**CDOM\_files.zip Contents**

**File Types and Descriptions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Entity Type** | **Externally Defined Format** | **Description** |
| 20190905\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2019-09-05 |
| 20190909\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2019-09-09 |
| 20190930\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2019-09-30 |
| 20191115\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2019-11-15 |
| 20200114\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-01-14 |
| 20200116\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-01-16 |
| 20200117\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-01-17 |
| 20200124\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-01-24 |
| 20200131\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-01-31 |
| 20200203\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-03 |
| 20200205\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-05 |
| 20200212\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-12 |
| 20200214\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-14 |
| 20200217\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-17 |
| 20200221\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-21 |
| 20200224\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-24 |
| 20200227\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-27 |
| 20200228\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-02-28 |
| 20200302\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-03-02 |
| 20200320\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-03-20 |
| 20200323\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-03-23 |
| 20200727\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-07-27 |
| 20200728\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-07-28 |
| 20200729\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-07-29 |
| 20200730\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-07-30 |
| 20200731\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-07-31 |
| 20200801\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-01 |
| 20200804\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-04 |
| 20200805\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-05 |
| 20200807\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-07 |
| 20200808\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-08 |
| 20200810\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-10 |
| 20200820\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-08-20 |
| 20201028\_CDOM\_Corr.csv |  |  | CDOM correction file for analysis date 2020-10-28 |

**Data Table Structure**

For all ‘\_CDOM\_Corr.csv’ files

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Description** | **Unit or code explanation or date format** | **Empty code value** |
| - | Wavelengths scanned (190-850 nm) | nm | NA |
| MilliQ | Absorbance values for MilliQ water scan (Blank Scan) | Dimensionless | NA |
| ‘SampleName’ | Name of Sample where: F = FCR or B = BVR; Date of sample collection as DD-Mon-YY; Site specified as either 102, 101, 100, 200, 99, 20, 30, 45, 50, 01 or if blank site = 50; Depth, if specified as 0.1 m or Surf, 5.0 m, or 9.0 m; if depth is unspecified then depth = 0.1 m; Rep is either R1 = Rep 1 or R2 = Rep 2; Dilution indicated as Dil  Values equal the raw absorbance intensity measured at each wavelength. | Dimensionless | NA |
| A(CDOM) | Blank corrected decadal absorbance | Dimensionless | NA |
| a(CDOM) | Naperian absorbance coefficients converted using a(CDOM) = 2.303\*A(CDOM)/0.01m | 1/meter | NA |
| ln(a) | Natural log of a(CDOM) | 1/meter | NA |
| Sr | Calculated Slope from 275-295 nm (1st row); Slope from 350-400 nm (2nd row); and Slope ratio as S275\_295/S350\_400 (3rd row) | Dimensionless | NA |