

UNIVERSITY OF CALIFORNIA SCRIPPS INSTITUTION OF OCEANOGRAPHY

data report

PHYSICAL AND CHEMICAL DATA

CalCOFI Cruise 7203
1-28 March 1972

and

CalCOFI Cruise 7205
11 April - 14 June 1972

SIO Reference 82-14
15 June 1982

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Sponsored by
Marine Research Committee

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15 June 1982

Approved for distribution:


W. A. Nierenberg, Director

CONTENTS

Introduction 3

Literature Cited 7

Cruise 7203

 List of Figures 10

 Personnel 20

 Tabulated Data 21

Cruise 7205

 List of Figures 77

 Personnel 87

 Tabulated Data, CalCOFI Stations 88

 Tabulated Data, Latitude-Longitude Stations 143

Distribution List 173

INTRODUCTION

The data in this report were collected during Cruises 7203* and 7205 of the California Cooperative Oceanic Fisheries Investigations (CalCOFI) program aboard the RV David Starr Jordan of the National Marine Fisheries Service and the RV Alexander Agassiz of the Scripps Institution of Oceanography. The extended 7205 cruise pattern was designed to collect data across the California Current from 45°N to 20°N, much the same pattern as was used on the NORPAC cruise in the late summer of 1955. This extended pattern for the late spring was again conducted in the early fall of 1972. Besides allowing the first larger overview of the California Current since January 1965, the cruise was used to collect data near three deep-moored buoys which have been recording meteorological data and temperature data (surface to 300 meters) for several months. The report preceding this one in the series was SIO Ref. 80-21 which included data for 7201 and 7202.

These data were collected and processed mainly by personnel of the Data Collection and Processing Group (DCPG**, MLR), Scripps Institution of Oceanography. The cruises were also used as a technical training program for personnel of the Sea Grant and the GEOSECS departments.

STANDARD PROCEDURES

Hydrographic Cast Data

The hydrographic casts consisted of 12 to 18 Nansen bottles with the maximum sampling depth at most stations being 1200 meters, bottom depth permitting. Casts deeper than 3000 meters were lowered at 80.70*** and 80.80 on the Jordan in March and again at 80.70, 80.80 and at 39.141**** on the Agassiz in April and June. Temperature, salinity, oxygen and nutrients were determined for all depths on most stations.

On STD lowerings where hydrographic casts were not made, a Nansen bottle was usually placed on the wire a few meters above the STD and another bottle was lowered to a depth of approximately 10 meters. Temperature, salinity and oxygen were determined for most of the 10 meter samples from the Jordan and the Agassiz.

* The first two digits represent the year and the second digits the month of the cruise.

** Now the Physical and Chemical Oceanographic Data Facility (PACODF).

*** The CalCOFI station designations have been in use for over thirty years. The digits preceding the decimal specify a line normal to the general trend of the coast line (CalCOFI line). The digits following the decimal specify a station position relative to the coast on the CalCOFI line. One CalCOFI digit equals 4 nautical miles.

**** This is not a CalCOFI station designation. In this oceanic station designator, the first two digits are north latitude; the latter three digits are west longitude.

In general, paired, protected reversing thermometers were used to determine temperatures; the readings were recorded to hundredths of a Celsius degree. Temperatures on the deep casts made during the cruises in this report are recorded only in hundredths of a Celsius degree because specially scaled low-range thermometers were not available. Surface temperatures from "bucket" thermometers and temperatures determined using unprotected (pressure) thermometers were recorded to tenths of a degree. Sample bottles used below 100 meters were equipped with unprotected thermometers for determination of the depth of sampling.

The Bissett Berman (now Grundy Environmental Systems, Inc.) inductive salinometer used for salinity determination on the Jordan during 7203 and 7205 operated very well. Difficulty in operation of a Bissett Berman inductive salinometer and, for a few stations, a University of Washington conductive salinometer on the Agassiz during the March cruise, resulted in several delays in sample determination; extreme cases of delay are footnoted. However, during the Agassiz cruise in May, both the University of Washington conductive and an AutoLab inductive salinometer operated well.

The salinity values were recorded and are reported to three decimal places, provided accepted standards were met. If only one determination per sample was obtained, or there was doubt concerning the accuracy of the analytical results, the salinities are reported to two decimal places. All STD salinities are tabulated to hundredths.

Dissolved oxygen was determined by the Winkler method as modified by Carpenter (1965), using the equipment and procedure outlined by Anderson (1971).

Phosphate, silicate, nitrite, and nitrate were determined using a standard Beckman Model DU spectrophotometer. Reactive phosphate was analyzed using the method of Murphy and Riley (1962), with the specific procedure outlined by Anderson (1971); reactive silicate by the method of Strickland and Parsons (1968); nitrate by the method of Wood *et al.* (1967); and nitrite by the method of Bendschneider and Robinson (1952). The specific procedures used for silicate, nitrate and nitrite are outlined in Marine Technician handbooks in preparation.

Due to operational difficulty with some of the equipment during the early weeks of cruise 7205 Jordan, some of the nitrate data have been adjusted by their relation to phosphate. These adjustments have been based on the following: one, the data from standard solutions run through each column on a daily basis have been used to compute the nitrate values for a given column; two, a plot of phosphate vs. nitrate is essentially linear and constant and the cruise phosphate data are believed to be of good quality; and three, corrected nitrate data when plotted against phosphate give curves that show excellent agreement with the curves from previous and subsequent expedition data collected in the same area.

Phytoplankton pigment and production data resulting from these cruises have been reported earlier by Owen (1974).

The observed data have been evaluated using the method described by Klein (1973). This involves consideration of their variation as functions of density or depth and their relations to each other, and comparisons with adjacent observations.

In situ Salinity/Temperature/Depth Recorder (STD) Data

A Bissett Berman Model 9006 STD was used for both cruises of the Jordan. A slight temperature correction was used only on 7205 but both cruises required a salinity correction of approximately -0.10‰ at the surface to -0.15‰ at 1000 meters. The Agassiz also was equipped with a Model 9006 STD for 7203. A small correction only to salinity was required but the instrument became inoperative March 3rd and hydrographic casts were made on all scheduled stations the remainder of the cruise. A Bissett Berman Model 9040 STD was used on the Agassiz for 7205. It was inoperative for a short time so that most stations on 35°N were hydrographic casts only. It was repaired during occupation of 39°N and was used the remainder of the cruise. The digital data logger used with the STD malfunctioned and all tabulated data were digitized from the analog recordings. Again no correction to the temperature was required. A salinity correction for each station was determined by comparison with the hydrographic cast lowered at the same position or by comparison with the data from the two Nansen bottles lowered on the wire with the STD. Most stations required a large correction of approximately -0.20‰ at the surface to -0.30‰ at 1000 meters.

TABULATED DATA

The time reported is Greenwich Mean Time. For STD lowerings it is the "start down" time and for bottle casts it is the time of messenger release. When more than one cast was lowered on a station, the messenger time for the first and last casts are given. Multiple casts, excluding the surface cast, are indicated by a footnote letter following the observed depth.

Bottom depths, determined acoustically, have been corrected using Matthews (1939) tables and are reported in meters. The weather and dominant waves are coded using the National Oceanographic Data Center (NODC) method.

Data for all cruises presented in this report were obtained by bottle casts and by the STD, and appear in two forms:

- 1) Data from the sample bottles appear with the observed levels of depth on the left of a page. Temperature, salinity and oxygen are interpolated from the observations at standard levels of depth on the right of the page. Computed values of thermosteric anomaly (DT) are included with the observed levels and computed values of sigma-t (SIGT), thermosteric anomaly (DT) and geopotential anomaly (DD) are included with the interpolated levels.

2) Data at standard levels of depth from the STD lowerings appear on the right of a page with computed values of sigma-t, thermosteric anomaly and geopotential anomaly included.

The same parameters have been tabulated in this report as in previous reports. The decimal has been omitted from the CalCOFI station number so station 80.70 appears in the tabulated data as 80070. The column headings are to be interpreted as follows:

Z	Depth	Meters
T	Temperature	°C
S	Salinity	‰
O2	Dissolved oxygen	ml/L
PO4	"Reactive" inorganic phosphate-phosphorous	µg at/L
SiO3	"Reactive" inorganic silicate-silicon	µg at/L
NO2	"Reactive" nitrite-nitrogen	µg at/L
NO3	"Reactive" nitrate-nitrogen	µg at/L
DT	$\delta_T =$ Thermosteric anomaly	cl/ton
SIGT	$(\rho_{s,t,0} - 1)10^3$ where $\rho_{s,t,0}$ is the density the parcel would have if moved isothermally to the sea surface.	g/L
DD	Geopotential anomaly, referred to the sea surface.	dyn. meters

FOOTNOTES

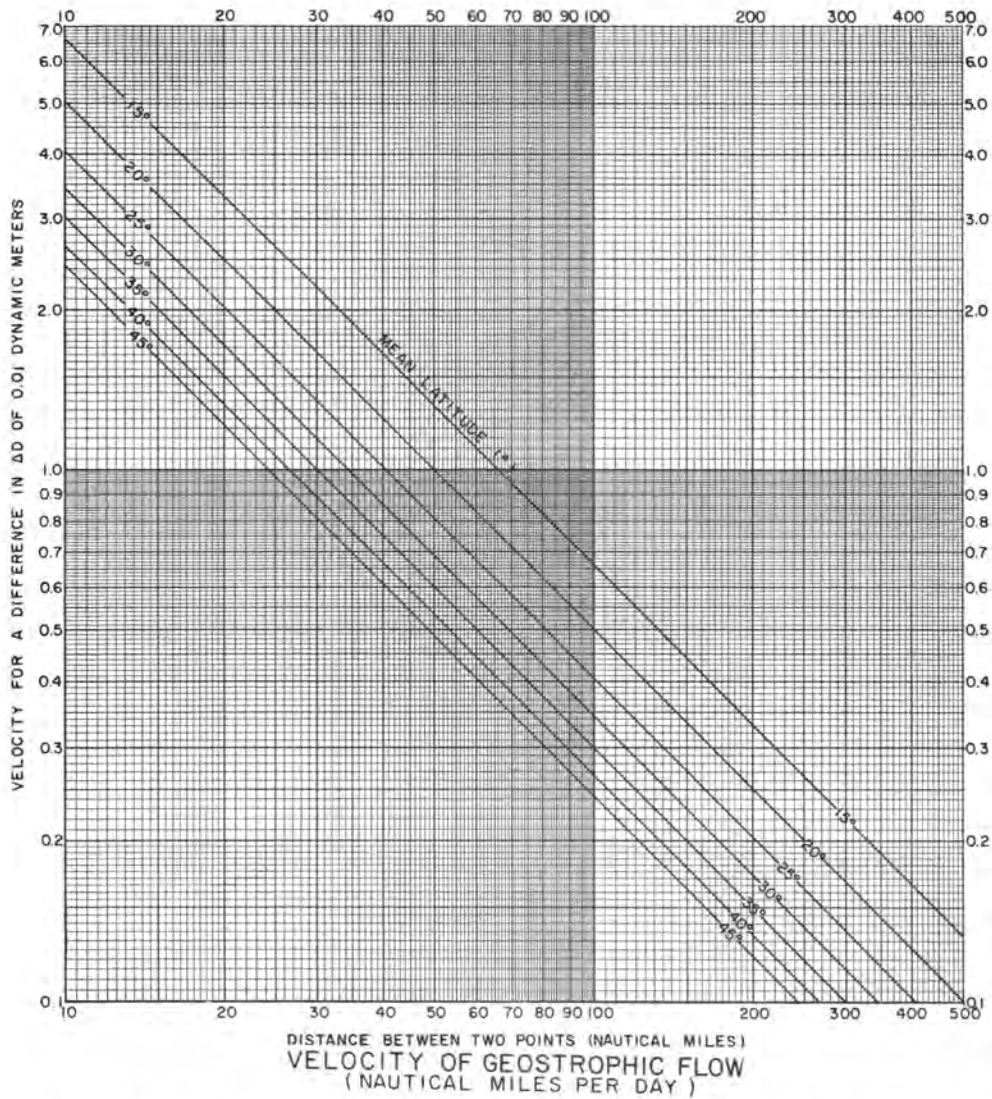
In addition to footnotes, special notations are used without footnotes because the meaning is always the same.

- P: After depth value indicates the Nansen bottles posttripped.
- U: Uncertain value. Values which are not used in interpolation because they seem to be in error without apparent reason.
- V: Because of time differences, overlapping casts show some differences. Values not used in interpolation.

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cm/sec	0	1	2	3	4	5	6	7	8	9
0	<i>KNOTS</i> 0.02 <i>NM/DAY</i>	0.04 0.47	0.06 0.93	0.08 1.40	0.10 1.86	0.12 2.33	0.14 2.80	0.16 3.26	0.17 3.73	0.17 4.20
10	0.19 4.66	0.21 5.13	0.23 5.59	0.25 6.06	0.27 6.53	0.29 6.99	0.31 7.46	0.33 7.93	0.35 8.39	0.37 8.86
20	0.39 9.32	0.41 9.79	0.43 10.26	0.45 10.72	0.47 11.19	0.49 11.66	0.51 12.12	0.52 12.59	0.54 13.05	0.56 13.52
30	0.58 13.99	0.60 14.45	0.62 14.92	0.64 15.38	0.66 15.85	0.68 16.32	0.70 16.78	0.72 17.25	0.74 17.72	0.76 18.18
40	0.78 18.65	0.80 19.11	0.82 19.58	0.84 20.05	0.85 20.51	0.87 20.98	0.89 21.45	0.91 21.91	0.93 22.38	0.95 22.84
50	0.97 23.31	0.99 23.78	1.01 24.24	1.03 24.71	1.05 25.17	1.07 25.64	1.09 26.11	1.11 26.57	1.13 27.04	1.15 27.51
60	1.17 27.98	1.18 28.44	1.20 28.90	1.22 29.37	1.24 29.84	1.26 30.30	1.28 30.77	1.30 31.24	1.32 31.70	1.34 32.17
70	1.36 32.63	1.38 33.10	1.40 33.57	1.42 34.03	1.44 34.50	1.46 34.96	1.48 35.43	1.50 35.90	1.52 36.36	1.53 36.83
80	1.55 37.30	1.57 37.76	1.59 38.23	1.61 38.69	1.63 39.16	1.65 39.63	1.67 40.09	1.69 40.56	1.71 41.03	1.73 41.49
90	1.75 41.96	1.77 42.42	1.79 42.89	1.81 43.36	1.83 43.82	1.85 44.29	1.86 44.76	1.88 45.22	1.90 45.69	1.92 46.15
100	1.94 46.62	1.96 47.09	1.98 47.55	2.00 48.02	2.02 48.48	2.04 48.95	2.06 49.42	2.08 49.88	2.10 50.35	2.12 50.82

CONVERSION TABLE
(CENTIMETERS / SECOND - KNOTS - NAUTICAL MILES / DAY)

1 cm/sec = 0.019 kts = 0.466 NAUTICAL MILES / DAY
 1 kt = 24 NAUTICAL MILES / DAY = 51.48 cm/sec
 1 NAUTICAL MILE / DAY = 0.042 kts = 2.14 cm/sec

FIGURES

Cruise 7205

1. CalCOFI Cruise 7205, station positions
2. Horizontal distribution of dynamic height anomaly (0 over 500 d-bar)
3. Horizontal distribution of dynamic height anomaly (200 over 500 d-bar)
4. Horizontal distribution of temperature at 10 meters
5. Horizontal distribution of salinity at 10 meters
6. Horizontal distribution of thermosteric anomaly at 10 meters
7. Horizontal distribution of temperature at 200 meters
8. Horizontal distribution of salinity at 200 meters
9. Horizontal distribution of thermosteric anomaly at 200 meters

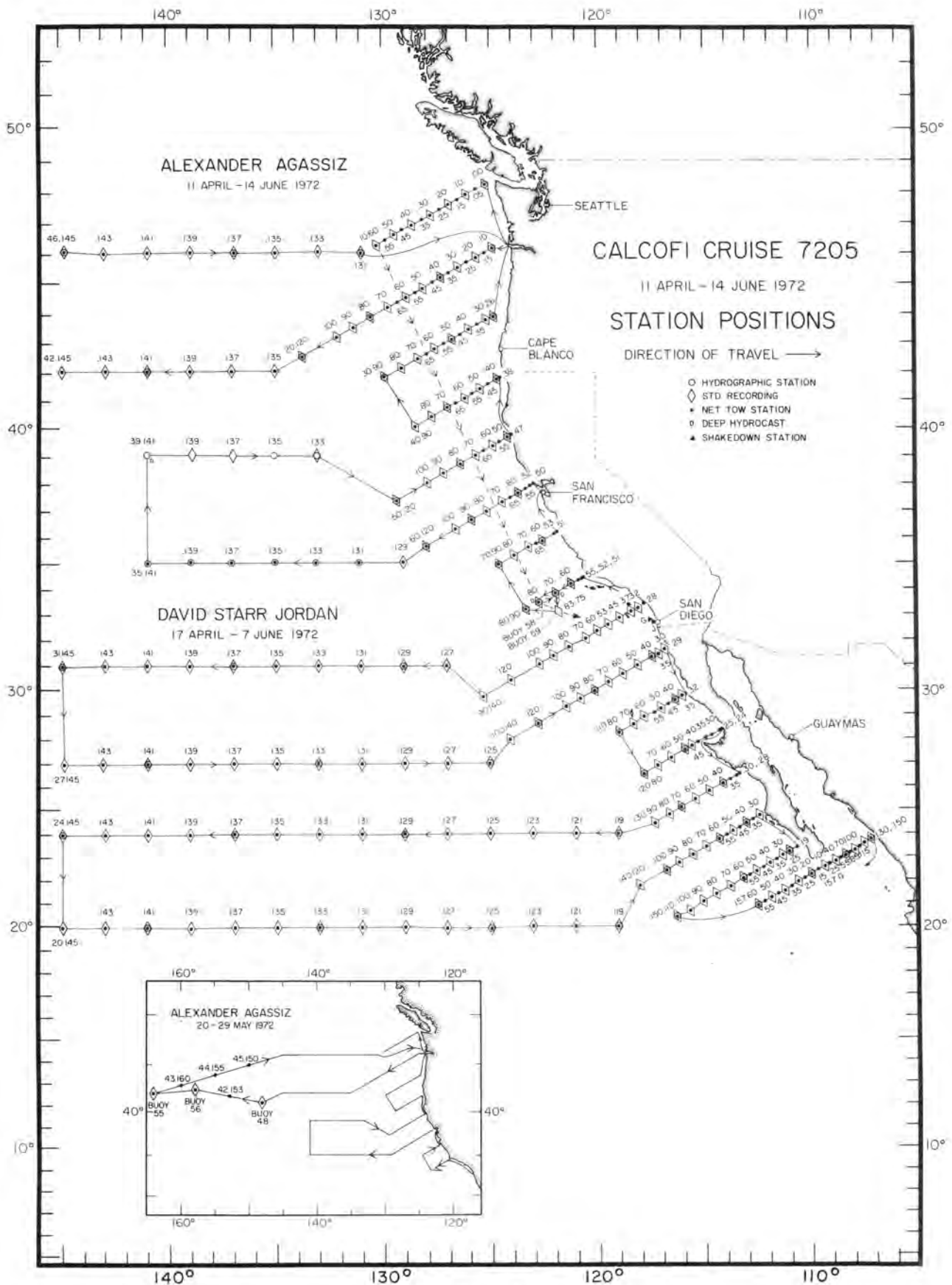


FIGURE 1

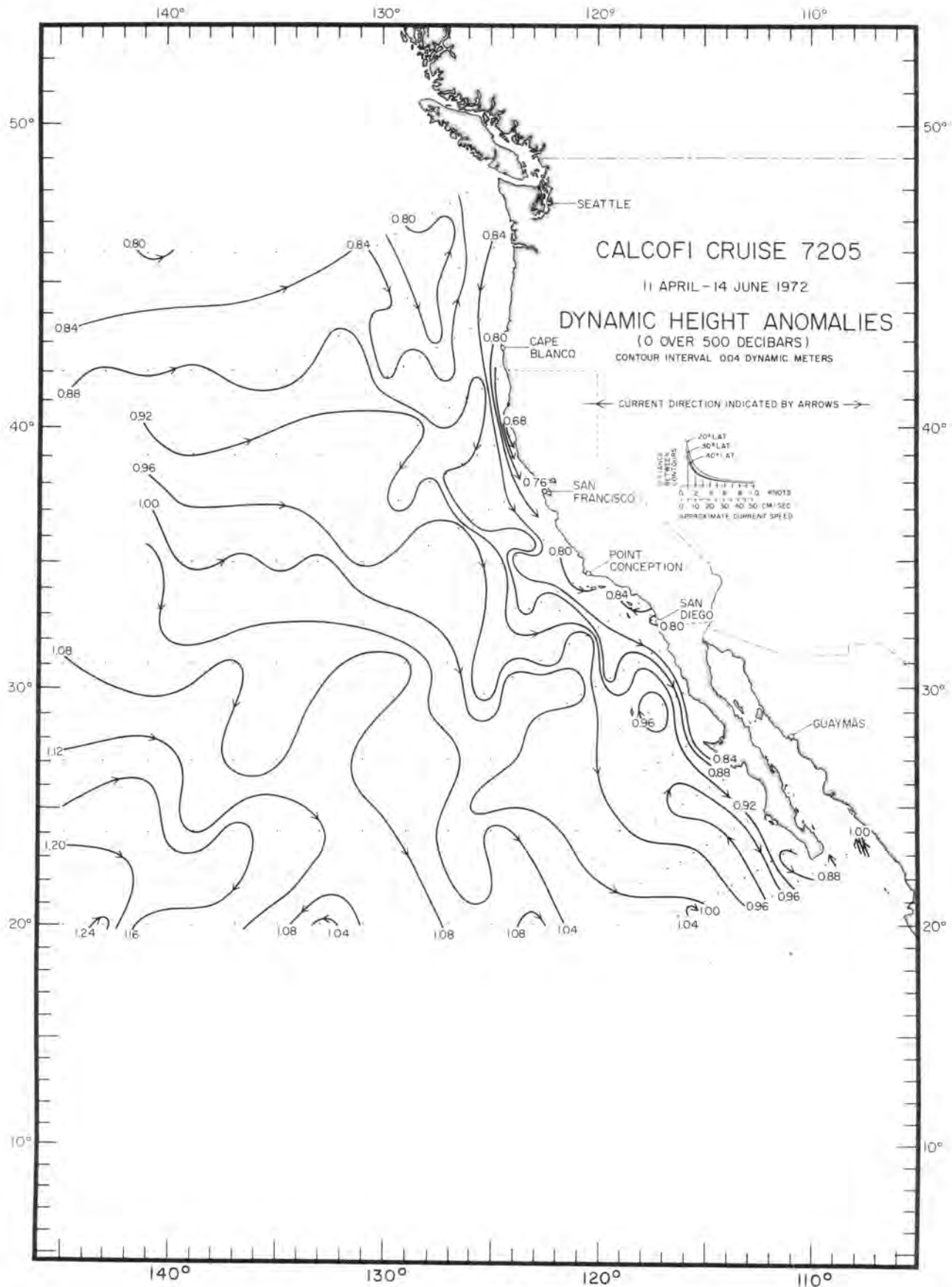


FIGURE 2

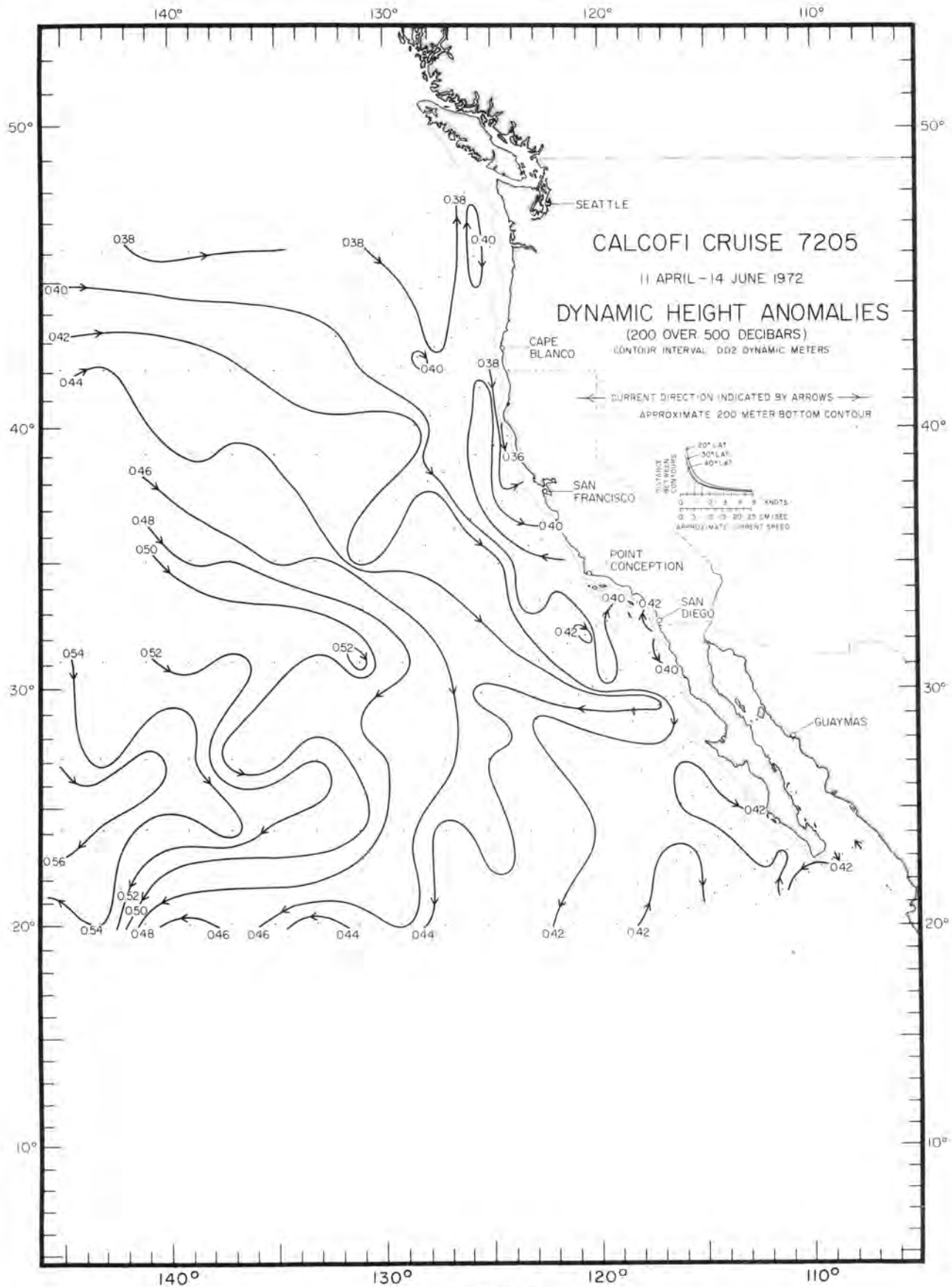


FIGURE 3

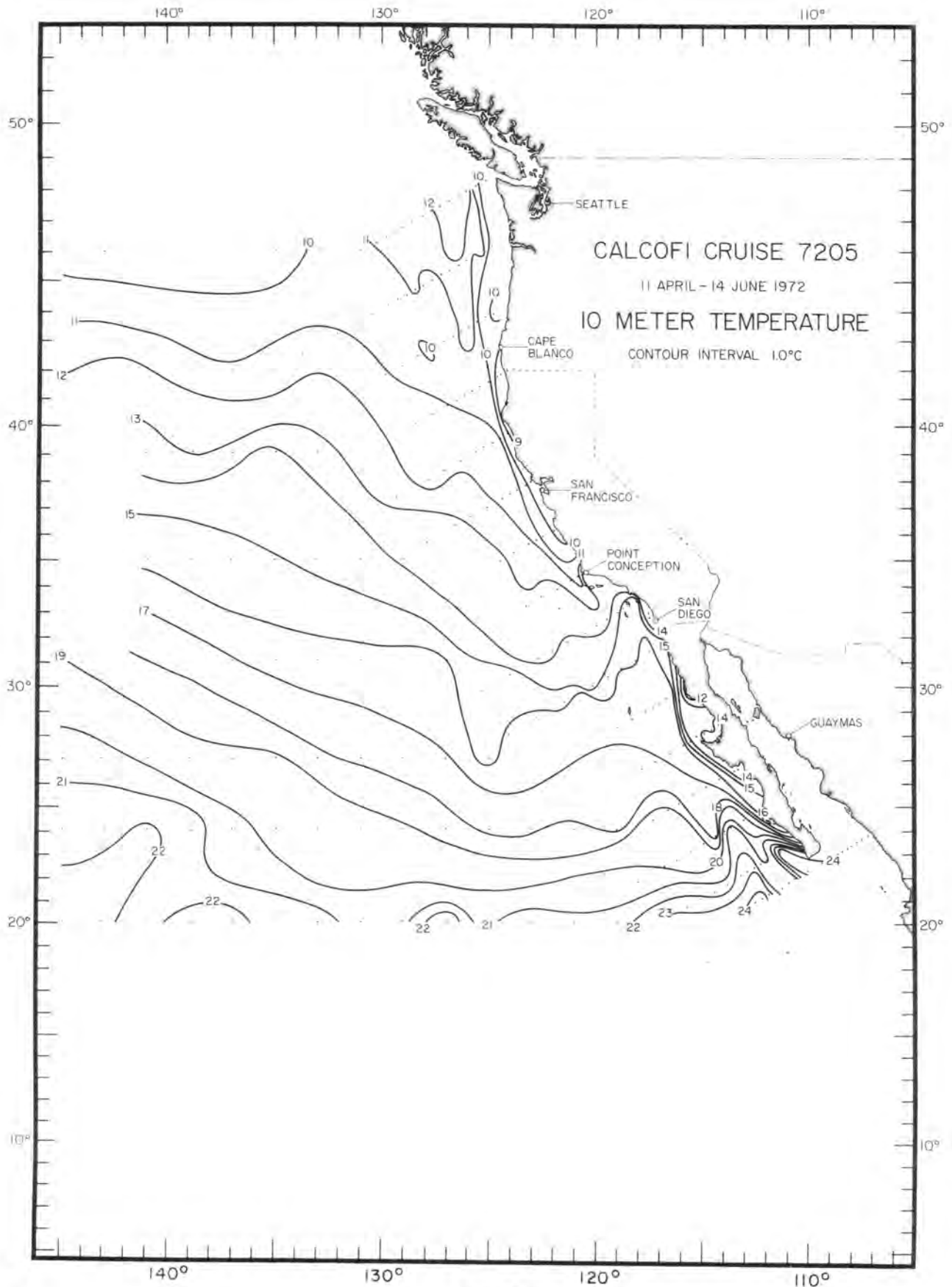


FIGURE 4

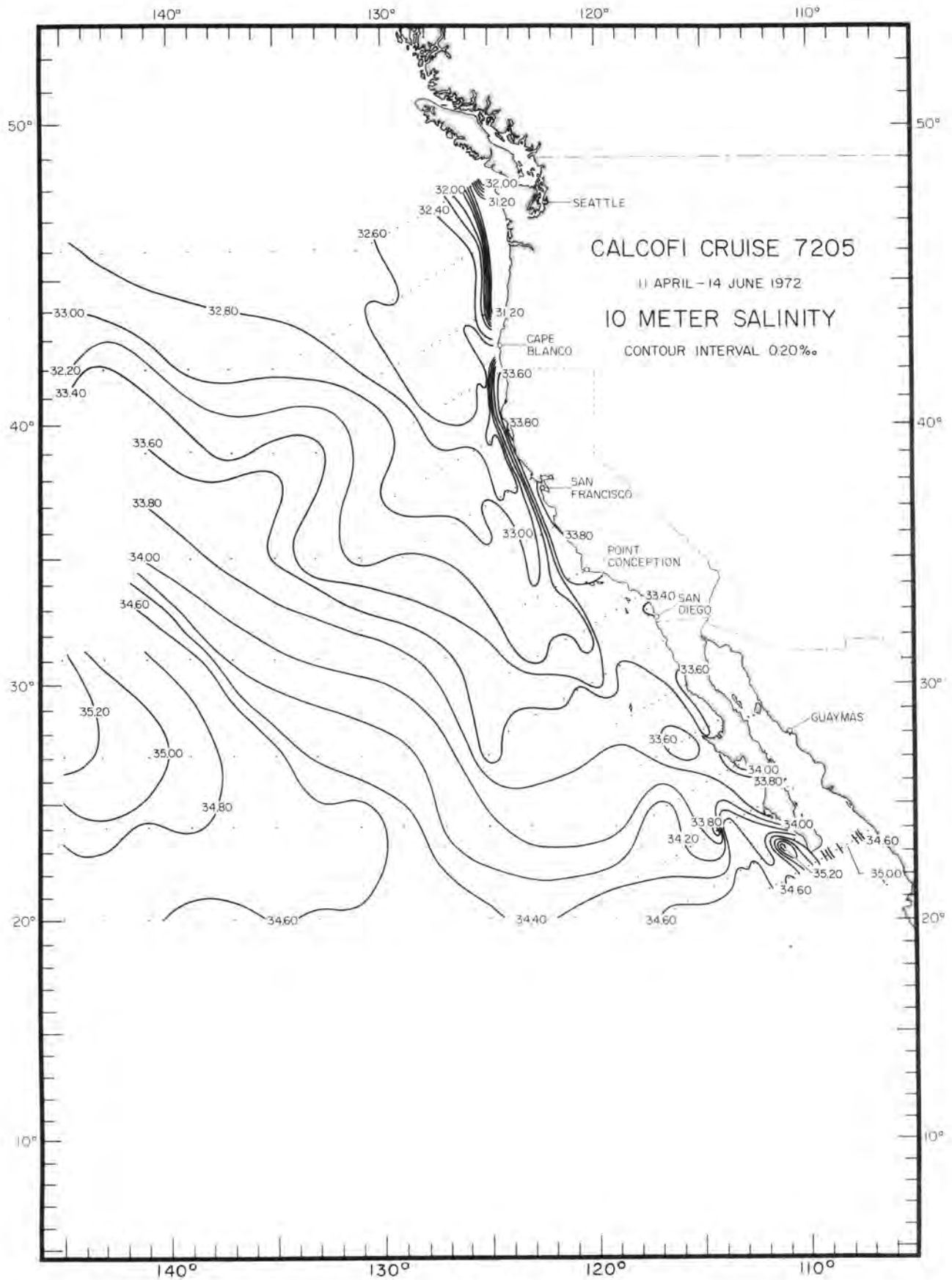


FIGURE 5

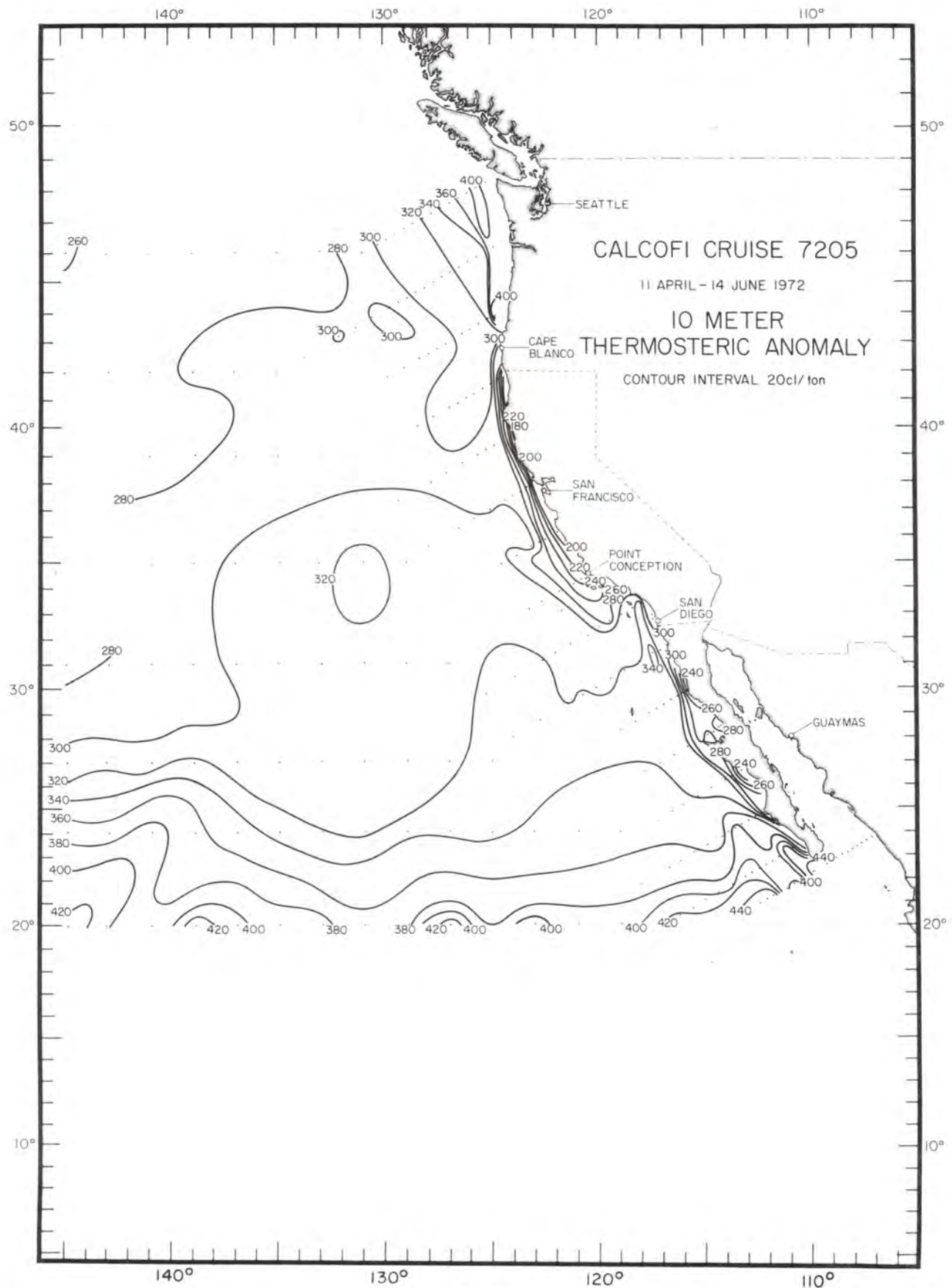


FIGURE 6

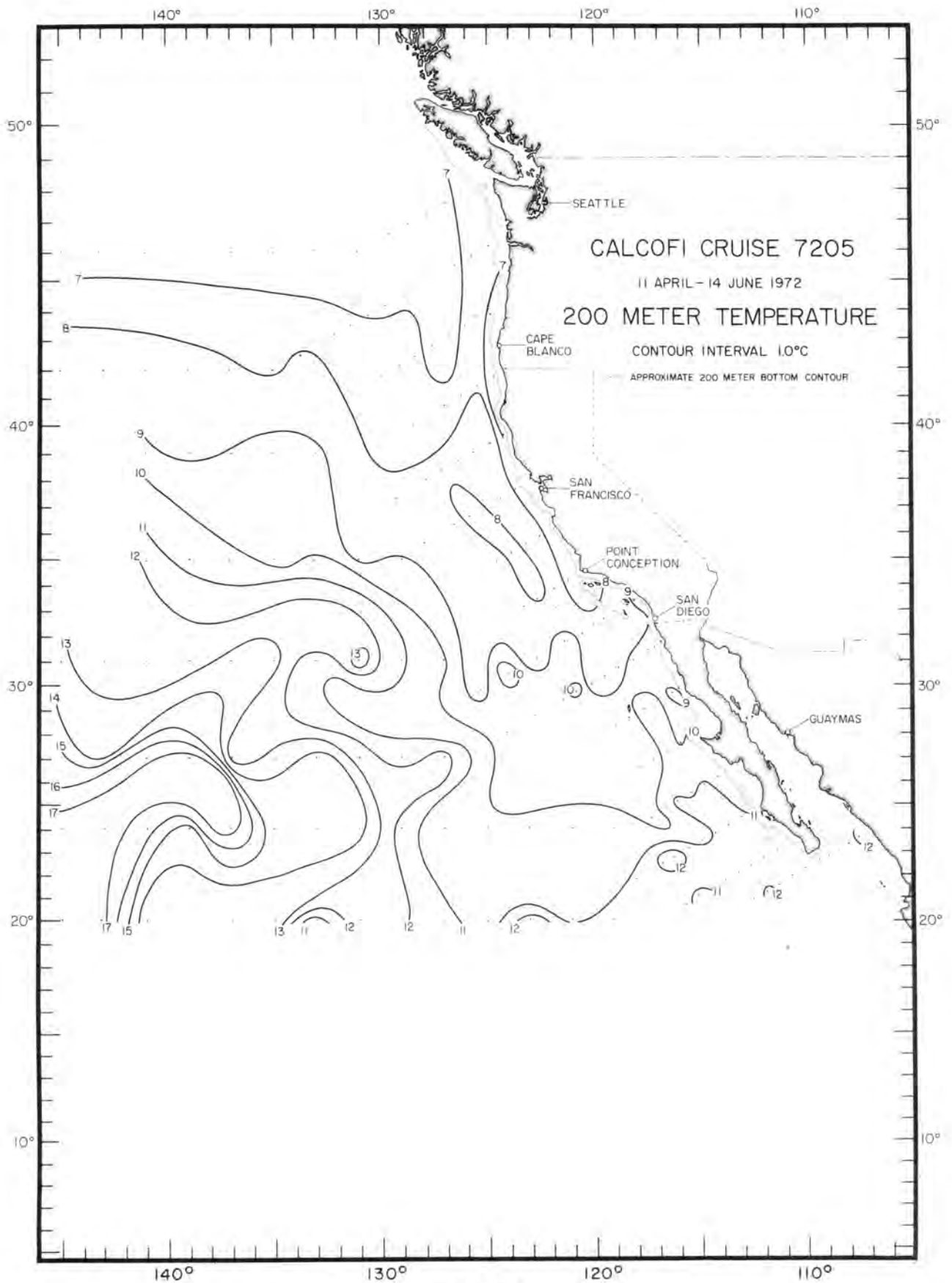


FIGURE 7

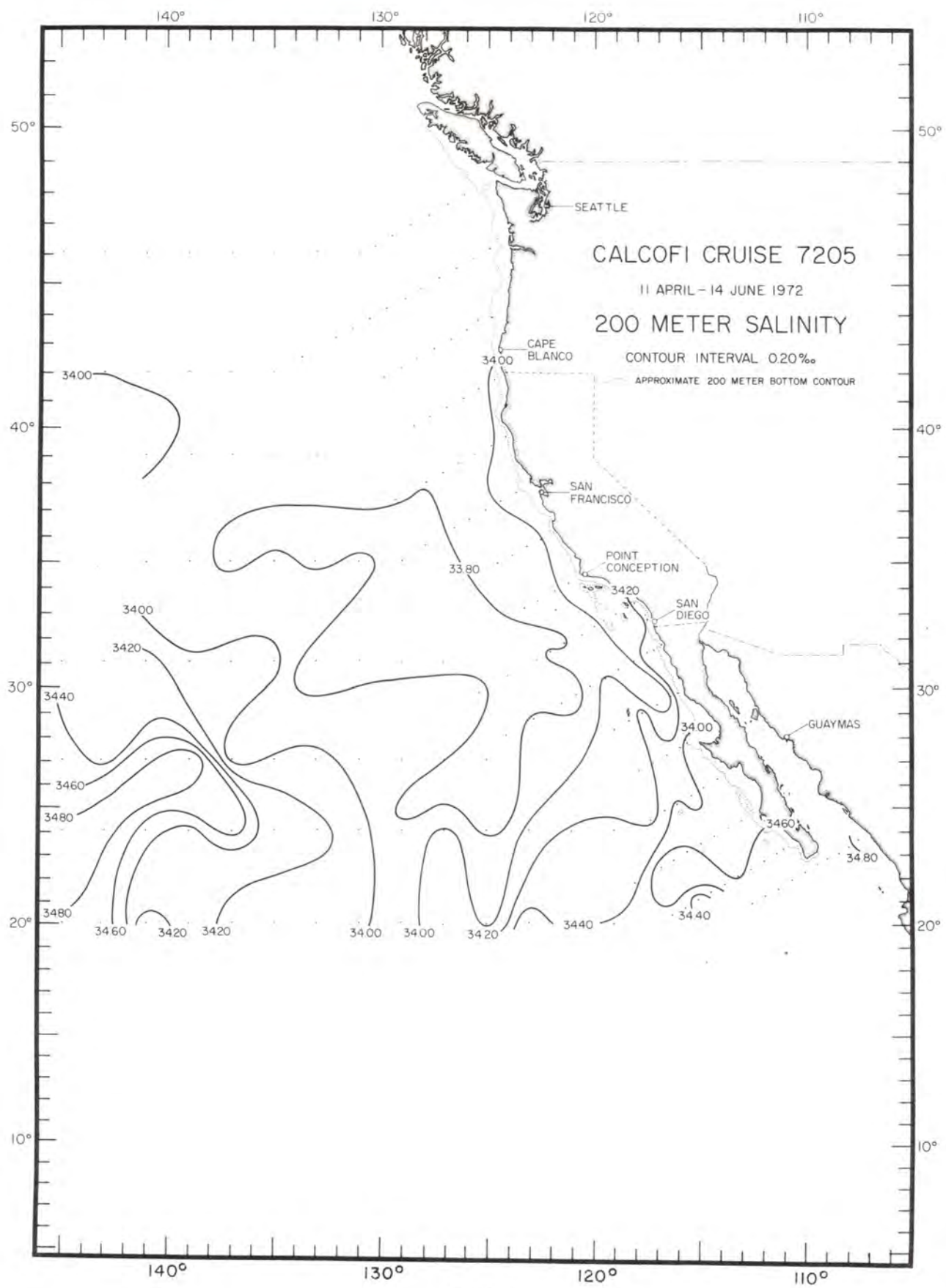


FIGURE 8

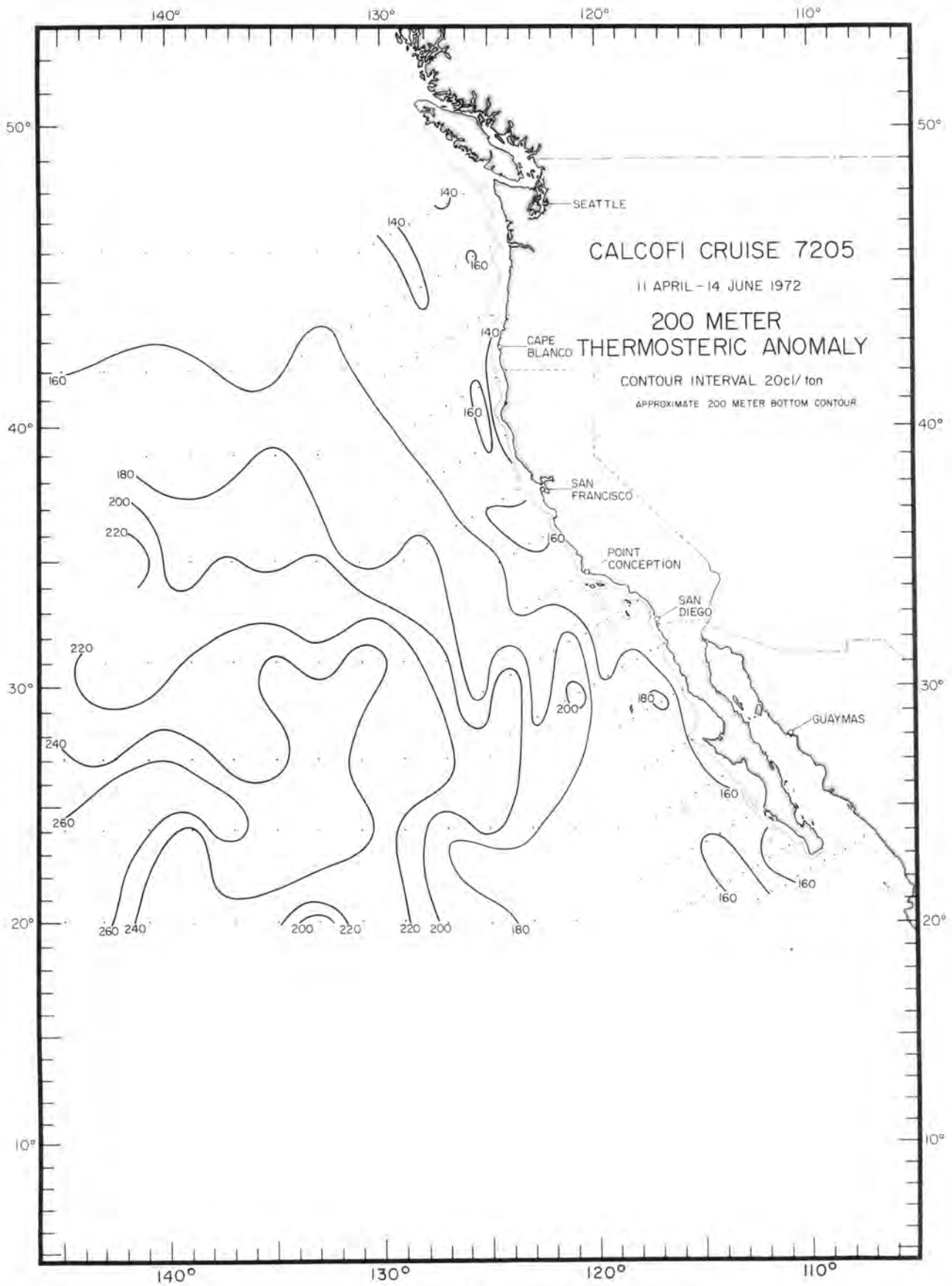


FIGURE 9

PERSONNEL
Cruise 7205

SHIP'S CAPTAINS

Davis, Laurence E., RV Alexander Agassiz
Forster, Charles W., RV David Starr Jordan

PERSONNEL PARTICIPATING IN THE COLLECTION OF DATA

RV Alexander Agassiz:

Bryan, Walter R. (in charge Legs I, II)	Marine Technician SIO
Muus, David A. (in charge Legs III, IV)	Staff Research Associate SIO
Borden, Randy L.	Sea Grant Student SDSU
Burgener, Bruce C.	Staff Research Associate SIO
Dumas, Frederick J.	Marine Technician SIO
Graham, Jerry	Electronics Technician SIO
Kellogg, Durrant	Marine Technician SIO
Kemp, Robert	Electronics Technician SIO
Kimura, Makoto	Fisheries Technician NMFS
Knutson, Kenneth	Electronics Technician SIO
McDonald, Judy	Sea Grant Student SDSU
Patla, Susan M.	Marine Technician SIO
Pierce, Stephen E.	Marine Technician SIO
Schmitt, James A.	Electronics Technician SIO
Thomas, James E.	Marine Technician SIO
Wilson, Robert C.	Sea Grant Student SDSU
Witherow, Sharon L.	Secretary SIO

RV David Starr Jordan:

Vrooman, Andrew M. (in charge)	Fishery Biologist NMFS
Barker, Susan G.	Volunteer
Brennen, Robert	Marine Technician SIO
Brown, Jack	Electronics Technician NMFS
Costello, James P.	Staff Research Associate SIO
Counts, Robert C.	Fishery Biologist NMFS
Davies, E.	Naval Underseas Center
Guttman, Michael A.	Sea Grant Student SDSU
Kimbrell, Carol A.	Biology Laboratory Technician NMFS
Metoyer, Jack D.	Biology Laboratory Technician NMFS
Peckham, Richard L.	Sea Grant Student SDSU
Shuey, Raymond E.	Electronics Technician NMFS
Sinclair, Michael M.	Marine Technician SIO
Smith, Paul E.	Fishery Biologist NMFS
Toy, Charles R.	Marine Technician GEOSECS
Woy, Fredrick	Staff Research Associate GEOSECS
Yates, Robert E.	Marine Technician SIO

RV ALEXANDER AGASSIZ							CALCOFI CRUISE 7205							10000	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
48 15.0N	125 10.5W	6/ 7/72		1052 GMT			121M	310	14KT	1					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
1	10.66	31.911	7.55	0.38	7.	0.06	0.7	348.6	0	10.66	31.911	7.55	24.457	548.6	0.000
11	9.24	32.156	6.46	0.93	16.	0.17	9.1	308.2	10	9.36	32.132	6.58	24.840	312.1	0.033
26	7.98	32.616	4.17	1.99	36.	0.31	23.1	255.9	20	8.39	32.415	5.05	25.210	276.8	0.063
36	7.39	33.054	3.44	2.19	40.	0.38	26.4	215.3	30	7.71	32.805	3.83	25.614	238.4	0.088
47	7.08	33.203	2.85	2.36	46.	0.39	28.9	200.1	50	7.02	33.289	2.69	26.091	193.1	0.132
63	6.87	33.638	2.24	2.55	52.	0.44	31.4	164.9	75	6.90	33.754	2.41	26.473	156.8	0.176
78	6.92	33.765	2.48	2.43	49.	0.28	31.1	156.1	100	6.91	33.841	2.50	26.540	150.4	0.214
103	6.91	33.841	2.50	2.41	50.	0.23	30.8	150.3							

RV ALEXANDER AGASSIZ							CALCOFI CRUISE 7205							10000	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
48 15.0N	125 10.5W	6/ 7/72		1155 GMT			121M	310	14KT	1					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
									0	10.13	31.95		24.576	337.2	0.000
									10	8.51	32.23		25.050	292.0	0.031
									20	8.15	32.43		25.260	272.1	0.060
									30	7.63	32.83		25.648	235.2	0.085
									50	6.96	33.53		26.290	174.1	0.126
									75	6.88	33.69		26.426	161.2	0.168
									100	6.91	33.86		26.556	148.9	0.207

RV ALEXANDER AGASSIZ							CALCOFI CRUISE 7205							10010	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
47 55.0N	126 03.5W	6/ 7/72		1650 GMT			1627M	330	11KT	1	330 2 6				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
									0	12.37	31.59		23.900	401.7	0.000
									10	12.37	31.93		24.163	376.6	0.039
									20	12.12	32.18		24.403	353.7	0.075
									30	9.50	32.16		24.842	311.9	0.109
									50	8.07	32.48		25.311	267.3	0.167
									75	7.32	32.71		25.597	240.0	0.230
									100	7.85	33.36		26.032	198.7	0.286
									125	7.90	33.67		26.267	176.3	0.333
									150	7.76	33.80		26.389	164.7	0.376
									200	7.35	33.90		26.526	151.7	0.457
									250	6.80	33.94		26.634	141.5	0.532
									300	6.25	33.97		26.730	132.4	0.602
									400	5.09	33.96		26.864	119.7	0.732
									500	4.84	34.07		26.979	108.7	0.851
									600	4.58	34.15		27.071	100.0	0.961
									700	4.40	34.22		27.147	92.8	1.064
									800	4.03	34.28		27.233	84.6	1.160
									1000	3.59	34.36		27.341	74.4	1.334

RV ALEXANDER AGASSIZ							CALCOFI CRUISE 7205							10020	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
47 35.0N	126 52.5W	6/ 7/72		2230 GMT			2473M	310	10KT	1	310 1 5				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
									0	12.70	32.33		24.409	353.2	0.000
									10	12.05	32.33		24.532	341.4	0.035
									20	11.75	32.36		24.611	333.9	0.069
									30	9.25	32.26		24.960	300.6	0.100
									50	7.95	32.46		25.313	267.1	0.157
									75	7.50	32.80		25.643	235.7	0.220
									100	7.37	33.35		26.092	192.9	0.274
									125	7.38	33.76		26.412	162.5	0.319
									150	7.18	33.87		26.527	151.7	0.359
									200	6.52	33.92		26.655	139.4	0.433
									250	5.85	33.92		26.741	131.3	0.502
									300	5.43	33.95		26.816	124.2	0.568
									400	5.05	34.05		26.940	112.5	0.690
									500	4.82	34.11		27.013	105.5	0.804
									600	4.45	34.19		27.117	95.6	0.910
									700	4.18	34.26		27.202	87.6	1.008
									800	3.90	34.30		27.262	81.8	1.099
									1000	3.44	34.40		27.388	70.0	1.265

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205								10020
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
47 35.0N	126 52.5W	6/ 7/72			2336	GMT	2473M	310	10KT	1	310 1 5						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
1	13.14	32.292	6.44	0.36	1.	0.00	0.0	364.1	0	13.14	32.292	6.44	24.294	364.1	0.000		
11	12.38	32.341	6.52	0.37	1.	0.00	0.0	346.5	10	12.46	32.340	6.51	24.460	348.2	0.036		
31	10.61	32.380	7.02	0.42	2.	0.00	0.0	313.1	20	11.62	32.365	6.74	24.637	331.4	0.070		
57	8.01	32.467	7.06	0.74	7.	0.14	4.9	267.4	30	10.70	32.382	6.99	24.812	314.8	0.102		
72	7.77	32.589	6.42	0.98	9.	0.22	8.3	255.0	50	8.59	32.433	7.05	25.195	278.3	0.161		
87	7.59	32.951	5.51	1.34	18.	0.05	14.8	227.1	75	7.73	32.650	6.25	25.491	250.1	0.228		
102	7.41	33.295	4.65	1.64	27.	0.02	20.6	197.6	100	7.43	33.250	4.76	26.004	201.3	0.285		
132	7.36	33.754	3.55	2.03	37.	0.00	26.8	162.7	125	7.36	33.681	3.73	26.351	168.3	0.331		
157	7.13	33.856	3.29	2.12	42.	0.00	28.4	152.0	150	7.21	33.845	3.33	26.502	154.0	0.372		
182	6.80	33.893	3.09	2.21	46.	0.00	29.9	145.0	200	6.55	33.886	2.93	26.624	142.4	0.447		
217	6.32	33.873	2.77	2.37	55.	0.00	31.9	140.5	250	5.99	33.907	2.43	26.712	134.1	0.518		
282	5.74	33.953	2.10	2.69	64.	0.00	36.4	127.5	300	5.61	33.971	1.95	26.810	124.7	0.584		
383	5.15	34.036	1.37	2.94	80.	0.00	40.7	114.6	400	5.10	34.049	1.28	26.932	113.2	0.707		
483	4.89	34.104	0.92	3.04	87.	0.00	43.1	106.7	500	4.83	34.118	0.86	27.017	105.1	0.821		
616	4.46	34.207	0.55		108.	0.00	44.0	94.4	600	4.51	34.195	0.58	27.114	95.9	0.927		
771	4.08								700	4.31	34.270	0.50	27.196	88.2	1.026		
921	3.70	34.371	0.37	3.18	128.	0.00	45.1	74.6	800	4.00	34.318	0.44	27.265	81.6	1.118		
1131	3.19	34.442	0.48	3.33	141.	0.00	45.8	64.6	1000	3.51	34.402	0.39	27.382	70.5	1.285		

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205								10030
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
47 14.5N	127 43.0W	6/ 8/72			0450	GMT	2673M	360	11KT	1	360 3 6						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	12.24	32.37		24.527	341.9	0.000		
									10	11.92	32.37		24.587	336.1	0.034		
									20	11.55	32.38		24.663	328.9	0.067		
									30	9.85	32.44		25.004	296.5	0.099		
									50	7.75	32.54		25.404	258.4	0.154		
									75	7.22	32.61		25.553	246.2	0.217		
									100	6.98	32.77		25.691	231.1	0.277		
									125	6.88	33.04		25.916	209.7	0.333		
									150	7.15	33.69		26.389	164.7	0.380		
									200	6.50	33.84		26.595	145.2	0.459		
									250	5.89	33.88		26.705	134.8	0.530		
									300	5.50	33.91		26.776	128.0	0.598		
									400	4.82	33.99		26.918	114.5	0.723		
									500	4.37	34.05		27.015	105.3	0.837		
									600	3.98	34.13		27.119	95.4	0.943		
									700	3.98	34.24		27.207	87.1	1.039		
									800	3.89	34.33		27.287	79.5	1.129		
									1000	3.37	34.40		27.394	69.4	1.293		

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205								10040
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
46 55.5N	128 36.0W	6/ 8/72			1119	GMT	2724M	360	12KT								
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	12.07	32.53		24.683	327.0	0.000		
									10	11.37	32.53		24.812	314.8	0.032		
									20	10.65	32.54		24.946	301.9	0.063		
									30	9.05	32.54		25.210	276.9	0.092		
									50	7.75	32.60		25.451	253.9	0.145		
									75	7.37	32.66		25.551	244.4	0.208		
									100	7.24	32.80		25.679	232.3	0.268		
									125	7.04	33.09		25.934	208.0	0.323		
									150	6.96	33.61		26.353	168.2	0.371		
									200	6.39	33.82		26.594	145.3	0.450		
									250	5.82	33.87		26.705	134.7	0.522		
									300	5.28	33.90		26.794	126.3	0.588		
									400	4.53	33.96		26.926	113.7	0.712		
									500	4.26	34.04		27.019	105.0	0.826		
									600	4.25	34.17		27.123	95.1	0.931		
									700	3.90	34.23		27.207	87.1	1.028		
									800	3.64	34.28		27.273	80.9	1.118		
									1000	3.27	34.38		27.388	70.0	1.282		

