

NOTES ON ADJUSTMENT OF CRMS WATER LEVEL DATA FOR THE 2021 COASTWIDE SURVEY UPDATE

CPRA 10/2/2023

INTRODUCTION

The Coastwide Reference Monitoring System (CRMS) collects a suite of variables across coastal Louisiana for coastal restoration monitoring and assessment. Hydrology, vegetation, soil properties, and land change data have been served continuously since 2006. Data are publicly available through [CIMS](#) and the [CRMS website](#).

The hydrology station at each CRMS site consists of a data sonde attached to a post capable of measuring water level, salinity and temperature. Hydrology stations are periodically surveyed to tie them to a vertical datum (currently ft NAVD88, Geoid 12b) so that water levels relative to a depth sensor can be converted to water elevations relative to the modern vertical datum used in restoration planning and construction. Marsh surface elevations are also surveyed (at non-floating sites), so that inundation depth can be calculated.

CRMS SURVEY HISTORY

The entire CRMS network has been surveyed three times. Original “as-built” surveys were performed between 2006 and 2008 in Geoid 99. Where necessary, new control monuments were installed for the CRMS project but many existing secondary monuments were also utilized. Published secondary monument elevations at the time of site construction were utilized for original surveys (i.e. secondary monuments weren’t updated specifically for the original CRMS survey effort). The first coastwide elevation update was performed in 2014 relative to Geoid 12a and the second update was performed in 2021 relative to Geoid 12b. For both the 2014 and 2021 survey efforts, all control monuments utilized were updated (sub cm) and a GPS network solution was applied to control drift and standardize monument values.

In order to properly utilize CRMS water elevation data, all data need to be adjusted relative to the most recent survey. Adjustment values and adjusted data are both available for download from the CRMS website.

When the 2014 Geoid 12a survey was applied, CRMS data were shifted back to the beginning of the Water Year in which the survey was performed (10/1/2013). In that case, the difference between elevations at CRMS stations was due to Geoid 99/Geoid 12a model difference, 2006-2008 survey error, 2014 survey error and station movement between surveys. 2014 elevations were an improvement over 2006-2008 elevations. Between site differences were much smaller. Programmatically, we serve elevations in the Geoid in which they were observed. It has been necessary for data users to adjust Geoid 99 data into Geoid 12a.

Geoid 12a and 12b models are the same except in Puerto Rico. Differences between the surveyed values maintained at CRMS sites since 2014 in Geoid 12a and new values indicated by the most recent survey in Geoid 12b are due to 2014 survey error, 2021 survey error, and vertical station movement through time but not Geoid model difference.

CPRA's monthly QA/QC efforts help identify and address station movement issues. When necessary, the elevation from the Rod Surface Elevation Table (RSET) is used as a local reference to verify and re-establish hydrology station elevation (i.e. when stations are re-located or rebuilt or an issue is identified in QA/QC). 2021 elevations in Geoid 12b have been verified. Where there are meaningful differences between Geoid 12a and 12b elevations, 2014 survey error is the suspected issue.

Since the Geoid model is the same and because 2014 errors were identified, data adjustments were applied over the entire Geoid 12a record in CIMS (back to 10/1/2013). Conversion factors for Geoid 99 to 12b are served on the CRMS website and will still be necessary for data users. No additional Geoid 12a to Geoid 12b conversions are necessary.

CRMS ELEVATION ADJUSTMENT NOTES

GEOIDS

There are still two Geoids utilized in CRMS data products. CRMS data remain relative to Geoid 99 prior to 10/1/2013. Geoid 12a has been replaced with Geoid 12b throughout CRMS data products. Geoid is identified in all charts and data products. Data users should download new Geoid 99 to Geoid 12b adjustment factors to use when adjusting Geoid 99 data into Geoid 12b.

Marsh Elevation and Inundation Depth

Site marsh elevations were also re-surveyed as part of the 2021 elevation update effort. Site marsh elevations are derived from an average of marsh elevations surveyed at ten or more CRMS vegetation stations per CRMS site. The marsh elevation is used as a static value to calculate inundation depth in CIMS where it is reported as "Water Elevation to Marsh (ft)" and on the CRMS website where it is called "Flooding".

Inundation was calculated using the updated 2021 marsh elevations from 10/1/2020 forward. The site marsh elevations from 2014 were adjusted into the 2021 survey and inundation was recalculated from 10/1/2013 to 9/30/2020.

Adjustment Method

The elevation of reference marks on hydrologic station posts are known and are maintained through time. The timing of the survey (June 2021 to November 2022) meant that many stations were impacted by Hurricane Ida. When hydrologic stations are knocked down or removed by storms, they are rebuilt using the Rod Surface Elevation Table (RSET) elevation as a reference.

In most cases, surveyors touched on marks with known Geoid 12a elevations and provided new Geoid 12b elevations for the same intact mark. In those cases, the adjustment value was simply the difference between old and new elevation on the same mark. When stations were destroyed and re-established, the previous mark (elevation control point) was no longer available. Since elevation control for rebuilt stations are established by utilizing RSET elevations as control monuments, the adjustment factor in those cases was the difference between the old (G12a) and updated (G12b) RSET elevations. In both cases, the difference between an existing elevation maintained through time in Geoid 12a and a new elevation observed on the same piece of equipment in Geoid 12b is the adjustment value. Due to station damage and rebuilds, some sites had more than one adjustment value applied to different timeframes (Appendix A).

Vegetation station elevations were surveyed relative to the RSET in both 2014 and 2021. In order to adjust 2014 marsh elevations into the 2021 survey, the difference between old and new RSET elevations was used.

Adjustment of the raw data in CIMS was a two-step process where water elevation was adjusted first and then inundation was re-calculated using the updated marsh elevation. Raw water level, salinity and temperature data were not changed.

Conversion Factors

New conversion factors were published for converting Geoid 99 data into Geoid 12b. Those are available for download on the [CRMS website](#) (Data Download/Hydro/Shifted Elevation Data).

Data users should update current analyses with Geoid 12b water elevations and inundation values.

APPENDIX A – Geoid 12a to 12b adjustments applied to CIMS in October, 2023

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0002	CRMS0002-H01	10/1/2013 0:00	9/30/2020 23:00	0.16	GEOID12B	0.4315
CRMS0002	CRMS0002-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.16	GEOID12B	0.71875
CRMS0003	CRMS0003-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.7135
CRMS0003	CRMS0003-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.8805
CRMS0006	CRMS0006-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	0.4125
CRMS0006	CRMS0006-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	0.818
CRMS0008	CRMS0008-H02	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	0.411111111
CRMS0008	CRMS0008-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.02	GEOID12B	0.695555556
CRMS0030	CRMS0030-H01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	0.661
CRMS0030	CRMS0030-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0	GEOID12B	0.7965
CRMS0033	CRMS0033-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.503
CRMS0033	CRMS0033-H01	10/1/2020 0:00	11/8/2021 12:00	-0.01	GEOID12B	0.786923077
CRMS0033	CRMS0033-H01	11/8/2021 13:00	Last reading in CIMS of G12A	-0.02	GEOID12B	0.786923077
CRMS0034	CRMS0034-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	0.5935
CRMS0034	CRMS0034-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.7505
CRMS0035	CRMS0035-H01	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	1.077222222
CRMS0035	CRMS0035-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.02	GEOID12B	1.131111111
CRMS0038	CRMS0038-H01	10/1/2013 0:00	9/30/2020 23:00	-0.19	GEOID12B	-0.018333333
CRMS0038	CRMS0038-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.19	GEOID12B	0.076111111
CRMS0039	CRMS0039-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.08
CRMS0039	CRMS0039-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.491111111
CRMS0046	CRMS0046-H01	10/1/2013 0:00	9/30/2020 23:00	-0.32	GEOID12B	0.756111111
CRMS0046	CRMS0046-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.32	GEOID12B	0.960555556
CRMS0047	CRMS0047-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	0.802222222
CRMS0047	CRMS0047-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	0.792777778
CRMS0056	CRMS0056-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.638333333
CRMS0056	CRMS0056-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	0.792857143
CRMS0058	CRMS0058-H02	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.61
CRMS0058	CRMS0058-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	Floating Marsh
CRMS0059	CRMS0059-H02	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.545555556
CRMS0059	CRMS0059-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.686315789
CRMS0061	CRMS0061-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	0.51
CRMS0061	CRMS0061-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.819444444
CRMS0063	CRMS0063-H01	10/1/2013 0:00	9/30/2020 23:00	0.13	GEOID12B	0.539444444
CRMS0063	CRMS0063-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.13	GEOID12B	0.905555556
CRMS0065	CRMS0065-H02	10/1/2013 0:00	9/30/2020 23:00	-0.45	GEOID12B	-0.013333333
CRMS0065	CRMS0065-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.45	GEOID12B	0.18
CRMS0086	CRMS0086-H01	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	0.624444444
CRMS0086	CRMS0086-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	0.817222222
CRMS0089	CRMS0089-H02	10/1/2013 0:00	9/30/2020 23:00	-0.2	GEOID12B	-0.157222222
CRMS0089	CRMS0089-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.2	GEOID12B	-0.36
CRMS0090	CRMS0090-W01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	-0.17
CRMS0090	CRMS0090-W01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.818333333
CRMS0097	CRMS0097-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.611666667
CRMS0097	CRMS0097-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.834444444
CRMS0103	CRMS0103-H01	10/1/2013 0:00	9/30/2020 23:00	-0.33	GEOID12B	0.563888889
CRMS0103	CRMS0103-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.33	GEOID12B	0.875
CRMS0108	CRMS0108-H01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	0.7675
CRMS0108	CRMS0108-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0	GEOID12B	0.943
CRMS0114	CRMS0114-H01	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	0.6835
CRMS0114	CRMS0114-H01	10/1/2020 0:00	10/12/2021 11:00	-0.02	GEOID12B	1.164166667
CRMS0114	CRMS0114-H01	10/12/2021 12:00	Last reading in CIMS of G12A	-0.18	GEOID12B	1.164166667
CRMS0115	CRMS0115-H01	10/1/2013 0:00	9/30/2020 23:00	0.03	GEOID12B	Floating Marsh
CRMS0115	CRMS0115-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.03	GEOID12B	1.309545455
CRMS0117	CRMS0117-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.729
CRMS0117	CRMS0117-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.872666667
CRMS0118	CRMS0118-H01	10/1/2013 0:00	9/30/2020 23:00	-0.2	GEOID12B	0.303
CRMS0118	CRMS0118-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.2	GEOID12B	0.686
CRMS0119	CRMS0119-H01	10/1/2013 0:00	9/30/2020 23:00	0.13	GEOID12B	0.8015
CRMS0119	CRMS0119-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.13	GEOID12B	0.97
CRMS0120	CRMS0120-H01	10/1/2013 0:00	9/30/2020 23:00	-0.06	GEOID12B	1.268888889
CRMS0120	CRMS0120-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.06	GEOID12B	1.1695
CRMS0121	CRMS0121-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.125
CRMS0121	CRMS0121-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.5735
CRMS0125	CRMS0125-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	0.6775
CRMS0125	CRMS0125-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	1.053461538

