

| Dataset_ID | Organization_Name | DataYear | GeographicArea | SurveyType | MethodOverview | % Coral Cover Data Type | | Bleaching Severity (Recorded Y/N) |
|------------|-----------------------------|----------|--|--------------------------|--|---|---|--------------------------------------|
| | | | | | | Live | Bleached | |
| DAR_01 | DAR Hawaii | 2019 | Hawaii | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage | Percentage - calculated using taxa level cover and bleaching data | Y |
| DAR_02 | DAR Oahu | 2019 | Oahu | Rapid Visual Assessments | Two to three observers 10m apart simultaneously conduct RVAs along a transect | Binned | Binned | N |
| DAR_03_1 | DAR Kauai | 2019 | Kauai | Rapid Visual Assessments | Five RVAs conducted at 10m intervals along a transect | Percentage | Percentage | N |
| DAR_03_2 | DAR Kauai | 2019 | Kauai | Rapid Visual Assessments | Five RVAs conducted at 10m intervals along a transect | Percentage | Percentage | N |
| DAR_04_1 | DAR Maui | 2019 | Maui | Rapid Visual Assessments | Two observers 10m apart simuntaneously conduct 2-5 RVAs every 10m along a transect | Percentage | Binned | N |
| DAR_04_2 | DAR Maui | 2019 | Maui | Rapid Visual Assessments | Two observers simultaneously conduct RVAs at the start and end of a 25m transect | Binned | Binned | N |
| DAR_04_3 | DAR Maui | 2019 | Maui | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage | Percentage | Y |
| ESD_01 | NOAA ESD | 2019 | Hawaii, Maui, Lanai, Oahu | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage | Percentage - calculated using taxa level cover and bleaching data | Y |
| ESD_02 | NOAA ESD | 2019 | Kure, Pearl & Hermes, Lisianski, French Frigate Shoals | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage | Percentage | Y (Note: only levels 1-3 recorded) |
| TNC_01 | TNC Hawaii | 2019 | Hawaii | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage | Percentage - calculated using taxa level cover and bleaching data | Y |
| SIO_01 | SIO | 2019 | Maui | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage - calculated using taxa level cover data | Percentage - calculated using taxa level cover and bleaching data | N |
| SIO_02 | SIO | 2019 | Maui | Retroactive RVAs | Visual assessment generated retroactively using photos and videos of survey area | Percentage - calculated using taxa level cover data | Percentage - calculated using taxa level cover and bleaching data | N |
| HIMB_01 | HIMB Coral Reef Ecology Lab | 2019 | Oahu | Rapid Visual Assessments | One observer conducts single RVA at a location | Percentage | Percentage - sum of percent bleached and percent paled | Y |

| Dataset_ID | Taxa Level Data Type | | | | Metadata | |
|------------|--|---|--------------------------------|------------------------|--|--|
| | Dominant Taxa Code | Dominant Taxa % Cover | Dominant Taxa % Bleached | Dominant Taxa Severity | Depth | Survey Coordinates |
| DAR_01 | Recorded per survey | Percentage recorded per survey | Percentage recorded per survey | Average | Recorded per survey | Recorded per survey |
| DAR_02 | Most dominant across all surveys per transect per observer | Not recorded | Not recorded | Not recorded | Average across all surveys per transect per observer | Recorded per survey |
| DAR_03_1 | Most dominant species along transect recorded | Not recorded | Not recorded | Not recorded | Average per transect recorded | Recorded per survey |
| DAR_03_2 | Most dominant species along transect recorded | Not recorded | Not recorded | Not recorded | Average per transect recorded | Recorded per survey |
| DAR_04_1 | Most dominant across all surveys per transect per observer | Percentage; recorded as average observed across all surveys per transect per observer | Not recorded | Not recorded | Average across all surveys per transect per observer | One waypoint taken per pair of observers 10m apart |
| DAR_04_2 | Recorded per survey | Percentage recorded per survey | Not recorded | Not recorded | Recorded per survey | Recorded at beginning of 25m transect |
| DAR_04_3 | Recorded per survey | Percentage recorded per survey | Not recorded | Not recorded | Recorded per survey | Recorded per survey |
| ESD_01 | Recorded per survey | Percentage recorded per survey | Percentage recorded per survey | Average and Maximum | Recorded per survey | Recorded per survey |
| ESD_02 | Recorded per survey | Not recorded | Not recorded | Not recorded | Recorded per survey | Recorded per survey |
| TNC_01 | Recorded per survey | Percentage recorded per survey | Percentage recorded per survey | Average and Maximum | Recorded per survey | Recorded per survey |
| SIO_01 | Recorded per survey | Percentage recorded per survey | Percentage recorded per survey | Average | Recorded per survey | Recorded per survey |
| SIO_02 | Recorded per survey | Percentage recorded per survey | Percentage recorded per survey | Average | Recorded per survey | Recorded per survey |
| HIMB_01 | Recorded per survey | Percentage recorded per survey | Not recorded | Not recorded | Recorded per survey | Recorded per survey |

