

**Table 2-5a.** Instruments deployed in summer 2001 across the shelf off Huntington Beach.

Mooring ID	Location		Water Depth (m)	Instrument Type	Instrument Depth (m)	Variables Measured	Sampling Rate	Rotation Interval	Instrument Source	SAIC ID	Filename Prototype	USGS ID #
	Latitude	Longitude										
HB01	33°37.975'N	117°58.891'W	10.7 (Bottom Mounted)  (NYD)	SeaPoint	0.38 AB	Turb	15 min	30 days	SAIC	HB01-6	SP16xc.D	
				DCS-3500	0.72 AB	V	15 min	30 days	SAIC	HB01-4	SP14xc.D	
				SeaPoint	1.52 AB	Turb	15 min	30 days	SAIC	HB01-3	SP13xc.D	
				DCS-3500	1.52 AB	V	15 min	30 days	SAIC	HB01-2	SP12xc.D	
				Ammonia	0.6 AB	Ammonia	TBD	30 days	USC	HB01-5	SP15xc.D	
				MicroCat	0.2 AB	T,S & Press	2 min	30 days	OCSA	HB01-7	SP17xc.D	
				Star-Oddi	1	T	2 min	120 days	SAIC	HB01-1	SP11xc.D	
AB=Above Bottom NYD = Not Yet Deployed												
HB02	33°37.764'N	117°58.998'W	12.8 Bottom Mounted	MicroCat	12.3	T,S & Press	2 min	60 days	SAIC	HB02-1	SP21xc.D	
HB03a	33°37.560'N	117°59.206'W	16 Surface Mooring	MicroCat	5	T, S	2 min	120 days	WH	HB03-1	SP31xc.D	6501
				MicroCat	10	T, S	2 min	120 days	WH	HB03-2	SP32xc.D	6502
HB03b	33°37.598'N	117°59.227'W	15 Bottom Mounted	1200 kHz ADCP	1.3 AB	V,T	3 min	120 days	WH	HB03-4	SP34xc.D	6511
				Sed. Trap	1.4 AB	Sed.,T on Pod	-	120 days	WH/Menlo	HB03-3	SP33xc.D	6513
				SeaCat	1.0 AB	T,S,2 Obs	2.5 min	120 days	Menlo	HB03-5	SP35xc.D	6512
HB04	(Not Yet Deployed)		20 S-Tether	S4	14	V,Pressure	TBD	30 days	USC	HB04-1	SP41xc.D	
				Ammonia	17	Ammonia	TBD	30 days	USC	HB04-2	SP42xc.D	
HB05a	33°36.710'N	117°59.802'W	25 Surface Mooring	MicroCat	5	T,S	2 min	120 days	WH	HB05-1	SP51xc.D	6521
				Temp.	10	T	4 min	120 days	Menlo	HB05-2	SP52xc.D	6522
HB05b	33°36.719'N	117°59.704'W	25 Subsurface Mooring	MicroCat	15	T,S	2 min	120 days	WH	HB05-3	SP53xc.D	6541
				MicroCat	20	T,S	2 min	120 days	WH	HB05-4	SP54xc.D	6542
HB05c	33°36.745'N	117°59.822'W	25.5 Bottom Mounted	600 kHz ADCP	2.3 AB	V,T	3 min	120 days	WH	HB05-5	SP55xc.D	6531
				SeaCat	1.9 AB	T,S,Trans.	2.5 min	120 days	WH	HB05-6	SP56xc.D	6533
				Sed. Trap	1.1 AB	Sed.	-	120 days	WH/Menlo			
				Camera	1.2AB	Photo, T on Pod	6 hrs	120 days	Menlo	HB05-7	SP57xc.D	6534
				ADV	0.8 AB	V,T,P,2 Obs	20 min/1 hr	120 days	Menlo	HB05-8	SP58xc.D	6532
HB06a	33°35.674'N	118°00.571'W	35.6 Surface Mooring	Hugrun	1	T	5 min	60 days	SAIC	HB06-1	SP61xc.D	
				MicroCat	5	T,S	1 min	60 days	OCSA	HB06-2	SP62xc.D	
				S4	10	V, T	5 min	60 days	OCSA	HB06-3	SP63xc.D	
				MicroCat	15	T,S	1 min	60 days	OCSA	HB06-4	SP64xc.D	
				MicroCat	20	T,S	1 min	60 days	OCSA	HB06-5	SP65xc.D	
				S4	28	V,T	5 min	60 days	SAIC	HB06-6	SP66xc.D	
				MicroCat	30	T,S	1 min	60 days	OCSA	HB06-7	SP67xc.D	
				Hugrun	35.1	T	5 min	60 days	SAIC	HB06-11	SP68xc.D	

x = deployment # (1-4)  
c = Data Type Code (C,T,M,etc.)