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0128	CRMS0128-W01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	Floating Marsh
CRMS0128	CRMS0128-W01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	1.335
CRMS0129	CRMS0129-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.4535
CRMS0129	CRMS0129-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.6585
CRMS0131	CRMS0131-H01	10/1/2013 0:00	9/30/2020 23:00	-0.24	GEOID12B	1.179
CRMS0131	CRMS0131-H01	10/1/2020 0:00	12/21/2021 11:00	-0.24	GEOID12B	1.472
CRMS0131	CRMS0131-H01	12/21/2021 12:00	Last reading in CIMS of G12A	0.14	GEOID12B	1.472
CRMS0132	CRMS0132-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.76475
CRMS0132	CRMS0132-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	1.328
CRMS0135	CRMS0135-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	0.72625
CRMS0135	CRMS0135-H01	10/1/2020 0:00	10/21/2021 11:00	-0.09	GEOID12B	0.94
CRMS0135	CRMS0135-H01	10/21/2021 12:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.94
CRMS0136	CRMS0136-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.9485
CRMS0136	CRMS0136-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.969
CRMS0139	CRMS0139-H01	10/1/2013 0:00	9/30/2020 23:00	-0.15	GEOID12B	0.2775
CRMS0139	CRMS0139-H01	10/1/2020 0:00	10/26/2021 12:00	-0.15	GEOID12B	0.828
CRMS0139	CRMS0139-H01	10/26/2021 13:00	Last reading in CIMS of G12A	-0.23	GEOID12B	0.828
CRMS0146	CRMS0146-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.46
CRMS0146	CRMS0146-H01	10/1/2020 0:00	10/21/2021 11:00	-0.05	GEOID12B	0.728333333
CRMS0146	CRMS0146-H01	10/21/2021 12:00	Last reading in CIMS of G12A	-0.04	GEOID12B	0.728333333
CRMS0147	CRMS0147-H01	10/1/2013 0:00	9/30/2020 23:00	-0.19	GEOID12B	0.4325
CRMS0147	CRMS0147-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.19	GEOID12B	0.615
CRMS0148	CRMS0148-H01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	1.0425
CRMS0148	CRMS0148-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0	GEOID12B	1.627
CRMS0153	CRMS0153-H01	10/1/2013 0:00	9/30/2020 23:00	-1.85	GEOID12B	-1.1575
CRMS0153	CRMS0153-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-1.85	GEOID12B	-2.20125
CRMS0154	CRMS0154-H01	10/1/2013 0:00	9/30/2020 23:00	-0.78	GEOID12B	-0.004
CRMS0154	CRMS0154-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.78	GEOID12B	0.712
CRMS0156	CRMS0156-H01	10/1/2013 0:00	9/30/2020 23:00	-0.56	GEOID12B	1.645
CRMS0156	CRMS0156-H01	10/1/2020 0:00	10/6/2021 11:00	-0.56	GEOID12B	0.912
CRMS0156	CRMS0156-H01	10/6/2021 12:00	Last reading in CIMS of G12A	-0.53	GEOID12B	0.912
CRMS0157	CRMS0157-H01	10/1/2013 0:00	9/30/2020 23:00	-0.39	GEOID12B	-0.089
CRMS0157	CRMS0157-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.39	GEOID12B	1.215
CRMS0159	CRMS0159-H01	10/1/2013 0:00	9/30/2020 23:00	-0.56	GEOID12B	-0.339
CRMS0159	CRMS0159-H01	10/1/2020 0:00	10/12/2021 10:00	-0.56	GEOID12B	-0.3485
CRMS0159	CRMS0159-H01	10/12/2021 11:00	Last reading in CIMS of G12A	-0.45	GEOID12B	-0.3485
CRMS0161	CRMS0161-H01	10/1/2013 0:00	9/30/2020 23:00	-0.31	GEOID12B	-0.752
CRMS0161	CRMS0161-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.31	GEOID12B	-0.857
CRMS0162	CRMS0162-H01	10/1/2013 0:00	9/30/2020 23:00	-0.8	GEOID12B	-0.226
CRMS0162	CRMS0162-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.8	GEOID12B	0.3795
CRMS0163	CRMS0163-H01	10/1/2013 0:00	9/30/2020 23:00	-0.24	GEOID12B	0.207
CRMS0163	CRMS0163-H01	10/1/2020 0:00	10/11/2021 16:00	-0.24	GEOID12B	0.634
CRMS0163	CRMS0163-H01	10/11/2021 17:00	Last reading in CIMS of G12A	-0.21	GEOID12B	0.634
CRMS0164	CRMS0164-H01	10/1/2013 0:00	9/30/2020 23:00	-0.29	GEOID12B	0.1905
CRMS0164	CRMS0164-H01	10/1/2020 0:00	10/11/2021 13:00	-0.29	GEOID12B	0.376
CRMS0164	CRMS0164-H01	10/11/2021 14:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.376
CRMS0171	CRMS0171-H01	10/1/2013 0:00	9/30/2020 23:00	-0.06	GEOID12B	0.261
CRMS0171	CRMS0171-H01	10/1/2020 0:00	1/19/2022 11:00	-0.06	GEOID12B	0.6015
CRMS0171	CRMS0171-H01	1/19/2022 12:00	Last reading in CIMS of G12A	-0.09	GEOID12B	0.6015
CRMS0172	CRMS0172-H01	10/1/2013 0:00	9/30/2020 23:00	-0.21	GEOID12B	-0.0415
CRMS0172	CRMS0172-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.21	GEOID12B	0.4385
CRMS0173	CRMS0173-H01	10/1/2013 0:00	9/30/2020 23:00	-0.17	GEOID12B	0.1265
CRMS0173	CRMS0173-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.17	GEOID12B	0.4585
CRMS0174	CRMS0174-H01	10/1/2013 0:00	9/30/2020 23:00	-0.2	GEOID12B	0.213888889
CRMS0174	CRMS0174-H01	10/1/2020 0:00	9/28/2021 11:00	-0.2	GEOID12B	0.5735
CRMS0174	CRMS0174-H01	9/28/2021 12:00	Last reading in CIMS of G12A	-0.06	GEOID12B	0.5735
CRMS0175	CRMS0175-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	0.252
CRMS0175	CRMS0175-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	0.4865
CRMS0176	CRMS0176-H01	10/1/2013 0:00	10/24/2019 7:00		GEOID12B	0.348
CRMS0176	CRMS0176-H0X	10/1/2019 0:00	9/30/2020 23:00	-0.2	GEOID12B	0.348
CRMS0176	CRMS0176-H0X	10/1/2020 0:00	9/28/2021 11:00	-0.2	GEOID12B	0.346
CRMS0176	CRMS0176-H0X	9/28/2021 12:00	Last reading in CIMS of G12A	-0.06	GEOID12B	0.346
CRMS0178	CRMS0178-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	0.618333333
CRMS0178	CRMS0178-H01	10/1/2020 0:00	10/11/2021 11:00	-0.16	GEOID12B	0.9815
CRMS0178	CRMS0178-H01	10/11/2021 12:00	Last reading in CIMS of G12A	-0.17	GEOID12B	0.9815
CRMS0179	CRMS0179-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.204

