

UNIVERSITY OF CALIFORNIA    SCRIPPS INSTITUTION OF OCEANOGRAPHY

# data report

PHYSICAL AND CHEMICAL DATA

CalCOFI Cruise 7201  
3 - 26 January 1972

and

CalCOFI Cruise 7202  
1 - 27 February 1972

SIO Reference 80-21  
15 October 1980

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CalCOFI Cruise 7201  
3 - 26 January 1972

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1 - 27 February 1972

Sponsored by  
Marine Research Committee

SIO Reference 80-21  
15 October 1980

Approved for distribution:

*W. A. Nierenberg*  
W. A. Nierenberg, Director



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## INTRODUCTION

The data in this report was collected during Cruises 7201\* and 7202 of the California Cooperative Oceanic Fisheries Investigations (CalCOFI) program aboard the RV David Starr Jordan of the National Marine Fisheries Service, the RV Alexander Agassiz of the Scripps Institution of Oceanography and the RV Alaska of the California Department of Fish and Game. The RV Alejandro de Humboldt of the Instituto Nacional de Pesca of the Mexican Federal Government occupied the same southern CalCOFI lines as the Jordan during February but no data was included in this report. The report preceding this one in the series was SIO Ref. 79-30 which included data for 1970 and 1971.

This data was 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 1200 meters, bottom depth permitting. Temperature, salinity, oxygen and nutrients were determined for all depths on most stations. The Alaska was equipped with only 2 Nansen bottles for calibration of the STD.

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 nutrients were determined for most of the 10 meter samples from the Jordan and the Agassiz.

In general, paired protected reversing thermometers were used to determine temperatures which were recorded to hundredths of a Celsius degree. 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 depth determination.

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\* The first two digits represent the year and the second digits the month of the cruise. The CalCOFI station designations have been in use for over twenty years. The first part specifies a line normal to the general trend of the coast line (CalCOFI line). The second part specifies a station position relative to the coast on the CalCOFI line.

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



The salinity samples from the 10 meter bottles on the Alaska were determined by an Australian Auto Lab inductive salinometer after the completion of the cruise. Salinity samples for both cruises on the Jordan were determined mainly by a Bissett Berman (now Grundy Environmental Systems, Inc.) inductive salinometer although a few stations were determined using an Auto Lab salinometer.

Problems were encountered with salinity determination on both cruises of the Agassiz, caused partly by incorrect handling of the samples and partly by difficulty in operation of the salinometers used. The salinity values on several stations were tabulated only to hundredths because of high drift occurring on the inductive salinometers and poor standardization on the University of Washington conductive bridge.

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 done 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.

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

The observed data has 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 lowerings by both the Jordan and the Agassiz on both cruises. The Agassiz also used a Bissett

Berman Model 9040 CSTD for a few lowerings during repair of the other model. A self-contained Bissett Berman Model 9060 STD was used on the Alaska which was not equipped to use the larger system.

The STD temperature data agreed closely with the calibration samples for the cruises of the Jordan and Agassiz. Corrections to the salinity data for both ships were necessary with the largest correction being  $-0.14\text{‰}$  at 1000 meters on the 7201 Agassiz cruise. Data from the self-contained STD used on the Alaska was digitized from the graphic recordings. The styli failed to raise at the end of the recordings so that double traces were made causing difficulty in digitizing and decreasing greatly the accuracy of the data. No correction was applied to the temperature digitized to the nearest  $0.05^{\circ}\text{C}$  but an off-set correction of  $-0.25\text{‰}$  was applied to the salinity data digitized to the nearest  $0.01\text{‰}$ .

#### 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 times 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 was obtained by bottle casts and by the STD, and appear in two forms:

1) Data from the sample bottles appears 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 appears 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 90.65 appears in the tabulated data as 90065. 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	$\sigma_t = (\rho_{s,t,0} - 1)10^3$ 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.

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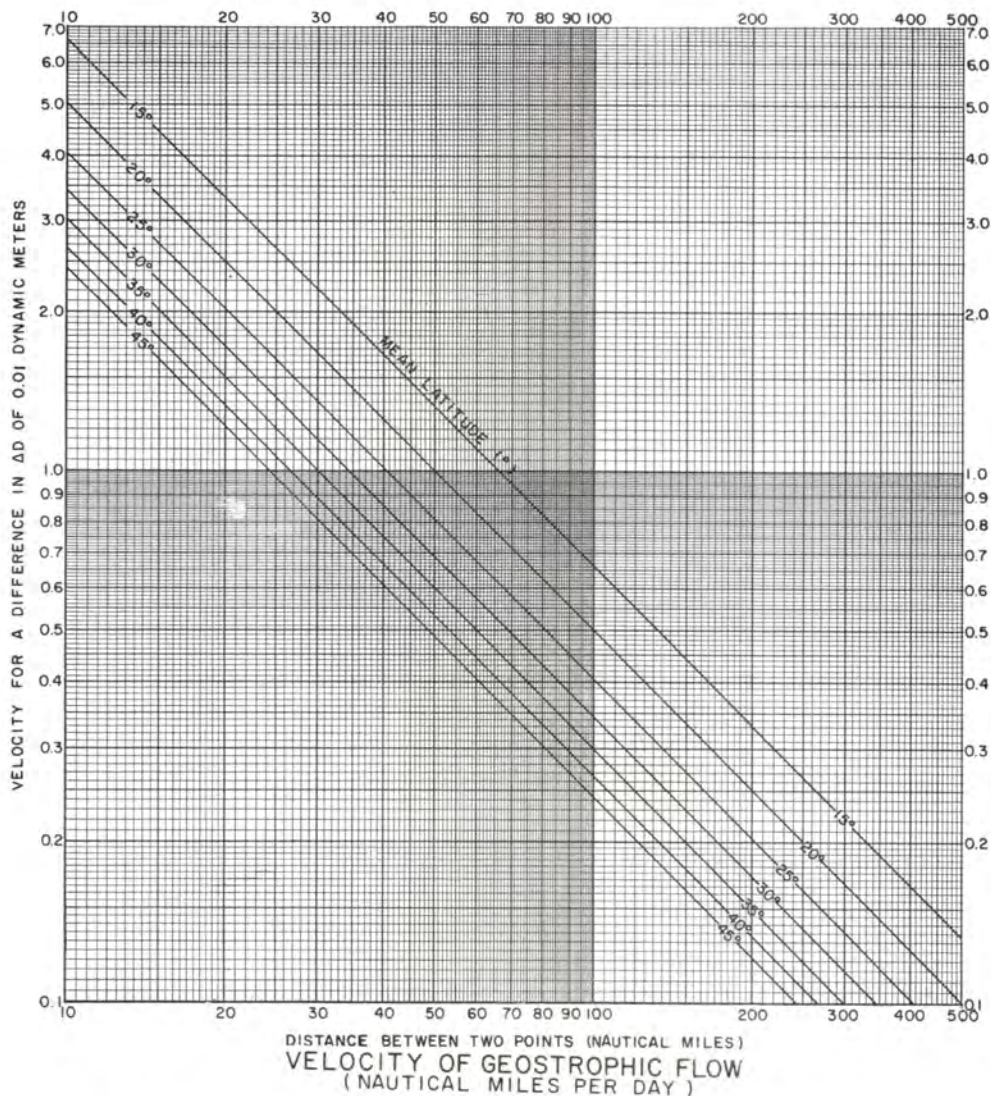
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cm/sec	0	1	2	3	4	5	6	7	8	9
0	<i>KNOTS</i> 0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.17	
	<i>NM/DAY</i> 0.47	0.93	1.40	1.86	2.33	2.80	3.26	3.73	4.20	
10	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.37
	4.66	5.13	5.59	6.06	6.53	6.99	7.46	7.93	8.39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

