Mouth of Piankatank River, Main Bay
WE4.1-Central Bay, Mobjack Bay, York River
WE4.2-Off Mouth of York River
WE4.2N -Off of Hog Island, Mouth of York River, Mobjack Bay, York River
WE4.2S -Off of Goodwin Island, Mouth of York River, Mobjack Bay ,York River
WE4.3-Mouth of Posquoson River, MobjackBay, York River
WE4.4-Mouth of Back River, Main Bay

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19910101
Ending_Date: 19951230

Currentness_Reference:

ground condition

Status:
Progress: Complete
Maintenance_and_Update_Frequency: None planned
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -76.38472
East_Bounding_Coordinate: -75.63389
North_Bounding_Coordinate: 37.95083
South_Bounding_Coordinate: 37.23333
Keywords:
Theme:
Theme_Keyword_Thesaurus: None
Theme_Keyword: CHLOROPHYLL
Theme_Keyword: WATER QUALITY
Theme_Keyword: FLUORESCENCE
Place:
Place_Keyword_Thesaurus: None
Place_Keyword: CHESAPEAKE BAY
Stratum:
Stratum_Keyword_Thesaurus: None
Stratum_Keyword: WATER COLUMN
Temporal:
Temporal_Keyword_Thesaurus: None
Temporal_Keyword: MONTHLY
Access_Constraints: None
Use_Constraints:
Dataset credit required
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Jacqueline Johnson
Contact_Organization: Interstate Commission on Potomac River Basin
Contact_Position: Chesapeake Bay Program Living Resources Data Manager
Contact_Address:
Address_Type: mailing and physical address
Address:
410 Severn Avenue, Suite 109
City: Annapolis
State_or_Province: Maryland
Postal_Code: 21403
Country: USA
Contact_Voice_Telephone: 1-800-968-7229
Contact_Voice_Telephone: 410-267-5729
Contact_Facsimile_Telephone: 410-267-5777
Contact_Electronic_Mail_Address: jjohnson@chesapeakebay.net
Hours_of_Service: 7:00 a.m. to 2:00 p.m. Monday Through Friday
Contact Instructions:
unavailable
Data_Set_Credit:
Virginia Institute of Marine Sciences, Virginia Department of Environmental Quality, USEPA Chesapeake Bay Program,

Cross_Reference:
Citation_Information:
Originator: Jacqueline Johnson
Publication_Date: 20000101
Publication_Time: Unknown
Title:
2000 Users' Guide to Chesapeake Bay Program Biological and Living Resources Data
Edition: Version 1
Publication_Information:
Publication_Place: Annapolis, MD
Publisher: USEPA CHESAPEAKE BAY PROGRAM OFFICE
Other_Citation_Details:
Unknown
Online_Linkage: https://archive.chesapeakebay.net/pub/living_resources/guide2000.pdf

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Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report:
In Vivo fluorescence readings were converted into Chlorohhyll a estimates by a regression calibration for chlorophyll A taken in the field.
Logical_Consistency_Report:
Not Available
Completeness_Report:
Spectrophotometric analysis of grab samples collected on Whatman GF/F filters during the cruise are used to formulate a linear regression of chlorophyll a against in vivo fluorescence (IVF). These linear regressions are then used to convert the remaining IVF's to chlorophyll. Only the resulting chlorophyll a, and not the IVF itself, is contained in this data file. Zero chlorophyll a values reflect values below detection threshold of methods. In the ASCII version of the data set a zero values with a detection limit flag of '0 >' indicate IVF values less than the detection limit of the method. In vivo fluorescence was measured using a Turner Model 57 Fluoreometer in all Virginia programs until 1996 (Cheapeake Bay Program Analytical Method Code-CHLF103 or CHLF105)
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report:
Chesapeake Bay Program Analytical Method Code-CHLF103 and CHLF105 Station positions in data set are determined in the field. Station latitudes and longitudes recorded from a Loran-C (1991- July 1995) (CHLF103) or a GPS (after July 1995) (CHLF105)receiver when sampling occurs. The actual sampling site coordinates for each sampling event are recorded in data set.
Vertical_Positional_Accuracy:
Vertical_Positional_Accuracy_Report:
For horizontal fluorescence measurements-A hull pump mounted 0.5 meters below the boat waterline is used to pump water through the fluorometer. For vertical fluorescence measurements- Water is pumped from depth. A Hydrolab CTD and hose mounted on the sampling array are lowered through the water column to obtain profiles.

