



# Inventorying the West Coast: Illuminating regional OAH Capacity

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# West Coast OAH Monitoring Inventory

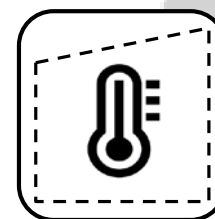
- ◆ Joint PCC/IWG-OA project to help identify monitoring priorities
- ◆ Identify the existing OAH monitoring backbone
- ◆ Inform the design of a West Coast integrated monitoring network
  - ◆ Gap identification
  - ◆ Information synthesis

Category/Location		Depth (If known, specify depth within range)										Daily		Weekly			
Surface Underway		Glider		Remote sensing		Surface	>surface -5 m	6-15 m	16-30 m	31-60 m	61-100 m	deep (100+ m)	Full water column				
Start Lat, Lon	End Lat, Lon	Start Lat, Lon	End Lat, Lon	Lat	Lon												
OAH Parameters (If not measured, insert NA.)																	
Water sample														In situ sensor		Temperature	
pCO2 sw	pCO2 air	pH	TA	DIC	Carbonate Ion	DO	pCO2sw	pH	DIC	DO							
What other non-biological data being measured at this data site? If so, what?						What biological data collected at this site? * Please also fill in biology C											
Salinity	Pressure	Turbidity	DOC	Other (please describe)	Chlorophyll	Nutrients											
						Nitrate	Ammonium	Phosphate	Silicate	Iron	Cytoplankton	Cooplankton	Shellfish				
x	x				x	x	x	x		x							
What biological data collected at this site? * Please also fill in biology details tab						Measurement technique/method		Instrument type(s) (Model and model number)		QA/QC Procedure?		Measurement					
Nutrients						Cytoplankton	Cooplankton	Shellfish	Fish	Coral	Seagrass	Kelp	Other				
Nitrate	Ammonium	Phosphate	Silicate	Iron													
x	x	x															
x	x	x															
x	x	x															
x	x	x															
x	x	x															
Monitoring Duration (MM/YY)						Are data easily accessible/ publicly hosted? If so, where?				How is this data collection being funded?							
Measurement period		Start date		End date or ongoing?													
1996-Present		1996		ongoing						Annual funding sources							
1996-Present		1996		ongoing						Annual funding sources							
1996-Present		1996		ongoing						Annual funding sources							
1996-Present		1996		ongoing						Annual funding sources							
1996-Present		1996		ongoing						Annual funding sources							

# OAH Monitoring Inventory

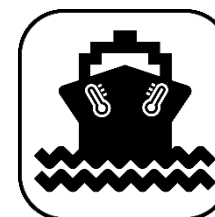
## West Coast Summary

- 3598 line items (points or individual assets)
  - 2085 from **state or federal agencies**
  - 1369 from **academic researchers**
  - 11 from **tribal programs**
  - 116 from **non-profit organizations**
  - 6 from **industry partners**
- 174 different **projects**
  - 94 **researchers** across 93 institutions
- 1798 line items looking at both **physical** and **biological**
- 1474 line items focused solely on **biological** research
- 319 line items focused solely on **physical/chemical** research
- 220 assets or projects that are actively recording *in situ* measurements
- 37 assets actively able to **inform OAH conditions**



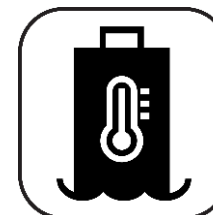
14  
Survey Areas

69  
Shore-Side  
Sensors



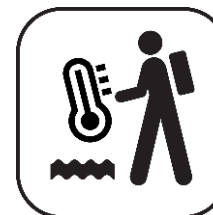
27  
Cruises  
&  
Glider

150  
Mooring



1631  
Cruise  
Stations

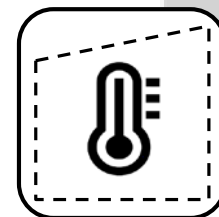
1712  
Sample  
Sites



# OAH Monitoring Inventory

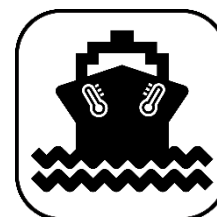
## Oregon Coast Summary

- 572 line items (points or individual assets)
  - 493 from **state or federal agencies**
  - 70 from **academic researchers**
  - 15 from **tribal programs**
  - 2 from **industry partners**
- 90 different **projects**
  - 36 **researchers** across 24 institutions
- 219 line items looking at both **physical** and **biological**
- 297 line items focused solely on **biological** research
- 62 line items focused solely on **physical/chemical** research
- 84 assets or projects that are actively recording *in situ* measurements
- 17 assets actively able to **inform OAH conditions**



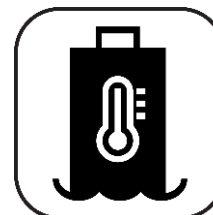
6  
Survey Areas

14  
Shore-Side  
Sensors



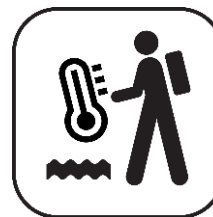
12  
Cruises  
&  
Glider

58  
Moorings



148  
Cruise  
Stations

341  
Sample  
Sites





# West Coast OAH Inventory

West Coast  
OAH Monitoring  
Inventory

[Web Map](#)

[Web App](#)