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

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



## FIGURES

### Cruise 7202

1. CalCOFI Cruise 7202, 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

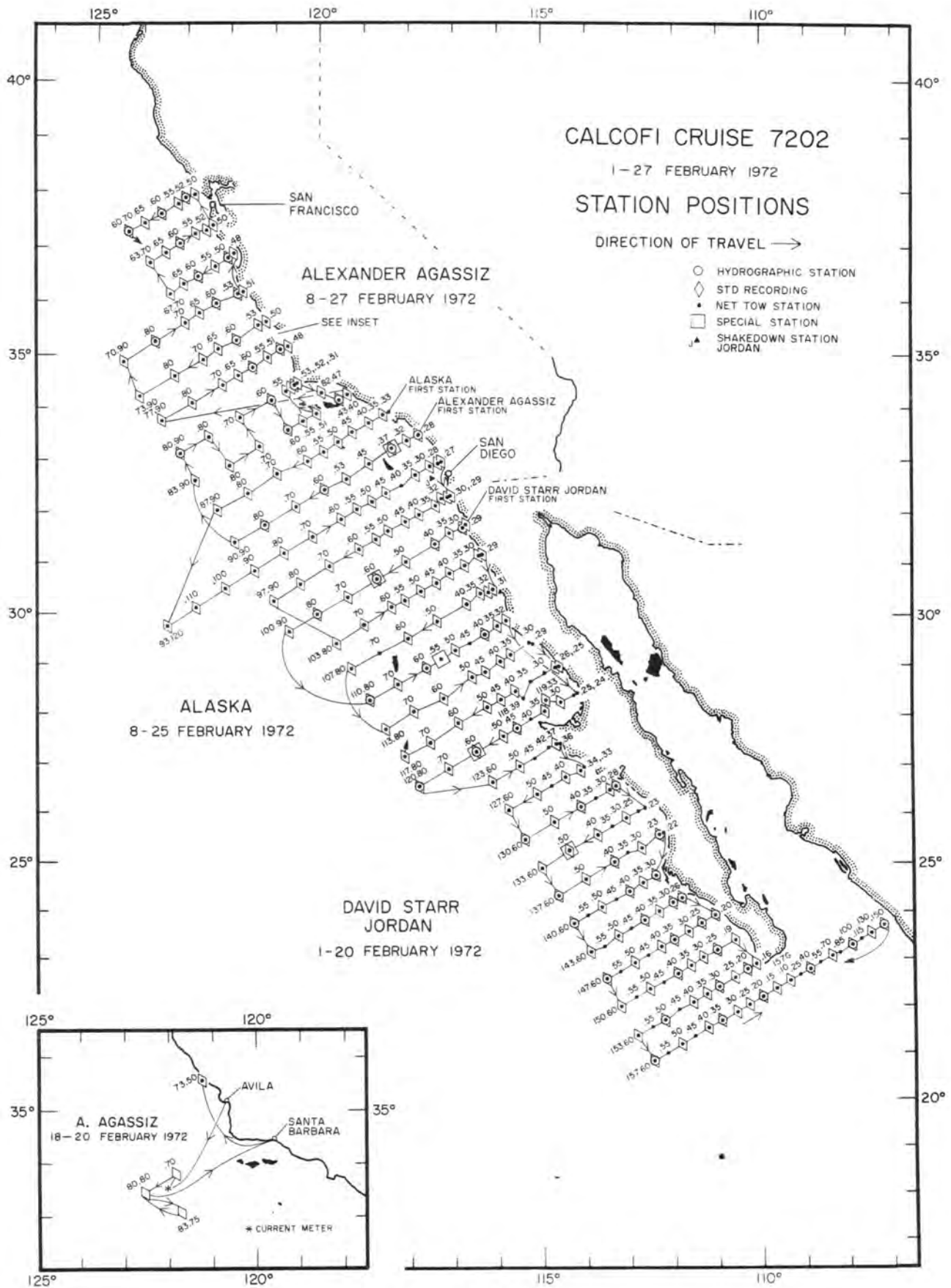


FIGURE 1



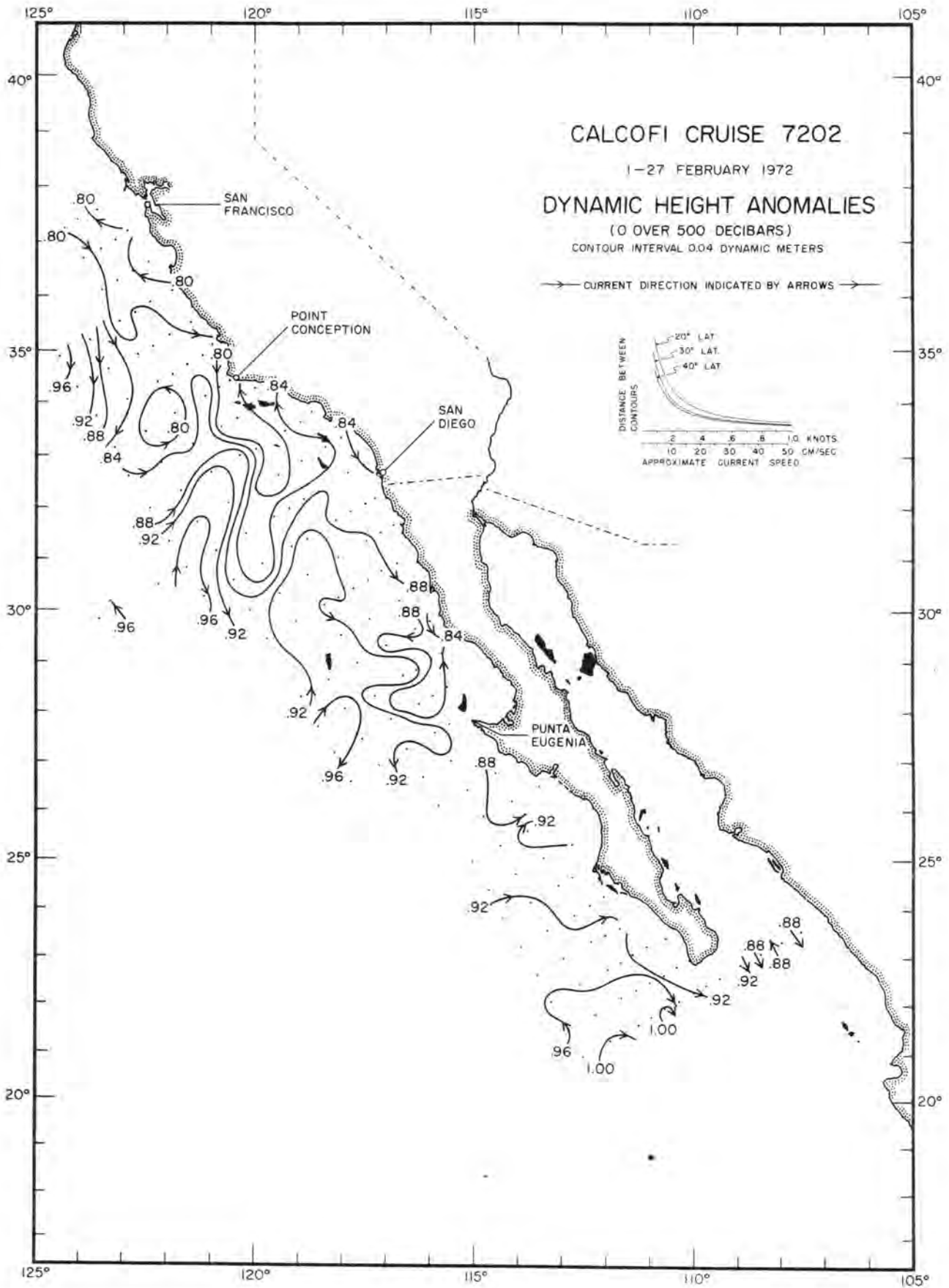


FIGURE 2