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0179	CRMS0179-H01	10/1/2020 0:00	9/23/2021 11:00	-0.12	GEOID12B	0.7325
CRMS0179	CRMS0179-H01	9/23/2021 12:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.7325
CRMS0181	CRMS0181-H01	10/1/2013 0:00	9/30/2020 23:00	0.02	GEOID12B	0.3375
CRMS0181	CRMS0181-H01	10/1/2020 0:00	9/28/2021 10:00	0.02	GEOID12B	0.7835
CRMS0181	CRMS0181-H01	9/28/2021 11:00	Last reading in CIMS of G12A	-0.14	GEOID12B	0.7835
CRMS0185	CRMS0185-H01	10/1/2013 0:00	9/30/2020 23:00	-0.32	GEOID12B	-0.225
CRMS0185	CRMS0185-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.32	GEOID12B	1.206666667
CRMS0188	CRMS0188-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	Floating Marsh
CRMS0189	CRMS0189-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	Floating Marsh
CRMS0189	CRMS0189-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	Floating Marsh
CRMS0190	CRMS0190-H01	10/1/2013 0:00	Last reading in CIMS of G12A		GEOID12B	Floating Marsh
CRMS0192	CRMS0192-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.1	GEOID12B	Floating Marsh
CRMS0194	CRMS0194-W01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	1.425740741
CRMS0194	CRMS0194-W01	10/1/2020 0:00	Last reading in CIMS of G12A	0	GEOID12B	1.575
CRMS0197	CRMS0197-W01	10/1/2013 0:00	9/30/2020 23:00	0.15	GEOID12B	1.346851852
CRMS0197	CRMS0197-W01	10/1/2020 0:00	Last reading in CIMS of G12A	0.15	GEOID12B	1.252222222
CRMS0200	CRMS0200-W01	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	1.13537037
CRMS0200	CRMS0200-W01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	1.193333333
CRMS0206	CRMS0206-H01	10/1/2013 0:00	9/30/2020 23:00	0.06	GEOID12B	-0.247777778
CRMS0206	CRMS0206-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.06	GEOID12B	0.376470588
CRMS0209	CRMS0209-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	0.516875
CRMS0209	CRMS0209-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.539375
CRMS0211	CRMS0211-H01	10/1/2013 0:00	Last reading in CIMS of G12A		GEOID12B	Floating Marsh
CRMS0217	CRMS0217-H01	10/1/2013 0:00	9/30/2020 23:00	0.78	GEOID12B	0.46
CRMS0217	CRMS0217-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.78	GEOID12B	0.493333333
CRMS0218	CRMS0218-H01	10/1/2013 0:00	9/30/2020 23:00	-0.23	GEOID12B	-0.873333333
CRMS0218	CRMS0218-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.23	GEOID12B	-0.856666667
CRMS0219	CRMS0219-W01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	Floating Marsh
CRMS0220	CRMS0220-H01	10/1/2013 0:00	12/10/2019 11:00	-0.01	GEOID12B	0.49475
CRMS0220	CRMS0220-H0X	10/1/2019 0:00	9/30/2020 23:00	0.04	GEOID12B	0.49475
CRMS0220	CRMS0220-H0X	10/1/2020 0:00	Last reading in CIMS of G12A	0.04	GEOID12B	0.7933
CRMS0224	CRMS0224-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.673
CRMS0224	CRMS0224-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.8485
CRMS0225	CRMS0225-H01	10/1/2013 0:00	9/30/2020 23:00	-0.34	GEOID12B	0.47
CRMS0225	CRMS0225-H01	10/1/2020 0:00	9/21/2021 12:00	-0.34	GEOID12B	0.689
CRMS0225	CRMS0225-H01	9/21/2021 13:00	Last reading in CIMS of G12A	-0.17	GEOID12B	0.689
CRMS0226	CRMS0226-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.6225
CRMS0226	CRMS0226-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	0.833055556
CRMS0232	CRMS0232-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	0.495
CRMS0232	CRMS0232-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.08	GEOID12B	0.688
CRMS0234	CRMS0234-H01	10/1/2013 0:00	9/30/2020 23:00	0.11	GEOID12B	-0.096666667
CRMS0234	CRMS0234-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.11	GEOID12B	0.273888889
CRMS0237	CRMS0237-H02	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.5685
CRMS0237	CRMS0237-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.8145
CRMS0248	CRMS0248-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.75925
CRMS0248	CRMS0248-H01	10/1/2020 0:00	10/4/2021 10:00	-0.03	GEOID12B	0.8475
CRMS0248	CRMS0248-H01	10/4/2021 11:00	Last reading in CIMS of G12A	0.03	GEOID12B	0.8475
CRMS0251	CRMS0251-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	0.284
CRMS0251	CRMS0251-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	0.53125
CRMS0253	CRMS0253-H01	10/1/2013 0:00	9/30/2020 23:00	0.04	GEOID12B	0.7425
CRMS0253	CRMS0253-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.04	GEOID12B	0.8295
CRMS0258	CRMS0258-H01	10/1/2013 0:00	9/30/2020 23:00	-0.22	GEOID12B	0.28125
CRMS0258	CRMS0258-H01	10/1/2020 0:00	5/27/2022 10:00	-0.22	GEOID12B	0.430454545
CRMS0258	CRMS0258-H01	5/27/2022 11:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.430454545
CRMS0260	CRMS0260-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.44925
CRMS0260	CRMS0260-H01	10/1/2020 0:00	9/16/2021 11:00	-0.05	GEOID12B	0.735
CRMS0260	CRMS0260-H01	9/16/2021 12:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.735
CRMS0261	CRMS0261-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	0.6025
CRMS0261	CRMS0261-H01	10/1/2020 0:00	10/5/2021 10:00	-0.04	GEOID12B	0.9515
CRMS0261	CRMS0261-H01	10/5/2021 11:00	Last reading in CIMS of G12A	0.02	GEOID12B	0.9515
CRMS0263	CRMS0263-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	0.3835
CRMS0263	CRMS0263-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.7385
CRMS0268	CRMS0268-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.17	GEOID12B	Floating Marsh
CRMS0272	CRMS0272-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	-0.0925
CRMS0272	CRMS0272-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.0525
CRMS0273	CRMS0273-W01	10/1/2013 0:00	Last reading in CIMS of G12A	0.03	GEOID12B	Floating Marsh

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0276	CRMS0276-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.7225
CRMS0276	CRMS0276-H01	10/1/2020 0:00	9/20/2021 10:00	-0.11	GEOID12B	0.8155
CRMS0276	CRMS0276-H01	9/20/2021 11:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.8155
CRMS0278	CRMS0278-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.15	GEOID12B	Floating Marsh
CRMS0282	CRMS0282-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	0.268
CRMS0282	CRMS0282-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.04	GEOID12B	0.5585
CRMS0287	CRMS0287-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	Floating Marsh
CRMS0287	CRMS0287-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	1.04
CRMS0290	CRMS0290-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.02	GEOID12B	Floating Marsh
CRMS0292	CRMS0292-H01	10/1/2013 0:00	9/30/2020 23:00	-0.25	GEOID12B	0.353
CRMS0292	CRMS0292-H01	10/1/2020 0:00	10/11/2021 10:00	-0.25	GEOID12B	0.6525
CRMS0292	CRMS0292-H01	10/11/2021 11:00	Last reading in CIMS of G12A	-0.08	GEOID12B	0.6525
CRMS0293	CRMS0293-H01	10/1/2013 0:00	9/30/2020 23:00	0.13	GEOID12B	0.729
CRMS0293	CRMS0293-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.13	GEOID12B	1.021
CRMS0294	CRMS0294-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.02	GEOID12B	Floating Marsh
CRMS0296	CRMS0296-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.22	GEOID12B	Floating Marsh
CRMS0301	CRMS0301-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	Floating Marsh
CRMS0302	CRMS0302-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	0.3335
CRMS0302	CRMS0302-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	0.51
CRMS0303	CRMS0303-H01	10/1/2013 0:00	9/30/2020 23:00	0.04	GEOID12B	0.7455
CRMS0303	CRMS0303-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.04	GEOID12B	0.896
CRMS0305	CRMS0305-H01	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	1.014083333
CRMS0305	CRMS0305-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.02	GEOID12B	1.33
CRMS0307	CRMS0307-H01	10/1/2013 0:00	9/30/2020 23:00	0.16	GEOID12B	0.576
CRMS0307	CRMS0307-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.16	GEOID12B	0.695
CRMS0309	CRMS0309-H01	10/1/2013 0:00	9/30/2020 23:00	0.09	GEOID12B	0.69625
CRMS0309	CRMS0309-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.09	GEOID12B	1.04525
CRMS0310	CRMS0310-H01	10/1/2013 0:00	9/30/2020 23:00	0.1	GEOID12B	0.1095
CRMS0310	CRMS0310-H01	10/1/2020 0:00	9/30/2021 10:00	0.1	GEOID12B	0.446315789
CRMS0310	CRMS0310-H01	9/30/2021 11:00	Last reading in CIMS of G12A	0.04	GEOID12B	0.446315789
CRMS0311	CRMS0311-H01	10/1/2013 0:00	9/30/2020 23:00	0.2	GEOID12B	0.591
CRMS0311	CRMS0311-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.2	GEOID12B	0.856071429
CRMS0312	CRMS0312-H01	10/1/2013 0:00	9/30/2020 23:00	-0.94	GEOID12B	Floating Marsh
CRMS0312	CRMS0312-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.94	GEOID12B	0.49875
CRMS0315	CRMS0315-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	0.570277778
CRMS0315	CRMS0315-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	0.864
CRMS0318	CRMS0318-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	-0.004444444
CRMS0318	CRMS0318-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	0.4035
CRMS0319	CRMS0319-H01	10/1/2013 0:00	9/30/2020 23:00	0.06	GEOID12B	0.121
CRMS0319	CRMS0319-H01	10/1/2020 0:00	9/27/2021 11:00	0.06	GEOID12B	0.4275
CRMS0319	CRMS0319-H01	9/27/2021 12:00	Last reading in CIMS of G12A	0.05	GEOID12B	0.4275
CRMS0322	CRMS0322-H01	10/1/2013 0:00	9/30/2020 23:00	0.14	GEOID12B	0.3875
CRMS0322	CRMS0322-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.14	GEOID12B	0.675384615
CRMS0324	CRMS0324-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	1.105444444
CRMS0324	CRMS0324-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	1.2
CRMS0326	CRMS0326-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	0.439916667
CRMS0326	CRMS0326-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.562
CRMS0327	CRMS0327-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.11	GEOID12B	Floating Marsh
CRMS0329	CRMS0329-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	Floating Marsh
CRMS0331	CRMS0331-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.02	GEOID12B	Floating Marsh
CRMS0332	CRMS0332-H01	10/1/2013 0:00	9/30/2020 23:00	0.17	GEOID12B	0.7485
CRMS0332	CRMS0332-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.17	GEOID12B	1.0125
CRMS0335	CRMS0335-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.222
CRMS0335	CRMS0335-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.2	GEOID12B	0.719
CRMS0336	CRMS0336-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	0.2105
CRMS0336	CRMS0336-H01	10/1/2020 0:00	9/23/2021 12:00	-0.1	GEOID12B	0.492
CRMS0336	CRMS0336-H01	9/23/2021 13:00	Last reading in CIMS of G12A	-0.13	GEOID12B	0.492
CRMS0337	CRMS0337-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.2405
CRMS0337	CRMS0337-H01	10/1/2020 0:00	9/28/2021 10:00	-0.03	GEOID12B	0.5795
CRMS0337	CRMS0337-H01	9/28/2021 11:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.5795
CRMS0338	CRMS0338-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	-0.022
CRMS0338	CRMS0338-H01	10/1/2020 0:00	9/23/2021 10:00	-0.01	GEOID12B	0.525
CRMS0338	CRMS0338-H01	9/23/2021 11:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.525
CRMS0341	CRMS0341-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	Floating Marsh
CRMS0345	CRMS0345-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	0.0125
CRMS0345	CRMS0345-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.6565