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205								10050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
46 35.0N	129 27.5W	6/ 8/72			1735	GMT	2577M	060	17KT	2	060 2 6						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	12.01	32.50		24.671	328.2	0.000		
									10	11.18	32.49		24.815	314.5	0.032		
									20	10.85	32.49		24.873	308.9	0.063		
									30	9.85	32.49		25.043	292.8	0.093		
									50	7.12	32.49		25.452	253.8	0.148		
									75	6.62	32.71		25.691	231.1	0.209		
									100	6.78	33.28		26.118	190.5	0.262		
									125	6.94	33.69		26.418	161.9	0.307		
									150	6.72	33.82		26.550	149.4	0.346		
									200	6.08	33.87		26.673	137.8	0.419		
									250	5.56	33.89		26.753	130.2	0.487		
									300	5.07	33.91		26.827	123.2	0.552		
									400	4.41	33.98		26.955	111.0	0.673		
									500	4.25	34.08		27.052	101.9	0.783		
									600	4.05	34.17		27.144	93.1	0.886		
									700	3.81	34.24		27.224	85.5	0.981		
									800	3.75	34.30		27.278	80.4	1.070		
									1000	3.20	34.40		27.410	67.8	1.232		

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				10060							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
46 15.0N	130 16.5W	6/ 8/72	2319	GMT	2080M	050	14KT	6	070	3	4				
Z	T	S	02	P04	SI03	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
0	11.17	32.61											24.909	305.5	0.000
10	10.80	32.61											24.975	299.2	0.030
20	10.13	32.61											25.089	288.3	0.060
30	9.08	32.60											25.252	272.9	0.088
50	8.00	32.67											25.470	252.1	0.140
75	7.27	32.69											25.588	240.9	0.202
100	6.75	32.68											25.650	235.0	0.262
125	6.50	32.86											25.824	218.4	0.319
150	6.54	33.35											26.204	182.3	0.370
200	6.25	33.81											26.604	144.3	0.452
250	5.42	33.83											26.722	133.1	0.523
300	5.08	33.85											26.778	127.8	0.590
400	4.29	33.93											26.928	113.5	0.714
500	4.05	34.03											27.035	103.4	0.826
600	4.03	34.15											27.130	94.4	0.930
700	3.82	34.23											27.215	86.4	1.026
800	3.59	34.29											27.286	79.7	1.115
1000	3.19	34.39											27.403	68.5	1.277

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				20010							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
46 10.0N	124 51.0W	5/14/72	0131	GMT	877M	340	18KT	4	350	5	5				
Z	T	S	02	P04	SI03	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
0	11.98	30.24											22.930	494.4	0.000
10	8.80	31.28											24.266	366.9	0.043
20	8.90	31.96											24.781	317.7	0.077
30	7.92	32.13											25.059	291.3	0.108
50	8.16	32.45											25.274	270.7	0.164
75	8.03	32.99											25.716	228.7	0.227
100	8.06	33.45											26.071	194.9	0.280
125	7.88	33.70											26.293	173.8	0.327
150	7.67	33.82											26.418	162.0	0.369
200	7.08	33.92											26.580	146.6	0.448
250	6.61	33.97											26.683	136.8	0.520
300	6.20	33.98											26.744	131.0	0.589
400	5.61	34.05											26.873	118.8	0.718
500	5.05	34.13											27.003	106.5	0.836
600	4.72	34.18											27.080	99.2	0.945
700	4.35	34.27											27.192	88.6	1.045

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				20010							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
46 10.0N	124 51.0W	5/14/72	0240	GMT	877M	340	18KT	4	350	5	5				
Z	T	S	02	P04	SI03	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
0	11.99	30.263	7.05	0.09	2.	0.01	0.0	492.9	0	11.99	30.263	7.05	22.946	492.9	0.000
10	9.69	31.090	7.87	0.19	1.	0.01	0.0	394.2	10	9.69	31.090	7.87	23.980	394.2	0.044
30	8.52	32.122	6.53	0.71	9.	0.11	5.1	300.2	20	9.11	31.783	7.34	24.608	334.1	0.081
40	8.37	32.369	6.51	0.76	9.	0.33	5.6	279.7	30	8.52	32.122	6.53	24.965	300.2	0.113
50	8.25	32.444	6.63	0.73	9.	0.28	5.9	272.4	50	8.25	32.444	6.63	25.256	272.4	0.170
65	8.12	32.675	6.05	0.94	12.	0.08	10.2	253.4	75	8.10	32.880	5.56	25.617	238.1	0.234
79	8.09	32.963	5.34	1.24	18.	0.02	15.2	231.6	100	8.12	33.441	4.09	26.053	196.6	0.289
99	8.13	33.421	4.13	1.64	28.	0.01	21.8	198.1	125	7.87	33.742	3.37	26.327	170.6	0.335
124	7.87	33.735	3.39	1.94	35.	0.01	26.8	171.1	150	7.73	33.833	3.07	26.418	162.0	0.377
144	7.80	33.811	3.14	2.03	38.	0.01	27.4	164.4	200	7.01	33.945	2.55	26.608	143.9	0.455
173	7.41	33.898	2.80	2.18	44.	0.01	29.1	152.6	250	6.60	33.972	2.28	26.684	136.7	0.527
203	6.97	33.947	2.53	2.27	50.	0.01	31.6	143.2	300	6.25	33.996	2.00	26.750	130.5	0.596
232	6.73	33.963	2.35	2.36	53.	0.00	34.6	138.9	400	5.67	34.015	1.55	26.838	122.1	0.726
272	6.45	33.979	2.20	2.46	58.	0.00	33.4	134.2	500	5.06	34.131	0.90	27.001	106.7	0.846
332	6.03	34.011	1.76	2.58	65.	0.00	37.3	126.6							
407	5.63	34.016	1.53	2.71	69.	0.00	38.3	121.5							
481	5.15	34.114	0.95	2.96	83.	0.00	40.6	108.8							
563	4.88	34.132	0.73	3.11	92.	0.00	44.0	103.0							

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				20020							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
45 51.0N	125 38.0W	5/14/72	0757	GMT	1757M	330	13KT	0							
Z	T	S	02	P04	SI03	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
0	11.49	32.49											24.759	319.8	0.000
10	10.94	32.47											24.841	311.9	0.032
20	9.92	32.40											24.961	300.6	0.062
30	9.37	32.47											25.105	286.9	0.092
50	8.85	32.57											25.264	271.7	0.148
75	8.34	33.26											25.881	213.0	0.209
100	8.40	33.64											26.169	185.6	0.259
125	8.25	33.72											26.254	177.5	0.305
150	8.12	33.81											26.344	169.0	0.349
200	7.89	33.88											26.433	160.6	0.432
250	7.55	33.94											26.529	151.4	0.512
300	7.00	33.98											26.638	141.1	0.587
400	5.89	34.05											26.839	122.0	0.724
500	5.26	34.09											26.947	111.8	0.846
600	4.80	34.17											27.063	100.8	0.959
700	4.38	34.25											27.172	90.4	1.061
800	4.18	34.31											27.241	83.9	1.155
1000	3.66	34.42											27.382	70.5	1.325

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205						
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
45 31.0N	126 27.0W	5/14/72	1432	GMT		2709M	W10	12KT	2	010	4	4			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD
									0	11.90	32.52		24.707	324.7	0.000
									10	11.90	32.52		24.707	324.7	0.032
									20	10.63	32.51		24.927	303.8	0.064
									30	9.84	32.52		25.067	290.4	0.094
									50	9.24	32.48		25.153	284.2	0.151
									75	8.23	32.59		25.373	261.3	0.220
									100	7.95	33.07		25.790	221.7	0.280
									125	7.56	33.61		26.269	176.1	0.331
									150	7.55	33.81		26.427	161.1	0.373
									200	6.74	33.88		26.595	145.2	0.451
									250	6.20	33.90		26.681	137.0	0.523
									300	5.65	33.92		26.766	129.0	0.592
									400	4.97	34.03		26.933	113.1	0.717
									500	4.96	34.11		26.997	107.0	0.832
									600	4.56	34.20		27.113	96.0	0.939
									700	4.21	34.27		27.206	87.2	1.037
									800	3.95	34.32		27.273	80.8	1.127
									1000	3.50	34.41		27.390	69.8	1.293

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205						
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
45 12.0N	127 15.5W	5/14/72	2013	GMT		2872M	W10	3KT	2	060	2	4			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD
									0	11.45	32.48		24.758	319.8	0.000
									10	9.85	32.49		25.043	292.8	0.031
									20	9.29	32.49		25.133	284.2	0.060
									30	9.10	32.51		25.179	279.8	0.088
									50	8.81	32.51		25.224	275.6	0.143
									75	8.09	32.83		25.582	241.5	0.208
									100	8.10	33.29		25.940	207.4	0.265
									125	7.57	33.65		26.299	173.3	0.313
									150	7.42	33.81		26.446	159.3	0.355
									200	6.92	33.90		26.586	146.0	0.433
									250	6.22	33.97		26.734	132.0	0.504
									300	5.75	34.00		26.817	124.1	0.569
									400	5.00	34.06		26.953	111.2	0.691
									500	4.56	34.09		27.026	104.3	0.804
									600	4.29	34.22		27.158	91.7	0.907
									700	4.13	34.27		27.215	86.4	1.002
									800	3.86	34.31		27.274	80.7	1.092
									1000	3.50	34.41		27.390	69.8	1.257

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205						
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
45 12.0N	127 15.5W	5/14/72	2149	GMT		2872M	W10	3KT	2	060	2	4			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD
									0	11.59	32.489		24.740	321.6	0.000
									10	11.01	32.496		24.847	311.4	0.032
									20	10.13	32.480	7.35	24.986	298.2	0.062
									30	9.30	32.466	7.14	25.111	286.3	0.091
									50	8.77	32.481	6.94	25.205	277.3	0.148
									75	7.94	32.509	6.81	25.351	263.5	0.216
									100	7.83	32.793	5.34	25.589	240.8	0.279
									125	7.66	33.306	4.43	26.016	200.2	0.335
									150	7.58	33.666	4.08	26.309	172.4	0.382
									200	7.04	33.891	3.48	26.561	148.4	0.463
									250	6.37	33.935	2.76	26.686	136.5	0.536
									300	5.69	33.959	1.99	26.791	126.6	0.604
									400	4.83	34.019	1.33	26.940	112.4	0.727
									500	4.60	34.110	0.85	27.037	103.3	0.840
									600	4.29	34.186	0.52	27.130	94.4	0.944
									700	4.06	34.256	0.36	27.211	86.8	1.040
									800	3.83	34.314	0.33	27.280	80.2	1.130
									1000	3.59	34.405	0.40	27.396	69.2	1.294

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205						
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
44 49.0N	128 06.0W	5/15/72	0355	GMT		2862M	W10	16KT	2	230	3	3			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD
									0	11.77	32.47		24.692	326.1	0.000
									10	9.46	32.45		25.075	289.7	0.031
									20	8.95	32.48		25.179	279.8	0.059
									30	8.66	32.50		25.239	274.1	0.087
									50	8.15	32.62		25.409	257.9	0.140
									75	7.62	33.09		25.853	215.7	0.200
									100	7.54	33.61		26.272	175.8	0.249
									125	7.22	33.77		26.443	159.6	0.291
									150	6.96	33.86		26.549	149.5	0.331
									200	6.51	33.93		26.665	138.6	0.404
									250	5.81	33.95		26.770	128.6	0.472
									300	5.62	33.98		26.817	124.1	0.537
									400	4.90	34.02		26.933	113.1	0.660
									500	4.61	34.09		27.021	104.8	0.773
									600	4.30	34.19		27.133	94.1	0.878
									700	4.19	34.27		27.209	87.0	0.975
									800	4.00	34.32		27.268	81.3	1.066
									1000	3.50	34.41		27.390	69.8	1.232

20060

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME				BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
44 30.0N		128 52.0W		5/15/72	0955	GMT		2825M	250	15KT					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	10.81	32.47		24.864	309.8	0.000
									10	9.95	32.52		25.049	292.1	0.030
									20	8.96	32.56		25.239	274.1	0.058
									30	8.53	32.56		25.305	267.8	0.086
									50	8.05	32.59		25.400	258.8	0.138
									75	7.70	32.66		25.505	248.8	0.202
									100	7.40	32.84		25.688	231.4	0.262
									125	7.51	33.31		26.041	197.8	0.316
									150	7.32	33.55		26.256	177.4	0.364
									200	6.95	33.84		26.535	150.9	0.447
									250	6.27	33.92		26.688	136.4	0.521
									300	5.72	33.93		26.765	129.0	0.589
									400	4.86	34.00		26.922	114.2	0.714
									500	4.37	34.04		27.007	106.1	0.829
									600	4.14	34.15		27.119	95.5	0.935
									700	3.97	34.22		27.192	88.5	1.033
									800	3.74	34.29		27.271	81.1	1.124
									1000	3.27	34.40		27.404	68.4	1.287

20070

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME				BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
44 11.0N		129 43.0W		5/15/72	1556	GMT		2709M	260	17KT	1		260	6	4
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	10.92	32.55		24.907	305.7	0.000
									10	10.92	32.55		24.907	305.7	0.031
									20	9.45	32.55		25.154	282.2	0.060
									30	8.90	32.57		25.257	272.4	0.088
									50	8.49	32.60		25.343	264.2	0.142
									75	8.02	32.73		25.514	248.0	0.206
									100	7.55	32.81		25.644	235.6	0.267
									125	7.34	33.25		26.018	200.0	0.321
									150	7.30	33.53		26.243	178.6	0.369
									200	6.93	33.86		26.553	149.1	0.453
									250	6.34	33.90		26.663	138.7	0.526
									300	5.87	33.95		26.762	129.3	0.595
									400	5.27	34.02		26.890	117.2	0.722
									500	4.75	34.04		26.966	110.0	0.841
									600	4.40	34.15		27.091	98.1	0.950
									700	4.12	34.24		27.192	88.5	1.050
									800	3.83	34.30		27.270	81.2	1.141
									1000	3.34	34.40		27.397	69.1	1.306

20080

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME				BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
43 51.0N		130 31.0W		5/15/72	2119	GMT		3312M	290	6KT	1		290	5	4
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	11.20	32.59		24.889	307.4	0.000
									10	10.73	32.59		24.971	299.6	0.030
									20	10.44	32.59		25.021	294.8	0.060
									30	9.50	32.71		25.271	271.0	0.088
									50	8.85	32.72		25.381	260.5	0.142
									75	8.43	32.78		25.492	250.0	0.206
									100	7.90	32.87		25.641	235.9	0.267
									125	7.35	33.16		25.946	206.8	0.323
									150	7.32	33.56		26.264	176.6	0.371
									200	6.99	33.87		26.553	149.2	0.454
									250	6.29	33.93		26.693	135.8	0.527
									300	5.78	33.91		26.742	131.2	0.595
									400	4.84	33.97		26.900	116.2	0.723
									500	4.24	34.02		27.005	106.3	0.839
									600	4.07	34.12		27.102	97.0	0.945
									700	3.95	34.21		27.186	89.1	1.044
									800	3.79	34.29		27.266	81.6	1.136
									1000	3.40	34.41		27.399	68.9	1.300

20080

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME				BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
43 51.0N		130 31.0W		5/15/72	2239	GMT		3312M	290	6KT	1		290	5	4
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	11.25	32.602		24.889	307.4	0.000
									10	10.80	32.592		24.961	300.6	0.030
									20	10.15	32.640		25.108	286.6	0.060
									30	9.50	32.696		25.260	272.1	0.088
									50	8.78	32.717		25.388	259.9	0.141
									75	8.18	32.735		25.492	250.0	0.205
									100	7.91	32.867		25.637	236.2	0.266
									125	7.51	33.137		25.904	210.8	0.323
									150	7.33	33.498		26.212	181.6	0.372
									200	7.03	33.823		26.509	153.3	0.457
									250	6.33	33.904		26.666	138.4	0.532
									300	5.65	33.912		26.758	129.7	0.600
									400	4.82	33.956		26.890	117.2	0.728
									500	4.29	34.025		27.003	106.5	0.844
									600	4.10	34.110		27.090	98.2	0.951
									700	3.94	34.198		27.177	90.0	1.051
									800	3.78	34.284		27.261	82.0	1.143
									1000	3.43	34.409		27.396	69.2	1.309

RV ALEXANDER AGASSIZ								CALCOFI CRUISE 7205								20090
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
43 30.0N	131 20.0W	5/16/72	0344	GMT			3481M	360	25KT	2	360	6	6			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	11.30	32.79		25.011	295.8	0.000	
									10	11.36	32.79		25.015	295.4	0.030	
									20	11.08	32.78		25.057	291.4	0.059	
									30	10.01	32.77		25.234	274.4	0.087	
									50	9.75	32.82		25.516	266.8	0.142	
									75	9.35	32.84		25.396	259.1	0.208	
									100	8.68	32.92		25.564	243.2	0.271	
									125	8.18	33.24		25.889	212.2	0.328	
									150	7.92	33.66		26.256	177.3	0.377	
									200	7.20	33.88		26.532	151.2	0.461	
									250	6.63	33.91		26.633	141.6	0.536	
									300	5.91	33.92		26.734	132.0	0.606	
									400	5.04	34.01		26.909	115.4	0.734	
									500	4.57	34.05		26.993	107.4	0.850	
									600	4.25	34.14		27.099	97.3	0.957	
									700	3.92	34.20		27.181	89.6	1.057	
									800	3.71	34.26		27.250	83.1	1.149	
									1000	3.29	34.39		27.394	69.4	1.316	

RV ALEXANDER AGASSIZ								CALCOFI CRUISE 7205								20100
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
43 12.0N	132 06.0W	5/16/72	0937	GMT			3674M	010	21KT	2	010	5	5			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	11.55	32.78		24.972	299.4	0.000	
									10	11.55	32.78		24.972	299.4	0.030	
									20	11.55	32.78		24.972	299.4	0.060	
									30	10.30	32.72		25.146	282.9	0.089	
									50	9.72	32.74		25.258	272.2	0.145	
									75	9.40	32.78		25.341	264.3	0.212	
									100	8.95	32.80		25.428	256.1	0.278	
									125	8.63	32.87		25.532	246.2	0.341	
									150	8.15	33.24		25.897	211.5	0.399	
									200	7.70	33.85		26.437	160.1	0.493	
									250	6.93	33.90		26.585	146.2	0.571	
									300	6.23	33.93		26.701	135.1	0.644	
									400	5.41	33.99		26.850	121.0	0.776	
									500	4.90	34.05		26.957	110.9	0.897	
									600	4.50	34.13		27.064	100.6	1.008	
									700	4.25	34.20		27.147	92.8	1.111	
									800	4.01	34.29		27.243	83.7	1.206	
									1000	3.54	34.39		27.370	71.7	1.377	

RV ALEXANDER AGASSIZ								CALCOFI CRUISE 7205								20120
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
42 30.0N	133 42.0W	5/16/72	1920	GMT			3844M	010	19KT	2	010	5	5			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	11.31	32.88		25.094	287.9	0.000	
									10	11.31	32.88		25.094	287.9	0.029	
									20	11.02	32.95		25.200	277.8	0.057	
									30	10.95	33.00		25.251	272.9	0.085	
									50	10.37	33.01		25.360	262.6	0.138	
									75	9.56	33.00		25.487	250.5	0.203	
									100	8.90	33.06		25.639	236.0	0.264	
									125	8.95	33.34		25.850	216.0	0.321	
									150	8.00	33.46		26.088	193.3	0.373	
									200	8.10	33.90		26.417	162.0	0.463	
									250	7.37	33.92		26.539	150.5	0.543	
									300	6.56	33.90		26.634	141.4	0.618	
									400	5.31	33.92		26.806	125.1	0.756	
									500	4.35	33.96		26.946	111.9	0.879	
									600	3.98	34.06		27.064	100.7	0.990	
									700	3.85	34.15		27.148	92.7	1.092	
									800	3.66	34.26		27.255	82.6	1.186	
									1000	3.26	34.39		27.397	69.1	1.351	

RV ALEXANDER AGASSIZ								CALCOFI CRUISE 7205								20120
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
42 30.0N	133 42.0W	5/16/72	2045	GMT			3844M	010	19KT	2	010	5	5			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	11.20	32.879	6.80	25.112	286.1	0.000	
									10	11.21	32.882	6.78	25.113	286.1	0.029	
									20	10.94	32.892	6.87	25.167	280.9	0.057	
									30	10.56	32.898	6.96	25.240	274.0	0.085	
									50	9.97	32.912	6.89	25.349	263.6	0.139	
									75	9.33	32.854	6.91	25.408	258.0	0.204	
									100	8.84	32.904	6.58	25.526	246.7	0.268	
									125	8.90	32.980	6.44	25.576	242.0	0.329	
									150	8.12	33.344	6.31	25.978	203.8	0.386	
									200	8.09	33.859	5.01	26.386	164.9	0.479	
									250	7.59	33.935	4.62	26.520	152.3	0.560	
									300	6.84	33.932	4.03	26.621	142.7	0.636	
									400	5.38	33.919	2.67	26.797	126.0	0.775	
									500	4.43	33.968	1.82	26.943	112.2	0.899	
									600	4.00	34.062	1.32	27.062	100.8	1.010	
									700	3.82	34.171	0.84	27.168	90.9	1.112	
									800	3.68	34.264	0.48	27.256	82.5	1.205	
									1000	3.31	34.382	0.38	27.385	70.3	1.371	

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30026			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
43 52.0N	124 47.0W	MO	DAY	YR	0939	GMT	297M	350	11KT	0	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	11.31	29.40		22.400	545.2	0.000
									10	10.50	30.74		23.575	432.8	0.049
									20	9.12	32.20		24.934	303.2	0.086
									30	8.86	32.32		25.068	290.4	0.115
									50	8.58	32.43		25.196	278.2	0.172
									75	8.06	32.89		25.633	236.6	0.237
									100	8.12	33.37		26.000	201.7	0.292
									125	7.98	33.69		26.271	175.9	0.340
									150	7.47	33.86		26.478	156.3	0.382
									200	6.90	33.95		26.628	142.0	0.458
									250	6.38	34.00		26.737	131.7	0.528

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30026					
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
43 52.0N	124 47.0W	MO	DAY	YR	1018	GMT	297M	350	11KT	0	O2	SIGT	DT	DD			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	11.30	29.402	6.65	22.403	544.9	0.000		
									10	10.71	30.222	6.94	23.135	474.8	0.051		
									20	9.70	31.391	6.87	24.209	372.3	0.093		
									30	8.86	32.314	6.68	25.060	291.1	0.127		
									50	8.62	32.441	6.59	25.197	278.1	0.184		
									75	8.20	32.766	5.80	25.513	248.0	0.250		
									100	8.15	33.446	4.06	26.053	196.7	0.306		
									125	7.91	33.767	3.14	26.339	169.4	0.352		
									150	7.48	33.892	2.80	26.500	154.2	0.393		
									154	7.41	33.901	2.79	2.25	44.	0.01	28.8	152.4

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30030			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
43 46.5N	125 28.0W	MO	DAY	YR	0605	GMT	1479M	360	13KT	0	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	10.81	30.69		23.484	441.5	0.000
									10	9.87	32.30		24.891	307.2	0.037
									20	9.71	32.37		24.972	299.5	0.068
									30	9.33	32.37		25.033	293.7	0.098
									50	9.05	32.51		25.186	279.1	0.155
									75	8.20	32.83		25.566	243.0	0.220
									100	8.23	33.32		25.944	207.0	0.277
									125	8.04	33.63		26.215	181.2	0.326
									150	7.81	33.78		26.366	166.9	0.370
									200	7.22	33.90		26.545	150.0	0.451
									250	6.59	33.96		26.677	137.3	0.524
									300	6.18	33.98		26.747	130.8	0.593
									400	5.54	34.05		26.882	118.0	0.722
									500	5.07	34.12		26.992	107.4	0.840
									600	4.76	34.19		27.083	98.8	0.949
									700	4.37	34.26		27.181	89.5	1.050
									800	4.12	34.31		27.248	83.3	1.143
									1000	3.67	34.41		27.373	71.4	1.313

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30040			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
43 27.0N	125 57.0W	MO	DAY	YR	0005	GMT	2974M	350	11KT	1	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	11.68	32.60		24.809	315.0	0.000
									10	11.18	32.59		24.892	307.1	0.031
									20	11.07	32.59		24.912	305.2	0.062
									30	11.00	32.59		24.924	304.1	0.092
									50	10.68	32.58		24.972	299.5	0.153
									75	9.03	32.74		25.369	261.7	0.223
									100	8.50	33.13		25.755	225.0	0.284
									125	8.22	33.42		26.024	199.4	0.338
									150	7.96	33.68		26.266	176.4	0.386
									200	7.37	33.93		26.547	149.7	0.468
									250	6.71	33.95		26.654	139.6	0.542
									300	6.20	33.99		26.752	130.3	0.612
									400	5.36	34.05		26.903	115.9	0.739
									500	4.78	34.08		26.994	107.3	0.856
									600	4.31	34.14		27.093	97.9	0.964
									700	4.10	34.22		27.178	89.8	1.064
									800	3.98	34.31		27.262	81.9	1.156
									1000	3.57	34.42		27.391	69.7	1.323

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30050			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
43 07.5N	126 42.0W	5/ 9/72	1714	GMT	3335M	030	3KT	2	270	1	5				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
0									0	10.70	32.51		24.91*	305.0	0.000
10									10	10.13	32.52		25.019	295.0	0.030
20									20	10.08	32.53		25.036	293.4	0.059
30									30	9.47	32.51		25.120	285.4	0.088
50									50	9.11	32.56		25.216	276.3	0.145
75									75	8.73	32.57		25.283	269.9	0.213
100									100	7.66	32.78		25.605	239.3	0.277
125									125	7.40	33.23		25.994	202.3	0.333
150									150	7.28	33.59		26.293	173.9	0.380
200									200	6.90	33.85		26.549	149.5	0.463
250									250	6.33	33.88		26.649	140.1	0.537
300									300	5.76	33.92		26.752	130.2	0.606
400									400	4.86	33.97		26.898	116.4	0.733
500									500	4.45	34.04		26.999	106.9	0.849
600									600	4.19	34.16		27.121	95.2	0.956
700									700	4.00	34.23		27.197	88.1	1.053
800									800	3.90	34.31		27.270	81.1	1.144
1000									1000	3.44	34.42		27.403	68.5	1.308

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30050			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
43 07.5N	126 42.0W	5/ 9/72	1842	GMT	3335M	030	3KT	2	270	1	5				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
0	10.80	32.520	6.85	0.48	1.	0.05	1.0	305.9	0	10.80	32.520	6.85	24.985	305.9	0.000
10	10.36	32.519	6.79	0.47	1.	0.05	0.9	298.8	10	10.36	32.519	6.79	24.980	298.8	0.030
30	10.08	32.542	6.79	0.50	1.	0.05	0.8	292.6	20	10.19	32.533	6.79	25.017	295.3	0.060
56	9.18	32.550	6.81	0.56	2.	0.08	2.0	278.1	30	10.08	32.542	6.79	25.045	292.6	0.089
71	8.79	32.550	6.73	0.60	2.	0.10	2.5	272.3	50	9.40	32.552	6.81	25.161	281.5	0.147
86	8.17	32.634	6.48	0.82	6.	0.29	6.2	257.2	75	8.63	32.568	6.68	25.295	268.8	0.216
101	7.76	32.779	6.11	1.04	12.	0.09	10.6	240.7	100	7.78	32.770	6.14	25.577	241.9	0.280
131	7.43	33.314	4.83	1.56	26.	0.01	19.6	196.4	125	7.46	33.201	5.10	25.960	205.3	0.337
156	7.26	33.668	4.00	1.85	33.	0.01	25.1	167.8	150	7.30	33.599	4.17	26.296	173.6	0.384
181	7.09	33.802	3.61	1.98	40.	0.01	25.4	155.5	200	6.94	33.853	3.58	26.545	149.9	0.467
216	6.81	33.874	3.56	2.04	44.	0.00	28.2	146.5	250	6.31	33.897	3.20	26.637	141.2	0.541
281	6.22	33.899	2.79	2.35	54.	0.00	31.8	137.3	300	6.00	33.906	2.60	26.710	134.2	0.612
380	5.12	33.941	1.93	2.76	73.	0.00	39.0	121.4	400	4.96	33.956	1.80	26.874	118.7	0.742
480	4.51	34.022	1.34	3.04	91.	0.00	42.4	108.9	500	4.45	34.045	1.22	27.002	106.6	0.859
614	4.23	34.159	0.69	3.20	105.	0.00	45.3	95.7	600	4.24	34.147	0.74	27.104	96.8	0.966
768	3.96	34.221	0.49	3.26	113.	0.00	44.8	88.4	700	4.08	34.194	0.53	27.159	91.6	1.066
919	3.65	34.378	0.42	3.34	132.	0.00		73.6	800	3.90	34.255	0.48	27.226	85.3	1.161
1130	3.17	34.461	0.62	3.38	138.	0.00		63.0	1000	3.47	34.429	0.46	27.407	68.1	1.329

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30060			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
42 47.5N	127 30.0W	5/ 9/72	1130	GMT	2690M	010	4KT	1							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
0	10.80	32.48							0	10.80	32.48		24.874	308.8	0.000
10	9.85	32.51							10	9.85	32.51		25.058	291.3	0.030
20	9.66	32.52							20	9.66	32.52		25.097	287.6	0.059
30	9.23	32.53							30	9.23	32.53		25.174	280.3	0.087
50	8.80	32.52							50	8.80	32.52		25.253	274.7	0.143
75	7.78	32.73							75	7.78	32.73		25.548	244.7	0.208
100	7.52	33.24							100	7.52	33.24		25.985	203.1	0.265
125	7.37	33.61							125	7.37	33.61		26.296	173.6	0.312
150	7.18	33.83							150	7.18	33.83		26.495	154.6	0.354
200	6.64	33.90							200	6.64	33.90		26.624	142.4	0.429
250	6.16	33.92							250	6.16	33.92		26.702	135.0	0.500
300	5.46	33.94							300	5.46	33.94		26.804	125.3	0.567
400	4.91	34.01							400	4.91	34.01		26.924	114.0	0.690
500	4.66	34.11							500	4.66	34.11		27.031	103.8	0.804
600	4.18	34.19							600	4.18	34.19		27.146	92.9	0.908
700	4.12	34.26							700	4.12	34.26		27.208	87.0	1.003
800	3.90	34.34							800	3.90	34.34		27.294	78.8	1.093
1000	3.45	34.44							1000	3.45	34.44		27.418	67.1	1.254

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30070			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
42 27.0N	128 18.5W	5/ 9/72	0536	GMT	3088M	340	4KT	2							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
0	10.96	32.56							0	10.96	32.56		24.908	305.6	0.000
10	10.16	32.56							10	10.16	32.56		25.045	292.5	0.030
20	9.82	32.62							20	9.82	32.62		25.149	282.7	0.059
30	9.60	32.67							30	9.60	32.67		25.223	275.6	0.087
50	9.46	32.69							50	9.46	32.69		25.262	271.9	0.142
75	8.57	32.79							75	8.57	32.79		25.479	251.3	0.207
100	8.10	33.01							100	8.10	33.01		25.721	228.2	0.268
125	7.87	33.38							125	7.87	33.38		26.044	197.5	0.321
150	7.86	33.76							150	7.86	33.76		26.343	169.1	0.368
200	7.41	33.83							200	7.41	33.83		26.463	157.7	0.451
250	6.80	33.90							250	6.80	33.90		26.602	144.5	0.528
300	6.46	33.96							300	6.46	33.96		26.695	135.7	0.600
400	5.65	34.00							400	5.65	34.00		26.829	123.0	0.734
500	5.02	34.07							500	5.02	34.07		26.959	110.7	0.856
600	4.61	34.17							600	4.61	34.17		27.084	98.8	0.966
700	4.30	34.26							700	4.30	34.26		27.189	88.8	1.066
800	4.05	34.31							800	4.05	34.31		27.255	82.6	1.159
1000	3.57	34.42							1000	3.57	34.42		27.391	69.7	1.326

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30080			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
42 08.0N	129 03.0W	5/ 9/72	0004	GMT	3164M	270	7KT	1	270	3	5				
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD
									0	11.10	32.62		24.930	303.5	0.000
									10	10.95	32.63		24.964	300.3	0.030
									20	10.52	32.61		25.023	294.6	0.060
									30	10.40	32.61		25.044	292.7	0.089
									50	9.93	32.62		25.130	284.4	0.147
									75	8.78	32.70		25.376	261.0	0.216
									100	8.27	33.09		25.758	224.7	0.277
									125	8.27	33.47		26.056	196.4	0.330
									150	7.87	33.66		26.263	176.6	0.377
									200	7.30	33.88		26.518	152.5	0.461
									250	6.48	33.94		26.676	137.4	0.535
									300	5.87	33.94		26.754	130.0	0.604
									400	5.14	34.01		26.897	116.5	0.731
									500	4.80	34.06		26.976	109.0	0.849
									600	4.52	34.16		27.086	98.6	0.958
									700	4.30	34.25		27.181	89.6	1.058
									800	4.11	34.32		27.257	82.4	1.151
									1000	3.60	34.42		27.388	70.0	1.319

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30090			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
41 48.0N	129 51.0W	5/ 8/72	0754	GMT	4493M	060	25KT	2	260	4	7				
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD
									0	11.30	32.760	6.52	25.002	296.6	0.000
									10	11.12	32.752	6.62	25.027	294.3	0.030
									20	10.70	32.738	6.72	25.088	288.4	0.059
									30	10.25	32.728	6.79	25.159	281.6	0.087
									50	9.76	32.728	6.73	25.240	273.9	0.143
									75	8.96	32.785	6.49	25.413	257.5	0.210
									100	8.36	32.917	6.14	25.608	238.9	0.272
									125	8.03	33.245	5.30	25.913	210.0	0.329
									150	7.80	33.570	4.29	26.202	182.5	0.378
									200	7.28	33.894	3.66	26.530	151.4	0.463
									250	6.59	33.956	3.33	26.673	137.8	0.537
									300	5.93	33.954	2.92	26.757	129.8	0.606
									400	4.94	33.977	2.06	26.894	116.8	0.733
									500	4.43	34.058	1.38	27.014	105.4	0.849
									600	4.23	34.167	0.81	27.122	95.1	0.954
									700	4.07	34.260	0.52	27.212	86.6	1.051
									800	3.87	34.335	0.43	27.292	79.0	1.141
									1000	3.36	34.447	0.42	27.432	65.8	1.300

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						30090			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
41 48.0N	129 51.0W	5/ 8/72	0826	GMT	4493M	060	25KT	2	260	4	7				
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD
									0	11.30	32.74		24.987	298.1	0.000
									10	11.30	32.74		24.987	298.1	0.030
									20	10.54	32.74		25.121	285.3	0.059
									30	10.12	32.74		25.192	278.5	0.087
									50	9.66	32.74		25.268	271.3	0.142
									75	8.73	32.81		25.470	252.1	0.208
									100	8.25	32.98		25.675	232.6	0.269
									125	7.92	33.35		26.013	200.4	0.324
									150	7.74	33.62		26.251	177.8	0.371
									200	7.26	33.85		26.500	154.2	0.456
									250	6.50	33.94		26.674	137.7	0.530
									300	5.80	33.94		26.763	129.2	0.599
									400	4.85	33.98		26.907	115.6	0.725
									500	4.40	34.04		27.004	106.4	0.841
									600	4.19	34.15		27.113	96.0	0.947
									700	4.01	34.24		27.203	87.4	1.045
									800	3.90	34.33		27.286	79.6	1.135
									1000	3.37	34.43		27.418	67.1	1.296

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						40040			
LATITUDE	LONGITUDE	NO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
41 48.0N	124 37.5W	5/ 6/72	1027	GMT	685M	340	5KT	2							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD
									0	8.91	32.63		25.302	268.1	0.000
									10	8.91	32.63		25.302	268.1	0.027
									20	8.75	32.80		25.459	253.1	0.053
									30	8.65	32.96		25.599	239.8	0.078
									50	8.45	33.17		25.794	221.3	0.124
									75	8.26	33.66		26.206	182.1	0.175
									100	8.09	33.79		26.333	170.1	0.219
									125	7.86	33.86		26.422	161.6	0.261
									150	7.43	33.91		26.523	152.0	0.301
									200	6.88	34.02		26.686	136.6	0.374
									250	6.56	34.04		26.744	131.0	0.443
									300	6.27	34.07		26.806	125.1	0.509
									400	5.66	34.09		26.899	116.3	0.634
									500	5.09	34.15		27.014	105.4	0.750

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						40040
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
41 43.0N	124 37.5W	5/ 6/72			1129	GMT	685M	340	5KT	2						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
1	8.98	32.604	6.17	0.85	12.	0.19	7.8	271.1	0	8.98	32.604	6.17	25.271	271.1	0.000	
11	8.85	32.733	5.92	1.03	15.	0.17	10.5	259.3	10	8.96	32.610	5.95	25.278	270.3	0.027	
32	8.55	33.085	5.08	1.35	21.	0.07	15.6	229.0	20	8.71	32.886	5.57	25.531	246.3	0.053	
42	8.44	33.210	4.79	1.41	22.	0.06	16.9	218.2	30	8.58	33.054	5.16	25.682	231.9	0.077	
52	8.32	33.226	4.36	1.58	26.	0.02	19.8	215.3	50	8.34	33.222	4.45	25.849	216.0	0.122	
67	8.32	33.615	3.80	1.79	30.	0.01	23.3	186.3	75	8.30	33.692	3.72	26.224	180.4	0.172	
82	8.26	33.721	3.69	1.84	32.	0.01	24.3	177.6	100	8.03	33.819	3.35	26.363	167.2	0.215	
103	7.98	33.829	3.30	2.03	36.	0.01	26.7	165.6	125	7.62	33.858	3.41	26.454	158.6	0.257	
127	7.59	33.857	3.42	2.00	38.	0.01	26.8	158.1	150	7.37	33.888	3.17	26.513	153.0	0.296	
148	7.40	33.883	3.19	2.02	41.	0.01	26.2	153.6	200	6.92	33.973	2.55	26.642	140.7	0.371	
178	7.04	33.938	2.91	2.22	46.	0.01	29.3	144.7	250	6.67	34.000	2.19	26.697	135.5	0.442	
208	6.89	33.980	2.43	2.46	62.	0.01	32.2	139.7	300	6.41	34.044	1.87	26.767	128.9	0.510	
238	6.75	33.987	2.26	2.40	63.	0.01	31.4	137.1	400	5.76	34.061	1.45	26.863	119.7	0.639	
278	6.53	34.029	2.02	2.52	59.	0.00	34.9	131.4	500	5.13	34.143	0.90	27.004	106.4	0.757	
339	6.17	34.057	1.62	2.74	65.	0.00	37.6	124.9								
414	5.66	34.062	1.41	2.79	73.	0.00	36.3	118.4								
490	5.18	34.133	0.95	3.09	87.	0.00	40.7	107.7								
571	4.80	34.203	0.65	3.18	97.	0.00	42.9	98.3								

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						40050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
41 22.5N	125 24.0W	5/ 6/72			1704	GMT	3012M	210	6KT	2	210 2 8					
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	10.85	32.60		24.958	300.8	0.000	
									10	10.82	32.60		24.963	400.3	0.030	
									20	10.81	32.60		24.965	300.1	0.060	
									30	10.80	32.60		24.967	300.0	0.090	
									50	10.80	32.60		24.967	300.0	0.150	
									75	10.80	32.61		24.975	299.2	0.226	
									100	9.18	32.91		25.478	251.3	0.295	
									125	8.56	33.22		25.816	219.2	0.354	
									150	8.54	33.63		26.140	188.4	0.406	
									200	7.96	33.88		26.423	161.5	0.495	
									250	7.40	33.95		26.559	148.6	0.574	
									300	6.77	33.96		26.653	139.6	0.648	
									400	5.89	34.07		26.854	120.5	0.783	
									500	5.28	34.12		26.968	109.8	0.904	
									600	4.85	34.18		27.065	100.6	1.015	
									700	4.55	34.26		27.162	91.4	1.118	
									800	4.11	34.30		27.241	83.9	1.212	
									1000	3.77	34.42		27.371	71.6	1.384	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						40060
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
41 02.5N	126 08.5W	5/ 6/72			2255	GMT	3069M	200	10KT	1	200 2 4					
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	11.20	32.53		24.842	311.9	0.000	
									10	11.20	32.53		24.842	311.9	0.031	
									20	10.73	32.53		24.925	304.0	0.062	
									30	10.71	32.53		24.928	303.7	0.092	
									50	10.68	32.53		24.933	303.2	0.153	
									75	10.63	32.53		24.942	302.3	0.229	
									100	8.97	33.14		25.690	231.1	0.296	
									125	8.55	33.58		26.099	192.3	0.350	
									150	8.38	33.72		26.234	179.4	0.397	
									200	7.65	33.93		26.507	153.5	0.482	
									250	7.20	34.01		26.634	141.5	0.557	
									300	6.85	34.03		26.698	135.4	0.628	
									400	5.87	34.12		26.896	116.6	0.759	
									500	5.37	34.13		26.965	110.0	0.878	
									600	5.02	34.21		27.069	100.1	0.989	
									700	4.67	34.29		27.172	90.4	1.092	
									800	4.32	34.34		27.250	83.0	1.186	
									1000	3.78	34.43		27.378	70.9	1.356	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						40070
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
40 42.5N	126 56.0W	5/ 7/72			0504	GMT	3012M	260	12KT	5						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	11.11	32.47		24.812	314.8	0.000	
									10	10.98	32.48		24.842	311.9	0.031	
									20	10.94	32.50		24.865	309.7	0.062	
									30	10.94	32.60		24.942	302.3	0.093	
									50	11.14	32.78		25.046	292.4	0.153	
									75	9.62	32.76		25.290	269.2	0.223	
									100	9.66	33.40		25.782	222.4	0.285	
									125	8.18	33.52		26.108	191.4	0.337	
									150	7.81	33.75		26.343	169.1	0.383	
									200	7.39	33.91		26.528	151.5	0.465	
									250	6.71	33.95		26.654	139.6	0.539	
									300	5.99	33.94		26.739	131.5	0.609	
									400	5.24	34.02		26.894	116.8	0.737	
									500	4.88	34.12		27.014	105.4	0.853	
									600	4.52	34.21		27.126	94.8	0.959	
									700	4.23	34.27		27.204	87.4	1.056	
									800	3.96	34.33		27.280	80.2	1.147	
									1000	3.51	34.43		27.405	68.4	1.310	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						40070
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
40 42.5N	126 56.0W	5/ 7/72			0635	GMT		3012M	260	12KT	5					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S16T	DT	DD	
1	11.10	32.477	6.48	0.38	3.	0.01	0.0	314.1	0	11.10	32.477	6.48	24.819	314.1	0.000	
11	11.09	32.470	6.66	0.37	3.	0.02	0.0	314.4	10	11.09	32.474	6.65	24.815	314.4	0.031	
31	10.94	32.478	6.57	0.37	3.	0.02	0.0	311.3	20	11.01	32.474	6.62	24.830	313.0	0.063	
56	10.79	32.762	6.45	0.47	3.	0.02	0.7	287.8	30	10.95	32.480	6.57	24.846	311.5	0.094	
71	9.98	32.708	6.36	0.61	4.	0.16	2.9	278.7	50	11.15	32.760	6.48	25.029	294.0	0.155	
86	9.98	33.167	5.73	0.97	11.	0.09	10.1	244.7	75	9.70	32.778	6.22	25.291	269.1	0.226	
101	9.65	33.417	4.97	1.36	17.	0.03	15.6	221.0	100	9.69	33.410	5.02	25.783	222.3	0.287	
131	8.16	33.510	4.68	1.48	24.	0.03	19.2	191.9	125	8.45	33.506	4.71	26.054	196.5	0.340	
156	7.88	33.733	3.80	1.81	33.	0.02	24.2	171.4	150	7.91	33.680	4.01	26.272	175.8	0.387	
181	7.53	33.861	3.57	1.96	38.	0.02	25.9	157.0	200	7.30	33.912	3.17	26.541	150.3	0.470	
216	7.11	33.932	2.82	2.27	47.	0.01	29.8	146.1	250	6.52	33.935	2.60	26.666	138.4	0.544	
280	6.02	33.924	2.54	2.48	58.	0.01	34.0	133.0	300	5.86	33.940	2.35	26.755	130.0	0.613	
378	5.50	34.019	1.54	2.87	72.	0.01	38.5	119.8	400	5.38	34.042	1.37	26.894	116.8	0.741	
476	4.99	34.111	0.90	3.09	86.	0.01	41.2	107.3	500	4.89	34.131	0.81	27.020	104.8	0.857	
608	4.54	34.204	0.60	3.23	103.	0.00	42.6	95.5	600	4.56	34.200	0.61	27.112	96.1	0.963	
762	4.13	34.296	0.49	3.30	117.	0.00	44.4	84.4	700	4.29	34.261	0.51	27.191	88.6	1.061	
910	3.74	34.378	0.51	3.35	132.	0.00	44.6	74.4	800	4.03	34.319	0.50	27.264	81.7	1.153	
1121	3.29	34.458	0.67	3.31	134.	0.00	44.6	64.3	1000	3.53	34.418	0.56	27.392	69.5	1.320	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						40080
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
40 23.0N	127 40.0W	5/ 7/72			1135	GMT		1378M	260	12KT	1					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S16T	DT	DD	
									0	11.00	32.60		24.932	303.3	0.000	
									10	11.00	32.60		24.932	303.3	0.030	
									20	11.03	32.60		24.926	303.8	0.061	
									30	11.03	32.60		24.926	303.8	0.091	
									50	10.94	32.62		24.958	300.8	0.152	
									75	10.78	32.61		24.978	298.9	0.227	
									100	8.63	33.14		25.743	226.1	0.293	
									125	8.22	33.57		26.141	188.3	0.345	
									150	7.95	33.74		26.314	171.8	0.391	
									200	7.32	33.90		26.531	151.3	0.473	
									250	6.90	33.94		26.620	142.8	0.548	
									300	6.31	33.99		26.738	131.6	0.619	
									400	5.43	34.05		26.895	116.7	0.748	
									500	4.84	34.12		27.019	105.0	0.863	
									600	4.58	34.19		27.103	97.0	0.970	
									700	4.25	34.27		27.202	87.6	1.069	
									800	4.03	34.34		27.281	80.1	1.159	
									1000	3.44	34.44		27.419	67.0	1.321	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						40090
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
40 02.5N	128 25.0W	5/ 7/72			1752	GMT		4341M	290	24KT	1	260 8 7				
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S16T	DT	DD	
									0	11.47	32.89		25.072	289.9	0.000	
									10	11.47	32.89		25.072	289.9	0.029	
									20	11.47	32.90		25.080	289.2	0.058	
									30	11.48	32.90		25.078	289.4	0.087	
									50	10.98	32.87		25.145	283.0	0.144	
									75	10.27	32.90		25.291	269.1	0.214	
									100	9.74	32.90		25.380	260.7	0.280	
									125	9.21	32.97		25.520	247.3	0.344	
									150	8.52	33.18		25.791	221.6	0.404	
									200	7.74	33.86		26.439	160.0	0.500	
									250	7.36	33.92		26.541	150.3	0.580	
									300	7.16	33.95		26.592	145.4	0.656	
									400	6.56	34.01		26.721	133.2	0.800	
									500	5.71	34.05		26.861	119.9	0.933	
									600	5.02	34.10		26.982	108.4	1.053	
									700	4.61	34.18		27.092	98.0	1.163	
									800	4.17	34.27		27.211	86.8	1.263	
									1000	3.61	34.41		27.379	70.8	1.436	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						50050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
39 40.0N	124 07.5W	5/ 5/72			1623	GMT		914M	340	21KT	1	330 3 7				
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S16T	DT	DD	
									0	9.12	33.34		25.823	218.5	0.000	
									10	9.13	33.34		25.821	218.7	0.022	
									20	9.10	33.34		25.826	218.2	0.044	
									30	8.77	33.58		26.065	195.5	0.064	
									50	8.53	33.87		26.329	170.4	0.101	
									75	7.94	33.87		26.418	162.0	0.143	
									100	7.72	33.95		26.513	153.0	0.183	
									125	7.48	33.99		26.578	146.7	0.221	
									150	7.16	34.04		26.663	138.7	0.257	
									200	6.81	34.06		26.727	132.7	0.326	
									250	6.42	34.11		26.818	124.0	0.392	
									300	5.88	34.13		26.903	115.9	0.454	
									400	5.63	34.18		26.973	109.3	0.571	
									500	5.08	34.25		27.094	97.8	0.680	
									600	5.00	34.34		27.175	90.2	0.780	
									700	4.65	34.40		27.262	81.9	0.873	
									800	4.36	34.44		27.325	75.9	0.959	

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 50050

RV DAVID STARR JORDAN			CALCOFI CRUISE 7205											50050	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
39 40.0N	124 07.5W	5/ 5/72	1747	GMT	914M	340	21KT	1	330	3	7				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
1	9.21	33.366	5.93	1.33	21.	0.14	16.4	218.0	0	9.21	33.366	5.93	25.829	218.0	0.000
11	9.14	33.371	5.93	1.35	22.	0.13	16.2	216.5	10	9.15	33.373	5.93	25.842	216.7	0.022
31	8.85	33.617	4.87	1.61	27.	0.10	20.5	193.9	20	9.01	33.467	5.55	25.937	207.6	0.043
56	8.77	33.867	3.32	1.89	30.	0.02	24.2	174.2	30	8.86	33.603	4.94	26.067	195.3	0.063
71	8.46	33.835	3.60	1.82	30.	0.03	23.1	172.0	50	8.80	33.829	3.59	26.254	177.6	0.101
86	7.98	33.881	3.57	1.88	35.	0.02	25.0	161.7	75	8.32	33.846	3.59	26.341	169.3	0.144
101	7.94	33.907	3.14	2.03	37.	0.00	26.9	159.2	100	7.94	33.908	3.17	26.446	159.3	0.186
131	7.73	33.972	2.85	2.12	41.	0.00	28.0	151.5	125	7.78	33.960	2.87	26.510	153.2	0.225
156	7.44	34.018	2.68	2.23	44.	0.00	29.0	144.1	150	7.52	34.009	2.72	26.587	145.9	0.263
181	7.07	34.045	2.40	2.36	50.	0.00	30.6	137.2	200	6.85	34.044	2.36	26.708	134.4	0.335
215	6.69	34.037	2.35	2.42	54.	0.00	30.7	132.8	250	6.36	34.055	2.04	26.781	127.5	0.402
280	6.13	34.077	1.72	2.71	63.	0.00	36.8	122.9	300	6.01	34.089	1.59	26.854	120.6	0.466
378	5.63	34.138	1.18	2.97	75.	0.00	39.7	112.4	400	5.53	34.159	1.04	26.968	109.8	0.585
478	5.23	34.241	0.63	3.09	87.	0.00	40.4	100.9	500	5.17	34.252	0.57	27.084	98.7	0.695
612	4.92	34.341	0.43	3.26	99.	0.01	41.8	89.2	600	4.95	34.333	0.43	27.175	90.1	0.795
768	4.40	34.402	0.42	3.26	111.	0.01	42.7	79.2	700	4.65	34.385	0.42	27.249	83.1	0.889

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 50060

RV DAVID STARR JORDAN			CALCOFI CRUISE 7205											50060	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHLR	DOMINANT WAVES						
39 20.0N	124 49.0W	5/ 5/72	1003	GMT	2785M	340	23KT	2	350	11	6				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	11.10	32.76		25.038	293.2	0.000
									10	11.10	32.76		25.038	293.2	0.029
									20	11.11	32.77		25.044	292.6	0.059
									30	11.15	32.78		25.045	292.6	0.088
									50	11.29	32.85		25.074	289.8	0.146
									75	10.06	33.15		25.521	247.2	0.214
									100	9.77	33.38		25.748	225.6	0.273
									125	9.24	33.54		25.959	205.5	0.328
									150	8.96	33.75		26.168	185.7	0.377
									200	8.26	33.94		26.425	161.3	0.466
									250	7.76	34.06		26.593	145.4	0.544
									300	7.08	34.08		26.705	134.7	0.616
									400	5.77	34.08		26.877	118.4	0.748
									500	5.65	34.18		26.971	109.5	0.867
									600	4.90	34.25		27.115	95.8	0.976
									700	4.45	34.31		27.212	86.6	1.074
									800	4.26	34.36		27.272	80.9	1.165
									1000	3.70	34.47		27.418	67.1	1.329

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 50070

RV DAVID STARR JORDAN			CALCOFI CRUISE 7205											50070	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
39 00.0N	125 36.0W	5/ 5/72	0321	GMT	3712M	350	18KT	2	350	11	6				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	11.28	32.77		25.014	295.5	0.000
									10	11.29	32.77		25.012	295.7	0.030
									20	11.29	32.77		25.012	295.7	0.059
									30	11.29	32.77		25.012	295.7	0.089
									50	11.19	32.78		25.038	293.2	0.148
									75	10.71	32.88		25.200	277.8	0.220
									100	9.92	33.29		25.653	234.6	0.284
									125	9.16	33.53		25.965	205.0	0.340
									150	8.78	33.80		26.235	179.3	0.388
									200	8.30	33.98		26.450	158.9	0.474
									250	7.83	34.04		26.567	147.8	0.553
									300	7.04	34.09		26.719	133.4	0.625
									400	6.41	34.16		26.859	120.1	0.757
									500	5.75	34.22		26.990	107.7	0.877
									600	5.07	34.25		27.095	97.7	0.986
									700	4.63	34.30		27.185	89.2	1.087
									800	4.31	34.39		27.291	79.1	1.179
									1000	3.73	34.46		27.407	68.2	1.342

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 50080

RV DAVID STARR JORDAN			CALCOFI CRUISE 7205											50080	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
38 40.5N	126 19.0W	5/ 4/72	2030	GMT	4207M	350	21KT	2	360	11	8				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	11.77	32.89		25.017	295.2	0.000
									10	11.77	32.89		25.017	295.2	0.030
									20	11.77	32.89		25.017	295.2	0.059
									30	11.77	32.91		25.033	293.7	0.089
									50	11.74	32.91		25.038	293.2	0.147
									75	11.57	32.93		25.085	288.7	0.221
									100	10.19	33.18		25.522	247.1	0.288
									125	8.92	33.37		25.878	213.3	0.346
									150	8.82	33.70		26.151	187.5	0.397
									200	8.15	33.94		26.441	159.8	0.485
									250	7.27	34.01		26.624	142.4	0.562
									300	6.65	34.01		26.709	134.3	0.634
									400	5.65	34.06		26.876	118.5	0.765
									500	5.25	34.18		27.019	104.9	0.882
									600	4.87	34.26		27.126	94.8	0.988
									700	4.60	34.35		27.228	85.1	1.085
									800	4.52	34.43		27.300	78.3	1.174
									1000	3.77	34.48		27.418	67.0	1.336

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							50080
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
38 40.5N	126 19.0W	5/ 4/72			2153	GMT	4207M	350	21KT	2	360 11 8						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
1	11.90	32.865		0.36	4.	0.01	0.1	299.3	0	11.90	32.865		24.974	299.3	0.000		
11	11.90	32.874	6.39	0.33	4.	0.01	0.1	298.6	10	11.90	32.875		24.980	298.7	0.030		
31	11.83	32.907	6.35	0.36	4.	0.03	0.2	295.0	20	11.88	32.892	6.36	24.997	297.1	0.060		
56	11.71	32.918	6.38	0.37	5.	0.03	0.3	292.1	30	11.83	32.908	6.35	25.017	295.2	0.089		
71	11.70	32.913	6.32	0.36	5.	0.04	0.3	292.2	50	11.73	32.921	6.38	25.045	292.5	0.148		
86	11.38	32.978	6.24	0.46	6.	0.14	1.6	281.9	75	11.65	32.920	6.30	25.060	291.1	0.222		
101	10.63	33.250	5.81	0.79	8.	0.03	7.3	249.1	100	10.69	33.233	5.84	25.476	251.5	0.290		
131	9.01	33.38	5.04	1.27	16.	0.02	15.1	213.9	125	9.28	33.364	5.22	25.815	219.3	0.349		
156	8.81	33.723	3.77	1.73	26.	0.00	22.0	185.5	150	8.86	33.650	4.06	26.105	191.7	0.401		
181	8.45	33.868	3.43	1.89	31.	0.00	24.5	169.4	200	8.20	33.934	3.27	26.428	161.0	0.491		
216	7.99	33.968	3.17	2.03	36.	0.00	26.5	155.4	250	7.43	34.004	2.96	26.596	145.1	0.569		
281	6.91	34.012	2.76	2.26	49.	0.00	30.4	137.5	300	6.64	34.019	2.58	26.716	133.7	0.641		
381	5.76	34.051	1.77	2.73	68.	0.00	37.5	120.4	400	5.64	34.071	1.61	26.885	117.6	0.771		
481	5.28	34.158	1.03	3.02	83.	0.00	40.2	106.9	500	5.20	34.175	0.93	27.021	104.8	0.888		
617	4.78	34.270	0.55	3.24	99.	0.00	43.6	93.1	600	4.83	34.257	0.58	27.128	94.6	0.994		
772	4.55	34.417	0.45	3.31	108.	0.00	44.6	79.6	700	4.66	34.356	0.50	27.225	85.4	1.091		
922	3.95	34.452	0.46	3.34	124.	0.00	45.1	70.9	800	4.45	34.428	0.45	27.306	77.7	1.180		
1132	3.41	34.513	0.68	3.27	137.	0.00	45.8	61.2	1000	3.71	34.474	0.51	27.419	67.0	1.341		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							50090
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
38 20.0N	127 04.0W	5/ 4/72			1408	GMT	4493M	010	25KT	2	010 10 6						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	11.25	32.79		25.035	293.5	0.000		
									10	11.25	32.79		25.035	293.5	0.029		
									20	11.25	32.79		25.035	293.5	0.059		
									30	11.25	32.79		25.035	293.5	0.088		
									50	11.20	32.80		25.051	291.9	0.147		
									75	10.98	32.93		25.191	278.6	0.219		
									100	9.94	33.22		25.596	240.1	0.284		
									125	9.01	33.51		25.973	204.3	0.340		
									150	8.82	33.71		26.159	186.6	0.389		
									200	8.14	33.95		26.451	158.9	0.477		
									250	7.42	33.98		26.579	146.7	0.556		
									300	6.78	33.99		26.676	137.5	0.629		
									400	5.56	34.07		26.895	116.7	0.760		
									500	5.20	34.17		27.017	105.1	0.877		
									600	4.95	34.27		27.125	94.9	0.983		
									700	4.41	34.31		27.217	86.2	1.080		
									800	4.23	34.42		27.323	76.1	1.166		
									1000	3.64	34.49		27.440	65.1	1.326		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							50100
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
38 00.0N	127 50.0W	5/ 4/72			0654	GMT	4493M	010	17KT	0							
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	11.85	32.89		25.002	296.6	0.000		
									10	11.85	32.89		25.002	296.6	0.030		
									20	11.85	32.89		25.002	296.6	0.059		
									30	11.86	32.89		25.000	296.8	0.089		
									50	11.76	32.89		25.019	295.0	0.148		
									75	11.73	32.89		25.025	294.5	0.222		
									100	10.46	32.89		25.251	272.9	0.294		
									125	9.90	32.94		25.384	260.2	0.361		
									150	9.04	33.25		25.765	224.0	0.422		
									200	8.54	33.81		26.280	175.0	0.524		
									250	7.98	33.96		26.482	159.9	0.608		
									300	7.23	34.03		26.645	140.4	0.685		
									400	6.06	34.06		26.825	123.3	0.821		
									500	5.32	34.14		26.979	108.7	0.943		
									600	4.92	34.24		27.105	96.8	1.052		
									700	4.66	34.33		27.205	87.3	1.151		
									800	4.23	34.38		27.292	79.1	1.242		
									1000	3.58	34.45		27.414	67.5	1.404		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							50120
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
37 20.0N	129 18.0W	5/ 3/72			1910	GMT	4787M	020	20KT	1	020 8 8						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	12.50	32.86		24.856	310.5	0.000		
									10	12.48	32.92		24.907	305.7	0.031		
									20	12.45	32.92		24.912	305.2	0.061		
									30	12.05	32.88		24.957	300.9	0.092		
									50	11.41	32.78		24.998	297.0	0.152		
									75	10.35	32.88		25.265	271.6	0.225		
									100	9.45	33.12		25.598	239.9	0.287		
									125	9.07	33.31		25.807	220.0	0.345		
									150	8.66	33.56		26.067	195.4	0.398		
									200	8.15	33.89		26.402	163.5	0.489		
									250	7.47	34.00		26.588	145.8	0.568		
									300	6.84	34.03		26.699	135.3	0.641		
									400	5.87	34.08		26.865	119.6	0.773		
									500	5.22	34.12		26.975	109.1	0.893		
									600	4.87	34.22		27.094	97.8	1.002		
									700	4.40	34.29		27.202	87.6	1.102		
									800	4.02	34.36		27.298	78.5	1.192		
									1000	3.63	34.48		27.433	65.7	1.351		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						60080				
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
36 56.5N			125 03.5W			4/24/72		2229 GMT			4207M		330		17KT		1		300 # 12	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
									0	12.67	33.12		25.024	294.5	0.000					
									10	12.65	33.12		25.028	294.1	0.029					
									20	12.49	33.11		25.051	291.9	0.059					
									30	12.40	33.12		25.077	289.5	0.088					
									50	12.25	33.14		25.121	285.3	0.146					
									75	10.28	33.25		25.562	243.4	0.212					
									100	9.85	33.53		25.652	215.7	0.270					
									125	9.11	33.74		26.136	188.7	0.321					
									150	8.76	33.81		26.246	178.3	0.367					
									200	8.01	33.91		26.439	160.0	0.454					
									250	7.27	33.95		26.577	146.9	0.532					
									300	6.73	34.00		26.690	136.1	0.605					
									400	5.64	34.00		26.830	122.9	0.739					
									500	5.09	34.06		26.943	112.2	0.862					
									600	4.68	34.17		27.076	99.5	0.973					
									700	4.37	34.23		27.158	91.8	1.076					
									800	4.12	34.32		27.256	82.5	1.170					
									1000	3.68	34.42		27.380	70.7	1.339					