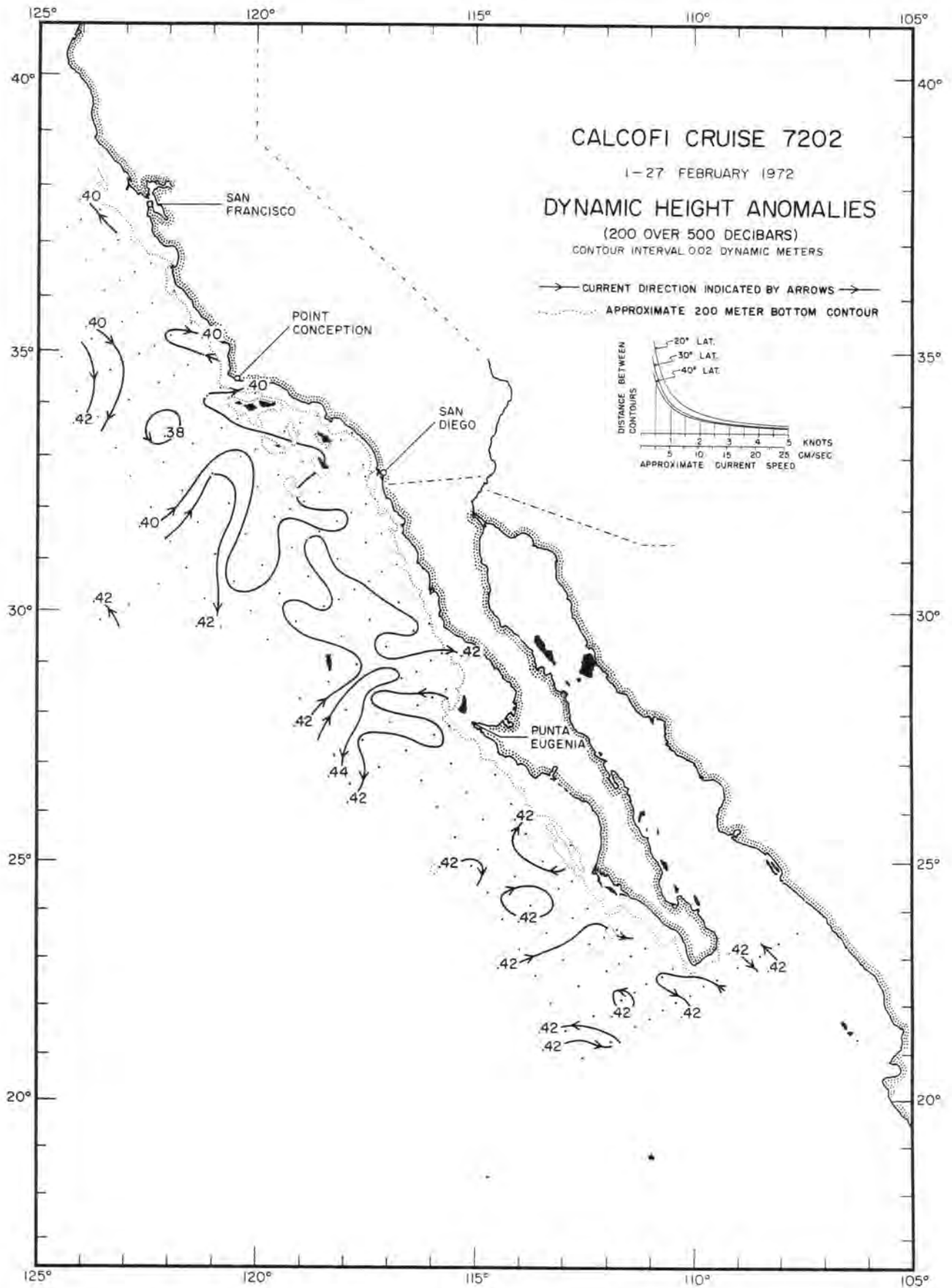


FIGURE 3

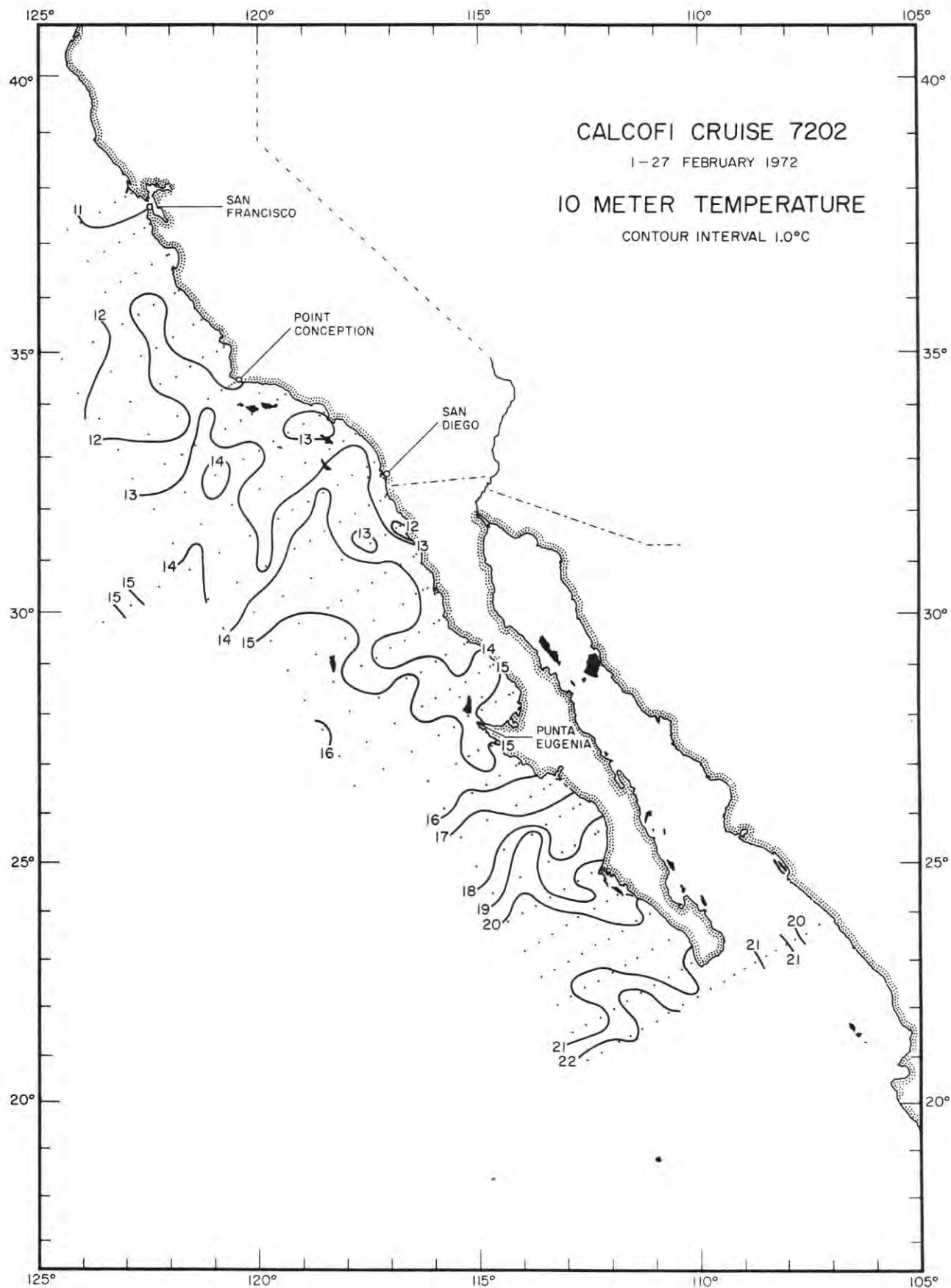


FIGURE 4



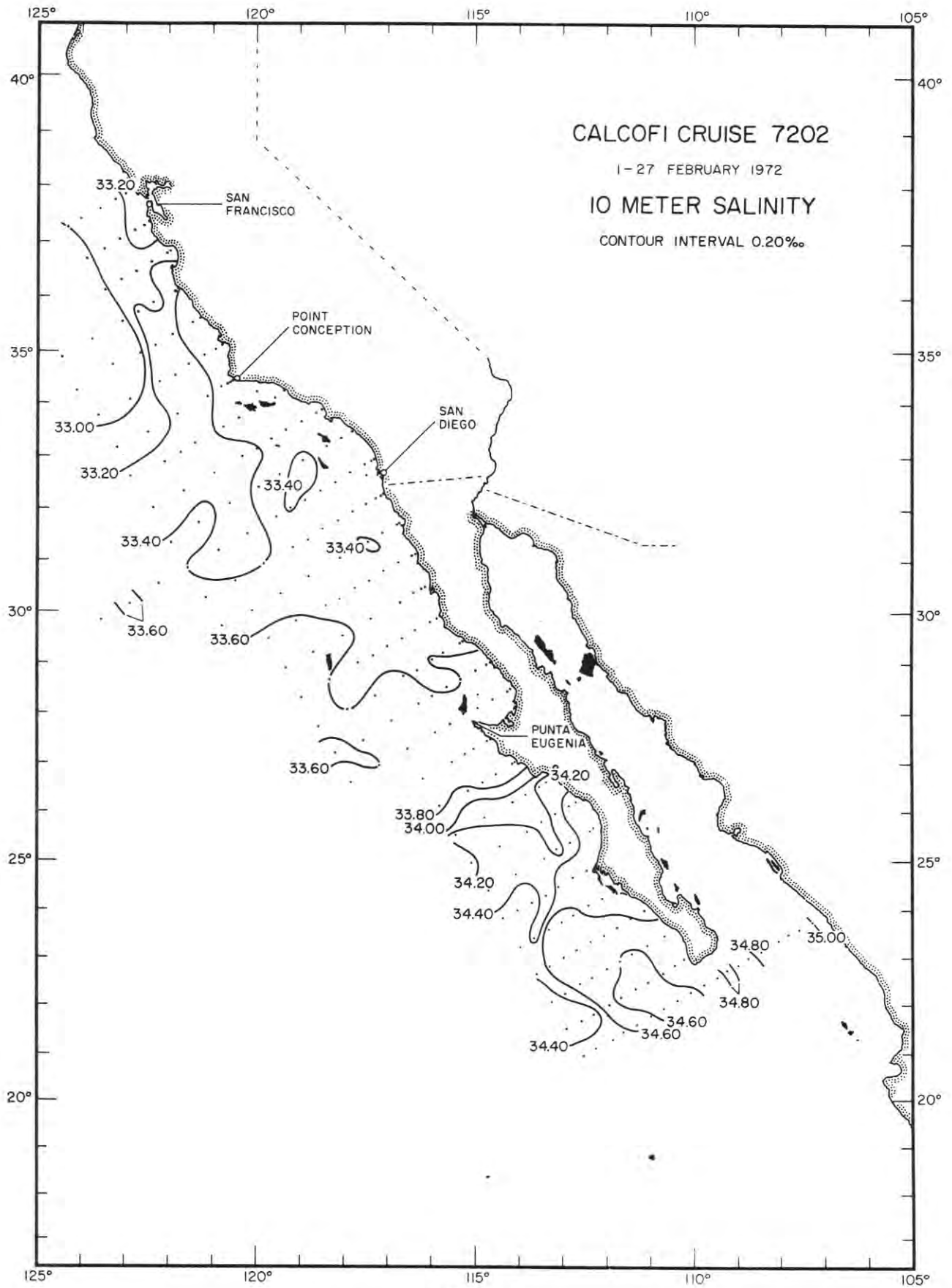
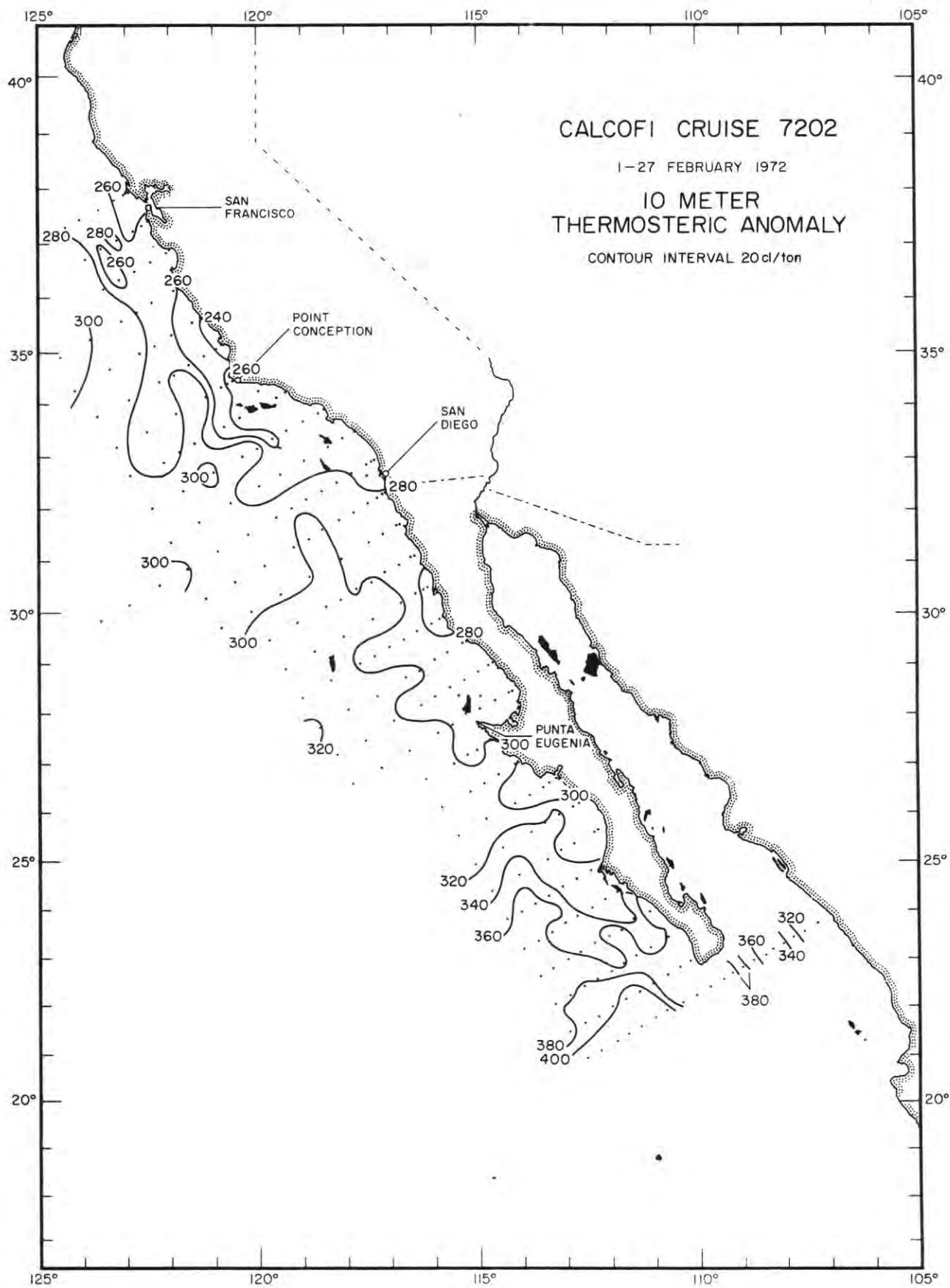