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0347	CRMS0347-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.286
CRMS0347	CRMS0347-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.7695
CRMS0354	CRMS0354-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.3205
CRMS0354	CRMS0354-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.2765
CRMS0355	CRMS0355-H01	10/1/2013 0:00	9/30/2020 23:00	-0.38	GEOID12B	0.529444444
CRMS0355	CRMS0355-H01	10/1/2020 0:00	11/10/2020 13:00	-0.38	GEOID12B	0.8465
CRMS0355	CRMS0355-H01	11/10/2020 14:00	Last reading in CIMS of G12A		GEOID12B	0.8465
CRMS0365	CRMS0365-H01	10/1/2013 0:00	11/24/2020 13:00		GEOID12B	Floating Marsh
CRMS0365	CRMS0365-H01	11/24/2020 14:00	Last reading in CIMS of G12A		GEOID12B	Floating Marsh
CRMS0367	CRMS0367-H01	10/1/2013 0:00	6/24/2021 8:00		GEOID12B	Floating Marsh
CRMS0367	CRMS0367-H01	6/24/2021 9:00	Last reading in CIMS of G12A	0	GEOID12B	Floating Marsh
CRMS0369	CRMS0369-H01	10/1/2013 0:00	9/30/2020 23:00	0.02	GEOID12B	0.742
CRMS0369	CRMS0369-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.02	GEOID12B	0.864
CRMS0371	CRMS0371-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.07	GEOID12B	Floating Marsh
CRMS0374	CRMS0374-H01	10/1/2013 0:00	9/30/2020 23:00	0.35	GEOID12B	0.546
CRMS0374	CRMS0374-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.35	GEOID12B	0.854
CRMS0376	CRMS0376-H01	10/1/2013 0:00	9/30/2020 23:00	0.06	GEOID12B	-0.13125
CRMS0376	CRMS0376-H01	10/1/2020 0:00	1/19/2023 10:00	0.06	GEOID12B	0.2015
CRMS0376	CRMS0376-H01	1/19/2023 11:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.2015
CRMS0377	CRMS0377-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	0.3955
CRMS0377	CRMS0377-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.08	GEOID12B	0.604
CRMS0381	CRMS0381-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.03	GEOID12B	Floating Marsh
CRMS0382	CRMS0382-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	Floating Marsh
CRMS0383	CRMS0383-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	0.1135
CRMS0383	CRMS0383-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	0.368
CRMS0385	CRMS0385-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	-0.0695
CRMS0385	CRMS0385-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.102058824
CRMS0386	CRMS0386-H01	10/1/2013 0:00	9/30/2020 23:00	-0.25	GEOID12B	-0.0045
CRMS0386	CRMS0386-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.25	GEOID12B	0.384
CRMS0387	CRMS0387-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	0.1265
CRMS0387	CRMS0387-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.04	GEOID12B	0.478461538
CRMS0390	CRMS0390-H01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	0.360625
CRMS0390	CRMS0390-H01	10/1/2020 0:00	10/8/2021 10:00	0	GEOID12B	0.721923077
CRMS0390	CRMS0390-H01	10/8/2021 11:00	Last reading in CIMS of G12A	-0.08	GEOID12B	0.721923077
CRMS0392	CRMS0392-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.2945
CRMS0392	CRMS0392-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	0.35275
CRMS0394	CRMS0394-H01	10/1/2013 0:00	9/30/2020 23:00	-0.21	GEOID12B	Floating Marsh
CRMS0394	CRMS0394-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.21	GEOID12B	0.252
CRMS0395	CRMS0395-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	Floating Marsh
CRMS0395	CRMS0395-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.381111111
CRMS0396	CRMS0396-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	Floating Marsh
CRMS0396	CRMS0396-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.279
CRMS0397	CRMS0397-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	0.06275
CRMS0397	CRMS0397-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.08	GEOID12B	No Marsh Elevation
CRMS0398	CRMS0398-H01	10/1/2013 0:00	9/30/2020 23:00	0.06	GEOID12B	0.186
CRMS0398	CRMS0398-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.06	GEOID12B	0.8985
CRMS0399	CRMS0399-H01	10/1/2013 0:00	9/30/2020 23:00	0.14	GEOID12B	0.582
CRMS0399	CRMS0399-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.14	GEOID12B	0.7345
CRMS0400	CRMS0400-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.24175
CRMS0400	CRMS0400-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.4675
CRMS0403	CRMS0403-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	-0.062444444
CRMS0403	CRMS0403-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.92
CRMS0409	CRMS0409-H01	???	Last reading in CIMS of G12A		GEOID12B	Floating Marsh
CRMS0411	CRMS0411-H01	10/1/2013 0:00	9/30/2020 23:00	0.06	GEOID12B	Floating Marsh
CRMS0411	CRMS0411-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.06	GEOID12B	Floating Marsh
CRMS0414	CRMS0414-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	0.219444444
CRMS0414	CRMS0414-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	0.681111111
CRMS0416	CRMS0416-H01	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	0.355
CRMS0416	CRMS0416-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.14	GEOID12B	0.61925
CRMS0421	CRMS0421-H01	10/1/2013 0:00	9/30/2020 23:00	-0.15	GEOID12B	0.8285
CRMS0421	CRMS0421-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.15	GEOID12B	1.024
CRMS0434	CRMS0434-H01	10/1/2013 0:00	9/30/2020 23:00	0.17	GEOID12B	0.7575
CRMS0434	CRMS0434-H01	10/1/2020 0:00	11/9/2020 13:00	0.17	GEOID12B	0.891
CRMS0434	CRMS0434-H01	11/9/2020 14:00	6/20/2022 10:00	0.01	GEOID12B	0.891
CRMS0434	CRMS0434-H01	6/20/2022 11:00	Last reading in CIMS of G12A	0.17	GEOID12B	0.891
CRMS0461	CRMS0461-H01	10/1/2013 0:00	9/30/2020 23:00	-0.94	GEOID12B	1.08563

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0461	CRMS0461-H01	10/1/2020 0:00	1/11/2023 12:00	-0.94	GEOID12B	1.7205
CRMS0461	CRMS0461-H01	1/11/2023 13:00	Last reading in CIMS of G12A	0.04063	GEOID12B	1.7205
CRMS0463	CRMS0463-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	Floating Marsh
CRMS0463	CRMS0463-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	1.4175
CRMS0464	CRMS0464-H01	10/21/2020 23:00	Last reading in CIMS of G12A		GEOID12B	1.614
CRMS0465	CRMS0465-H01	10/1/2013 0:00	9/30/2020 23:00	NA	GEOID12B	Floating Marsh
CRMS0465	CRMS0465-H01	10/1/2020 0:00	Last reading in CIMS of G12A	NA	GEOID12B	1.6735
CRMS0479	CRMS0479-H01	10/1/2013 0:00	9/30/2020 23:00	0.1405	GEOID12B	0.9315
CRMS0479	CRMS0479-H01	10/1/2020 0:00	7/20/2022 11:00	0.1405	GEOID12B	0.4655
CRMS0479	CRMS0479-H01	7/20/2022 12:00	Last reading in CIMS of G12A		GEOID12B	0.4655
CRMS0482	CRMS0482-H01	10/1/2013 0:00	9/30/2020 23:00	0.1	GEOID12B	0.7605
CRMS0482	CRMS0482-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.1	GEOID12B	1.6315
CRMS0488	CRMS0488-H02	10/1/2013 0:00	9/30/2020 23:00	-0.45	GEOID12B	1.6565
CRMS0488	CRMS0488-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.45	GEOID12B	1.4535
CRMS0489	CRMS0489-H01	10/1/2013 0:00	9/30/2020 23:00	0.15	GEOID12B	1.004444444
CRMS0489	CRMS0489-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.15	GEOID12B	1.220833333
CRMS0490	CRMS0490-H01	10/1/2013 0:00	9/30/2020 23:00	-0.6	GEOID12B	0.7495
CRMS0490	CRMS0490-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.6	GEOID12B	1.331666667
CRMS0493	CRMS0493-H02	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	1.213
CRMS0493	CRMS0493-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.14	GEOID12B	1.397
CRMS0494	CRMS0494-H02	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	1.005833333
CRMS0494	CRMS0494-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	1.0085
CRMS0496	CRMS0496-H02	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	0.8795
CRMS0496	CRMS0496-H02	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	1.3165
CRMS0498	CRMS0498-H01	10/1/2013 0:00	9/13/2017 8:00	0.04	GEOID12B	1.14
CRMS0498	CRMS0498-H02	4/14/2023 10:00	Last reading in CIMS of G12A		GEOID12B	1.10125
CRMS0499	CRMS0499-H01	10/1/2013 0:00	9/30/2020 23:00	-0.31	GEOID12B	0.382
CRMS0499	CRMS0499-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.31	GEOID12B	1.02125
CRMS0501	CRMS0501-H01	10/1/2013 0:00	9/30/2020 23:00	-0.43	GEOID12B	0.21975
CRMS0501	CRMS0501-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.43	GEOID12B	0.718461538
CRMS0504	CRMS0504-H01	10/1/2013 0:00	9/30/2020 23:00	0.09	GEOID12B	-0.00925
CRMS0504	CRMS0504-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.09	GEOID12B	0.50225
CRMS0507	CRMS0507-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	0.14375
CRMS0507	CRMS0507-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.476
CRMS0508	CRMS0508-H02	10/1/2013 0:00	9/30/2020 23:00	0.16	GEOID12B	0.511
CRMS0508	CRMS0508-H02	10/1/2020 0:00	Last reading in CIMS of G12A	0.16	GEOID12B	0.627586207
CRMS0511	CRMS0511-H02	10/1/2013 0:00	9/30/2020 23:00	-0.19	GEOID12B	-0.347
CRMS0511	CRMS0511-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.19	GEOID12B	-0.1765
CRMS0513	CRMS0513-H01	10/1/2013 0:00	9/30/2020 23:00	0.14	GEOID12B	0.399444444
CRMS0513	CRMS0513-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.14	GEOID12B	1.397222222
CRMS0514	CRMS0514-H02	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	1.2295
CRMS0514	CRMS0514-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	1.4115
CRMS0517	CRMS0517-H01	10/1/2013 0:00	9/30/2020 23:00	-0.24	GEOID12B	1.1385
CRMS0517	CRMS0517-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.24	GEOID12B	1.538947368
CRMS0520	CRMS0520-H01	10/1/2013 0:00	9/30/2020 23:00	-0.39	GEOID12B	0.78375
CRMS0520	CRMS0520-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.39	GEOID12B	1.06
CRMS0522	CRMS0522-H01	10/1/2013 0:00	9/30/2020 23:00	-0.29	GEOID12B	0.056
CRMS0522	CRMS0522-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.29	GEOID12B	0.7205
CRMS0523	CRMS0523-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.824
CRMS0523	CRMS0523-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	1.242894737
CRMS0524	CRMS0524-H01	10/1/2013 0:00	9/30/2020 23:00	-0.22	GEOID12B	0.70575
CRMS0524	CRMS0524-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.22	GEOID12B	1.1115
CRMS0527	CRMS0527-H03	10/1/2013 0:00	9/30/2020 23:00	-0.46	GEOID12B	0.9835
CRMS0527	CRMS0527-H03	10/1/2020 0:00	Last reading in CIMS of G12A	-0.46	GEOID12B	1.3055
CRMS0529	CRMS0529-H02	10/1/2013 0:00	9/30/2020 23:00	-0.24	GEOID12B	0.6325
CRMS0529	CRMS0529-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.24	GEOID12B	1.069230769
CRMS0530	CRMS0530-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	1.0215
CRMS0530	CRMS0530-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.73
CRMS0531	CRMS0531-H01	10/1/2013 0:00	9/30/2020 23:00	-0.21	GEOID12B	1.223
CRMS0531	CRMS0531-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.21	GEOID12B	1.48
CRMS0532	CRMS0532-H01	10/1/2013 0:00	9/30/2020 23:00	-0.15	GEOID12B	1.399
CRMS0532	CRMS0532-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.15	GEOID12B	1.4945
CRMS0535	CRMS0535-H01	10/1/2013 0:00	9/30/2020 23:00	-0.26	GEOID12B	0.8795
CRMS0535	CRMS0535-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.26	GEOID12B	1.231081081
CRMS0536	CRMS0536-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	0.064
CRMS0536	CRMS0536-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	0.437

