**Table 1. Cruise CTD/Bottle data sources**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Source** | **Location** | **CTD**  **(T, S, DO)** | **Bottle**  **(DO)** | **Bottle**  **(DIC, TA)** | **Bottle**  **(NO3)** | **Duration** | **Links** |
| Line P | Offshore water Vancouver Island |  |  |  |  | 1990-2019 | [link](https://github.com/Zhu-Yifan/LO_user/tree/master/obs/LineP) |
| WCOA | West Coast |  |  |  |  | 2007-2021 | [link](https://www.ncei.noaa.gov/access/ocean-carbon-acidification-data-system/oceans/Coastal/WCOA.html) |
| OCNMS | WA shelf |  | × | × | × | 2005-2023 | [link 1](https://zenodo.org/records/10466124) |
| 2004-2015 | [link 2](https://zenodo.org/records/11167853) |
| WOD (v2018) | West coast (zoom in) |  |  |  |  | 1990-2018 | [link](https://www.ncei.noaa.gov/products/world-ocean-database) |
| ECOHAB\_PNW | WA + OR shelf |  | × | × |  | 2003-2006 | [link](https://www.bco-dmo.org/project/2094) |
| RISE | WA + OR shelf |  | × | × |  | 2004-2006 | [link](https://www.bco-dmo.org/project/2095) |
| NHL | Oregen |  | × | × | × | 1997-2021 | [link](https://zenodo.org/records/5814071) |
| WOAC | Salish Sea |  |  |  |  | 2008-2018 | [link](https://www.ncei.noaa.gov/access/ocean-carbon-acidification-data-system/oceans/SalishCruise_DataPackage.html) |

**Table 2.** Mooring list

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Affiliation** | **Link** | **Mooring Name** | **State** | **Location** | **Type** | **Parameters** | **Duration** |
| OCNMS | [link](https://olympiccoast.noaa.gov/science/oceanographic-moorings/data.html) (not compiled)  email craig.risien@oregonstate.edu  for a compiled version | Makah Bay (MB15, MB42) | WA | inshore | surface/bottom | T, S, DO (bottom) | 2006 -2023 |
| Cape Alava (CA15, CA42, CA65, CA100) | WA | inshore | surface/bottom | T, S, DO (bottom) |
| Teahwhit Head (TH15, TH42) | WA | inshore | surface/bottom | T, S, DO (bottom) |
| Kalaloch (KL15, KL27) | WA | inshore | surface/bottom | T, S, DO (bottom) |
| Cape Elizabeth (CE15, CE42, CE65) | WA | inshore | surface/bottom | T, S, DO (bottom) |
| OOI | [link](https://erddap.dataexplorer.oceanobservatories.org/erddap/files/) (not compiled, not QAQC’d) | CE01ISSM | OR | inshore | surface/bottom | T, S, DO, NO3, pH, *p*CO2 | 2015 -2023 |
| email Christopher Wingard  chris.wingard@oregonstate.edu | CE02SHSM | OR | shelf | surface only | T, S, DO, NO3, pH, *p*CO2 |
|  | CE04OSSM | OR | offshore | surface only | T, S, DO, NO3, pH, *p*CO2 |
| for a QAQC’d version | CE06ISSM | WA | inshore | surface/bottom | T, S, DO, NO3, pH, *p*CO2 |
|  | CE07SHSM | WA | shelf | surface/bottom | T, S, DO, NO3, pH, *p*CO2 |
|  | CE09OSSM | WA | offshore | surface/bottom | T, S, DO, NO3, pH, *p*CO2 |