FIGURE 5



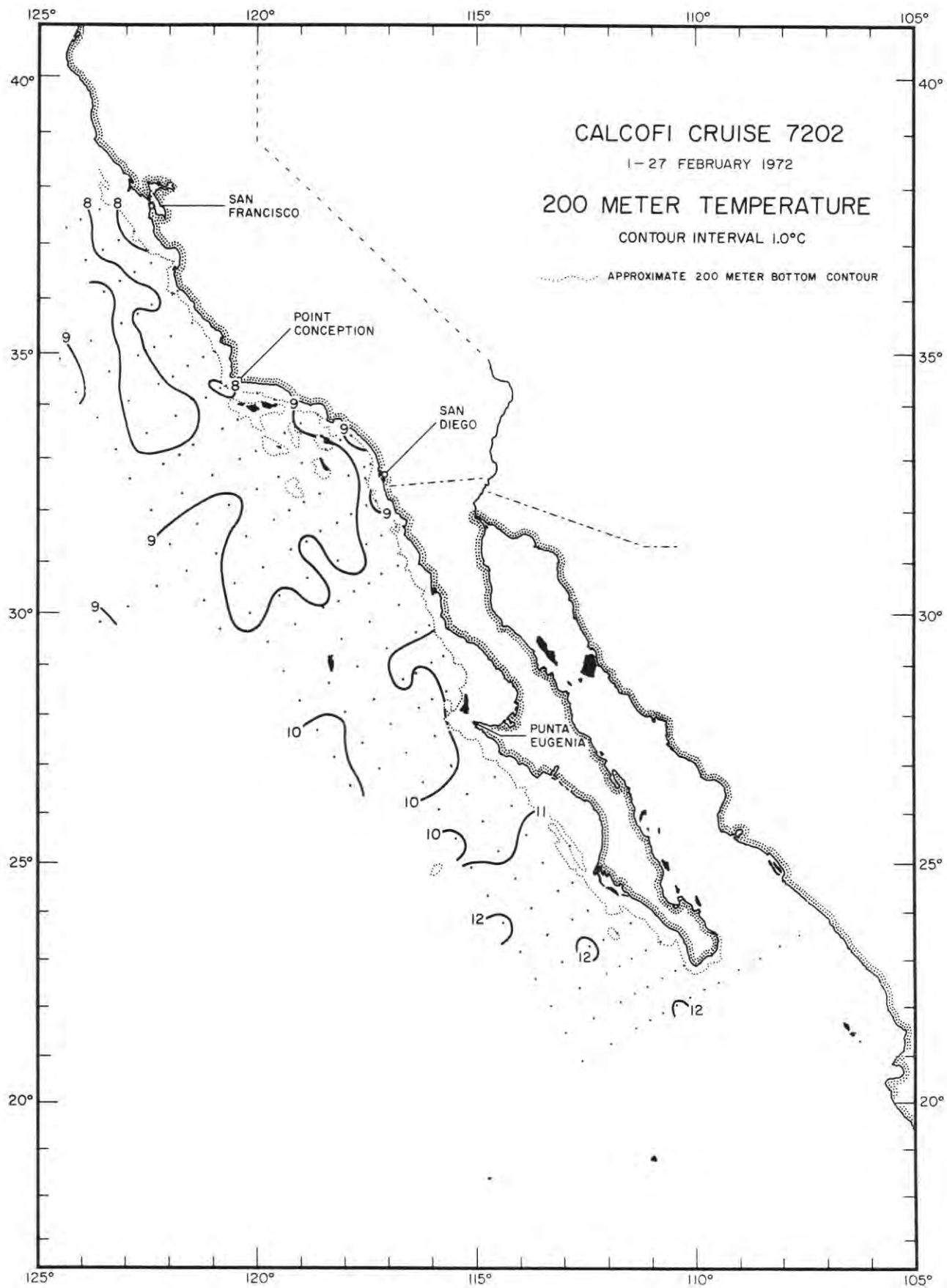


FIGURE 7



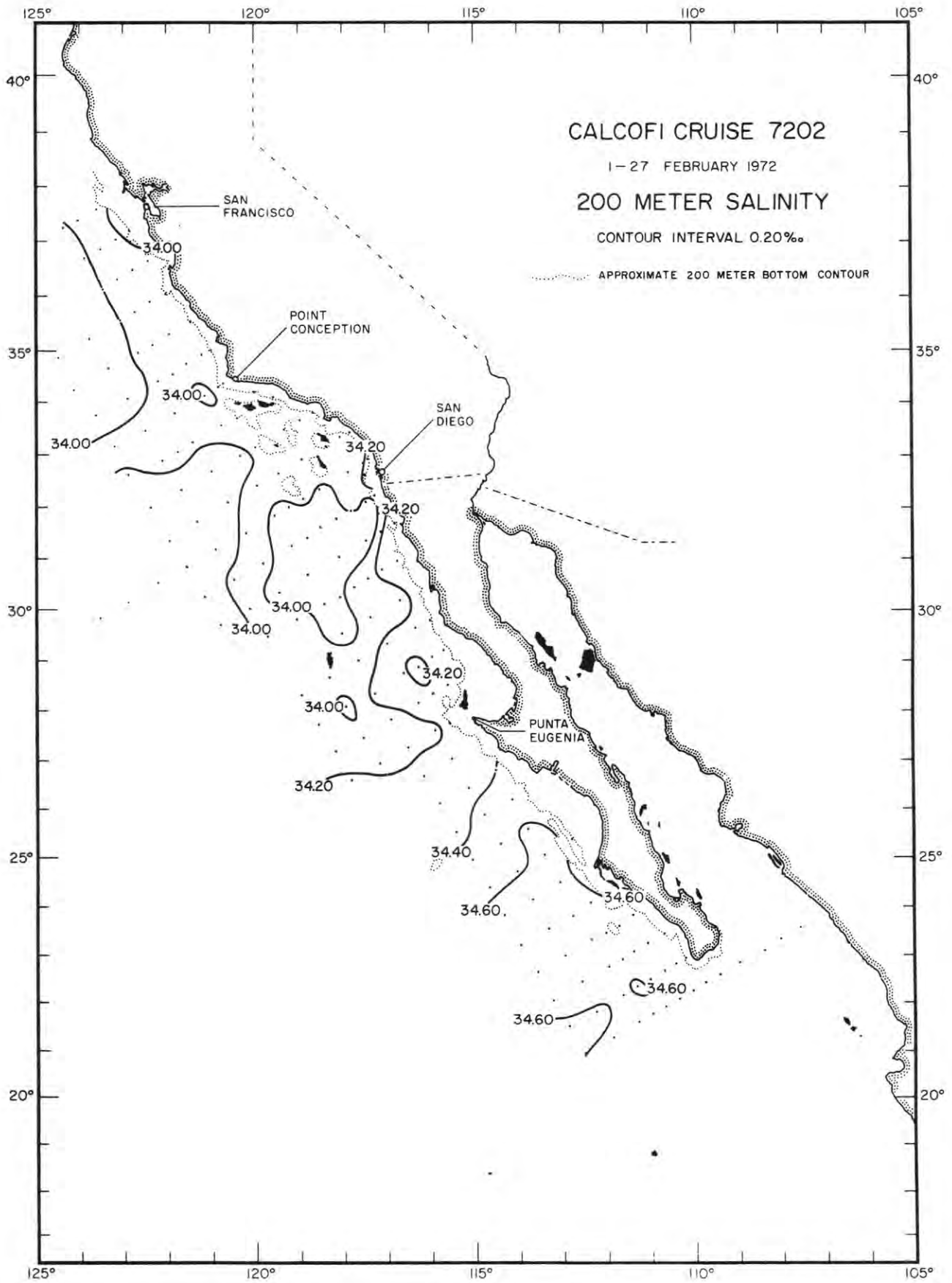


FIGURE 8



PERSONNEL

Cruise 7202

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)	Marine Technician SIO
Barker, Susan G.	Volunteer
Cooke, Gordon R.	Electronics Technician SIO
Gobat, Dagmar	Analyst GEOSECS
Huffer, Robert P.	Marine Technician SIO
Knutson, Kenneth E.	Electronics Technician SIO
Lam, Ronald K.	Post-Graduate Research Oceanographer SIO
Middlemiss, Heather A.	Engineering Aid SIO
Patla, Susan M.	Marine Technician SIO
Pierce, Stephen E.	Marine Technician SIO
Rowe, Raymond A.	Marine Technician SIO
Schmitt, James A.	Electronics Technician SIO
Sessions, Meredith H.	Development Engineer SIO
Smith, Rex D.	Photographic Technician SIO
Waldorf, Bruce W.	Marine Technician GEOSECS
Witherow, Sharon L.	Secretary SIO

RV David Starr Jordan:

Metoyer, Jack D. (in charge)	Biology Laboratory Technician NMFS
Brown, Jack C.	Electronics Technician NMFS
Castro, Thalia	Biologist, Instituto Nacional de Pesca, Mexico
Garcia, Rafael K.	Student, Escuela Superior Ciencias Marinas, Mexico
Granados, Maria L.	Oceanologist, Instituto Nacional de Pesca, Mexico
LeVeille, Kenneth P.	Analyst GEOSECS
Lizarraga, Marcial L.	Student, Escuela Superior Ciencias Marinas, Mexico
Minteer, Robert Z.	Marine Technician SIO
Nishimoto, Robert N.	Fishery Biologist NMFS
Vrooman, Andrew M.	Fishery Research Biologist NMFS
Wells, James A.	Marine Technician SIO



RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 60050

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
37 57.5N		122 53.0W		2/27/72		0220 GMT				45M		330		13KT		1		310 3 3		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SIWT	DT	DD					
									0	11.52	32.55		24.800	315.9	0.000					
									10	10.71	33.27		25.503	249.0	0.028					
									20	10.30	33.32		25.613	236.5	0.053					
									30	10.08	33.35		25.673	232.7	0.076					

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 60052

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
37 54.0N		123 03.0W		2/27/72		0340 GMT				78M		330		11KT		1				
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SIWT	DT	DD					
									0	10.93	33.12		25.348	263.7	0.000					
									10	10.42	33.21		25.506	248.6	0.026					
									20	10.23	33.29		25.601	239.6	0.050					
									30	10.13	33.37		25.680	232.1	0.074					
									50	9.97	33.62		25.902	211.0	0.118					

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 60052

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
37 54.0N		123 03.0W		2/27/72		0405 GMT				78M		330		11KT		1				
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SIWT	DT	DD					
0	10.96	33.126		0.62	9.	0.12	3.8	263.8	0	10.96	33.126		25.347	263.8	0.000					
9	10.54	33.167		0.64	9.	0.11	3.9	253.8	10	10.51	33.175		25.462	252.8	0.026					
20	10.26	33.245		0.82	12.	0.09	7.2	243.4	20	10.26	33.245		25.561	243.4	0.051					
30	10.16	33.361		1.05	12.	0.29	9.7	233.2	30	10.16	33.361		25.668	233.2	0.075					
51	9.91	33.600		1.53	23.	0.30	16.0	211.5	50	9.92	33.590		25.885	212.6	0.119					

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 60055

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
37 48.0N		123 15.5W		2/27/72		0600 GMT				97M		070		8KT		4		49		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SIWT	DT	DD					
									0	10.81	33.12		25.369	261.7	0.000					
									10	10.71	33.12		25.386	260.0	0.026					
									20	10.43	33.27		25.551	244.3	0.051					
									30	10.22	33.33		25.634	236.5	0.075					
									50	9.93	33.38		25.722	228.1	0.122					
									75	10.01	33.55		25.841	216.8	0.178					

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 60060

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME		BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
37 37.0N		123 37.0W		2/27/72		0923 GMT				3239M		190		2KT		4		49		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SIWT	DT	DD					
									0	11.30	33.04		25.219	275.9	0.000					
									10	10.65	33.10		25.346	263.9	0.027					
									20	10.46	33.17		25.468	252.2	0.053					
									30	10.41	33.19		25.493	249.9	0.078					
									50	10.39	33.50		25.737	226.7	0.126					
									75	10.02	33.62		25.893	211.8	0.161					
									100	9.46	33.80		26.127	189.6	0.232					
									125	9.24	33.89		26.233	179.6	0.278					
									150	8.89	33.96		26.343	169.1	0.322					
									200	8.47	34.01		26.447	159.2	0.406					
									250	7.99	34.08		26.575	147.1	0.485					
									300	7.61	34.10		26.646	140.3	0.559					
									400	6.56	34.12		26.807	125.0	0.697					
									500	5.74	34.21		26.983	108.3	0.819					
									600	5.17	34.26		27.092	98.0	0.929					
									700	4.78	34.33		27.192	88.5	1.030					
									800	4.44	34.34		27.269	81.2	1.122					
									1000	3.90	34.47		27.397	69.1	1.289					



RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							6070
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
37 16.5N	124 23.0W	2/27/72			1807	GMI	3918M	190	9KT	4	230 3 5						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD		
0	11.43	32.97	6.56	0.37	3.	0.01	1.2	263.3	0	11.43	32.97	6.56	25.142	283.3	0.000		
10	11.21	32.96	6.61	0.36	4.	0.01	1.6	280.3	10	11.21	32.96	6.61	25.173	280.3	0.028		
30	11.06	33.20	6.51	0.48	5.	0.02	3.8	260.0	20	11.11	33.07	6.58	25.273	270.9	0.056		
50	10.81	33.34	6.14	0.69	8.	0.25	6.0	245.5	30	11.06	33.20	6.51	25.586	260.0	0.082		
70	10.56	33.46	5.66	0.90	10.	0.02	9.0	232.4	50	10.87	33.32	6.25	25.510	248.3	0.133		
85	9.21	33.43	4.81	1.24	15.	0.00	14.5	213.2	75	10.11	33.45	5.39	25.742	226.2	0.193		
100	9.01	33.60	4.08	1.48	22.	0.00	17.7	197.6	100	9.01	33.60	4.08	26.043	197.6	0.246		
130	8.54	33.85	3.65	1.74	28.	0.00	21.8	173.5	125	8.61	33.80	3.72	26.263	176.7	0.294		
155	8.32	33.91	3.58	1.85	32.	0.00	23.1	164.4	150	8.36	33.90	3.59	26.377	165.8	0.337		
181	7.93	33.96	3.41	1.85	35.	0.00	25.0	155.2	200	7.65	33.98	3.27	26.546	149.8	0.418		
216	7.42	33.99	3.12	2.00	42.	0.00	24.6	145.9	250	7.02	34.02	2.56	26.664	138.6	0.491		
281	6.72	34.04	2.02	2.45	54.	0.00	33.4	133.0	300	6.57	34.05	1.83	26.751	130.3	0.561		
382	5.06	34.10	1.28	2.79	69.	0.00	36.0	120.3	400	5.96	34.12	1.15	26.884	117.7	0.689		
482	5.51	34.20	0.66	3.03	83.	0.00	39.8	106.4	500	5.41	34.21	0.64	27.023	104.6	0.806		
618	4.79	34.25	0.48	3.09	100.	0.00		94.7	600	4.88	34.25	0.50	27.114	96.0	0.913		
771	4.24	34.343	0.37	3.21	117.	0.00		82.0	700	4.47	34.30	0.40	27.201	87.7	1.011		
918	3.85	34.429	0.54	3.24	120.	0.00	41.7	71.7	800	4.16	34.36	0.40	27.285	79.7	1.102		
1122	3.36	34.489	0.54	3.20		0.00	44.7	62.5	1000	3.65	34.46	0.54	27.416	67.3	1.265		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							63050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
37 23.5N	122 28.0W	2/26/72			2213	GMI	26M	010	15KT	1	290 2 4						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD		
									0	12.06	33.19		25.195	278.2	0.000		
									10	11.62	33.32		25.378	260.8	0.027		
									20	11.32	33.43		25.518	247.5	0.052		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							63052
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
37 19.0N	122 36.5W	2/26/72			2012	GMI	86M	090	8KT	4	240 3 7						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD		
									0	11.78	33.19		25.248	273.2	0.000		
									10	11.36	33.25		25.371	261.5	0.027		
									20	11.23	33.26		25.402	258.5	0.053		
									30	11.13	33.28		25.436	255.3	0.079		
									50	10.89	33.41		25.580	241.6	0.128		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							63055
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
37 13.0N	122 50.0W	2/26/72			1810	GMI	268M	040	2KT	4	230 2 5						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD		
									0	12.11	33.45		25.387	260.0	0.000		
									10	11.81	33.50		25.482	250.9	0.026		
									20	11.49	33.52		25.557	243.8	0.050		
									30	11.29	33.52		25.593	240.3	0.075		
									50	11.16	33.54		25.632	236.6	0.122		
									75	10.22	33.68		25.906	210.6	0.179		
									100	9.76	33.70		25.999	201.7	0.231		
									125	9.04	33.76		26.157	186.8	0.280		
									150	8.43	33.90		26.368	166.7	0.325		
									200	7.90	33.97		26.502	154.0	0.406		
									250	7.01	34.03		26.676	137.5	0.481		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							63060
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
37 02.5N	123 11.0W	2/26/72			1359	GMI	2129M	300	6KT	2	310 4 6						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD		
									0	11.69	33.05		25.156	282.0	0.000		
									10	11.66	33.06		25.169	280.7	0.028		
									20	11.31	33.28		25.404	258.4	0.055		
									30	11.28	33.47		25.556	243.9	0.080		
									50	11.21	33.54		25.623	237.5	0.129		
									75	10.13	33.64		25.890	212.1	0.185		
									100	9.40	33.87		26.191	183.5	0.235		
									125	8.82	33.97		26.362	167.3	0.279		
									150	8.66	34.00		26.410	162.7	0.321		
									200	8.06	34.09		26.572	147.3	0.400		
									250	7.49	34.15		26.703	134.9	0.473		
									300	7.13	34.17		26.769	128.6	0.541		
									400	6.10	34.19		26.922	114.1	0.667		
									500	5.78	34.29		27.042	102.8	0.782		
									600	5.29	34.33		27.133	94.1	0.887		
									700	4.92	34.37		27.207	87.1	0.985		
									800	4.48	34.42		27.296	78.6	1.076		
									1000	3.91	34.46		27.404	68.4	1.240		



## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

63060

Z	LATITUDE		LONGITUDE			NO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD				
1	11.65	33.054	6.50	0.55	4.	0.05	1.1	281.0	0	11.65	33.054	6.50	25.166	281.0	0.000				
11	11.66	33.051	6.67	0.72	4.	0.04	1.0	281.4	10	11.66	33.054	6.66	25.163	281.3	0.028				
31	11.29	33.448	6.36	0.92	8.	0.37	5.0	245.7	20	11.31	33.217	6.58	25.317	266.7	0.056				
56	11.19	33.522	6.01	0.83	10.	0.67	6.9	238.5	30	11.31	33.427	6.39	25.516	247.7	0.081				
71	11.07	33.537	5.81	1.01	11.	0.50	8.1	235.3	40	11.20	33.503	6.09	25.595	240.2	0.130				
86	10.09	33.585	4.66	1.41	17.	0.03	14.1	215.5	75	10.30	33.572	5.55	25.808	219.9	0.188				
101	9.55	33.774	3.56	1.91	24.	0.01	20.2	193.0	100	9.59	33.761	3.62	26.074	194.6	0.240				
131	9.00	33.908	3.01	2.24	30.	0.00	22.7	174.6	125	9.08	33.898	3.12	26.264	176.6	0.287				
156	8.61	33.971	2.93	2.05	33.	0.01	23.8	164.1	150	8.70	33.959	2.95	26.371	166.4	0.331				
181	8.22	34.037	2.43	2.35	39.	0.01	27.8	153.5	200	8.03	34.021	2.26	26.553	149.1	0.411				
216	7.90	34.071	2.17	2.50	43.	0.00	26.3	146.5	250	7.58	34.105	1.84	26.654	139.6	0.485				
281	7.28	34.131	1.53	2.69	53.	0.00	31.6	133.5	300	7.07	34.142	1.39	26.754	130.1	0.555				
382	6.30	34.179	0.93	3.04	69.	0.00	37.8	117.4	400	6.21	34.192	0.85	26.909	115.4	0.683				
482	5.89	34.244	0.56	3.25	79.	0.00	38.4	107.5	500	5.60	34.255	0.55	27.011	105.7	0.799				
617	5.19	34.317	0.45	3.39	94.	0.00	40.7	94.0	600	5.28	34.309	0.46	27.117	95.7	0.907				
771	4.51	34.399	0.46	3.41	109.	0.01	43.3	80.5	700	4.80	34.364	0.46	27.216	86.3	1.005				
918	4.04	34.442	0.53	3.40	121.	0.00	42.5	72.5	800	4.41	34.410	0.47	27.296	78.7	1.095				
1121	3.57	34.483	0.72	3.32	130.	0.00	41.6	64.9	1000	3.83	34.462	0.59	27.398	69.0	1.259				

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

63065

Z	LATITUDE		LONGITUDE			NO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD				
0	11.84	33.30											25.322	266.2	0.000				
10	11.70	33.37											25.402	258.6	0.026				
20	11.30	33.41											25.506	248.6	0.052				
30	11.21	33.44											25.546	244.9	0.076				
50	10.25	33.51											25.769	223.6	0.123				
75	9.45	33.56											25.941	207.3	0.178				
100	9.14	33.79											26.171	185.5	0.227				
125	9.01	33.90											26.277	175.3	0.273				
150	8.37	33.94											26.408	162.9	0.316				
200	8.29	34.06											26.514	152.8	0.396				
250	7.77	34.11											26.631	141.8	0.472				
300	7.00	34.17											26.787	126.9	0.541				
400	6.38	34.21											26.902	116.0	0.668				
500	5.95	34.26											26.997	107.0	0.785				
600	5.35	34.31											27.110	96.3	0.894				
700	4.89	34.37											27.211	86.7	0.993				
800	4.47	34.42											27.297	78.5	1.083				
1000	3.82	34.48											27.413	67.5	1.246				

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

63070

Z	LATITUDE		LONGITUDE			NO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD				
0	12.09	32.84											24.919	304.5	0.000				
10	11.74	32.83											24.976	299.1	0.030				
20	11.46	32.83											25.028	294.2	0.060				
30	10.76	32.86											25.176	280.1	0.089				
50	10.75	33.09											25.356	262.9	0.143				
75	10.20	33.15											25.497	249.5	0.207				
100	9.56	33.40											25.799	220.8	0.267				
125	9.25	33.70											26.083	193.8	0.319				
150	8.57	33.86											26.315	171.8	0.365				
200	7.92	33.99											26.515	152.8	0.448				
250	7.22	34.02											26.639	141.0	0.523				
300	6.64	34.05											26.742	131.2	0.593				
400	5.82	34.13											26.910	115.2	0.721				
500	5.40	34.24											27.048	102.1	0.836				
600	5.06	34.34											27.168	90.8	0.939				
700	4.70	34.39											27.248	83.2	1.033				
800	4.37	34.43											27.316	76.7	1.120				
1000	3.79	34.49											27.424	66.5	1.280				

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

67048

Z	LATITUDE		LONGITUDE			NO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD				
0	11.72	33.10											25.189	278.8	0.000				
10	11.71	33.11											25.199	277.9	0.028				
20	11.25	33.22											25.362	261.8	0.055				
30	11.01	33.45											25.589	240.7	0.080				
50	10.42	33.45											25.716	228.6	0.127				