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						60090				
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
36 56.0N			125 48.0W			4/25/72		0343 GMT			4455M		340		14KT		1		330 # 8	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
									0	12.45	32.87		24.874	308.8	0.000					
									10	12.47	32.87		24.870	309.2	0.031					
									20	12.40	32.86		24.876	308.7	0.062					
									30	12.13	32.87		24.934	303.0	0.092					
									50	12.01	32.86		24.949	301.6	0.153					
									75	9.65	33.11		25.558	243.7	0.222					
									100	8.57	33.38		25.940	207.4	0.278					
									125	8.75	33.69		26.154	187.0	0.328					
									150	7.91	33.81		26.375	166.0	0.373					
									200	7.46	33.98		26.573	147.2	0.453					
									250	7.18	33.99		26.621	142.7	0.527					
									300	6.50	34.01		26.729	132.5	0.598					
									400	5.70	34.05		26.862	119.8	0.728					
									500	5.25	34.12		26.971	109.4	0.848					
									600	4.86	34.21		27.088	98.4	0.958					
									700	4.47	34.29		27.194	88.3	1.059					
									800	4.22	34.34		27.261	82.0	1.151					
									1000	3.58	34.44		27.406	68.3	1.317					

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						60090				
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
36 56.0N			125 48.0W			4/25/72		0501 GMT			4455M		340		14KT		1		330 # 8	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
									0	12.48	32.874	6.26	24.871	309.1	0.000					
									10	12.48	32.878	6.34	24.872	309.0	0.031					
									20	12.33	32.878	6.36	24.902	306.2	0.062					
									30	12.16	32.880	6.38	24.935	303.0	0.092					
									50	10.47	32.910	6.25	25.262	271.8	0.150					
									75	9.60	33.151	5.89	25.597	240.0	0.214					
									100	8.79	33.387	5.01	25.909	210.3	0.271					
									125	8.73	33.660	4.05	26.132	189.1	0.321					
									150	8.14	33.792	3.71	26.326	170.7	0.367					
									200	7.61	33.954	3.03	26.532	151.2	0.449					
									250	6.88	33.975	2.74	26.650	140.0	0.523					
									300	6.41	34.018	2.08	26.746	130.9	0.593					
									400	5.76	34.100	1.19	26.893	116.8	0.721					
									500	5.30	34.172	0.72	27.006	106.1	0.838					
									600	4.91	34.244	0.44	27.109	96.4	0.946					
									700	4.54	34.316	0.41	27.207	87.1	1.044					
									800	4.21	34.377	0.44	27.291	79.1	1.135					
									1000	3.65	34.453	0.70	27.409	68.0	1.298					

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						60100				
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
36 56.5N			126 31.0W			4/25/72		1022 GMT			4594M		350		16KT		1		320 # 4	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
									0	13.61	33.13		24.845	311.5	0.000					
									10	13.61	33.13		24.845	311.5	0.031					
									20	13.61	33.13		24.845	311.5	0.062					
									30	13.61	33.13		24.845	311.5	0.094					
									50	13.61	33.13		24.845	311.5	0.156					
									75	13.59	33.13		24.849	311.1	0.234					
									100	12.42	33.12		25.073	289.9	0.310					
									125	11.30	33.20		25.343	264.1	0.380					
									150	9.93	33.33		25.683	231.8	0.443					
									200	8.65	33.82		26.271	175.9	0.546					
									250	7.82	33.95		26.498	154.4	0.631					
									300	7.10	34.02		26.655	139.4	0.706					
									400	6.22	34.07		26.812	124.5	0.843					
									500	5.61	34.14		26.944	112.0	0.967					
									600	4.83	34.17		27.059	101.1	1.080					
									700	4.67	34.29		27.172	90.4	1.183					
									800	4.35	34.35		27.255	82.6	1.277					
									1000	3.83	34.47		27.405	68.4	1.444					

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					
										60120					
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
35 37.0N	127 53.5W	4/25/72			2033	GMT		4709M	360	17KT	2	350 9 9			
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
1	13.77	33.127	6.11	0.28	1.	0.02	0.0	314.9	0	13.77	33.127	6.11	24.810	314.9	0.000
11	13.74	33.192	6.09	0.28	1.	0.01	0.1		10	13.74	33.120	6.09	24.809	315.0	0.032
31	13.75	33.114	6.10	0.27	1.	0.01	0.0	315.4	20	13.74	33.118	6.09	24.807	315.2	0.063
57	13.75	33.120	6.06	0.27	2.	0.02	0.0	315.0	30	13.75	33.116	6.10	24.805	315.4	0.095
72	13.48	33.099	6.16	0.29	1.	0.01	0.0	311.3	50	13.75	33.121	6.07	24.808	315.1	0.158
86	12.17	33.101	6.13	0.33	1.	0.01	0.4	284.5	75	13.21	33.105	6.15	24.905	305.8	0.236
102	11.72	33.159	5.93	0.46	3.	0.01	2.7	274.5	100	11.76	33.160	5.96	25.227	275.2	0.309
132	9.85	33.069	5.82	0.78	7.	0.01	7.4	249.9	125	10.29	33.082	5.85	25.427	256.2	0.376
158	9.17	33.269	5.32	1.06	13.	0.01	12.4	224.6	150	9.32	33.108	5.33	25.671	233.0	0.438
183	8.83	33.627	4.22	1.50	22.	0.01	19.1	192.9	200	8.66	33.777	3.90	26.236	179.3	0.543
218	8.49	33.878	3.76	1.72	28.	0.00	23.7	169.3	250	8.17	33.963	3.77	26.455	158.4	0.629
283	7.80	33.978	3.78	1.80	35.	0.00	25.2	152.0	300	7.54	33.986	3.59	26.566	147.9	0.708
382	6.27	34.002	2.38	2.50	58.	0.00	34.7	130.2	400	6.06	34.014	2.17	26.787	126.9	0.850
482	5.36	34.077	1.38	2.89	77.	0.00	38.6	113.9	500	5.28	34.098	1.25	26.949	111.5	0.975
616	4.95	34.220	0.66	3.21	94.	0.00	42.7	98.6	600	4.98	34.204	0.71	27.069	100.2	1.087
770	4.35	34.323	0.44	3.23	111.	0.00	44.0	84.6	700	4.62	34.283	0.54	27.171	90.5	1.189
921	3.86	34.395	0.61	3.27	124.	0.00	44.6	74.3	800	4.24	34.340	0.46	27.258	82.3	1.283
1131	3.41	34.471	0.76	3.28	133.	0.00	47.0	64.4	1000	3.66	34.428	0.68	27.388	70.0	1.451

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					
										60120					
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
35 37.0N	127 53.5W	4/25/72			2140	GMT		4709M	360	17KT	2	350 9 9			
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	13.75	33.13		24.817	314.2	0.000
									10	13.75	33.13		24.817	314.2	0.031
									20	13.75	33.13		24.817	314.2	0.063
									30	13.71	33.12		24.817	314.2	0.094
									50	13.70	33.13		24.827	313.3	0.157
									75	13.35	33.12		24.890	307.3	0.235
									100	11.53	33.03		25.170	280.6	0.309
									125	10.38	33.14		25.459	253.1	0.377
									150	9.37	33.24		25.705	229.8	0.438
									200	8.73	33.74		26.196	183.0	0.542
									250	8.22	33.97		26.454	158.5	0.630
									300	7.58	33.99		26.564	148.1	0.709
									400	6.14	34.03		26.791	126.5	0.851
									500	5.45	34.11		26.940	112.4	0.976
									600	4.89	34.18		27.061	101.0	1.089
									700	4.77	34.27		27.145	92.9	1.193
									800	4.35	34.34		27.247	83.3	1.289
									1000	3.76	34.45		27.396	69.2	1.458

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					
										70040					
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
35 49.5N	122 28.5W	4/20/72			1341	GMT		3145M	340	12KT	1	340 4 7			
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	10.54	33.13		25.423	256.5	0.000
									10	10.56	33.20		25.474	251.7	0.025
									20	10.60	33.28		25.530	246.4	0.050
									30	10.66	33.42		25.628	237.0	0.075
									50	10.68	33.53		25.710	229.3	0.121
									75	10.05	33.57		25.849	216.0	0.177
									100	9.37	33.74		26.095	192.7	0.229
									125	9.15	33.84		26.208	181.9	0.276
									150	8.81	33.92		26.324	170.8	0.321
									200	8.33	33.96		26.430	160.8	0.405
									250	7.60	34.02		26.585	146.1	0.484
									300	7.34	34.08		26.669	138.1	0.557
									400	6.62	34.16		26.831	122.8	0.693
									500	5.93	34.23		26.975	109.1	0.815
									600	5.39	34.28		27.081	99.0	0.926
									700	4.95	34.34		27.180	89.6	1.028
									800	4.55	34.41		27.281	80.1	1.121
									1000	3.94	34.47		27.393	69.4	1.287

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					
										70040					
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
35 49.5N	122 28.5W	4/20/72			1430	GMT		3145M	340	12KT	1	340 4 7			
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
0	10.64	33.168	6.19					255.3	0	10.64	33.168	6.19	25.436	255.3	0.000
10	10.66	33.188	6.15					254.2	10	10.66	33.188	6.15	25.448	254.2	0.025
30	10.70	33.366	6.01					241.7	20	10.68	33.269	6.08	25.505	248.7	0.051
55	10.73	33.555	5.96					228.2	30	10.70	33.366	6.01	25.579	241.7	0.075
70	10.70	33.627	5.90					222.4	50	10.72	33.523	5.97	25.695	230.6	0.123
85	9.89	33.509	5.03					215.7	75	10.45	33.596	5.64	25.801	220.6	0.179
100	9.57	33.651	4.36					202.4	100	9.57	33.651	4.36	25.992	202.4	0.233
130	9.39	33.816	3.55					187.4	125	9.41	33.794	3.65	26.129	189.4	0.282
155	8.99	33.927	3.18					173.0	150	9.08	33.909	3.24	26.272	175.8	0.329
181	8.64	33.990	2.80					163.1	200	8.28	34.028	2.65	26.489	155.2	0.413
216	7.98	34.053	2.54					148.9	250	7.58	34.090	2.15	26.642	140.7	0.489
281	7.32	34.111	1.79					135.6	300	7.18	34.128	1.63	26.728	132.5	0.559
381	6.67	34.183	1.14					121.7	400	6.53	34.193	1.04	26.868	119.3	0.690
481	5.97	34.228	0.72					109.7	500	5.87	34.240	0.68	26.990	107.6	0.810
615	5.32	34.307	0.53					96.2	600	5.38	34.299	0.54	27.096	97.6	0.919
770	4.61	34.394	0.51					81.9	700	4.92	34.359	0.52	27.198	87.9	1.020
920	4.10	34.428	0.66					74.2	800	4.50	34.403	0.53	27.281	80.1	1.112
1130	3.53	34.482	0.87					64.6	1000	3.86	34.449	0.74	27.384	70.4	1.279

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				70070							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
35 34.5N	123 07.0W	4/20/72	0728 GMT	3636M	350	22KT	1	10 5							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	12.20	32.88		24.929	303.6	0.000
									10	12.20	32.88		24.929	303.6	0.030
									20	11.88	32.84		24.958	300.8	0.061
									30	11.73	32.86		25.001	296.7	0.091
									50	11.77	32.89		25.017	295.2	0.150
									75	10.60	33.22		25.483	250.8	0.218
									100	9.44	33.29		25.732	227.1	0.279
									125	8.84	33.48		25.976	204.0	0.333
									150	8.63	33.76		26.227	180.1	0.382
									200	8.13	33.92		26.429	160.9	0.468
									250	7.47	33.97		26.564	148.1	0.548
									300	6.97	33.98		26.642	140.7	0.622
									400	6.17	34.05		26.803	125.4	0.760
									500	5.46	34.12		26.947	111.8	0.884
									600	5.26	34.28		27.097	97.6	0.995
									700	4.86	34.31		27.167	90.9	1.097
									800	4.55	34.38		27.257	82.4	1.191
									1000	3.95	34.44		27.368	71.8	1.363

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				70080							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
35 14.0N	123 48.0W	4/20/72	0152 GMT	4022M	340	18KT	1	330 8 6							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	12.41	33.20		25.136	283.8	0.000
									10	12.41	33.21		25.144	283.1	0.028
									20	12.41	33.22		25.152	282.3	0.057
									30	12.39	33.22		25.156	282.0	0.085
									50	12.31	33.56		25.434	255.5	0.139
									75	10.26	33.39		25.674	232.7	0.200
									100	9.84	33.64		25.939	207.4	0.256
									125	9.16	33.73		26.121	190.2	0.306
									150	8.50	33.83		26.302	173.0	0.352
									200	7.96	33.97		26.493	154.8	0.435
									250	7.18	34.00		26.629	142.0	0.511
									300	6.69	34.05		26.735	131.9	0.582
									400	6.09	34.11		26.861	119.9	0.713
									500	5.49	34.18		26.990	107.7	0.832
									600	5.08	34.26		27.102	97.1	0.941
									700	4.73	34.31		27.181	89.5	1.041
									800	4.38	34.37		27.268	81.4	1.134
									1000	3.87	34.45		27.385	70.3	1.303

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				70090							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
34 53.5N	124 29.5W	4/19/72	1916 GMT	4339M	350	21KT	1	340 8 10							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	13.29	33.05		24.848	311.3	0.000
									10	13.29	33.05		24.848	311.3	0.031
									20	13.29	33.05		24.848	311.3	0.062
									30	13.29	33.05		24.848	311.3	0.093
									50	13.29	33.05		24.848	311.3	0.156
									75	12.57	33.15		25.067	290.4	0.232
									100	11.43	33.17		25.297	268.6	0.302
									125	10.66	33.25		25.496	249.6	0.367
									150	9.73	33.47		25.825	218.3	0.426
									200	8.82	33.86		26.276	175.5	0.527
									250	8.07	34.00		26.500	154.1	0.611
									300	7.34	34.03		26.630	141.9	0.687
									400	6.48	34.09		26.794	126.2	0.826
									500	5.52	34.10		26.924	114.0	0.952
									600	4.93	34.19		27.064	100.7	1.066
									700	4.54	34.27		27.171	90.5	1.168
									800	4.24	34.35		27.267	81.4	1.262
									1000	3.73	34.44		27.391	69.7	1.429

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205				70090							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
34 53.5N	124 29.5W	4/19/72	2036 GMT	4339M	350	21KT	1	340 8 10							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	13.37	33.057	6.24	24.837	312.3	0.000
									10	13.36	33.059	6.19	24.839	312.1	0.031
									20	13.35	33.059	6.16	24.841	311.9	0.062
									30	13.34	33.058	6.14	24.842	311.8	0.094
									50	13.35	33.056	6.17	24.839	312.1	0.156
									75	12.85	33.143	6.26	25.009	296.0	0.233
									100	11.54	33.149	6.03	25.259	272.2	0.304
									125	10.72	33.231	5.64	25.468	252.2	0.370
									150	9.93	33.419	4.94	25.750	225.4	0.431
									200	8.85	33.872	3.42	26.279	175.1	0.533
									250	8.08	33.984	3.00	26.485	155.6	0.617
									300	7.34	34.036	2.48	26.633	141.5	0.694
									400	6.29	34.088	1.52	26.816	124.2	0.832
									500	5.46	34.130	1.04	26.954	111.1	0.955
									600	4.90	34.201	0.68	27.075	99.6	1.067
									700	4.55	34.264	0.55	27.180	89.6	1.168
									800	4.29	34.357	0.47	27.267	81.4	1.261
									1000	3.76	34.444	0.63	27.391	69.7	1.428

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80060			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 09.0N	121 08.5W	4/13/72	1212	6MT		2316M	340	25KT	1	320 8 6					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	12.36	33.65		25.494	249.8	0.000
									10	12.25	33.65		25.519	247.4	0.025
									20	11.72	33.64		25.607	239.0	0.049
									30	11.44	33.64		25.659	234.1	0.073
									50	11.10	33.67		25.744	226.0	0.119
									75	9.93	33.78		26.033	198.5	0.173
									100	9.56	33.90		26.188	183.8	0.221
									125	9.23	33.96		26.289	174.2	0.266
									150	8.57	33.97		26.401	163.6	0.309
									200	7.82	34.02		26.553	149.2	0.389
									250	7.38	34.05		26.640	140.9	0.463
									300	7.07	34.15		26.762	129.3	0.533
									400	6.52	34.22		26.891	117.0	0.661
									500	6.04	34.27		26.993	107.4	0.779
									600	5.58	34.34		27.106	96.7	0.889
									700	5.03	34.37		27.195	88.3	0.989
									800	4.46	34.44		27.314	76.9	1.079
									1000	4.15	34.46		27.363	72.3	1.246

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80060			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 09.0N	121 08.5W	4/13/72	1313	6MT		2316M	340	25KT	1	320 8 6					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	12.16	33.644		25.527	246.6	0.000
									10	12.17	33.643		25.525	246.8	0.025
									20	12.08	33.645		25.542	245.2	0.049
									30	11.93	33.649		25.575	242.1	0.074
									56	11.34	33.705		25.677	232.4	0.121
									71	10.36	33.740		25.971	204.4	0.176
									86	9.89	33.82		26.165	186.0	0.226
									101	9.63	33.893		26.335	169.9	0.271
									131	8.76	33.967		26.426	161.2	0.313
									157	8.31	33.968		26.509	153.3	0.393
									182	8.10	33.981		26.592	145.5	0.469
									217	7.80			26.685	136.6	0.542
									281	7.43	34.066		26.874	118.7	0.675
									379	6.52	34.160		26.993	107.4	0.794
									477	6.10	34.247		27.103	97.0	0.903
									609	5.59	34.350		27.222	85.7	1.002
									761	4.63	34.424		27.300	78.2	1.092
									909	4.35	34.444		27.363	72.4	1.260
									1120	3.87	34.483				

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 48.5N	121 50.0W	4/13/72	2134	6MT		3785M	340	24KT	1	330 15 5					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	13.47	33.26		24.974	299.3	0.000
									10	13.47	33.26		24.974	299.3	0.030
									20	13.47	33.26		24.974	299.3	0.060
									30	13.41	33.25		24.978	298.9	0.090
									50	12.42	33.32		25.227	275.2	0.147
									75	11.75	33.38		25.400	258.7	0.215
									100	10.20	33.52		25.785	222.1	0.275
									125	9.17	33.61		26.025	199.3	0.328
									150	9.06	33.83		26.215	181.3	0.377
									200	8.40	33.99		26.443	159.6	0.463
									250	7.76	34.03		26.569	147.6	0.542
									300	7.28	34.09		26.685	136.6	0.615
									400	6.05	34.15		26.897	116.5	0.747
									500	5.45	34.20		27.011	105.7	0.864
									600	5.01	34.28		27.126	94.8	0.970
									700	4.73	34.35		27.213	86.5	1.068
									800	4.44	34.41		27.293	79.0	1.159
									1000	3.87	34.49		27.416	67.3	1.322

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 48.5N	121 50.0W	4/13/72	2223	6MT		3785M	340	24KT	1	330 15 5					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									1001	3.84	34.472		27.486	60.6	
									1149	3.47	34.508		27.573	52.4	
									1295	3.22	34.530		27.630	47.0	
									1442	2.92	34.553		27.671	43.2	
									1591	2.68	34.572				
									1739	2.46	34.590				
									1886	2.27	34.600				
									2039	2.10	34.615				
									2190	1.94	34.632				

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205										80070				
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
33 48.5N		121 50.0W		4/16/72		1424		GMT		3785M										
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
793	4.48	34.411						79.3	800	4.46	34.415		27.294	78.9						
943	4.03	34.467						70.5	1000	3.87	34.489		27.416	67.3						
1092	3.62	34.517						62.8	1200	3.39	34.526		27.493	60.0						
1241	3.31	34.528						59.2	1500	2.81	34.576		27.585	51.2						
1390	3.01	34.561						54.0	1750	2.44	34.598		27.635	46.5						
1539	2.74	34.578						50.4	2000	2.07	34.617		27.680	42.2						
1690	2.55	34.588						48.1	2250	1.89	34.635		27.709	39.5						
1838	2.28	34.611						44.2	2500	1.79	34.648		27.727	37.8						
1988	2.08	34.615						42.4	2750	1.68	34.656		27.743	36.3						
2136	1.98	34.627						40.7	3000	1.63	34.663		27.752	35.5						
2286	1.87	34.636						39.2	3250	1.58	34.668		27.759	34.8						
2435	1.82	34.644						38.2												
2583	1.75	34.650						37.3												
2732	1.68	34.655						36.4												
2880	1.65	34.659						35.9												
3029	1.62	34.663						35.4												
3177	1.59	34.665						35.0												
3324	1.57	34.669						34.6												
3473	1.56	34.670						34.4												

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205										80070				
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
33 48.5N		121 50.0W		4/16/72		1128		GMT		3785M										
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
									0	13.33	33.27		25.010	295.9	0.000					
									10	13.34	33.27		25.008	296.0	0.030					
									20	13.32	33.27		25.012	295.7	0.059					
									30	12.88	33.26		25.045	292.5	0.089					
									50	11.98	33.22		25.233	274.6	0.146					
									75	10.93	33.40		25.565	243.0	0.211					
									100	10.10	33.49		25.779	222.7	0.269					
									125	9.05	33.78		26.177	184.8	0.321					
									150	8.80	33.89		26.303	172.9	0.366					
									200	7.98	33.97		26.490	153.1	0.450					
									250	7.30	33.99		26.604	144.3	0.526					
									300	6.79	34.00		26.682	136.9	0.599					
									400	5.83	34.04		26.838	122.1	0.733					
									500	5.30	34.12		26.966	110.0	0.855					
									600	5.08	34.25		27.094	97.8	0.965					
									700	4.64	34.31		27.192	88.6	1.065					
									800	4.43	34.36		27.254	82.6	1.158					
									1000	3.85	34.42		27.363	72.3	1.330					
									1200	3.43	34.49		27.460	63.1	1.483					
									1500	2.85	34.58		27.586	51.2	1.683					

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205										80070				
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
33 48.5N		121 51.5W		6/13/72		1001		1415		3719M		360		17KT		1		D10 6 6		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD					
								304.7	0	13.98	33.322		24.917	304.7	0.000					
								304.8	10	13.98	33.320		24.916	304.8	0.030					
								284.4	20	13.83	33.380		24.991	297.7	0.061					
								226.6	30	13.45	33.457		25.130	284.4	0.090					
								212.7	50	11.56	33.596		25.601	239.6	0.142					
								204.0	75	10.38	33.721		25.910	210.2	0.199					
								194.0	100	9.59	33.760		26.074	194.7	0.250					
								174.0	125	8.88	33.843		26.252	177.7	0.297					
								163.7	150	8.56	33.940		26.377	163.8	0.341					
								155.0	200	7.93	34.022		26.538	150.5	0.421					
								147.5	250	7.47	34.064		26.637	141.1	0.496					
								135.8	300	7.01	34.095		26.726	132.7	0.567					
								120.8	400	6.14	34.140		26.877	118.4	0.697					
								109.0	500	5.53	34.195		26.996	107.1	0.816					
								96.7	600	5.27	34.276		27.092	98.0	0.925					
								84.6	700	4.92	34.332		27.177	90.0	1.026					
								72.6	800	4.51	34.380		27.261	82.0	1.120					
								68.9	1000	3.89	34.467		27.396	69.2	1.288					
								1200	1200	3.30	34.516		27.493	59.9	1.435					
								62.6	1500	2.83	34.563		27.574	52.4	1.631					
								61.7	1750	2.33	34.591		27.638	46.2	1.778					
								56.5	2000	2.01	34.621		27.688	41.5	1.910					
								55.8	2250	1.89	34.643		27.716	38.8	2.033					
								53.5	2500	1.78	34.651		27.730	37.6	2.152					
								50.4												
								49.4												
								46.2												
								44.9												
								41.7												
								39.2												
								38.0												
								36.4												

A) CAST I. THE LOWER BOTTLES OF THIS CAST POSTTRIPPED.

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 48.5N	121 51.5W	6/13/72	1309	GMT	3719M	360	17KT	1	010	6	6				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	13.78	33.34		24.972	299.4	0.000
									10	13.79	33.34		24.970	299.6	0.030
									20	13.63	33.34		25.003	296.5	0.060
									30	13.20	33.41		25.144	283.1	0.089
									50	11.04	33.71		25.786	222.0	0.140
									75	10.02	33.76		26.002	201.4	0.193
									100	9.25	33.80		26.161	186.4	0.242
									125	8.67	33.87		26.307	172.5	0.287
									150	8.25	33.95		26.434	160.4	0.329
									200	7.94	34.07		26.574	147.1	0.408
									250	7.28	34.05		26.654	139.6	0.481
									300	6.91	34.10		26.744	131.0	0.551
									400	5.93	34.15		26.912	115.0	0.679
									500	5.42	34.20		27.014	105.4	0.795
									600	5.12	34.29		27.121	95.2	0.901
									700	4.74	34.35		27.212	86.6	0.999
									800	4.37	34.40		27.292	79.0	1.090
									1000	3.78	34.46		27.402	68.7	1.254

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 48.5N	121 51.5W	6/13/72	1446	GMT	3719M	360	17KT	1	010	6	6				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	13.80	33.30		24.937	302.7	0.000
									10	13.80	33.30		24.937	302.7	0.030
									20	13.75	33.30		24.948	301.8	0.061
									30	12.85	33.37		25.182	279.4	0.090
									50	11.08	33.62		25.709	229.4	0.141
									75	10.32	33.75		25.943	207.0	0.196
									100	9.43	33.76		26.100	192.1	0.246
									125	8.90	33.88		26.279	175.2	0.292
									150	8.54	33.99		26.421	161.7	0.335
									200	8.01	34.06		26.556	148.8	0.414
									250	7.42	34.07		26.650	140.0	0.488
									300	7.04	34.11		26.734	131.9	0.558
									400	6.16	34.15		26.883	117.8	0.688
									500	5.54	34.20		27.000	106.7	0.806
									600	5.19	34.28		27.105	96.8	0.915
									700	4.80	34.35		27.205	87.3	1.014
									800	4.42	34.38		27.271	81.0	1.106
									1000	3.92	34.47		27.395	69.2	1.273

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						80080 (BUOY 58)			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 26.0N	122 37.0W	4/15/72	0003	GMT	4174M	340	14KT	1	320	12	5				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	13.55	33.04		24.788	317.0	0.000
									10	13.53	33.04		24.792	316.6	0.032
									20	13.44	33.02		24.795	316.3	0.063
									30	13.37	33.03		24.817	314.2	0.095
									50	13.03	33.04		24.892	307.1	0.157
									75	12.07	33.27		25.255	272.5	0.230
									100	10.75	33.23		25.465	252.6	0.296
									125	9.42	33.44		25.853	215.7	0.355
									150	8.82	33.75		26.190	183.6	0.406
									200	7.94	33.97		26.496	154.6	0.492
									250	7.62	34.06		26.613	143.4	0.568
									300	7.07	34.10		26.722	133.1	0.640
									400	6.26	34.15		26.870	119.0	0.771
									500	5.73	34.19		26.969	109.7	0.891
									600	5.18	34.28		27.106	96.7	1.001
									700	4.71	34.34		27.208	87.1	1.100
									800	4.36	34.38		27.278	80.4	1.191
									1000	3.87	34.46		27.392	69.5	1.358
									1200	3.38	34.51		27.481	61.1	1.506
									1500	2.80	34.56		27.574	52.3	1.704

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					800#0 (BUOY 58)		
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
33 25.5N		122 37.0W		4/15/72		0237 GMT		4174M		340		14KT		1		320 12 5	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
1286	3.16	34.529						57.7	1500	2.71	34.566		27.585	51.2			
1436	2.83	34.553						53.1	1750	2.31	34.600		27.648	45.4			
1585	2.57	34.604	U						2000	2.06	34.623		27.687	41.7			
1734	2.33	34.597						45.7	2250	1.87	34.638		27.713	39.1			
1884	2.16	34.612						43.2	2500	1.75	34.649		27.731	37.5			
2033	2.03	34.624						41.3	2750	1.66	34.652		27.740	36.6			
2183	1.91	34.632						39.8	3000	1.62	34.663		27.752	35.5			
2333	1.82	34.643						38.3	3250	1.54	34.666		27.760	34.7			
2483	1.76	34.647						37.6	3500	1.52	34.675		27.769	33.8			
2633	1.71	34.656						36.5	3750	1.50	34.680		27.774	33.3			
2782	1.65	34.650						36.6									
2932	1.64	34.662						35.6									
3081	1.60	34.661						35.4									
3230	1.54	34.678	U														
3379	1.54	34.672						34.1									
3528	1.52	34.675						33.8									
3677	1.50	34.679						33.3									
3826	1.50	34.679						33.3									
3975	1.52	34.682						33.2									

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					800#0		
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
33 27.5N		122 37.5W		4/16/72		0006 GMT		4174M		320		8KT		1		320 3 3	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	14.20	33.05		24.662	329.0	0.000		
									10	13.54	33.05		24.798	316.0	0.032		
									20	13.48	33.05		24.810	314.9	0.064		
									30	13.46	33.05		24.814	314.5	0.095		
									50	12.45	33.21		25.136	283.8	0.155		
									75	11.65	33.21		25.287	269.5	0.225		
									100	10.10	33.29		25.623	237.5	0.289		
									125	9.22	33.56		25.978	203.7	0.344		
									150	8.65	33.79		26.248	178.1	0.393		
									200	7.93	33.98		26.505	153.7	0.477		
									250	7.50	34.09		26.654	139.5	0.552		
									300	7.07	34.11		26.730	132.3	0.623		
									400	6.22	34.16		26.883	117.8	0.753		
									500	5.75	34.21		26.982	108.4	0.872		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					800#0		
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES	
33 27.5N		122 37.5W		4/16/72		0127 GMT		4174M		320		8KT		1		320 3 3	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	13.94	33.04		24.708	324.6	0.000		
									10	13.77	33.04		24.743	321.2	0.032		
									20	13.56	33.04		24.786	317.2	0.064		
									30	13.47	33.05		24.812	314.7	0.096		
									50	12.32	33.21		25.161	281.4	0.156		
									75	11.28	33.20		25.347	263.8	0.224		
									100	9.91	33.26		25.632	236.7	0.287		
									125	9.47	33.53		25.915	209.8	0.344		
									150	8.72	33.77		26.221	180.6	0.393		
									200	8.03	33.95		26.467	157.3	0.479		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						800A0 (BUOY 58)	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
33 26.0N		122 36.5W		6/12/72		1634 2129		GMT	4128M	330	20KT	1	010	10	4		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD		
0	14.06	33.059						325.5	0	14.06	33.059		24.698	325.5	0.000		
10	14.02	33.055						325.0	10	14.02	33.055		24.703	325.0	0.033		
30	13.97	33.059						323.8	20	14.00	33.059		24.710	324.4	0.065		
55	13.03	33.159						296.3	30	13.97	33.059		24.717	323.8	0.098		
71	11.51	33.070						277.3	50	13.33	33.149		24.916	304.8	0.161		
86	10.71	33.112						260.6	75	11.24	33.069		25.251	272.9	0.233		
101	10.45	33.331						240.2	100	10.46	33.317		25.581	241.6	0.298		
131	9.50	33.596						205.4	125	9.70	33.553		25.894	211.8	0.355		
156	8.98	33.823						180.6	150	9.09	33.775		26.166	185.9	0.406		
180	8.59	33.937						166.3	200	8.34	33.976		26.440	159.9	0.494		
215	8.17	33.986						156.6	250	7.82	34.027		26.557	148.8	0.573		
279	7.54	34.050						143.1	300	7.27	34.057		26.659	135.1	0.647		
378	6.35	34.075						125.7	400	6.19	34.093		26.834	122.5	0.783		
476	5.74	34.158						112.2	500	5.59	34.178		26.975	109.1	0.904		
609	5.01	34.259						96.4	600	5.05	34.253		27.099	97.3	1.014		
761	4.51	34.372						82.6	700	4.69	34.330		27.201	87.7	1.113		
910	3.99	34.446						71.7	800	4.36	34.394		27.288	79.4	1.205		
969A	3.87								1000	3.79	34.481		27.417	67.2	1.367		
1118A	3.47								1200	3.27	34.517		27.496	59.7	1.512		
1121	3.42	34.498						62.4	1500	2.74	34.565		27.583	51.4	1.705		
1267A	3.15								1750	2.35	34.599		27.643	45.8	1.850		
1416A	2.88	34.553						53.5	2000	2.04	34.620		27.685	41.8	1.982		
1615A	2.56	34.58						48.8	2250	1.88	34.636		27.711	39.3	2.106		
1813A	2.26	34.605						44.5	2500	1.77	34.657		27.736	37.0	2.225		
2012A	2.03	34.619						41.7	2750	1.67	34.659		27.745	36.1	2.341		
2210A	1.90	34.632						39.7	3000	1.58	34.669		27.760	34.7	2.454		
2410A	1.80	34.650						37.6	3250	1.56	34.679		27.770	33.7	2.566		
2608A	1.73	34.660						36.4	3500	1.53	34.684		27.776	33.2	2.677		
2808A	1.64	34.657						36.0	3750	1.50	34.686		27.779	32.9	2.788		
3007A	1.58	34.669						34.6	4000	1.51	34.687		27.779	32.9	2.901		
3206A	1.56	34.678						33.8									
3406A	1.54	34.680						33.5									
3606A	1.51	34.686						32.9									
3807A	1.50	34.706 U															
4007A	1.51	34.686						32.9									
4108A	1.50	34.696						32.0									

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						800A0 (BUOY 58)	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
33 26.0N		122 36.5W		6/12/72		2019		GMT	4128M	330	20KT	1	010	10	4		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD		
0	14.00	33.06							0	14.00	33.06		24.711	324.3	0.000		
10	13.97	33.06							10	13.97	33.06		24.718	323.7	0.032		
20	13.94	33.06							20	13.94	33.06		24.724	323.1	0.065		
30	13.92	33.06							30	13.92	33.06		24.728	322.7	0.097		
50	13.38	33.15							50	13.38	33.15		24.907	305.6	0.160		
75	11.42	33.02							75	11.42	33.02		25.182	279.5	0.234		
100	10.56	33.24							100	10.56	33.24		25.505	248.7	0.300		
125	9.77	33.56							125	9.77	33.56		25.889	212.3	0.358		
150	9.07	33.69							150	9.07	33.69		26.104	191.8	0.410		
200	8.47	33.96							200	8.47	33.96		26.408	162.9	0.500		
250	7.83	34.01							250	7.83	34.01		26.544	150.0	0.580		
300	7.37	34.07							300	7.37	34.07		26.657	139.3	0.655		
400	6.04	34.08							400	6.04	34.08		26.843	121.6	0.790		
500	5.50	34.16							500	5.50	34.16		26.973	109.3	0.911		
600	5.00	34.24							600	5.00	34.24		27.095	97.7	1.021		
700	4.64	34.32							700	4.64	34.32		27.199	87.6	1.121		
800	4.28	34.41							800	4.28	34.41		27.310	77.3	1.211		
1000	3.68	34.49							1000	3.68	34.49		27.435	65.4	1.370		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						800A0 (BUOY 58)	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
33 26.0N		122 36.5W		6/12/72		2202		GMT	4128M	330	20KT	1	010	10	4		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD		
0	14.05	33.06							0	14.05	33.06		24.701	325.3	0.000		
10	14.04	33.06							10	14.04	33.06		24.703	325.1	0.033		
20	13.98	33.06							20	13.98	33.06		24.716	323.9	0.065		
30	13.94	33.06							30	13.94	33.06		24.724	323.1	0.097		
50	13.00	33.14							50	13.00	33.14		24.975	299.2	0.160		
75	11.00	33.06							75	11.00	33.06		25.289	269.3	0.231		
100	10.25	33.31							100	10.25	33.31		25.613	238.4	0.295		
125	9.47	33.54							125	9.47	33.54		25.922	209.1	0.352		
150	8.96	33.78							150	8.96	33.78		26.191	183.5	0.401		
200	8.42	33.96							200	8.42	33.96		26.416	162.1	0.489		
250	7.83	34.00							250	7.83	34.00		26.536	150.8	0.570		
300	7.40	34.05							300	7.40	34.05		26.637	141.2	0.645		
400	6.12	34.07							400	6.12	34.07		26.825	123.3	0.782		
500	5.42	34.16							500	5.42	34.16		26.983	108.3	0.904		
600	5.02	34.24							600	5.02	34.24		27.093	97.9	1.013		
700	4.69	34.32							700	4.69	34.32		27.194	88.3	1.113		
800	4.33	34.40							800	4.33	34.40		27.297	78.6	1.204		
1000	3.68	34.46							1000	3.68	34.46		27.412	67.7	1.367		

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RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205							80080 (BUOY 58)				
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 26.0N	122 36.5W	6/14/72	0049	GMT	4145M	360	12KT	2	360	10	7				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	14.80	33.13		24.597	335.2	0.000
									10	14.81	33.14		24.602	334.7	0.034
									20	14.79	33.14		24.606	334.3	0.067
									30	14.69	33.12		24.612	333.7	0.100
									50	12.41	33.00		24.982	298.5	0.164
									75	10.78	33.09		25.351	263.4	0.234
									100	10.02	33.37		25.699	230.3	0.297
									125	9.22	33.54		25.963	205.2	0.352
									150	9.05	33.74		26.146	187.8	0.401
									200	8.31	33.94		26.417	162.0	0.490
									250	7.67	34.00		26.559	148.6	0.570
									300	7.12	34.05		26.676	137.4	0.644

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205							80080 (BUOY 58)				
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 26.0N	122 36.5W	6/14/72	0200	GMT	4136M	350	16KT	2	350	10	7				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	14.67	33.12		24.617	333.3	0.000
									10	14.67	33.12		24.617	333.3	0.033
									20	14.66	33.12		24.619	333.1	0.067
									30	14.27	33.09		24.678	327.4	0.100
									50	12.92	32.99		24.875	308.7	0.164
									75	10.80	33.10		25.355	263.0	0.235
									100	9.94	33.28		25.642	235.7	0.298
									125	9.35	33.51		25.918	209.4	0.354
									150	9.08	33.73		26.133	189.0	0.405
									200	8.40	33.96		26.419	161.9	0.494
									250	7.72	34.02		26.567	147.8	0.573
									300	7.12	34.03		26.661	138.9	0.647

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205							80090				
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 09.0N	123 13.0W	4/17/72	0803	GMT	4241M	360	28KT	2							
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	13.15	33.04		24.868	309.3	0.000
									10	13.15	33.04		24.868	309.3	0.031
									20	13.15	33.04		24.868	309.3	0.062
									30	13.04	33.04		24.890	307.3	0.093
									50	12.74	33.14		25.026	294.3	0.153
									75	12.41	33.34		25.245	273.5	0.225
									100	11.65	33.39		25.426	256.2	0.291
									125	9.73	33.52		25.864	214.6	0.351
									150	8.83	33.79		26.220	180.8	0.401
									200	8.34	33.99		26.452	158.8	0.487
									250	7.62	34.06		26.613	143.4	0.565
									300	6.86	34.07		26.728	132.6	0.636
									400	5.87	34.15		26.920	114.3	0.764
									500	5.25	34.19		27.027	104.2	0.879
									600	4.88	34.27		27.133	94.1	0.984
									700	4.69	34.35		27.218	86.1	1.081
									800	4.33	34.41		27.305	77.8	1.171
									1000	3.77	34.50		27.434	65.5	1.331

RV ALEXANDER AGASSIZ				CALCOFI CRUISE 7205							80090				
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 09.0N	123 13.0W	4/17/72	0914	GMT	4241M	360	28KT	2							
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
2	13.24	33.060	6.21					309.6	0	13.24	33.060	6.21	24.866	309.6	0.000
12	13.24	33.059	6.24					309.6	10	13.24	33.062	6.24	24.865	309.6	0.031
32	13.20	33.063	6.26					308.6	20	13.22	33.063	6.24	24.870	309.2	0.062
58	12.76	33.159	6.45					293.3	30	13.20	33.065	6.26	24.875	308.7	0.093
73	12.13	33.249	6.55					275.9	50	12.96	33.124	6.38	24.968	299.8	0.154
88	12.36	33.412	6.21					267.3	75	12.16	33.267	6.51	25.234	274.5	0.226
103	11.79	33.390	6.11					258.7	100	11.94	33.402	6.13	25.381	260.6	0.294
159	8.90	33.702	4.23					188.4	125	10.52	33.462	5.48	25.684	231.7	0.356
184	8.73	33.880						172.6	150	9.29	33.625	4.59	26.017	200.1	0.410
219	8.21	33.984	2.87					157.3	200	8.51	33.942	3.22	26.387	164.9	0.503
284	7.47	34.069	2.22					140.7	250	7.84	34.037	2.50	26.562	148.3	0.583
384	6.16	34.113	1.36					120.6	300	7.25	34.079	2.07	26.681	137.0	0.657
483	5.45	34.179	0.84					107.3	400	6.02	34.124	1.26	26.880	118.1	0.790
618	4.91	34.291	0.49					92.9	500	5.37	34.194	0.78	27.015	105.3	0.907
771	4.36	34.389	0.49					79.7	600	4.97	34.277	0.52	27.128	94.6	1.013
922	3.91	34.452	0.66					70.5	700	4.61	34.348	0.49	27.225	85.4	1.110
1132	3.37	34.506	0.92					61.4	800	4.27	34.404	0.52	27.306	77.7	1.199
									1000	3.70	34.477	0.75	27.423	66.6	1.359

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						83075 (BUOY 59)			
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
33 05.0N		121 44.5W		4/16/72		2240		GMT	4003M	350	18KT	2	350 3 3		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
									0	13.84	33.08		24.760	319.7	0.000
									10	13.76	33.08		24.776	318.1	0.032
									20	13.54	33.06		24.806	315.3	0.064
									30	13.12	33.02		24.859	310.2	0.095
									50	12.29	33.11		25.090	288.2	0.155
									75	11.34	33.18		25.321	266.3	0.225
									100	9.98	33.21		25.581	241.5	0.289
									125	9.82	33.67		25.966	204.9	0.345
									150	9.26	33.84		26.190	183.6	0.394
									200	8.72	33.96		26.370	166.5	0.483
									250	8.05	34.03		26.527	151.6	0.565
									300	7.43	34.08		26.656	139.3	0.640
									400	6.30	34.12		26.841	121.8	0.776
									500	5.59	34.21		27.002	106.6	0.896
									600	5.21	34.28		27.103	97.0	1.004
									700	5.02	34.39		27.212	86.6	1.103
									800	4.47	34.41		27.289	79.3	1.194
									1000	3.83	34.47		27.405	68.4	1.359
									1200	3.38	34.52		27.489	60.4	1.505
									1500	2.83	34.58		27.588	51.0	1.701

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						83075 (BUOY 59)			
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
33 03.5N		121 44.0W		6/14/72		0920 1330		GMT	4012M	360	10KT	2	350 3 3		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
1	14.11	33.265						311.4	0	14.11	33.265		24.846	311.4	0.000
11		33.266							10	14.11	33.266		24.846	311.5	0.031
31	14.11	33.262						311.6	20	14.11	33.265		24.845	311.6	0.062
56	13.54	33.161						307.9	30	14.11	33.264		24.844	311.6	0.094
71	12.03	33.083						285.6	50	13.90	33.220		24.855	310.6	0.156
86	11.68	33.271						265.5	75	11.89	33.128		25.177	280.0	0.230
101	11.05	33.362						247.9	100	11.10	33.359		25.502	249.0	0.297
131	9.76	33.545						213.2	125	9.99	33.509		25.810	219.7	0.356
156	9.24	33.720						192.2	150	9.34	33.680		26.052	196.8	0.409
181	8.82	33.877						174.2	200	8.56	33.939		26.376	165.9	0.501
216	8.37	33.967						160.9	250	7.94	34.018		26.532	151.1	0.582
281	7.57	34.044						143.9	300	7.36	34.054		26.646	140.3	0.657
381	6.49	34.080						127.1	400	6.26	34.093		26.824	123.4	0.794
481	5.46	34.155						109.2	500	5.37	34.172		26.997	107.0	0.915
541A	5.25	34.210						102.7	600	5.15	34.291		27.118	95.6	1.023
616	5.12	34.310						93.7	700	4.81	34.359		27.210	86.8	1.121
688A	4.86	34.352						87.8	800	4.45	34.407		27.289	79.3	1.212
770	4.54	34.308	U						1000	3.84	34.464		27.398	68.9	1.377
837A	4.34	34.424						76.9	1200	3.33	34.518		27.492	60.1	1.524
919	4.10	34.451						72.4	1500	2.78	34.559		27.575	52.1	1.720
984A	3.88	34.513	U						1750	2.35	34.592		27.637	46.3	1.866
1128	3.53	34.497						63.5	2000	2.06	34.629		27.691	41.2	1.999
1181A	3.37	34.513						60.8	2250	1.90	34.646		27.718	38.7	2.122
1378A	2.99	34.546						55.0	2500	1.78	34.666		27.742	36.3	2.239
1575A	2.65	34.567						50.5	2750	1.69	34.677		27.758	34.9	2.353
1772A	2.32	34.594						45.8	3000	1.63	34.668		27.755	35.2	2.466
1969A	2.09	34.625						41.7	3250	1.58	34.670		27.761	34.7	2.580
2167A	1.95	34.642						39.4	3500	1.54	34.682		27.773	33.4	2.693
2364A	1.84	34.651						37.9							
2561A	1.76	34.672						35.7							
2758A	1.69	34.676						34.9							
2955A	1.64	34.667						35.2							
3153A	1.60	34.666						35.0							
3350A	1.56	34.672						34.3							
3548A	1.54	34.684						33.2							
3646A	1.53	34.685						33.1							

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						83075 (BUOY 59)			
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
33 03.5N		121 44.0W		6/14/72		1215		GMT	4012M	360	10KT	2	350 3 3		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
									0	14.02	33.25		24.853	310.7	0.000
									10	14.03	33.25		24.851	310.9	0.031
									20	14.03	33.25		24.851	310.9	0.062
									30	14.04	33.25		24.849	311.1	0.093
									50	13.95	33.24		24.860	310.1	0.156
									75	12.28	32.99		24.999	296.9	0.232
									100	11.07	33.22		25.400	258.7	0.302
									125	10.27	33.43		25.703	229.9	0.364
									150	9.50	33.61		25.972	204.3	0.419
									200	8.60	33.88		26.326	170.7	0.514
									250	7.99	34.02		26.528	151.5	0.596
									300	7.45	34.06		26.638	141.1	0.672
									400	6.16	34.08		26.828	123.0	0.809
									500	5.37	34.16		26.989	107.8	0.930
									600	5.12	34.27		27.105	96.8	1.039
									700	4.84	34.34		27.193	88.4	1.139
									800	4.49	34.40		27.279	80.2	1.231
									1000	3.83	34.47		27.405	68.4	1.396

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RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					83075 (BUOY 59)	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
33 03.5N	121 44.0W	6/14/72	1407	6MT	4012M	360	10KT	2								
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	14.10	33.28		24.860	310.1	0.000	
									10	14.10	33.28		24.860	310.1	0.031	
									20	14.10	33.28		24.860	310.1	0.062	
									30	14.11	33.28		24.858	310.3	0.093	
									50	13.99	33.26		24.867	309.4	0.155	
									75	11.93	33.12		25.165	281.0	0.230	
									100	11.00	33.39		25.345	245.0	0.296	
									125	9.72	33.47		25.827	218.1	0.354	
									150	9.17	33.75		26.135	188.9	0.406	
									200	8.39	33.99		26.444	159.5	0.494	
									250	7.84	34.02		26.550	149.4	0.574	
									300	7.35	34.08		26.668	138.3	0.648	
									400	6.16	34.10		26.844	121.5	0.783	
									500	5.38	34.16		26.988	107.9	0.903	
									600	5.12	34.29		27.121	95.2	1.011	
									700	4.87	34.35		27.197	88.0	1.110	
									800	4.51	34.40		27.277	80.4	1.202	
									1000	3.88	34.47		27.399	68.9	1.368	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					83075 (BUOY 59)	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
33 04.5N	121 45.0W	6/14/72	1626	6MT	3999M	020	12KT	2	020 5 6							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	14.14	33.30		24.867	309.4	0.000	
									10	14.14	33.30		24.867	309.4	0.031	
									20	14.14	33.30		24.867	309.4	0.062	
									30	14.14	33.30		24.867	309.4	0.093	
									50	14.08	33.29		24.872	309.0	0.155	
									75	11.95	33.23		25.247	273.3	0.228	
									100	10.85	33.42		25.594	240.2	0.293	
									125	9.95	33.43		25.757	224.7	0.352	
									150	9.26	33.74		26.112	191.0	0.404	
									200	8.50	34.00		26.435	160.3	0.494	
									250	7.89	34.06		26.574	147.2	0.572	
									300	7.26	34.09		26.688	136.3	0.646	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					83075 (BUOY 59)	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
33 04.5N	121 45.0W	6/14/72	1725	6MT	3999M	360	12KT	2	360 5 7							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	14.07	33.24		24.835	312.5	0.000	
									10	14.07	33.24		24.835	312.5	0.031	
									20	14.06	33.24		24.837	312.3	0.063	
									30	14.02	33.23		24.838	312.2	0.094	
									50	13.94	33.23		24.855	310.6	0.156	
									75	12.30	33.09		25.072	289.9	0.232	
									100	11.17	33.27		25.421	256.7	0.301	
									125	10.25	33.45		25.722	228.1	0.362	
									150	9.33	33.68		26.054	196.5	0.416	
									200	8.50	33.99		26.427	161.1	0.507	
									250	7.82	34.08		26.600	144.7	0.585	
									300	7.17	34.10		26.709	134.4	0.657	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					90032	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
33 20.5N	118 03.0W	4/18/72	0755	6MT	722M	250	12KT									
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	15.57	33.44		24.666	328.5	0.000	
									10	15.57	33.44		24.666	328.5	0.033	
									20	15.51	33.43		24.672	328.0	0.066	
									30	12.92	33.38		25.176	280.0	0.096	
									50	11.45	33.44		25.502	249.0	0.149	
									75	10.52	33.62		25.808	219.9	0.208	
									100	10.04	33.78		26.015	200.3	0.261	
									125	9.72	33.94		26.193	183.3	0.310	
									150	9.32	34.00		26.305	172.6	0.355	
									200	9.02	34.21		26.518	152.5	0.438	
									250	8.32	34.19		26.611	143.6	0.514	
									300	8.13	34.28		26.710	134.2	0.586	
									400	7.14	34.25		26.831	122.8	0.720	
									500	6.58	34.26		26.915	114.8	0.846	
									600	5.99	34.30		27.023	104.5	0.963	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							90037
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 11.0N	118 22.5W	4/18/72			110A		GMT	1110M	280	10KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	15.15	33.44		24.759	319.7	0.000		
									10	15.16	33.44		24.757	319.9	0.032		
									20	15.16	33.45		24.764	319.2	0.064		
									30	15.01	33.44		24.789	316.8	0.096		
									50	11.72	33.39		25.414	257.4	0.153		
									75	10.77	33.54		25.702	230.0	0.215		
									100	9.96	33.75		26.005	201.2	0.269		
									125	9.67	33.88		26.154	187.0	0.318		
									150	8.99	33.93		26.304	172.8	0.364		
									200	8.70	34.06		26.451	158.8	0.448		
									250	8.39	34.17		26.585	146.1	0.527		
									300	8.05	34.23		26.683	136.8	0.600		
									400	7.04	34.19		26.797	126.0	0.737		
									500	6.20	34.28		26.980	108.6	0.861		
									600	5.74	34.32		27.070	100.1	0.972		
									700	5.32	34.35		27.145	93.0	1.077		
									800	4.99	34.37		27.199	87.8	1.176		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							90037
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 11.0N	118 22.5W	4/18/72			1233		GMT	1110M	280	10KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
0	15.14	33.496	5.65	0.28	1.	0.03	0.0	315.4	0	15.14	33.496	5.65	24.804	315.4	0.000		
10	15.14	33.494	6.00	0.29	1.	0.05	0.0	315.6	10	15.14	33.494	6.00	24.803	315.6	0.032		
31	14.89	33.483	6.14	0.34	2.	0.00	0.0	311.2	20	15.02	33.491	6.07	24.824	313.5	0.063		
41	12.61	33.433	6.18	0.42	3.	0.01	0.1	270.3	30	14.90	33.485	6.13	24.846	311.4	0.094		
52	11.81	33.452	5.50	0.73	6.	0.04	3.6	254.5	50	11.87	33.448	5.65	25.429	256.0	0.151		
67	11.45	33.512	4.77	1.11	9.	0.04	7.6	243.7	75	11.12	33.561	4.44	25.655	234.4	0.213		
81	10.85	33.602		1.34	13.	0.01	12.8	226.8	100	10.24	33.773	3.70	25.975	204.1	0.268		
101	10.21	33.781	3.68	1.64	20.	0.03	18.1	203.0	125	9.74	33.936	3.40	26.186	184.0	0.317		
127	9.70	33.944	3.39	1.89	26.	0.00	22.5	182.7	150	9.04	34.005	3.28	26.353	168.1	0.362		
146	9.12	34.000		2.01	32.	0.03	27.6U	169.6	200	8.53	34.067	2.83	26.482	155.8	0.445		
176	8.71	34.018	3.14	2.01	30.	0.02	22.7	162.1	250	8.31	34.209	1.55	26.627	142.1	0.521		
205	8.50	34.079	2.74	2.24	37.	0.02	27.1	154.5	300	8.07	34.264	1.11	26.706	134.6	0.593		
235	8.38	34.180	1.94	2.45	44.	0.00	30.7	145.2	400	7.10	34.265	0.91	26.847	121.2	0.726		
274	8.19	34.247	1.07	2.68	49.	0.03	34.1	138.2	500	6.15	34.311	0.70	27.011	105.7	0.846		
331	7.88	34.281	1.15	2.85	55.	0.03	36.6	130.6									
405	7.04	34.263	0.89	2.96	64.	0.04	39.2	120.5									
478	6.31	34.301	0.74	3.09	76.	0.04	41.2	108.4									
557	5.87	34.332	0.58	3.19	83.	0.03	43.8	100.7									

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							90045
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
32 54.5N	118 55.5W	4/18/72			1634		GMT	1664M	310	22KT	1	310 12 5					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	14.44	33.47		24.935	303.0	0.000		
									10	14.41	33.48		24.949	301.6	0.030		
									20	14.32	33.46		24.952	301.3	0.060		
									30	12.61	33.40		25.252	272.8	0.089		
									50	10.95	33.50		25.639	236.0	0.140		
									75	10.27	33.63		25.859	215.1	0.197		
									100	9.62	33.77		26.077	194.3	0.249		
									125	9.42	33.89		26.203	182.3	0.296		
									150	9.13	34.00		26.336	169.7	0.341		
									200	8.84	34.11		26.468	157.2	0.424		
									250	8.07	34.14		26.610	143.7	0.502		
									300	7.78	34.19		26.692	135.9	0.574		
									400	6.89	34.23		26.849	121.0	0.708		
									500	6.18	34.28		26.983	108.3	0.829		
									600	5.63	34.33		27.092	98.0	0.939		
									700	5.14	34.37		27.182	89.5	1.041		
									800	4.67	34.40		27.259	82.1	1.135		
									1000	4.08	34.45		27.363	72.3	1.307		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							90053
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
32 39.0N	119 28.5W	4/18/72			2141		GMT	1202M	330	20KT	1	310 10 6					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	13.22	33.38		25.117	285.7	0.000		
									10	13.22	33.38		25.117	285.7	0.029		
									20	13.21	33.38		25.119	285.5	0.057		
									30	12.24	33.30		25.246	273.4	0.085		
									50	11.92	33.37		25.361	262.5	0.139		
									75	10.64	33.42		25.631	236.7	0.202		
									100	10.00	33.67		25.936	207.8	0.258		
									125	9.26	33.86		26.206	182.1	0.307		
									150	8.86	33.96		26.348	168.6	0.351		
									200	8.51	34.06		26.480	156.0	0.434		
									250	8.10	34.15		26.613	143.4	0.511		
									300	7.65	34.18		26.703	134.9	0.583		
									400	6.83	34.24		26.865	119.5	0.716		
									500	6.28	34.28		26.970	109.6	0.837		
									600	5.97	34.31		27.033	103.5	0.951		
									700	5.39	34.35		27.137	93.8	1.058		
									800	4.93	34.39		27.222	85.7	1.156		
									1000	4.11	34.45		27.360	72.6	1.332		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					900A0		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 25.0N	119 57.5W	4/19/72		0153 GMT			929M	340	22KT	0	310 15 6						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DC		
									0	13.80	33.37		24.991	297.6	0.000		
									10	13.80	33.37		24.991	297.6	0.030		
									20	13.81	33.38		24.997	297.1	0.060		
									30	13.80	33.38		24.999	296.9	0.089		
									50	13.12	33.40		25.152	282.3	0.147		
									75	10.79	33.49		25.659	234.0	0.212		
									100	9.56	33.64		25.986	203.0	0.267		
									125	9.24	33.83		26.186	184.0	0.316		
									150	8.99	33.93		26.304	172.8	0.362		
									200	8.18	33.98		26.468	157.2	0.446		
									250	7.70	34.11		26.641	140.8	0.522		
									300	7.15	34.13		26.735	131.9	0.597		
									400	6.81	34.22		26.852	120.7	0.724		
									500	6.25	34.24		26.974	104.2	0.844		
									600	5.59	34.33		27.097	97.6	0.951		
									700	5.12	34.37		27.184	89.3	1.057		
									800	4.67	34.41		27.259	82.1	1.151		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					90070		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 04.5N	120 38.5W	4/19/72		0729 GMT			3926M	340	18KT								
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DC		
									0	13.97	33.07		24.725	322.9	0.000		
									10	13.97	33.07		24.725	322.9	0.032		
									20	13.97	33.08		24.733	322.2	0.065		
									30	13.97	33.08		24.733	322.2	0.097		
									50	13.28	33.04		24.842	311.8	0.160		
									75	12.07	33.02		25.062	290.9	0.236		
									100	11.17	33.12		25.305	267.8	0.307		
									125	10.78	33.27		25.490	250.1	0.372		
									150	9.98	33.43		25.752	225.2	0.432		
									200	8.96	33.85		26.246	178.3	0.535		
									250	7.68	33.97		26.505	153.7	0.620		
									300	7.32	33.99		26.601	144.6	0.696		
									400	6.03	34.04		26.813	124.5	0.836		
									500	5.33	34.14		26.978	108.8	0.958		
									600	4.81	34.25		27.125	94.9	1.066		
									700	4.62	34.36		27.233	84.6	1.163		
									800	4.29	34.39		27.293	78.9	1.252		
									1000	3.85	34.45		27.387	70.1	1.417		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					90070		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 04.5N	120 38.5W	4/19/72		0829 GMT			3926M	340	18KT								
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DC		
									0	13.95	33.129	6.19	24.775	318.2	0.000		
									10	13.97	33.129	6.10	24.771	318.6	0.032		
									20	13.97	33.133	5.99	24.772	318.5	0.064		
									30	13.95	33.132	5.95	24.779	317.8	0.096		
									50	13.06	33.070	6.26	24.908	305.6	0.158		
									75	12.17	33.089	6.14	25.095	287.7	0.233		
									100	10.97	33.114	6.01	25.334	265.0	0.302		
									125	10.60	33.365	5.24	25.594	240.3	0.366		
									150	9.69	33.553	4.44	25.894	211.7	0.423		
									200	8.60	33.950	3.47	26.380	165.6	0.519		
									250	7.89	34.000	3.11	26.527	151.6	0.600		
									300	7.23	34.018	2.65	26.634	141.4	0.676		
									400	6.02	34.074	1.57	26.841	121.9	0.813		
									500	5.39	34.169	0.77	26.993	107.4	0.933		
									600	4.96	34.269	0.46	27.123	95.1	1.040		
									700	4.70	34.358	0.40	27.222	85.6	1.138		
									800	4.38	34.412	0.43	27.300	78.3	1.227		
									1069	3.64	34.378 U	0.78	27.401	68.7	1.391		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					900A0		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 45.0N	121 19.0W	4/19/72		1302 GMT			3737M	310	16KT	1	310 10 7						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DC		
									0	14.43	33.36		24.852	310.9	0.000		
									10	14.42	33.36		24.854	310.6	0.031		
									20	14.43	33.36		24.852	310.9	0.062		
									30	14.43	33.36		24.852	310.9	0.093		
									50	14.44	33.36		24.850	311.1	0.156		
									75	13.95	33.28		24.891	307.2	0.233		
									100	13.17	33.30		25.065	290.6	0.309		
									125	12.30	33.29		25.227	275.2	0.380		
									150	10.76	33.38		25.579	241.7	0.446		
									200	9.38	33.77		26.116	190.6	0.555		
									250	8.47	33.96		26.424	161.4	0.645		
									300	7.95	34.05		26.557	148.7	0.725		
									400	6.99	34.21		26.820	123.6	0.867		
									500	6.45	34.26		26.932	113.2	0.992		
									600	5.79	34.32		27.064	100.7	1.107		
									700	5.33	34.36		27.152	92.4	1.211		
									800	4.67	34.38		27.244	83.6	1.308		
									1000	4.01	34.44		27.362	72.4	1.481		