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0541	CRMS0541-H01	10/1/2013 0:00	9/30/2020 23:00	-0.4	GEOID12B	1.1335
CRMS0541	CRMS0541-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.4	GEOID12B	1.2605
CRMS0542	CRMS0542-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	Floating Marsh
CRMS0543	CRMS0543-H02	10/1/2013 0:00	9/30/2020 23:00	-0.29	GEOID12B	1.3365
CRMS0543	CRMS0543-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.29	GEOID12B	1.547
CRMS0544	CRMS0544-H02	10/1/2013 0:00	9/30/2020 23:00	-0.39	GEOID12B	0.8015
CRMS0544	CRMS0544-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.39	GEOID12B	1.2885
CRMS0545	CRMS0545-H01	10/1/2013 0:00	9/30/2020 23:00	-0.06	GEOID12B	0.591
CRMS0545	CRMS0545-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.06	GEOID12B	0.9975
CRMS0547	CRMS0547-H01	10/1/2013 0:00	9/30/2020 23:00	-0.22	GEOID12B	0.95
CRMS0547	CRMS0547-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.22	GEOID12B	1.207777778
CRMS0549	CRMS0549-H03	10/1/2013 0:00	9/30/2020 23:00	-0.48	GEOID12B	1.6825
CRMS0549	CRMS0549-H03	10/1/2020 0:00	Last reading in CIMS of G12A	-0.48	GEOID12B	1.496
CRMS0550	CRMS0550-H01	10/1/2013 0:00	9/30/2020 23:00	-0.46	GEOID12B	1.3765
CRMS0550	CRMS0550-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.46	GEOID12B	1.513
CRMS0551	CRMS0551-H01	10/1/2013 0:00	9/30/2020 23:00	-0.37	GEOID12B	1.5865
CRMS0551	CRMS0551-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.37	GEOID12B	1.820909091
CRMS0552	CRMS0552-H02	10/1/2013 0:00	9/30/2020 23:00	-0.47	GEOID12B	0.95
CRMS0552	CRMS0552-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.47	GEOID12B	1.1475
CRMS0553	CRMS0553-H02	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.015
CRMS0553	CRMS0553-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	-0.078846154
CRMS0554	CRMS0554-H01	10/1/2013 0:00	9/30/2020 23:00	-0.27	GEOID12B	-0.116
CRMS0554	CRMS0554-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.27	GEOID12B	-0.185
CRMS0556	CRMS0556-H01	10/1/2013 0:00	9/30/2020 23:00	-0.34	GEOID12B	-0.4335
CRMS0556	CRMS0556-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.34	GEOID12B	0.073333333
CRMS0557	CRMS0557-H01	10/1/2013 0:00	9/30/2020 23:00	-0.49	GEOID12B	0.2645
CRMS0557	CRMS0557-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.49	GEOID12B	0.368
CRMS0560	CRMS0560-H01	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	-0.1255
CRMS0560	CRMS0560-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	0.216
CRMS0562	CRMS0562-H01	10/1/2013 0:00	9/30/2020 23:00	-0.29	GEOID12B	-0.282727273
CRMS0562	CRMS0562-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.29	GEOID12B	-0.269615385
CRMS0565	CRMS0565-H01	10/1/2013 0:00	9/30/2020 23:00	-0.27	GEOID12B	-0.0325
CRMS0565	CRMS0565-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.27	GEOID12B	0.1305
CRMS0567	CRMS0567-H01	10/1/2013 0:00	9/30/2020 23:00	0.23	GEOID12B	0.174
CRMS0567	CRMS0567-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.23	GEOID12B	0.0905
CRMS0568	CRMS0568-H01	10/1/2013 0:00	9/30/2020 23:00	-0.23	GEOID12B	0.155
CRMS0568	CRMS0568-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.23	GEOID12B	0.067
CRMS0570	CRMS0570-H01	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	-0.931
CRMS0570	CRMS0570-H01	10/1/2020 0:00	6/22/2022 11:00	-0.14	GEOID12B	-0.638
CRMS0570	CRMS0570-H02	6/22/2022 12:00	Last reading in CIMS of G12A	-0.205	GEOID12B	-0.638
CRMS0571	CRMS0571-H01	10/1/2013 0:00	9/30/2020 23:00	-0.41	GEOID12B	0.131
CRMS0571	CRMS0571-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.41	GEOID12B	0.410416667
CRMS0572	CRMS0572-H01	10/1/2013 0:00	9/30/2020 23:00	-0.43	GEOID12B	-0.077631579
CRMS0572	CRMS0572-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.43	GEOID12B	0.352
CRMS0574	CRMS0574-H02	10/1/2013 0:00	9/30/2020 23:00	-0.45	GEOID12B	-0.309
CRMS0574	CRMS0574-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.45	GEOID12B	0.1155
CRMS0575	CRMS0575-H01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	0.206
CRMS0575	CRMS0575-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0	GEOID12B	0.236111111
CRMS0576	CRMS0576-H01	10/1/2013 0:00	9/30/2020 23:00	-0.2	GEOID12B	0.174545455
CRMS0576	CRMS0576-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.2	GEOID12B	0.3435
CRMS0580	CRMS0580-H02	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	0.49775
CRMS0580	CRMS0580-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	0.783
CRMS0581	CRMS0581-H01	10/1/2013 0:00	9/30/2020 23:00	0.18	GEOID12B	-0.365
CRMS0581	CRMS0581-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.18	GEOID12B	-0.064
CRMS0583	CRMS0583-H01	10/1/2013 0:00	9/30/2020 23:00	-1.04	GEOID12B	0.702
CRMS0583	CRMS0583-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-1.04	GEOID12B	0.0475
CRMS0584	CRMS0584-H03	10/1/2013 0:00	9/30/2020 23:00	-0.3	GEOID12B	0.094
CRMS0584	CRMS0584-H03	10/1/2020 0:00	Last reading in CIMS of G12A	-0.3	GEOID12B	0.239615385
CRMS0587	CRMS0587-H02	10/1/2013 0:00	9/30/2020 23:00	-0.38	GEOID12B	-0.515
CRMS0587	CRMS0587-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.38	GEOID12B	-0.239166667
CRMS0588	CRMS0588-H02	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	-0.0715
CRMS0588	CRMS0588-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.14	GEOID12B	0.383333333
CRMS0589	CRMS0589-H01	10/1/2013 0:00	9/30/2020 23:00	0.11	GEOID12B	-0.0605
CRMS0589	CRMS0589-H01	10/1/2020 0:00	12/27/2021 13:00	0.11	GEOID12B	0.2335
CRMS0589	CRMS0589-H01	12/27/2021 14:00	Last reading in CIMS of G12A	-0.195	GEOID12B	0.2335
CRMS0590	CRMS0590-H01	10/1/2013 0:00	9/30/2020 23:00	-0.39	GEOID12B	-0.382352941