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 67050

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD						
									0	11.87	33.06		25.130	284.4	0.000						
									10	11.73	33.10		25.187	279.0	0.028						
									20	11.28	33.18		25.331	265.3	0.055						
									30	10.95	33.47	6.30	25.616	238.2	0.081						
									50	10.45	33.61	5.22	25.812	219.5	0.127						
									75	9.48	33.61	4.33	25.975	204.0	0.180						
									100	9.14	33.91	3.26	26.269	176.1	0.228						

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 67050

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD						
0	11.84	33.074	5.13	0.47	4.	0.04	0.9	282.4	0	11.84	33.074		25.147	282.8	0.000						
11	11.64	33.129	6.56	0.45	4.	0.04	0.4	275.3	10	11.67	33.121		25.213	276.5	0.028						
26	11.00	33.414	6.32	0.67	6.	0.40	3.1	243.2	20	11.26	33.298	6.39	25.426	256.3	0.055						
36	10.81	33.502	6.28	0.77	5.	0.23	4.4	233.5	30	10.92	33.456	6.30	25.608	238.9	0.079						
46	10.48	33.593	5.40	1.20	15.	0.38	11.6	221.7	50	10.46	33.641	5.22	25.834	217.4	0.125						
61	10.30	33.598	4.89	1.29	17.	0.36	13.6		75	9.33	33.666	4.33	26.042	197.7	0.177						
76	9.26	33.658	4.29	1.60	21.	0.04	19.7	197.1	100	9.09	33.857	3.26	26.229	179.9	0.225						
103	9.07	33.878	3.12	1.91	29.	0.00	24.3	177.9													

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 67055

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD						
									0	11.69	33.21		25.280	270.2	0.000						
									10	11.40	33.20		25.325	265.8	0.027						
									20	11.32	33.22		25.355	263.0	0.053						
									30	11.30	33.25		25.382	260.4	0.080						
									50	10.93	33.30		25.487	250.4	0.131						
									75	10.83	33.47		25.637	236.2	0.192						
									100	9.67	33.59		25.929	208.5	0.248						
									125	9.08	33.73		26.133	189.0	0.298						
									150	8.58	33.86		26.329	170.4	0.344						
									200	8.04	34.02		26.520	152.2	0.426						
									250	7.35	34.02		26.620	142.7	0.502						
									300	7.05	34.09		26.717	133.5	0.573						
									400	6.40	34.20		26.891	117.0	0.703						
									500	5.83	34.26		27.012	105.6	0.821						
									600	5.32	34.32		27.121	95.2	0.928						
									700	4.83	34.37		27.218	86.1	1.026						
									800	4.52	34.42		27.292	79.0	1.116						
									1000	3.97	34.48		27.398	69.0	1.281						

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 67060

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD						
									0	11.91	33.01		25.084	288.8	0.000						
									10	11.91	33.14		25.185	279.2	0.028						
									20	11.21	33.20		25.360	262.6	0.056						
									30	11.03	33.35		25.508	248.4	0.081						
									50	11.01	33.46		25.597	240.0	0.130						
									75	10.70	33.54		25.714	228.8	0.189						
									100	9.87	33.68		25.965	205.0	0.244						
									125	9.60	33.84		26.135	188.9	0.294						
									150	9.03	33.97		26.329	170.4	0.339						
									200	8.30	34.06		26.513	153.0	0.422						
									250	7.58	34.09		26.635	141.4	0.497						
									300	7.24	34.13		26.722	133.1	0.568						
									400	6.36	34.17		26.873	118.8	0.699						
									500	5.79	34.27		27.025	104.4	0.817						
									600	5.21	34.31		27.126	94.7	0.923						
									700	4.89	34.36		27.203	87.5	1.021						
									800	4.47	34.40		27.281	80.0	1.113						
									1000	3.86	34.46		27.394	69.4	1.279						

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

67060

Z	LATITUDE			LONGITUDE			NO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02		S10T	DT	DD					
0	11.63	33.014	6.46	0.41	4.	0.01	0.6	287.1	0	11.83	33.014	6.46	25.102	287.1	0.000						
10	11.77	33.111	6.73	0.38	2.	0.01	0.2	278.9	10	11.77	33.111	6.73	25.188	278.9	0.028						
30	11.04	33.330	6.17	0.67	7.	0.16	4.7	250.1	20	11.42	33.226	6.51	25.341	264.4	0.056						
55	11.00	33.465	6.12	0.78	8.	0.15	6.5	239.4	30	11.04	33.330	6.17	25.491	250.1	0.081						
70	11.83	33.499		0.93	9.	0.03	8.0	234.1	40	11.01	33.456	6.14	25.593	240.3	0.131						
85	11.10	33.550	4.91	1.25	16.	0.01	13.2	210.4	50	10.59	33.509	5.40	25.709	229.4	0.190						
100	9.92	33.724	4.22	1.51	21.	0.01	17.2	202.5	60	9.92	33.724	4.22	25.991	202.5	0.244						
130	3.34	33.856	3.28	1.77	27.	0.01	20.5	183.8	70	9.44	33.844	3.39	26.166	185.9	0.293						
155	1.95	33.955	3.00	1.94	32.	0.00	22.7	170.4	80	9.02	33.939	3.04	26.305	172.7	0.339						
180	1.56	34.003	2.87	2.07	38.	0.00	26.3	151.3	90	8.51	34.033	2.46	26.488	155.3	0.422						
215	2.12		2.32						100	7.65	34.078	2.02	26.622	142.6	0.499						
261	7.27	34.041	1.78	2.51	52.	0.00	32.4	136.0	110	7.10	34.111	1.62	26.725	132.8	0.570						
322	6.56	34.188	1.03	2.85	66.	0.00	35.2	119.9	120	6.45	34.201	0.94	26.885	117.7	0.700						
483	5.99	34.249	0.66	3.03	77.	0.00	38.8	108.3	130	5.89	34.260	0.62	27.003	106.4	0.818						
618	5.24	34.322	0.47	3.18	93.	0.00	41.2	94.2	140	5.33	34.314	0.48	27.114	95.9	0.926						
773	4.67	34.385	0.43	3.28	106.	0.00	42.2	83.3	150	4.92	34.359	0.45	27.198	87.9	1.025						
919	4.10	34.428	0.54	3.26	118.	0.00	46.3	74.6	160	4.57	34.394	0.44	27.266	81.5	1.118						
1123	3.61	34.482	0.79	3.22	131.	0.00	42.8	65.4	170	3.90	34.451	0.63	27.382	70.5	1.287						

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

67065

Z	LATITUDE			LONGITUDE			NO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02		S10T	DT	DD					
0									0	12.22	33.47		25.381	260.5	0.000						
10									10	11.51	33.46		25.507	248.6	0.025						
20									20	11.53	33.50		25.534	246.0	0.050						
30									30	11.50	33.54		25.570	242.5	0.075						
50									50	11.30	33.56		25.622	237.6	0.123						
75									75	9.42	33.70		26.055	196.4	0.177						
100									100	8.68	33.83		26.274	175.6	0.224						
125									125	8.42	33.95		26.408	162.9	0.267						
150									150	8.13	33.96		26.460	158.0	0.308						
200									200	7.78	34.04		26.574	147.1	0.386						
250									250	7.17	34.06		26.677	137.4	0.459						
300									300	6.84	34.09		26.746	130.8	0.528						
400									400	6.33	34.17		26.877	118.4	0.657						
500									500	5.51	34.21		27.012	105.6	0.775						
600									600	4.98	34.28		27.129	94.5	0.882						
700									700	4.72	34.35		27.214	86.4	0.979						
800									800	4.43	34.38		27.270	81.1	1.071						
1000									1000	3.87	34.45		27.385	70.3	1.239						

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

67070

Z	LATITUDE			LONGITUDE			NO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02		S10T	DT	DD					
0									0	12.21	32.96		24.989	297.8	0.000						
10									10	11.91	32.96		25.045	292.5	0.030						
20									20	11.63	33.11		25.213	276.5	0.058						
30									30	11.64	33.37		25.413	257.5	0.085						
50									50	11.18	33.55		25.636	236.2	0.134						
75									75	11.05	33.56		25.667	233.3	0.193						
100									100	10.35	33.64		25.853	215.7	0.250						
125									125	9.02	33.70		26.120	190.3	0.301						
150									150	8.63	33.83		26.282	174.9	0.348						
200									200	8.04	34.00		26.505	153.7	0.431						
250									250	7.05	33.99		26.639	141.0	0.507						
300									300	6.53	34.03		26.741	131.3	0.577						
400									400	6.11	34.17		26.905	115.7	0.705						
500									500	5.46	34.23		27.033	103.6	0.820						
600									600	5.00	34.31		27.151	92.4	0.925						
700									700	4.65	34.37		27.238	84.2	1.020						
800									800	4.35	34.41		27.302	78.0	1.109						
1000									1000	3.73	34.48		27.423	66.7	1.270						