RV DAVID STARR JORDAN					CALCOFI CRUISE 7205										
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 24.0N	122 01.0W	4/19/72	1842	GMT	3926M	340	18KT	1	340 10 6						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	15.72	33.20		24.877	308.5	0.000
									10	15.71	33.20		24.879	308.3	0.031
									20	15.71	33.20		24.879	308.3	0.062
									30	15.71	33.20		24.879	308.3	0.093
									50	13.69	33.21		24.891	307.2	0.154
									75	13.33	33.35		25.071	290.0	0.229
									100	12.13	33.29		25.259	272.1	0.300
									125	11.10	33.37		25.511	248.1	0.366
									150	10.18	33.71		25.936	207.7	0.424
									200	9.00	33.94		26.310	172.2	0.520
									250	8.28	34.01		26.476	156.4	0.605
									300	7.53	34.08		26.642	140.7	0.681
									400	6.63	34.19		26.850	120.9	0.817
									500	5.63	34.18		26.971	109.5	0.939
									600	5.17	34.23		27.084	98.8	1.049
									700	4.89	34.36		27.203	87.5	1.150
									800	4.62	34.39		27.257	82.3	1.243
									1000	4.01	34.48		27.394	69.4	1.412

90090

RV DAVID STARR JORDAN					CALCOFI CRUISE 7205										
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 05.0N	122 39.0W	4/19/72	2353	GMT	4308M	360	16KT	1	350 10 6						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	13.86	32.99		24.686	326.7	0.000
									10	13.87	32.99		24.684	326.9	0.033
									20	13.85	33.00		24.696	325.7	0.065
									30	13.78	33.00		24.710	324.4	0.098
									50	13.36	33.11		24.880	308.2	0.161
									75	12.35	33.04		25.024	294.5	0.237
									100	12.17	33.25		25.221	275.8	0.309
									125	10.80	33.24		25.464	252.7	0.376
									150	10.02	33.65		25.917	209.6	0.434
									200	8.85	33.87		26.279	175.2	0.532
									250	8.10	33.97		26.472	156.8	0.617
									300	7.33	34.00		26.608	144.0	0.694
									400	6.15	34.09		26.837	122.2	0.832
									500	5.42	34.17		26.991	107.6	0.953
									600	5.07	34.28		27.119	95.5	1.061
									700	4.64	34.35		27.223	85.6	1.159
									800	4.38	34.40		27.291	79.1	1.248
									1000	3.76	34.47		27.412	67.7	1.412

90100

RV DAVID STARR JORDAN					CALCOFI CRUISE 7205										
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
30 25.0N	124 00.0W	4/20/72	0855	GMT	4116M	270	8KT								
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	15.71	33.46		24.651	330.0	0.000
									10	15.71	33.47		24.658	329.3	0.033
									20	15.71	33.47		24.658	329.3	0.066
									30	15.71	33.47		24.658	329.3	0.099
									50	15.71	33.48		24.666	328.6	0.165
									75	14.72	33.49		24.890	307.2	0.245
									100	14.53	33.62		25.031	293.8	0.321
									125	13.25	33.51		25.211	276.7	0.393
									150	12.05	33.44		25.391	259.6	0.461
									200	10.17	33.66		25.899	211.3	0.580
									250	8.79	33.93		26.335	169.8	0.678
									300	7.93	34.02		26.537	150.7	0.760
									400	6.53	34.06		26.764	129.1	0.905
									500	5.75	34.18		26.959	110.7	1.031
									600	5.13	34.25		27.088	98.4	1.142
									700	4.88	34.35		27.196	88.1	1.243
									800	4.46	34.40		27.283	79.9	1.335
									1000	3.75	34.47		27.413	67.6	1.499

90120

RV DAVID STARR JORDAN					CALCOFI CRUISE 7205										
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
30 25.0N	124 00.0W	4/20/72	1027	GMT	4116M	270	8KT								
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	15.67			5.84		
									10	15.68			5.84		
									20	15.69			5.86		
									30	15.69			5.89		
									50	15.67			5.89		
									75	15.40			5.91		
									100	14.56			6.00		
									125	13.83			5.84		
									150	12.62			5.64		
									200	10.26			4.95		
									250	8.99			4.07		
									300	8.06			3.12		
									400	6.69			1.61		
									500	5.75			0.78		
									600	5.13			0.50		
									700	4.79			0.42		
									800	4.48			0.40		
									1000	3.82			0.63		
1	15.67		5.84	0.27	1.	0.01	0.0								
11	15.68		5.84	0.26	1.	0.00	0.0								
31	15.69		5.89	0.26	1.	0.01	0.0								
55	15.67		5.89	0.25	1.	0.01	0.0								
70	15.68		5.85	0.25	2.	0.01	0.0								
85	14.81		6.02	0.24	1.	0.01	0.1								
100	14.56		6.00	0.44U	2.	0.01	0.0								
129	13.67		5.81	0.39	3.	0.02	0.1								
155	12.34		5.59	0.52	4.	0.02	2.6								
178	11.06		5.27	0.77	9.	0.01	7.1								
212	9.92		4.77	1.16	15.	0.01	12.3								
277	8.46		3.54	1.81	32.	0.01	23.1								
374	7.00		1.94	2.54	56.	0.01	33.7								
472	5.97		0.93	2.99	75.	0.00	40.0								
603	5.12		0.50	3.16	92.	0.02	42.4								
754	4.65		0.37	3.30	101.	0.01	45.4								
900	4.11		0.51	3.33	103.	0.02	44.8								
1105	3.58		0.77	3.25	104.	0.00	44.5								

90120

RV DAVID STARR JORDAN							CALCOFI CRUISE 7205							90140	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
29 45.0N	125 20.0W	4/20/72	1819	GMT	4498M	020	7KT	1	360	5	7				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	15.67	33.49		24.683	527.0	0.000
									10	15.67	33.50		24.690	526.3	0.033
									20	15.66	33.50		24.692	526.0	0.065
									30	15.65	33.50		24.695	525.8	0.098
									50	15.63	33.50		24.699	525.4	0.163
									75	14.14	33.34		24.898	506.5	0.243
									100	12.42	33.24		25.165	481.0	0.317
									125	10.65	33.39		25.606	459.1	0.382
									150	9.55	33.68		26.022	439.6	0.436
									200	8.84	33.91		26.312	422.0	0.533
									250	7.94	33.97		26.496	404.6	0.616
									300	7.06	34.01		26.653	389.6	0.692
									400	5.97	34.09		26.860	370.0	0.827
									500	5.42	34.17		26.991	350.6	0.946
									600	5.11	34.30		27.130	334.4	1.053
									700	4.66	34.37		27.237	318.3	1.150
									800	4.41	34.43		27.312	307.2	1.238
									1000	3.82	34.49		27.421	296.8	1.399

RV DAVID STARR JORDAN							CALCOFI CRUISE 7205							95030	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 54.0N	117 31.0W	4/18/72	0130	GMT	833M	250	7KT	2	340	6	6				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0A	15.13	33.41		24.740	321.5	0.000
									10	13.98	33.39		24.970	299.7	0.031
									20	12.03	33.41		25.371	261.5	0.059
									30	11.24	33.45		25.548	244.6	0.085
									50	10.50	33.60		25.796	221.1	0.131
									75	9.91	33.88		26.114	190.8	0.183
									100	9.56	33.92		26.204	182.3	0.230
									125	9.36	34.09		26.369	166.6	0.274
									150	9.29	34.16		26.435	160.3	0.316
									200	9.10	34.22		26.513	153.0	0.396
									250	8.71	34.25		26.598	144.9	0.473
									300	8.55	34.27		26.638	141.0	0.547
									400	7.77	34.27		26.756	129.9	0.688
									500	6.83	34.28		26.897	116.5	0.818

RV ALEXANDER AGASSIZ							CALCOFI CRUISE 7205							94030	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 43.0N	117 27.0W	4/11/72	1929	GMT	556M	270	10KT	2	260	2	8				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0A	15.88	33.45		24.605	334.4	0.000
									10	10.83	33.43		25.606	239.1	0.029
									20	10.44	33.59		25.798	220.8	0.052
									30	10.28	33.66		25.880	213.1	0.073
									50	10.02	33.82		26.049	197.0	0.115
									75	9.69	33.93		26.190	183.6	0.163
									100	9.41	33.99		26.283	174.8	0.208
									125	9.23	34.04		26.351	168.3	0.251
									150	9.27	34.13		26.415	162.2	0.293
									200	8.86	34.20		26.535	150.8	0.373
									250	8.88	34.23		26.555	148.9	0.450
									300	8.40	34.23		26.630	141.8	0.525
									400	7.34	34.22		26.779	127.7	0.666
									500	6.61	34.21		26.872	118.9	0.796

RV ALEXANDER AGASSIZ							CALCOFI CRUISE 7205							94030	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 43.0N	117 27.0W	4/11/72	2037	GMT	556M	270	10KT	2	260	2	8				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
1A	15.94	33.544	6.43					328.8	0	15.94	33.544	6.43	24.663	328.8	0.000
11	13.55	33.516	7.76					282.0	10	13.80	33.516	7.63	25.103	287.0	0.031
21	10.95	33.586	4.64					229.7	20	11.17	33.574	4.99	25.656	234.4	0.057
31	10.44		4.31						30	10.49	33.590	4.34	25.788	221.8	0.080
42	10.34	33.697	4.06					211.3	50	10.22	33.749	3.98	25.958	205.6	0.123
52	10.19	33.761	3.96					204.1	75	9.87	33.910	3.37	26.143	188.1	0.172
62	9.99	33.859	3.66					193.6	100	9.55	34.008	3.18	26.273	175.7	0.218
73	9.90	33.895	3.39					189.5	125	9.29	34.019	3.11	26.325	170.8	0.262
83	9.75	33.963	3.31					182.1	150	9.27	34.121	2.65	26.406	163.1	0.304
93	9.60	34.008	3.15					176.4							
104	9.53	34.008	3.22					175.3							
114	9.48	34.005	3.21					174.7							
125	9.29	34.019	3.11					170.8							
135	9.25	34.060	3.01					167.1							
146	9.27	34.107	2.66					163.9							
156	9.28	34.155	2.64					162.0							
166	9.29	34.155	2.45					160.7							
178	9.13	34.171	2.43					157.0							

A) A SHAKEDOWN STATION.

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205										100030		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 40.5N	116 46.5W	5/ 5/72	0722	6MT	427M	310	10KT									
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	16.98	33.58		24.451	349.0	0.000	
									10	16.89	33.58		24.472	347.0	0.035	
									20	12.53	33.52		25.361	262.5	0.065	
									30	11.14	33.57		25.659	234.1	0.090	
									50	10.44	33.67		25.860	214.9	0.135	
									75	9.96	33.88		26.106	191.6	0.186	
									100	9.88	33.99		26.205	182.2	0.234	
									125	9.84	34.04		26.251	177.8	0.279	
									150	9.72	34.10		26.317	171.5	0.324	
									200	9.23	34.27		26.531	151.2	0.406	
									250	8.90	34.32		26.623	142.5	0.482	
									300	8.58	34.34		26.689	136.3	0.554	

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205										100035		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 27.5N	117 07.0W	5/ 5/72	0346	6MT	1202M	290	10KT									
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	17.08	33.57		24.420	352.0	0.000	
									10	17.08	33.57		24.420	352.0	0.035	
									20	13.53	33.59		25.216	276.2	0.067	
									30	11.62	33.67		25.649	235.0	0.092	
									50	10.13	33.78		25.999	201.7	0.136	
									75	9.73	33.91		26.168	185.7	0.185	
									100	9.46	33.99		26.275	175.5	0.230	
									125	9.68	34.14		26.355	167.9	0.274	
									150	9.04	34.14		26.460	158.0	0.315	
									200	9.18	34.35		26.601	144.6	0.393	
									250	8.87	34.38		26.674	137.6	0.465	
									300	8.38	34.36		26.735	131.8	0.535	
									400	7.35	34.34		26.872	118.9	0.667	
									500	6.31	34.33		27.006	106.2	0.786	
									600	5.60	34.38		27.135	93.9	0.893	
									700	5.08	34.42		27.229	85.1	0.991	
									800	4.94	34.45		27.268	81.3	1.082	
									1000	4.28	34.49		27.373	71.3	1.254	

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205										100040		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 22.5N	117 26.5W	5/ 4/72	2337	6MT	1756M	300	9KT	2	280 1 3							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	17.11	33.56		24.405	353.4	0.000	
									10	16.88	33.52		24.429	351.2	0.035	
									20	15.33	33.46		24.735	322.0	0.069	
									30	14.34	33.42		24.917	304.6	0.100	
									50	12.13	33.40		25.344	264.0	0.157	
									75	10.65	33.67		25.824	218.4	0.218	
									100	10.09	33.84		26.053	196.6	0.270	
									125	9.72	33.99		26.232	179.6	0.318	
									150	9.59	34.18		26.401	163.5	0.362	
									200	9.49	34.33		26.535	150.8	0.442	
									250	8.99	34.37		26.647	140.2	0.517	
									300	8.48	34.38		26.735	131.8	0.588	
									400	7.64	34.36		26.846	121.4	0.720	
									500	6.72	34.35		26.967	109.9	0.843	
									600	5.91	34.37		27.088	98.3	0.955	
									700	5.41	34.41		27.181	89.5	1.057	
									800	4.97	34.43		27.249	83.1	1.152	
									1000	4.19	34.51		27.399	68.9	1.323	

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205										100040		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 22.5N	117 26.5W	5/ 5/72	0105	6MT	1756M	300	9KT	2	280 1 3							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
2	17.11	33.565	6.21	0.24	2.	0.00	0.0	353.0	0	17.11	33.565	6.21	24.409	353.0	0.000	
12	16.89	33.552	6.62	0.28	2.	0.00	0.0	349.0	10	16.93	33.556	6.56	24.443	349.8	0.035	
32	13.85	33.461	6.67	0.25	2.	0.00	0.0	291.5	20	15.82	33.506	6.64	24.660	329.2	0.069	
56	11.34	33.528	4.98	0.96	10.	0.11	6.2	240.6	30	14.19	33.467	6.67	24.982	298.4	0.101	
71	10.82	33.626	4.45	1.26	14.	0.06	10.8	224.5	50	11.81	33.500	5.44	25.482	251.0	0.156	
85	10.30	33.746	3.92	1.48	18.	0.02	14.4	207.0	75	10.66	33.663	4.29	25.816	219.2	0.215	
100	10.10	33.822	3.58	1.61	23.	0.01	16.2	198.1	100	10.10	33.822	3.58	26.037	198.1	0.267	
129	9.59	33.990	3.14	1.87	28.	0.01	20.0	177.6	125	9.65	33.966	3.21	26.224	180.4	0.315	
154	9.64	34.177	2.15	2.24	35.	0.00	25.4	164.5	150	9.63	34.154	2.31	26.373	166.2	0.359	
178	9.64	34.244	1.76	2.37	38.	0.00	27.6	159.6	200	9.47	34.293	1.50	26.510	153.2	0.441	
212	9.34	34.314	1.38	2.55	42.	0.00	28.8	149.7	250	9.02	34.361	1.05	26.635	141.4	0.517	
275	8.82	34.377	0.89	2.78	50.	0.00	31.3	137.1	300	8.64	34.385	0.84	26.714	133.9	0.588	
372	8.12	34.377	0.69	2.92	57.	0.00	36.5	126.8	400	7.88	34.366	0.67	26.815	124.3	0.724	
466	7.26	34.340	0.62	3.01	66.	0.00	37.0	117.7	500	6.87	34.340	0.57	26.938	112.6	0.849	
596	5.85	34.361	0.44	3.21	86.	0.00	40.3	98.3	600	5.83	34.363	0.44	27.093	97.9	0.962	
743	5.20	34.407	0.47	3.31	99.	0.01	44.5	87.4	700	5.34	34.394	0.46	27.177	90.0	1.064	
888	4.52	34.453	0.55	3.32	112.	0.00	44.3	76.6	800	4.92	34.426	0.49	27.251	82.9	1.159	
1092	3.90	34.498	0.81	3.29	127.	0.00	44.2	66.9	1000	4.13	34.482	0.67	27.382	70.5	1.331	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						100050			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 01.0N	118 06.0W	5/ 4/72	1837	GMT	1763M	300	6KT	2	290	2	3				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	15.67	33.58		24.752	320.4	0.000
									10	15.64	33.58		24.758	319.8	0.032
									20	15.53	33.57		24.775	318.2	0.064
									30	15.28	33.54		24.807	315.1	0.096
									50	14.90	33.49		24.852	310.9	0.159
									75	13.27	33.43		25.145	283.0	0.233
									100	11.87	33.52		25.486	250.5	0.300
									125	10.61	33.62		25.792	221.4	0.360
									150	10.07	33.80		26.025	199.3	0.413
									200	9.23	34.00		26.320	171.3	0.508
									250	8.51	34.09		26.504	153.8	0.591
									300	7.76	34.17		26.679	137.2	0.666
									400	6.74	34.26		26.893	116.8	0.799
									500	6.07	34.29		27.005	106.3	0.917
									600	5.55	34.35		27.117	95.6	1.025
									700	5.16	34.41		27.211	86.7	1.124
									800	4.75	34.45		27.290	79.2	1.215
									1000	4.00	34.52		27.427	66.3	1.378

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						100060			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
30 40.5N	118 47.5W	5/ 4/72	1339	GMT	3075M	290	9KT	2	290	1	3				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.00	33.68		24.754	320.2	0.000
									10	16.00	33.68		24.754	320.2	0.032
									20	15.90	33.65		24.754	320.2	0.064
									30	15.87	33.64		24.753	320.3	0.096
									50	13.41	33.24		24.971	299.6	0.158
									75	12.30	33.30		25.235	274.4	0.231
									100	11.23	33.40		25.511	248.2	0.296
									125	10.50	33.50		25.718	228.5	0.357
									150	9.63	33.75		26.060	196.0	0.410
									200	8.68	33.99		26.399	163.7	0.502
									250	7.85	34.03		26.556	148.8	0.582
									300	7.25	34.09		26.690	136.2	0.655
									400	6.31	34.18		26.887	117.4	0.787
									500	5.69	34.26		27.029	104.0	0.904
									600	5.41	34.35		27.134	94.0	1.010
									700	4.99	34.41		27.231	84.8	1.107
									800	4.59	34.44		27.300	78.3	1.196
									1000	4.00	34.49		27.403	68.5	1.361

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						100070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
30 20.5N	119 27.0W	5/ 4/72	0618	GMT	3737M	280	7KT	2	290	2	3				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	15.31	33.51		24.778	317.9	0.000
									10	15.27	33.52		24.794	316.4	0.032
									20	15.16	33.50		24.803	315.5	0.063
									30	15.04	33.49		24.821	313.8	0.095
									50	14.94	33.51		24.858	310.3	0.158
									75	12.20	33.31		25.262	271.9	0.231
									100	10.58	33.48		25.688	231.3	0.294
									125	9.63	33.75		26.060	196.0	0.348
									150	9.18	33.88		26.234	179.4	0.396
									200	8.29	34.00		26.467	157.3	0.481
									250	7.59	34.04		26.602	144.5	0.559
									300	6.92	34.07		26.720	133.3	0.630
									400	5.89	34.13		26.902	116.1	0.760
									500	5.56	34.25		27.037	103.2	0.875
									600	5.42	34.39		27.165	91.1	0.979
									700	4.97	34.41		27.233	84.6	1.075
									800	4.54	34.44		27.306	77.8	1.164
									1000	3.91	34.51		27.428	66.1	1.325

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						100080			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
30 00.0N	120 07.0W	5/ 4/72	0047	GMT	4212M	290	11KT	2	320	2	6				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	14.68	33.24		24.707	324.7	0.000
									10	14.68	33.24		24.707	324.7	0.032
									20	14.21	33.17		24.752	320.4	0.065
									30	14.12	33.22		24.810	314.9	0.097
									50	13.83	33.20		24.854	310.7	0.159
									75	13.42	33.25		24.976	299.0	0.236
									100	11.92	33.20		25.229	275.0	0.308
									125	10.50	33.38		25.625	237.4	0.373
									150	10.14	33.63		25.881	213.0	0.430
									200	8.89	33.92		26.312	172.0	0.528
									250	8.00	34.01		26.518	152.4	0.611
									300	7.34	34.03		26.630	141.9	0.687
									400	6.05	34.10		26.858	120.2	0.823
									500	5.44	34.21		27.020	104.8	0.941
									600	5.12	34.34		27.161	91.5	1.046
									700	4.78	34.40		27.247	83.3	1.140
									800	4.48	34.44		27.312	77.1	1.228
									1000	3.92	34.50		27.419	67.0	1.390

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					100080	
LATITUDE		LONGITUDE		MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
30 00.0N		120 07.0W		5/ 4/72			0210	GMT		4212M	290	11KT	2	320 2 6		
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
1	14.44	33.241	6.21	0.41	2.	0.01	0.0	319.8	0	14.44	33.241	6.21	24.759	319.8	0.000	
11	14.46	33.252	6.22	0.36	2.	0.01	0.0	319.4	10	14.46	33.253	6.22	24.762	319.4	0.032	
31	14.50	33.309	6.21	0.43	2.	0.01	0.0	316.0	20	14.48	33.275	6.22	24.775	318.2	0.064	
56	13.82	33.220	6.32	0.46	2.	0.00	0.0	309.0	30	14.50	33.307	6.21	24.796	316.2	0.096	
72	12.91	33.086	6.49	0.37	3.	0.00	0.0	301.4	50	14.06	33.258	6.28	24.850	311.1	0.159	
86	12.53	33.175	6.28	0.42	3.	0.02	0.0	287.8	75	12.84	33.104	6.46	24.977	299.0	0.235	
102	11.24	33.168	6.05	0.65	5.	0.00	4.	265.5	100	11.41	33.171	6.08	25.299	268.3	0.307	
132	10.40	33.390	5.27	1.05	11.	0.00	10.6	235.0	125	10.49	33.322	5.46	25.580	241.6	0.371	
155	10.02	33.661	4.79	1.21	14.	0.00	14.5	208.8	150	10.10	33.607	4.89	25.868	214.3	0.429	
181	9.26	33.783	4.16	1.61	21.	0.00	21.5	187.8	200	8.99	33.877	3.97	26.262	176.7	0.528	
215	8.83	33.939	3.88	1.65	27.	0.00	22.1	169.7	250	8.25	33.997	3.43	26.470	157.0	0.614	
279	7.74	34.007	3.00	2.17	41.	0.00	28.3	149.0	300	7.41	34.019	2.70	26.610	143.8	0.691	
375	6.43	34.059	1.69	2.74	63.	0.00	37.2	127.9	400	6.19	34.089	1.39	26.831	122.8	0.830	
473	5.65	34.181	0.69	3.10	81.	0.00	41.7	109.4	500	5.51	34.212	0.62	27.011	105.6	0.949	
603	5.12	34.308 A	0.35	3.25	96.	0.00	43.8	93.9	600	5.13	34.306	0.36	27.132	94.2	1.056	
752	4.57	34.411	0.44	3.37	105.	0.00	45.7	80.3	700	4.75	34.382	0.41	27.235	84.4	1.152	
899	4.15	34.457	0.53	3.42	117.	0.00	45.1	72.5	800	4.42	34.430	0.47	27.310	77.3	1.241	
1108	3.66	34.503	0.75	3.33	129.	0.00	44.6	64.3	1000	3.90	34.483	0.62	27.407	68.1	1.403	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					100090	
LATITUDE		LONGITUDE		MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
29 40.5N		120 47.0W		5/ 3/72			1900	GMT		3926M	280	10KT	2	270 2 6		
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	16.00	33.65		24.731	322.4	0.000	
									10	15.97	33.65		24.738	321.7	0.032	
									20	15.90	33.65		24.754	320.2	0.064	
									30	15.85	33.66		24.773	318.4	0.096	
									50	15.77	33.67		24.798	316.0	0.160	
									75	15.73	33.68		24.815	314.4	0.239	
									100	15.22	33.70		24.943	302.2	0.317	
									125	14.12	33.66		25.148	282.7	0.391	
									150	12.17	33.53		25.437	255.2	0.459	
									200	10.05	33.71		25.958	205.6	0.576	
									250	8.90	33.95		26.334	170.0	0.672	
									300	7.77	33.99		26.537	150.7	0.755	
									400	6.63	34.11		26.790	126.6	0.899	
									500	5.82	34.19		26.958	110.7	1.024	
									600	5.19	34.29		27.113	96.0	1.134	
									700	4.82	34.38		27.227	85.2	1.232	
									800	4.46	34.44		27.314	76.9	1.320	
									1000	3.92	34.50		27.419	67.0	1.481	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					100100	
LATITUDE		LONGITUDE		MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
29 20.0N		121 26.5W		5/ 3/72			1405	GMT		4068M	270	6KT	2	320 2 5		
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	15.56	33.48		24.699	325.4	0.000	
									10	15.36	33.48		24.744	321.2	0.032	
									20	15.26	33.49		24.773	318.3	0.064	
									30	15.37	33.57		24.810	314.8	0.096	
									50	15.45	33.62		24.831	312.8	0.159	
									75	14.58	33.51		24.936	302.9	0.236	
									100	14.13	33.52		25.038	293.1	0.312	
									125	12.52	33.35		25.231	274.8	0.383	
									150	11.50	33.42		25.477	251.4	0.450	
									200	9.89	33.78		26.040	197.9	0.564	
									250	8.90	33.99		26.365	167.0	0.657	
									300	8.00	34.05		26.550	149.4	0.739	
									400	6.83	34.17		26.810	124.7	0.882	
									500	5.86	34.22		26.976	109.0	1.005	
									600	5.34	34.32		27.119	95.5	1.114	
									700	4.98	34.39		27.216	86.2	1.212	
									800	4.60	34.44		27.299	78.4	1.302	
									1000	3.96	34.49		27.407	68.1	1.466	

A) AN ERROR OF -0.05 IN CONDUCTIVITY RATIO, 1.95 PPT, HAS BEEN ASSUMED FOR THIS VALUE.

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

100190

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
28 40.5N	122 46.0W	5/ 3/72	0524	GMT		4116M	060	6KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.35	33.66		24.659	329.2	0.000
									10	16.33	33.72		24.709	324.4	0.033
									20	16.20	33.71		24.732	322.3	0.065
									30	16.14	33.71		24.745	321.0	0.097
									50	16.09	33.71		24.757	319.9	0.162
									75	15.88	33.67		24.773	318.3	0.242
									100	14.03	33.52		25.059	291.1	0.319
									125	11.86	33.45		25.434	255.5	0.388
									150	10.73	33.62		25.771	223.4	0.448
									200	9.29	33.92		26.248	178.1	0.551
									250	8.67	34.06		26.456	158.4	0.637
									300	8.21	34.23		26.659	139.0	0.714
									400	7.28	34.30		26.850	120.9	0.849
									500	6.49	34.34		26.990	107.7	0.971
									600	5.74	34.38		27.117	95.6	1.080
									700	5.32	34.42		27.200	87.7	1.179
									800	4.82	34.45		27.282	80.0	1.272
									1000	4.02	34.50		27.409	68.0	1.438

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

100120

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
28 40.5N	122 46.0W	5/ 3/72	0638	GMT		4116M	060	6KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.37	33.689	5.89	24.676	327.6	0.000
									10	16.31	33.704	5.91	24.702	325.2	0.033
									20	16.18	33.698	5.95	24.726	322.9	0.065
									30	16.05	33.682	5.99	24.744	321.1	0.097
									50	16.05	33.685	5.95	24.745	321.0	0.162
									75	15.77	33.643	6.00	24.776	318.1	0.242
									100	14.07	33.519	5.95	25.050	292.0	0.319
									125	11.94	33.525	4.88	25.476	251.5	0.387
									150	10.86	33.612	4.45	25.740	226.4	0.448
									200	9.31	33.882	3.71	26.213	181.4	0.552
									250	8.79	34.034	3.05	26.415	162.2	0.640
									300	8.40	34.139	2.15	26.559	148.6	0.720
									400	7.47	34.271	0.84	26.799	125.8	0.863
									500	6.57	34.323	0.46	26.966	110.0	0.988
									600	5.72	34.366	0.33	27.108	96.4	1.099
									700	5.18	34.405	0.38	27.205	87.3	1.198
									800	4.72	34.433	0.45	27.279	80.3	1.290
									1000	3.94	34.478	0.68	27.400	68.8	1.457

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

100140

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
28 00.0N	124 04.0W	5/ 2/72	2103	GMT		4507M	310	1KT	1						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.58	33.68		24.621	332.8	0.000
									10	16.13	33.67		24.717	323.7	0.033
									20	16.08	33.68		24.736	321.9	0.065
									30	16.02	33.67		24.742	321.3	0.097
									50	15.92	33.65		24.749	320.6	0.162
									75	14.95	33.49		24.841	311.9	0.241
									100	14.07	33.40		24.959	300.7	0.319
									125	13.19	33.39		25.130	284.4	0.392
									150	11.96	33.49		25.446	254.3	0.461
									200	9.93	33.68		25.955	205.9	0.578
									250	8.76	33.99		26.387	164.9	0.672
									300	8.14	34.12		26.584	146.2	0.753
									400	7.33	34.23		26.788	126.8	0.895
									500	6.66	34.32		26.951	111.3	1.021
									600	5.86	34.37		27.095	97.8	1.133
									700	5.25	34.43		27.216	86.2	1.233
									800	4.74	34.42		27.267	81.4	1.325
									1000	4.00	34.50		27.411	67.8	1.492

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

110035

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
29 46.0N	116 00.0W	5/ 9/72	1340	GMT		1114M	340	19KT	2						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	13.09	33.43		25.181	279.5	0.000
									10	13.08	33.44		25.191	278.6	0.028
									20	12.99	33.47		25.232	274.7	0.056
									30	12.19	33.43		25.356	262.9	0.083
									50	10.69	33.55		25.724	227.9	0.132
									75	9.93	33.75		26.010	200.7	0.186
									100	10.20	34.03		26.182	184.4	0.234
									125	10.07	34.18		26.321	171.2	0.279
									150	9.85	34.22		26.389	164.7	0.322
									200	9.63	34.33		26.512	153.0	0.403
									250	9.31	34.36		26.588	145.8	0.480
									300	8.98	34.45		26.711	134.1	0.553
									400	7.79	34.39		26.847	121.2	0.687
									500	6.98	34.38		26.955	111.0	0.810
									600	6.17	34.38		27.063	100.7	0.924
									700	5.49	34.40		27.164	91.2	1.029
									800	4.79	34.43		27.270	81.2	1.123
									1000	3.87	34.50		27.424	66.5	1.289

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110040
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
29 37.0N	116 20.0W	5/ 9/72			1653 GMT			2227M	310	22KT	2	310 6 5				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	16.03	33.61		24.694	325.9	0.000	
									10	16.01	33.61		24.698	325.5	0.033	
									20	16.01	33.61		24.698	325.5	0.065	
									30	16.00	33.61		24.700	325.3	0.098	
									50	15.94	33.61		24.714	324.0	0.163	
									75	13.59	33.45		25.096	287.7	0.240	
									100	11.51	33.51		25.545	244.9	0.307	
									125	10.31	33.60		25.829	218.0	0.365	
									150	9.61	33.83		26.125	189.7	0.417	
									200	8.68	34.00		26.407	163.0	0.507	
									250	8.28	34.13		26.570	147.5	0.587	
									300	8.12	34.25		26.688	136.3	0.660	
									400	7.52	34.34		26.847	121.2	0.795	
									500	6.75	34.35		26.963	110.3	0.917	
									600	5.97	34.37		27.081	99.1	1.030	
									700	5.39	34.39		27.168	90.8	1.133	
									800	4.92	34.42		27.247	83.3	1.229	
									1000	4.08	34.47		27.379	70.8	1.401	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110040
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
29 37.0N	116 20.0W	5/ 9/72			1808 GMT			2227M	310	22KT	2	310 6 5				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	16.03	33.640	5.94	24.717	323.7	0.000	
									10	16.03	33.640	6.05	24.717	323.7	0.032	
									20	16.03	33.640	6.03	24.716	323.8	0.065	
									30	16.02	33.636	5.96	24.716	323.8	0.097	
									50	15.85	33.620	5.97	24.740	321.5	0.162	
									75	13.68	33.472	5.92	25.092	288.0	0.239	
									100	11.86	33.512	5.07	25.482	250.9	0.307	
									125	10.53	33.610	4.58	25.796	221.0	0.366	
									150	9.74	33.815	3.85	26.090	193.1	0.419	
									200	8.63	34.004	2.87	26.417	162.1	0.509	
									250	8.31	34.166	1.77	26.593	145.3	0.588	
									300	8.18	34.275	1.18	26.698	135.4	0.661	
									400	7.58	34.355	0.55	26.850	121.0	0.795	
									500	6.87	34.360	0.35	26.954	111.1	0.918	
									600	6.04	34.382	0.15	27.080	99.1	1.031	
									700	5.39	34.413	0.28	27.186	89.1	1.133	
									800	4.82	34.443	0.43	27.275	80.6	1.227	
									1093	3.77	34.509	0.76	27.405	68.3	1.393	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
29 16.5N	116 59.0W	5/ 9/72			2342 GMT			3926M	320	22KT	1	310 8 5				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	16.08	33.57		24.652	329.9	0.000	
									10	16.03	33.58		24.671	328.1	0.033	
									20	16.05	33.59		24.678	327.4	0.066	
									30	16.01	33.59		24.683	327.0	0.099	
									50	15.96	33.59		24.694	325.9	0.164	
									75	14.25	33.40		24.921	304.3	0.243	
									100	13.22	33.31		25.063	290.8	0.318	
									125	11.52	33.44		25.489	250.2	0.387	
									150	10.69	33.58		25.747	225.7	0.447	
									200	10.04	33.92		26.124	189.9	0.553	
									250	8.67	33.97		26.385	165.1	0.643	
									300	8.01	34.05		26.548	149.6	0.725	
									400	7.23	34.21		26.787	127.0	0.869	
									500	6.48	34.29		26.952	111.3	0.994	
									600	5.71	34.33		27.082	99.0	1.107	
									700	5.23	34.37		27.171	90.5	1.210	
									800	4.89	34.41		27.242	83.7	1.305	
									1000	4.16	34.47		27.370	71.6	1.479	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110060
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
28 56.5N	117 39.0W	5/10/72			0539 GMT			3737M	330	22KT						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD	
									0	16.29	33.61		24.634	331.6	0.000	
									10	16.30	33.62		24.640	331.1	0.033	
									20	16.30	33.63		24.647	330.3	0.066	
									30	16.30	33.63		24.647	330.3	0.099	
									50	16.26	33.62		24.649	330.2	0.166	
									75	13.35	33.56		24.807	315.1	0.247	
									100	12.49	33.46		25.322	266.1	0.320	
									125	11.95	33.76		25.657	234.3	0.383	
									150	10.92	33.87		25.931	208.2	0.439	
									200	10.46	34.23		26.292	173.9	0.537	
									250	9.78	34.28		26.448	159.1	0.622	
									300	9.17	34.34		26.595	145.1	0.701	
									400	7.50	34.29		26.811	124.7	0.842	
									500	6.76	34.32		26.938	112.6	0.968	
									600	6.13	34.38		27.066	100.5	1.082	
									700	5.64	34.40		27.146	92.9	1.188	
									800	5.07	34.42		27.230	84.9	1.286	
									1000	4.25	34.47		27.361	72.5	1.462	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110070
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
28 36.5N	118 18.0W	5/10/72			1103 GMT			3926M	330	18KT		O2	S1GT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	16.66	33.70		24.618	333.1	0.000	
									10	16.66	33.71		24.626	332.4	0.033	
									20	16.66	33.71		24.626	332.4	0.067	
									30	16.65	33.71		24.628	332.2	0.100	
									50	16.55	33.68		24.635	331.7	0.167	
									75	14.08	33.49		25.026	294.3	0.245	
									100	12.49	33.45		25.314	266.9	0.316	
									125	11.12	33.59		25.678	232.3	0.379	
									150	10.43	33.75		25.924	208.9	0.435	
									200	9.79	34.07		26.282	174.8	0.533	
									250	9.25	34.22		26.488	155.3	0.617	
									300	8.56	34.25		26.621	142.6	0.694	
									400	7.62	34.32		26.817	124.1	0.834	
									500	6.55	34.33		26.974	109.2	0.958	
									600	5.85	34.37		27.096	97.6	1.068	
									700	5.38	34.40		27.177	89.9	1.170	
									800	4.95	34.42		27.243	83.6	1.266	
									1000	4.16	34.47		27.370	71.6	1.439	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110080
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
28 16.5N	118 57.5W	5/10/72			1603 GMT			4116M	340	16KT	1	O2	S1GT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	16.64	33.73		24.646	330.5	0.000	
									10	16.64	33.74		24.653	329.8	0.033	
									20	16.64	33.74		24.653	329.8	0.066	
									30	16.64	33.74		24.653	329.8	0.099	
									50	16.44	33.68		24.653	329.7	0.165	
									75	13.87	33.44		25.031	293.9	0.244	
									100	12.70	33.49		25.304	267.8	0.314	
									125	10.90	33.66		25.772	223.3	0.376	
									150	10.13	33.81		26.023	199.5	0.430	
									200	9.61	34.08		26.320	171.2	0.525	
									250	9.03	34.20		26.508	153.4	0.608	
									300	8.50	34.25		26.631	141.8	0.684	
									400	7.60	34.32		26.820	123.8	0.823	
									500	6.55	34.33		26.974	109.2	0.947	
									600	5.92	34.36		27.079	99.2	1.058	
									700	5.39	34.39		27.168	90.8	1.162	
									800	4.85	34.41		27.247	83.3	1.257	
									1000	4.09	34.47		27.378	70.9	1.429	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						110080
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
28 16.5N	118 57.5W	5/10/72			1745 GMT			4116M	340	16KT	1	O2	S1GT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
1	16.65	33.757	5.87	0.30	0.	0.00	0.0	328.8	0	16.65	33.757	5.87	24.664	328.8	0.000	
11	16.63	33.757	5.92	0.21	0.	0.00	0.0	328.3	10	16.63	33.758	5.92	24.668	328.3	0.033	
30	16.63	33.758	5.87	0.19	1.	0.01	0.0	328.2	20	16.63	33.759	5.90	24.669	328.3	0.066	
55	16.56	33.747	5.90	0.19	1.	0.01	0.0	327.5	30	16.63	33.758	5.87	24.669	328.2	0.099	
69	15.61	33.626	6.06	0.22	1.	0.01	0.0	315.8	50	16.57	33.751	5.89	24.675	327.7	0.164	
84	13.93	33.492	5.87	0.33	2.	0.01	0.0	291.2	75	14.94	33.562	5.98	24.898	306.5	0.244	
99	12.94	33.522	5.02	0.68	5.	0.01	2.6	269.9	100	12.86	33.526	4.98	25.299	268.3	0.317	
128	10.99	33.647	4.11	1.29	13.	0.01	15.1	225.8	125	11.16	33.631	4.18	25.701	230.1	0.380	
152	10.36	33.824	3.53	1.57	19.	0.00	19.8	202.2	150	10.39	33.811	3.57	25.978	203.8	0.435	
176	9.93	33.928	3.25	1.72	24.	0.00	21.3	187.6	200	9.68	34.068	2.71	26.297	173.4	0.531	
210	9.60	34.121	2.47	2.06	31.	0.01	26.3	168.0	250	9.10	34.217	1.87	26.509	153.3	0.615	
272	8.82	34.237	1.63	2.46	44.	0.00	32.3	147.5	300	8.54	34.270	1.33	26.638	141.0	0.691	
367	7.97	34.335	0.79	2.80	56.	0.01	37.3	129.3	400	7.70	34.330	0.63	26.814	124.4	0.830	
463	7.17	34.347	0.45	3.04	64.	0.02	31.4U	116.0	500	6.80	34.352	0.38	26.957	110.8	0.954	
593	5.94	34.366	0.30	3.19	82.	0.01	43.3	99.0	600	5.89	34.369	0.30	27.089	98.3	1.067	
745	5.09	34.419	0.33	3.27	93.	0.01	44.2	85.2	700	5.30	34.404	0.32	27.189	88.8	1.168	
891	4.42	34.451	0.48	3.27	110.	0.01	44.6	75.7	800	4.82	34.433	0.38	27.268	81.3	1.262	
1105	3.83	34.499	0.69	3.27	125.	0.01	44.2	66.2	1000	4.06	34.477	0.59	27.385	70.2	1.431	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						120045
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
27 43.0N	115 33.0W	5/12/72			0259 GMT			2415M	330	16KT		O2	S1GT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD	
									0	14.13	33.51		25.031	293.9	0.000	
									10	14.13	33.52		25.038	293.1	0.029	
									20	14.17	33.55		25.053	291.7	0.059	
									30	14.01	33.56		25.094	287.8	0.088	
									50	11.58	33.49		25.517	247.6	0.141	
									75	10.64	33.96		26.051	196.8	0.197	
									100	11.40	34.39		26.248	178.1	0.245	
									125	11.40	34.48		26.317	171.5	0.289	
									150	11.22	34.54		26.397	163.9	0.332	
									200	10.90	34.59		26.494	154.7	0.413	
									250	10.30	34.58		26.592	145.4	0.491	
									300	9.71	34.55		26.670	136.0	0.565	
									400	8.48	34.48		26.814	124.4	0.703	
									500	6.78	34.38		26.982	108.4	0.827	
									600	6.20	34.42		27.091	98.1	0.938	
									700	5.65	34.43		27.168	90.8	1.041	
									800	5.01	34.43		27.245	83.5	1.137	
									1000	4.08	34.49		27.395	69.3	1.308	

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205						120050	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
27 33.0N	115 52.5W	5/11/72		2222 6MT			4116M	330	12KT	2	310 4 7				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	16.15	33.56		24.628	332.2	0.000
									10	16.04	33.55		24.645	330.5	0.033
									20	15.95	33.56		24.673	327.9	0.066
									30	14.41	33.44		24.918	304.6	0.098
									50	13.45	33.37		25.063	290.8	0.158
									75	11.90	33.62		25.558	243.7	0.225
									100	11.14	33.91		25.923	209.0	0.282
									125	10.92	34.02		26.048	197.1	0.333
									150	10.67	34.08		26.139	188.5	0.382
									200	9.95	34.25		26.396	164.1	0.472
									250	9.30	34.31		26.550	149.4	0.553
									300	8.76	34.33		26.653	139.7	0.628
									400	7.44	34.32		26.843	121.6	0.765
									500	6.61	34.36		26.989	107.7	0.886
									600	5.89	34.37		27.091	98.1	0.997
									700	5.36	34.41		27.188	88.9	1.098
									800	4.91	34.44		27.264	81.7	1.192
									1000	4.21	34.48		27.373	71.4	1.364

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205						120050	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
27 33.0N	115 52.5W	5/11/72		2312 6MT			4116M	330	12KT	2	310 4 7				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
0	16.14	33.594	7.50	0.17	2.	0.03	0.0	329.5	0	16.14	33.594	7.50	24.656	329.5	0.000
9	16.13	33.590	7.63	0.12	2.	0.02	0.0	329.6	10	16.10	33.589	7.59	24.661	329.0	0.033
29	15.06	33.511	6.47	0.21	2.	0.01	0.0	312.7	20	15.64	33.552	7.00	24.735	322.0	0.066
53	13.54	33.455	5.87	0.39	4.	0.01	0.0	286.3	30	15.00	33.510	6.43	24.844	311.6	0.097
68	12.63	33.450	5.59	0.57	5.	0.04	0.9	270.9	50	13.73	33.462	5.92	25.074	289.7	0.158
83	12.05	33.582	4.47	1.05	11.	0.01	9.8	249.2	75	12.35	33.489	5.13	25.370	261.6	0.227
97	11.39	33.775	3.23	1.60	19.	0.01	17.9	223.3	100	11.31	33.811	3.01	25.814	219.4	0.288
126	10.98	34.013	1.79	2.22	30.	0.00	27.4	198.6	125	10.98	34.010	1.82	26.028	199.0	0.340
151	10.85	34.063	1.62	2.33	32.	0.00	28.8	192.7	150	10.85	34.063	1.63	26.092	192.9	0.390
175	10.61	34.137	1.79	2.25	32.	0.00	27.3	183.2	200	10.18	34.249	1.60	26.355	167.9	0.482
208	10.02	34.281	1.50	2.41	37.	0.01	30.0	162.9	250	9.31	34.331	1.17	26.564	148.0	0.564
270	9.00	34.328	1.04	2.67	45.	0.00	33.6	143.4	300	8.59	34.335	0.89	26.682	136.9	0.638
366	7.82	34.336	0.64	2.90	58.	0.01	37.2	125.6	400	7.45	34.346	0.52	26.861	119.9	0.772
459	6.88	34.362	0.35	3.11	70.	0.00	40.6	111.0	500	6.57	34.370	0.32	27.002	106.5	0.892
586	6.03	34.383	0.26	3.23	84.	0.00	42.6	98.8	600	5.94	34.388	0.26	27.097	97.5	1.002
733	5.21	34.427	0.29	3.30	97.	0.00	43.6	86.0	700	5.38	34.417	0.28	27.191	88.6	1.103
875	4.63	34.464	0.38	3.35	110.	0.00	44.1	76.9	800	4.92	34.446	0.32	27.267	81.4	1.197
1078	3.91	34.499	0.65	3.31	125.	0.00	43.6	67.0	1000	4.17	34.489	0.53	27.384	70.4	1.367

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205						120060	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
27 13.0N	116 30.5W	5/11/72		1634 6MT			3737M	320	10KT	2	270 5 8				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	16.25	33.54		24.590	335.8	0.000
									10	16.26	33.55		24.595	335.3	0.034
									20	16.14	33.56		24.630	332.0	0.067
									30	15.76	33.55		24.708	324.5	0.100
									50	14.94	33.52		24.866	309.5	0.164
									75	13.90	33.48		25.055	291.5	0.239
									100	12.47	33.49		25.349	263.6	0.309
									125	11.53	33.71		25.697	230.5	0.371
									150	10.95	33.99		26.019	199.8	0.426
									200	10.05	34.21		26.347	168.6	0.520
									250	10.00	34.39		26.496	154.5	0.603
									300	9.53	34.50		26.661	138.9	0.679
									400	8.02	34.42		26.837	122.2	0.817
									500	7.27	34.46		26.977	108.9	0.940
									600	6.38	34.42		27.067	100.3	1.053
									700	5.64	34.43		27.169	90.7	1.157
									800	5.06	34.44		27.247	83.3	1.253
									1000	4.20	34.49		27.382	70.5	1.425

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205						120070	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
26 53.0N	117 10.0W	5/11/72		1118 6MT			3926M	330	14KT						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	17.22	33.75		24.525	342.0	0.000
									10	17.22	33.76		24.532	341.3	0.034
									20	17.22	33.77		24.540	340.6	0.068
									30	17.23	33.77		24.537	340.8	0.102
									50	16.71	33.72		24.622	332.8	0.170
									75	13.93	33.50		25.064	290.6	0.248
									100	12.30	33.48		25.374	261.2	0.318
									125	11.54	33.74		25.718	228.5	0.380
									150	10.64	33.94		26.035	198.3	0.434
									200	9.87	34.21		26.378	165.7	0.527
									250	9.37	34.33		26.555	149.0	0.608
									300	8.96	34.36		26.644	140.5	0.683
									400	7.87	34.40		26.843	121.6	0.820
									500	7.00	34.40		26.968	109.8	0.943
									600	6.20	34.42		27.091	98.1	1.055
									700	5.60	34.44		27.182	89.5	1.158
									800	4.99	34.44		27.255	82.6	1.253
									1000	4.17	34.49		27.385	70.2	1.424

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

120080

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
26 32.5N		117 49.0W		5/11/72		0508 GMT			3926M	320	6KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	17.66	33.84		24.488	345.5	0.000
									10	17.63	33.85		24.503	344.1	0.034
									20	17.63	33.85		24.503	344.1	0.069
									30	17.63	33.85		24.503	344.1	0.103
									50	17.35	33.82		24.547	339.9	0.172
									75	13.89	33.45		25.034	293.5	0.252
									100	11.85	33.41		25.405	258.3	0.321
									125	10.93	33.68		25.782	222.4	0.362
									150	10.21	33.89		26.071	194.9	0.435
									200	9.62	34.15		26.373	166.2	0.527
									250	9.35	34.36		26.581	146.4	0.607
									300	8.78	34.34		26.657	139.2	0.681
									400	7.50	34.34		26.850	120.9	0.818
									500	6.51	34.37		27.011	105.7	0.938
									600	5.98	34.41		27.111	96.2	1.046
									700	5.42	34.45		27.212	86.6	1.146
									800	4.98	34.47		27.280	80.2	1.238
									1000	4.25	34.51		27.392	69.5	1.407

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

120080

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
26 32.5N		117 49.0W		5/11/72		0627 GMT			3926M	320	6KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	17.63	33.857	5.78	24.508	343.6	0.000
									10	17.63	33.856	5.92	24.507	343.7	0.034
									20	17.63	33.858	5.89	24.508	343.6	0.069
									30	17.63	33.857	5.82	24.508	343.6	0.103
									50	17.18	33.786	5.91	24.559	338.7	0.172
									75	14.31	33.493	6.21	24.979	298.8	0.252
									100	12.41	33.494	5.22	25.362	262.3	0.323
									125	11.09	33.658	4.17	25.734	226.9	0.384
									150	10.39	33.850	3.44	26.007	201.0	0.439
									200	9.75	34.098	2.56	26.310	172.2	0.534
									250	9.40	34.350	1.51	26.565	148.0	0.616
									300	8.93	34.373	0.85	26.659	139.1	0.690
									400	7.50	34.342	0.53	26.852	120.8	0.827
									500	6.52	34.371	0.29	27.009	105.8	0.947
									600	5.97	34.428	0.22	27.127	94.7	1.055
									700	5.41	34.452	0.26	27.214	86.4	1.154
									800	4.94	34.468	0.32	27.282	80.0	1.246
									1000	4.21	34.503	0.50	27.390	69.7	1.414

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

130040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
26 09.5N		114 07.5W		5/13/72		2132 GMT			2602M	300	10KT	2	270 2 3		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.46	33.62		24.603	334.6	0.000
									10	16.19	33.62		24.665	328.7	0.033
									20	16.16	33.63		24.679	327.3	0.066
									30	16.13	33.63		24.686	326.6	0.099
									50	14.32	33.55		25.022	294.7	0.161
									75	12.60	33.55		25.370	261.5	0.231
									100	11.52	33.70		25.691	231.1	0.293
									125	11.07	34.07		26.060	196.0	0.347
									150	10.51	34.14		26.214	181.4	0.395
									200	10.20	34.40		26.470	157.0	0.482
									250	9.90	34.44		26.552	149.2	0.561
									300	9.20	34.49		26.707	134.5	0.634
									400	8.21	34.47		26.847	121.2	0.769
									500	7.23	34.44		26.967	109.8	0.892
									600	6.34	34.42		27.072	99.8	1.005
									700	5.64	34.43		27.169	90.7	1.109
									800	5.07	34.45		27.253	82.7	1.205
									1000	4.14	34.50		27.396	69.2	1.375

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

130040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
26 09.5N		114 07.5W		5/13/72		2240 GMT			2602M	300	10KT	2	270 3 3		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.41	33.658	6.85	24.644	330.7	0.000
									10	16.38	33.654	7.05	24.647	330.3	0.033
									20	16.27	33.654	6.88	24.673	327.9	0.066
									30	16.15	33.651	6.53	24.698	325.5	0.099
									50	14.80	33.588	5.78	24.947	301.8	0.162
									75	12.49	33.586	4.14	25.417	257.1	0.232
									100	11.47	33.834	3.07	25.804	220.3	0.292
									125	10.95	34.070	2.30	26.080	194.1	0.345
									150	10.58	34.149	2.05	26.207	182.0	0.392
									200	10.52	34.401	1.16	26.415	162.2	0.480
									250	9.89	34.428	0.92	26.543	150.0	0.561
									300	9.37	34.446	0.66	26.645	140.4	0.636
									400	8.20	34.472	0.28	26.850	120.9	0.774
									500	7.16	34.440	0.24	26.976	109.0	0.896
									600	6.39	34.438	0.25	27.080	99.2	1.008
									700	5.68	34.453	0.27	27.182	89.5	1.112
									800	5.10	34.470	0.34	27.265	81.6	1.206
									1000	4.22	34.504	0.54	27.391	69.7	1.376

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						130050
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
25 49.5N	114 47.0W	5/14/72		0326 GMT			3641M	300	15KT		O2	SIGT	DT	DD		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	17.60	33.89		24.541	340.5	0.000	
									10	17.57	33.91		24.563	338.4	0.034	
									20	17.53	33.91		24.573	337.4	0.068	
									30	17.45	33.91		24.592	335.6	0.102	
									50	17.34	33.88		24.595	335.3	0.169	
									75	14.33	33.63		25.081	289.0	0.247	
									100	13.39	33.98		25.545	244.9	0.315	
									125	12.75	34.28		25.905	210.7	0.372	
									150	12.11	34.47		26.176	184.9	0.423	
									200	11.34	34.59		26.414	162.3	0.512	
									250	10.66	34.62		26.560	148.4	0.592	
									300	9.99	34.56		26.630	141.8	0.667	
									400	8.74	34.52		26.804	125.3	0.808	
									500	7.49	34.45		26.938	112.6	0.935	
									600	6.36	34.45		27.093	97.8	1.049	
									700	5.66	34.45		27.183	89.4	1.151	
									800	5.10	34.47		27.266	81.5	1.245	
									1000	4.25	34.51		27.392	69.5	1.415	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						130060
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
25 29.0N	115 24.0W	5/14/72		1121 GMT			3641M	330	12KT		O2	SIGT	DT	DD		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	17.53	33.85		24.527	341.8	0.000	
									10	17.54	33.86		24.532	341.3	0.034	
									20	17.54	33.86		24.532	341.3	0.068	
									30	17.50	33.85		24.534	341.1	0.103	
									50	17.38	33.85		24.563	338.4	0.171	
									75	15.87	33.66		24.768	318.8	0.253	
									100	13.96	33.57		25.112	286.1	0.330	
									125	11.99	33.63		25.549	244.5	0.397	
									150	10.82	33.90		25.972	204.3	0.454	
									200	10.85	34.39		26.348	168.6	0.549	
									250	10.75	34.53		26.474	156.6	0.633	
									300	9.72	34.48		26.614	143.4	0.711	
									400	8.56	34.50		26.817	124.1	0.851	
									500	7.21	34.45		26.978	108.8	0.975	
									600	6.26	34.45		27.107	96.6	1.086	
									700	5.61	34.45		27.189	88.8	1.188	
									800	5.09	34.47		27.267	81.4	1.282	
									1000	4.23	34.50		27.387	70.1	1.452	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						130070
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
25 08.0N	116 03.0W	5/14/72		1649 GMT			3737M	040	6KT	2	O2	SIGT	DT	DD		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	18.32	34.04		24.479	346.3	0.000	
									10	18.29	34.04		24.487	345.6	0.035	
									20	18.21	34.04		24.506	343.7	0.069	
									30	17.78	33.92		24.520	342.5	0.104	
									50	17.64	33.90		24.539	340.7	0.172	
									75	17.24	33.79		24.550	339.6	0.258	
									100	14.63	33.65		25.033	293.6	0.337	
									125	12.46	33.78		25.575	242.0	0.405	
									150	11.55	34.16		26.042	197.7	0.461	
									200	11.10	34.48		26.372	166.2	0.554	
									250	10.63	34.56		26.519	152.3	0.636	
									300	9.97	34.56		26.634	141.5	0.713	
									400	8.30	34.46		26.826	123.3	0.852	
									500	7.22	34.46		26.984	108.2	0.975	
									600	6.37	34.45		27.092	98.0	1.087	
									700	5.64	34.46		27.193	88.4	1.189	
									800	5.12	34.47		27.263	81.8	1.283	
									1000	4.29	34.51		27.388	69.9	1.453	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						130070
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
25 08.0N	116 03.0W	5/14/72		1739 GMT			3737M	040	6KT	2	O2	SIGT	DT	DD		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	18.31	34.041	5.73	24.482	346.0	0.000	
									10	18.25	34.035	5.84	24.493	345.1	0.035	
									20	17.98	33.978	5.94	24.514	343.0	0.069	
									30	17.68	33.907	6.02	24.534	341.1	0.103	
									50	17.44	33.839	6.04	24.540	340.6	0.172	
									75	16.82	33.801	5.89	24.657	329.4	0.256	
									100	13.93	33.679	4.94	25.201	277.7	0.332	
									125	12.03	33.833	3.55	25.697	230.5	0.397	
									150	11.60	34.203	2.00	26.065	195.5	0.451	
									200	11.03	34.484	0.82	26.387	164.8	0.543	
									250	10.51	34.556	0.38	26.537	150.7	0.624	
									300	9.72	34.526	0.31	26.648	140.1	0.700	
									400	8.18	34.436	0.36	26.824	123.4	0.838	
									500	7.21	34.458	0.17	26.984	108.2	0.962	
									600	6.37	34.448	0.19	27.090	98.2	1.073	
									700	5.65	34.456	0.22	27.189	88.8	1.176	
									800	5.10	34.471	0.28	27.267	81.4	1.270	
									1000	4.33	34.503	0.46	27.378	70.9	1.441	

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

	LATITUDE 24 26.0N	LONGITUDE 113 02.0W	MO/DAY/YR 6/ 2/72	MESSENGER 0622	TIME GMT	BOTTOM 3357M	WIND 310	SPEED 2KT	WEATHER	DOMINANT WAVES					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
0	19.94	34.124	5.49	0.24	1.	0.01	0.0	379.5	0	19.94	34.124	5.49	24.131	379.5	0.000
10	19.22	34.114	5.60	0.21	1.	0.00	0.0	362.5	10	19.22	34.114	5.60	24.309	362.5	0.037
30	18.66	34.130	5.59	0.22	1.	0.00	0.0	347.9	20	18.90	34.128	5.60	24.401	353.7	0.073
54	17.38	34.007	5.47	0.28	2.	0.00	0.0	326.9	30	18.66	34.130	5.59	24.463	347.9	0.108
69	14.84	33.724	5.06	0.50	4.	0.15	0.0	292.5	50	17.74	34.050	5.49	24.629	332.0	0.176
84	13.42	33.621	4.47	0.72	6.	0.04	1.4	271.8	75	14.14	33.658	4.83	25.141	283.4	0.254
99	13.02	33.789	3.90	1.21	11.	0.03	11.9	251.8	100	12.97	33.800	3.85	25.489	250.3	0.321
128	11.80	34.062	2.46	1.84	21.	0.01	20.4	209.3	125	11.91	34.035	2.61	25.876	213.4	0.380
153	11.62	34.324	1.44	2.29	28.	0.00	25.3	186.8	150	11.64	34.302	1.54	26.134	188.9	0.431
178	11.37	34.413	1.09	2.39	33.	0.00	27.1	175.9	200	11.15	34.479	0.83	26.362	167.3	0.522
213	11.02	34.509	0.70	2.64	37.	0.00	28.7	162.7	250	10.61	34.544	0.47	26.510	153.2	0.605
276	10.31	34.549	0.38	2.80	41.	0.01	28.4	147.8	300	10.07	34.569	0.30	26.622	142.6	0.682
374	9.28	34.591	0.17	3.00	53.	0.01	30.5	128.2	400	8.90	34.571	0.18	26.818	124.0	0.822
471	7.87	34.502	0.20	3.13	62.	0.00	35.4	114.0	500	7.56	34.490	0.20	26.959	110.6	0.947
602	6.66	34.470	0.19	3.25	76.	0.00	38.1	100.1	600	6.67	34.471	0.19	27.067	100.3	1.061
752	5.57	34.484	0.25	3.36	93.	0.00	43.1	85.8	700	5.91	34.477	0.23	27.172	90.4	1.166
897	4.78	34.486	0.49	3.38	104.	0.00	43.6	76.8	800	5.28	34.484	0.33	27.255	82.5	1.262
1102	4.06	34.533	0.62	3.40	121.	0.00	44.1	65.9	1000	4.36	34.505	0.59	27.376	71.1	1.435

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

	LATITUDE 24 06.0N	LONGITUDE 113 40.0W	MO/DAY/YR 6/ 1/72	MESSENGER 2332	TIME GMT	BOTTOM 3169M	WIND 290	SPEED 5KT	WEATHER 1	DOMINANT WAVES 290 2 8					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
0										22.04	34.56		23.893	402.1	0.000
10										21.33	34.45		24.006	391.4	0.040
20										20.51	34.45		24.228	370.3	0.078
30										20.01	34.41		24.330	360.5	0.114
50										18.76	34.20		24.491	345.2	0.185
75										16.22	33.96		24.918	304.5	0.267
100										15.13	34.07		25.247	273.2	0.340
125										12.87	34.20		25.819	218.8	0.402
150										11.72	34.29		26.111	191.1	0.454
200										11.10	34.47		26.365	167.0	0.546
250										10.74	34.58		26.515	152.7	0.628
300										10.34	34.61		26.609	143.8	0.706
400										9.13	34.58		26.789	126.7	0.848
500										7.98	34.56		26.952	111.2	0.975
600										6.76	34.50		27.079	99.2	1.090
700										6.00	34.49		27.172	90.4	1.194
800										5.41	34.49		27.245	83.5	1.290
1000										4.32	34.51		27.385	70.2	1.464

