

RV ROBERT GORDON SPROUL

CALCOFI CRUISE 9812

STATION 83 40.6

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
34 13.6 N	119 24.8 W	15/12/98	1315	UTC	35 m	100	05 kn			1019.5 mb	12.9 c	10.6 c				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	13.40	13.40	33.555	25.194	276.3	0.000	5.72	96.5					1.44	0.41	0	
1	13.40	13.40	33.555	25.194	276.3	0.003	5.72	96.5					1.44	0.41	1	205
5	13.41	13.41	33.557	25.194	276.5	0.014	5.70	96.1					1.36	0.40	5	204
10	13.41	13.41	33.558	25.195	276.5	0.028	5.70	96.1					1.37	0.40	10	203
20 ISL	12.23	12.23	33.650	25.498	247.9	0.054	4.05	66.7					0.42	0.30	20	
21	12.10	12.10	33.661	25.531	244.8	0.056	3.87	63.5					0.32	0.29	21	202
30 ISL	12.06	12.06	33.673	25.548	243.4	0.078	3.94	64.6					0.29	0.35	30	
31	12.06	12.06	33.674	25.549	243.3	0.081	3.95	64.8					0.29	0.36	31	201

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STATION 83 42

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
34 10.7 N	119 30.4 W	15/12/98	1056	UTC	130 m	340	17 kn			1019.0 mb	13.3 c	11.3 c				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	13.03	13.03	33.585	25.292	267.0	0.000	5.60	93.7					2.77	0.65	0	
2	13.03	13.03	33.585	25.292	267.1	0.005	5.60	93.7					2.77	0.65	2	211
10	12.95	12.95	33.591	25.312	265.3	0.027	5.41	90.4					2.60	0.65	10	210
20	12.47	12.47	33.621	25.429	254.4	0.053	4.20	69.5					0.55	0.32	20	209
28	12.15	12.15	33.645	25.510	247.0	0.073	3.81	62.6					0.38	0.26	28	208
30 ISL	12.09	12.09	33.649	25.524	245.7	0.078	3.75	61.6					0.34	0.24	30	
39	11.79	11.79	33.669	25.596	239.0	0.099	3.55	57.9					0.20	0.19	39	207
49	11.32	11.31	33.723	25.725	227.0	0.123	3.28	53.0					0.10	0.17	49	206
50 ISL	11.29	11.28	33.732	25.738	225.8	0.125	3.25	52.5					0.09	0.17	50	
59	10.95	10.94	33.812	25.861	214.3	0.145	2.95	47.3					0.05	0.12	59	205
67	10.50	10.49	33.853	25.972	203.8	0.162	2.77	44.0					0.03	0.10	67	204
75 ISL	10.13	10.12	33.911	26.081	193.6	0.177	2.55	40.2					0.03	0.08	75	
84	9.84	9.83	33.970	26.177	184.7	0.194	2.35	36.8					0.02	0.07	84	203
99	9.74	9.73	33.997	26.215	181.4	0.222	2.26	35.3					0.01	0.06	100	202
100 ISL	9.73	9.72	33.998	26.217	181.2	0.224	2.25	35.2					0.01	0.06	101	
125 ISL	9.43	9.42	34.023	26.286	175.1	0.268	2.11	32.8					0.01	0.07	126	
126	9.42	9.41	34.024	26.289	174.9	0.270	2.10	32.6					0.01	0.07	127	201

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STATION 83 51

LATITUDE	LONGITUDE	DAY/MO/YR	CAST	TIME	BOTTOM	WIND	SPEED	WAVES	WEA	BAROMETER	DRY	WET	SECCHI/FOREL	CLD	AMT	TYPE
33 52.7 N	120 8.0 W	15/12/98	0342	UTC	100 m	350	18 kn			1021.5 mb	12.9 c	9.0 c				
DEPTH	TEMP	POT TEMP	SALINITY	SIGMA	SVA	DYN HT	OXYGEN	OXY	SI03	P04	N03	N02	CHL-A	PHAE0	PRES	SAMP
m	DEG C	DEG C		THETA			ml/L	PCT	uM/L	uM/L	uM/L	uM/L	ug/L	ug/L	db	
0 ISL	12.21	12.21	33.638	25.492	248.0	0.000	4.62	76.0					0.87	0.27	0	
2	12.21	12.21	33.638	25.492	248.0	0.005	4.62	76.0					0.87	0.27	2	210
10 ISL	12.19	12.19	33.639	25.497	247.7	0.025	4.55	74.8					0.84	0.27	10	
11	12.18	12.18	33.638	25.498	247.7	0.027	4.53	74.5					0.84	0.27	11	209
20	12.09	12.09	33.649	25.524	245.4	0.049	4.35	71.4					0.69	0.27	20	208
30	11.99	11.99	33.656	25.548	243.4	0.074	4.23	69.3					0.56	0.26	30	207
39	11.29	11.29	33.722	25.729	226.3	0.095	3.43	55.4					0.12	0.15	39	206
49	10.65	10.64	33.822	25.922	208.3	0.117	2.99	47.6					0.07	0.12	49	205
50 ISL	10.62	10.61	33.827	25.931	207.4	0.119	2.98	47.4					0.07	0.12	50	
60	10.44	10.43	33.847	25.978	203.1	0.139	2.90	46.0					0.05	0.10	60	204
71	10.37	10.36	33.858	25.999	201.4	0.162	2.83	44.8					0.05	0.10	71	203
75 ISL	10.32	10.31	33.866	26.014	200.1	0.170	2.80	44.3					0.05	0.10	75	
84	10.17	10.16	33.888	26.057	196.2	0.187	2.73	43.1					0.04	0.11	84	202
95	9.94	9.93	33.922	26.123	190.1	0.209	2.60	40.8					0.02	0.09	96	201