**Table 2-5a, cont.** Instruments deployed in summer 2001 across the shelf off Huntington Beach.

Mooring ID	Location		Water Depth (m)	Instrument Type	Instrument Depth (m)	Variables Measured	Sampling Rate	Rotation Interval	Instrument Source	SAIC ID	Filename Prototype	USGS ID #
	Latitude	Longitude										
HB06b	33°35.667'N	118°00.423'W	35.2 S-Tether	300 kHz ADCP	32.5	Vel,T	1 min	60 days	SAIC	HB06-8	SP68xc.D	
				Hugrun	34.6	T	5 min	60 days	SAIC	HB06-9	SP69xc.D	
				SeaGauge	34.8	Tide/Waves	15 min/6 hrs	60 days	SAIC	HB06-10	SP6Axc.D	
HB07a	33°34.593'N	118°01.256'W	60 Surface	Met Station	Surf	1 Wind,Atm_P, Rel_Hum,Air_T,SST Sig_H, Dom_P,Dirn	1 min	120 days	NPS	HBM7-1	SP7M1c.D	
				Wave Buoy	Surf		60 min	120 days	NPS	HBM7-3	SP7M3c.D	
				Met Buoy	1	T	1 min	120 days	NPS	HB07-1	SP71xc.D	
				SeaCat	5	T,S,P	6 min	120 days	NPS	HB07-2	SP72xc.D	
				SeaCat	10	T,S,P	6 min	120 days	NPS	HB07-3	SP73xc.D	
HB07b	33°34.606'N	118°01.156'W	62 Subsurface Mooring	Temp.	15	T	4 min	120 days	Menlo	HB07-4	SP74xc.D	6561
				MicroCat	20	T,S,P	2 min	120 days	NPS	HB07-5	SP75xc.D	
				Temp.	25	T	4 min	120 days	Menlo	HB07-6	SP76xc.D	6563
				MicroCat	30	T,S,P	2 min	120 days	NPS	HB07-7	SP77xc.D	
				Temp.	35	T	4 min	120 days	Menlo	HB07-8	SP78xc.D	6565
				MicroCat	40	T,S	2 min	120 days	WH	HB07-9	SP79xc.D	6566
				Temp.	45	T	4 min	120 days	Menlo	HB07-10	SP7Axc.D	6567
				Temp.	50	T	4 min	120 days	Menlo	HB07-11	SP7Bxc.D	6568
MicroCat	55	T,S	2 min	120 days	WH	HB07-12	SP7Cxc.D	6569				
HB07c	33°34.652'N	118°01.137'W	60 Bottom Mounted	300 kHz ADCP	3.1 AB	V,T	3 min	120 days	WH	HB07-13	SP7Dxc.D	6551
				SeaCat	2.5 AB	T,S,Trans.	5 min	120 days	WH	HB07-15	SP7Exc.D	6554
				Sed., T on Pod	3.1 AB	Sed.	-	120 days	WH/Menlo	HB07-14	SP7Exc.D	6555
				Photo, T on Pod	1.7 AB	Photo	6 hrs	120 days	Menlo	HB07-16	SP7Gxc.D	6556
				ADV	?	V,T,P,Obs,Trans	20 min/1 hr	120 days	Menlo	HB07-17	SP7Hxc.D	6552
				PCADP	1.0 AB	Obs/Trans	?	120 days	?	HB07-18	SP7Ixc.D	6553
HB08	33°33.701'N	118°01.805'W	205 Subsurface Mooring	150 kHz ADCP in Flotation	185	V,T	15 mins	120 days	SAIC SAIC	HB08-1	SP81xc.D	
HB09	33°36.651'N	117°58.947'W	21.6 Surface Mooring	Hugrun	1	T	5 min	60 days	SAIC	HB09-1	SP91xc.D	
				MicroCat	4	T,S	1 min	60 days	SAIC	HB09-2	SP92xc.D	
				S4	5	V,T	5 min	60 days	OCSD	HB09-3	SP93xc.D	
				MicroCat	10	T,S	1 min	60 days	SAIC	HB09-4	SP94xc.D	
				S4	15	V,T	5 min	60 days	SAIC	HB09-5	SP95xc.D	
				Hugrun	21	T	5 min	60 days	SAIC	HB09-6	SP96xc.D	