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

	LATITUDE 23 45.0N	LONGITUDE 114 16.0W	MO/DAY/YR 6/ 1/72	MESSENGER 1721	TIME GMT	BOTTOM 4308M	WIND	SPEED 0KT	WEATHER 1	DOMINANT WAVES 330 2 7					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
0										20.10	33.82		23.858	405.6	0.000
10										17.78	33.73		24.373	356.3	0.038
20										17.35	33.72		24.471	347.2	0.073
30										17.11	33.75		24.551	339.5	0.108
50										16.86	33.81		24.655	329.6	0.175
75										14.83	33.63		24.974	299.2	0.254
100										13.99	33.77		25.260	272.0	0.326
125										11.92	33.92		25.786	221.9	0.388
150										11.34	34.15		26.073	194.7	0.441
200										11.01	34.52		26.420	161.7	0.532
250										10.76	34.62		26.542	150.1	0.613
300										9.98	34.57		26.640	140.9	0.689
400										8.61	34.52		26.825	123.3	0.828
500										7.41	34.48		26.973	109.3	0.952
600										6.46	34.47		27.096	97.6	1.064
700										5.67	34.47		27.197	88.0	1.166
800										5.15	34.48		27.268	81.3	1.259
1000										4.25	34.51		27.392	69.5	1.429

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

	LATITUDE 23 45.0N	LONGITUDE 114 16.0W	MO/DAY/YR 6/ 1/72	MESSENGER 1817	TIME 1830 GMT	BOTTOM 4308M	WIND	SPEED 0KT	WEATHER 1	DOMINANT WAVES 330 2 7					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD
0	20.21	33.790	5.75	0.12	3.	0.02	0.0	410.5	0	20.21	33.790	5.75	23.806	410.5	0.000
10	17.97	33.741	6.05	0.09	3.	0.01	0.0	359.9	10	17.97	33.741	6.05	24.337	359.9	0.039
30	17.10	33.721	5.71	0.15	3.	0.02	0.0	341.4	20	17.54	33.731	5.96	24.434	350.7	0.074
55	16.70	33.801	5.17	0.27	3.	0.08	0.0	326.7	30	17.10	33.721	5.71	24.531	341.4	0.109
70	15.07	33.672	5.09	0.36	4.	0.48	0.0	301.1	50	16.78	33.772	5.26	24.644	330.6	0.176
85	14.85	33.676	4.83	0.43	5.	0.45	0.0	296.2	75	15.00	33.681	5.04	24.976	299.0	0.255
101	14.14	33.747	3.99	0.80	9.	0.17	1.3	276.7	100	14.19	33.743	4.05	25.195	278.2	0.328
130	12.32	33.859	3.10	1.51	17.	0.02	14.9	233.7	125	12.63	33.834	3.22	25.582	241.3	0.394
155	11.36	34.103	2.33	1.92	24.	0.01	21.5	198.6	150	11.50	34.052	2.49	25.967	204.8	0.450
180	11.20	34.298	1.53	2.27	30.	0.01	25.5	181.4	200	11.10	34.428	1.00	26.332	170.1	0.546
213	11.03	34.493	0.73	2.60	36.	0.00	27.3	164.1	250	10.73	34.556	0.49	26.499	154.3	0.630
276	10.44	34.550	0.32	2.77	39.	0.00	27.3	149.9	300	10.06	34.545	0.30	26.607	144.0	0.707
373	8.82	34.506	0.22	2.99	53.	0.00	31.4	127.5	400	8.45	34.494	0.22	26.828	123.0	0.848
471	7.62	34.466	0.21	3.14	64.	0.00	35.3	113.2	500	7.32	34.459	0.21	26.969	109.7	0.972
600	6.44	34.447	0.20	3.22	77.	0.00	38.8	99.1	600	6.44	34.447	0.20	27.081	99.1	1.085
749	5.46	34.463	0.27	3.30	94.	0.00	41.5	86.1	700	5.75	34.456	0.24	27.176	90.1	1.188
893	4.71	34.493	0.34	3.39	106.	0.00	44.1	75.6	800	5.17	34.474	0.29	27.260	82.1	1.284
1099	3.96	34.526	0.59	3.35	121.	0.00	44.1	65.4	1000	4.27	34.513	0.45	27.392	69.6	1.454

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205				140070							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
23 25.0N	114 55.0W	6/ 1/72	1203 GMT	3737M	250	2KT									
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
									0	19.45	34.11		24.247	368.4	0.000
									10	18.92	34.10		24.375	356.3	0.036
									20	18.57	34.07		24.440	350.1	0.072
									30	18.39	34.02		24.447	349.4	0.107
									50	17.66	33.90		24.534	341.1	0.176
									75	14.70	33.64		25.010	295.8	0.256
									100	12.46	33.73		25.536	245.7	0.324
									125	11.39	33.94		25.901	211.1	0.382
									150	10.94	34.16		26.153	187.1	0.433
									200	10.44	34.42		26.444	159.5	0.521
									250	10.32	34.55		26.566	147.9	0.601
									300	9.69	34.53		26.658	139.2	0.675
									400	8.50	34.51		26.834	122.5	0.813
									500	7.20	34.47		26.995	107.2	0.936
									600	6.43	34.47		27.100	97.2	1.046
									700	5.64	34.47		27.201	87.7	1.147
									800	5.13	34.48		27.270	81.1	1.241
									1000	4.27	34.51		27.390	69.7	1.411

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205				140080							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
22 05.0N	115 33.0W	6/ 1/72	0703 GMT	4121M	330	1KT									
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
									0	19.78	34.16		24.200	372.9	0.000
									10	19.40	34.16		24.298	363.6	0.037
									20	19.04	34.12		24.360	357.7	0.073
									30	18.76	34.08		24.400	353.9	0.109
									50	18.33	34.00		24.446	349.5	0.179
									75	17.19	33.87		24.623	332.6	0.265
									100	14.46	33.57		25.007	296.1	0.344
									125	11.69	33.75		25.698	230.4	0.411
									150	10.83	34.02		26.064	195.6	0.465
									200	11.80	34.69		26.406	163.1	0.556
									250	11.14	34.68		26.520	152.2	0.638
									300	10.43	34.64		26.616	143.1	0.715
									400	8.82	34.57		26.831	122.8	0.855
									500	7.64	34.52		26.971	109.5	0.979
									600	6.59	34.50		27.102	97.0	1.091
									700	5.73	34.47		27.190	88.7	1.193
									800	5.21	34.48		27.261	82.0	1.288
									1000	4.37	34.52		27.388	70.0	1.459

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205				140090							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
22 42.0N	116 11.5W	6/ 1/72	0203 GMT	4121M	350	3KT	1								
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
									0	20.52	34.30		24.111	381.4	0.000
									10	19.90	34.28		24.260	367.2	0.037
									20	19.85	34.29		24.280	365.3	0.074
									30	19.61	34.27		24.328	360.8	0.111
									50	18.29	34.06		24.502	344.2	0.181
									75	16.14	33.71		24.745	321.0	0.265
									100	13.10	33.61		25.318	266.5	0.339
									125	12.35	33.79		25.604	239.3	0.403
									150	13.05	34.52		26.031	198.7	0.458
									200	12.14	34.69		26.341	169.2	0.553
									250	11.42	34.70		26.485	155.6	0.637
									300	10.68	34.67		26.596	145.1	0.715
									400	9.28	34.57		26.757	129.8	0.860
									500	7.95	34.53		26.933	113.0	0.990
									600	6.80	34.52		27.090	98.2	1.104
									700	5.92	34.50		27.190	88.7	1.207
									800	5.28	34.50		27.268	81.3	1.302
									1000	4.45	34.52		27.379	70.8	1.473

RV DAVID STARR JORDAN				CALCOFI CRUISE 7205				140100							
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
22 25.0N	116 46.0W	5/31/72	2037 GMT	4313M	340	6KT	1								
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD
									0	20.32	34.24		24.119	380.7	0.000
									10	20.09	34.24		24.180	374.9	0.038
									20	19.80	34.25		24.263	366.9	0.075
									30	19.72	34.25		24.284	364.9	0.112
									50	18.86	34.13		24.413	352.7	0.184
									75	16.35	33.78		24.751	320.5	0.268
									100	13.83	33.61		25.170	280.6	0.344
									125	12.75	34.04		25.719	228.3	0.408
									150	12.65	34.41		26.025	199.2	0.463
									200	12.01	34.70		26.373	166.1	0.556
									250	11.24	34.69		26.510	153.2	0.639
									300	10.65	34.68		26.609	143.8	0.716
									400	9.18	34.59		26.788	126.8	0.859
									500	7.78	34.53		26.958	110.7	0.986
									600	6.72	34.51		27.093	97.9	1.099
									700	6.01	34.51		27.186	89.1	1.202
									800	5.36	34.51		27.267	81.4	1.297
									1000	4.44	34.54		27.396	69.2	1.467

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205								140100	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
22 25.0N	116 46.0W	5/31/72	2143	GMT	4313M	340	6KT	1	320	4	7						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
0	20.86	34.250	5.40	0.24	2.	0.00	0.0	393.7	0	20.86	34.250	5.40	23.982	393.7	0.000		
10	19.95	34.240	5.57	0.22	2.	0.00	0.0	371.4	10	19.95	34.240	5.57	24.216	371.4	0.038		
30	19.77	34.233	5.44	0.22	2.	0.00	0.0	367.4	20	19.86	34.237	5.53	24.237	369.4	0.075		
55	18.88	34.095	5.60	0.23	2.	0.00	0.0	355.7	30	19.77	34.233	5.44	24.258	367.4	0.112		
70	17.27	33.882	5.77	0.25	2.	0.00	0.0	333.5	50	19.18	34.141	5.55	24.340	359.6	0.185		
84	15.64	33.688	5.71	0.31	3.	0.00	0.0	311.9	75	16.70	33.805	5.75	24.688	326.5	0.272		
99	13.79	33.656	5.06	0.59	6.	0.06	2.4	276.4	100	13.72	33.666	4.98	25.235	274.4	0.347		
129	12.64	34.063	2.50	1.75	19.	0.01	18.5	224.6	125	12.66	33.993	2.87	25.699	230.2	0.411		
154	12.56	34.445	0.94	2.42	29.	0.00	24.9	195.0	150	12.57	34.395	1.13	26.028	198.9	0.466		
178	12.12	34.373	0.53	2.59	53.	0.01	26.1	177.5	200	11.88	34.646	0.33	26.355	167.9	0.559		
277	10.79	34.638	0.27	2.75	36.	0.00	27.1	163.8	250	11.22	34.669	0.21	26.496	154.5	0.643		
375	9.41	34.580	0.14	2.91	50.	0.00	29.2	131.1	300	10.46	34.626	0.16	26.600	144.7	0.721		
473	8.06	34.520	0.16	3.13	62.	0.00	33.6	115.3	400	9.05	34.563	0.14	26.788	126.8	0.864		
603	6.78	34.494	0.19	3.25	76.	0.00	37.6	99.9	500	7.76	34.511	0.17	26.947	111.7	0.991		
755	5.70	34.500	0.22	3.37	92.	0.00	41.9	86.1	600	6.80	34.495	0.19	27.069	100.2	1.106		
901	4.78	34.501	0.30	3.43	105.	0.00	44.4	75.7	700	6.06	34.497	0.21	27.169	90.7	1.211		
1107	3.99	34.529	0.56	3.39	122.	0.00	43.6	65.5	800	5.39	34.500	0.24	27.254	82.6	1.307		
									1000	4.33	34.515	0.40	27.386	70.1	1.480		

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205								140120	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
21 44.5N	118 01.0W	5/31/72	0752	GMT	4121M	330	3KT		300	4	4						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
0	20.39	34.37							0	20.39	34.37		24.199	373.0	0.000		
10	20.39	34.38							10	20.39	34.38		24.207	372.3	0.037		
20	20.24	34.39							20	20.24	34.39		24.254	367.8	0.074		
30	19.85	34.32							30	19.85	34.32		24.303	363.1	0.111		
50	19.10	34.19							50	19.10	34.19		24.398	354.1	0.183		
75	17.38	33.85							75	17.38	33.85		24.563	338.4	0.270		
100	14.50	33.65							100	14.50	33.65		25.060	291.0	0.349		
125	13.12	33.86							125	13.12	33.86		25.507	248.5	0.418		
150	11.60	34.01							150	11.60	34.01		25.916	209.6	0.476		
200	11.02	34.35							200	11.02	34.35		26.286	174.5	0.574		
250	10.03	34.45							250	10.03	34.45		26.538	150.6	0.657		
300	9.23	34.43							300	9.23	34.43		26.655	139.4	0.733		
400	7.97	34.44							400	7.97	34.44		26.860	120.0	0.869		
500	7.04	34.45							500	7.04	34.45		27.002	106.6	0.990		
600	6.25	34.47							600	6.25	34.47		27.124	95.0	1.099		
700	5.62	34.48							700	5.62	34.48		27.211	86.7	1.198		
800	5.08	34.49							800	5.08	34.49		27.284	79.8	1.290		
1000	4.24	34.53							1000	4.24	34.53		27.409	67.9	1.457		

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205								150025	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
23 11.5N	111 01.5W	6/ 3/72	0159	GMT	1298M	310	13KT	0	300	4	4						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
0	24.28	35.12							0	24.28	35.12		23.669	423.5	0.000		
10	24.28	35.13							10	24.28	35.13		23.677	422.8	0.042		
20	22.96	34.95							20	22.96	34.95		23.928	398.9	0.083		
30	21.03	34.85							30	21.03	34.85		24.376	356.1	0.121		
50	16.61	34.79							50	16.61	34.79		25.464	252.6	0.182		
75	14.99	34.76							75	14.99	34.76		25.808	219.9	0.242		
100	14.04	34.78							100	14.04	34.78		26.027	199.0	0.295		
125	13.27	34.83							125	13.27	34.83		26.225	180.2	0.343		
150	12.61	34.81							150	12.61	34.81		26.342	169.1	0.388		
200	11.91	34.79							200	11.91	34.79		26.462	157.7	0.472		
250	11.40	34.77							250	11.40	34.77		26.542	150.1	0.551		
300	10.96	34.74							300	10.96	34.74		26.600	144.7	0.628		
400	9.80	34.66							400	9.80	34.66		26.740	131.3	0.774		
500	8.22	34.57							500	8.22	34.57		26.924	113.9	0.905		
600	7.14	34.53							600	7.14	34.53		27.050	101.9	1.023		
700	6.21	34.52							700	6.21	34.52		27.168	90.8	1.129		
800	5.81	34.51							800	5.81	34.51		27.211	86.7	1.228		
1000	4.46	34.54							1000	4.46	34.54		27.394	69.4	1.404		

RV DAVID STARR JORDAN								CALCOFI CRUISE 7205								150025	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
23 11.5N	111 01.5W	6/ 3/72	0254	GMT	1298M	310	13KT	0	300	4	4						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
0	24.27	35.077	5.07	0.55	3.	0.00	0.0	426.3	0	24.27	35.077	5.07	23.640	426.3	0.000		
10	24.29	35.075	5.11	0.55	2.	0.00	0.0	427.0	10	24.29	35.075	5.11	23.633	427.0	0.043		
30	21.01	34.777	5.16	0.80	4.	0.07	0.0	359.4	20	22.96	34.931	5.14	23.915	400.1	0.084		
55	16.24	34.711	1.00	2.33	21.	0.18	18.0	250.1	30	21.01	34.777	5.16	24.341	359.4	0.122		
70	15.13	34.686	0.54	2.52	25.	0.05	22.0	226.2	50	17.08	34.703	1.85	25.286	269.5	0.185		
85	14.76	34.773	0.71	2.63	28.	0.02	23.3	214.1	75	14.99	34.717	0.59	25.774	223.0	0.247		
100	13.93	34.750	0.30	2.71	32.	0.02	24.1	200.5	100	13.93	34.730	0.30	26.012	200.5	0.301		
130	13.01	34.772	0.23	2.74	35.	0.01	26.1	179.5	125	13.12	34.761	0.24	26.203	182.3	0.350		
154	12.52	34.771	0.11	2.74	35.	0.01	25.7	170.3	150	12.59	34.772	0.13	26.317	171.5	0.395		
179	12.21	34.771	0.15	2.77	32.	0.01	25.8	164.6	200	11.99	34.768	0.15	26.430	160.8	0.480		
214	11.85	34.764	0.15	2.77	40.	0.00	26.8	158.5	250	11.52	34.750	0.16	26.506	153.6	0.561		
278	11.25	34.735	0.16	2.83	42.	0.00	26.8	150.0	300	11.01	34.718	0.15	26.574	147.1	0.640		
375	10.07	34.649	0.10	2.91	49.	0.00	27.2	136.5	400	9.68	34.624	0.10	26.731	132.2	0.787		
473	8.58	34.561	0.09	3.04	59.	0.00	31.8	119.9	500	8.27	34.547	0.09	26.898	116.4	0.920		
604	7.26	34.512	0.10	3.20	70.	0.00	36.0	104.9	600	7.29	34.513	0.10	27.015	103.3	1.040		
754	6.03	34.503	0.12	3.33	89.	0.00	38.8	89.8	700	6.45	34.504	0.11	27.124	94.9	1.150		
900	5.00	34.492	0.22	3.35	102.	0.00	43.6	78.8	800	5.68	34.498	0.14	27.218	86.1	1.251		
1105	4.14	34.535	0.62	3.40	119.	0.00	44.3	66.5	1000	4.49	34.507	0.38	27.363	72.3	1.430		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						150030			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
23 02.0N	111 20.0W	6/ 3/72	0524	GMT	2602M	330	16KT	0							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	24.84	35.27		23.614	428.7	0.000
									10	24.85	35.27		23.611	429.0	0.043
									20	24.56	35.29		23.714	419.2	0.085
									30	17.59	34.41		24.940	302.4	0.122
									50	15.82	34.49		25.416	257.2	0.178
									75	14.16	34.57		25.840	216.8	0.237
									100	13.01	34.64		26.131	189.1	0.289
									125	12.37	34.70		26.304	172.7	0.335
									150	12.15	34.74		26.378	165.7	0.378
									200	11.59	34.76		26.499	154.2	0.460
									250	10.98	34.72		26.581	146.5	0.538
									300	10.23	34.66		26.667	138.3	0.612
									400	9.04	34.60		26.819	123.9	0.751
									500	7.57	34.53		26.989	107.7	0.875
									600	6.77	34.52		27.094	97.8	0.986
									700	6.11	34.52		27.181	89.5	1.089
									800	5.41	34.52		27.268	81.3	1.184
									1000	4.39	34.53		27.393	69.4	1.355

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						150040			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
22 41.5N	111 56.5W	6/ 3/72	1046	GMT	3357M	340	12KT								
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	20.46	34.07		23.953	396.5	0.000
									10	21.22	34.43		24.021	390.0	0.039
									20	20.65	34.40		24.152	377.5	0.078
									30	18.46	34.08		24.475	346.7	0.114
									50	17.09	34.01		24.754	320.1	0.181
									75	14.83	34.01		25.266	271.4	0.255
									100	13.22	34.19		25.741	226.2	0.318
									125	12.27	34.46		26.138	188.5	0.371
									150	12.40	34.58		26.205	182.1	0.418
									200	11.65	34.73		26.465	157.5	0.505
									250	11.09	34.72		26.561	148.4	0.584
									300	10.38	34.64		26.625	142.3	0.660
									400	9.10	34.59		26.802	125.5	0.801
									500	7.80	34.52		26.948	111.7	0.928
									600	6.79	34.50		27.075	99.6	1.043
									700	5.91	34.50		27.191	88.6	1.146
									800	5.36	34.51		27.267	81.4	1.240
									1000	4.35	34.53		27.398	69.0	1.411

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						150050			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
22 21.0N	112 34.0W	6/ 3/72	1628	GMT	3545M	330	7KT	1	330 3 4						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	22.88	34.69		23.754	415.4	0.000
									10	22.80	34.68		23.769	414.0	0.041
									20	21.86	34.57		23.951	396.6	0.082
									30	20.96	34.47		24.122	380.3	0.121
									50	19.35	34.25		24.379	355.8	0.195
									75	17.54	34.16		24.761	319.5	0.280
									100	14.85	34.21		25.416	257.2	0.353
									125	13.86	34.51		25.857	215.2	0.412
									150	12.79	34.62		26.160	186.4	0.464
									200	11.52	34.66		26.435	160.3	0.552
									250	10.95	34.67		26.547	149.7	0.633
									300	10.13	34.61		26.645	140.4	0.708
									400	8.78	34.56		26.829	122.9	0.847
									500	7.72	34.53		26.967	109.8	0.971
									600	6.73	34.50		27.083	98.8	1.084
									700	5.91	34.50		27.191	88.6	1.187
									800	5.30	34.51		27.274	80.8	1.282
									1000	4.48	34.54		27.391	69.6	1.452

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						150060			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
22 01.5N	113 11.0W	6/ 3/72	2155	GMT	3737M	320	10KT	1	310 3 4						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	23.43	34.75		23.641	426.3	0.000
									10	22.74	34.69		23.794	411.6	0.042
									20	21.74	34.54		23.962	395.6	0.082
									30	20.94	34.43		24.097	382.7	0.121
									50	18.49	34.08		24.467	347.4	0.195
									75	15.21	33.87		25.076	289.5	0.275
									100	12.90	33.89		25.574	242.1	0.342
									125	12.28	34.23		25.958	205.6	0.398
									150	11.44	34.42		26.264	176.6	0.447
									200	11.06	34.57		26.450	158.9	0.533
									250	10.36	34.56		26.566	147.8	0.612
									300	9.66	34.54		26.670	138.0	0.687
									400	8.53	34.52		26.837	122.2	0.824
									500	7.48	34.50		26.979	108.7	0.947
									600	6.47	34.48		27.103	97.0	1.058
									700	5.85	34.50		27.198	87.9	1.160
									800	5.22	34.50		27.275	80.6	1.253
									1000	4.35	34.53		27.398	69.0	1.422

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150060
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 01.9N	113 11.0W	6/ 3/72			2257	6MT		3737M	320	10KT	1	310 3 4				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	23.35	34.707	5.10	0.28	2.	0.00	0.0	427.1	0	23.35	34.707	5.10	23.631	427.1	0.000	
10	22.84	34.664	5.16	0.26	2.	0.00	0.0	416.2	10	22.84	34.664	5.16	23.746	416.2	0.042	
30	20.89	34.484	5.40	0.26	2.	0.00	0.0	377.5	20	21.97	34.592	5.28	23.937	398.0	0.083	
55	17.89	34.054	5.47	0.41	5.	0.01	0.0	335.3	30	20.89	34.484	5.40	24.152	377.5	0.122	
70	16.45	33.924	5.02	0.59	5.	0.06	1.7	312.2	50	18.49	34.137	5.46	24.512	343.2	0.194	
85	13.82	33.891	3.62	1.25	12.	0.04	11.8	259.8	75	15.53	33.901	4.54	25.027	294.1	0.274	
100	13.12	33.879	3.45	1.50	13.	0.02	13.6	247.1	100	13.12	33.879	3.45	25.522	247.1	0.343	
130	12.38	34.179	2.05	1.94	22.	0.01	22.1	211.2	125	12.47	34.116	2.32	25.832	217.6	0.401	
154	11.84	34.405	1.16	2.36	30.	0.00	26.1	184.8	150	11.92	34.373	1.28	26.137	188.6	0.453	
179	11.55	34.495	0.80	2.50	33.	0.00	27.6	173.0	200	11.23	34.509	0.75	26.370	166.4	0.544	
213	11.03	34.506	0.72	2.57	35.	0.00	28.5	163.1	250	10.57	34.532	0.50	26.508	153.4	0.626	
277	10.25	34.546	0.34	2.75	40.	0.00	28.5	147.1	300	9.92	34.538	0.32	26.624	142.4	0.703	
375	8.90	34.495	0.24	2.97	52.	0.00	32.3	129.5	400	8.64	34.492	0.24	26.798	125.8	0.844	
471	7.95	34.488	0.23	3.10	60.	0.00	35.6	116.2	500	7.62	34.482	0.22	26.943	112.1	0.971	
601	6.57	34.468	0.18	3.21	74.	0.00	39.5	99.1	600	6.58	34.469	0.18	27.078	99.3	1.086	
751	5.64	34.481	0.21	3.35	90.	0.00	43.5	86.8	700	5.91	34.476	0.20	27.171	90.5	1.190	
897	4.80	34.498	0.30	3.40	104.	0.00	44.6	76.2	800	5.34	34.486	0.23	27.250	83.0	1.286	
1106	4.05	34.534	0.51	3.42	120.	0.00	44.6	65.7	1000	4.36	34.515	0.39	27.384	70.3	1.459	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150070
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 41.0N	113 48.0W	6/ 4/72			0327	6MT		3862M	330	10KT						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	21.30	34.43								21.30	34.43		23.999	392.0	0.000	
10	21.14	34.47							10	21.14	34.47		24.073	385.0	0.039	
20	20.65	34.41							20	20.65	34.41		24.160	376.7	0.077	
30	20.16	34.31							30	20.16	34.31		24.214	371.6	0.115	
50	19.10	34.20							50	19.10	34.20		24.405	353.4	0.187	
75	15.87	33.81							75	15.87	33.81		24.883	307.9	0.270	
100	14.15	34.03							100	14.15	34.03		25.427	256.1	0.342	
125	12.79	34.37							125	12.79	34.37		25.966	204.8	0.400	
150	11.98	34.45							150	11.98	34.45		26.186	184.0	0.449	
200	11.27	34.64							200	11.27	34.64		26.466	157.4	0.537	
250	10.86	34.67							250	10.86	34.67		26.563	148.1	0.616	
300	10.19	34.64							300	10.19	34.64		26.658	139.1	0.691	
400	8.66	34.55							400	8.66	34.55		26.840	121.9	0.828	
500	7.54	34.49							500	7.54	34.49		26.962	110.3	0.952	
600	6.57	34.48							600	6.57	34.48		27.089	98.3	1.065	
700	5.77	34.49							700	5.77	34.49		27.201	87.7	1.167	
800	5.22	34.50							800	5.22	34.50		27.275	80.6	1.261	
1000	4.44	34.54							1000	4.44	34.54		27.396	69.2	1.430	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150080
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 21.0N	114 26.0W	6/ 4/72			1212	6MT		3929M	320	5KT						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	21.68	34.53								21.68	34.53		23.971	394.8	0.000	
10	21.70	34.54							10	21.70	34.54		23.973	394.6	0.039	
20	21.56	34.54							20	21.56	34.54		24.011	390.9	0.079	
30	21.39	34.53							30	21.39	34.53		24.051	387.2	0.118	
50	20.54	34.42							50	20.54	34.42		24.197	373.2	0.194	
75	18.23	34.04							75	18.23	34.04		24.501	344.2	0.284	
100	15.10	33.74							100	15.10	33.74		25.000	296.7	0.365	
125	12.71	33.71							125	12.71	33.71		25.472	251.8	0.434	
150	12.17	34.18							150	12.17	34.18		25.940	207.3	0.493	
200	11.11	34.49							200	11.11	34.49		26.378	165.7	0.588	
250	10.45	34.57							250	10.45	34.57		26.559	148.6	0.669	
300	9.64	34.56							300	9.64	34.56		26.689	136.2	0.743	
400	8.53	34.55							400	8.53	34.55		26.860	119.9	0.878	
500	7.45	34.51							500	7.45	34.51		26.991	107.6	1.000	
600	6.51	34.52							600	6.51	34.52		27.129	94.5	1.109	
700	5.85	34.52							700	5.85	34.52		27.214	86.4	1.209	
800	5.38	34.52							800	5.38	34.52		27.272	80.9	1.302	
1000	4.54	34.53							1000	4.54	34.53		27.377	71.0	1.474	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150090
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 01.0N	115 03.0W	6/ 4/72			1703	6MT		3739M	340	5KT	2	330 3 4				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	22.12	34.58								22.12	34.58		23.886	402.8	0.000	
10	22.12	34.58							10	22.12	34.58		23.886	402.8	0.040	
20	22.10	34.58							20	22.10	34.58		23.892	402.3	0.081	
30	20.70	34.44							30	20.70	34.44		24.169	373.8	0.120	
50	19.61	34.29							50	19.61	34.29		24.343	359.3	0.193	
75	17.22	33.88							75	17.22	33.88		24.624	332.6	0.280	
100	14.50	33.60							100	14.50	33.60		25.064	290.6	0.359	
125	12.45	33.86							125	12.45	33.86		25.639	236.0	0.425	
150	11.87	34.11							150	11.87	34.11		25.943	207.0	0.482	
200	10.83	34.33							200	10.83	34.33		26.305	172.7	0.579	
250	10.41	34.52							250	10.41	34.52		26.527	151.6	0.662	
300	9.98	34.60							300	9.98	34.60		26.663	138.7	0.738	
400	8.67	34.54							400	8.67	34.54		26.831	122.7	0.876	
500	7.71	34.53							500	7.71	34.53		26.969	109.7	1.000	
600	6.75	34.51							600	6.75	34.51		27.089	98.3	1.113	
700	5.88	34.49							700	5.88	34.49		27.187	89.0	1.215	
800	5.35	34.51							800	5.35	34.51		27.270	81.1	1.310	
1000	4.44	34.54							1000	4.44	34.54		27.396	69.2	1.480	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150100	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
20 39.5N	115 39.0W	6/ 4/72		2145	GMT	3929M	320	7KT	1	350	4	4					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
0									0	22.61	34.63		23.786	412.4	0.000		
10									10	22.60	34.63		23.789	412.1	0.041		
20									20	22.49	34.63		23.820	409.2	0.082		
30									30	22.37	34.62		23.846	406.6	0.123		
50									50	21.99	34.55		23.900	401.5	0.204		
75									75	20.14	34.32		24.227	370.3	0.301		
100									100	17.57	33.95		24.594	335.4	0.390		
125									125	14.96	33.95		25.192	278.5	0.468		
150									150	13.12	34.18		25.754	225.0	0.532		
200									200	11.49	34.50		26.316	171.6	0.633		
250									250	10.48	34.51		26.506	153.5	0.717		
300									300	9.78	34.53		26.642	140.6	0.793		
400									400	8.65	34.52		26.818	123.9	0.933		
500									500	7.61	34.52		26.975	109.0	1.057		
600									600	6.66	34.50		27.093	97.9	1.169		
700									700	5.92	34.51		27.197	88.0	1.271		
800									800	5.17	34.51		27.289	79.3	1.364		
1000									1000	4.37	34.55		27.411	67.7	1.531		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150110	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
20 23.0N	116 16.0W	6/ 5/72		0241	GMT	3929M	330	10KT	2	340	3	5					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
0									0	23.04	34.66		23.685	422.0	0.000		
10									10	23.01	34.66		23.694	421.2	0.042		
20									20	22.40	34.65		23.860	405.3	0.084		
30									30	21.99	34.65		23.976	394.3	0.124		
50									50	21.10	34.45		24.069	385.4	0.202		
75									75	17.60	33.87		24.525	342.0	0.293		
100									100	14.75	33.69		25.038	293.2	0.375		
125									125	12.91	33.94		25.611	238.7	0.441		
150									150	12.38	34.25		25.954	206.0	0.497		
200									200	11.88	34.57		26.298	173.4	0.594		
250									250	11.20	34.63		26.471	156.9	0.679		
300									300	10.43	34.63		26.609	143.8	0.758		
400									400	9.10	34.58		26.794	126.3	0.900		
500									500	7.86	34.51		26.931	113.3	1.028		
600									600	7.08	34.50		27.035	103.4	1.145		
700									700	6.14	34.49		27.154	92.1	1.253		
800									800	5.37	34.50		27.257	82.3	1.350		
1000									1000	4.39	34.53		27.393	69.4	1.521		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150110	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
20 23.0N	116 16.0W	6/ 5/72		0359	GMT	3929M	330	10KT	2	340	3	5					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
0									0	22.99	34.620	5.06	23.669	423.5	0.000		
10									10	23.00	34.616	5.11	23.664	424.1	0.042		
20									20	22.72	34.596	5.13	23.729	417.9	0.085		
30									30	22.28	34.557	5.15	23.824	408.8	0.126		
55									50	21.43	34.457	5.27	23.984	393.5	0.206		
69									75	18.33	33.993	5.54	24.441	350.0	0.300		
84									100	14.75	33.684	5.25	25.032	293.8	0.381		
99									125	12.87	33.951	3.18	25.626	237.2	0.448		
129									150	12.35	34.229	1.87	25.942	207.1	0.505		
153									200	11.75	34.581	0.61	26.329	170.4	0.601		
177									250	11.04	34.602	0.37	26.478	156.2	0.685		
211									300	10.32	34.597	0.26	26.600	144.6	0.764		
275									400	9.02	34.568	0.16	26.796	126.0	0.906		
372									500	7.93	34.522	0.16	26.928	113.5	1.034		
468									600	6.98	34.502	0.17	27.051	101.9	1.151		
598									700	6.03	34.492	0.21	27.169	90.7	1.257		
746									800	5.30	34.493	0.26	27.260	82.1	1.355		
890									1000	4.40	34.522	0.39	27.386	70.2	1.525		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						150110	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
22 33.0N	109 23.0W	6/ 7/72		0339	GMT	2980M	280	24KT									
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
0									0	25.09	34.84		23.214	466.9	0.000		
10									10	24.39	34.82		23.410	448.2	0.046		
20									20	17.14	34.26		24.933	303.1	0.083		
30									30	15.57	34.38		25.388	259.8	0.112		
50									50	14.48	34.47		25.695	230.6	0.161		
75									75	13.42	34.63		26.040	197.8	0.215		
100									100	12.81	34.69		26.210	181.7	0.263		
125									125	12.24	34.68		26.314	171.8	0.308		
150									150	12.05	34.74		26.397	163.9	0.351		
200									200	11.36	34.74		26.527	151.6	0.432		
250									250	10.74	34.69		26.600	144.6	0.508		
300									300	10.10	34.66		26.689	136.2	0.582		
400									400	8.86	34.60		26.848	121.1	0.717		
500									500	7.70	34.55		26.986	108.1	0.840		
600									600	6.65	34.51		27.102	97.0	0.951		
700									700	5.89	34.51		27.201	87.6	1.053		
800									800	5.37	34.52		27.273	80.8	1.147		
1000									1000	4.33	34.54		27.408	68.1	1.315		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						157020
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 13.0N	109 59.5W	6/ 6/72			2116 GMT			3169M	290	11KT	1	300 3 4				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	24.74	34.88		23.351	453.9	0.000	
									10	24.24	34.85		23.478	441.8	0.045	
									20	23.96	34.84		23.553	434.6	0.089	
									30	18.83	34.31		24.557	338.9	0.127	
									50	15.04	34.41		25.528	246.5	0.186	
									75	13.45	34.56		25.980	203.5	0.243	
									100	12.64	34.65		26.213	181.4	0.292	
									125	12.23	34.71		26.339	169.4	0.336	
									150	11.91	34.75		26.431	160.6	0.378	
									200	11.15	34.71		26.542	150.1	0.458	
									250	10.55	34.68		26.626	142.1	0.534	
									300	9.92	34.64		26.705	134.7	0.606	
									400	8.50	34.58		26.889	117.3	0.739	
									500	7.63	34.56		27.004	106.3	0.859	
									600	6.61	34.53		27.123	95.0	0.968	
									700	5.91	34.53		27.215	86.4	1.068	
									800	5.38	34.53		27.280	80.2	1.161	
									1000	4.50	34.55		27.397	69.1	1.330	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						157020
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 13.0N	109 59.5W	6/ 6/72			2221 GMT			3169M	290	11KT	1	300 3 4				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	24.61	34.829	5.08	23.351	453.9	0.000	
									10	24.18	34.808	5.17	23.463	443.2	0.045	
									20	23.00	34.730	5.20	23.750	415.8	0.088	
									30	18.29	34.374	5.07	24.740	321.5	0.125	
									50	15.57	34.525	2.25	25.500	249.2	0.182	
									75	13.45	34.418	1.10	25.871	213.9	0.240	
									100	12.63	34.549	0.71	26.136	188.7	0.291	
									125	12.38	34.681	0.31	26.287	174.4	0.337	
									150	12.04	34.702	0.21	26.368	166.6	0.381	
									200	11.33	34.698	0.14	26.500	154.1	0.463	
									250	10.64	34.648	0.14	26.586	146.0	0.541	
									300	9.90	34.599	0.14	26.674	137.6	0.615	
									400	8.58	34.547	0.10	26.851	120.9	0.751	
									500	7.64	34.531	0.10	26.980	108.6	0.874	
									600	6.76	34.513	0.09	27.089	98.3	0.986	
									700	5.98	34.508	0.13	27.188	88.9	1.089	
									800	5.36	34.513	0.15	27.268	81.3	1.184	
									1098	4.13	34.544	0.43	27.385	70.2	1.355	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						157030
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 53.0N	110 38.0W	6/ 6/72			1559 GMT			2415M	320	10KT	1	310 3 4				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	21.79	34.53		23.940	397.7	0.000	
									10	21.75	34.53		23.951	396.6	0.040	
									20	21.68	34.51		23.956	396.2	0.079	
									30	19.55	34.15		24.252	368.0	0.118	
									50	16.05	33.91		24.919	304.5	0.185	
									75	13.21	34.02		25.612	238.5	0.254	
									100	13.42	34.57		25.994	202.2	0.309	
									125	12.76	34.65		26.189	183.7	0.358	
									150	12.20	34.69		26.329	170.3	0.403	
									200	11.34	34.68		26.484	155.7	0.487	
									250	10.53	34.64		26.599	144.8	0.565	
									300	9.79	34.60		26.695	135.6	0.638	
									400	8.45	34.53		26.857	120.2	0.773	
									500	7.51	34.52		26.990	107.7	0.894	
									600	6.74	34.53		27.106	96.7	1.005	
									700	5.81	34.51		27.211	86.7	1.106	
									800	5.21	34.51		27.284	79.8	1.199	
									1000	4.35	34.54		27.406	68.3	1.366	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						157040
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 29.0N	111 13.5W	6/ 6/72			1019 GMT			3357M	330	6KT						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
									0	21.81	34.55		23.950	396.8	0.000	
									10	21.72	34.55		23.975	394.4	0.040	
									20	21.56	34.56		24.027	389.4	0.079	
									30	21.33	34.55		24.082	384.1	0.118	
									50	19.15	34.23		24.415	352.4	0.192	
									75	15.85	34.09		25.102	287.0	0.272	
									100	13.63	34.08		25.573	242.2	0.339	
									125	12.85	34.53		26.078	194.2	0.394	
									150	12.12	34.48		26.182	184.3	0.442	
									200	11.61	34.62		26.387	164.9	0.532	
									250	11.09	34.73		26.568	147.6	0.612	
									300	10.25	34.60		26.617	143.1	0.688	
									400	9.13	34.59		26.797	126.0	0.830	
									500	7.66	34.54		26.984	108.2	0.955	
									600	6.74	34.53		27.106	96.7	1.067	
									700	5.88	34.52		27.210	86.8	1.168	
									800	5.30	34.52		27.282	80.0	1.260	
									1000	4.35	34.55		27.413	67.5	1.428	

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

157050

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
21 12.5N	111 52.0W	6/ 6/72	0515	GMT		3545M	300	7KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	23.98	34.75		23.479	441.6	0.000
									10	23.98	34.76		23.487	440.9	0.044
									20	23.17	34.56		23.572	432.8	0.088
									30	21.18	34.42		24.024	389.6	0.129
									50	19.33	34.18		24.331	360.4	0.204
									75	17.31	34.31		24.931	303.3	0.288
									100	15.45	34.47		25.483	250.7	0.358
									125	14.02	34.63		25.916	209.6	0.416
									150	13.20	34.75		26.178	184.7	0.466
									200	12.04	34.78		26.430	160.8	0.555
									250	11.56	34.79		26.528	151.4	0.636
									300	10.45	34.70		26.660	139.0	0.712
									400	9.19	34.66		26.841	121.7	0.849
									500	7.57	34.53		26.989	107.7	0.972
									600	6.77	34.52		27.094	97.8	1.084
									700	5.97	34.51		27.191	88.6	1.186
									800	5.34	34.52		27.277	80.5	1.280
									1000	4.41	34.54		27.399	68.9	1.450

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

157060

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 53.0N	112 29.0W	6/ 5/72	2302	GMT		3739M	310	2KT	2						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	24.45	34.77		23.355	453.5	0.000
									10	24.07	34.75		23.453	444.2	0.045
									20	23.14	34.66		23.657	424.7	0.088
									30	21.36	34.50		24.036	388.5	0.129
									50	19.09	34.31		24.491	345.1	0.203
									75	16.75	34.34		25.087	288.5	0.283
									100	14.47	34.53		25.744	226.0	0.347
									125	12.91	34.57		26.097	192.4	0.401
									150	12.54	34.66		26.240	178.8	0.448
									200	11.88	34.78		26.460	157.9	0.534
									250	11.11	34.72		26.557	148.7	0.614
									300	10.21	34.67		26.678	137.2	0.688
									400	8.88	34.60		26.845	121.5	0.825
									500	7.63	34.53		26.980	108.6	0.948
									600	6.49	34.49		27.108	96.5	1.059
									700	5.80	34.51		27.213	86.6	1.160
									800	5.27	34.52		27.285	79.7	1.252
									1000	4.40	34.53		27.392	69.5	1.421

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

157060

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 53.0N	112 29.0W	6/ 6/72	0018	GMT		3739M	310	2KT	2						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
0	24.55	34.726	5.01	0.31	2.	0.00	0.1	459.6	0	24.55	34.726	5.01	23.291	459.6	0.000
10	24.10	34.709	5.04	0.28	2.	0.00	0.0	448.0	10	24.10	34.709	5.04	23.413	448.0	0.045
30	21.80	34.450	5.45	0.37	2.	0.00	0.0	403.7	20	23.08	34.592	5.28	23.622	428.0	0.089
54	18.79	34.255	4.53	0.72	4.	0.10	2.3	341.9	30	21.80	34.450	5.45	23.877	403.7	0.131
69	17.42	34.352	3.03	1.34	10.	0.19	11.4	304.2	50	19.27	34.269	4.80	24.415	352.5	0.207
84	16.35	34.382	2.10	1.76	15.	0.05	16.7	276.6	75	16.97	34.352	2.61	25.044	292.6	0.288
99	15.35	34.471	1.32	1.76	15.	0.05	17.7	248.5	100	15.26	34.474	1.28	25.529	246.3	0.356
128	12.98	34.550	0.63	2.17	19.	0.03	22.1	195.2	125	13.19	34.543	0.67	26.020	199.8	0.413
153	12.58	34.642	0.34	2.55	28.	0.00	26.3	180.9	150	12.63	34.644	0.36	26.209	181.7	0.461
177	12.28	34.709	0.24	2.70	33.	0.00	27.9	170.4	200	12.00	34.729	0.19	26.397	163.9	0.550
212	11.84	34.726	0.18	2.70	34.	0.00	28.2	161.2	250	11.11	34.675	0.21	26.522	152.0	0.631
276	10.58	34.631	0.25	2.80	39.	0.00	27.6	146.3	300	10.23	34.621	0.22	26.636	141.2	0.708
374	9.31	34.603	0.12	2.99	51.	0.03	29.9	127.8	400	8.99	34.587	0.13	26.815	124.2	0.848
471	8.13	34.533	0.16	3.13	59.	0.00	35.5	115.4	500	7.72	34.514	0.17	26.954	111.1	0.974
603	6.42	34.473	0.21	3.26	77.	0.00	40.8	96.9	600	6.45	34.474	0.21	27.099	97.3	1.086
754	5.50	34.493	0.23	3.36	91.	0.00	44.7	84.3	700	5.75	34.483	0.22	27.196	88.1	1.188
899	4.80	34.514	0.29	3.40	104.	0.00	46.6	75.0	800	5.26	34.500	0.24	27.270	81.1	1.282
1102	4.08	34.543	0.51	3.42	118.	0.00	47.0	65.3	1000	4.40	34.530	0.38	27.391	69.7	1.452

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

157060

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
22 48.0N	108 55.5W	6/ 7/72	0813	GMT		2980M	260	6KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	26.27	34.95		22.933	493.8	0.000
									10	26.26	34.95		22.936	493.6	0.049
									20	19.44	34.17		24.295	363.8	0.092
									30	17.05	34.23		24.932	303.2	0.126
									50	16.19	34.65		25.454	253.5	0.182
									75	14.94	34.74		25.803	220.3	0.241
									100	13.81	34.77		26.068	195.1	0.294
									125	13.15	34.83		26.250	177.9	0.341
									150	12.90	34.85		26.315	171.6	0.386
									200	11.95	34.79		26.455	158.4	0.471
									250	11.28	34.76		26.557	148.7	0.550
									300	10.68	34.71		26.627	142.1	0.626
									400	9.23	34.62		26.804	125.3	0.767
									500	7.92	34.55		26.953	111.1	0.894
									600	6.99	34.53		27.071	99.9	1.009
									700	6.25	34.52		27.163	91.3	1.114
									800	5.59	34.53		27.254	82.6	1.211
									1000	4.55	34.54		27.384	70.3	1.384

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						1576070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
23 01.0N	108 25.0W	6/ 7/72	1243	GMT		2790M	250	3KT	1	230	3	5			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	26.47	35.07		22.960	491.2	0.000
									10	24.04	35.02		23.665	423.9	0.046
									20	20.69	35.01		24.605	334.3	0.084
									30	18.19	34.93		25.190	278.6	0.114
									50	15.42	34.72		25.682	231.8	0.166
									75	13.96	34.79		26.052	196.7	0.220
									100	13.46	34.82		26.179	184.6	0.268
									125	12.74	34.82		26.324	170.8	0.313
									150	12.45	34.81		26.373	166.1	0.356
									200	11.57	34.74		26.488	155.3	0.439
									250	10.98	34.73		26.588	145.7	0.517
									300	10.28	34.68		26.674	137.7	0.591
									400	8.92	34.61		26.846	121.3	0.727
									500	7.68	34.55		26.989	107.8	0.850
									600	6.85	34.53		27.091	98.1	0.962
									700	6.00	34.51		27.187	89.0	1.065
									800	5.48	34.53		27.268	81.3	1.160
									1000	4.53	34.55		27.394	69.4	1.331

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						1576070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
23 01.0N	108 25.0W	6/ 7/72	1334	GMT		2790M	250	3KT	1	230	3	5			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	26.48	35.021	4.80	22.920	495.1	0.000
									10	26.49	35.019	4.88	22.915	495.5	0.050
									20	23.13	34.933	4.65	23.865	404.9	0.095
									30	19.04	34.936	4.06	24.981	298.5	0.130
									50	15.69	34.700	1.44	25.606	239.0	0.184
									75	14.67	34.747	0.70	25.868	214.2	0.241
									100	13.70	34.764	0.36	26.086	193.4	0.293
									125	13.00	34.773	0.20	26.236	179.1	0.340
									150	12.52	34.746	0.23	26.310	172.1	0.385
									200	11.72	34.729	0.11	26.450	158.8	0.470
									250	11.06	34.714	0.10	26.562	148.2	0.549
									300	10.43	34.687	0.13	26.652	139.7	0.624
									400	9.15	34.607	0.10	26.807	125.0	0.764
									500	7.72	34.531	0.10	26.967	109.8	0.890
									600	6.75	34.505	0.10	27.084	98.7	1.003
									700	6.02	34.509	0.11	27.183	89.3	1.106
									800	5.44	34.516	0.12	27.260	82.0	1.202
									1000	4.52	34.529	0.27	27.378	70.9	1.375

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						1576100			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
23 17.0N	107 58.0W	6/ 7/72	1853	GMT		2602M	290	3KT	1	280	2	6			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1GT	DT	DD
									0	27.30	35.06		22.688	517.2	0.000
									10	26.21	35.06		23.034	484.1	0.050
									20	24.48	34.92		23.459	443.6	0.097
									30	22.57	34.73		23.873	404.1	0.139
									50	18.75	34.79		24.945	302.1	0.210
									75	14.53	34.85		25.977	203.8	0.274
									100	13.51	34.78		26.138	188.5	0.323
									125	12.92	34.82		26.288	174.2	0.369
									150	12.39	34.82		26.393	164.3	0.413
									200	11.75	34.78		26.485	155.6	0.495
									250	11.09	34.73		26.568	147.6	0.573
									300	10.44	34.71		26.669	138.1	0.648
									400	9.11	34.64		26.839	122.0	0.785
									500	7.95	34.57		26.965	110.1	0.910
									600	7.04	34.56		27.088	98.4	1.023
									700	6.09	34.54		27.199	87.8	1.126
									800	5.48	34.53		27.268	81.3	1.220
									1000	4.54	34.55		27.393	69.5	1.391

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						1576130			
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
23 33.5N	107 31.0W	6/ 7/72			2240 GMT			1058M	320	14KT	1	280	2	5	
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	29.27	34.59		21.687	613.0	0.000
									10	28.79	34.79		21.998	583.3	0.060
									20	28.00	35.17		22.544	531.0	0.116
									30	27.55	35.10		22.637	522.1	0.168
									50	22.17	34.74		23.993	392.6	0.260
									75	16.84	34.71		25.349	263.5	0.343
									100	14.28	34.73		25.938	207.5	0.402
									125	13.61	34.84		26.163	186.1	0.452
									150	12.96	34.85		26.303	172.8	0.498
									200	12.28	34.86		26.445	159.3	0.583
									250	11.77	34.82		26.512	153.0	0.664
									300	11.13	34.78		26.600	144.6	0.742
									400	9.74	34.67		26.758	129.6	0.887
									500	8.44	34.62		26.929	113.4	1.017
									600	7.23	34.58		27.077	99.4	1.133
									700	6.16	34.54		27.190	88.7	1.237
									800	5.47	34.55		27.285	79.7	1.331
									1000	4.49	34.56		27.406	68.2	1.499

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						1576150			
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
23 43.0N	107 12.0W	6/ 8/72			0142 GMT			76M	290	12KT	1	310	3	3	
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	29.09	34.56		21.725	609.4	0.000
									10	29.05	34.56		21.739	608.1	0.061
									20	28.63	34.60		21.908	591.9	0.121
									30	27.16	34.55		22.350	549.6	0.178
									50	23.53	34.51		23.430	446.4	0.278

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						1576150			
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
23 43.0N	107 12.0W	6/ 8/72			0216 GMT			76M	290	12KT	1	310	3	3	
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
0	29.07	34.564	4.70	0.20	1.	0.01	0.0	608.5	0	29.07	34.564	4.70	21.735	608.5	0.000
10	29.06	34.562	4.69	0.20	1.	0.01	0.0	608.3	10	29.06	34.562	4.69	21.737	608.3	0.061
20	28.89	34.567	4.76	0.22	1.	0.02	0.0	602.5	20	28.89	34.567	4.76	21.797	602.5	0.121
30	28.13	34.554	4.87	0.27	1.	0.01	0.0	579.4	30	28.13	34.554	4.87	22.039	579.4	0.181
50	23.65	34.468	2.80	1.07	5.	0.07	8.5	452.7	50	23.65	34.468	2.80	23.363	452.7	0.284

						Z	T	S	O2	DT
10.005	06/07/72	1423GMT	48 05.0N	125 38.0W		10	10.36	31.059	8.69	406.9
		BOTTOM	272M	WIND 310	15KT WEATHER 1					
				DOMINANT WAVES	310 02 07					
10.010	06/07/72	1651GMT	47 55.0N	126 03.5W		10	12.43	31.976	6.50	374.3
		BOTTOM	1631M	WIND 330	11KT WEATHER 1					
				DOMINANT WAVES	330 02 06					
10.015	06/07/72	2000GMT	47 45.0N	126 28.5W		10	12.30	32.090	6.49	363.6
		BOTTOM	2222M	WIND 330	10KT WEATHER 1					
				DOMINANT WAVES	330 02 07					
10.025	06/08/72	0215GMT	47 25.5N	127 19.0W		10	12.19	32.368	6.47	341.1
		BOTTOM	2562M	WIND 310	07KT WEATHER 1					
				DOMINANT WAVES	260 01 06					
10.030	06/08/72	0450GMT	47 14.5N	127 43.0W		10	11.96	32.428	6.70	332.6
		BOTTOM	2673M	WIND 360	11KT WEATHER 1					
				DOMINANT WAVES	360 02 06					
10.035	06/08/72	0836GMT	47 06.0N	128 07.0W		10	11.45	32.444	6.90	322.5
		BOTTOM	2694M	WIND 360	09KT WEATHER 1					
				DOMINANT WAVES						
10.040	06/08/72	1120GMT	46 55.5N	128 36.0W		10	11.56	32.588	6.74	313.8
		BOTTOM	2724M	WIND 360	12KT WEATHER 1					
				DOMINANT WAVES						
10.045	06/08/72	1530GMT	46 45.0N	129 02.5W		10	11.34	32.557	6.97	312.3
		BOTTOM	2645M	WIND 020	13KT WEATHER 1					
				DOMINANT WAVES	020 02 06					
10.050	06/08/72	1735GMT	46 35.0N	129 27.5W		10	11.42	32.528	7.00	315.8
		BOTTOM	2576M	WIND 060	17KT WEATHER 2					
				DOMINANT WAVES	060 02 06					
10.055	06/08/72	2055GMT	46 25.0N	129 51.0W		10	11.51	32.515	6.99	318.3
		BOTTOM	2629M	WIND 070	13KT WEATHER 2					
				DOMINANT WAVES	070 04 05					
10.060	06/08/72	2320GMT	46 15.0N	130 16.5W		10	11.17	32.663	6.86	301.5
		BOTTOM	2081M	WIND 050	14KT WEATHER 6					
				DOMINANT WAVES	070 03 04					
20.015	05/14/72	0523GMT	46 01.0N	125 13.5W		10	11.51	32.292	6.70	334.8
		BOTTOM	1757M	WIND 330	13KT WEATHER 0					
				DOMINANT WAVES						
20.020	05/14/72	0800GMT	45 51.0N	125 38.0W		10	10.46	32.458	7.06	304.9
		BOTTOM	2120M	WIND 330	13KT WEATHER					
				DOMINANT WAVES						
20.025	05/14/72	1121GMT	45 42.0N	126 04.0W		10	11.06	32.540	6.79	308.8
		BOTTOM	2525M	WIND 340	07KT WEATHER					
				DOMINANT WAVES						
20.030	05/14/72	1432GMT	45 31.0N	126 27.0W		10	11.94	32.535	6.65	324.5
		BOTTOM	2709M	WIND 020	12KT WEATHER 2					
				DOMINANT WAVES	010 04 04					
20.035	05/14/72	1743GMT	45 21.0N	126 51.0W		10	11.44	32.513	6.82	317.2
		BOTTOM	2838M	WIND 030	08KT WEATHER 1					
				DOMINANT WAVES	010 03 04					
20.045	05/15/72	0050GMT	45 02.0N	127 39.5W		10	10.77	32.498		307.0
		BOTTOM	2891M	WIND 210	10KT WEATHER 2					
				DOMINANT WAVES	010 02 03					
20.050	05/15/72	0355GMT	44 49.0N	128 06.0W		10	10.40	32.452	6.99	304.4
		BOTTOM	2862M	WIND 240	16KT WEATHER 2					
				DOMINANT WAVES	230 03 03					
20.055	05/15/72	0708GMT	44 41.0N	128 28.5W		10	11.43	32.464	6.82	320.7
		BOTTOM	2832M	WIND 250	15KT WEATHER					
				DOMINANT WAVES						
20.060	05/15/72	0955GMT	44 30.0N	128 52.0W		10	10.08	32.542	6.92	292.6
		BOTTOM	2824M	WIND 250	15KT WEATHER					
				DOMINANT WAVES						
20.065	05/15/72	1324GMT	44 21.0N	129 18.0W		10	10.23	32.603	6.88	290.4
		BOTTOM	2648M	WIND 250	15KT WEATHER 6					
				DOMINANT WAVES	230 05 04					
20.070	05/15/72	1557GMT	44 11.0N	129 43.0W		10	10.81	32.558	6.83	303.2
		BOTTOM	2709M	WIND 260	17KT WEATHER 1					
				DOMINANT WAVES	260 06 04					
20.090	05/16/72	0345GMT	43 30.0N	131 20.0W		10	10.43	32.781	6.86	280.5
		BOTTOM	3480M	WIND 360	25KT WEATHER 2					
				DOMINANT WAVES	360 06 06					

					Z	T	S	02	DT
20.100	05/16/72	0937GMT	43 12.0N	132 06.0W	10	11.56	32.771	6.80	300.3
	BOTTOM	3673M	WIND 010	21KT	WEATHER 2				
	DOMINANT WAVES								
30.030	05/10/72	0644GMT	43 46.5N	125 08.0W	10	9.87	32.289	7.17	308.0
	BOTTOM	1479M	WIND 360	13KT	WEATHER 0				
	DOMINANT WAVES								
30.035	05/10/72	0330GMT	43 37.5N	125 32.5W	10	10.72	32.507	6.74	305.5
	BOTTOM	2974M	WIND 350	17KT	WEATHER 0				
	DOMINANT WAVES 350 02 06								
30.040	05/10/72	0034GMT	43 27.0N	125 57.0W	10	11.19	32.600	6.53	306.5
	BOTTOM	2973M	WIND 350	11KT	WEATHER 1				
	DOMINANT WAVES 350 03 06								
30.045	05/09/72	2145GMT	43 16.5N	126 20.0W	10	11.08	32.578	6.57	306.3
	BOTTOM	2964M	WIND 08KT	WEATHER 1					
	DOMINANT WAVES 340 02 05								
30.055	05/09/72	1450GMT	42 57.0N	127 06.0W	10	10.06	32.495	6.87	295.7
	BOTTOM	2690M	WIND 120	04KT	WEATHER 2				
	DOMINANT WAVES 360 01 05								
30.060	05/09/72	1223GMT	42 47.5N	127 30.0W	10	10.18	32.483	6.83	298.5
	BOTTOM	2690M	WIND 010	04KT	WEATHER 1				
	DOMINANT WAVES								
30.065	05/09/72	0915GMT	42 37.0N	127 53.0W	10	9.92	32.491	6.91	293.8
	BOTTOM	1812M	WIND 100	06KT	WEATHER 2				
	DOMINANT WAVES								
30.070	05/09/72	0539GMT	42 27.0N	128 18.5W	10	10.30	32.570	6.81	294.0
	BOTTOM	3087M	WIND 340	04KT	WEATHER 2				
	DOMINANT WAVES								
30.080	05/09/72	0102GMT	42 08.0N	129 03.0W	10	10.56	32.553	6.68	299.5
	BOTTOM	3163M	WIND 270	07KT	WEATHER 1				
	DOMINANT WAVES 270 03 05								
40.038	05/06/72	0906GMT	41 47.5N	124 28.0W	10	8.34	33.595	4.84	188.1
	BOTTOM	187M	WIND 310	07KT	WEATHER 2				
	DOMINANT WAVES								
40.045	05/06/72	1431GMT	41 33.0N	125 00.0W	10	10.84	32.546	6.52	304.6
	BOTTOM	1313M	WIND 020	03KT	WEATHER 2				
	DOMINANT WAVES 020 02 08								
40.055	05/06/72	2030GMT	41 12.5N	125 47.0W	10	10.68	32.461	6.70	308.3
	BOTTOM	3069M	WIND 170	11KT	WEATHER 1				
	DOMINANT WAVES 340 02 06								
40.060	05/06/72	2354GMT	41 02.5N	126 08.5W	10	10.84	32.501	6.61	308.0
	BOTTOM	3068M	WIND 200	12KT	WEATHER 1				
	DOMINANT WAVES 200 02 04								
40.065	05/07/72	0241GMT	40 52.0N	126 31.0W	10	10.84	32.500	6.72	308.0
	BOTTOM	3012M	WIND 200	18KT	WEATHER 5				
	DOMINANT WAVES 200 03 04								
40.080	05/07/72	1126GMT	40 23.0N	127 40.0W	10	11.06	32.597	6.55	304.6
	BOTTOM	1378M	WIND 260	12KT	WEATHER 1				
	DOMINANT WAVES								
40.090	05/07/72	1757GMT	40 02.5N	128 25.0W	10	11.54	32.902	6.08	290.3
	BOTTOM	4340M	WIND 290	24KT	WEATHER 1				
	DOMINANT WAVES 260 08 07								
50.047	05/05/72	2005GMT	39 46.0N	123 54.0W	10	8.65	33.843	4.75	173.9
	BOTTOM	104M	WIND 230	04KT	WEATHER 2				
	DOMINANT WAVES 320 01 06								
50.055	05/05/72	1351GMT	39 30.0N	124 30.0W	10	11.12	32.791	6.84	291.2
	BOTTOM	2130M	WIND 340	24KT	WEATHER 2				
	DOMINANT WAVES 340 04 06								
50.060	05/05/72	1100GMT	39 20.0N	124 49.0W	10	11.18	32.806	6.44	291.1
	BOTTOM	2785M	WIND 340	23KT	WEATHER 2				
	DOMINANT WAVES								
50.065	05/05/72	0720GMT	39 10.5N	125 14.0W	10	11.12	32.774	6.50	292.5
	BOTTOM	3012M	WIND 350	18KT	WEATHER				
	DOMINANT WAVES								
50.070	05/05/72	0321GMT	39 00.0N	125 36.0W	10	11.34	32.806	6.21	293.9
	BOTTOM	3711M	WIND 350	18KT	WEATHER 2				
	DOMINANT WAVES 350 11 06								
50.090	05/04/72	1412GMT	38 20.0N	127 04.0W	10	11.29	32.823	6.58	291.8
	BOTTOM	4493M	WIND 010	25KT	WEATHER 2				
	DOMINANT WAVES 010 10 06								