Lineage:
Source_Information:
Source_Citation:
Citation_Information:
Originator: Larry Hass
Originator: Kevin Curling
Originator: Bruce Neilson
Publication_Date: 19980101
Title:
Virginia Chesapeake Bay Monitoring Program-Upper Virginia Bay Fluorescence Survey Component
Edition: Unknown
Geospatial_Data_Presentation_Form: database
Publication_Information:
Publication_Place: Annapolis, Maryland USA
Publisher: US EPA Chesapeake Bay Program Office
Other_Citation_Details:
Unknown
Online_Linkage: www.chesapeakebay.net
Larger_Work_Citation:
Citation_Information:
Originator: Jacqueline Johnson
Publication_Date: 20000101
Title:
Chesapeake Bay Program Fluorescence Monitoring Database
Edition: Version 1
Geospatial_Data_Presentation_Form: database
Publication_Information:
Publication_Place: Annapolis, MD USA
Publisher: US EPA CHESAPEAKE BAY PROGRAM
Other_Citation_Details:
none
Online_Linkage: www.chesapeakebay.net
Type_of_Source_Media: digital database file
Source_Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 19910101
Ending_Date: 19951230
Source_Currentness_Reference:
ground condition
Source_Citation_Abbreviation:
None
Source_Contribution:
None
Process_Step:
Process_Description:
After collection of all field voltages and grab samples all data is returned to the lab. Chlorophyll A calibration samples are processed and regression

conversions are determined and applied to fluorescence voltage inorder to derive invivo chlopophyll a concentrations. Latitude and Longitude positions were then determined if necessary.

Process_Date: Unknown

Process_Step:

Process_Description:

Metadata imported.

Source_Used_Citation_Abbreviation:

C:\DOCUME~1\jjohnson\LOCALS~1\Temp\xml424.tmp

Process_Date: 20081002

Process_Time: 13313500

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Spatial_Data_Organization_Information:

Indirect_Spatial_Reference_Method:

Chesapeake Bay

Direct_Spatial_Reference_Method: Point

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Area point

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Entity point

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Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 30

Longitude_Resolution: 30

Geographic_Coordinate_Units: decimal minutes

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodedic Reference System 80

Semi-major_Axis: 6378206.4

Denominator_of_Flattening_Ratio: 294.98

Vertical_Coordinate_System_Definition:

Altitude_System_Definition:

Altitude_Datum_Name: North American Vertical Datum of 1988

Altitude_Resolution: .1

Altitude_Distance_Units: meters

Altitude_Encoding_Method: Attribute Values

Depth_System_Definition:

Depth_Datum_Name: Chart datum; datum for sounding reduction

Depth_Resolution: .1

Depth_Distance_Units: meters

Depth_Encoding_Method: Attribute Values

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Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: SOURCE
Attribute_Definition:
Data Collection Agency
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: VIMS
Enumerated_Domain_Value_Definition:
VIRGINIA INSTITUTE OF MARINE SCIENCE
Enumerated_Domain_Value_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: CRUISE
Attribute_Definition:
Chesapeake Bay Program Cruise Number
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: BAY132
Range_Domain_Maximum: BAY231
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE

Attribute:
Attribute_Label: SAMPLE_DATE
Attribute_Definition:
Sampling Date (YYYYMMDD)
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 19910101
Range_Domain_Maximum: 19951231
Attribute_Units_of_Measure: ment: YYYYMMDD
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Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: SAMPLE_TIME
Attribute_Definition:
Sample Collection Time(HH:MM:SS)
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 06:00:00
Range_Domain_Maximum: 22:00:00
Attribute_Units_of_Measure: ment: (24hour-HH:MM:SS)
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: LATITUDE
Attribute_Definition:
Station Latitude in Decimal Degrees
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 37.1100
Range_Domain_Maximum: 37.8000
Attribute_Units_of_Measure: ment: decimal degrees
Detailed_Description:
Entity_Type:

Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: LONGITUDE
Attribute_Definition:
Station Longitude in Decimal Degrees
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 75.7917
Range_Domain_Maximum: 76.3867
Attribute_Units_of_Measure: ment: decimal degrees
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Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: STATION
Attribute_Definition:
Sampling Station
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Vertical Stations- CBP Station List
Codeset_Source: LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Unrepresentable_Domain:
Vertical Stations are collected at random transect sites
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: SAMPLE_TYPE
Attribute_Definition:
Sample Type
Attribute_Definition_Source:

LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Chesapeake Bay Program Sample Collection Types
Codeset_Source: LIVING RESOURCES DATA DICTIONARY
Detailed_Description:
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Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: SAMPLE_DEPTH
Attribute_Definition:
Sample Collection Depth (Meters)
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Range_Domain:
Range_Domain_Minimum: 0.5
Range_Domain_Maximum: 36.0
Attribute_Units_of_Measure: ment: Meters
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Entity_Type:
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Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: PARAMETER
Attribute_Definition:
Sampling Parameter
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: CHLF
Enumerated_Domain_Value_Definition:
Chlorophyll a Fluorescence
Enumerated_Domain_Value_Definition_Source:
Living Resources Data Dictionary
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:

CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE

Attribute:

Attribute_Label: VALUE

Attribute_Definition:

Parameter Value

Attribute_Definition_Source:

LIVING RESOURCES DATA DICTIONARY

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0

Range_Domain_Maximum: 200

Detailed_Description:

Entity_Type:

Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT

Entity_Type_Definition:

HORIZONTAL OR VERTICAL FLUORESCENCE DATA

Entity_Type_Definition_Source:

CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE

Attribute:

Attribute_Label: UNITS

Attribute_Definition:

Parameter Reporting Units

Attribute_Definition_Source:

LIVING RESOURCES DATA DICTIONARY

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: Living Resources Reporting Units

Codeset_Source: LIVING RESOURCES DATA DICTIONARY

Attribute_Domain_Values:

Range_Domain:

Attribute_Units_of_Measure: ment: micrograms per liter

Detailed_Description:

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Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT

Entity_Type_Definition:

HORIZONTAL OR VERTICAL FLUORESCENCE DATA

Entity_Type_Definition_Source:

CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE

Attribute:

Attribute_Label: QUALIFIER

Attribute_Definition:

Chlorophyll a Detection Limit

Attribute_Definition_Source:

LIVING RESOURCES DATA DICTIONARY

Attribute_Domain_Values:

Codeset_Domain:

Codeset_Name: CBP Detection Limit Codes

Codeset_Source: LIVING RESOURCES DATA DICTIONARY

Detailed_Description:
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Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: METHOD
Attribute_Definition:
Parameter Method Code
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: CBP Living Resources Method Codes
Codeset_Source: LIVING RESOURCES DATA DICTIONARY
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Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: SALZONE
Attribute_Definition:
Salinity Zone
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Venicean Salinity Zones
Codeset_Source: LIVING RESOURCES DATA DICTIONARY
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Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
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Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: R_DATE
Attribute_Definition:
Version Date of Data(YYYYMMDD)
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:

Range_Domain:
Range_Domain_Minimum: 19971212
Range_Domain_Maximum: 19971212
Attribute_Units_of_Measure: ment: yyyymmdd

Detailed_Description:
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Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: BASIN
Attribute_Definition:
Chesapeake Bay Basin Designation
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Chesapeake Bay Program Basin Designation
Codeset_Source: LIVING RESOURCES DATA DICTIONARY

Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: PROJECT
Attribute_Definition:
Chesapeake Bay Program Project Id
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: CBP Monitoring Program Indentifers
Codeset_Source: LIVING RESOURCES DATA DICTIONARY

Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: SER_NUM
Attribute_Definition:

Sample Serial Number
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Unrepresentable_Domain:
Source generated tracking number
Detailed_Description:
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Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: HUC8
Attribute_Definition:
USGS Eight Digit Hydrologic Unit Code
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: USGS Eight Digit Hydrologic Unit Code
Codeset_Source: LIVING RESOURCES DATA DICTIONARY
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:
Attribute_Label: FIPS
Attribute_Definition:
Federal Information Processing Code
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: Federal Information Processing Code
Codeset_Source: LIVING RESOURCES DATA DICTIONARY
Detailed_Description:
Entity_Type:
Entity_Type_Label: VAFLHFyy.TXT OR VAFLVFyy.TXT
Entity_Type_Definition:
HORIZONTAL OR VERTICAL FLUORESCENCE DATA
Entity_Type_Definition_Source:
CHESAPEAKE BAY PROGRAM FLUORESCENCE MONITORING DATABASE
Attribute:

Attribute_Label: LL_DATUM
Attribute_Definition:
Latitude and Longitude Geographic Datum
Attribute_Definition_Source:
LIVING RESOURCES DATA DICTIONARY
Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: NAD83
Enumerated_Domain_Value_Definition:
NORTH AMERICAN DATUM 1983
Enumerated_Domain_Value_Definition_Source:
LIVING RESOURCES DATA DICTIONARY

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Distribution_Information:
Distributor:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Jacqueline Johnson
Contact_Organization: Interstate Commission on Potomac River Basin
Contact_Position: Chesapeake Bay Program Living Resources Data Manager
Contact_Address:
Address_Type: mailing and physical address
Address:
410 Severn Avenue, Suite 109
City: Annapolis
State_or_Province: Maryland
Postal_Code: 21403
Country: USA
Contact_Voice_Telephone: 1-800-968-7229
Contact_Voice_Telephone: 410-267-5729
Contact_Facsimile_Telephone: 410-267-5777
Contact_Electronic_Mail_Address: jjohnson@chesapeakebay.net
Hours_of_Service: 8:00 a.m. to 4:00 p.m. Monday Through Friday
Contact Instructions:
unavailable
Distribution_Liability:
I, the data requestor, agree to acknowledge the Chesapeake Bay Program and any other agencies and institutions as specified by the Chesapeake Bay Program Office as data providers. I agree to credit the data originators in any publications, reports or presentations generated from this data. I also accept that, although these data have been processed successfully on a computer system at the Chesapeake Bay Program, no warranty expressed or implied is made regarding the accuracy or utility of the data on any other system or for general or scientific purposes, nor shall the act of

distribution constitute any such warranty. This disclaimer applies both to individual use of the data and aggregate use with other data. It is strongly recommended that careful attention be paid to the contents of the data documentation file associated with these data. The Chesapeake Bay Program shall not be held liable for improper or incorrect use of the data described and/or contained herein.

Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: ASCII
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
WWW.CHESAPEAKEBAY.NET
Offline_Option:
Offline_Media: CD-ROM
Recording_Capacity:
Recording_Density: 650
Recording_Density_Units: MEGABITES
Recording_Format: ISO 9660
Compatibility_Information:
None
Fees: None
Ordering_Instructions:
None
Turnaround: 5 Working Days

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Metadata_Reference_Information:
Metadata_Date: 20000407
Metadata_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Jacqueline Johnson
Contact_Organization: Interstate Commission on Potomac River Basin
Contact_Position: Chesapeake Bay Program Living Resources Data Manager
Contact_Address:
Address_Type: mailing and physical address
Address:
410 Severn Avenue, Suite 109
City: Annapolis
State_or_Province: Maryland
Postal_Code: 21403
Country: USA

Contact_Voice_Telephone: 1-800-968-7229
Contact_Voice_Telephone: 410-267-5729
Contact_Facsimile_Telephone: 410-267-5777
Contact_Electronic_Mail_Address: jjohnson@chesapeakebay.net
Hours_of_Service: 8:00 a.m. to 4:00 p.m. Monday Through Friday
Contact Instructions:
unavailable

Metadata_Standard_Name: NBII Content Standard for National Biological Information Infrastructure Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Access_Constraints: None
Metadata_Use_Constraints:
None
Metadata_Security_Information:
Metadata_Security_Classification_System: None
Metadata_Security_Classification: Unclassified
Metadata_Security_Handling_Description:
None

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