**Palau Climate Indicators –** Physical

Groupings for Assembly – Monitor (historical)

Atmosphere

Ocean

Sea Level

Temperature

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Biochemistry

Annual

1. Indicator: Ocean Acidification (**7.1**) …Oceanwatch

*Oceanic pH measured and calculated (monthly at Station ALOHA?)*

* 1. Area-wide Map over EEZ or sub-regions *…with or w/o stations*
  2. Area-wide Plots averaged over EEZ or sub-regions and/or Actual or Virtual Stations: *time series*
  3. *Summary Tables and Dials*
  4. *Text Summary*

1. Indicator: Chlorophyll Concentration (**7.2**) …Oceanwatch

*Chlorophyll-a concentration is estimated from satellite remotely sensed observations of ocean color* *using (1) NOAA’s CoralTemp sea surface temperature, and (2) the European Space Agency’s OC-CCI data*

1. Area-wide Map over EEZ or sub-regions *…with or w/o stations*
2. Areawide and/or Virtual Station Plots averaged over EEZ or sub-regions: *time series*
3. *Summary Tables and Dials*
4. *Text Summary*
5. Indicator: Estimated Phytoplankton Size (**7.3**) …Oceanwatch

*Estimated median phytoplankton size derived from satellite remotely sensed sea surface*

*temperature and chlorophyll-a concentration*

1. Area-wide Map over EEZ or sub-regions *…with or w/o stations*
2. Areawide and/or Virtual Station Plots averaged over EEZ or sub-regions: *time series*
3. *Summary Tables and Dials*
4. *Text Summary*
5. Indicator: other? (**7.4**) **?**