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0590	CRMS0590-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.39	GEOID12B	-0.2115
CRMS0593	CRMS0593-H02	10/1/2013 0:00	9/30/2020 23:00	-0.41	GEOID12B	-0.151
CRMS0593	CRMS0593-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.41	GEOID12B	-0.097368421
CRMS0595	CRMS0595-H01	10/1/2013 0:00	9/30/2020 23:00	-0.42	GEOID12B	-0.271
CRMS0595	CRMS0595-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.42	GEOID12B	0.091
CRMS0599	CRMS0599-H02	10/1/2013 0:00	9/30/2020 23:00	-0.56	GEOID12B	0.382
CRMS0599	CRMS0599-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.56	GEOID12B	0.503
CRMS0600	CRMS0600-H01	10/1/2013 0:00	9/30/2020 23:00	-0.49	GEOID12B	0.8245
CRMS0600	CRMS0600-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.49	GEOID12B	1.9725
CRMS0603	CRMS0603-H01	10/1/2013 0:00	9/30/2020 23:00	0	GEOID12B	-0.193181818
CRMS0603	CRMS0603-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0	GEOID12B	0.360833333
CRMS0604	CRMS0604-H02	10/1/2013 0:00	9/30/2020 23:00	0.12	GEOID12B	-0.2655
CRMS0604	CRMS0604-H02	10/1/2020 0:00	Last reading in CIMS of G12A	0.12	GEOID12B	-0.137
CRMS0605	CRMS0605-H02	10/1/2013 0:00	9/30/2020 23:00	-0.91	GEOID12B	0.0575
CRMS0605	CRMS0605-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.91	GEOID12B	0.414375
CRMS0608	CRMS0608-H01	10/1/2013 0:00	9/30/2020 23:00	-0.43	GEOID12B	-0.028
CRMS0608	CRMS0608-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.43	GEOID12B	0.453181818
CRMS0609	CRMS0609-H01	10/1/2013 0:00	9/30/2020 23:00	-0.45	GEOID12B	0.485
CRMS0609	CRMS0609-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.45	GEOID12B	0.74025
CRMS0610	CRMS0610-H01	10/1/2013 0:00	9/30/2020 23:00	-0.53	GEOID12B	0.6795
CRMS0610	CRMS0610-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.53	GEOID12B	0.893
CRMS0614	CRMS0614-H01	10/1/2013 0:00	9/30/2020 23:00	-0.5	GEOID12B	0.317
CRMS0614	CRMS0614-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.5	GEOID12B	0.157
CRMS0615	CRMS0615-H01	10/1/2013 0:00	9/30/2020 23:00	-0.27	GEOID12B	-0.425
CRMS0615	CRMS0615-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.27	GEOID12B	-0.395
CRMS0616	CRMS0616-H01	10/1/2013 0:00	9/30/2020 23:00	-0.52	GEOID12B	0.2545
CRMS0616	CRMS0616-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.52	GEOID12B	0.717727273
CRMS0618	CRMS0618-H01	10/1/2013 0:00	9/30/2020 23:00	-0.69	GEOID12B	0.4575
CRMS0618	CRMS0618-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.69	GEOID12B	0.7205
CRMS0619	CRMS0619-H01	10/1/2013 0:00	9/30/2020 23:00	-0.32	GEOID12B	0.26525
CRMS0619	CRMS0619-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.32	GEOID12B	0.9985
CRMS0622	CRMS0622-H01	10/1/2013 0:00	9/30/2020 23:00	0.15	GEOID12B	0.023
CRMS0622	CRMS0622-H01	10/1/2020 0:00	10/5/2020 23:00	0.15	GEOID12B	0.1675
CRMS0622	CRMS0622-H01	10/6/2020 0:00	Last reading in CIMS of G12A		GEOID12B	0.1675
CRMS0623	CRMS0623-H01	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	0.45675
CRMS0623	CRMS0623-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	0.6355
CRMS0624	CRMS0624-H02	10/1/2013 0:00	9/30/2020 23:00	-0.26	GEOID12B	-0.061
CRMS0624	CRMS0624-H02	10/1/2020 0:00	10/27/2022 13:00	-0.26	GEOID12B	-0.047894737
CRMS0624	CRMS0624-H02	10/27/2022 14:00	Last reading in CIMS of G12A	-0.39	GEOID12B	-0.047894737
CRMS0626	CRMS0626-H01	10/1/2013 0:00	9/30/2020 23:00	-0.48	GEOID12B	0.246
CRMS0626	CRMS0626-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.48	GEOID12B	0.374
CRMS0630	CRMS0630-H02	10/1/2013 0:00	9/30/2020 23:00	0.07	GEOID12B	0.5335
CRMS0630	CRMS0630-H02	10/1/2020 0:00	Last reading in CIMS of G12A	0.07	GEOID12B	0.707435897
CRMS0632	CRMS0632-H02	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	0.0815
CRMS0632	CRMS0632-H02	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	0.2275
CRMS0633	CRMS0633-H01	10/1/2013 0:00	9/30/2020 23:00	-0.2	GEOID12B	0.42925
CRMS0633	CRMS0633-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.2	GEOID12B	0.725
CRMS0635	CRMS0635-H02	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	0.3815
CRMS0635	CRMS0635-H02	10/1/2020 0:00	10/5/2022 10:00	-0.14	GEOID12B	0.676
CRMS0635	CRMS0635-H02	10/5/2022 11:00	Last reading in CIMS of G12A	-0.091	GEOID12B	0.676
CRMS0638	CRMS0638-H01	10/1/2013 0:00	9/30/2020 23:00	-0.56	GEOID12B	0.183
CRMS0638	CRMS0638-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.56	GEOID12B	0.530882353
CRMS0639	CRMS0639-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	0.516
CRMS0639	CRMS0639-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	0.861666667
CRMS0641	CRMS0641-H01	10/1/2013 0:00	9/30/2020 23:00	-0.47	GEOID12B	0.852
CRMS0641	CRMS0641-H01	10/1/2020 0:00	10/5/2022 11:00	-0.47	GEOID12B	1.114
CRMS0641	CRMS0641-H02	10/5/2022 12:00	Last reading in CIMS of G12A	-0.005	GEOID12B	1.114
CRMS0642	CRMS0642-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.824
CRMS0642	CRMS0642-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.486
CRMS0644	CRMS0644-H01	10/1/2013 0:00	9/30/2020 23:00	-0.44	GEOID12B	-0.0225
CRMS0644	CRMS0644-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.44	GEOID12B	-0.155
CRMS0645	CRMS0645-H01	10/1/2013 0:00	9/30/2020 23:00	-0.37	GEOID12B	0.059055556
CRMS0645	CRMS0645-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.37	GEOID12B	0.550722222
CRMS0647	CRMS0647-H01	10/1/2013 0:00	9/30/2020 23:00	-0.3	GEOID12B	0.264833333
CRMS0647	CRMS0647-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.3	GEOID12B	0.854083333
CRMS0648	CRMS0648-H01	10/1/2013 0:00	9/30/2020 23:00	-0.65	GEOID12B	-0.1505

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS0648	CRMS0648-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.65	GEOID12B	0.282
CRMS0650	CRMS0650-H01	10/1/2013 0:00	9/30/2020 23:00	-0.19	GEOID12B	0.0825
CRMS0650	CRMS0650-H01	10/1/2020 0:00	12/2/2021 10:00	-0.19	GEOID12B	0.0955
CRMS0650	CRMS0650-H01	12/2/2021 11:00	Last reading in CIMS of G12A	-0.1445	GEOID12B	0.0955
CRMS0651	CRMS0651-H01	10/1/2013 0:00	9/30/2020 23:00	-0.45	GEOID12B	0.525
CRMS0651	CRMS0651-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.45	GEOID12B	0.6315
CRMS0655	CRMS0655-H01	10/1/2013 0:00	9/30/2020 23:00	-0.0855	GEOID12B	0.1295
CRMS0655	CRMS0655-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.06	GEOID12B	0.2595625
CRMS0656	CRMS0656-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	0.7635
CRMS0656	CRMS0656-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.996363636
CRMS0658	CRMS0658-H01	10/1/2013 0:00	9/30/2020 23:00	-0.42	GEOID12B	0.4965
CRMS0658	CRMS0658-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.42	GEOID12B	0.73375
CRMS0660	CRMS0660-H01	10/1/2013 0:00	9/30/2020 23:00	-0.54	GEOID12B	0.67675
CRMS0660	CRMS0660-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.54	GEOID12B	0.6585
CRMS0661	CRMS0661-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	0.353473684
CRMS0661	CRMS0661-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	1.006358974
CRMS0662	CRMS0662-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	0.55385
CRMS0662	CRMS0662-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	0.8155
CRMS0663	CRMS0663-H01	10/1/2013 0:00	9/30/2020 23:00	-0.24	GEOID12B	0.433
CRMS0663	CRMS0663-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.24	GEOID12B	0.81
CRMS0665	CRMS0665-H01	10/1/2013 0:00	9/30/2020 23:00	0.1	GEOID12B	0.151
CRMS0665	CRMS0665-H01	10/1/2020 0:00	10/11/2022 13:00	0.1	GEOID12B	-0.136611111
CRMS0665	CRMS0665-H02	10/11/2022 14:00	Last reading in CIMS of G12A		GEOID12B	-0.136611111
CRMS0669	CRMS0669-H01	10/1/2013 0:00	9/30/2020 23:00	0.02	GEOID12B	0.899444444
CRMS0669	CRMS0669-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.02	GEOID12B	0.467
CRMS0672	CRMS0672-H01	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	0.1585
CRMS0672	CRMS0672-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.1495
CRMS0677	CRMS0677-H01	10/1/2013 0:00	9/30/2020 23:00	-0.53	GEOID12B	0.331
CRMS0677	CRMS0677-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.53	GEOID12B	0.457
CRMS0680	CRMS0680-H01	10/1/2013 0:00	9/30/2020 23:00	-0.21	GEOID12B	0.5705
CRMS0680	CRMS0680-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.21	GEOID12B	0.634
CRMS0682	CRMS0682-H01	10/1/2013 0:00	9/30/2020 23:00	-0.31	GEOID12B	0.372
CRMS0682	CRMS0682-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.31	GEOID12B	0.4935
CRMS0683	CRMS0683-H01	10/1/2013 0:00	9/30/2020 23:00	-0.43	GEOID12B	0.6465
CRMS0683	CRMS0683-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.43	GEOID12B	0.690111111
CRMS0684	CRMS0684-H01	10/1/2013 0:00	9/30/2020 23:00	0.18	GEOID12B	0.5115
CRMS0684	CRMS0684-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.18	GEOID12B	0.84025
CRMS0685	CRMS0685-H01	10/1/2013 0:00	9/30/2020 23:00	-0.24	GEOID12B	0.776
CRMS0685	CRMS0685-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.24	GEOID12B	1.017333333
CRMS0687	CRMS0687-H01	10/1/2013 0:00	9/30/2020 23:00	0.14	GEOID12B	0.655
CRMS0687	CRMS0687-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.14	GEOID12B	0.7135
CRMS0691	CRMS0691-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	-0.207
CRMS0691	CRMS0691-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	-0.05
CRMS0693	CRMS0693-H01	10/1/2013 0:00	9/30/2020 23:00	-0.46	GEOID12B	0.2755
CRMS0693	CRMS0693-H01	10/1/2020 0:00	10/11/2022 11:00	-0.46	GEOID12B	-0.015
CRMS0693	CRMS0693-H02	10/11/2022 12:00	Last reading in CIMS of G12A		GEOID12B	-0.015
CRMS0694	CRMS0694-H01	10/1/2013 0:00	10/14/2014 7:00	-0.4	GEOID12B	0.3825
CRMS0694	CRMS0694-H02	10/14/2014 8:00	9/30/2020 23:00	-0.4	GEOID12B	0.3825
CRMS0694	CRMS0694-H02	10/1/2020 0:00	10/11/2022 8:00	-0.4	GEOID12B	0.81
CRMS0694	CRMS0694-H03	10/11/2022 0:00	Last reading in CIMS of G12A	-0.4125	GEOID12B	0.81
CRMS0697	CRMS0697-H01	10/1/2013 0:00	9/30/2020 23:00	-0.45	GEOID12B	0.6935
CRMS0697	CRMS0697-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.45	GEOID12B	0.989
CRMS0978	CRMS0978-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.125583333
CRMS0978	CRMS0978-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.46
CRMS1024	CRMS1024-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.5295
CRMS1024	CRMS1024-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.884
CRMS1069	CRMS1069-H01	10/1/2013 0:00	9/30/2020 23:00	-0.15	GEOID12B	0.723
CRMS1069	CRMS1069-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.15	GEOID12B	0.748
CRMS1100	CRMS1100-H01	10/1/2013 0:00	9/30/2020 23:00	-0.38	GEOID12B	0.51025
CRMS1100	CRMS1100-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.38	GEOID12B	0.9515
CRMS1130	CRMS1130-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	-0.0055
CRMS1130	CRMS1130-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	-0.7045
CRMS1205	CRMS1205-H01	10/1/2013 0:00	9/30/2020 23:00	-0.14	GEOID12B	0.355642857
CRMS1205	CRMS1205-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.14	GEOID12B	0.443
CRMS1277	CRMS1277-H01	10/1/2013 0:00	9/30/2020 23:00	0.18	GEOID12B	0.208
CRMS1277	CRMS1277-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.18	GEOID12B	0.2945

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS1409	CRMS1409-H01	10/1/2013 0:00	10/17/2019 8:00	-0.065	GEOID12B	0.1845
CRMS1409	CRMS1409-H0X	10/1/2019 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.1845
CRMS1409	CRMS1409-H0X	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.0345
CRMS1413	CRMS1413-H01	10/1/2013 0:00	9/30/2020 23:00	-0.28	GEOID12B	0.1245
CRMS1413	CRMS1413-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.28	GEOID12B	0.508666667
CRMS1446	CRMS1446-H01	10/1/2013 0:00	11/5/2019 10:00	-0.49	GEOID12B	-0.1385
CRMS1446	CRMS1446-H0X	10/1/2019 0:00	9/30/2020 23:00	-0.39	GEOID12B	-0.1385
CRMS1446	CRMS1446-H0X	10/1/2020 0:00	Last reading in CIMS of G12A	-0.39	GEOID12B	0.3075
CRMS1650	CRMS1650-H01	10/1/2013 0:00	9/30/2020 23:00	0.13	GEOID12B	1.118
CRMS1650	CRMS1650-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.13	GEOID12B	1.813
CRMS1738	CRMS1738-H01	10/1/2013 0:00	9/30/2020 23:00	-0.43	GEOID12B	0.1835
CRMS1738	CRMS1738-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.43	GEOID12B	0.4365
CRMS1743	CRMS1743-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.4875
CRMS1743	CRMS1743-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.517333333
CRMS1838	CRMS1838-H01	10/1/2013 0:00	9/30/2020 23:00	-0.23	GEOID12B	-0.114
CRMS1838	CRMS1838-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.23	GEOID12B	0.107666667
CRMS1858	CRMS1858-H01	10/1/2013 0:00	9/30/2020 23:00	-0.19	GEOID12B	0.318833333
CRMS1858	CRMS1858-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.19	GEOID12B	0.3065
CRMS1965	CRMS1965-H02	10/1/2013 0:00	9/30/2020 23:00	0.17	GEOID12B	0.333
CRMS1965	CRMS1965-H02	10/1/2020 0:00	Last reading in CIMS of G12A	0.17	GEOID12B	0.550277778
CRMS2041	CRMS2041-H01	10/1/2013 0:00	9/30/2020 23:00	-0.17	GEOID12B	1.27
CRMS2041	CRMS2041-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.17	GEOID12B	1.355
CRMS2154	CRMS2154-H01	10/1/2013 0:00	10/31/2019 10:00	-0.189	GEOID12B	0.37425
CRMS2154	CRMS2154-H0X	10/1/2019 0:00	9/30/2020 23:00	-0.16	GEOID12B	0.37425
CRMS2154	CRMS2154-H0X	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	0.854214286
CRMS2156	CRMS2156-H01	10/1/2013 0:00	10/31/2019 10:00	-0.069	GEOID12B	0.654
CRMS2156	CRMS2156-H0X	10/1/2019 0:00	9/30/2020 23:00	0.02	GEOID12B	0.654
CRMS2156	CRMS2156-H0X	10/1/2020 0:00	Last reading in CIMS of G12A	0.02	GEOID12B	0.900090909
CRMS2166	CRMS2166-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	-0.1975
CRMS2166	CRMS2166-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	0.22
CRMS2189	CRMS2189-H02	10/1/2013 0:00	9/30/2020 23:00	-0.27	GEOID12B	0.313416667
CRMS2189	CRMS2189-H02	10/1/2020 0:00	9/21/2021 9:00	-0.27	GEOID12B	0.7945
CRMS2189	CRMS2189-H02	9/21/2021 10:00	Last reading in CIMS of G12A	-0.373333333	GEOID12B	0.7945
CRMS2219	CRMS2219-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	0.636
CRMS2219	CRMS2219-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.04	GEOID12B	1.186
CRMS2334	CRMS2334-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.54125
CRMS2334	CRMS2334-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	1.06575
CRMS2418	CRMS2418-H01	10/1/2013 0:00	9/30/2020 23:00	0.04	GEOID12B	0.283
CRMS2418	CRMS2418-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.04	GEOID12B	0.932
CRMS2493	CRMS2493-H01	10/1/2013 0:00	9/30/2020 23:00	-0.13	GEOID12B	0.2975
CRMS2493	CRMS2493-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	0.5345
CRMS2568	CRMS2568-H01	10/1/2013 0:00	9/30/2020 23:00	0.13	GEOID12B	0.953
CRMS2568	CRMS2568-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.13	GEOID12B	1.456
CRMS2608	CRMS2608-H01	10/1/2013 0:00	9/30/2020 23:00	-0.39	GEOID12B	0.315
CRMS2608	CRMS2608-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.39	GEOID12B	0.905
CRMS2614	CRMS2614-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.0905
CRMS2614	CRMS2614-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.5245
CRMS2627	CRMS2627-H01	10/1/2013 0:00	9/30/2020 23:00	-0.79	GEOID12B	-0.6665
CRMS2627	CRMS2627-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.79	GEOID12B	0.7735
CRMS2634	CRMS2634-H01	10/1/2013 0:00	9/30/2020 23:00	-0.33	GEOID12B	0.1805
CRMS2634	CRMS2634-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.33	GEOID12B	1.2085
CRMS2785	CRMS2785-H01	???	Last reading in CIMS of G12A		GEOID12B	Floating Marsh
CRMS2825	CRMS2825-H01	10/1/2013 0:00	9/30/2020 23:00	-0.27	GEOID12B	-0.6
CRMS2825	CRMS2825-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.27	GEOID12B	0.27525
CRMS2830	CRMS2830-H01	10/1/2013 0:00	9/30/2020 23:00	0.08	GEOID12B	0.95925
CRMS2830	CRMS2830-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.08	GEOID12B	1.057777778
CRMS2854	CRMS2854-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.7605
CRMS2854	CRMS2854-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.7705
CRMS2862	CRMS2862-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.16	GEOID12B	Floating Marsh
CRMS2881	CRMS2881-H01	10/1/2013 0:00	1/29/2020 11:00	-0.05	GEOID12B	Floating Marsh
CRMS2881	CRMS2881-H0X	10/1/2019 0:00	9/30/2020 23:00	0.06	GEOID12B	Floating Marsh
CRMS2881	CRMS2881-H0X	10/1/2020 0:00	Last reading in CIMS of G12A	0.06	GEOID12B	Floating Marsh
CRMS2887	CRMS2887-H01	10/1/2013 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	Floating Marsh
CRMS2939	CRMS2939-H01	10/1/2013 0:00	10/1/2021 11:00		GEOID12B	Floating Marsh
CRMS2939	CRMS2939-H01	10/1/2021 12:00	Last reading in CIMS of G12A		GEOID12B	Floating Marsh
CRMS2991	CRMS2991-W01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.35	GEOID12B	Floating Marsh

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS3054	CRMS3054-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.621
CRMS3054	CRMS3054-H01	10/1/2020 0:00	10/7/2021 11:00	-0.01	GEOID12B	0.949
CRMS3054	CRMS3054-H01	10/7/2021 12:00	Last reading in CIMS of G12A	0	GEOID12B	0.949
CRMS3136	CRMS3136-H01	10/1/2013 0:00	9/30/2020 23:00	-0.01	GEOID12B	0.7535
CRMS3136	CRMS3136-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.89
CRMS3166	CRMS3166-H01	10/1/2013 0:00	9/30/2020 23:00	0.04	GEOID12B	Floating Marsh
CRMS3166	CRMS3166-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.04	GEOID12B	1.1025
CRMS3169	CRMS3169-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	Floating Marsh
CRMS3169	CRMS3169-H01	10/1/2020 0:00	10/4/2021 9:00	0.05	GEOID12B	1.346578947
CRMS3169	CRMS3169-H01	10/4/2021 10:00	Last reading in CIMS of G12A	0	GEOID12B	1.346578947
CRMS3296	CRMS3296-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	0.383333333
CRMS3296	CRMS3296-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.04	GEOID12B	0.785
CRMS3565	CRMS3565-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.389166667
CRMS3565	CRMS3565-H01	10/1/2020 0:00	10/13/2021 10:00	-0.05	GEOID12B	0.841
CRMS3565	CRMS3565-H01	10/13/2021 11:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.841
CRMS3601	CRMS3601-H01	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	0.449
CRMS3601	CRMS3601-H01	10/1/2020 0:00	9/20/2021 13:00	-0.02	GEOID12B	1.0415
CRMS3601	CRMS3601-H01	9/20/2021 14:00	Last reading in CIMS of G12A	0.01	GEOID12B	1.0415
CRMS3617	CRMS3617-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	0.50025
CRMS3617	CRMS3617-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	0.7815
CRMS3626	CRMS3626-H01	10/1/2013 0:00	9/30/2020 23:00	0.15	GEOID12B	0.52375
CRMS3626	CRMS3626-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.15	GEOID12B	0.81675
CRMS3639	CRMS3639-H01	10/1/2013 0:00	9/30/2020 23:00	-0.23	GEOID12B	0.851
CRMS3639	CRMS3639-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.23	GEOID12B	0.862
CRMS3641	CRMS3641-H01	10/1/2013 0:00	9/30/2020 23:00	-0.3	GEOID12B	0.57
CRMS3641	CRMS3641-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.3	GEOID12B	0.524
CRMS3650	CRMS3650-H01	10/1/2013 0:00	9/30/2020 23:00	0.03	GEOID12B	0.604
CRMS3650	CRMS3650-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.03	GEOID12B	0.773157895
CRMS3664	CRMS3664-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.46625
CRMS3664	CRMS3664-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.32425
CRMS3667	CRMS3667-H02	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	1.75125
CRMS3667	CRMS3667-H02	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	1.215555556
CRMS3680	CRMS3680-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.52
CRMS3680	CRMS3680-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.5553125
CRMS3784	CRMS3784-H01	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	0.39125
CRMS3784	CRMS3784-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.02	GEOID12B	0.5615
CRMS3800	CRMS3800-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	-0.23075
CRMS3800	CRMS3800-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.08	GEOID12B	-0.24925
CRMS3913	CRMS3913-H01	10/1/2013 0:00	9/30/2020 23:00	0.03	GEOID12B	0.8275
CRMS3913	CRMS3913-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.03	GEOID12B	1.0415
CRMS3985	CRMS3985-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	0.479
CRMS3985	CRMS3985-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	1.356111111
CRMS4014	CRMS4014-H01	10/1/2013 0:00	9/30/2020 23:00	-0.12	GEOID12B	1.314
CRMS4014	CRMS4014-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.12	GEOID12B	1.607
CRMS4016	CRMS4016-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	1.168
CRMS4016	CRMS4016-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	1.487
CRMS4045	CRMS4045-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.795
CRMS4045	CRMS4045-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.7385
CRMS4094	CRMS4094-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.704
CRMS4094	CRMS4094-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	1.3115
CRMS4103	CRMS4103-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	0.941
CRMS4103	CRMS4103-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	0.978
CRMS4107	CRMS4107-H01	10/1/2013 0:00	9/30/2020 23:00	-0.19	GEOID12B	-0.13175
CRMS4107	CRMS4107-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.19	GEOID12B	-0.4955
CRMS4110	CRMS4110-H01	10/1/2013 0:00	9/30/2020 23:00	-0.16	GEOID12B	1.3125
CRMS4110	CRMS4110-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.16	GEOID12B	1.4705
CRMS4218	CRMS4218-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	0.6355
CRMS4218	CRMS4218-H01	10/1/2020 0:00	10/21/2021 10:00	-0.08	GEOID12B	0.5065
CRMS4218	CRMS4218-H01	10/21/2021 11:00	Last reading in CIMS of G12A	-0.01	GEOID12B	0.5065
CRMS4245	CRMS4245-H01	10/1/2013 0:00	9/30/2020 23:00	0.1	GEOID12B	Floating Marsh
CRMS4245	CRMS4245-H01	10/1/2020 0:00	10/21/2021 10:00	0.1	GEOID12B	1.0855
CRMS4245	CRMS4245-H01	10/21/2021 11:00	Last reading in CIMS of G12A	0.06	GEOID12B	1.0855
CRMS4355	CRMS4355-H01	10/1/2013 0:00	9/30/2020 23:00	-0.29	GEOID12B	Floating Marsh
CRMS4355	CRMS4355-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.29	GEOID12B	1.164545455
CRMS4406	CRMS4406-H01	10/1/2013 0:00	9/30/2020 23:00	-0.17	GEOID12B	0.4505
CRMS4406	CRMS4406-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.17	GEOID12B	0.6315