						Z	T	S	Q2	DT
50.100	05/04/72	0657GMT	38 00.0N	127 50.0W		10	11.88	32.938	6.36	293.6
		BOTTOM	4493M	WIND 010 17KT	WEATHER 0					
				DOMINANT WAVES						
60.050	04/24/72	0255GMT	37 57.5N	122 53.0W		10	9.54	33.783	6.01	192.1
		BOTTOM	48M	WIND 170 17KT	WEATHER 1					
				DOMINANT WAVES 170 02 03						
60.052	04/24/72	0440GMT	37 54.0N	123 01.5W		10	9.44	33.760	5.66	192.3
		BOTTOM	84M	WIND 180 17KT	WEATHER 6					
				DOMINANT WAVES 02 03						
60.055	04/24/72	0644GMT	37 47.0N	123 14.5W		10	10.54	33.110	6.44	258.0
		BOTTOM	119M	WIND 230 12KT	WEATHER 6					
				DOMINANT WAVES 02 03						
60.065	04/24/72	1350GMT	37 27.0N	123 59.0W		10	11.75	32.950	6.40	290.0
		BOTTOM	3611M	WIND 290 10KT	WEATHER 1					
				DOMINANT WAVES 270 03 07						
60.070	04/24/72	1733GMT	37 17.0N	124 21.0W		10	11.37	32.733	6.67	299.8
		BOTTOM	4014M	WIND 300 10KT	WEATHER					
				DOMINANT WAVES 290 04 08						
60.080	04/24/72	2231GMT	36 56.5N	125 03.5W		10	12.67	33.122	6.38	294.3
		BOTTOM	4206M	WIND 330 17KT	WEATHER 1					
				DOMINANT WAVES 300 04 12						
60.100	04/23/72	1042GMT	36 16.5N	126 31.0W		10	13.64	33.096	6.06	314.6
		BOTTOM	4588M	WIND 350 16KT	WEATHER					
				DOMINANT WAVES 320 08 04						
70.051	04/20/72	2125GMT	36 11.5N	121 44.0W		10	9.50	33.846		186.8
		BOTTOM	223M	WIND 310 11KT	WEATHER 0					
				DOMINANT WAVES 300 02 08						
70.053	04/20/72	1954GMT	36 06.5N	121 54.0W		10	9.68	33.796		193.4
		BOTTOM	1045M	WIND 340 15KT	WEATHER 0					
				DOMINANT WAVES 340 08 10						
70.065	04/20/72	1110GMT	35 43.0N	122 45.0W		10	11.64	32.999		284.9
		BOTTOM	2690M	WIND 340 18KT	WEATHER 1					
				DOMINANT WAVES 350 10 06						
70.070	04/20/72	0720GMT	35 34.5N	123 07.0W		10	12.26	32.911		302.4
		BOTTOM	3635M	WIND 350 22KT	WEATHER 1					
				DOMINANT WAVES 10 05						
70.080	04/20/72	0205GMT	35 14.0N	123 48.0W		10	12.44	33.176		286.1
		BOTTOM	4021M	WIND 340 18KT	WEATHER 1					
				DOMINANT WAVES 330 08 06						
80.051	04/13/72	0600GMT	34 26.0N	120 32.5W		10	13.09	33.559		270.1
		BOTTOM	145M	WIND 270 11KT	WEATHER 2					
				DOMINANT WAVES						
80.052	04/13/72	0735GMT	34 24.5N	120 36.5W		10	12.51	33.570		258.4
		BOTTOM	290M	WIND 290 16KT	WEATHER 5					
				DOMINANT WAVES						
80.055	04/13/72	0935GMT	34 19.0N	120 47.5W		10	11.56	33.648		235.6
		BOTTOM	733M	WIND 320 20KT	WEATHER 2					
				DOMINANT WAVES						

RV DAVID STARR JORDAN

CALCOFI CRUISE 7205

TEN METER DATA

						Z	T	S	Q2	DT
90.028	04/18/72	0533GMT	33 28.5N	117 46.5W		10	13.53	33.533		280.4
		BOTTOM	316M	WIND 120 10KT	WEATHER					
				DOMINANT WAVES						
90.032	04/18/72	0835GMT	33 20.5N	118 03.0W		10	15.63	33.517		324.2
		BOTTOM	722M	WIND 250 12KT	WEATHER					
				DOMINANT WAVES						
90.045	04/18/72	1717GMT	32 54.5N	118 55.5W		10	14.49	33.522		300.2
		BOTTOM	1664M	WIND 310 22KT	WEATHER 1					
				DOMINANT WAVES 310 12 05						
90.053	04/18/72	2229GMT	32 39.0N	119 28.5W		10	13.12	33.459	6.14	278.0
		BOTTOM	1202M	WIND 330 20KT	WEATHER 1					
				DOMINANT WAVES 310 10 06						
90.060	04/19/72	0245GMT	32 25.0N	119 57.5W		10	13.78	33.429	6.19	292.9
		BOTTOM	929M	WIND 340 22KT	WEATHER 0					
				DOMINANT WAVES 310 15 06						
90.080	04/19/72	1413GMT	31 45.0N	121 19.0W		10	14.42	33.392	6.02	308.3
		BOTTOM	3737M	WIND 310 16KT	WEATHER 1					
				DOMINANT WAVES 310 10 07						

					Z	T	S	02	DT
90.090	04/19/72	1940GMT	31 24.0N	122 01.0W	10	13.76	33.233	6.15	306.9
	BOTTOM	3926M	WIND 340	18KT WEATHER 1					
			DOMINANT WAVES	340 10 06					
90.100	04/20/72	0059GMT	31 05.0N	122 39.0W	10	13.80	33.051	6.17	321.0
	BOTTOM	4308M	WIND 360	16KT WEATHER 1					
			DOMINANT WAVES	350 10 06					
90.140	04/20/72	1903GMT	29 45.0N	125 20.0W	10		33.506	5.89	
	BOTTOM	4498M	WIND 020	07KT WEATHER 1					
			DOMINANT WAVES	360 05 07					
100.029	05/05/72	0927GMT	31 42.0N	116 44.5W	10	15.19	33.592	7.66	309.4
	BOTTOM	205M	WIND 310	06KT WEATHER					
			DOMINANT WAVES						
100.030	05/05/72	0801GMT	31 40.5N	116 46.5W	10	16.46	33.587	7.81	337.0
	BOTTOM	427M	WIND 310	10KT WEATHER					
			DOMINANT WAVES						
100.035	05/05/72	0451GMT	31 27.5N	117 07.0W	10	15.08	33.558	8.07	309.6
	BOTTOM	1202M	WIND 290	10KT WEATHER					
			DOMINANT WAVES						
100.050	05/04/72	1939GMT	31 01.0N	118 06.0W	10	15.66	33.588	6.00	319.6
	BOTTOM	1763M	WIND 300	06KT WEATHER 2					
			DOMINANT WAVES	290 02 03					
100.060	05/04/72	1354GMT	30 40.5N	118 47.5W	10	16.00	33.662	5.97	321.5
	BOTTOM	3075M	WIND 290	09KT WEATHER 2					
			DOMINANT WAVES	290 01 03					
100.070	05/04/72	0659GMT	30 20.5N	119 27.0W	10	15.28	33.527	6.02	316.1
	BOTTOM	3737M	WIND 280	07KT WEATHER					
			DOMINANT WAVES						
100.090	05/03/72	1955GMT	29 40.5N	120 47.0W	10	16.00	33.649	5.97	322.4
	BOTTOM	3926M	WIND 280	10KT WEATHER 2					
			DOMINANT WAVES	270 02 06					
100.100	05/03/72	1450GMT	29 20.0N	121 26.5W	10	15.36	33.495	6.07	320.1
	BOTTOM	4068M	WIND 270	06KT WEATHER 2					
			DOMINANT WAVES	320 02 05					
100.140	05/02/72	2151GMT	28 00.0N	124 04.0W	10	16.17	33.679	5.97	323.9
	BOTTOM	4507M	WIND 310	01KT WEATHER 1					
			DOMINANT WAVES	360 02 05					
110.032	05/09/72	1220GMT	29 51.0N	115 50.0W	10	11.47	33.761	4.84	225.7
	BOTTOM	52M	WIND 340	10KT WEATHER					
			DOMINANT WAVES						
110.035	05/09/72	1428GMT	29 46.0N	116 00.0W	10	13.20	33.521	6.11	274.9
	BOTTOM	1114M	WIND 340	19KT WEATHER 2					
			DOMINANT WAVES	310 03 04					
110.045	05/09/72	2114GMT	29 28.0N	116 39.0W	10	16.02	33.628	5.96	324.4
	BOTTOM	1298M	WIND 320	20KT WEATHER 1					
			DOMINANT WAVES	310 08 05					
110.050	05/10/72	0035GMT	29 16.5N	116 59.0W	10	16.22	33.631	5.98	328.5
	BOTTOM	3926M	WIND 320	22KT WEATHER 1					
			DOMINANT WAVES	310 08 05					
110.055	05/10/72	0319GMT	29 06.5N	117 18.5W	10	16.15	33.631	5.98	327.0
	BOTTOM	3498M	WIND 320	23KT WEATHER					
			DOMINANT WAVES						
110.060	05/10/72	0629GMT	28 56.5N	117 39.0W	10	16.30	33.664	6.02	327.8
	BOTTOM	3737M	WIND 330	22KT WEATHER					
			DOMINANT WAVES						
110.070	05/10/72	1120GMT	28 36.5N	118 18.0W	10	16.65	33.728	5.94	330.4
	BOTTOM	3926M	WIND 330	18KT WEATHER					
			DOMINANT WAVES						
120.024	05/12/72	2311GMT	28 25.0N	114 10.5W	10	14.74	33.725		290.4
	BOTTOM	32M	WIND 320	08KT WEATHER 2					
			DOMINANT WAVES	300 03 03					
120.025	05/12/72	2211GMT	28 22.5N	114 15.0W	10	14.86	33.719		293.3
	BOTTOM	56M	WIND 320	12KT WEATHER 2					
			DOMINANT WAVES	300 01 03					
120.030	05/12/72	1922GMT	28 10.5N	114 37.5W	10	13.42	33.628	6.32	271.3
	BOTTOM	93M	WIND 310	05KT WEATHER 2					
			DOMINANT WAVES	300 01 03					
120.035	05/12/72	1700GMT	28 03.0N	114 54.0W	10	14.60	33.560		299.6
	BOTTOM	82M	WIND 300	05KT WEATHER 2					
			DOMINANT WAVES	340 02 03					

			Z	T	S	02	0T
120.040	05/12/72 1027GMT 27 55.0N 115 17.0W BOTTOM 71M WIND 340 10KT WEATHER DOMINANT WAVES		10	13.76	33.715		271.5
120.045	05/12/72 0355GMT 27 43.0N 115 33.0W BOTTOM 2415M WIND 330 16KT WEATHER DOMINANT WAVES		10	14.06	33.546	6.46	289.8
120.060	05/11/72 1713GMT 27 15.0N 116 30.5W BOTTOM 3737M WIND 320 10KT WEATHER 2 DOMINANT WAVES 270 05 08		10	16.24	33.571	6.36	333.5
120.070	05/11/72 1158GMT 26 53.0N 117 10.0W BOTTOM 3926M WIND 330 14KT WEATHER DOMINANT WAVES		10	17.21	33.784	6.34	339.5
130.028	05/13/72 1438GMT 26 33.5N 113 21.0W BOTTOM 56M WIND 240 05KT WEATHER 4 DOMINANT WAVES 270 03 03		10	13.32	34.147		231.3
130.030	05/13/72 1611GMT 26 29.0N 113 29.0W BOTTOM 80M WIND 280 03KT WEATHER 4 DOMINANT WAVES 250 02 03		10	12.51	33.956		230.0
130.035	05/13/72 1854GMT 26 19.0N 113 48.0W BOTTOM 929M WIND 280 07KT WEATHER 4 DOMINANT WAVES 280 02 03		10	15.06	33.712		298.0
130.050	05/14/72 0418GMT 25 49.5N 114 47.0W BOTTOM 3641M WIND 300 15KT WEATHER DOMINANT WAVES		10	17.55	33.912	6.07	337.7
130.060	05/14/72 1211GMT 25 29.0N 115 24.0W BOTTOM 3641M WIND 330 12KT WEATHER DOMINANT WAVES		10	17.61	33.910	6.12	339.5
130.080	05/14/72 2257GMT 24 50.0N 116 35.5W BOTTOM 4021M WIND 350 06KT WEATHER 1 DOMINANT WAVES 360 03 05		10	19.08	34.213	5.68	351.9
130.090	05/15/72 0443GMT 24 26.0N 117 17.0W BOTTOM 3929M WIND 300 06KT WEATHER DOMINANT WAVES		10	19.20	34.261	5.64	351.4
140.030	06/02/72 1200GMT 24 45.0N 112 24.0W BOTTOM 112M WIND 350 05KT WEATHER DOMINANT WAVES		10	15.88	33.969	5.43	296.5
140.035	06/02/72 0926GMT 24 35.5N 112 42.5W BOTTOM 1053M WIND 090 03KT WEATHER DOMINANT WAVES		10	18.42	33.897		359.1
140.045	06/02/72 0255GMT 24 16.0N 113 22.0W BOTTOM 3545M WIND 290 07KT WEATHER DOMINANT WAVES		10	20.02	34.299		368.8
140.050	06/02/72 0016GMT 24 06.0N 113 40.0W BOTTOM 5169M WIND 290 05KT WEATHER 1 DOMINANT WAVES 290 02 08		10	21.36	34.521	5.26	387.0
140.055	06/01/72 2127GMT 23 55.5N 113 58.5W BOTTOM 4116M WIND 280 04KT WEATHER 1 DOMINANT WAVES 280 02 06		10	20.89	34.503		376.1
140.070	06/01/72 1248GMT 23 25.0N 114 55.0W BOTTOM 3737M WIND 250 02KT WEATHER DOMINANT WAVES		10	19.04	34.146	5.51	355.8
140.080	06/01/72 0753GMT 23 05.0N 115 33.0W BOTTOM 4121M WIND 330 01KT WEATHER DOMINANT WAVES		10	19.46	34.138	5.56	366.7
140.090	06/01/72 0246GMT 22 42.0N 116 11.5W BOTTOM 4121M WIND 350 03KT WEATHER 1 DOMINANT WAVES 310 03 05		10	19.92	34.261	5.37	369.1
140.120	05/31/72 0740GMT 21 44.5N 118 01.0W BOTTOM 4121M WIND 330 03KT WEATHER DOMINANT WAVES		10	20.36	34.358	5.35	373.1
150.019	06/02/72 2317GMT 23 24.0N 110 39.0W BOTTOM 251M WIND 300 13KT WEATHER 0 DOMINANT WAVES 310 03 04		10	19.96	34.407		359.5
150.030	06/03/72 0608GMT 23 02.0N 111 20.0W BOTTOM 2602M WIND 330 16KT WEATHER 0 DOMINANT WAVES		10	24.74	35.215	5.00	429.8
150.035	06/03/72 0833GMT 22 52.0N 111 38.5W BOTTOM 3169M WIND 330 12KT WEATHER 0 DOMINANT WAVES		10	21.37	34.540		385.9

						Z	T	S	O2	DT
150.040	06/03/72	1150GMT	22 41.5N	111 56.5W		10	20.23	34.060	5.54	391.4
		BOTTOM	3357M	WIND 340 12KT	WEATHER 0					
			DOMINANT WAVES							
150.045	06/03/72	1423GMT	22 31.0N	112 14.5W		10	21.54	34.524		391.5
		BOTTOM	3357M	WIND 340 05KT	WEATHER 1					
			DOMINANT WAVES 340 03 05							
150.050	06/03/72	1710GMT	22 21.0N	112 34.0W		10	22.80	34.637	5.14	417.1
		BOTTOM	3545M	WIND 330 07KT	WEATHER 1					
			DOMINANT WAVES 330 03 04							
150.055	06/03/72	1947GMT	22 11.0N	112 53.0W		10	22.25	34.562		407.6
		BOTTOM	3545M	WIND 320 12KT	WEATHER 1					
			DOMINANT WAVES 320 03 05							
150.070	06/04/72	0411GMT	21 41.0N	113 48.0W		10	21.14	34.444	5.31	386.9
		BOTTOM	3882M	WIND 330 10KT	WEATHER					
			DOMINANT WAVES							
150.080	06/04/72	1258GMT	21 21.0N	114 26.0W		10	21.68	34.498	5.22	397.1
		BOTTOM	3929M	WIND 320 05KT	WEATHER					
			DOMINANT WAVES							
150.090	06/04/72	1745GMT	21 01.0N	115 03.0W		10	22.13	34.544	5.13	405.7
		BOTTOM	3739M	WIND 340 05KT	WEATHER 2					
			DOMINANT WAVES 330 03 04							
150.100	06/04/72	2236GMT	20 39.5N	115 39.0W		10	22.56	34.584	5.15	414.4
		BOTTOM	3929M	WIND 320 07KT	WEATHER 1					
			DOMINANT WAVES 350 04 04							
157.010	06/07/72	0422GMT	22 33.0N	109 23.0W		10	24.63	34.764		459.1
		BOTTOM	2980M	WIND 280 24KT	WEATHER					
			DOMINANT WAVES							
157.015	06/07/72	0113GMT	22 23.0N	109 42.0W		10		34.495		
		BOTTOM	3169M	WIND 270 15KT	WEATHER 1					
			DOMINANT WAVES 300 04 03							
157.025	06/06/72	1904GMT	22 02.5N	110 19.0W		10	23.92	34.878		430.7
		BOTTOM	3169M	WIND 270 09KT	WEATHER 1					
			DOMINANT WAVES 300 03 04							
157.030	06/06/72	1640GMT	21 53.0N	110 38.0W		10	21.74	34.501	5.23	398.4
		BOTTOM	2415M	WIND 320 10KT	WEATHER 1					
			DOMINANT WAVES 310 03 04							
157.035	06/06/72	1348GMT	21 42.0N	110 55.5W		10	22.30	34.680		400.4
		BOTTOM	3357M	WIND 320 09KT	WEATHER 1					
			DOMINANT WAVES 320 03 05							
157.040	06/06/72	1107GMT	21 29.0N	111 13.5W		10	21.82	34.514	5.20	399.6
		BOTTOM	3357M	WIND 330 06KT	WEATHER					
			DOMINANT WAVES							
157.045	06/06/72	0812GMT	21 22.5N	111 33.0W		10		34.519		
		BOTTOM	3169M	WIND 330 07KT	WEATHER					
			DOMINANT WAVES							
157.050	06/06/72	0555GMT	21 12.5N	111 52.0W		10	23.97	34.712	5.00	444.1
		BOTTOM	3545M	WIND 300 07KT	WEATHER					
			DOMINANT WAVES							
157.055	06/06/72	0301GMT	21 02.0N	112 10.5W		10	24.21	34.730		449.6
		BOTTOM	3549M	WIND 300 08KT	WEATHER					
			DOMINANT WAVES							
1576.025	06/07/72	0623GMT	22 41.0N	109 10.0W		10	23.28	34.583		434.1
		BOTTOM	3075M	WIND 260 08KT	WEATHER					
			DOMINANT WAVES							
1576.040	06/07/72	0902GMT	22 48.0N	108 55.5W		10	26.24	34.938	4.23	493.8
		BOTTOM	2980M	WIND 260 06KT	WEATHER					
			DOMINANT WAVES							
1576.055	06/07/72	1100GMT	22 55.5N	108 40.0W		10	26.16	34.972		489.0
		BOTTOM	3075M	WIND 240 06KT	WEATHER					
			DOMINANT WAVES							
1576.085	06/07/72	1603GMT	23 10.0N	108 12.0W		10	26.70	35.034		500.8
		BOTTOM	2790M	WIND	00KT WEATHER 1					
			DOMINANT WAVES 240 02 03							
1576.100	06/07/72	1839GMT	23 17.0N	107 58.0W		10	26.92	35.020	4.78	508.5
		BOTTOM	2602M	WIND 290 03KT	WEATHER 1					
			DOMINANT WAVES 280 02 06							
1576.115	06/07/72	2057GMT	23 26.0N	107 45.0W		10	28.18	34.905		555.7
		BOTTOM	1391M	WIND 300 11KT	WEATHER 1					
			DOMINANT WAVES 280 02 06							
1576.130	06/07/72	2322GMT	23 33.5N	107 31.0W		10	28.85	34.573	4.67	600.8
		BOTTOM	1058M	WIND 320 14KT	WEATHER 1					
			DOMINANT WAVES 280 02 05							

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46131
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
46 00.0N	131 00.0W	6/ 3/72	0102	GMT		2743M	270	7KT	2	290	2	9					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	11.60	32.70		24.901	306.2	0.000		
									10	10.05	32.69		25.165	281.1	0.029		
									20	9.80	32.69		25.206	277.2	0.057		
									30	9.10	32.71		25.334	265.0	0.084		
									50	8.03	32.70		25.489	250.3	0.136		
									75	7.57	32.71		25.562	243.3	0.198		
									100	7.38	32.72		25.597	240.1	0.259		
									125	6.84	32.89		25.803	220.4	0.317		
									150	6.75	33.21		26.067	195.4	0.369		
									200	6.51	33.81		26.570	147.5	0.456		
									250	5.88	33.86		26.690	136.1	0.529		
									300	5.45	33.87		26.750	130.4	0.597		
									400	4.68	33.88		26.847	121.3	0.726		
									500	4.17	34.01		27.005	106.3	0.844		
									600	3.97	34.14		27.128	94.6	0.950		
									700	3.83	34.21		27.198	88.0	1.047		
									800	3.70	34.30		27.283	79.9	1.137		
									1000	3.23	34.41		27.415	67.3	1.298		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46131
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
46 00.0N	131 00.0W	6/ 3/72	0229	GMT		2743M	270	7KT	2	290	2	9					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	11.36	32.704		24.948	301.8	0.000		
									10	10.38	32.693		25.112	286.2	0.029		
									20	9.74	32.697		25.219	276.0	0.058		
									30	9.27	32.696		25.297	268.6	0.085		
									50	8.37	32.699		25.436	255.3	0.137		
									75	7.63	32.684		25.531	246.3	0.200		
									100	7.44	32.692		25.565	243.1	0.262		
									125	7.02	32.821		25.724	228.0	0.321		
									150	6.81	33.075		25.951	206.4	0.376		
									200	6.66	33.750		26.503	153.9	0.467		
									250	6.06	33.816		26.633	141.6	0.542		
									300	5.47	33.868		26.745	130.9	0.612		
									400	4.63	33.921		26.884	117.8	0.740		
									500	4.17	34.027		27.017	105.2	0.856		
									600	3.99	34.139		27.125	94.9	0.961		
									700	3.87	34.208		27.192	88.5	1.058		
									800	3.71	34.274		27.261	82.0	1.150		
									1000	3.26	34.412		27.414	67.5	1.313		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46133
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
46 03.0N	133 00.0W	6/ 2/72	1354	GMT		3731M	200	10KT	2	250	4	6					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	10.10	32.71		25.172	280.4	0.000		
									10	10.10	32.71		25.172	280.4	0.028		
									20	9.88	32.71		25.209	277.0	0.056		
									30	9.60	32.71		25.255	272.6	0.083		
									50	8.00	32.71		25.501	249.2	0.136		
									75	7.43	32.73		25.598	240.0	0.197		
									100	7.23	32.74		25.633	236.6	0.257		
									125	6.82	32.98		25.877	213.4	0.314		
									150	6.90	33.51		26.282	174.9	0.363		
									200	6.71	33.81		26.544	150.0	0.445		
									250	5.98	33.84		26.662	138.8	0.519		
									300	5.33	33.84		26.741	131.3	0.588		
									400	4.45	33.90		26.888	117.4	0.716		
									500	4.02	33.97		26.988	107.9	0.833		
									600	3.79	34.06		27.083	96.9	0.941		
									700	3.57	34.16		27.184	89.3	1.040		
									800	3.42	34.25		27.270	81.1	1.131		
									1000	3.06	34.36		27.392	69.6	1.294		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46135
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
46 00.0N	135 00.0W	6/ 2/72	0308	GMT		3919M	160	6KT	2	270	4	7					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD		
									0	9.55	32.65		25.216	276.3	0.000		
									10	9.50	32.64		25.216	276.2	0.028		
									20	9.27	32.63		25.245	273.5	0.055		
									30	9.05	32.67		25.311	267.2	0.082		
									50	7.35	32.70		25.585	241.1	0.133		
									75	6.98	32.75		25.675	232.6	0.193		
									100	6.42	32.75		25.748	225.7	0.250		
									125	6.72	33.21		26.071	195.0	0.303		
									150	6.52	33.59		26.396	164.1	0.348		
									200	6.42	33.82		26.590	145.7	0.427		
									250	5.80	33.83		26.676	137.4	0.499		
									300	5.03	33.85		26.784	127.3	0.567		
									400	4.42	33.91		26.899	116.3	0.692		
									500	3.97	34.00		27.017	105.1	0.807		
									600	3.78	34.11		27.124	95.0	0.912		
									700	3.58	34.20		27.215	86.4	1.008		
									800	3.43	34.27		27.285	79.7	1.096		
									1000	3.16	34.37		27.390	69.7	1.259		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						46137
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
46 00.0N	136 57.0W	6/ 1/72			1627 GMT			4257M	220	12KT	2	270 4 6				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	9.63	32.71		25.250	273.0	0.000	
									10	9.64	32.71		25.248	273.2	0.027	
									20	9.64	32.71		25.248	273.2	0.055	
									30	9.61	32.71		25.253	272.7	0.082	
									50	8.00	32.77		25.548	244.7	0.134	
									75	7.50	32.80		25.643	235.7	0.194	
									100	7.13	32.83		25.717	228.6	0.253	
									125	7.02	33.20		26.023	199.5	0.306	
									150	6.21	33.55		26.404	163.3	0.352	
									200	6.57	33.86		26.601	144.6	0.430	
									250	6.05	33.88		26.685	136.7	0.502	
									300	5.35	33.88		26.770	128.5	0.570	
									400	4.52	33.93		26.904	115.9	0.696	
									500	3.98	33.99		27.008	106.0	0.811	
									600	3.75	34.09		27.111	96.2	0.917	
									700	3.57	34.18		27.200	87.8	1.014	
									800	3.46	34.26		27.274	80.7	1.104	
									1000	3.06	34.37		27.400	68.9	1.266	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						46137
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
46 00.0N	136 57.0W	6/ 1/72			1803 GMT			4257M	220	12KT	2	270 4 6				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
2	9.70	32.711	6.88	0.82	10.	0.13	6.6	274.1	0	9.70	32.711	6.88	25.239	274.1	0.000	
12	9.72	32.711	6.86	0.84	10.	0.14	6.3	274.4	10	9.72	32.714	6.86	25.237	274.3	0.027	
32	9.45	32.710	6.92	0.85	10.	0.14	6.8	270.3	20	9.61	32.713	6.88	25.253	272.7	0.055	
57	7.92	32.795	6.98	0.87	9.	0.12	6.9	241.7	30	9.48	32.713	6.91	25.275	270.7	0.082	
72	7.59	32.795	6.88	0.93	11.	0.22	8.1	237.3	50	8.35	32.772	6.96	25.495	249.7	0.134	
87	7.25	32.798	6.78	1.05	12.	0.32	9.2	232.5	75	7.51	32.796	6.86	25.635	236.4	0.195	
103	7.13	32.870	6.60	1.12	14.	0.28	11.4	225.6	100	7.14	32.853	6.64	25.732	227.2	0.253	
133	7.06	33.269	6.04	1.30	19.	0.24	14.9	194.9	125	7.08	33.144	6.20	25.969	204.7	0.308	
158	6.65	33.622	5.68	1.46	27.	0.22	18.7	163.3	150	6.50	33.460	5.80	26.296	173.6	0.356	
218	6.56	33.873	4.64	1.77	31.	0.02	20.4	151.6	200	6.71	33.853	4.92	26.576	147.0	0.437	
282	5.51	33.874	3.57	2.22	55.	0.02	29.0	130.8	250	6.07	33.883	4.10	26.683	136.8	0.509	
382	4.54	33.924	2.05	2.81	78.	0.01	38.6	116.5	300	5.29	33.881	3.25	26.777	127.9	0.577	
481	4.00	33.999	1.48	3.04	94.	0.01	38.6	105.5	400	4.42	33.938	1.91	26.920	114.3	0.702	
615	3.75	34.105	0.95	3.17	108.	0.01	41.3	95.1	500	3.95	34.015	1.39	27.031	103.8	0.815	
770	3.50	34.219	0.58	3.23	118.	0.00	46.4	84.2	600	3.76	34.094	1.00	27.112	96.1	0.919	
919	3.22	34.326	0.37	3.29	132.	0.01	46.6	73.6	700	3.61	34.169	0.72	27.187	89.1	1.017	
1129	2.87	34.408	0.43	3.30	149.	0.01	46.6	64.4	800	3.44	34.243	0.52	27.262	81.9	1.108	
									1000	3.08	34.368	0.39	27.396	69.2	1.272	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						46139
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
46 00.0N	139 00.0W	6/ 1/72			0546 GMT			4316M	250	18KT	2	250 4 7				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	9.45	32.70		25.271	271.0	0.000	
									10	9.44	32.70		25.273	270.9	0.027	
									20	9.44	32.70		25.273	270.9	0.054	
									30	9.25	32.68		25.287	269.5	0.081	
									50	8.19	32.87		25.598	239.9	0.132	
									75	7.53	32.84		25.670	233.1	0.192	
									100	7.20	32.81		25.692	231.0	0.250	
									125	6.30	32.89		25.874	213.7	0.306	
									150	6.47	33.49		26.324	170.9	0.355	
									200	6.37	33.80		26.580	146.5	0.435	
									250	5.92	33.85		26.677	137.4	0.508	
									300	5.29	33.89		26.785	127.1	0.575	
									400	4.47	33.94		26.917	114.6	0.700	
									500	4.00	34.01		27.022	104.7	0.813	
									600	3.73	34.10		27.121	95.3	0.918	
									700	3.56	34.20		27.217	86.2	1.014	
									800	3.40	34.28		27.296	78.7	1.102	
									1000	3.08	34.39		27.414	67.5	1.261	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						46141
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
46 00.0N	141 00.0W	5/31/72			1920 GMT			4429M	280	20KT	2	250 4 7				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	9.27	32.72		25.315	266.8	0.000	
									10	9.28	32.72		25.314	267.0	0.027	
									20	9.27	32.72		25.315	266.8	0.053	
									30	9.24	32.72		25.320	266.3	0.080	
									50	7.41	32.76		25.624	237.5	0.131	
									75	7.12	32.80		25.695	230.7	0.189	
									100	6.95	32.81		25.726	227.8	0.247	
									125	6.28	33.21		26.128	189.6	0.299	
									150	6.61	33.66		26.439	160.0	0.344	
									200	6.62	33.82		26.563	148.2	0.422	
									250	6.04	33.82		26.639	141.0	0.496	
									300	5.49	33.90		26.769	128.6	0.565	
									400	4.17	33.95		26.957	110.8	0.688	
									500	4.04	34.03		27.034	103.5	0.799	
									600	3.78	34.12		27.132	94.3	0.903	
									700	3.57	34.20		27.216	86.3	0.998	
									800	3.40	34.28		27.296	78.7	1.086	
									1000	3.07	34.37		27.399	69.0	1.247	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46143
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
43 58.0N	143 01.0W	5/31/72			0837	GMT		4369M	300	16KT	2						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	9.07	32.72		25.347	263.8	0.000		
									10	9.08	32.73		25.353	263.2	0.026		
									20	9.08	32.73		25.353	263.2	0.053		
									30	9.09	32.74		25.359	262.6	0.079		
									50	7.25	32.71		25.607	239.1	0.129		
									75	6.67	32.77		25.732	227.2	0.188		
									100	6.55	32.77		25.747	225.8	0.245		
									125	6.29	33.02		25.977	203.9	0.299		
									150	6.87	33.70		26.436	160.3	0.345		
									200	6.68	33.63		26.563	148.2	0.423		
									250	6.32	33.88		26.650	140.0	0.497		
									300	5.70	33.89		26.736	131.8	0.566		
									400	4.72	33.95		26.898	116.4	0.694		
									500	4.17	34.02		27.012	105.6	0.810		
									600	3.82	34.12		27.128	94.6	0.915		
									700	3.59	34.21		27.222	85.7	1.010		
									800	3.54	34.28		27.302	78.1	1.097		
									1000	3.00	34.38		27.413	67.6	1.256		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46145
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
46 02.0N	144 55.0W	5/30/72			1326	GMT		4742M	330	16KT	1	360 7 4					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	9.33	32.85		25.407	258.1	0.000		
									10	9.33	32.85		25.407	258.1	0.026		
									20	9.33	32.85		25.407	258.1	0.052		
									30	9.30	32.85		25.412	257.6	0.077		
									50	7.30	32.84		25.702	230.1	0.126		
									75	7.20	32.85		25.724	228.0	0.184		
									100	6.76	32.87		25.798	220.9	0.240		
									125	7.20	32.99		25.833	217.6	0.295		
									150	7.05	33.73		26.435	160.4	0.343		
									200	6.56	33.88		26.619	142.9	0.420		
									250	6.19	33.89		26.675	137.6	0.492		
									300	5.52	33.87		26.742	131.2	0.561		
									400	4.80	33.93		26.873	118.8	0.690		
									500	4.12	33.99		26.994	107.3	0.807		
									600	3.81	34.08		27.097	97.5	0.914		
									700	3.62	34.17		27.187	89.0	1.013		
									800	3.40	34.25		27.272	80.9	1.103		
									1000	3.03	34.35		27.386	70.1	1.267		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46145
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
46 02.0N	144 55.0W	5/30/72			1449	GMT		4742M	330	16KT	1	360 7 4					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
1	9.39	32.845	6.85	0.82	11.	0.11	6.2	259.4	0	9.39	32.845	6.85	25.394	259.4	0.000		
11	9.39	32.845	6.89	0.82	11.	0.11	6.2	259.4	10	9.39	32.848	6.89	25.394	259.4	0.026		
31	9.23	32.843	6.90	0.82	11.	0.12	6.2	257.1	20	9.32	32.847	6.90	25.404	258.3	0.052		
57	7.13	32.853	7.01	1.03	15.	0.14	9.0	228.4	30	9.24	32.846	6.90	25.417	257.2	0.078		
72	7.30	32.897	6.87	1.00	12.	0.17	8.6	225.8	50	7.65	32.835	7.00	25.649	235.1	0.127		
87	6.91	32.846	6.93	1.06	15.	0.17	9.4	224.6	75	7.23	32.892	6.88	25.750	225.5	0.185		
102	6.90	32.852	6.93	1.06	15.	0.17	9.4	224.0	100	6.90	32.854	6.93	25.765	224.1	0.241		
133	7.07	33.355	6.16	1.28	21.	0.03	14.8	190.1	125	7.04	33.000	6.39	25.863	214.7	0.297		
158	6.78	33.752	5.81	1.44	28.	0.00	18.6	155.3	150	6.89	33.691	5.91	26.424	161.4	0.344		
183	6.67	33.823	5.49	1.53	33.	0.01	20.1	148.6	200	6.58	33.858	5.14	26.597	145.0	0.422		
218	6.47	33.880	4.75	1.77	42.	0.01	24.2	141.8	250	6.16	33.891	4.29	26.678	137.3	0.494		
284	5.79	33.886	3.87	2.10	52.	0.00	28.9	133.1	300	5.64	33.893	3.61	26.745	131.0	0.563		
383	4.94	33.936	2.38	2.60	79.	0.00	35.4	119.8	400	4.80	33.947	2.22	26.885	117.6	0.691		
483	4.23	34.002	1.64	2.94	93.	0.00	41.1	107.5	500	4.16	34.016	1.55	27.010	105.8	0.807		
616	3.82	34.109	1.07	3.07	112.	0.00	44.3	95.5	600	3.85	34.097	1.12	27.105	96.7	0.913		
770	3.51	34.228	0.67	3.24	128.	0.00	45.8	83.6	700	3.64	34.177	0.82	27.190	88.7	1.011		
921	3.23	34.316	0.49	3.24	138.	0.00	48.3U	74.4	800	3.45	34.248	0.62	27.265	81.6	1.102		
1136	2.81	34.408	0.43	3.25	153.	0.00	50.6U	63.8	1000	3.08	34.355	0.47	27.385	70.2	1.267		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205							46145
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
46 02.0N	144 55.0W	5/30/72			1519	GMT		4742M	330	16KT	1	360 7 4					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	9.33	32.81		25.376	261.0	0.000		
									10	9.34	32.81		25.374	261.2	0.026		
									20	9.34	32.81		25.374	261.2	0.052		
									30	9.34	32.81		25.374	261.2	0.078		
									50	7.38	32.81		25.667	233.3	0.128		
									75	6.98	32.82		25.730	227.4	0.186		
									100	6.82	32.83		25.759	224.6	0.243		
									125	6.97	32.89		25.786	222.1	0.299		

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7205

42141

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
41 59.5N		141 00.0W		5/18/72		1330 GMT			4410M	300	11KT		300 3 6		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
0	12.00	33.218	6.52	0.23	0.	0.00	0.0	275.1	0	12.00	33.218	6.52	25.228	275.1	0.000
10	12.00	33.217	6.56	0.21	0.	0.00	0.0	275.1	10	12.00	33.217	6.56	25.227	275.1	0.028
31	11.55	33.209	6.59	0.20	0.	0.00	0.0	267.8	20	11.84	33.213	6.57	25.254	272.7	0.055
56	10.77	33.253	6.33	0.31	0.	0.04	0.5	251.2	30	11.58	33.211	6.59	25.299	268.3	0.082
71	10.75	33.264	6.44	0.36	0.	0.07	0.6	250.1	50	10.93	33.243	6.38	25.442	254.7	0.135
86	10.68	33.333	6.40	0.38	0.	0.10	1.1	243.8	75	10.73	33.282	6.43	25.507	248.6	0.198
101	10.62	33.388	6.32	0.43	1.	0.14	2.0	238.8	100	10.63	33.385	6.33	25.605	239.2	0.259
132	9.86	33.840	5.66	0.87	10.	0.01	10.2	193.0	125	10.06	33.738	5.81	25.978	203.8	0.315
157	9.44	33.886	5.53	0.95	13.	0.01	12.4	183.0	150	9.55	33.886	5.55	26.178	184.8	0.364
183	8.98	34.002	5.45	1.09	19.	0.00	15.4	167.3	200	8.72	34.006	5.44	26.405	163.2	0.453
218	8.47	33.983	5.44	1.17	22.	0.00	14.2	161.2	250	8.10	33.968	5.37	26.471	157.0	0.535
282	7.75	33.954	5.20	1.34	28.	0.00	18.6	153.1	300	7.54	33.952	4.97	26.539	150.5	0.614
381	6.55	33.947	3.74	1.95	48.	0.00	27.7	137.8	400	6.28	33.945	3.50	26.705	134.7	0.762
480	5.21	33.949	2.62	2.51	71.	0.00	32.2	121.8	500	5.00	33.961	2.44	26.873	118.8	0.894
613	4.14	34.047	1.63	2.91	97.	0.00	39.3	103.2	600	4.21	34.036	1.71	27.020	104.9	1.011
767	3.72								700	3.84	34.130	1.22	27.132	94.2	1.116
918	3.40	34.284	0.69	3.15	135.	0.00	39.8	78.4	800	3.64	34.212	0.89	27.219	86.0	1.213
1129	3.00	34.379	0.56	3.24	145.	0.00	45.1	67.7	1000	3.24	34.327	0.64	27.348	73.8	1.386

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7205

42143

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
42 00.0N		143 00.0W		5/18/72		2215 GMT			4583M	240	11KT	2	250 3 4		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
0	12.90	33.42											25.211	276.7	0.000
10	12.79	33.43											25.240	273.9	0.028
20	12.58	33.43											25.281	270.0	0.055
30	12.20	33.43											25.354	263.1	0.081
50	11.39	33.46											25.529	246.5	0.133
75	11.27	33.46											25.550	244.4	0.194
100	11.10	33.54											25.643	235.6	0.255
125	10.08	33.98											26.163	186.1	0.308
150	9.57	34.00											26.265	176.5	0.354
200	8.60	34.00											26.420	161.8	0.440
250	8.11	33.98											26.479	156.2	0.522
300	7.56	33.95											26.536	150.8	0.601
400	6.34	33.95											26.702	135.0	0.749
500	5.12	33.95											26.852	120.7	0.882
600	4.27	34.02											27.002	106.6	1.001
700	3.90	34.12											27.120	95.4	1.108
800	3.62	34.20											27.211	86.7	1.205
1000	3.19	34.35											27.372	71.5	1.377

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7205

42145

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
42 00.0N		145 00.0W		5/19/72		1337 GMT			4728M	190	16KT	0			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
0	11.80	33.17											25.228	275.1	0.000
10	11.80	33.17											25.228	275.1	0.028
20	10.84	33.17											25.402	258.5	0.054
30	10.57	33.17											25.449	254.0	0.080
50	10.02	33.26											25.613	238.4	0.129
75	10.20	33.31											25.622	237.6	0.189
100	9.84	33.78											26.048	197.1	0.244
125	9.47	33.95											26.242	178.7	0.291
150	9.04	34.03											26.374	166.1	0.335
200	8.34	33.98											26.444	159.5	0.418
250	7.89	33.98											26.511	153.1	0.498
300	7.37	33.95											26.563	148.2	0.576
400	6.00	33.91											26.714	133.8	0.722
500	5.16	33.95											26.848	121.2	0.855
600	4.27	34.03											27.010	103.8	0.974
700	3.91	34.14											27.134	94.0	1.079
800	3.66	34.22											27.223	85.6	1.175
1000	3.15	34.36											27.383	70.4	1.345

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7205

BUOY48

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
41 01.0N		148 02.0W		5/20/72		0529 GMT			5026M	210	19KT	2	210 8 4		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
0	13.65	33.64											25.230	274.9	0.000
10	13.65	33.64											25.230	274.9	0.028
20	13.65	33.65											25.238	274.1	0.055
30	13.45	33.63											25.263	271.7	0.082
50	12.93	33.69											25.413	257.4	0.135
75	12.85	33.72											25.452	253.7	0.200
100	12.14	33.84											25.683	231.8	0.261
125	10.87	33.86											25.933	208.1	0.317
150	10.41	34.02											26.138	188.6	0.367
200	9.87	34.09											26.285	174.6	0.460
250	9.04	34.03											26.374	166.1	0.547
300	8.47	34.01											26.447	159.2	0.631
400	7.06	33.95											26.606	144.1	0.788
500	5.65	33.96											26.797	126.0	0.929
600	4.62	34.01											26.956	110.9	1.054
700	4.08	34.09											27.077	99.4	1.165
800	3.80	34.19											27.185	89.2	1.266
1000	3.30	34.31											27.329	75.5	1.444

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					BUOY48		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
41 01.0N	148 02.0W	5/20/72	1630	GMT	5026M	350	10KT	1	210	8	4						
Z	T	S	O2	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD				
0	13.67	33.67									25.249	273.1	0.000				
10	13.68	33.68									25.255	272.5	0.027				
20	13.68	33.68									25.255	272.5	0.055				
30	13.68	33.68									25.255	272.5	0.082				
50	13.03	33.59									25.316	266.6	0.136				
75	12.32	33.56									25.432	255.7	0.202				
100	12.21	33.62									25.499	249.3	0.265				
125	11.92	33.74									25.647	235.2	0.327				
150	10.56	33.90									26.018	199.9	0.382				
200	9.93	34.05									26.243	178.5	0.478				
250	9.32	34.05									26.344	168.9	0.567				
300	8.52	34.03									26.456	158.4	0.652				

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					BUOY48		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
41 01.0N	148 02.0W	5/20/72	1700	GMT	5026M	350	10KT	1	210	8	4						
Z	T	S	O2	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD				
0	13.67	33.69									25.264	271.6	0.000				
10	13.67	33.69									25.264	271.6	0.027				
20	13.67	33.69									25.264	271.6	0.054				
30	13.67	33.68									25.257	272.3	0.082				
50	13.03	33.61									25.332	265.2	0.136				
75	12.37	33.56									25.422	256.6	0.201				
100	12.21	33.60									25.484	250.7	0.265				
125	11.94	33.73									25.636	236.3	0.327				
150	10.60	33.92									26.027	199.1	0.382				
200	9.95	34.08									26.263	176.6	0.478				
250	9.32	34.06									26.352	168.2	0.566				
300	8.52	34.03									26.456	158.4	0.650				

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					BUOY48		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
41 01.0N	148 02.0W	5/20/72	1758	GMT	5026M	350	10KT	1	210	8	4						
Z	T	S	O2	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD				
0	13.67	33.67									25.249	273.1	0.000				
10	13.68	33.67									25.247	273.3	0.027				
20	13.68	33.67									25.247	273.3	0.055				
30	13.68	33.67									25.247	273.3	0.082				
50	13.30	33.57									25.247	273.3	0.137				
75	12.47	33.58									25.418	256.9	0.204				
100	12.19	33.64									25.519	247.4	0.267				
125	11.70	33.71									25.665	233.5	0.328				
150	10.50	33.93									26.052	196.7	0.383				
200	9.79	34.07									26.282	174.8	0.477				
250	9.12	34.03									26.361	167.4	0.565				
300	8.36	34.01									26.464	157.6	0.649				

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					BUOY56		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
42 23.0N	157 59.0W	5/22/72	2009	GMT	5216M	150	13KT	1	150	2	3						
Z	T	S	O2	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD				
0	11.85	33.67									25.606	239.1	0.000				
10	11.71	33.67									25.632	236.6	0.024				
20	11.50	33.66									25.663	233.7	0.047				
30	11.24	33.66									25.711	229.1	0.071				
50	10.98	33.68									25.775	223.2	0.116				
75	10.07	33.68									25.932	208.2	0.170				
100	9.92	33.68									25.957	205.8	0.222				
125	9.57	33.88									26.171	185.4	0.272				
150	9.29	34.09									26.381	165.5	0.316				
200	8.41	34.08									26.511	153.1	0.398				
250	7.92	34.01									26.530	151.3	0.476				
300	7.32	34.00									26.609	143.8	0.552				

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					BUOY56		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
42 23.0N	157 59.0W	5/22/72	2141	GMT	5173M	180	16KT	2	180	2	3						
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	11.90	33.65		25.581	241.5	0.000		
									10	11.78	33.65		25.604	239.3	0.024		
									20	11.50	33.64		25.648	235.1	0.048		
									30	11.17	33.68		25.739	226.5	0.071		
									50	11.09	33.67		25.746	225.8	0.116		
									75	10.25	33.66		25.805	212.6	0.171		
									100	10.02	33.66		25.924	208.8	0.225		
									125	9.77	33.76		26.044	197.5	0.276		
									150	9.40	34.06		26.339	169.4	0.323		
									200	8.40	34.04		26.482	155.9	0.405		
									250	7.84	34.00		26.534	150.9	0.484		
									300	7.25	33.95		26.580	146.6	0.561		
									400	5.91	33.95		26.757	129.8	0.704		
									500	4.99	33.98		26.891	117.1	0.832		
									600	4.31	34.06		27.029	104.0	0.948		
									700	3.90	34.14		27.135	93.9	1.053		
									800	3.59	34.23		27.238	84.2	1.148		
									1000	3.16	34.34		27.366	72.0	1.318		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					BUOY55		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
42 00.0N	164 05.0W	5/26/72	0607	GMT		320	20KT	6	310	7	6						
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	10.12	33.64		25.892	211.9	0.000		
									10	10.13	33.65		25.898	211.3	0.021		
									20	10.13	33.65		25.898	211.3	0.042		
									30	10.13	33.65		25.898	211.3	0.064		
									50	10.27	33.86		26.038	198.1	0.105		
									75	9.72	33.79		26.076	194.4	0.154		
									100	9.45	33.85		26.167	185.8	0.202		
									125	9.42	33.96		26.258	177.2	0.248		
									150	9.55	34.11		26.354	168.1	0.292		
									200	8.87	34.12		26.471	156.9	0.375		
									250	8.02	34.05		26.547	149.7	0.453		
									300	7.30	33.99		26.604	144.3	0.529		
									400	5.82	33.93		26.753	130.2	0.671		
									500	4.97	33.98		26.893	116.9	0.800		
									600	4.40	34.06		27.020	104.9	0.916		
									700	3.95	34.15		27.138	93.6	1.021		
									800	3.66	34.22		27.223	85.6	1.117		
									1000	3.20	34.34		27.363	72.3	1.289		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					39133		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
39 00.0N	132 59.0W	5/ 2/72	2211	GMT	4588M	030	11KT	1	090	1	10						
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	14.28	33.545		25.026	294.3	0.000		
									10	13.80	33.539		25.121	285.2	0.029		
									20	13.76	33.536		25.127	284.7	0.058		
									30	13.71	33.531		25.132	284.2	0.086		
									50	13.62	33.517		25.141	283.4	0.143		
									75	13.47	33.494		25.153	282.2	0.214		
									100	13.19	33.556		25.258	272.3	0.284		
									125	12.09	33.573		25.486	250.5	0.350		
									150	10.42	33.590		25.801	220.6	0.410		
									200	9.08	33.981		26.328	170.5	0.509		
									250	8.55	34.030		26.451	158.8	0.594		
									300	7.82	34.030		26.560	148.5	0.673		
									400	6.13	34.000		26.767	128.8	0.817		
									500	4.88	34.030		26.943	112.2	0.942		
									600	4.29	34.107		27.068	100.3	1.054		
									700	3.99	34.194		27.168	90.8	1.155		
									800	3.81	34.285		27.259	82.2	1.248		
									1000	3.47	34.443		27.419	67.0	1.412		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205					39133		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
39 00.0N	132 59.0W	5/ 2/72	2246	GMT	4588M	030	11KT	1	090	1	10						
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	14.41	33.59		25.033	293.6	0.000		
									10	13.87	33.54		25.108	286.5	0.029		
									20	13.72	33.53		25.131	284.3	0.058		
									30	13.68	33.53		25.139	283.5	0.086		
									50	13.61	33.52		25.146	282.9	0.143		
									75	13.38	33.48		25.162	281.4	0.214		
									100	13.26	33.54		25.232	274.7	0.284		
									125	12.55	33.55		25.380	260.6	0.352		
									150	10.35	33.52		25.759	224.5	0.413		
									200	9.22	33.97		26.298	173.3	0.514		
									250	8.62	34.03		26.440	159.9	0.600		
									300	7.95	34.01		26.526	151.7	0.680		
									400	6.33	33.99		26.735	131.8	0.827		
									500	5.05	34.01		26.908	115.5	0.956		
									600	4.46	34.10		27.045	102.5	1.071		
									700	4.07	34.19		27.158	91.8	1.174		
									800	3.78	34.29		27.267	81.5	1.267		
									1000	3.46	34.44		27.417	67.2	1.430		

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

39135

Z	LATITUDE 39 00.0N			LONGITUDE 135 00.0W			MO/DAY/YR 5/ 2/72			MESSENGER TIME 1051 GMT		BOTTOM 4780M	WIND 230	SPEED 9KT	WEATHER 1	DOMINANT WAVES		
	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD			
1	14.11	33.531	6.14	0.21	1.	0.05	0.0	291.9	0	14.11	33.531	6.14	25.051	291.9	0.000			
11	14.10	33.601	5.99	0.19	1.	0.04	0.0	286.6	10	14.10	33.597	6.00	25.102	287.0	0.029			
31	13.92	33.631	6.06	0.18	2.	0.03	0.0	280.8	20	14.02	33.627	6.02	25.141	283.3	0.058			
57	13.87	33.631	6.11	0.19	2.	0.03	0.0	279.8	30	13.93	33.633	6.06	25.166	281.0	0.086			
72	13.86	33.623	6.13	0.19	2.	0.03	0.0	280.2	50	13.88	33.633	6.10	25.175	280.1	0.142			
87	13.85	33.619	6.15	0.17	2.	0.03	0.0	279.9	75	13.85	33.624	6.13	25.174	280.2	0.213			
102	13.20	33.631	6.05	0.21	2.	0.03	0.0	266.9	100	13.31	33.632	6.07	25.292	269.0	0.282			
132	11.27	33.514	5.88	0.47	3.	0.03	3.6	240.4	125	11.72	33.537	5.93	25.525	246.8	0.347			
157	10.27	33.631	5.56	0.67	6.	0.03	7.2	215.0	150	10.50	33.587	5.65	25.784	222.2	0.406			
182	9.66	33.819	5.32	0.84	11.	0.03	9.6	191.3	200	9.40	33.899	5.22	26.212	181.5	0.509			
217	9.22	33.946	5.13	1.07	17.	0.01	14.8	175.1	250	8.80	34.019	4.88	26.403	163.4	0.597			
282	8.34	34.051	4.59	1.40	28.	0.01	20.1	154.2	300	8.00	34.046	4.41	26.546	149.8	0.678			
382	6.39	33.987	3.53	2.05	50.	0.01	28.4	132.8	400	6.08	33.987	3.33	26.764	129.1	0.823			
481	4.96	34.017	2.43	2.62	75.	0.01	37.9	114.0	500	4.82	34.039	2.21	26.956	110.9	0.948			
615	4.37	34.172	1.12	3.00	98.	0.01	41.8	96.1	600	4.39	34.155	1.24	27.095	97.7	1.058			
769	4.03	34.246	0.85	3.13	110.	0.01	44.3	87.2	700	4.16	34.215	0.97	27.168	90.8	1.158			
920	3.74	34.407	0.60	3.27	127.	0.01	45.5	72.3	800	3.97	34.279	0.79	27.238	84.2	1.252			
1130	3.21	34.505	0.71	3.23	140.	0.00	46.8	60.0	1000	3.56	34.462	0.64	27.425	66.4	1.418			

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

39137

Z	LATITUDE 38 59.0N			LONGITUDE 136 58.0W			MO/DAY/YR 5/ 1/72			MESSENGER TIME 2319 GMT		BOTTOM 5166M	WIND 190	SPEED 12KT	WEATHER 2	DOMINANT WAVES 190 2 3		
	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD			
									0	13.33	33.38		25.095	287.8	0.000			
									10	13.15	33.38		25.131	284.3	0.029			
									20	12.93	33.38		25.174	280.2	0.057			
									30	12.76	33.36		25.192	278.5	0.085			
									50	12.62	33.34		25.204	277.4	0.141			
									75	11.87	33.26		25.285	269.7	0.209			
									100	11.60	33.44		25.474	251.6	0.275			
									125	10.70	33.52		25.699	230.3	0.336			
									150	9.58	33.67		26.006	201.1	0.391			
									200	9.02	33.91		26.283	174.7	0.486			
									250	8.59	33.98		26.436	160.2	0.572			
									300	7.77	33.96		26.513	152.9	0.653			
									400	6.08	33.92		26.712	134.0	0.801			
									500	4.92	33.94		26.867	119.3	0.933			
									600	4.26	34.03		27.011	105.7	1.051			
									700	4.05	34.16		27.136	93.9	1.157			
									800	3.81	34.25		27.232	84.7	1.252			
									1000	3.41	34.39		27.383	70.5	1.422			

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7205

39139

Z	LATITUDE 39 02.0N			LONGITUDE 136 53.0W			MO/DAY/YR 5/ 1/72			MESSENGER TIME 1247 GMT		BOTTOM 4884M	WIND 220	SPEED 14KT	WEATHER 1	DOMINANT WAVES		
	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD			
									0	13.02	33.42		25.187	278.9	0.000			
									10	13.02	33.42		25.187	278.9	0.028			
									20	13.02	33.43		25.195	278.2	0.056			
									30	12.99	33.43		25.201	277.7	0.084			
									50	12.82	33.41		25.219	275.9	0.139			
									75	12.64	33.38		25.231	274.8	0.208			
									100	12.07	33.46		25.402	258.5	0.276			
									125	10.05	33.53		25.818	218.9	0.336			
									150	9.40	33.68		26.043	197.6	0.389			
									200	8.87	33.96		26.346	168.8	0.482			
									250	8.07	33.98		26.485	155.6	0.565			
									300	7.40	33.98		26.582	146.4	0.643			
									400	6.10	33.94		26.725	132.8	0.787			
									500	4.83	33.96		26.893	116.9	0.917			
									600	4.16	34.05		27.037	103.2	1.033			
									700	3.92	34.16		27.149	92.6	1.136			
									800	3.74	34.25		27.239	84.1	1.231			
									1000	3.26	34.39		27.397	69.1	1.398			

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						39141				
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
39 00.0N		141 01.0W		4/30/72		1251 1827		GMT	5115M		190	15KT	2	190 2 3		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
0	13.57	33.633	5.98	0.12	1.		0.0	273.8	0	13.57	33.633	5.98	25.241	273.8	0.000	
10	13.57	33.631	6.15	0.11	1.		0.0	274.0	10	13.57	33.631	6.15	25.239	274.0	0.027	
30	13.58	33.632	6.13	0.11	1.		0.0	274.1	20	13.57	33.633	6.14	25.239	274.0	0.055	
56	13.61	33.634	6.01	0.13	1.		0.0	274.5	30	13.58	33.632	6.13	25.238	274.1	0.082	
71	13.63	33.633	5.97	0.12	1.		0.0	275.0	50	13.60	33.635	6.04	25.235	274.4	0.137	
86	13.65	33.639	6.18	0.12	1.		0.0	274.9	75	13.64	33.636	6.03	25.229	275.0	0.206	
102	13.29	33.617	6.03	0.13	1.		0.0	269.6	100	13.36	33.621	6.06	25.273	270.8	0.275	
132	11.02	33.689	5.57	0.48	4.		5.8	223.2	125	11.58	33.657	5.66	25.646	235.3	0.339	
157	10.25	33.843	5.61	0.69	7.		9.5	199.0	150	10.39	33.799	5.59	25.969	204.7	0.395	
182	9.98	33.981	5.41	0.76	10.		11.5	184.4	200	9.72	34.042	5.35	26.271	175.9	0.492	
218	9.45	34.073	5.31	1.05	16.		14.2	169.3	250	9.05	34.072	5.25	26.405	163.2	0.579	
283	8.64	34.070	5.13	1.15	23.		17.0	157.2	300	8.37	34.063	4.96	26.503	153.9	0.661	
383	6.95	34.017	3.86	1.75	43.		26.5	137.7	400	6.67	34.012	3.61	26.708	134.5	0.810	
482	5.46	34.010	2.51	2.41	65.		35.2	120.0	500	5.27	34.020	2.36	26.889	117.3	0.942	
603A	4.50	34.093	1.57	2.81	89.		41.2	103.4	600	4.52	34.092	1.59	27.031	103.8	1.058	
616	4.42	34.103	1.44	2.82	91.		41.9	101.8	700	4.06	34.154	1.26	27.129	94.6	1.164	
770	3.88	34.196	1.11	2.92	105.		42.9	89.5	800	3.83	34.230	0.98	27.213	86.5	1.261	
803A	3.93	34.290	0.50V	3.17V	119.V		46.6V		1000	3.36	34.419	0.42	27.410	67.8	1.429	
921	3.62	34.362	0.52	3.10	128.		45.8	74.5	1200	2.99	34.505	0.63	27.513	58.0	1.570	
1002A	3.35	34.420	0.42	3.18	138.		47.4	67.7	1500	2.46	34.570	0.73	27.611	48.8	1.755	
1132	3.16	34.463	0.49	3.19	146.		47.7	62.7	1750	2.16	34.622	1.26	27.677	42.6	1.890	
1202A	2.98	34.506	0.63	3.14	150.		44.4	57.9	2000	1.98	34.655	1.77	27.719	38.5	2.013	
1450A	2.53	34.537	0.65	3.15	158.		45.1	50.3	2250	1.84	34.674	2.10	27.744	36.2	2.129	
1700A	2.21	34.611	1.15	3.05	169.		44.4	43.7	2500	1.73	34.693	2.25	27.768	33.9	2.240	
1948A	2.01	34.651	1.67	3.00	174.		44.0	39.1	2750	1.65	34.707	2.49	27.785	32.2	2.347	
2199A	1.86	34.669	2.07	2.90	179.		41.8	36.6	3000	1.59	34.709	2.70	27.791	31.8	2.452	
2448A	1.75	34.689	2.20	2.82	176.		41.0	34.3	3250	1.54	34.718	2.98	27.802	30.7	2.556	
2697A	1.66	34.706	2.46	2.77	176.		40.7	32.4	3500	1.50	34.733	3.15	27.818	29.2	2.659	
2946A	1.60	34.707	2.63	2.73	176.		42.4	31.9	3750	1.49	34.732	3.30	27.817	29.3	2.760	
3196A	1.55	34.713	2.94	2.63	173.		42.0	31.1	4000	1.50	34.732	3.41	27.816	29.4	2.863	
3445A	1.51	34.734	3.11	2.61	169.		39.2	29.2	4250	1.52	34.732	3.47	27.815	29.4	2.969	
3688A	1.49								4500	1.52	34.733	3.48	27.815	29.4	3.077	
3943A	1.50								4750	1.55	34.735	3.55	27.816	29.4	3.187	
4192A	1.52	34.732	3.47	2.53	167.		36.5	29.4								
4442A	1.52	34.732	3.47	2.50	178.U		37.5	29.4								
4691A	1.54	34.734	3.53	2.50	165.		38.0	29.4								
4791A	1.55	34.735	3.56	2.50	167.		36.8	29.4								

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						35129				
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
35 00.0N		128 57.5W		4/26/72		0429		GMT	4689M		020	22KT	2	020 3		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
0	13.85	33.21							0	13.85	33.21		24.858	310.3	0.000	
10	13.85	33.21							10	13.85	33.21		24.858	310.3	0.031	
20	13.74	33.19							20	13.74	33.19		24.865	309.6	0.062	
30	13.72	33.19							30	13.72	33.19		24.869	309.3	0.095	
50	13.72	33.20							50	13.72	33.20		24.877	308.5	0.155	
75	13.42	33.30							75	13.42	33.30		25.015	295.4	0.231	
100	13.08	33.40							100	13.08	33.40		25.160	281.5	0.304	
125	10.87	33.25							125	10.87	33.25		25.459	253.1	0.371	
150	10.07	33.31							150	10.07	33.31		25.644	235.5	0.433	
200	9.04	33.79							200	9.04	33.79		26.187	183.9	0.539	
250	8.61	34.02							250	8.61	34.02		26.434	160.5	0.628	
300	7.61	33.98							300	7.61	33.98		26.552	149.2	0.707	
400	6.29	34.02							400	6.29	34.02		26.764	129.1	0.852	
500	5.38	34.07							500	5.38	34.07		26.917	114.6	0.979	
600	5.01	34.17							600	5.01	34.17		27.039	103.0	1.094	
700	4.61	34.26							700	4.61	34.26		27.155	92.0	1.199	
800	4.42	34.36							800	4.42	34.36		27.255	82.5	1.294	
1000	3.86	34.44							1000	3.86	34.44		27.378	70.9	1.464	

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7205						35131				
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
35 00.0N		131 01.0W		4/27/72		0412		GMT	4974M		010	11KT	2	010 4 7		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
0	14.71	33.180						329.7	0	14.71	33.180		24.654	329.7	0.000	
10	14.70	33.178	5.88					329.6	10	14.70	33.178	5.88	24.655	329.6	0.033	
30	14.67	33.171						329.5	20	14.69	33.177		24.655	329.6	0.066	
56	14.65	33.172						329.1	30	14.67	33.171		24.656	329.5	0.099	
71	12.62	33.161						290.5	50	14.65	33.174		24.660	329.2	0.165	
86	11.93	33.174						277.1	75	12.38	33.163		25.112	286.2	0.242	
101	10.98	33.262						254.1	100	11.04	33.257		25.432	255.7	0.311	
131	10.00	33.503						220.1	125	10.16	33.456		25.741	226.3	0.371	
156	9.02	33.675						192.2	150	9.23	33.635		26.034	198.5	0.425	
181	8.65	33.865						172.6	200	8.42	33.938		26.398	163.8	0.517	
213	8.27	33.965						159.6	250	7.82	34.017		26.549	149.6	0.598	
280	7.46	34.030						143.5	300	7.19	34.035		26.655	139.5	0.672	
380	6.22	34.050						126.0	400	6.07	34.067		26.828	123.1	0.808	
478	5.65	34.136						112.8	500	5.53	34.156		26.965	110.0	0.931	
611	5.00	34.245						97.3	600	5.05	34.237		27.087	98.5	1.041	
765	4.40	34.350						83.1	700	4.63	34.310		27.192	88.6	1.142	
915	3.99	34.424						73.4	800	4.30	34.370		27.276	80.5	1.234	
1126	3.44	34.485						63.6	1000	3.76	34.455		27.399	68.9	1.400	

A) CAST 1.