**Table 2-5a, cont.** Instruments deployed in summer 2001 across the shelf off Huntington Beach.

Mooring ID	Location		Water Depth (m)	Instrument Type	Instrument Depth (m)	Variables Measured	Sampling Rate	Rotation Interval	Instrument Source	SAIC ID	Filename Prototype	USGS ID #
	Latitude	Longitude										
HB10a	33°35.700'N	117°58.097'W	35.2 Surface Mooring	Hugrun	1	T	5 min	60 days	SAIC	HB10-1	SPA1xc.D	
				MicroCat	5	T,S	1 min	60 days	OCS	HB10-2	SPA2xc.D	
				S4	10	V, T	5 min	60 days	OCS	HB10-3	SPA3xc.D	
				MicroCat	15	T,S	1 min	60 days	OCS	HB10-4	SPA4xc.D	
				MicroCat	20	T,S	1 min	60 days	OCS	HB10-5	SPA5xc.D	
				S4	28	V,T	5 min	60 days	SAIC	HB10-6	SPA6xc.D	
				MicroCat	30	T,S	1 min	60 days	OCS	HB10-7	SPA7xc.D	
				Hugrun	34.6	T	5 min	60 days	SAIC	HB10-8	SPA8xc.D	
HB10b	33°35.704'N	117°57.952'W	36 Bottom Mounted	300 kHz ADCP	35	V,T,P	6 min	120 days	NPS	HB10-9	SPA9xc.D	
HB11a	33°34.792'N	117°57.615'W	52 Surface Mooring	Temp.	5	T	4 min	120 days	Menlo	HB11-1	SPB1xc.D	6571
				MicroCat	10	T,S	2 min	120 days	WH	HB11-2	SPB2xc.D	6572
HB11b	33°34.784'N	117°57.660'W	55 Subsurface Mooring	Temp.	15	T	4 min	120 days	Menlo	HB11-3	SPB3xc.D	6591
				MicroCat	20	T,S	2 min	120 days	WH	HB11-4	SPB4xc.D	6592
				Temp.	25	T	4 min	120 days	Menlo	HB11-5	SPB5xc.D	6593
				MicroCat	30	T,S	2 min	120 days	WH	HB11-6	SPB6xc.D	6594
				Temp.	35	T	4 min	120 days	Menlo	HB11-7	SPB7xc.D	6595
				MicroCat	40	T,S	2 min	120 days	WH	HB11-8	SPB8xc.D	6596
				Temp.	45	T	4 min	120 days	Menlo	HB11-9	SPB9xc.D	6597
MicroCat	50	T,S	2 min	120 days	WH	HB11-10	SPBAxc.D	6598				
HB11c	33°34.812'N	117°57.551'W	54 Bottom Mounted	300 kHz ADCP	3.3 AB	V,T	3 min	120 days	WH	HB11-11	SPBBxc.D	6581
				SeaCat	2.5 AB	T,S	5 min	120 days	WH	HB11-13	SPBDxc.D	6583
				Sed. Trap	3.2 AB	Sed., T on Pod	-	120 days	WH/Menlo	HB11-12	SPBCxc.D	6584
				Camera	1.5 AB	Photo, T on Pod	6 hrs	120 days	Menlo	HB11-14	SPBExc.D	6585
				ADV	0.8 AB	V,T,P,Obs,Trans	20 min/1 hr	120 days	Menlo	HB11-15	SPBFxc.D	6582
HB12	33°34.366'N	118°00.112'W	61.6 Surface Mooring	DCS-3900	1	V,T	30 min	120 days	SAIC	HB12-1	SPC1xc.D	
				Therm	15	T	30 min	120 days	SAIC	HB12-2	SPC2xc.D	
				Therm	30	T	30 min	120 days	SAIC	HB12-3	SPC3xc.D	
				DCS-3900	45	V,T	30 min	120 days	SAIC	HB12-4	SPC4xc.D	
				Therm/Turb	48	T, Turb	30 min	120 days	SAIC	HB12-5	SPC5xc.D	
				Hugrun	61	T	5 min	120 days	SAIC	HB12-6	SPC6xc.D	
HB13	33°36.220'N	117°56.331'W	14.7 Surface Mooring	Hugrun	1	T	5 min	60 days	SAIC	HB13-1	SPD1xc.D	
				FSI/Hugrun	5	V,T	10 min/5 min	60 days	SAIC	HB13-2	SPD2xc.D	
				SeaCat/SeaPoint	8	T,S, Turb	2 min	60 days	SAIC	HB13-3	SPD3xc.D	
				FSI/Hugrun	10	V,T	10 min/5 min	60 days	SAIC	HB13-4	SPD4xc.D	
				Hugrun	14.2	T	5 min	60 days	SAIC	HB13-5	SPD5xc.D	

