

Information about individual SPURS-2 datasets. “Revelle-1”/”Revelle-2” refers to datasets associated with the first/second Revelle cruise.

Column “References” gives references to the methods associated with the measurement and papers in the SPURS-2 *Oceanography* special issue that make use of the data. More information may be available in the archived data file and with the given DOI.

DOIs are hyperlinked for datasets that are currently available.

#	Dataset name	References	institution	DOI
1,2	Revelle-1 and 2 ADCP 150khz BB		SIO	<a href="http://dx.doi.org/10.5067/SPUR2-ADCP0">http://dx.doi.org/10.5067/SPUR2-ADCP0</a>
3,4	Revelle-1 ADCP 150khz NB		SIO	<a href="http://dx.doi.org/10.5067/SPUR2-ADCP0">http://dx.doi.org/10.5067/SPUR2-ADCP0</a>
5,6	Revelle-1 ADCP 75khz NB		SIO	<a href="http://dx.doi.org/10.5067/SPUR2-ADCP0">http://dx.doi.org/10.5067/SPUR2-ADCP0</a>
7,8	Revelle-1 and 2 CTD		SIO	<a href="http://dx.doi.org/10.5067/SPUR2-CTD00">http://dx.doi.org/10.5067/SPUR2-CTD00</a>
9,10	Revelle-1 and 2 XBT		SIO	<a href="http://dx.doi.org/10.5067/SPUR2-XBT00">http://dx.doi.org/10.5067/SPUR2-XBT00</a>
11, 12	Revelle-1 and 2 uCTD	Ullman and Hebert, 2014; Sprintall, 2019	SIO	<a href="http://dx.doi.org/10.5067/SPUR2-UCTD0">http://dx.doi.org/10.5067/SPUR2-UCTD0</a>
13, 14	Revelle-1 and 2 underway/USPS	Asher et al., 2014a; Drushka et al., 2019	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-USPS0">http://dx.doi.org/10.5067/SPUR2-USPS0</a>
15	Argo floats	Riser and Yang, 2019	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-ARGO0">http://dx.doi.org/10.5067/SPUR2-ARGO0</a>
16	PALS on floats and moorings	Yang et al., 2015	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-PALS0">http://dx.doi.org/10.5067/SPUR2-PALS0</a>
17	Wavegliders		WHOI	<a href="http://dx.doi.org/10.5067/SPUR2-GLID3">http://dx.doi.org/10.5067/SPUR2-GLID3</a>
18	Seagliders	Eriksen et al., 2001; Rainville et al., 2019b	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-GLID1">http://dx.doi.org/10.5067/SPUR2-GLID1</a>
19	SVP-S Drifters	Hormann et al., 2015; Lindstrom et al., 2017; Centurioni, 2018; Volkov et al., 2019; Hormann et al., 2019	SIO	<a href="http://dx.doi.org/10.5067/SPUR2-DRIFT">http://dx.doi.org/10.5067/SPUR2-DRIFT</a>

20	Surpact/CARTHE Drifters	Reverdin et al., 2013	L'OCEAN	<a href="http://dx.doi.org/10.5067/SPUR2-DRIFT">http://dx.doi.org/10.5067/SPUR2-DRIFT</a>
21	Revelle-2 CODE drifters	Centurioni, 2018	SIO	<a href="http://dx.doi.org/10.5067/SPUR2-DRIFT">http://dx.doi.org/10.5067/SPUR2-DRIFT</a>
22	Revelle-2 ADOS drifter	Centurioni, 2010; Centurioni, 2018	SIO	<a href="http://dx.doi.org/10.5067/SPUR2-DRIFT">http://dx.doi.org/10.5067/SPUR2-DRIFT</a>
	AOML drifters	Volkov et al., 2019	AOML	<a href="http://dx.doi.org/10.5067/SPUR2-DRIFT">http://dx.doi.org/10.5067/SPUR2-DRIFT</a>
23	North PICO mooring met	Freitag et al., 2018; Zhang et al., 2019a	PMEL	<a href="http://dx.doi.org/10.5067/SPUR2-MOOR2">http://dx.doi.org/10.5067/SPUR2-MOOR2</a>
24	South PICO mooring met	Freitag et al., 2018; Zhang et al., 2019a	PMEL	<a href="http://dx.doi.org/10.5067/SPUR2-MOOR2">http://dx.doi.org/10.5067/SPUR2-MOOR2</a>
25	North PICO mooring CTD	Osse et al., 2015; Zhang et al., 2019a	PMEL	<a href="http://dx.doi.org/10.5067/SPUR2-MOOR2">http://dx.doi.org/10.5067/SPUR2-MOOR2</a>
26	South PICO mooring CTD	Osse et al., 2015, Zhang et al., 2019a	PMEL	<a href="http://dx.doi.org/10.5067/SPUR2-MOOR2">http://dx.doi.org/10.5067/SPUR2-MOOR2</a>
27	Central mooring met	Clayson et al., 2019	WHOI	<a href="http://dx.doi.org/10.5067/SPUR2-MOOR1">http://dx.doi.org/10.5067/SPUR2-MOOR1</a>
28	Central mooring CTD	Farrar and Plueddemann, 2019; Farrar et al., 2019	WHOI	<a href="http://dx.doi.org/10.5067/SPUR2-MOOR1">http://dx.doi.org/10.5067/SPUR2-MOOR1</a>
29	Central mooring velocity	Farrar and Plueddemann, 2019; Farrar et al., 2019	WHOI	MOOR1*
30	Central mooring direct covariance flux	Clayson et al., 2019	WHOI	MOOR1*
31	Revelle-2 WAMOS Waves		UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-WAMOS">http://dx.doi.org/10.5067/SPUR2-WAMOS</a>
32, 33	Revelle-1 and 2 X-band radar imagery and derived rain intensity	Thompson et al., 2019	UW APL	XBAND*
34	Neutrally-buoyant float	D'Asaro, 2003; Lindstrom et al., 2017; Shcherbina et al., 2019	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-NBFLT">http://dx.doi.org/10.5067/SPUR2-NBFLT</a>
35	Lady Amber underway	Rainville et al., 2019a	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-LAMBR">http://dx.doi.org/10.5067/SPUR2-LAMBR</a>
36	Revelle-2 Ecomappers	Hodges and Fratantoni, 2014	WHOI	ECOMP*

37	Revelle-2 Underway biology & optics	Olson and Sosik, 2007	ODU	BIONT*
38	Revelle-2 Profile biology & optics	Olson and Sosik, 2007	ODU	BIONT*
39	Saildrones	Zhang et al., 2019b	PMEL	<a href="http://dx.doi.org/10.5067/SPUR2-SDRON">http://dx.doi.org/10.5067/SPUR2-SDRON</a>
40	Revelle-1 Rawinsondes	Clayson et al., 2019	WHOI	<a href="http://dx.doi.org/10.5067/SPUR2-SONDE">http://dx.doi.org/10.5067/SPUR2-SONDE</a>
41	Revelle-2 Rawinsondes	Ciesielski, 2018	CSU	<a href="http://dx.doi.org/10.5067/SPUR2-SONDE">http://dx.doi.org/10.5067/SPUR2-SONDE</a>
42, 43	Revelle-1 and 2 meteorological	Clayson et al., 2019	WHOI	<a href="http://dx.doi.org/10.5067/SPUR2-USPS0">http://dx.doi.org/10.5067/SPUR2-USPS0</a>
44, 45	Revelle-1 and 2 salinity snake	Schanze et al., 2019	ESR	<a href="http://dx.doi.org/10.5067/SPUR2-SNAKE">http://dx.doi.org/10.5067/SPUR2-SNAKE</a>
46, 47	Revelle-1 and 2 ROSR	Remote Measurements & Research, 2015	UW APL	ROSR0*
48, 49	Revelle-1 and 2 CFT	Asher et al., 2004	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-CFT00">http://dx.doi.org/10.5067/SPUR2-CFT00</a>
50, 51	Revelle-1 and 2 Underway pCO <sub>2</sub> , DIC and pH	Ho et al., 1997; Pierrot et al., 2009; Friederich et al., 2002; Martz et al., 2010	UH	<a href="http://dx.doi.org/10.5067/SPUR2-PCO20">http://dx.doi.org/10.5067/SPUR2-PCO20</a>
52, 53	Revelle-1 and 2 A-sphere		WHOI	ASPHER*
54	Revelle-2 SEA-POL Rain radar	Rutledge et al., 2019; George et al., 2018	CSU	<a href="http://dx.doi.org/10.5067/SPUR2-RNRDR">http://dx.doi.org/10.5067/SPUR2-RNRDR</a>
55, 56	Revelle-1 and 2 SSP	Asher et al., 2014a; Asher et al., 2014b; Drushka et al., 2019	UW APL	<a href="http://dx.doi.org/10.5067/SPUR2-SSP00">http://dx.doi.org/10.5067/SPUR2-SSP00</a>
57	Synthesis rain product**		UW APL	SNTH0*
58	Synthesis SSS product**		UW APL	SNTH0*

\* Final data were never submitted by the PI and are not available.

\*\* The nature of these products is not certain as of the publication date of this paper.