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205							35133
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
34 58.5N	133 05.0W	4/27/72	1435	GMT	5071M	340	19KT	2	330	1	3					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
0	14.42	33.290	6.15	0.21	1.	0.01	0.0	315.8	0	14.42	33.290	6.15	24.801	315.8	0.000	
10	14.40	33.282	6.10	0.21	1.	0.01	0.1	316.0	10	14.40	33.282	6.10	24.799	316.0	0.032	
30	14.41	33.282	6.12	0.21	1.	0.01	0.0	316.2	20	14.40	33.284	6.11	24.797	316.1	0.063	
55	14.37	33.301	6.03	0.25	1.	0.01	0.1	314.0	30	14.41	33.282	6.12	24.796	316.2	0.095	
70	14.38	33.513	6.11	0.20	3.	0.00	0.1	294.6	50	14.38	33.299	6.04	24.815	314.4	0.158	
84	14.09	33.553	6.05	0.19	2.	0.00	0.0	289.9	75	14.14	33.538	6.09	25.049	292.1	0.234	
99	14.06	33.591	6.02	0.22	2.	0.00	0.0	286.5	100	14.05	33.594	6.02	25.110	286.3	0.307	
129	13.37	33.582	5.92	0.25	4.	0.00	0.9	273.7	125	13.52	33.590	5.94	25.216	276.2	0.378	
153	11.86	33.539	5.82	0.42	4.	0.00	3.1	248.9	150	12.06	33.543	5.84	25.467	252.3	0.445	
178	10.71	33.597	5.58	0.64	6.	0.00	6.7	224.8	200	10.11	33.687	5.35	25.928	208.5	0.562	
212	9.88	33.758	5.23	0.87	12.	0.02	11.3	200.8	250	9.26	33.920	4.96	26.252	177.7	0.661	
276	8.85	33.997	4.75	1.32	24.	0.00	18.6	165.7	300	8.33	33.985	4.35	26.449	159.0	0.748	
374	6.72	33.956	3.06		50.	0.00	30.3	139.3	400	6.26	33.956	2.82	26.716	133.7	0.900	
471	5.31	33.980	2.29	2.65	70.	0.00	36.6	120.6	500	5.10	34.014	2.00	26.904	115.8	1.030	
602	4.71	34.148	1.07	3.06	90.	0.00	44.3	101.5	600	4.71	34.146	1.09	27.053	101.7	1.144	
753	4.41	34.310	0.55					86.2	700	4.50	34.260	0.65	27.167	90.9	1.247	
903	4.01	34.396	0.52	3.28	120.	0.00	43.5	75.7	800	4.29	34.343	0.54	27.255	82.5	1.341	
1112	3.45	34.463	0.78	3.25	137.	0.00	44.7	65.3	1000	3.75	34.435	0.60	27.384	70.3	1.510	

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205							35135
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
35 00.0N	134 59.0W	4/28/72	0256	GMT	5455M	010	21KT	1	010	8	7					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
1	15.06	33.560						309.1	0	15.06	33.560		24.871	309.1	0.000	
11	15.05	33.556						309.2	10	15.05	33.558		24.870	309.1	0.031	
32	15.07	33.560						309.3	20	15.06	33.561		24.869	309.2	0.062	
57	14.93	33.548						307.3	30	15.07	33.562		24.869	309.3	0.093	
72	14.52	33.642						292.0	50	14.97	33.553		24.884	307.8	0.155	
88	14.32	33.692						284.3	75	14.50	33.659		25.065	290.5	0.230	
103	13.43	33.654						269.6	100	13.65	33.668		25.251	272.9	0.301	
133	10.68	33.459						234.5	125	11.38	33.495		25.555	243.9	0.366	
158	9.86	33.615						209.6	150	10.03	33.551		25.837	217.1	0.425	
183	9.47	33.811						189.0	200	9.48	33.917		26.214	181.3	0.526	
219	9.49	33.992						175.9	250	8.95	33.995		26.361	167.4	0.615	
284	8.42	33.998						159.3	300	8.13	33.993		26.484	155.7	0.699	
382	6.67	33.949						139.2	400	6.38	33.938		26.687	136.4	0.850	
479	5.30	33.920						125.0	500	5.11	33.945		26.848	121.2	0.984	
612	4.48	34.113						101.7	600	4.52	34.093		27.032	103.7	1.102	
763	4.13	34.273						86.1	700	4.24	34.214		27.158	91.7	1.206	
913	3.77	34.389						73.9	800	4.04	34.307		27.253	82.8	1.300	
1124	3.33	34.468						63.9	1000	3.58	34.434		27.401	68.7	1.467	

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205							35137
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
34 58.5N	137 03.0W	4/28/72	1400	GMT	5071M	030	19KT	2	020	4	9					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
0	15.26	33.660						305.9	0	15.26	33.660		24.904	305.9	0.000	
10	15.25	33.693	6.03					303.3	10	15.25	33.693	6.03	24.931	303.3	0.030	
31	15.28	33.693						303.9	20	15.26	33.694		24.928	303.6	0.061	
56	15.27	33.693						303.7	30	15.28	33.694		24.925	303.9	0.091	
71	15.12	33.704						299.8	50	15.27	33.695		24.926	303.8	0.152	
86	14.67	33.765						286.0	75	15.01	33.723		25.006	296.2	0.228	
101	14.30	33.742						280.2	100	14.33	33.746		25.170	280.6	0.300	
132	13.01	33.682						259.5	125	13.33	33.692		25.333	265.0	0.369	
157	11.94	33.715						237.4	150	12.26	33.707		25.557	243.8	0.434	
182	10.59	33.690						215.9	200	10.25	33.770		25.970	204.6	0.548	
218	10.12	33.867						195.1	250	9.64	33.969		26.229	179.9	0.646	
283	9.07	34.022						167.2	300	8.72	34.011		26.409	162.8	0.735	
382	6.97	33.920						145.2	400	6.63	33.925		26.645	140.5	0.892	
482	5.38	33.769 U							500	5.20	33.962		26.852	120.8	1.028	
616	4.41	34.063						104.7	600	4.48	34.050		27.002	106.5	1.148	
771	3.90	34.244						86.1	700	4.08	34.168		27.138	93.6	1.254	
920	3.64	34.319						78.0	800	3.84	34.263		27.239	84.1	1.349	
1130	3.25	34.421						66.7	1000	3.49	34.359		27.349	73.6	1.521	

RV ALEXANDER AGASSIZ									CALCOFI CRUISE 7205							35139
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
35 00.0N	138 58.0W	4/29/72	0043	GMT	5267M	050	17KT	1	040	5	8					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
0	15.70	33.999						290.4	0	15.70	33.999		25.066	290.4	0.000	
10	15.73	33.996						291.3	10	15.73	33.996		25.057	291.3	0.029	
30	15.72	33.999						290.9	20	15.73	33.999		25.059	291.1	0.058	
56	15.96	34.201						281.3	30	15.72	33.999		25.062	290.9	0.087	
71	16.12	34.282						278.8	50	15.89	34.149		25.137	283.6	0.145	
86	15.93	34.295						273.8	75	16.08	34.286		25.199	277.8	0.216	
101	15.85	34.381						265.8	100	15.86	34.375		25.319	266.4	0.284	
131	13.71	34.101						242.2	125	14.24	34.174		25.517	247.6	0.350	
157	11.84	33.964						217.3	150	12.31	33.991		25.766	223.9	0.409	
182	10.66	33.936						198.9	200	10.30	33.967		26.114	190.8	0.515	
217	10.12	34.003						185.1	250	9.63	34.037		26.282	174.8	0.609	
282	9.15	34.047						166.5	300	8.84	34.041		26.414	162.4	0.696	
381	7.44	33.996						145.7	400	7.14	33.995		26.630	141.8	0.854	
482	5.95	34.001						126.4	500	5.71	34.000		26.821	123.8	0.993	
616	4.51	34.022						108.9	600	4.64	34.017		26.959	110.7	1.116	
770	4.01	34.202						90.3	700	4.16	34.116		27.089	98.3	1.227	
920	3.54	34.323						76.7	800	3.91	34.231		27.206	87.2	1.326	
1131	3.08	34.430						64.5	1000	3.34	34.373		27.375	71.1	1.499	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7205						35141	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
34 57.0N	141 00.0W	4/29/72	1217	GMT	5361M	100	16KT	1									
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
1	15.86	33.978	5.68	0.07	2.	0.00	0.0	295.4	0	15.86	33.978	5.68	25.014	295.4	0.000		
11	15.83	33.979	5.76	0.06	2.	0.00	0.0	294.7	10	15.83	33.980	5.75	25.021	294.7	0.030		
32	15.85	33.978	5.80	0.07	2.	0.00	0.0	295.2	20	15.84	33.980	5.78	25.019	294.9	0.059		
57	15.85	33.970	5.78	0.07	2.	0.01	0.0	295.8	30	15.85	33.979	5.80	25.017	295.1	0.089		
72	15.54	33.957	5.76	0.10	2.	0.01	0.0	290.1	50	15.85	33.973	5.79	25.012	295.6	0.148		
88	15.03	33.923	5.67	0.11	2.	0.01	0.0	281.9	75	15.44	33.952	5.74	25.086	288.5	0.221		
133	14.96	33.961	5.60	0.11	2.	0.01	0.2	277.7	100	15.01	33.928	5.65	25.163	281.2	0.293		
157	14.23	33.994	5.66	0.17	3.	0.01	0.9	260.4	125	14.97	33.951	5.61	25.189	278.7	0.364		
183	12.92	33.958	5.52	0.30	4.	0.01	2.2	237.5	150	14.49	33.988	5.65	25.321	266.1	0.433		
220	10.91	33.888	5.27	0.67	8.	0.01	8.4	206.7	200	11.94	33.918	5.41	25.780	222.6	0.558		
284	9.84	34.047	4.83	1.03	16.	0.00	14.4	177.3	250	10.22	33.956	5.07	26.119	190.3	0.663		
384	7.98	33.995	4.07	1.66	33.	0.00	23.3	133.3	300	9.54	34.049	4.72	26.307	172.5	0.757		
482	6.42	34.011						131.4	400	7.70	33.996	3.90	26.550	149.4	0.924		
616	4.87	34.022	1.67	2.79	83.	0.00	39.0	112.6	500	6.16	34.010	2.84	26.771	128.4	1.070		
770	4.33	34.194	0.79	3.14	104.	0.00	43.8	94.1	600	5.01	34.019	1.83	26.919	114.5	1.198		
920	3.96	34.356	0.59	3.26	122.	0.00	45.0	78.2	700	4.48	34.108	1.11	27.048	102.2	1.313		
1131	3.37	34.451	0.64	3.25	130.	0.00	45.2	65.5	800	4.25	34.231	0.75	27.170	90.6	1.416		
									1000	3.75	34.411	0.61	27.365	72.1	1.595		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						31127	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 00.0N	127 00.0W	4/21/72	0548	GMT	4688M	010	10KT										
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
									0	16.05	33.72		24.773	318.3	0.000		
									10	16.04	33.73		24.783	317.4	0.032		
									20	16.05	33.73		24.781	317.6	0.064		
									30	16.05	33.73		24.781	317.6	0.095		
									50	16.04	33.73		24.783	317.4	0.159		
									75	14.69	33.61		24.989	297.8	0.237		
									100	15.30	33.92		25.094	287.7	0.310		
									125	14.09	33.78		25.247	273.3	0.381		
									150	12.19	33.62		25.503	248.9	0.447		
									200	10.04	33.78		26.015	200.3	0.562		
									250	9.35	33.96		26.269	176.1	0.658		
									300	8.11	33.97		26.471	157.0	0.744		
									400	6.60	34.03		26.731	132.2	0.894		
									500	5.56	34.12		26.935	113.0	1.022		
									600	5.03	34.23		27.084	98.8	1.134		
									700	4.64	34.31		27.192	88.6	1.235		
									800	4.32	34.37		27.274	80.8	1.327		
									1000	3.70	34.46		27.410	67.9	1.492		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						31129	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 00.0N	129 00.0W	4/21/72	2230	GMT	3834M	040	13KT	2									
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
									0	16.59	33.87		24.764	319.2	0.000		
									10	16.58	33.88		24.774	318.2	0.032		
									20	16.58	33.88		24.774	318.2	0.064		
									30	16.58	33.88		24.774	318.2	0.096		
									50	16.59	33.89		24.779	317.7	0.159		
									75	16.63	33.94		24.809	315.0	0.239		
									100	16.74	34.17		24.959	300.6	0.317		
									125	16.29	34.09		25.002	296.5	0.392		
									150	14.93	33.94		25.191	278.6	0.465		
									200	11.49	33.66		25.665	233.5	0.595		
									250	9.70	33.87		26.142	188.2	0.703		
									300	8.62	33.98		26.401	163.6	0.794		
									400	7.04	34.06		26.695	135.6	0.949		
									500	6.01	34.12		26.879	118.2	1.082		
									600	5.39	34.23		27.042	102.8	1.200		
									700	4.79	34.31		27.175	90.2	1.303		
									800	4.39	34.37		27.266	81.5	1.397		
									1000	3.76	34.46		27.404	68.5	1.563		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						31129	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 00.0N	129 00.0W	4/21/72	2358	GMT	3834M	040	13KT	2									
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
2	16.49	33.848	6.03	0.25	2.	0.01	0.0	318.6	0	16.49	33.848	6.03	24.771	318.6	0.000		
12	16.50	33.848	5.91	0.23	2.	0.01	0.0	318.8	10	16.50	33.849	5.93	24.769	318.8	0.032		
31	16.51	33.849	5.92	0.20	2.	0.01	0.0	319.0	20	16.50	33.850	5.91	24.767	318.9	0.064		
54	16.53	33.853	5.92	0.19	2.	0.00	0.1	319.1	30	16.51	33.850	5.92	24.767	319.0	0.096		
69	16.52		5.92	0.20	2.	0.00	0.0		50	16.53	33.854	5.92	24.765	319.1	0.160		
83	16.53	33.962	5.93	0.18	2.	0.02	0.0	311.2	75	16.52	33.921	5.92	24.817	314.1	0.239		
97	16.43	34.016	6.03	0.17	2.	0.00	0.0	305.0	100	16.41	34.070	6.02	24.959	300.6	0.317		
127	16.27	34.088	5.80	0.18	2.	0.01	0.0	296.3	125	16.28	34.088	5.82	25.002	296.6	0.392		
150	15.56	34.054	5.63	0.25	3.	0.09	0.0	283.4	150	15.56	34.054	5.63	25.140	283.4	0.466		
175	13.31	33.750	5.53	0.46	4.	0.02	2.0	261.7	200	11.74	33.659	5.33	25.618	238.0	0.599		
208	11.34	33.667	5.25	0.76	8.	0.02	6.4	230.4	250	9.84	33.839	4.81	26.093	192.8	0.709		
270	9.36	33.942	4.55	1.35	21.	0.01	16.4	177.6	300	8.71	33.998	4.01	26.400	163.7	0.801		
368	7.63	34.039	2.76	2.19	45.	0.01	29.9	145.1	400	7.19	34.060	2.35	26.673	137.7	0.957		
466	6.42	34.097	1.66	2.73	66.	0.02	38.4	125.0	500	6.06	34.127	1.32	26.877	118.4	1.092		
598	5.23	34.216	0.60	3.16	91.	0.01	44.1	102.0	600	5.22	34.219	0.60	27.052	101.8	1.208		
749	4.57	34.329	0.48	3.35	102.	0.02	46.2	86.4	700	4.74	34.297	0.52	27.169	90.7	1.312		
896	4.04	34.415	0.62	3.31	103.	0.02	46.3	74.6	800	4.37	34.362	0.51	27.262	81.9	1.406		
1101	3.55	34.488	0.92	3.28	104.	0.01	46.0	64.4	1000	3.76	34.460	0.76	27.403	68.5	1.572		

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 31131

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES				
			NO2	NO3	DT		Z	T			S	O2	SIGT	DT	DD
31 01.0N	131 00.0W	4/22/72	0933		GMT	4507M	030	10KT							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.34	33.85		24.807	315.2	0.000
									10	16.34	33.86		24.814	314.4	0.031
									20	16.35	33.86		24.812	314.6	0.063
									30	16.35	33.86		24.812	314.6	0.095
									50	16.35	33.86		24.812	314.6	0.158
									75	15.82	33.90		24.963	300.2	0.235
									100	15.88	34.08		25.088	288.4	0.309
									125	15.99	34.17		25.132	284.2	0.382
									150	16.02	34.22		25.163	281.2	0.453
									200	13.19	33.84		25.478	251.3	0.589
									250	10.45	33.80		25.960	205.5	0.706
									300	9.34	33.97		26.279	175.2	0.804
									400	7.41	34.01		26.604	144.3	0.970
									500	6.28	34.03		26.773	128.2	1.112
									600	5.05	34.09		26.971	109.5	1.238
									700	4.54	34.20		27.115	95.8	1.347
									800	4.26	34.30		27.225	85.4	1.445
									1000	3.71	34.42		27.577	71.0	1.617

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 31133

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES				
			NO2	NO3	DT		Z	T			S	O2	SIGT	DT	DD
31 00.0N	133 00.0W	4/22/72	1925		GMT	4697M	010	2KT	1						
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.76	33.97		24.801	315.7	0.000
									10	16.73	33.97		24.808	315.0	0.032
									20	16.72	33.97		24.811	314.8	0.063
									30	16.72	33.97		24.811	314.8	0.095
									50	16.73	33.98		24.816	314.3	0.158
									75	17.06	34.31		24.991	297.6	0.235
									100	16.26	34.16		25.062	290.8	0.309
									125	16.54	34.30		25.105	286.7	0.382
									150	14.44	33.92		25.281	270.0	0.453
									200	11.04	33.69		25.770	223.5	0.578
									250	9.51	33.87		26.173	185.2	0.683
									300	8.55	33.97		26.404	163.3	0.772
									400	6.91	34.03		26.689	136.2	0.928
									500	5.87	34.10		26.880	118.1	1.061
									600	5.16	34.19		27.037	103.2	1.178
									700	4.74	34.28		27.157	91.9	1.283
									800	4.34	34.35		27.256	82.5	1.378
									1000	3.77	34.46		27.403	68.6	1.545

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 31135

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES				
			NO2	NO3	DT		Z	T			S	O2	SIGT	DT	DD
31 00.0N	135 00.0W	4/23/72	0707		GMT	4327M	220	14KT							
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	16.75	34.16		24.949	301.6	0.000
									10	16.76	34.17		24.954	301.1	0.030
									20	16.73	34.17		24.961	300.4	0.060
									30	16.71	34.17		24.966	300.0	0.090
									50	16.66	34.19		24.993	297.4	0.150
									75	16.51	34.30		25.112	286.1	0.224
									100	16.80	34.52		25.213	276.5	0.295
									125	16.60	34.58		25.305	267.6	0.364
									150	16.39	34.58		25.354	263.0	0.431
									200	13.57	34.08		25.586	241.0	0.560
									250	10.78	34.03		26.080	194.0	0.671
									300	9.83	34.07		26.276	175.5	0.766
									400	7.58	33.99		26.564	148.1	0.934
									500	5.88	34.01		26.808	124.9	1.077
									600	5.03	34.09		26.973	109.3	1.201
									700	4.79	34.24		27.119	95.4	1.310
									800	4.31	34.32		27.235	84.4	1.408
									1000	3.79	34.44		27.385	70.3	1.579

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 31137

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES				
			NO2	NO3	DT		Z	T			S	O2	SIGT	DT	DD
31 00.0N	137 00.0W	4/23/72	2250		GMT	4889M	310	10KT	5						
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	17.18	34.23		24.901	306.2	0.000
									10	17.16	34.24		24.913	305.0	0.031
									20	17.15	34.24		24.916	304.7	0.061
									30	17.14	34.25		24.926	303.8	0.092
									50	17.13	34.25		24.928	303.6	0.153
									75	16.69	34.43		25.169	280.6	0.226
									100	16.75	34.55		25.247	273.2	0.296
									125	16.39	34.52		25.308	267.4	0.364
									150	16.46	34.61		25.361	262.4	0.432
									200	13.36	34.09		25.636	236.2	0.559
									250	11.23	33.97		25.953	206.1	0.672
									300	9.45	33.98		26.269	176.1	0.771
									400	7.47	33.99		26.580	146.6	0.938
									500	6.09	34.02		26.790	126.7	1.081
									600	5.08	34.10		26.975	109.1	1.206
									700	4.77	34.23		27.114	96.0	1.315
									800	4.58	34.33		27.214	86.4	1.414
									1000	3.87	34.44		27.377	71.0	1.589

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205											31137
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 00.0N	137 00.0W	4/24/72		0030	GMT		4889M	310	10KT	5	300	5	6				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD		
1	17.07	34.187	5.72	0.10	2.	0.01	0.0	306.8	0	17.07	34.187	5.72	24.894	306.8	0.000		
11	17.01	34.189	5.72	0.10	2.	0.01	0.0	305.3	10	17.01	34.190	5.72	24.909	305.4	0.031		
31	17.00	34.201	5.71	0.11	2.	0.01	0.0	304.2	20	17.01	34.192	5.72	24.913	305.0	0.061		
56	17.09	34.370	5.72	0.11	2.	0.00	0.0	293.9	30	17.00	34.201	5.71	24.920	304.3	0.092		
71	16.72		5.73	0.11	2.	0.01	0.0		50	17.07	34.322	5.72	24.997	297.0	0.152		
86	16.70	34.472	5.67	0.10	2.	0.00	0.0	277.7	75	16.71	34.402	5.72	25.141	283.2	0.225		
101	16.70	34.523	5.63	0.09	2.	0.00	0.0	274.0	100	16.70	34.521	5.63	25.236	274.2	0.295		
131	16.48	34.559	5.61	0.10	3.	0.03	0.0	266.5	125	16.53	34.556	5.61	25.304	267.8	0.364		
156	16.47	34.509	5.57	0.11	3.	0.07	0.0	264.1	150	16.47	34.581	5.58	25.335	264.8	0.432		
180	15.68	34.472	5.40	0.23	3.	0.02	0.2	255.5	200	14.28	34.254	5.34	25.572	242.3	0.561		
215	13.12	34.099	5.31	0.46	5.	0.01	2.6	231.0	250	11.32	34.001	5.11	25.959	205.5	0.676		
278	10.26	34.006	4.89	1.02	15.	0.00	12.5	187.1	300	9.61	34.001	4.71	26.258	177.1	0.775		
376	7.99	34.003	3.91	1.73	35.	0.00	23.5	152.8	400	7.52	34.003	3.52	26.581	146.5	0.943		
472	6.35	34.010	2.34	2.48	59.	0.00	35.0	130.6	500	6.00	34.025	2.00	26.804	125.4	1.085		
602	5.11	34.103	1.06	2.98	85.	0.00	41.8	109.2	600	5.12	34.102	1.07	26.972	109.4	1.209		
751	4.69	34.291	0.34	3.26	105.	0.00	45.9	90.5	700	4.78	34.228	0.50	27.110	96.3	1.319		
897	4.15	34.399	0.41	3.32	119.	0.00	46.8	76.9	800	4.51	34.335	0.36	27.225	85.4	1.417		
1104	3.59	34.472	0.75	3.23	151.	0.00	45.4	65.9	1000	3.84	34.448	0.54	27.385	70.2	1.590		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205											31139
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 00.0N	139 00.0W	4/24/72		1342	GMT		4121M	030	10KT	1	010	8	8				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD		
0	17.47	34.69											25.183	279.3	0.000		
10	17.47	34.70											25.191	278.5	0.028		
20	17.48	34.70											25.188	278.8	0.056		
30	17.48	34.70											25.188	278.8	0.084		
50	17.48	34.70											25.188	278.8	0.140		
75	17.18	34.72											25.276	270.5	0.209		
100	16.62	34.66											25.362	262.3	0.276		
125	16.53	34.69											25.406	258.1	0.342		
150	15.83	34.58											25.482	250.8	0.407		
200	12.30	34.01											25.784	222.2	0.527		
250	10.87	34.00											26.041	197.7	0.635		
300	9.63	34.05											26.293	173.8	0.731		
400	7.55	33.98											26.561	148.4	0.898		
500	6.02	33.98											26.767	128.8	1.043		
600	4.91	34.06											26.963	110.2	1.169		
700	4.44	34.16											27.095	97.8	1.280		
800	4.10	34.26											27.210	86.8	1.379		
1000	3.61	34.43											27.395	69.3	1.551		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205											31141
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 00.0N	141 00.0W	4/25/72		0207	GMT		4793M	330	12KT	1	020	8	8				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD		
0	18.09	34.84											25.146	282.8	0.000		
10	18.08	34.84											25.149	282.5	0.028		
20	17.95	34.83											25.173	280.2	0.056		
30	17.94	34.84											25.183	279.2	0.085		
50	17.90	34.84											25.193	278.3	0.141		
75	17.58	34.88											25.302	268.0	0.209		
100	17.37	34.89											25.360	262.4	0.276		
125	17.13	34.84											25.379	260.6	0.343		
150	15.84	34.64											25.526	246.6	0.407		
200	12.39	34.22											25.929	208.4	0.523		
250	11.07	34.16											26.130	189.3	0.625		
300	10.12	34.11											26.258	177.2	0.720		
400	8.34	34.04											26.491	155.0	0.893		
500	6.56	33.96											26.682	136.9	1.046		
600	5.11	33.98											26.877	118.4	1.180		
700	4.52	34.10											27.038	103.1	1.298		
800	4.13	34.21											27.167	90.9	1.402		
1000	3.65	34.41											27.375	71.2	1.579		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205											31143
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 00.0N	143 00.0W	4/25/72		1429	GMT		4889M	280	10KT	1	110	6	7				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD		
0	18.10	34.89											25.182	279.4	0.000		
10	18.11	34.91											25.195	278.1	0.028		
20	18.11	34.91											25.195	278.1	0.056		
30	18.10	34.91											25.197	277.9	0.084		
50	18.10	34.91											25.197	277.9	0.139		
75	18.02	34.99											25.278	270.2	0.209		
100	17.55	34.96											25.370	261.5	0.276		
125	16.91	34.81											25.409	257.8	0.342		
150	15.10	34.47											25.561	243.4	0.405		
200	12.34	34.19											25.915	209.7	0.521		
250	11.55	34.21											26.080	194.0	0.624		
300	10.45	34.17											26.247	178.1	0.721		
400	8.56	34.06											26.473	156.8	0.895		
500	6.48	33.97											26.700	135.2	1.048		
600	5.03	33.99											26.894	116.8	1.181		
700	4.38	34.10											27.054	101.7	1.296		
800	4.01	34.21											27.180	89.7	1.399		
1000	3.65	34.40											27.367	71.9	1.576		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						31145
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
31 00.0N			145 00.0W			4/26/72		0105 GMT		5661M	300	13KT	1	100 4 5		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD	
0									0	19.04	35.27		25.255	274.2	0.000	
10									10	19.05	35.28		25.246	273.3	0.027	
20									20	19.01	35.28		25.251	272.8	0.055	
30									30	18.97	35.28		25.261	271.8	0.082	
50									50	18.96	35.28		25.264	271.6	0.137	
75									75	18.95	35.28		25.266	271.3	0.205	
100									100	18.93	35.28		25.271	270.8	0.274	
125									125	18.98	35.21		25.306	267.5	0.342	
150									150	17.30	34.96		25.430	255.7	0.408	
200									200	13.64	34.35		25.779	222.6	0.531	
250									250	11.90	34.22		26.023	199.5	0.639	
300									300	11.09	34.19		26.149	187.5	0.739	
400									400	9.32	34.10		26.383	165.2	0.923	
500									500	7.16	33.98		26.616	143.2	1.085	
600									600	5.45	33.97		26.829	122.9	1.225	
700									700	4.55	34.06		27.004	106.4	1.347	
800									800	4.11	34.18		27.146	92.9	1.453	
1000									1000	3.57	34.37		27.351	73.4	1.635	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						31145
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
31 00.0N			145 00.0W			4/26/72		0249 GMT		5661M	300	13KT	1	100 4 5		
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD	
2	19.01	35.223	5.49	0.03	2.	0.00	0.0	276.9	0	19.01	35.223	5.49	25.207	276.9	0.000	
12	19.01	35.222	5.47	0.01	2.	0.00	0.0	277.0	10	19.01	35.222	5.47	25.207	277.0	0.028	
32	18.98	35.222	5.48	0.01	2.	0.00	0.0	276.3	20	19.00	35.222	5.47	25.209	276.8	0.055	
56	18.95	35.218	5.50	0.01	2.	0.00	0.0	275.8	30	18.98	35.222	5.48	25.213	276.4	0.083	
71	18.94		5.47	0.01	2.	0.00	0.0		50	18.96	35.218	5.50	25.218	275.9	0.139	
84	18.93	35.221	5.50	0.01	2.	0.00	0.0	275.1	75	18.94	35.221	5.48	25.225	275.2	0.208	
100	18.95	35.219	5.46	0.03	2.	0.00	0.0	275.8	100	18.95	35.219	5.46	25.220	275.8	0.278	
128	18.81	35.201	5.42	0.03	2.	0.00	0.0	273.7	125	18.83	35.203	5.42	25.239	273.9	0.347	
152	17.77	35.007	5.18	0.14	3.	0.04	1.0	263.1	150	17.90	35.030	5.20	25.339	264.4	0.416	
176	15.54	34.636	5.21	0.29	4.	0.02	2.6	240.5	200	13.82	34.385	5.25	25.769	223.6	0.541	
209	13.31	34.319	5.26	0.49	7.	0.01	5.7	218.5	250	12.08	34.242	5.20	26.005	201.2	0.650	
269	11.79	34.249	5.15	0.72	10.	0.01	9.9	195.4	300	11.19	34.224	5.13	26.156	186.8	0.750	
361	10.09	34.165	4.99	1.07	19.	0.01	16.8	172.6	400	9.22	34.111	4.71	26.407	163.0	0.932	
453	8.04	34.043	4.22	1.64	36.	0.01	22.6	150.5	500	7.12	34.001	3.78	26.637	141.2	1.092	
575	5.88	33.974	3.02	2.33	62.	0.00	32.9	127.6	600	5.55	33.987	2.69	26.829	122.9	1.231	
717	4.44	34.092	1.30	3.01	99.	0.00	42.5	102.9	700	4.56	34.073	1.49	27.012	105.6	1.353	
858	3.84	34.248	0.59	3.26	125.	0.00	45.8	85.2	800	4.02	34.185	0.79	27.159	91.7	1.458	
1062	3.50	34.415	0.64	3.30	138.	0.00	46.4	69.4	1000	3.54	34.373	0.62	27.356	73.0	1.638	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						27125
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 00.0N			125 00.0W			5/ 2/72		0916 GMT		4602M	060	5KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD	
0									0	15.91	33.57		24.690	326.3	0.000	
10									10	15.86	33.56		24.694	325.9	0.033	
20									20	15.75	33.56		24.718	323.6	0.065	
30									30	15.73	33.56		24.723	323.2	0.098	
50									50	15.70	33.56		24.730	322.5	0.162	
75									75	14.80	33.49		24.873	308.8	0.242	
100									100	13.91	33.43		25.015	295.4	0.318	
125									125	13.40	33.47		25.150	282.5	0.391	
150									150	12.27	33.51		25.403	258.4	0.459	
200									200	10.07	33.71		25.955	205.9	0.577	
250									250	9.08	34.00		26.344	169.0	0.673	
300									300	8.15	34.10		26.567	147.9	0.755	
400									400	6.64	34.17		26.836	122.3	0.896	
500									500	6.12	34.26		26.975	109.1	1.018	
600									600	5.51	34.36		27.130	94.4	1.126	
700									700	5.01	34.41		27.229	85.0	1.224	
800									800	4.63	34.46		27.311	77.2	1.313	
1000									1000	3.92	34.51		27.427	66.2	1.474	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						27125
LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 00.0N			125 00.0W			5/ 2/72		1053 GMT		4602M	060	5KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S16T	DT	DD	
0	15.92	33.569	5.96	0.28	2.	0.02	0.0	326.6	0	15.92	33.569	5.96	24.687	326.6	0.000	
10	15.87	33.567	5.94	0.27	2.	0.00	0.0	325.6	10	15.87	33.567	5.94	24.697	325.6	0.035	
30	15.72	33.554	6.01	0.28	2.	0.00	0.0	323.4	20	15.81	33.563	5.97	24.706	324.7	0.065	
55	15.36	33.543	6.08	0.27	2.	0.00	0.0	318.2	30	15.72	33.554	6.01	24.720	323.4	0.098	
70	14.91	33.530	6.11	0.27	2.	0.00	0.0	308.2	50	15.46	33.547	6.07	24.772	318.5	0.162	
85	14.35	33.458	6.16	0.32	2.	0.00	0.0	302.1	75	14.72	33.509	6.13	24.903	306.0	0.241	
100	13.93	33.431	6.09	0.33	4.	0.00	0.0	295.7	100	13.93	33.431	6.09	25.011	295.7	0.316	
130	12.99	33.505	5.74	0.47	4.	0.03	2.5	272.1	125	13.19	33.490	5.82	25.206	277.2	0.389	
154	11.37	33.541	5.29	0.87	9.	0.01	7.9	240.2	150	11.64	33.534	5.38	25.537	245.7	0.455	
179	10.38	33.663	4.61	1.24	15.	0.00	14.3	214.5	200	9.74	33.781	4.34	26.064	195.5	0.567	
213	9.42	33.849	4.22	1.56	22.	0.01	19.0	185.4	250	8.85	33.990	3.57	26.372	166.3	0.660	
277	8.55	34.054	3.06	2.08	38.	0.01	27.4	157.1	300	8.17	34.078	2.74	26.545	149.9	0.741	
375	7.04	34.108	1.85	2.65	58.	0.00	37.3	132.1	400	6.79	34.135	1.56	26.788	126.8	0.885	
472	6.24	34.214	0.87	3.04	74.	0.00	41.5	114.0	500	6.09	34.243	0.79	26.965	110.0	1.010	
602	5.62	34.327	0.51	3.25	90.	0.01	44.6	98.1	600	5.63	34.326	0.52	27.088	98.3	1.121	
752	4.87	34.402	0.57	3.37	95.	0.02	46.6	84.1	700	5.12	34.381	0.55	27.193	88.4	1.222	
898	4.41	34.454	0.66	3.32	105.	0.00	46.3	75.4	800	4.70	34.422	0.59	27.273	80.9	1.315	
1106	3.76	34.500	1.02	3.29	122.	0.01	45.6	65.4	1000	4.09	34.482	0.80	27.386	70.1	1.484	

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 27127

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
27 00.0N	126 59.9W	5/ 1/72	2301	GMT	4507M	030	10KT	1	020	4	5				
Z	T	S	Q2	P04	S103	NO2	NO3	DT	Z	T	S	Q2	S16T	DT	DD
0	17.34	34.07											24.740	321.4	0.000
10	17.24	34.08											24.772	318.4	0.032
20	17.12	34.09											24.808	315.0	0.064
30	17.10	34.10											24.821	313.8	0.095
50	17.11	34.11											24.826	313.3	0.158
75	17.12	34.12											24.831	312.8	0.237
100	17.25	34.35											24.976	299.0	0.314
125	17.19	34.42											25.044	292.5	0.389
150	16.94	34.46											25.134	284.0	0.462
200	12.26	33.83											25.652	234.7	0.594
250	9.21	33.89											26.237	179.1	0.700
300	8.43	34.00											26.446	159.3	0.787
400	6.59	34.02											26.725	132.8	0.939
500	5.54	34.15											26.961	110.5	1.066
600	5.11	34.27											27.106	96.6	1.176
700	4.66	34.36											27.229	85.0	1.274
800	4.33	34.43											27.320	76.3	1.363
1000	3.85	34.52											27.442	64.8	1.520

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 27129

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
27 00.0N	129 00.0W	5/ 1/72	1214	GMT	4410M	020	12KT								
Z	T	S	Q2	P04	S103	NO2	NO3	DT	Z	T	S	Q2	S16T	DT	DD
0	17.86	34.38											24.852	310.8	0.000
10	17.86	34.38											24.852	310.8	0.031
20	17.86	34.38											24.852	310.8	0.062
30	17.87	34.39											24.857	310.3	0.093
50	17.88	34.40											24.862	309.8	0.156
75	17.89	34.41											24.867	309.3	0.234
100	17.53	34.49											25.016	295.2	0.310
125	16.65	34.44											25.187	279.0	0.383
150	15.27	34.17											25.293	268.8	0.452
200	11.65	33.82											25.760	224.5	0.578
250	9.85	33.96											26.187	183.9	0.682
300	8.66	34.02											26.426	161.2	0.771
400	6.69	34.05											26.735	131.9	0.923
500	5.64	34.13											26.933	113.1	1.052
600	5.12	34.26											27.097	97.5	1.164
700	4.73	34.36											27.221	85.8	1.262
800	4.36	34.44											27.325	75.9	1.351
1000	3.84	34.52											27.443	64.7	1.508

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 27131

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
27 00.0N	131 00.0W	5/ 1/72	0155	GMT	4889M	040	16KT	2	040	6	5				
Z	T	S	Q2	P04	S103	NO2	NO3	DT	Z	T	S	Q2	S16T	DT	DD
0	17.73	34.38											24.883	307.8	0.000
10	17.73	34.39											24.891	307.1	0.031
20	17.73	34.39											24.891	307.1	0.062
30	17.74	34.39											24.889	307.3	0.092
50	17.70	34.39											24.898	306.4	0.154
75	17.50	34.49											25.023	294.5	0.230
100	17.35	34.53											25.090	288.2	0.303
125	17.49	34.76											25.232	274.6	0.374
150	17.53	34.93											25.352	263.2	0.443
200	12.48	33.97											25.718	228.4	0.568
250	10.33	33.94											26.089	193.2	0.676
300	9.06	34.01											26.355	167.9	0.769
400	7.41	34.10											26.675	137.6	0.928
500	6.15	34.15											26.884	117.7	1.062
600	5.20	34.23											27.064	100.6	1.178
700	4.74	34.33											27.196	88.1	1.280
800	4.52	34.43											27.300	78.3	1.371
1000	3.94	34.52											27.433	65.7	1.532

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 27133

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
27 00.0N	133 01.0W	4/30/72	1321	GMT	4697M	070	22KT		070	7	6				
Z	T	S	Q2	P04	S103	NO2	NO3	DT	Z	T	S	Q2	S16T	DT	DD
0	18.12	34.42											24.818	314.0	0.000
10	18.13	34.43											24.824	313.5	0.031
20	18.13	34.43											24.824	313.5	0.063
30	18.13	34.44											24.831	312.8	0.094
50	18.14	34.46											24.844	311.6	0.157
75	18.21	34.57											24.911	305.2	0.235
100	18.00	34.62											25.000	296.7	0.310
125	17.99	34.70											25.064	290.6	0.385
150	18.11	34.75											25.073	289.8	0.458
200	14.08	34.09											25.488	250.3	0.596
250	11.58	33.94											25.866	214.4	0.715
300	9.41	33.98											26.275	175.5	0.816
400	7.24	34.03											26.644	140.5	0.980
500	5.95	34.10											26.871	119.0	1.116
600	5.14	34.21											27.055	101.5	1.233
700	4.65	34.32											27.198	87.9	1.334
800	4.43	34.41											27.294	78.9	1.425
1000	3.94	34.52											27.433	65.7	1.587

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						27133
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
27 00.0N		133 01.0W		4/30/72		1447 GMT			4697M	070	22KT		070	7	6	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
1	18.08	34.384	5.68	0.20	1.	0.02	0.0	315.7	0	18.08	34.384	5.68	24.801	315.7	0.000	
11	18.08	34.383	5.72	0.18	1.	0.00	0.0	315.7	10	18.08	34.384	5.72	24.800	315.7	0.032	
32	18.09	34.384	5.69	0.18	1.	0.00	0.0	315.9	20	18.08	34.384	5.71	24.799	315.8	0.063	
57	18.13	34.392	5.68	0.16	1.	0.00	0.0	316.3	30	18.09	34.384	5.69	24.798	315.9	0.095	
70	18.22	34.489	5.67	0.15	1.	0.00	0.0	311.3	50	18.12	34.390	5.68	24.796	316.2	0.158	
86	18.17	34.580	5.64	0.20	2.	0.00	0.0	303.5	75	18.20	34.518	5.67	24.872	308.9	0.237	
100	17.78	34.526	5.56	0.14	1.	0.00	0.0	298.4	100	17.78	34.526	5.56	24.983	298.4	0.314	
130	18.14	34.721	5.38	0.15	2.	0.00	0.0	292.6	125	18.04	34.678	5.41	25.035	293.3	0.389	
154	18.16	34.793	5.30	0.17	2.	0.00	0.0	287.8	150	18.16	34.777	5.32	25.082	288.9	0.462	
180	16.75	34.541	5.09	0.13	1.	0.06	0.0	273.8	200	14.77	34.214	4.85	25.435	255.3	0.601	
215	13.23	34.005	4.63	0.22	2.	0.02	0.4	240.0	250	11.26	33.937	4.02	25.921	209.2	0.720	
278	10.29	33.998	3.49	0.56	6.	0.00	4.5	188.2	300	9.58	33.999	3.05	26.261	176.8	0.820	
376	7.78	34.006	1.87	1.14	17.	0.00	15.5	149.6	400	7.30	34.022	1.86	26.627	142.1	0.985	
474	6.14	34.079	1.83	1.92	39.	0.00	26.9	122.9	500	5.86	34.101	1.62	26.882	118.0	1.121	
606	5.10	34.192	0.67	2.69	64.	0.00	38.5	102.4	600	5.13	34.188	0.73	27.039	103.1	1.239	
756	4.50	34.348	0.45	3.26	110.	0.00	45.6	84.3	700	4.67	34.293	0.53	27.174	90.3	1.342	
902	4.17	34.446	0.63	3.26	114.	0.00	45.8	73.5	800	4.39	34.384	0.48	27.277	80.5	1.435	
1107	3.70	34.504	0.88	3.24	127.	0.00	45.6	64.6	1000	3.95	34.486	0.75	27.405	68.3	1.601	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						27135
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
27 00.0N		135 00.0W		4/30/72		0011 GMT			4602M	050	20KT	2	070	6	6	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	19.11	34.83		24.882	307.9	0.000	
									10	19.11	34.84		24.890	307.2	0.031	
									20	19.11	34.84		24.890	307.2	0.062	
									30	19.11	34.84		24.890	307.2	0.092	
									50	19.12	34.84		24.888	307.4	0.154	
									75	19.02	34.82		24.898	306.4	0.231	
									100	18.10	34.72		25.052	291.7	0.307	
									125	17.94	34.84		25.183	279.2	0.379	
									150	16.97	34.61		25.241	273.7	0.449	
									200	13.32	34.06		25.621	237.7	0.580	
									250	10.23	33.92		26.091	193.0	0.690	
									300	9.11	34.02		26.355	167.9	0.783	
									400	6.96	34.01		26.667	138.3	0.942	
									500	5.70	34.11		26.909	115.3	1.075	
									600	5.12	34.24		27.081	99.0	1.189	
									700	4.76	34.34		27.202	87.6	1.289	
									800	4.48	34.43		27.304	77.9	1.380	
									1000	3.94	34.50		27.417	67.2	1.542	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						27137
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
27 00.0N		137 00.0W		4/29/72		1204 GMT			4889M	070	22KT		070	6	6	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	19.04	34.79		24.870	309.1	0.000	
									10	19.04	34.80		24.877	308.3	0.031	
									20	19.04	34.80		24.877	308.3	0.062	
									30	19.04	34.80		24.877	308.3	0.093	
									50	18.91	34.79		24.903	305.9	0.154	
									75	17.90	34.63		25.033	293.6	0.230	
									100	17.65	34.73		25.170	280.5	0.302	
									125	17.56	34.81		25.253	272.6	0.372	
									150	16.62	34.60		25.316	266.6	0.441	
									200	12.51	33.97		25.712	229.0	0.567	
									250	10.51	33.96		26.074	194.7	0.676	
									300	9.00	34.02		26.372	166.3	0.769	
									400	7.16	34.01		26.639	141.0	0.928	
									500	5.66	34.05		26.867	119.4	1.065	
									600	5.06	34.21		27.065	100.6	1.181	
									700	4.70	34.34		27.209	87.0	1.282	
									800	4.39	34.41		27.298	78.5	1.372	
									1000	3.87	34.50		27.424	66.5	1.534	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						27139
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
27 00.0N		139 00.0W		4/28/72		2350 GMT			4697M	080	21KT	1	080	6	5	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	19.89	34.85		24.696	325.6	0.000	
									10	19.88	34.85		24.698	325.4	0.033	
									20	19.82	34.86		24.722	323.2	0.065	
									30	19.64	34.87		24.776	318.0	0.097	
									50	18.79	34.89		25.009	295.8	0.159	
									75	18.64	35.02		25.146	282.7	0.232	
									100	18.30	35.02		25.232	274.6	0.302	
									125	18.05	34.98		25.263	271.6	0.371	
									150	18.21	35.12		25.330	265.2	0.440	
									200	17.52	35.00		25.408	257.9	0.573	
									250	12.99	34.17		25.772	223.3	0.697	
									300	10.33	34.06		26.183	184.3	0.802	
									400	7.58	34.01		26.580	146.6	0.974	
									500	6.09	34.09		26.845	121.5	1.114	
									600	5.16	34.13		26.990	107.7	1.236	
									700	4.71	34.26		27.144	93.1	1.343	
									800	4.26	34.37		27.280	80.1	1.437	
									1000	3.80	34.50		27.431	65.8	1.599	

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

27141

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 00.0N		141 00.0W		4/28/72		1010 GMT			4697M	080	25KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	19.84	35.13		24.922	304.1	0.000
									10	19.87	35.15		24.929	303.4	0.030
									20	19.86	35.15		24.932	303.2	0.061
									30	19.86	35.15		24.932	303.2	0.091
									50	19.91	35.18		24.941	302.2	0.152
									75	19.87	35.23		24.990	297.6	0.228
									100	19.13	35.18		25.144	283.0	0.301
									125	18.94	35.19		25.200	277.6	0.372
									150	18.66	35.16		25.248	273.0	0.442
									200	16.77	34.77		25.411	257.6	0.577
									250	13.57	34.30		25.755	224.9	0.701
									300	11.14	34.11		26.078	194.2	0.810
									400	8.45	34.03		26.466	157.4	0.992
									500	6.61	34.01		26.714	133.8	1.145
									600	5.27	34.09		26.945	111.9	1.275
									700	4.74	34.20		27.093	97.9	1.387
									800	4.33	34.31		27.225	85.4	1.486
									1000	3.81	34.46		27.399	68.9	1.657

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

27141

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 00.0N		141 00.0W		4/28/72		1135 GMT			4697M	080	25KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	19.83	35.098	5.55	24.900	306.2	0.000
									10	19.84	35.100	5.46	24.899	306.3	0.031
									20	19.85	35.099	5.48	24.897	306.5	0.061
									30	19.85	35.100	5.50	24.896	306.6	0.092
									50	19.89	35.112	5.48	24.896	306.6	0.154
									75	19.69	35.136	5.47	24.966	299.9	0.230
									100	19.29	35.173	5.38	25.097	287.5	0.304
									125	18.87	35.105	5.42	25.153	282.1	0.376
									150	18.84	35.142	5.21	25.190	278.6	0.448
									200	17.50	34.888	5.22	25.328	265.4	0.587
									250	13.98	34.368	4.86	25.721	228.1	0.713
									300	11.20	34.123	4.68	26.076	194.4	0.822
									400	8.40	34.035	4.23	26.477	156.4	1.005
									500	6.69	34.026	2.91	26.716	133.7	1.157
									600	5.26	34.093	1.48	26.948	111.7	1.287
									700	4.67	34.205	0.82	27.105	96.8	1.398
									800	4.30	34.312	0.73	27.230	85.0	1.496
									1000	3.77	34.458	0.98	27.400	68.8	1.666

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

27143

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 00.0N		143 08.5W		4/27/72		2135 GMT			4697M	050	22KT	1		040 5 5	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	20.51	35.23		24.820	313.8	0.000
									10	20.51	35.24		24.828	313.0	0.031
									20	20.50	35.24		24.831	312.8	0.063
									30	20.50	35.24		24.831	312.8	0.094
									50	20.28	35.29		24.927	303.6	0.156
									75	19.67	35.28		25.080	289.0	0.231
									100	19.07	35.23		25.197	277.9	0.302
									125	18.34	35.04		25.237	274.1	0.372
									150	17.08	34.83		25.383	260.2	0.440
									200	13.97	34.38		25.734	226.9	0.565
									250	11.94	34.17		25.976	203.9	0.675
									300	10.52	34.11		26.189	183.7	0.775
									400	7.92	33.99		26.515	152.8	0.950
									500	6.16	34.01		26.773	128.3	1.097
									600	5.16	34.12		26.982	108.4	1.222
									700	4.58	34.23		27.135	93.9	1.330
									800	4.21	34.33		27.254	82.6	1.426
									1000	3.71	34.48		27.425	66.5	1.591

RV DAVID STARR JORDAN CALCOFI CRUISE 7205

27145

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 00.0N		144 58.0W		4/27/72		0715 GMT			5080M	090	16KT				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	20.42	35.37		24.951	301.3	0.000
									10	20.42	35.38		24.958	300.6	0.030
									20	20.41	35.38		24.961	300.4	0.060
									30	20.27	35.37		24.991	297.5	0.090
									50	20.08	35.36		25.034	293.5	0.150
									75	20.04	35.37		25.052	291.7	0.223
									100	19.57	35.32		25.137	283.6	0.296
									125	19.03	35.26		25.230	274.7	0.367
									150	18.04	35.08		25.342	264.1	0.435
									200	15.31	34.49		25.530	246.3	0.566
									250	13.00	34.28		25.855	215.4	0.684
									300	10.95	34.14		26.136	188.8	0.789
									400	8.57	34.03		26.448	159.1	0.969
									500	6.64	33.99		26.694	135.7	1.124
									600	5.21	34.08		26.945	112.0	1.255
									700	4.61	34.22		27.124	95.0	1.365
									800	4.30	34.33		27.244	83.6	1.462
									1000	3.69	34.45		27.403	68.5	1.630

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					24119	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	119 00.0W	5/15/72		2038 GMT			4313M	350	9KT	1	350 3 4					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD	
									0	18.28	33.88		24.367	357.0	0.000	
									10	17.90	33.85		24.437	350.3	0.035	
									20	17.70	33.85		24.486	345.7	0.070	
									30	17.56	33.84		24.512	343.2	0.105	
									50	16.99	33.82		24.632	331.7	0.173	
									75	15.82	33.67		24.787	317.0	0.254	
									100	13.59	33.51		25.142	283.2	0.330	
									125	11.61	33.58		25.581	241.5	0.396	
									150	11.18	33.98		25.970	204.5	0.453	
									200	10.61	34.33		26.344	169.0	0.548	
									250	10.25	34.48		26.523	151.9	0.631	
									300	9.57	34.52		26.670	138.0	0.706	
									400	8.03	34.43		26.843	121.6	0.842	
									500	6.95	34.45		27.014	105.4	0.963	
									600	6.15	34.45		27.121	95.3	1.072	
									700	5.58	34.47		27.208	87.0	1.171	
									800	5.05	34.49		27.287	79.5	1.264	
									1000	4.19	34.51		27.399	68.9	1.431	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					24119	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	119 00.0W	5/15/72		2146 GMT			4313M	350	9KT	1	350 3 4					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD	
0	18.39	33.887	5.73	0.23	2.	0.01	0.0	359.1	0	18.39	33.887	5.73	24.345	359.1	0.000	
10	17.96	33.883	5.83	0.22	2.	0.00	0.0	349.3	10	17.96	33.883	5.83	24.448	349.3	0.035	
29	17.64	33.847	5.77	0.22	2.	0.01	0.0	344.5	20	17.75	33.867	5.81	24.487	345.6	0.070	
53	17.35	33.821	5.85	0.22	2.	0.01	0.0	339.8	30	17.63	33.847	5.77	24.500	344.3	0.105	
67	16.50	33.767	5.98	0.21	2.	0.00	0.0	324.7	50	17.39	33.826	5.84	24.542	340.4	0.174	
82	15.71	33.666	6.03	0.24	2.	0.00	0.1	315.0	75	16.09	33.718	6.01	24.761	319.5	0.257	
96	14.64	33.568	5.89	0.31	3.	0.00	0.0	299.9	100	14.26	33.567	5.82	25.047	292.3	0.334	
125	12.15	33.565	5.07	0.75	7.	0.03	6.7	252.2	125	12.15	33.565	5.07	25.468	252.2	0.402	
148	11.21	33.835	3.87	1.35	16.	0.01	13.9	215.7	150	11.22	33.871	3.71	25.877	213.3	0.461	
172	11.31	34.180	2.09	2.06	27.	0.00	24.3	192.0	200	10.73	34.273	1.82	26.278	175.2	0.561	
205	10.60	34.274	1.77	2.28	32.	0.00	26.9	173.0	250	10.34	34.459	0.84	26.492	154.9	0.646	
266	10.29	34.514	0.52	2.74	41.	0.00	28.0	150.1	300	9.79	34.522	0.47	26.634	141.4	0.723	
358	8.75	34.455	0.39	2.94	51.	0.00	34.3	130.2	400	8.04	34.414	0.38	26.828	123.0	0.862	
451	7.29	34.379	0.36	3.06	64.	0.00	38.3	115.2	500	6.87	34.403	0.27	26.987	108.0	0.984	
575	6.43	34.456	0.15	3.29	78.	0.00	45.2	98.3	600	6.25	34.463	0.16	27.117	95.6	1.094	
719	5.46	34.478	0.21	3.34	93.	0.00	45.8	85.0	700	5.58	34.478	0.20	27.214	86.4	1.194	
861	4.70	34.495	0.39	3.36	105.	0.00	46.4	75.3	800	5.00	34.489	0.31	27.291	79.1	1.286	
1064	4.01	34.524	0.59	3.36	123.	0.00	46.0	66.1	1000	4.18	34.516	0.53	27.405	68.4	1.452	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					24121	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	121 00.0W	5/16/72		0747 GMT			4217M	030	7KT	1	350 3 4					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD	
									0	18.28	33.96		24.428	351.2	0.000	
									10	18.24	33.96		24.438	350.3	0.035	
									20	18.02	33.94		24.477	346.6	0.070	
									30	17.93	33.92		24.483	345.9	0.105	
									50	17.25	33.80		24.556	339.1	0.173	
									75	15.58	33.60		24.787	317.0	0.256	
									100	14.64	33.54		24.946	301.9	0.334	
									125	12.70	33.59		25.381	260.5	0.405	
									150	10.91	33.73		25.824	218.3	0.466	
									200	10.37	34.21		26.292	173.9	0.566	
									250	9.70	34.29		26.469	157.1	0.651	
									300	9.42	34.43		26.624	142.3	0.728	
									400	7.86	34.36		26.813	124.4	0.868	
									500	7.15	34.43		26.970	109.5	0.993	
									600	6.27	34.43		27.090	98.2	1.105	
									700	5.69	34.45		27.179	89.8	1.207	
									800	5.07	34.47		27.269	81.2	1.302	
									1000	4.14	34.52		27.412	67.7	1.469	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					24123	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	123 00.0W	5/16/72		1824 GMT			3929M	010	1KT	1	010 3 5					
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	S1GT	DT	DD	
									0	18.28	33.90		24.382	355.6	0.000	
									10	17.78	33.89		24.497	344.6	0.035	
									20	17.73	33.90		24.517	342.8	0.069	
									30	17.71	33.91		24.529	341.6	0.104	
									50	17.66	33.91		24.541	340.4	0.172	
									75	16.85	33.79		24.642	330.8	0.257	
									100	15.30	33.62		24.864	309.7	0.337	
									125	13.69	33.61		25.199	277.9	0.411	
									150	11.93	33.65		25.576	242.0	0.477	
									200	10.41	34.03		26.145	187.8	0.587	
									250	9.28	34.15		26.429	160.9	0.676	
									300	8.76	34.33		26.653	139.7	0.754	
									400	7.62	34.35		26.841	121.8	0.891	
									500	6.77	34.37		26.976	109.0	1.013	
									600	6.01	34.42		27.115	95.8	1.124	
									700	5.36	34.45		27.219	85.9	1.223	
									800	4.99	34.47		27.278	80.3	1.315	
									1000	4.12	34.52		27.414	67.5	1.481	

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 24125

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND		SPEED	WEATHER	DOMINANT WAVES		
24 00.0N			125 00.0W			5/17/72		0552 GMT			4410M		340		4KT				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD				
									0	18.36	34.09		24.507	343.6	0.000				
									10	17.94	34.08		24.603	334.5	0.034				
									20	17.87	34.07		24.612	333.6	0.067				
									30	17.85	34.08		24.625	332.4	0.101				
									50	17.82	34.07		24.625	332.5	0.168				
									75	17.63	34.04		24.648	330.3	0.251				
									100	17.40	33.99		24.665	328.6	0.334				
									125	17.43	34.09		24.734	322.0	0.416				
									150	15.03	33.85		25.100	287.2	0.493				
									200	10.44	33.77		25.938	207.5	0.619				
									250	9.50	34.05		26.315	171.7	0.716				
									300	8.45	34.15		26.560	148.5	0.799				
									400	7.26	34.27		26.829	122.9	0.941				
									500	6.30	34.30		26.983	108.3	1.063				
									600	5.69	34.36		27.108	96.5	1.173				
									700	5.18	34.43		27.225	85.4	1.271				
									800	4.81	34.46		27.291	79.1	1.362				
									1000	4.06	34.51		27.413	67.6	1.527				