| Dataset_ID | Area Surveyed m2 | Total Area Surveyed m2 | Supplier Of Dataset | Owner Of Record For Dataset | Data Authors | Method Name |
|-------------------|-------------------------|-------------------------------|----------------------------|------------------------------------|--|---|
| DAR_01 | 100 | 2700 | Lindsey Kramer | Lindsey Kramer | Courtney Couch, Lindsey Kramer | DAR Kona Bleaching Methods 2019.pdf |
| DAR_02 | 78.5 | 65861.5 | Kendall Tucker | Paul Murakawa | Trevor Johannsen, Wesley Dukes, Natalie Dunn, Kimberly Fuller, Daniel Lager, Kazuki Kageyama, Jake Reichard, Mia Melamed, Debra Ford, Anita Tsang, Hanalei Hoopai-Sylva, Cathrine Gewecke, Kirk Deitschman, Edward Kekoa | DAR Coral Bleaching Protocol 2019.pdf |
| DAR_03_1 | 250 | 5000 | Cameron Shayler | Cameron Shayler | Ka'ilikea Shayler, McKenna Allen, Heather Ylitalo-Ward, Kimberly Fuller | DAR Coral Bleaching Protocol 2019.pdf |
| DAR_03_2 | 393 | 98250 | Cameron Shayler | Cameron Shayler | Ka'ilikea Shayler, McKenna Allen, Heather Ylitalo-Ward, Kimberly Fuller | DAR Coral Bleaching Protocol 2019.pdf |
| DAR_04_1 | 78.5 | 4082 | Tatiana Martinez | Russell Sparks | Kristy Stone, Tatiana Martinez, Linda Castro, Cole Peralto, Russell Sparks, Dylan Simonson, Jessica Talbot, Adam Wong, Jeannine Rossa, Itana Silva | DAR Coral Bleaching Protocol 2019.pdf |
| DAR_04_2 | 78.5 | 15072 | | | | DAR Coral Bleaching Protocol 2019.pdf |
| DAR_04_3 | 78.5 | 16328 | | | | NOAA Coral Bleaching SOP 2019 |
| ESD_01 | 100-154 | 20874 | Morgan Winston | Morgan Winston | Ari Halperin, Brittany Huntington, Bernardo Vargas-Angel, Courtney Couch, Mollie Asbury, Morgan Winston, Rhonda Suka, Tom Oliver | NOAA Coral Bleaching SOP 2019 |
| ESD_02 | 154 | 7084 | | | | Ari Halperin, James Morioka, Joao Garriques, Hannah Barkley, Tate Wester, Noah Pomeroy, Morgan Winston, Kerry Reardon |
| TNC_01 | 100 | 9500 | Julia Rose | Eric Conklin | Courtney Couch, Julia Rose, Anita Tsang, Chelsie Counsell | NOAA Coral Bleaching SOP 2019 |
| SIO_01 | 100 | 400 | Brian Zgliczynski | Brian Zgliczynski | Samantha Clements, Orion McCarthy | NOAA Coral Bleaching SOP 2019 |
| SIO_02 | 100 | 100 | Brian Zgliczynski | Brian Zgliczynski | Samantha Clements, Orion McCarthy | NOAA Coral Bleaching SOP 2019 |
| HIMB_01 | 100 | 3500 | Kuulei Rodgers | Kuulei Rodgers | Kuulei Rodgers, Keisha Bahr | Bahr et al. 2015; Bahr et al. 2017 |