

# CAU QC Report: NCRMP MARIAN 2022

The file used in this QC routine is: ESD\_NCRMP\_CAU\_2022\_MARIAN.csv

QC run at: 2023-09-26 11:31:47 HST

Number of CAUs in data file: 107

## Data extents and ranges

	Min	Max
LATITUDE	13.24121	20.03567
LONGITUDE	144.6259	145.8156
DEPLOYMENT_DATE	2017-05-03	2017-06-21
DEPLOYMENT_YEAR	2017	2017
RECOVERY_DATE	2022-04-12	2022-08-08
RECOVERY_YEAR	2022	2022
DAYS_IN_WATER	1767.582	1890.425
YEARS_IN_WATER	4.84	5.18
CALCIFICATION_RATE_BY_UNIT	0.013	0.242

## Check for NULLs in all fields

“No” signifies that no NULL data exist. “Yes” signifies that NULL values are present.

	NULLs?
REGION	No
REGION_NAME	No
LOCATION	No
REA_SITEID	No
OCC_SITEID	No
SERIALNUMBER	No
CAU_UNIT	No
CALCIFICATION_RATE_BY_UNIT	No
LATITUDE	No
LONGITUDE	No
DAYS_IN_WATER	No
YEARS_IN_WATER	No
DEPLOYMENT_MISSION	No
DEPLOYMENT_DATE	No
DEPLOYMENT_YEAR	No
RECOVERY_MISSION	No
RECOVERY_DATE	No

(continued)

	NULLs?
RECOVERY_YEAR	No

### Missions and number of CAUs associated with each island

LOCATION	DEPLOYMENT_MISSION	RECOVERY_MISSION	NO.UNITS
Asuncion	HA1701	RA2201_LEG7	11
Guam	HA1701	RA2201_LEG6	25
Guam	HA1701	RA2201_LEG3	25
Maug	HA1701	RA2201_LEG5	10
Pagan	HA1701	RA2201_LEG5	17
Pagan	HA1701	RA2201_LEG7	17
Rota	HA1701	RA2201_LEG3	10
Saipan	HA1701	RA2201_LEG3	15
Tinian	HA1701	RA2201_LEG3	19

### Dates and number of CAUs associated with each OCC site

LOCATION	REA_SITEID	DEPLOYMENT_DATE	RECOVERY_DATE	NO.UNITS.RECOVERED
Asuncion	ASC-04	2017-06-06	2022-07-23	4
Asuncion	ASC-06	2017-06-06	2022-07-23	4
Asuncion	ASC-20	2017-06-07	2022-07-24	3
Guam	GUA-12	2017-05-03	2022-07-06	3
Guam	GUA-13	2017-05-07	2022-04-30	5
Guam	GUA-20	2017-05-04	2022-04-12	5
Guam	GUA-21	2017-05-06	2022-04-18	3
Guam	GUA-22	2017-05-14	2022-05-01	5
Guam	GUA-23	2017-05-08	2022-04-17	4
Maug	MAU-05	2017-06-10	2022-06-24	5
Maug	MAU-12	2017-06-12	2022-06-22	2
Maug	MAU-20	2017-06-14	2022-06-22	3
Pagan	PAG-13	2017-05-31	2022-06-19	3
Pagan	PAG-20	2017-06-03	2022-07-21	5
Pagan	PAG-21	2017-06-01	2022-07-22	5
Pagan	PAG-22	2017-06-16	2022-08-08	4
Rota	ROT-03	2017-05-11	2022-04-16	5
Rota	ROT-05	2017-05-10	2022-04-15	5
Saipan	SAI-05	2017-06-19	2022-04-21	4
Saipan	SAI-20	2017-05-20	2022-04-24	2
Saipan	SAI-22	2017-06-21	2022-04-26	5
Saipan	SAI-23	2017-05-18	2022-04-22	4
Tinian	TIN-01	2017-05-17	2022-04-19	5
Tinian	TIN-02	2017-05-15	2022-04-20	5
Tinian	TIN-03	2017-05-15	2022-04-20	5
Tinian	TIN-06	2017-05-19	2022-04-19	4

CAU sites where data may be questionable.

LOCATION	REA_SITEID	CAU_UNIT	YEARS_IN_WATER	DATASTATUSID
Guam	GUA-12	GUA-12_2067	5.18	5
Guam	GUA-12	GUA-12_2121	5.18	5
Guam	GUA-12	GUA-12_2149	5.18	5
Guam	GUA-13	GUA-13_2103	4.98	5
Guam	GUA-13	GUA-13_2154	4.98	5
Guam	GUA-13	GUA-13_2169	4.98	5
Guam	GUA-13	GUA-13_2341	4.98	5
Guam	GUA-20	GUA-20_1914	4.94	5
Guam	GUA-20	GUA-20_1915	4.94	5
Guam	GUA-20	GUA-20_2137	4.94	5
Guam	GUA-20	GUA-20_2346	4.94	5
Guam	GUA-21	GUA-21_2152	4.95	5
Guam	GUA-21	GUA-21_2340	4.95	5
Guam	GUA-21	GUA-21_2395	4.95	5
Guam	GUA-23	GUA-23_1922	4.95	5
Guam	GUA-23	GUA-23_2128	4.95	5
Guam	GUA-23	GUA-23_2345	4.95	5

- 0 = good data,
- 1 = Inserted data,
- 2 = only one weight,
- 3 = weights were not <0.1 difference,
- 4 = Missing filter paper or paper tray start weights,
- 5 = Force Dried (weight difference between -0.15 and 0.15),
- 6 = Weight difference range between -0.2 and 0.2,
- 7 = Data only present for upper or lower plates (not both)

CAU data by island:

