

Water Temp. (°C) & Conductivity	SBE/CT	-1.5,-10,-20,-40,-60,-80,-100,-150,-200,-250,-300	-1.5*	-2,-4,-6,-12	3 CT & 10 T in the interval -0 m to -500 m.
Surface Wave Spectrum	Accelerometer				
Current Velocity	ADCP	-5 to -75 m in 4 m bins	*	-20 (Sontek)	
Wind Velocity	Anemometer	+5.5	+5	+4	+5
Air Temperature (°C)	Thermistor	+3	*	+4	+5
Relative Humidity	Hygrometer?	+3	*	+4	+5
ΔpCO_2	Custom (MBARI)	+1.5	+2		

* See Hayes *et al.* 1991 for a description of the TAO ATLAS core measurements and instrumentation.

Table 3.3 (Part 2 of 2): Radiometric, bio-optical and ancillary measurements and instruments on selected moored bio-optical buoys; see Table 3.1 and Figures 3.1 and 3.2 for information on the location, buoy type and mooring configuration of each.

Moored Buoy Array:		GoMOOS	HOT (HALE-ALOHA)	BATS (BTM)
Variable	Sensor	z (m)	z (m)	z (m)
$E_s(\lambda)$	PRR-620			
	HR3			
	OCR507	+3.4		
	ICSA			+3
$E_d(z, \lambda)$	PRR-600			
	HR3			
	OCI100			
	OCI200		-25	-15, -35
	OCR504 ICSW	-3, -18		
$L_u(z, \lambda)$	PRR-600			
	HR3			
	OCR100			
	OCR200			-15, -35
	OCR507 R10W	-3		
$E_u(z, \lambda)$	PRR-600		(MER2020)	
	HR3			
Chl <i>a</i> Fluorescence	WETStar			-34, -71, -100
	DFLS	-3.4, -18.2		
	HS2			
$b_b(z, \lambda)$	HS-2, 4 or 6			
	VSF	-3.4		
$c(z, \lambda)$	ac9	-3.4		
Water Temp. (°C) & Conductivity	SBE/CT	-1, -2 (T only), -10, -50	-50, -120, -180 -410, -475, -540, -560, -650, -785	-34, -45, -55, -71, -100, -150, -200, -250, -500, -750
Surface Wave Spectrum	Accelerometer	0		
Current Velocity	ADCP	-10 m to -80 m in 4 m bins		