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 24127

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND		SPEED	WEATHER	DOMINANT WAVES		
24 00.0N			127 00.0W			5/17/72		1814 GMT			4121M		010		13KT	1	360 3 5		
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD				
									0	18.34	34.19		24.589	335.9	0.000				
									10	18.30	34.19		24.598	335.0	0.034				
									20	18.29	34.19		24.601	334.7	0.067				
									30	18.29	34.20		24.609	334.0	0.101				
									50	18.27	34.20		24.613	333.5	0.168				
									75	18.00	34.13		24.627	332.3	0.251				
									100	16.40	33.91		24.839	312.1	0.333				
									125	13.51	33.74		25.336	264.8	0.405				
									150	12.27	33.84		25.658	234.2	0.469				
									200	10.13	34.00		26.170	185.5	0.576				
									250	9.37	34.09		26.367	166.7	0.666				
									300	8.16	34.13		26.589	145.8	0.747				
									400	6.84	34.18		26.817	124.1	0.887				
									500	6.14	34.29		26.996	107.1	1.009				
									600	5.54	34.36		27.126	94.7	1.117				
									700	5.15	34.42		27.220	85.8	1.215				
									800	4.79	34.46		27.293	78.9	1.306				
									1000	4.12	34.51		27.406	68.2	1.471				

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 24129

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND		SPEED	WEATHER	DOMINANT WAVES		
24 00.0N			129 00.0W			5/18/72		0606 GMT			4121M		040		16KT				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD				
									0	19.35	34.48		24.554	339.1	0.000				
									10	19.35	34.49		24.562	338.4	0.034				
									20	19.35	34.50		24.570	337.7	0.068				
									30	19.18	34.52		24.629	332.1	0.101				
									50	18.99	34.55		24.700	325.3	0.167				
									75	18.31	34.50		24.832	312.7	0.248				
									100	18.35	34.58		24.884	307.8	0.326				
									125	16.86	34.31		25.038	293.1	0.402				
									150	15.67	34.25		25.265	271.5	0.474				
									200	11.14	33.81		25.845	216.4	0.598				
									250	9.68	34.04		26.277	175.3	0.698				
									300	8.52	34.07		26.487	155.4	0.783				
									400	7.18	34.14		26.739	131.5	0.933				
									500	5.66	34.15		26.946	111.9	1.061				
									600	5.36	34.32		27.116	95.7	1.171				
									700	5.03	34.41		27.226	85.3	1.269				
									800	4.68	34.45		27.298	78.5	1.359				
									1000	4.03	34.51		27.416	67.3	1.523				

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 24129

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM		WIND		SPEED	WEATHER	DOMINANT WAVES		
24 00.0N			129 00.0W			5/18/72		0714 GMT			4121M		040		16KT				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD				
									0	19.33	34.468	5.39	24.550	339.5	0.000				
									10	19.34	34.468	5.58	24.548	339.8	0.034				
									20	19.34	34.472	5.54	24.552	339.4	0.068				
									30	19.33	34.475	5.42	24.556	339.0	0.102				
									50	18.90	34.485	5.48	24.673	327.9	0.165				
									75	18.30	34.474	5.54	24.816	314.2	0.250				
									100	18.40	34.589	5.50	24.877	308.4	0.328				
									125	17.12	34.326	5.46	24.989	297.8	0.405				
									150	16.15	34.327	5.12	25.214	276.3	0.478				
									200	11.82	33.849	4.74	25.749	225.5	0.606				
									250	9.86	34.000	4.00	26.216	181.1	0.710				
									300	9.03	34.108	3.09	26.435	160.3	0.798				
									400	7.15	34.142	1.65	26.744	131.0	0.949				
									500	5.77	34.178	1.10	26.954	111.1	1.077				
									600	5.34	34.295	0.62	27.099	97.3	1.188				
									700	5.07	34.390	0.53	27.206	87.2	1.288				
									800	4.76	34.448	0.53	27.287	79.5	1.379				
									1000	4.07	34.503	0.74	27.406	68.3	1.545				

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205				24131	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	131 00.0W	5/18/72	1739	GMT	4889M	030	16KT	2	020 4 4						
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	19.22	34.78		24.816	314.2	0.000
									10	19.22	34.79		24.824	313.5	0.031
									20	19.22	34.80		24.831	312.7	0.063
									30	19.22	34.80		24.831	312.7	0.094
									50	19.21	34.80		24.834	312.5	0.157
									75	19.03	34.81		24.888	307.4	0.235
									100	18.76	34.88		25.009	295.8	0.311
									125	18.43	34.84		25.062	290.8	0.385
									150	18.14	34.87		25.157	281.8	0.458
									200	14.25	34.05		25.421	256.7	0.595
									250	10.66	33.94		26.032	198.6	0.712
									300	9.18	34.01		26.336	169.8	0.807
									400	6.94	34.02		26.677	137.3	0.966
									500	5.52	34.12		26.939	112.5	1.097
									600	5.24	34.29		27.107	96.6	1.208
									700	5.02	34.40		27.220	85.9	1.307
									800	4.63	34.46		27.311	77.2	1.397
									1000	4.03	34.51		27.416	67.3	1.559

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205				24133	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	133 00.0W	5/19/72	0423	GMT	4507M	030	18KT		030 8 5						
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	19.58	34.79		24.731	322.3	0.000
									10	19.58	34.80		24.739	321.6	0.032
									20	19.59	34.81		24.744	321.1	0.064
									30	19.59	34.81		24.744	321.1	0.097
									50	19.57	34.81		24.749	320.6	0.161
									75	18.99	34.71		24.822	313.7	0.241
									100	18.98	34.76		24.862	309.8	0.320
									125	18.54	34.83		25.027	294.1	0.396
									150	17.99	34.74		25.095	287.7	0.470
									200	14.81	34.31		25.501	249.0	0.607
									250	11.50	34.02		25.942	207.1	0.724
									300	9.58	34.05		26.302	173.0	0.822
									400	7.25	34.03		26.642	140.7	0.985
									500	6.06	34.14		26.888	117.3	1.120
									600	5.49	34.28		27.069	100.2	1.236
									700	5.03	34.36		27.187	89.0	1.338
									800	4.60	34.43		27.291	79.1	1.430
									1000	3.92	34.52		27.435	65.5	1.592

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205				24135	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	135 00.0W	5/19/72	1642	GMT	4889M	030	13KT	2	030 7 5						
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	19.32	34.64		24.684	326.8	0.000
									10	19.33	34.65		24.689	326.3	0.033
									20	19.33	34.65		24.689	326.3	0.065
									30	19.33	34.66		24.697	325.6	0.098
									50	19.34	34.66		24.694	325.8	0.163
									75	19.31	34.87		24.862	309.9	0.243
									100	18.80	34.83		24.961	300.4	0.320
									125	18.21	34.81		25.094	287.8	0.395
									150	18.46	35.00		25.176	279.9	0.467
									200	14.66	34.21		25.457	253.3	0.603
									250	11.67	33.99		25.888	212.3	0.722
									300	9.32	33.99		26.298	173.4	0.822
									400	7.20	34.01		26.634	141.5	0.985
									500	5.76	34.08		26.878	118.3	1.121
									600	4.95	34.19		27.062	100.9	1.237
									700	4.48	34.32		27.217	86.2	1.338
									800	4.27	34.42		27.319	76.5	1.426
									1000	3.83	34.52		27.444	64.6	1.584

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205				24137	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
24 00.0N	137 00.0W	5/20/72	0330	GMT	4507M	050	10KT	1	050 7 6						
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
									0	20.64	34.73		24.406	353.3	0.000
									10	20.55	34.75		24.445	349.5	0.035
									20	20.35	34.79		24.529	341.6	0.070
									30	20.24	34.79		24.558	338.8	0.104
									50	20.18	34.82		24.597	335.1	0.172
									75	19.70	34.93		24.806	315.1	0.253
									100	19.37	34.92		24.884	307.7	0.332
									125	19.16	35.03		25.022	294.6	0.408
									150	18.92	35.09		25.129	284.4	0.482
									200	17.30	34.74		25.262	271.7	0.624
									250	12.98	34.17		25.774	223.1	0.751
									300	10.50	34.08		26.169	185.6	0.856
									400	8.01	34.06		26.556	148.8	1.030
									500	6.01	34.03		26.808	125.0	1.174
									600	5.09	34.20		27.053	101.7	1.294
									700	4.81	34.36		27.212	86.6	1.395
									800	4.56	34.45		27.311	77.2	1.485
									1000	3.93	34.53		27.442	64.8	1.644

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						24137
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 00.0N		137 00.0W		5/20/72		0448 GMT			4507M	050	10KT	1	050	7	6	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1G7	DT	DD	
0	20.61	34.703	5.29	0.21	1.	0.03	0.0	354.5	0	20.61	34.703	5.29	24.393	354.5	0.000	
10	20.59	34.707	5.40	0.19	1.	0.01	0.0	353.7	10	20.59	34.707	5.40	24.402	353.7	0.035	
30	20.44	34.733	5.34	0.16	1.	0.01	0.0	348.0	20	20.53	34.717	5.37	24.425	351.4	0.071	
55	20.18	34.815	5.33	0.18	1.	0.00	0.0	335.5	30	20.44	34.733	5.34	24.461	348.0	0.106	
70	19.73	34.864	5.37	0.13	1.	0.00	0.0	320.6	50	20.26	34.796	5.33	24.558	338.8	0.175	
84	19.49	34.864	5.46	0.13	1.	0.00	0.0	314.7	75	19.62	34.866	5.41	24.778	317.8	0.257	
99	19.46	34.868	5.42	0.13	1.	0.00	0.0	313.7	100	19.45	34.872	5.41	24.827	313.1	0.337	
130	19.10	35.018	5.15	0.12	2.	0.07	0.0	294.0	125	19.17	34.992	5.20	24.991	297.5	0.414	
154	18.92	35.037	5.06	0.15	2.	0.17	0.0	288.2	150	18.97	35.042	5.07	25.080	289.0	0.489	
179	18.14	34.901	4.96	0.20	2.	0.02	0.9	279.5	200	17.10	34.700	4.93	25.279	270.1	0.631	
213	15.01	34.377	4.90	0.40	4.	0.02	3.3	248.3	250	12.76	34.174	4.68	25.821	218.7	0.757	
276	11.62	34.137	4.46	0.94	12.	0.01	11.6	200.6	300	10.77	34.123	4.19	26.153	187.1	0.862	
373	8.73	34.102	3.28	1.83	33.	0.00	26.3	156.2	400	8.03	34.083	2.99	26.569	147.6	1.036	
470	6.52	34.054	2.26	2.47	58.	0.00	39.9	129.4	500	6.05	34.076	1.86	26.838	122.0	1.177	
600	5.02	34.193	0.73	3.11	90.	0.00	44.7	101.4	600	5.02	34.193	0.73	27.056	101.4	1.296	
749	4.73	34.388	0.58	3.23	102.	0.00	45.9	83.7	700	4.83	34.341	0.63	27.195	88.3	1.397	
895	4.28	34.465	0.79	3.20	113.	0.00	45.9	73.2	800	4.58	34.424	0.64	27.288	79.4	1.489	
1101	3.73	34.518	1.01	3.20	127.	0.00	45.9	63.8	1000	3.99	34.501	0.91	27.412	67.6	1.654	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						24139
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 00.0N		139 00.0W		5/20/72		1734 GMT			5080M	050	10KT	1	030	6	5	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1G7	DT	DD	
0	21.48	34.88							0	21.48	34.88		24.291	364.2	0.000	
10	21.48	34.88							10	21.48	34.88		24.291	364.2	0.036	
20	20.98	34.97							20	20.98	34.97		24.496	344.7	0.072	
30	20.43	35.05							30	20.43	35.05		24.705	324.8	0.105	
50	19.81	35.04							50	19.81	35.04		24.861	309.9	0.169	
75	19.27	35.11							75	19.27	35.11		25.055	291.5	0.245	
100	18.77	35.08							100	18.77	35.08		25.159	281.5	0.317	
125	18.54	35.08							125	18.54	35.08		25.217	276.0	0.388	
150	17.97	34.98							150	17.97	34.98		25.283	269.8	0.457	
200	14.43	34.33							200	14.43	34.33		25.598	239.8	0.587	
250	11.77	34.06							250	11.77	34.06		25.923	209.0	0.702	
300	10.25	34.08							300	10.25	34.08		26.212	181.5	0.803	
400	7.95	34.02							400	7.95	34.02		26.534	151.0	0.976	
500	5.94	34.05							500	5.94	34.05		26.832	122.6	1.119	
600	5.06	34.16							600	5.06	34.16		27.025	104.3	1.239	
700	4.62	34.29							700	4.62	34.29		27.178	89.9	1.343	
800	4.38	34.38							800	4.38	34.38		27.275	80.6	1.436	
1000	3.89	34.50							1000	3.89	34.50		27.422	66.7	1.600	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						24141
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 00.0N		141 00.0W		5/21/72		0533 GMT			4507M	040	18KT	1	060	6	5	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1G7	DT	DD	
0	22.28	34.79							0	22.28	34.79		24.000	391.9	0.000	
10	22.28	34.80							10	22.28	34.80		24.008	391.2	0.039	
20	22.29	34.81							20	22.29	34.81		24.013	390.8	0.078	
30	22.29	34.81							30	22.29	34.81		24.013	390.8	0.118	
50	21.28	34.82							50	21.28	34.82		24.301	363.3	0.193	
75	20.23	35.07							75	20.23	35.07		24.773	318.2	0.279	
100	20.26	35.27							100	20.26	35.27		24.917	304.5	0.358	
125	19.80	35.29							125	19.80	35.29		25.054	291.5	0.433	
150	19.02	35.19							150	19.02	35.19		25.180	279.6	0.506	
200	16.10	34.52							200	16.10	34.52		25.375	261.0	0.644	
250	12.20	34.11							250	12.20	34.11		25.880	213.0	0.765	
300	10.42	34.08							300	10.42	34.08		26.183	184.3	0.868	
400	8.01	34.09							400	8.01	34.09		26.580	146.6	1.040	
500	6.03	34.08							500	6.03	34.08		26.845	121.5	1.181	
600	5.25	34.22							600	5.25	34.22		27.051	101.9	1.299	
700	4.82	34.34							700	4.82	34.34		27.195	88.2	1.401	
800	4.62	34.45							800	4.62	34.45		27.305	77.8	1.492	
1000	3.95	34.52							1000	3.95	34.52		27.432	65.8	1.653	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						24143
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 00.0N		143 00.0W		5/21/72		1738 GMT			5080M	080	14KT	1	060	6	5	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	S1G7	DT	DD	
0	21.70	35.03							0	21.70	35.03		24.344	359.1	0.000	
10	21.70	35.04							10	21.70	35.04		24.352	358.4	0.036	
20	21.70	35.05							20	21.70	35.05		24.359	357.7	0.072	
30	21.70	35.05							30	21.70	35.05		24.359	357.7	0.108	
50	21.34	35.05							50	21.34	35.05		24.459	348.2	0.179	
75	20.88	35.31							75	20.88	35.31		24.781	317.5	0.262	
100	20.33	35.27							100	20.33	35.27		24.899	306.3	0.341	
125	19.75	35.22							125	19.75	35.22		25.014	295.3	0.417	
150	19.13	35.18							150	19.13	35.18		25.144	283.0	0.491	
200	17.42	34.87							200	17.42	34.87		25.333	265.0	0.631	
250	13.14	34.26							250	13.14	34.26		25.812	219.5	0.755	
300	11.09	34.11							300	11.09	34.11		26.087	193.4	0.862	
400	8.25	34.04							400	8.25	34.04		26.504	153.7	1.042	
500	6.01	34.03							500	6.01	34.03		26.808	125.0	1.188	
600	4.96	34.14							600	4.96	34.14		27.021	104.7	1.310	
700	4.53	34.29							700	4.53	34.29		27.188	88.9	1.413	
800	4.29	34.40							800	4.29	34.40		27.301	78.2	1.504	
1000	3.87	34.52							1000	3.87	34.52		27.440	65.0	1.664	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20105			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
24 00.0N	145 00.0W	5/22/72	0508	GMT	5467M	090	17KT	6							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	21.78	34.85		24.185	374.3	0.000
									10	21.78	34.86		24.193	373.6	0.037
									20	21.79	34.86		24.190	373.8	0.075
									30	21.24	35.10		24.524	342.0	0.111
									50	20.85	35.15		24.668	328.3	0.178
									75	20.41	35.26		24.870	309.1	0.258
									100	19.90	35.26		25.005	296.2	0.335
									125	19.37	35.21		25.105	286.7	0.409
									150	19.07	35.21		25.162	279.3	0.481
									200	17.32	34.87		25.357	262.7	0.619
									250	14.13	34.39		25.708	229.4	0.745
									300	11.75	34.17		26.012	200.5	0.856
									400	8.79	34.06		26.437	160.2	1.044
									500	6.44	34.01		26.737	131.7	1.197
									600	5.25	34.08		26.940	112.4	1.326
									700	4.97	34.30		27.146	92.9	1.436
									800	4.49	34.39		27.271	81.0	1.531
									1000	3.87	34.49		27.416	67.3	1.696

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20105			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
24 00.0N	145 00.0W	5/22/72	0622	GMT	5467M	090	17KT	6							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
0	21.77	34.813	5.19	0.15	1.	0.01	0.0	376.7	0	21.77	34.813	5.19	24.160	376.7	0.000
10	21.76	34.813	5.32	0.15	1.	0.00	0.0	376.4	10	21.76	34.813	5.32	24.163	376.4	0.038
30	21.78	34.813	5.25	0.15	1.	0.00	0.0	377.0	20	21.77	34.813	5.29	24.160	376.7	0.075
55	20.91	35.079	5.36	0.09	1.	0.00	0.0	335.0	30	21.78	34.813	5.25	24.157	377.0	0.113
70	20.59	35.118	5.33	0.10	1.	0.00	0.0	323.9	50	21.11	35.023	5.34	24.502	344.1	0.186
85	20.37	35.206	5.36	0.07	1.	0.01	0.0	311.9	75	20.51	35.148	5.34	24.759	319.6	0.269
100	20.19	35.221	5.30	0.09	1.	0.01	0.0	306.3	100	20.19	35.221	5.30	24.899	306.3	0.348
130	19.39	35.161	5.28	0.08	1.	0.00	0.0	290.7	125	19.53	35.174	5.28	25.036	293.5	0.424
154	18.97	35.122	5.21	0.09	1.	0.07	0.0	283.3	150	19.04	35.130	5.22	25.130	284.5	0.497
179	18.46	35.014	5.13	0.12	2.	0.07	0.1	278.9	200	17.40	34.829	4.99	25.308	267.4	0.638
214	16.52	34.694	4.89	0.27	4.	0.01	2.4	257.6	250	14.14	34.399	4.86	25.713	228.9	0.766
277	12.46	34.243	4.83	0.67	8.	0.00	8.3	208.0	300	11.60	34.183	4.76	26.049	197.0	0.876
376	9.64	34.088	4.30	1.34	25.	0.00	19.7	171.1	400	8.96	34.060	4.08	26.409	162.8	1.063
473	7.12	34.015	3.24	2.06	47.	0.00	30.3	140.0	500	6.58	34.014	2.82	26.721	133.2	1.218
603	5.20	34.087	1.34	2.85	82.	0.00	41.3	111.4	600	5.22	34.084	1.38	26.946	111.9	1.348
753	4.66	34.341	0.63	3.19	106.	0.00	46.5	86.5	700	4.98	34.290	0.73	27.137	93.7	1.458
899	4.14	34.438	0.92	3.16	112.	0.00	45.8	73.8	800	4.45	34.379	0.68	27.266	81.5	1.553
1105	3.71	34.517	1.13	3.14	123.	0.00	45.5	63.7	1000	3.88	34.486	1.05	27.412	67.7	1.719

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20119			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
20 00.0N	119 00.0W	5/30/72	1842	GMT	4313M	340	10KT	1				330	3	7	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0A	21.36	34.49		24.028	389.3	0.000
									10	21.25	34.50		24.066	385.7	0.039
									20	21.23	34.51		24.079	384.4	0.077
									30	21.22	34.51		24.082	384.2	0.116
									50	21.14	34.51		24.104	382.1	0.193
									75	18.66	34.11		24.448	349.3	0.285
									100	16.86	34.02		24.816	314.3	0.368
									125	13.24	33.85		25.475	251.5	0.440
									150	12.03	34.01		25.835	217.3	0.499
									200	10.99	34.41		26.338	169.5	0.598
									250	10.74	34.61		26.538	150.5	0.681
									300	10.03	34.61		26.662	138.7	0.756
									400	8.60	34.54		26.842	121.7	0.893

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20119			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
20 00.0N	119 00.0W	5/30/72	1910	GMT	4313M	340	10KT	1				330	3	7	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	21.38	34.48		24.015	390.5	0.000
									10	21.25	34.48		24.051	387.1	0.039
									20	21.24	34.49		24.061	386.1	0.078
									30	21.23	34.49		24.064	385.9	0.116
									50	21.15	34.47		24.071	385.2	0.194
									75	18.77	34.07		24.390	354.9	0.287
									100	17.12	33.95		24.701	325.2	0.372
									125	13.99	33.85		25.322	266.1	0.447
									150	12.06	34.00		25.822	218.6	0.509
									200	11.01	34.43		26.350	168.4	0.607
									250	10.62	34.61		26.560	148.5	0.689
									300	9.93	34.59		26.664	138.6	0.764
									400	8.59	34.53		26.836	122.3	0.901
									500	7.56	34.52		26.983	108.3	1.025
									600	6.65	34.50		27.094	97.8	1.136
									700	5.91	34.51		27.199	87.9	1.238
									800	5.34	34.51		27.269	81.2	1.333
									1000	4.42	34.54		27.398	69.0	1.503

A) A CALIBRATION CAST FOR THE BENTHOS DEPTH RECORDER.

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						20119
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 00.0N	119 00.0W	5/30/72		2017 GMT			4313M	340	10KT	1	330 3 7					
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	21.45	34.471	5.21	0.22	2.	0.00	0.0	393.0	0	21.45	34.471	5.21	23.989	393.0	0.000	
10	21.24	34.464	5.36	0.21	1.	0.00	0.0	388.0	10	21.24	34.464	5.36	24.042	388.0	0.039	
29	21.22	34.463	5.24	0.21	2.	0.00	0.0	387.6	20	21.23	34.464	5.32	24.044	387.8	0.078	
54	21.17	34.458	5.21	0.22	2.	0.00	0.0	386.6	30	21.22	34.463	5.24	24.047	387.5	0.117	
68	19.55	34.229	5.53	0.21	2.	0.00	0.0	357.4	50	21.18	34.459	5.21	24.054	386.8	0.194	
83	18.61	34.144	5.55	0.26	2.	0.01	0.0	345.6	75	18.95	34.187	5.54	24.433	350.7	0.287	
97	17.60	33.994	5.54	0.25	2.	0.00	0.0	332.9	100	17.24	33.967	5.46	24.683	326.9	0.373	
126	14.10	33.858	4.40	0.76	7.	0.01	5.6	267.7	125	14.22	33.859	4.45	25.278	270.3	0.448	
151	12.37	33.945	3.37	1.29	14.	0.00	13.8	228.3	150	12.42	33.940	3.41	25.706	229.6	0.511	
175	11.49	34.132	2.16	1.87	24.	0.00	21.6	197.2	200	11.07	34.354	1.38	26.280	175.0	0.615	
209	10.99	34.415	1.18	2.41	32.	0.00	26.0	169.1	250	10.75	34.580	0.53	26.513	152.9	0.699	
273	10.44	34.578	0.34	2.70	38.	0.00	26.3	147.8	300	10.12	34.700	0.30	26.717	133.5	0.774	
371	9.16	34.552	0.18	2.91	49.	0.00	29.6	129.3	400	8.75	34.525	0.19	26.806	125.1	0.910	
468	7.86	34.499	0.20	3.10	59.	0.00	35.3	114.1	500	7.54	34.496	0.20	26.967	109.9	1.036	
600	6.71	34.499	0.18	3.24	74.	0.00	39.7	98.6	600	6.71	34.499	0.18	27.085	98.6	1.149	
752	5.66	34.501	0.20	3.37	88.	0.00	43.2	85.6	700	5.99	34.501	0.19	27.181	89.6	1.252	
898	4.87	34.509	0.31	3.37	101.	0.00	45.0	76.1	800	5.38	34.503	0.23	27.259	82.2	1.348	
1105	4.10	34.537	0.51	3.40	117.	0.00	45.8	66.0	1000	4.44	34.522	0.40	27.381	70.6	1.520	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						20121
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 00.0N	121 00.0W	5/30/72		0544 GMT			4313M	030	12KT							
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	21.11	34.45							0	21.11	34.45		24.066	385.7	0.000	
10	21.11	34.46							10	21.11	34.46		24.074	384.9	0.039	
20	21.07	34.45							20	21.07	34.45		24.077	384.6	0.077	
30	20.93	34.47							30	20.93	34.47		24.130	379.6	0.115	
50	20.49	34.41							50	20.49	34.41		24.203	372.6	0.191	
75	19.06	34.20							75	19.06	34.20		24.415	352.4	0.262	
100	17.52	34.03							100	17.52	34.03		24.667	328.5	0.368	
125	13.86	33.83							125	13.86	33.83		25.333	265.1	0.443	
150	12.45	34.01							150	12.45	34.01		25.755	224.9	0.505	
200	10.97	34.32							200	10.97	34.32		26.272	175.8	0.607	
250	9.93	34.42							250	9.93	34.42		26.531	151.2	0.691	
300	9.59	34.54							300	9.59	34.54		26.682	136.9	0.766	
400	8.19	34.50							400	8.19	34.50		26.874	118.7	0.901	
500	7.18	34.49							500	7.18	34.49		27.013	105.4	1.021	
600	6.32	34.50							600	6.32	34.50		27.138	93.6	1.128	
700	5.75	34.52							700	5.75	34.52		27.227	85.2	1.227	
800	5.23	34.52							800	5.23	34.52		27.290	79.2	1.318	
1000	4.31	34.54							1000	4.31	34.54		27.410	67.9	1.485	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						20123
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 00.0N	123 00.0W	5/29/72		1538 GMT			4313M	050	8KT	1	010 4 4					
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	22.00	34.35							0	22.00	34.35		23.745	416.3	0.000	
10	21.98	34.36							10	21.98	34.36		23.759	415.0	0.042	
20	21.99	34.37							20	21.99	34.37		23.763	414.6	0.083	
30	21.99	34.37							30	21.99	34.37		23.763	414.6	0.125	
50	21.73	34.37							50	21.73	34.37		23.836	407.7	0.207	
75	21.00	34.39							75	21.00	34.39		24.051	387.2	0.307	
100	19.15	34.23							100	19.15	34.23		24.415	352.4	0.400	
125	17.29	34.09							125	17.29	34.09		24.768	318.8	0.485	
150	13.97	33.95							150	13.97	33.95		25.403	258.4	0.558	
200	12.14	34.57							200	12.14	34.57		26.248	178.1	0.670	
250	11.50	34.68							250	11.50	34.68		26.454	158.5	0.757	
300	10.67	34.62							300	10.67	34.62		26.559	148.6	0.837	
400	8.69	34.49							400	8.69	34.49		26.789	126.8	0.981	
500	7.52	34.49							500	7.52	34.49		26.965	110.0	1.108	
600	6.76	34.50							600	6.76	34.50		27.079	99.2	1.221	
700	6.06	34.50							700	6.06	34.50		27.172	90.4	1.325	
800	5.41	34.51							800	5.41	34.51		27.260	82.0	1.421	
1000	4.45	34.53							1000	4.45	34.53		27.387	70.1	1.593	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205						20125
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
19 55.0N	124 59.0W	5/29/72		0402 GMT			4025M	030	10KT	2						
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD	
0	20.82	34.45							0	20.82	34.45		24.145	378.2	0.000	
10	20.82	34.46							10	20.82	34.46		24.152	377.5	0.038	
20	20.82	34.47							20	20.82	34.47		24.160	376.7	0.076	
30	20.82	34.46							30	20.82	34.46		24.168	376.0	0.113	
50	19.88	34.42							50	19.88	34.42		24.371	356.6	0.187	
75	18.99	34.37							75	18.99	34.37		24.563	338.4	0.274	
100	17.95	34.25							100	17.95	34.25		24.730	322.4	0.358	
125	16.59	34.13							125	16.59	34.13		24.963	300.2	0.436	
150	13.69	33.95							150	13.69	33.95		25.461	252.9	0.506	
200	10.51	33.99							200	10.51	33.99		26.097	192.4	0.620	
250	9.59	34.28							250	9.59	34.28		26.479	156.1	0.709	
300	8.93	34.34							300	8.93	34.34		26.634	141.5	0.786	
400	7.54	34.38							400	7.54	34.38		26.876	118.5	0.923	
500	6.82	34.43							500	6.82	34.43		27.016	105.2	1.042	
600	6.11	34.48							600	6.11	34.48		27.150	92.5	1.148	
700	5.44	34.49							700	5.44	34.49		27.241	83.9	1.245	
800	4.94	34.51							800	4.94	34.51		27.316	76.8	1.334	
1000	4.21	34.54							1000	4.21	34.54		27.421	66.9	1.496	

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 20125

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
19 55.0N		124 59.0W		5/29/72		0510 GMT			4025M	030	10KT	2			
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
0	20.93	34.438	5.30	0.20	1.	0.01	0.1	381.9	0	20.93	34.438	5.30	24.106	381.9	0.000
10	20.80	34.437	5.42	0.22	1.	0.01	0.1	378.6	10	20.80	34.437	5.42	24.140	378.6	0.038
30	20.82	34.445	5.29	0.21	1.	0.01	0.1	378.5	20	20.81	34.442	5.37	24.141	378.6	0.076
55	19.50	34.387	5.47	0.18	1.	0.00	0.0	349.6	30	20.82	34.445	5.29	24.141	378.5	0.114
70	19.08	34.347	5.52	0.18	2.	0.00	0.1	342.2	50	19.79	34.401	5.42	24.380	355.8	0.188
85	18.45	34.295	5.54	0.19	1.	0.01	0.0	330.9	75	18.88	34.332	5.53	24.562	338.4	0.275
100	17.92	34.222	5.51	0.19	2.	0.00	0.0	323.7	100	17.92	34.222	5.51	24.716	323.7	0.358
130	15.75	34.048	5.04	0.37	4.	0.04	1.6	287.9	125	16.20	34.078	5.14	25.012	295.6	0.437
154	13.19	33.928	4.53	0.75	8.	0.02	5.8	244.9	150	13.61	33.942	4.62	25.470	252.0	0.506
179	11.50	33.936	3.90	1.22	15.	0.01	12.4	213.3	200	10.64	34.050	3.13	26.119	190.3	0.619
213	10.27	34.129	2.65	1.93	28.	0.00	21.0	178.2	250	9.48	34.248	1.83	26.472	156.8	0.708
278	9.07	34.294	1.45	2.45	41.	0.03	26.6	147.0	300	8.73	34.318	1.23	26.648	140.1	0.785
374	7.79	34.352	0.78	2.89	58.	0.01	35.5	124.0	400	7.56	34.368	0.62	26.862	119.8	0.921
470	7.07	34.403	0.30	3.07	87.	0.00	28.0	110.5	500	6.86	34.417	0.28	27.000	106.7	1.041
601	6.17	34.453	0.22	3.21	79.	0.01	38.2	95.3	600	6.18	34.453	0.22	27.119	95.4	1.150
749	5.16	34.478	0.29	3.31	93.	0.00	44.4	81.6	700	5.47	34.471	0.25	27.222	85.7	1.249
894	4.57	34.517	0.46	3.32	107.	0.00		72.3	800	4.92	34.493	0.35	27.304	77.9	1.340
1098	3.89	34.540	0.66	3.33	120.	0.00		63.7	1000	4.19	34.534	0.57	27.417	67.2	1.504

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 20127

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
19 55.0N		127 01.0W		5/28/72		1625 GMT			5080M	030	6KT	2	020 5 4		
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
0	22.87	34.61							0	22.87	34.61		23.696	420.9	0.000
10	22.87	34.63							10	22.87	34.63		23.711	419.5	0.092
20	22.87	34.64							20	22.87	34.64		23.719	418.8	0.084
30	22.87	34.64							30	22.87	34.64		23.719	418.8	0.126
50	21.20	34.51							50	21.20	34.51		24.087	383.7	0.207
75	19.50	34.39							75	19.50	34.39		24.447	349.3	0.299
100	18.49	34.32							100	18.49	34.32		24.650	330.0	0.384
125	16.74	34.24							125	16.74	34.24		25.012	295.5	0.463
150	14.49	33.95							150	14.49	33.95		25.293	268.8	0.535
200	11.16	34.05							200	11.16	34.05		26.028	199.0	0.654
250	9.44	34.20							250	9.44	34.20		26.442	159.7	0.746
300	8.31	34.27							300	8.31	34.27		26.675	137.5	0.823
400	7.58	34.40							400	7.58	34.40		26.886	117.6	0.957
500	6.60	34.41							500	6.60	34.41		27.030	103.9	1.074
600	5.96	34.47							600	5.96	34.47		27.161	91.5	1.180
700	5.46	34.49							700	5.46	34.49		27.239	84.1	1.276
800	5.02	34.51							800	5.02	34.51		27.307	77.6	1.366
1000	4.22	34.53							1000	4.22	34.53		27.412	67.7	1.530

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 20129

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
20 00.0N		129 00.0W		5/28/72		0043 GMT			1861M	040	13KT	1	050 3 4		
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
0	20.82	34.51							0	20.82	34.51		24.190	373.8	0.000
10	20.79	34.51							10	20.79	34.51		24.198	373.1	0.037
20	20.70	34.52							20	20.70	34.52		24.230	370.0	0.075
30	20.67	34.53							30	20.67	34.53		24.246	368.5	0.112
50	20.65	34.53							50	20.65	34.53		24.251	368.0	0.186
75	19.54	34.47							75	19.54	34.47		24.498	344.5	0.275
100	18.71	34.42							100	18.71	34.42		24.671	328.0	0.360
125	17.98	34.32							125	17.98	34.32		24.776	318.0	0.442
150	16.79	34.27							150	16.79	34.27		25.024	294.5	0.519
200	12.06	33.96							200	12.06	33.96		25.791	221.5	0.651
250	10.36	34.10							250	10.36	34.10		26.209	181.8	0.754
300	9.66	34.36							300	9.66	34.36		26.530	151.3	0.840
400	8.70	34.49							400	8.70	34.49		26.787	126.9	0.986
500	7.52	34.48							500	7.52	34.48		26.957	110.8	1.113
600	6.60	34.48							600	6.60	34.48		27.085	98.6	1.226
700	5.80	34.49							700	5.80	34.49		27.197	88.1	1.329
800	5.20	34.50							800	5.20	34.50		27.278	80.4	1.422
1000	4.27	34.54							1000	4.27	34.54		27.414	67.5	1.589

RV DAVID STARR JORDAN CALCOFI CRUISE 7205 20131

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
20 00.0N		131 00.0W		5/27/72		1245 GMT			4697M	060	14KT				
Z	T	S	O2	PO4	SI03	NO2	NO3	DT	Z	T	S	O2	SIGT	DT	DD
0	20.64	34.60							0	20.64	34.60		24.307	362.7	0.000
10	20.64	34.61							10	20.64	34.61		24.315	362.0	0.036
20	20.63	34.62							20	20.63	34.62		24.325	361.0	0.072
30	20.55	34.63							30	20.55	34.63		24.354	358.2	0.109
50	20.13	34.64							50	20.13	34.64		24.473	346.9	0.179
75	19.29	34.65							75	19.29	34.65		24.699	325.3	0.264
100	18.80	34.68							100	18.80	34.68		24.847	311.3	0.344
125	18.41	34.78							125	18.41	34.78		25.021	294.7	0.421
150	17.73	34.69							150	17.73	34.69		25.120	285.3	0.495
200	12.58	34.01							200	12.58	34.01		25.730	227.3	0.625
250	10.26	34.03							250	10.26	34.03		26.171	185.4	0.731
300	8.80	34.18							300	8.80	34.18		26.529	151.4	0.818
400	7.47	34.32							400	7.47	34.32		26.839	122.0	0.961
500	6.63	34.42							500	6.63	34.42		27.034	103.5	1.080
600	6.01	34.47							600	6.01	34.47		27.155	92.1	1.186
700	5.29	34.48							700	5.29	34.48		27.251	82.9	1.282
800	4.84	34.51							800	4.84	34.51		27.327	75.7	1.370
1000	4.11	34.55							1000	4.11	34.55		27.439	65.1	1.529

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					20133	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 00.0N	133 00.0W	5/26/72		2339		GMT	5080M	050	14KT	2	050 5 4					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	21.41	34.53		24.045	387.7	0.000	
									10	21.41	34.54		24.053	387.0	0.039	
									20	21.36	34.54		24.066	385.7	0.077	
									30	21.28	34.55		24.096	382.8	0.116	
									50	20.79	34.57		24.244	368.7	0.191	
									75	19.89	34.70		24.582	336.5	0.280	
									100	17.89	34.42		24.875	308.6	0.361	
									125	16.61	34.41		25.173	280.3	0.436	
									150	14.34	34.21		25.525	246.8	0.503	
									200	10.71	34.14		26.178	184.7	0.613	
									250	9.30	34.15		26.426	161.2	0.702	
									300	8.97	34.33		26.619	142.8	0.780	
									400	8.00	34.46		26.871	119.0	0.918	
									500	6.89	34.45		27.022	104.6	1.037	
									600	6.20	34.47		27.130	94.4	1.144	
									700	5.52	34.48		27.223	85.5	1.243	
									800	4.94	34.49		27.300	78.3	1.334	
									1000	4.15	34.52		27.411	67.8	1.498	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					20133	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 00.0N	133 00.0W	5/27/72		0054		GMT	5080M	050	14KT	2	050 5 4					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	21.41	34.525	5.22	24.041	388.0	0.000	
									10	21.40	34.522	5.28	24.041	388.1	0.039	
									20	21.35	34.518	5.27	24.053	386.9	0.078	
									30	21.29	34.514	5.24	24.066	385.7	0.116	
									50	20.49	34.513	5.28	24.281	365.2	0.192	
									75	19.44	34.614	5.25	24.633	331.7	0.279	
									100	17.80	34.406	4.54	24.886	307.6	0.360	
									125	15.82	34.307	4.28	25.275	270.5	0.433	
									150	13.81	34.137	3.87	25.578	241.7	0.498	
									200	10.86	34.117	3.21	26.133	188.9	0.608	
									250	9.46	34.227	2.34	26.458	158.1	0.697	
									300	8.61	34.282	1.61	26.639	141.0	0.775	
									400	7.67	34.390	0.46	26.864	119.6	0.911	
									500	6.96	34.449	0.31	27.011	105.7	1.031	
									600	6.16	34.458	0.29	27.126	94.8	1.139	
									700	5.56	34.470	0.35	27.210	86.9	1.239	
									800	4.96	34.478	0.50	27.287	79.5	1.331	
									1065	4.00	34.529	0.73	27.408	68.0	1.496	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205					20135	
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
20 00.0N	135 00.0W	5/26/72		0922		GMT	4793M	050	14KT							
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	21.53	34.63		24.088	383.6	0.000	
									10	21.54	34.64		24.093	383.1	0.038	
									20	21.54	34.65		24.100	382.4	0.077	
									30	21.54	34.65		24.100	382.4	0.115	
									50	20.81	34.65		24.299	363.4	0.190	
									75	19.80	34.79		24.674	327.8	0.277	
									100	18.79	34.66		24.834	312.5	0.358	
									125	18.14	34.71		25.035	293.4	0.434	
									150	17.07	34.61		25.218	276.0	0.507	
									200	13.28	34.17		25.714	228.8	0.635	
									250	10.26	34.12		26.242	178.7	0.740	
									300	8.49	34.06		26.484	155.7	0.826	
									400	7.23	34.25		26.818	124.0	0.972	
									500	6.89	34.44		27.014	105.3	1.094	
									600	6.20	34.47		27.130	94.4	1.201	
									700	5.50	34.48		27.226	85.3	1.300	
									800	4.91	34.49		27.304	77.9	1.390	
									1000	4.17	34.53		27.417	67.2	1.554	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20137			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
20 00.0N	136 59.0W	5/25/72	2150	GMT	5467M	050	17KT	1	040	4	5				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	22.29	34.58		23.838	407.4	0.000
									10	22.26	34.58		23.847	406.6	0.041
									20	22.19	34.60		23.882	403.3	0.081
									30	22.16	34.60		23.890	402.5	0.122
									50	20.90	34.67		24.290	364.3	0.199
									75	20.38	34.79		24.521	342.3	0.288
									100	19.61	34.76		24.700	325.2	0.372
									125	19.02	34.78		24.867	309.3	0.452
									150	18.40	34.81		25.046	292.3	0.528
									200	13.83	34.19		25.617	238.1	0.664
									250	10.71	34.20		26.225	180.3	0.771
									300	8.70	34.07		26.459	158.1	0.858
									400	7.27	34.22		26.789	126.8	1.007
									500	6.24	34.32		27.007	106.1	1.130
									600	5.88	34.44		27.147	92.7	1.237
									700	5.33	34.47		27.238	84.1	1.333
									800	4.82	34.50		27.322	76.2	1.422
									1000	4.01	34.53		27.434	65.6	1.582

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20139			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
19 56.0N	138 59.0W	5/25/72	0755	GMT	5080M	070	20KT								
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	22.94	34.52		23.608	429.3	0.000
									10	22.94	34.53		23.616	428.6	0.043
									20	22.94	34.54		23.623	427.9	0.086
									30	22.94	34.54		23.623	427.9	0.129
									50	22.95	34.56		23.636	426.7	0.214
									75	22.20	34.62		23.894	402.1	0.319
									100	20.60	34.81		24.477	346.5	0.413
									125	19.79	34.95		24.798	315.9	0.497
									150	18.81	35.00		25.088	288.3	0.574
									200	13.25	34.28		25.805	220.2	0.703
									250	11.33	34.41		26.276	175.4	0.805
									300	9.79	34.43		26.563	148.2	0.889
									400	8.11	34.45		26.847	121.3	1.030
									500	6.84	34.41		26.998	106.9	1.152
									600	6.13	34.47		27.139	93.5	1.260
									700	5.63	34.49		27.218	86.1	1.358
									800	5.10	34.50		27.289	79.3	1.450
									1000	4.24	34.54		27.417	67.2	1.615

RV DAVID STARR JORDAN						CALCOFI CRUISE 7205						20141			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
19 59.0N	141 01.0W	5/24/72	1913	GMT	5467M	050	17KT	1	070	5	4				
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	21.59	34.76		24.170	375.8	0.000
									10	21.59	34.76		24.170	375.8	0.038
									20	21.57	34.76		24.175	375.2	0.075
									30	21.56	34.77		24.186	374.2	0.113
									50	20.96	34.76		24.342	359.3	0.186
									75	20.65	35.03		24.631	331.8	0.273
									100	19.69	35.11		24.946	301.8	0.353
									125	18.90	35.02		25.081	289.0	0.428
									150	17.73	34.81		25.212	276.5	0.500
									200	13.28	34.16		25.706	229.5	0.629
									250	10.79	34.12		26.149	187.5	0.756
									300	9.39	34.21		26.458	158.2	0.825
									400	7.95	34.34		26.784	127.2	0.975
									500	7.24	34.46		26.981	108.5	1.100
									600	6.34	34.47		27.112	96.1	1.210
									700	5.66	34.48		27.206	87.2	1.311
									800	5.15	34.50		27.284	79.8	1.403
									1000	4.23	34.52		27.403	68.6	1.571

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							20141
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
19 59.0N	141 01.0W	5/24/72		2025 2050		GMT	5467M	050	17KT	1	070	5	4				
Z	T	S	02	PO4	SI03	NO2	NO3	DT	Z	T	S	02	SI6T	DT	DD		
0	21.64	34.694	5.20	0.16	2.	0.01	0.0	381.9	0	21.64	34.694	5.20	24.106	381.9	0.000		
10	21.65	34.695	5.33	0.14	1.	0.01	0.0	382.0	10	21.65	34.695	5.33	24.104	382.0	0.038		
30	21.60	34.690	5.26	0.12	1.	0.00	0.0	381.1	20	21.63	34.693	5.30	24.109	381.6	0.076		
55	21.03	34.695	5.31	0.12	1.	0.01	0.0	365.9	30	21.60	34.690	5.26	24.114	381.1	0.115		
70	20.90	34.947	5.29	0.08	2.	0.00	0.0	344.3	50	21.15	34.673	5.30	24.224	370.6	0.190		
85	20.53	34.994	5.19	0.08	2.	0.00	0.0	331.4	75	20.79	34.973	5.26	24.349	339.6	0.279		
100	20.11	35.065	5.09	0.07	1.	0.00	0.0	315.6	100	20.11	35.065	5.09	24.801	315.6	0.362		
129	19.10	35.008	5.10	0.10	1.	0.15	0.0	294.7	125	19.27	35.030	5.10	24.994	297.3	0.440		
155	17.55	34.784	4.72	0.27	3.	0.01	1.9	274.3	150	17.92	34.842	4.80	25.190	278.7	0.513		
178A	15.09	34.405	4.59	0.46	5.	0.00	4.4	247.9	200	13.58	34.239	4.53	25.705	229.7	0.643		
213A	12.89	34.186	4.48	0.72	9.	0.00	8.6	220.2	250	10.89	34.133	4.14	26.140	188.4	0.750		
277A	9.71	34.143	3.78	1.45	24.	0.00	19.5	168.1	300	8.94	34.134	3.34	26.471	156.9	0.839		
373A	7.49	34.161	1.86	2.43	51.	0.00	32.4	134.1	400	7.90	34.340	1.38	26.792	126.5	0.987		
471A	7.50	34.443	0.43	2.90	58.	0.00	39.4	113.3	500	7.24	34.452	0.42	26.975	109.1	1.112		
602A	6.29	34.442	0.40	3.11	74.	0.00	42.5	97.6	600	6.31	34.443	0.40	27.094	97.8	1.224		
752A	5.41	34.470	0.40	3.27	89.	0.00	45.0	85.0	700	5.68	34.460	0.40	27.188	88.9	1.326		
899A	4.71	34.492	0.64	3.24	102.	0.00	44.9	75.6	800	5.17	34.478	0.47	27.264	81.7	1.420		
1108A	3.93	34.524	0.89	3.20	119.	0.00	44.5	65.3	1000	4.30	34.508	0.77	27.385	70.2	1.591		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							20143
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
20 00.0N	143 00.0W	5/24/72		0344		GMT	5272M	070	16KT	1	090	4	6				
Z	T	S	02	PO4	SI03	NO2	NO3	DT	Z	T	S	02	SI6T	DT	DD		
									0	22.29	34.70		23.929	398.7	0.000		
									10	22.29	34.71		23.937	398.0	0.040		
									20	22.29	34.72		23.944	397.3	0.080		
									30	22.25	34.72		23.956	396.2	0.119		
									50	22.13	34.72		23.989	393.0	0.199		
									75	21.56	34.79		24.201	372.8	0.295		
									100	21.36	35.07		24.468	347.3	0.386		
									125	20.21	35.01		24.733	322.1	0.470		
									150	20.12	35.29		24.970	299.5	0.549		
									200	17.26	34.69		25.233	274.5	0.696		
									250	13.33	34.26		25.775	223.2	0.824		
									300	11.15	34.15		26.107	191.5	0.931		
									400	8.11	34.12		26.588	145.8	1.106		
									500	6.41	34.21		26.898	116.4	1.244		
									600	5.44	34.33		27.115	95.8	1.357		
									700	5.12	34.44		27.240	84.0	1.455		
									800	4.79	34.49		27.317	76.7	1.544		
									1000	4.05	34.54		27.437	65.3	1.704		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7205							20145
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
20 00.0N	145 00.0W	5/23/72		1018		GMT	4889M	080	12KT								
Z	T	S	02	PO4	SI03	NO2	NO3	DT	Z	T	S	02	SI6T	DT	DD		
									0	22.90	34.55		23.642	426.1	0.000		
									10	22.88	34.56		23.656	424.8	0.043		
									20	22.89	34.57		23.660	424.4	0.085		
									30	22.89	34.57		23.660	424.4	0.128		
									50	22.67	34.71		23.829	408.3	0.211		
									75	21.61	34.97		24.323	361.1	0.308		
									100	20.72	35.01		24.597	335.1	0.396		
									125	20.36	35.08		24.746	320.8	0.479		
									150	19.54	35.10		24.977	298.8	0.557		
									200	17.17	34.78		25.324	265.9	0.702		
									250	12.90	34.26		25.860	215.0	0.825		
									300	10.57	34.16		26.219	180.9	0.927		
									400	7.92	34.21		26.687	136.4	1.093		
									500	6.59	34.30		26.945	111.9	1.224		
									600	5.92	34.38		27.095	97.7	1.336		
									700	5.27	34.43		27.214	86.4	1.436		
									800	4.78	34.47		27.302	78.0	1.527		
									1000	4.15	34.53		27.419	67.0	1.690		

A) CAST II.

						Z	T	S	02	0T
46.133	06/02/72	1354GMT	46 03.0N	133 00.0W		10	10.16	32.750	6.91	278.4
	BOTTOM	3730M	WIND 200	10KT	WEATHER 2					
			DOMINANT WAVES 250 04 06							
46.135	06/02/72	0308GMT	46 00.0N	135 00.0W		10	9.58	32.662	7.15	275.8
	BOTTOM	3918M	WIND 160	06KT	WEATHER 2					
			DOMINANT WAVES 270 04 07							
46.139	06/01/72	0546GMT	46 00.0N	139 00.0W		10	9.49	32.695	6.87	272.0
	BOTTOM	4316M	WIND 250	18KT	WEATHER 2					
			DOMINANT WAVES 250 04 07							
46.141	05/31/72	1921GMT	46 00.0N	141 00.0W		10	9.36	32.724	6.80	267.9
	BOTTOM	4314M	WIND 280	20KT	WEATHER 2					
			DOMINANT WAVES 250 04 07							
46.143	05/31/72	0837GMT	45 58.0N	143 01.0W		10	9.14	32.729	7.04	264.2
	BOTTOM	4569M	WIND 300	16KT	WEATHER 2					
			DOMINANT WAVES							
45.150	05/29/72	1206GMT	45 01.0N	149 59.0W		10	9.92	33.061	6.77	251.6
	BOTTOM	5218M	WIND 070	14KT	WEATHER 2					
			DOMINANT WAVES							
44.155	05/28/72	0845GMT	43 56.0N	155 00.0W		10	10.16	33.241	6.73	242.1
	BOTTOM	5494M	WIND 180	19KT	WEATHER 2					
			DOMINANT WAVES							
43.160	05/27/72	0858GMT	42 52.0N	160 00.0W		10	10.46	33.639	6.72	217.5
	BOTTOM	5175M	WIND 350	08KT	WEATHER 2					
			DOMINANT WAVES							
42.135	05/17/72	0347GMT	42 00.0N	135 00.0W		10	11.38	32.917	6.53	286.4
	BOTTOM	4017M	WIND 330	16KT	WEATHER 2					
			DOMINANT WAVES 330 05 05							
42.137	05/17/72	1634GMT	41 59.5N	137 02.0W		10	11.07	32.920	6.77	280.9
	BOTTOM	4078M	WIND 300	19KT	WEATHER 2					
			DOMINANT WAVES 300 05 04							
42.139	05/18/72	0159GMT	41 59.5N	139 00.0W		10	11.42	32.981	6.68	282.3
	BOTTOM	4070M	WIND 310	18KT	WEATHER 2					
			DOMINANT WAVES 310 04 06							
42.143	05/18/72	2215GMT	42 00.0N	142 57.5W		10	12.80	33.480	6.27	270.4
	BOTTOM	4582M	WIND 240	11KT	WEATHER 2					
			DOMINANT WAVES 250 03 04							
42.145	05/19/72	1338GMT	42 00.0N	145 00.5W		10	11.72	33.157	6.67	274.6
	BOTTOM	4727M	WIND 190	16KT	WEATHER 0					
			DOMINANT WAVES							
42.153	05/21/72	1550GMT	41 44.0N	152 57.0W		10		33.347	6.68	
	BOTTOM	5201M	WIND 030	10KT	WEATHER 1					
			DOMINANT WAVES 020 02 05							
BUOY 56	05/22/72	2010GMT	42 23.0N	157 59.0W		10	11.90	33.664	6.62	240.4
	BOTTOM	5215M	WIND 150	13KT	WEATHER 1					
			DOMINANT WAVES 150 02 03							
BUOY 56	05/22/72	2143GMT	42 23.0N	157 59.0W		10	11.89	33.657	6.62	240.8
	BOTTOM	5172M	WIND 180	16KT	WEATHER 2					
			DOMINANT WAVES 180 02 03							
BUOY 55	05/26/72	0608GMT	42 00.0N	164 05.0W		10	10.18	33.667	6.65	210.9
	BOTTOM	M	WIND 320	20KT	WEATHER 6					
			DOMINANT WAVES 310 07 06							
BUOY 48	05/20/72	0531GMT	41 01.0N	148 02.0W		10	13.68	33.698	6.06	271.2
	BOTTOM	5025M	WIND 210	19KT	WEATHER 2					
			DOMINANT WAVES 210 08 04							
39.137	05/01/72	2302GMT	38 59.0N	136 58.0W		10	13.10	33.394	6.18	282.4
	BOTTOM	5167M	WIND 190	12KT	WEATHER 2					
			DOMINANT WAVES 190 02 03							
39.139	05/01/72	1300GMT	39 02.0N	138 53.0W		10	12.98	33.435	6.02	277.1
	BOTTOM	4885M	WIND 220	14KT	WEATHER					
			DOMINANT WAVES							
35.129	04/26/72	0436GMT	35 00.0N	128 57.5W		10	13.92	33.203	6.08	312.2
	BOTTOM	4688M	WIND 020	22KT	WEATHER 2					
			DOMINANT WAVES 020 05							

					Z	T	S	02	DT
31.127	04/21/72	0640GMT	31 00.0N	127 00.0W	10	16.04	33.732	5.84	317.2
		BOTTOM 4697M	WIND 010	10KT WEATHER					
		DOMINANT WAVES							
31.131	04/22/72	1015GMT	31 01.0N	131 00.0W	10	16.34	33.858	5.86	314.6
		BOTTOM 4507M	WIND 030	10KT WEATHER					
		DOMINANT WAVES							
31.133	04/22/72	2028GMT	31 00.0N	133 00.0W	10	16.72	33.959	5.77	315.6
		BOTTOM 4697M	WIND 010	02KT WEATHER 1					
		DOMINANT WAVES 020 01 04							
31.135	04/23/72	0751GMT	31 00.0N	135 00.0W	10	16.75	34.153	5.74	302.1
		BOTTOM 4327M	WIND 220	14KT WEATHER					
		DOMINANT WAVES							
31.139	04/24/72	1440GMT	31 00.0N	139 00.0W	10	17.46	34.663	5.68	281.0
		BOTTOM 4121M	WIND 030	10KT WEATHER 1					
		DOMINANT WAVES 010 08 08							
31.141	04/25/72	0215GMT	31 00.0N	141 00.0W	10	18.00	34.812	5.62	282.7
		BOTTOM 4793M	WIND 330	12KT WEATHER 1					
		DOMINANT WAVES 020 08 08							
31.143	04/25/72	1537GMT	31 00.0N	143 00.0W	10	18.10	34.868	5.69	281.0
		BOTTOM 4889M	WIND 280	10KT WEATHER 1					
		DOMINANT WAVES 110 06 07							
27.127	05/01/72	2342GMT	27 00.0N	126 59.5W	10	17.08	34.058	5.83	316.4
		BOTTOM 4507M	WIND 030	10KT WEATHER 1					
		DOMINANT WAVES 020 04 05							
27.129	05/01/72	1312GMT	27 00.0N	129 00.0W	10	17.84	34.341	5.72	313.2
		BOTTOM 4410M	WIND 020	12KT WEATHER					
		DOMINANT WAVES							
27.131	05/01/72	0235GMT	27 00.0N	131 00.0W	10	17.72	34.359	5.78	309.1
		BOTTOM 4889M	WIND 040	16KT WEATHER 2					
		DOMINANT WAVES 040 06 05							
27.135	04/30/72	0132GMT	27 00.0N	135 00.0W	10	19.12	34.793	5.55	310.8
		BOTTOM 4602M	WIND 050	20KT WEATHER 2					
		DOMINANT WAVES 070 06 06							
27.137	04/29/72	1259GMT	27 00.0N	137 00.0W	10	19.08	34.771	5.54	311.4
		BOTTOM 4889M	WIND 070	22KT WEATHER					
		DOMINANT WAVES							
27.139	04/29/72	0027GMT	27 00.0N	139 00.0W	10	19.87		5.53	
		BOTTOM 4697M	WIND 080	21KT WEATHER 1					
		DOMINANT WAVES 080 06 05							
27.143	04/27/72	2213GMT	27 00.0N	143 08.5W	10	20.53	35.182	5.48	317.8
		BOTTOM 4697M	WIND 050	22KT WEATHER 1					
		DOMINANT WAVES 040 05 05							
27.145	04/27/72	0802GMT	27 00.0N	144 58.0W	10	20.40	35.317	5.39	304.7
		BOTTOM 5080M	WIND 090	16KT WEATHER					
		DOMINANT WAVES							
24.121	05/16/72	0832GMT	24 00.0N	121 00.0W	10	18.20	34.352U	5.59	
		BOTTOM 4217M	WIND 070	07KT WEATHER					
		DOMINANT WAVES							
24.123	05/16/72	1919GMT	24 00.0N	123 00.0W	10	17.94	33.894	5.68	348.1
		BOTTOM 3929M	WIND 010	01KT WEATHER 1					
		DOMINANT WAVES 010 03 05							
24.125	05/17/72	0642GMT	24 00.0N	125 00.0W	10	17.91	34.072	5.63	334.4
		BOTTOM 4410M	WIND 340	04KT WEATHER					
		DOMINANT WAVES							
24.127	05/17/72	1930GMT	24 00.0N	127 00.0W	10	18.40	34.178	5.56	338.2
		BOTTOM 4121M	WIND 010	13KT WEATHER 1					
		DOMINANT WAVES 360 03 05							
24.131	05/18/72	1822GMT	24 00.0N	131 00.0W	10	19.20	34.741	5.50	316.5
		BOTTOM 4889M	WIND 030	16KT WEATHER 2					
		DOMINANT WAVES 020 04 04							
24.133	05/19/72	0515GMT	24 00.0N	133 00.0W	10	19.58	34.765	5.43	324.1
		BOTTOM 4507M	WIND 030	18KT WEATHER					
		DOMINANT WAVES 030 08 05							

					Z	T	S	02	DT
24.135	05/19/72	1728GMT	24 00.0N	135 00.0W	10	19.62 U	34.676	5.51	
		BOTTOM	4889M	WIND 030 13KT					
				WEATHER 2					
				DOMINANT WAVES 030 07 05					
24.139	05/20/72	1820GMT	24 00.0N	139 00.0W	10		34.841	5.24	
		BOTTOM	5080M	WIND 050 10KT					
				WEATHER 1					
				DOMINANT WAVES 030 06 05					
24.141	05/21/72	0627GMT	24 00.0N	141 00.0W	10	22.29	34.754	5.21	394.8
		BOTTOM	4507M	WIND 040 18KT					
				WEATHER					
				DOMINANT WAVES					
24.143	05/21/72	1822GMT	24 00.0N	143 00.0W	10	21.70	34.997	5.27	361.5
		BOTTOM	5080M	WIND 080 14KT					
				WEATHER 1					
				DOMINANT WAVES 060 06 05					
20.121	05/30/72	0636GMT	20 00.0N	121 00.0W	10	21.10	34.424	5.33	387.3
		BOTTOM	4313M	WIND 030 12KT					
				WEATHER					
				DOMINANT WAVES					
20.123	05/29/72	1619GMT	20 00.0N	123 00. W	10	22.00	34.327	5.17	417.9
		BOTTOM	4313M	WIND 050 08KT					
				WEATHER 1					
				DOMINANT WAVES 010 04 04					
20.127	05/28/72	1706GMT	19 55.0N	127 01.0W	10	22.88	34.584	5.10	423.1
		BOTTOM	5080M	WIND 030 06KT					
				WEATHER 2					
				DOMINANT WAVES 020 05 04					
20.129	05/28/72	0127GMT	20 00.0N	129 00.0W	10	20.81	34.490	5.38	375.0
		BOTTOM	1861M	WIND 040 13KT					
				WEATHER 1					
				DOMINANT WAVES 050 05 04					
20.131	05/27/72	1335GMT	20 00.0N	131 00.0W	10	20.64	34.575	5.29	364.5
		BOTTOM	4697M	WIND 060 14KT					
				WEATHER					
				DOMINANT WAVES					
20.135	05/26/72	1003GMT	20 00.0N	135 00.0W	10	21.52	34.605	5.21	385.1
		BOTTOM	4793M	WIND 050 14KT					
				WEATHER					
				DOMINANT WAVES					
20.137	05/25/72	2236GMT	20 00.0N	136 59.0W	10	22.32	34.547	5.20	410.6
		BOTTOM	5467M	WIND 050 17KT					
				WEATHER 1					
				DOMINANT WAVES 040 04 05					
20.139	05/25/72	0835GMT	19 56.0N	138 59.0W	10	22.93	34.489	5.09	431.3
		BOTTOM	5080M	WIND 070 20KT					
				WEATHER					
				DOMINANT WAVES					
20.143	05/24/72	0431GMT	20 00.0N	143 10.0W	10	22.29	34.670	5.17	400.9
		BOTTOM	5272M	WIND 070 16KT					
				WEATHER 1					
				DOMINANT WAVES 090 04 06					
20.145	05/23/72	1106GMT	20 00.0N	145 00.0W	10	22.90	34.528	5.22	427.7
		BOTTOM	4889M	WIND 080 12KT					
				WEATHER					
				DOMINANT WAVES					