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS4407	CRMS4407-H01	10/1/2013 0:00	9/30/2020 23:00	-0.09	GEOID12B	0.65575
CRMS4407	CRMS4407-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.09	GEOID12B	0.83
CRMS4448	CRMS4448-H01	10/1/2013 0:00	9/30/2020 23:00	-0.53	GEOID12B	-0.842
CRMS4448	CRMS4448-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.53	GEOID12B	-0.119444444
CRMS4455	CRMS4455-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	0.444
CRMS4455	CRMS4455-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.08	GEOID12B	0.657
CRMS4529	CRMS4529-H01	10/1/2013 0:00	9/30/2020 23:00	-0.21	GEOID12B	0.3225
CRMS4529	CRMS4529-H01	10/1/2020 0:00	10/19/2021 9:00	-0.21	GEOID12B	0.535
CRMS4529	CRMS4529-H01	10/19/2021 10:00	Last reading in CIMS of G12A	-0.17	GEOID12B	0.535
CRMS4548	CRMS4548	10/1/2013 0:00	9/30/2020 23:00	-0.15	GEOID12B	0.37
CRMS4548	CRMS4548	10/1/2020 0:00	Last reading in CIMS of G12A	-0.15	GEOID12B	0.568
CRMS4551	CRMS4551-H01	10/1/2013 0:00	9/30/2020 23:00	-0.23	GEOID12B	0.1145
CRMS4551	CRMS4551-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.23	GEOID12B	0.429
CRMS4557	CRMS4557-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	0.283
CRMS4557	CRMS4557-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.67
CRMS4572	CRMS4572-H01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	0.71
CRMS4572	CRMS4572-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.05	GEOID12B	0.81
CRMS4596	CRMS4596-H01	10/1/2013 0:00	9/30/2020 23:00	-0.17	GEOID12B	0.429
CRMS4596	CRMS4596-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.17	GEOID12B	0.4505
CRMS4626	CRMS4626-H01	10/1/2013 0:00	9/30/2020 23:00	-0.4	GEOID12B	0.113
CRMS4626	CRMS4626-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.4	GEOID12B	0.4595
CRMS4690	CRMS4690-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.3725
CRMS4690	CRMS4690-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	0.6115
CRMS4779	CRMS4779-H01	10/1/2013 0:00	9/30/2020 23:00	0.22	GEOID12B	1.028888889
CRMS4779	CRMS4779-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.22	GEOID12B	1.176111111
CRMS4782	CRMS4782-H01	10/1/2013 0:00	9/30/2020 23:00	-0.32	GEOID12B	1.537388889
CRMS4782	CRMS4782-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.32	GEOID12B	1.867777778
CRMS4808	CRMS4808-H01	10/1/2013 0:00	9/30/2020 23:00	-0.07	GEOID12B	1.025111111
CRMS4808	CRMS4808-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.07	GEOID12B	1.61
CRMS4809	CRMS4809-H01	10/1/2013 0:00	9/30/2020 23:00	0.01	GEOID12B	1.104444444
CRMS4809	CRMS4809-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.01	GEOID12B	0.948888889
CRMS4900	CRMS4900-H01	10/1/2013 0:00	9/30/2020 23:00	-0.37	GEOID12B	1.084375
CRMS4900	CRMS4900-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.37	GEOID12B	1.545555556
CRMS4938	CRMS4938-H01	10/1/2013 0:00	9/30/2020 23:00	-0.33	GEOID12B	1.383333333
CRMS4938	CRMS4938-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.33	GEOID12B	1.813333333
CRMS5003	CRMS5003-H01	10/1/2013 0:00	9/30/2020 23:00	-0.22	GEOID12B	0.062777778
CRMS5003	CRMS5003-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.22	GEOID12B	1.623888889
CRMS5035	CRMS5035-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	-0.187055556
CRMS5035	CRMS5035-H01	10/1/2020 0:00	2/18/2022 13:00	-0.08	GEOID12B	0.861111111
CRMS5035	CRMS5035-H01	2/18/2022 14:00	Last reading in CIMS of G12A	-0.8315	GEOID12B	0.861111111
CRMS5116	CRMS5116-W01	10/1/2013 0:00	9/30/2020 23:00	-0.4	GEOID12B	1.21
CRMS5116	CRMS5116-W01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.4	GEOID12B	1.207777778
CRMS5167	CRMS5167-H01	10/1/2013 0:00	9/30/2020 23:00	-0.36	GEOID12B	0.067777778
CRMS5167	CRMS5167-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.36	GEOID12B	0.661666667
CRMS5255	CRMS5255-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.362222222
CRMS5255	CRMS5255-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.382222222
CRMS5267	CRMS5267-H01	10/1/2013 0:00	9/30/2020 23:00	-0.1	GEOID12B	0.344444444
CRMS5267	CRMS5267-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.1	GEOID12B	0.690555556
CRMS5373	CRMS5373-H01	10/1/2013 0:00	9/30/2020 23:00	-0.18	GEOID12B	0.09
CRMS5373	CRMS5373-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.18	GEOID12B	0.453333333
CRMS5414	CRMS5414-H01	10/1/2013 0:00	9/30/2020 23:00	-0.08	GEOID12B	0.046111111
CRMS5414	CRMS5414-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.08	GEOID12B	-0.05
CRMS5452	CRMS5452-H01	10/1/2013 0:00	9/30/2020 23:00	-0.11	GEOID12B	0.482222222
CRMS5452	CRMS5452-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.11	GEOID12B	0.881111111
CRMS5536	CRMS5536-H01	10/1/2013 0:00	9/30/2020 23:00	-0.25	GEOID12B	-0.182777778
CRMS5536	CRMS5536-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.25	GEOID12B	1.4
CRMS5672	CRMS5672-W01	10/1/2013 0:00	9/30/2020 23:00	-0.05	GEOID12B	-0.108888889
CRMS5672	CRMS5672-W01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.05	GEOID12B	-0.084117647
CRMS5770	CRMS5770-W01	10/1/2013 0:00	9/30/2020 23:00	0.04	GEOID12B	0.624814815
CRMS5770	CRMS5770-W01	10/1/2020 0:00	Last reading in CIMS of G12A	0.04	GEOID12B	0.838823529
CRMS5845	CRMS5845-H01	10/1/2013 0:00	9/30/2020 23:00	-0.22	GEOID12B	0.286666667
CRMS5845	CRMS5845-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.22	GEOID12B	0.817222222
CRMS5992	CRMS5992-H01	10/1/2013 0:00	Last reading in CIMS of G12A	-0.13	GEOID12B	Floating Marsh
CRMS6008	CRMS6008-H01	10/1/2013 0:00	9/30/2020 23:00	0.16	GEOID12B	-0.601111111
CRMS6008	CRMS6008-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.16	GEOID12B	Floating Marsh
CRMS6038	CRMS6038-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	1.828888889

Site	Station	From Date/Time	To Date/Time	Water Elevation Shift Factor	Geoid	Marsh Elevation
CRMS6038	CRMS6038-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	1.975
CRMS6042	CRMS6042-H01	10/1/2013 0:00	9/30/2020 23:00	-0.36	GEOID12B	1.461666667
CRMS6042	CRMS6042-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.36	GEOID12B	1.79
CRMS6088	CRMS6088-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	1.303888889
CRMS6088	CRMS6088-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.04	GEOID12B	1.454444444
CRMS6090	CRMS6090-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	1.22
CRMS6090	CRMS6090-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	1.383333333
CRMS6209	CRMS6209-H01	10/1/2013 0:00	9/30/2020 23:00	-0.03	GEOID12B	0.577222222
CRMS6209	CRMS6209-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.03	GEOID12B	0.61
CRMS6299	CRMS6299-H01	10/1/2013 0:00	9/30/2020 23:00	-0.04	GEOID12B	0.3285
CRMS6299	CRMS6299-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.04	GEOID12B	0.484
CRMS6301	CRMS6301-H01	10/1/2013 0:00	9/30/2020 23:00	0.05	GEOID12B	0.653
CRMS6301	CRMS6301-H01	10/1/2020 0:00	Last reading in CIMS of G12A	0.05	GEOID12B	0.574
CRMS6302	CRMS6302-H02	10/1/2013 0:00	9/30/2020 23:00	-0.015	GEOID12B	0.795
CRMS6302	CRMS6302-H02	10/1/2020 0:00	11/10/2020 10:00	-0.015	GEOID12B	0.8875
CRMS6302	CRMS6302-H02	11/10/2020 11:00	Last reading in CIMS of G12A	-0.365	GEOID12B	0.8875
CRMS6303	CRMS6303-H01	10/1/2013 0:00	9/30/2020 23:00	0.1675	GEOID12B	0.9435
CRMS6303	CRMS6303-H01	10/1/2020 0:00	9/28/2021 12:00	0.1675	GEOID12B	1.285
CRMS6303	CRMS6303-H01	9/28/2021 13:00	Last reading in CIMS of G12A		GEOID12B	1.285
CRMS6304	CRMS6304-H01	10/1/2013 0:00	9/30/2020 23:00	-0.02	GEOID12B	1.1395
CRMS6304	CRMS6304-H01	10/1/2020 0:00	Last reading in CIMS of G12A	-0.02	GEOID12B	1.296