**Table 2-5b.** Nearshore instruments deployed in summer 2001.

Mooring ID	Location		Water Depth (m)	Instrument Type	Instrument Depth (m)	Variables Measured	Sampling Rate	Rotation Interval	Instrument Source	SAIC ID	Filename Prototype	Beach Station
	Latitude	Longitude										
HBN1	33°38.233'N	117°58.709'W	6	ADCP T/Chain	6 0-6	V,T T	1 min 1 min	90 days 90 days	SIO SIO	HBN1-2 HBN1-1	SN12xc.D SN11xc.D	
HBN2	33°38.147'N	117°59.113'W	11	ADCP T/Chain	11 0-11	V,T T	1 min 1 min	90 days 90 days	SIO SIO	HBN2-2 HBN2-1	SN22xc.D SN21xc.D	
HBN3	33°38.652'N	118°00.224'W	11	ADCP T/Chain	11 0-11	V,T T	1 min 1 min	90 days 90 days	SIO SIO	HBN3-2 HBN3-1	SN32xc.D SN31xc.D	
T4	33°38.940'N	117°59.992'W	7.5	T/Chain	0-7.5	T	30 secs	23 days	SIO	HBN4-1	SN41xc.D	
T5	33°38.326'N	117°58.963'W	8.1	T/Chain	0-8.1	T	30 secs	23 days	SIO	HBN5-1	SN51xc.D	
T6	33°38.201'N	117°58.738'W	7.7	T/Chain	0.7.7	T	30 secs	23 days	SIO	HBN6-1	SN61xc.D	
T7	33°37.877'N	117°58.148'W	7.7	T/Chain	0.7.7	T	30 secs	23 days	SIO	HBN7-1	SN71xc.D	
sT2	33°38.382'N	117°58.903'W	2.5	T/Chain	0-2.5	T	?	?	SIO	HBN8-1	SN81xc.D	
AES 01	33°38.322'N	117°58.974'W	12	T/Chain T/Chain T/Chain T/Chain T/Chain T/Chain ADCP	1 2 4 6 8 10 12	T T T T T T V/T	3 min 3 min 3 min 3 min 3 min 3 min 3 min	30 days 30 days 30 days 30 days 30 days 30 days 30 days	AES AES AES AES AES AES AES	HBNA-1 HBNA-2 HBNA-3 HBNA-4 HBNA-5 HBNA-6 HBNA-7	SNA1xc.D SNA2xc.D SNA3xc.D SNA4xc.D SNA5xc.D SNA6xc.D SNA7xc.D	
AES 02	33°38.367'N	117°58.957'W	9	T/Chain T/Chain T/Chain T/Chain T/Chain T/Chain ADCP	1 2 4 5 6 7 9	T T T T T T V/T	3 min 3 min 3 min 3 min 3 min 3 min 3 min	30 days 30 days 30 days 30 days 30 days 30 days 30 days	AES AES AES AES AES AES AES	HBNB-1 HBNB-2 HBNB-3 HBNB-4 HBNB-5 HBNB-6 HBNB-7	SNB1xc.D SNB2xc.D SNB3xc.D SNB4xc.D SNB5xc.D SNB6xc.D SNB7xc.D	
AES 03	33°38.086'N	117°58.829'W	12	T/Chain T/Chain T/Chain T/Chain T/Chain T/Chain ADCP	1 2 4 6 8 10 12	T T T T T T V/T	3 min 3 min 3 min 3 min 3 min 3 min 3 min	30 days 30 days 30 days 30 days 30 days 30 days 30 days	AES AES AES AES AES AES AES	HBNC-1 HBNC-2 HBNC-3 HBNC-4 HBNC-5 HBNC-6 HBNC-7	SNC1xc.D SNC2xc.D SNC3xc.D SNC4xc.D SNC5xc.D SNC6xc.D SNC7xc.D	
sT3	33°38.033'N	117°58.909'W	Surf Zone	Low-Res Therm	1	T	30 secs	22 days	SIO	HBS03	SS03xc.D	3N
sT4	33°38.264'N	117°58.508'W	Surf Zone	Low-Res Therm	1	T	30 secs	22 days	SIO	HBS04	SS04xc.D	6N
sT5	33°38.361'N	117°58.676'W	Surf Zone	Low-Res Therm	1	T	30 secs	22 days	SIO	HBS05	SS05xc.D	USGS
sT6	33°38.450'N	117°58.847'W	Surf Zone	Low-Res Therm	1	T	30 secs	22 days	SIO	HBS06	SS06xc.D	AES
sT7	33°38.572'N	117°59.026'W	Surf Zone	Low-Res Therm	1	T	30 secs	22 days	SIO	HBS07	SS07xc.D	9N
sT10	Station15N		Surf Zone	Low-Res Therm	?	T	?	?	SIO	HBS10	SS10xc.D	
sT11	Station 12N		Surf Zone	Low-Res Therm	?	T	?	?	SIO	HBS11	SS11xc.D	