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

70051

Z	LATITUDE			LONGITUDE			NO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02		S10T	DT	DD					
0									0	11.70	33.37		25.402	258.6	0.000						
10									10	11.69	33.40		25.427	256.2	0.026						
20									20	11.34	33.45		25.530	246.4	0.051						
30									30	11.19	33.50		25.596	240.1	0.075						
50									50	10.55	33.55		25.748	225.6	0.122						
75									75	9.97	33.74		25.995	202.1	0.176						
100									100	9.66	33.84		26.125	189.8	0.225						
125									125	9.29	33.93		26.256	177.4	0.272						
150									150	8.98	33.99		26.352	168.2	0.316						
200									200	8.43	34.09		26.516	152.6	0.397						
250									250	7.85	34.17		26.627	142.1	0.473						



RV ALLXANDER AGASSIZ CALCOFI CRUISE 7202 70053

LATITUDE	LONGITUDE	MO/DAT/YR	MFSSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DUMINANT WAVES						
36 06.5N	121 54.0W	2/24/72	1546	GMT	977M	010	16KT	1	280 8 8						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	11.87	33.33		25.339	264.5	0.000
									10	11.82	33.36		25.372	261.4	0.026
									20	11.63	33.39		25.430	255.8	0.052
									30	11.07	33.43		25.963	243.2	0.077
									50	9.74	33.64		25.956	205.9	0.122
									75	9.49	33.83		26.145	187.9	0.172
									100	9.35	33.91		26.230	179.8	0.218
									125	9.07	33.95		26.307	172.5	0.263
									150	8.66	34.03		26.434	160.5	0.305
									200	8.18	34.09		26.554	149.0	0.384
									250	7.76	34.12		26.640	140.9	0.458
									300	7.34	34.15		26.724	132.9	0.529
									400	6.58	34.18		26.852	120.8	0.661
									500	5.86	34.25		27.000	106.7	0.781
									600	5.41	34.30		27.095	97.8	0.890
									700	4.97	34.36		27.194	88.3	0.991
									800	4.58	34.41		27.277	80.4	1.083

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 70053

LATITUDE	LONGITUDE	MO/DAT/YR	MFSSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DUMINANT WAVES						
36 06.5N	121 54.0W	2/24/72	1705	GMT	977M	010	16KT	1	280 8 8						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	11.81	33.327	6.38	25.348	263.7	0.000
									10	11.55	33.371	6.40	25.428	256.1	0.026
									20	11.17	33.446	6.05	25.957	243.8	0.051
									30	10.71	33.524	5.52	25.700	230.2	0.075
									50	9.72	33.605	4.55	25.931	208.2	0.119
									75	9.51	33.757	3.74	26.083	193.8	0.169
									100	9.27	33.920	3.01	26.251	177.8	0.216
									125	8.97	33.973	2.91	26.339	169.5	0.260
									150	8.71	34.024	2.62	26.421	161.7	0.302
									200	8.20	34.070	2.31	26.535	150.8	0.382
									250	7.75	34.106	1.98	26.633	141.6	0.457
									300	7.26	34.138	1.57	26.712	134.1	0.528
									400	6.55	34.187	0.89	26.863	119.7	0.660
									500	5.91	34.251	0.76	26.994	107.3	0.780
									600	5.37	34.300	0.53	27.098	97.4	0.889
									700	4.98	34.357	0.49	27.190	88.7	0.990
									800	4.63	34.409	0.49	27.270	81.1	1.083

PV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 70060

LATITUDE	LONGITUDE	MO/DAT/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DUMINANT WAVES						
35 53.5N	122 24.0W	2/24/72	1014	GMT	2502M	360	7KT	1	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	12.51	33.39		25.264	271.7	0.000
									10	12.39	33.39		25.287	269.5	0.027
									20	11.88	33.40		25.392	259.5	0.054
									30	11.74	33.40		25.418	257.0	0.079
									50	11.22	33.52		25.806	239.1	0.129
									75	10.52	33.65		25.831	217.7	0.187
									100	9.62	33.83		26.124	189.9	0.238
									125	8.96	33.93		26.309	172.4	0.284
									150	8.89	34.06		26.421	161.6	0.326
									200	7.89	34.06		26.574	147.2	0.405
									250	7.73	34.13		26.652	139.7	0.479
									300	7.34	34.18		26.747	130.7	0.549
									400	6.38	34.21		26.902	116.0	0.677
									500	6.03	34.28		27.002	106.5	0.795
									600	5.43	34.32		27.108	96.5	0.903
									700	5.00	34.36		27.190	88.7	1.003
									800	4.62	34.41		27.273	80.8	1.096
									1000	4.01	34.48		27.394	69.4	1.264

RV ALLXANDER AGASSIZ CALCOFI CRUISE 7202 70060

LATITUDE	LONGITUDE	MO/DAT/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DUMINANT WAVES						
35 53.5N	122 24.0W	2/24/72	1127	GMT	2502M	360	7KT	1	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	12.45	33.383	6.44	25.270	271.1	0.000
									10	12.38	33.375	6.48	25.276	270.5	0.027
									20	11.93	33.399	6.42	25.374	261.2	0.054
									30	11.80	33.410	6.36	25.413	257.5	0.080
									50	11.20	33.513	5.60	25.603	239.4	0.130
									75	10.45	33.622	4.44	25.819	218.6	0.187
									100	9.55	33.805	3.57	26.115	190.7	0.239
									125	9.00	33.919	3.35	26.293	173.8	0.285
									150	8.94	34.006	2.86	26.371	166.5	0.328
									200	8.05	34.028	2.88	26.523	152.0	0.409
									250	7.60	34.077	2.32	26.629	141.9	0.485
									300	7.43	34.148	1.57	26.709	134.3	0.556
									400	6.75	34.224	0.90	26.863	119.7	0.688
									500	6.02	34.262	0.56	26.989	107.8	0.808
									600	5.39	34.296	0.44	27.093	97.9	0.918
									700	4.95	34.347	0.44	27.185	89.2	1.019
									800	4.60	34.399	0.47	27.266	81.5	1.113
									1000	3.92	34.472	0.65	27.396	69.1	1.280

FV ALEXANDER AGASSIZ

CALCOFI CRUISE 7202

70065

Z	LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
				N02	N03	DT		Z	T	S			02	SI0T	DT	DD
	35 45.0N	122 45.0W	2/24/72	0728	GMT	2456M										
	T	S	02	P04	S103											
							0	12.10	33.05				25.079	289.2	0.000	
							10	12.13	33.12				25.174	280.2	0.028	
							20	11.97	33.32				25.313	267.0	0.056	
							30	11.68	33.34				25.382	260.4	0.062	
							50	11.20	33.40				25.516	247.6	0.133	
							75	10.81	33.57				25.718	226.5	0.193	
							100	9.88	33.70				25.979	203.6	0.248	
							125	9.56	33.93				26.212	181.6	0.296	
							150	8.92	33.95				26.331	170.3	0.341	
							200	8.51	34.07				26.488	155.3	0.424	
							250	7.55	34.03				26.600	144.7	0.501	
							300	6.84	34.07				26.730	132.3	0.572	
							400	6.32	34.20				26.902	116.0	0.701	
							500	5.86	34.22				27.024	104.5	0.818	
							600	5.33	34.33				27.128	94.6	0.924	
							700	4.89	34.39				27.227	85.2	1.021	
							800	4.47	34.42				27.297	78.5	1.111	
							1000	3.85	34.42				27.410	67.8	1.274	

FV ALEXANDER AGASSIZ

CALCOFI CRUISE 7202

70070

Z	LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
				N02	N03	DT		Z	T	S			02	SI0T	DT	DD
	35 33.0N	123 05.5W	2/24/72	0449	GMT	3830M										
	T	S	02	P04	S103											
							0	12.12	32.99				25.029	294.0	0.000	
							10	11.84	32.96				25.058	291.2	0.029	
							20	11.51	33.06				25.197	278.1	0.058	
							30	11.29	33.13				25.291	269.1	0.085	
							50	10.71	33.38				25.588	240.8	0.136	
							75	9.42	33.55				25.938	207.5	0.193	
							100	9.15	33.86				26.224	180.4	0.242	
							125	8.64	33.87				26.312	172.0	0.286	
							150	8.28	33.94				26.422	161.6	0.329	
							200	7.62	34.00				26.566	147.9	0.407	
							250	6.96	34.01				26.667	138.3	0.481	
							300	6.46	34.04				26.758	129.7	0.550	
							400	6.27	34.21				26.916	114.7	0.677	
							500	5.73	34.24				27.040	102.9	0.792	
							600	5.17	34.35				27.163	91.3	0.895	
							700	4.83	34.39				27.234	84.6	0.991	
							800	4.45	34.44				27.315	76.8	1.079	
							1000	3.86	34.49				27.417	67.2	1.240	

FV ALEXANDER AGASSIZ

CALCOFI CRUISE 7202

70080

Z	LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
				N02	N03	DT		Z	T	S			02	SI0T	DT	DD
	35 13.0N	123 47.5W	2/23/72	1945	GMT	4062M										
	T	S	02	P04	S103											
							0	12.43	32.94				24.932	303.3	0.000	
							10	12.35	32.94				24.947	301.8	0.030	
							20	12.34	32.96				24.964	300.2	0.060	
							30	12.33	32.96				24.966	300.0	0.090	
							50	12.36	32.98				24.976	299.1	0.151	
							75	11.58	32.83				25.006	296.3	0.225	
							100	11.40	33.25				25.364	262.2	0.296	
							125	10.50	33.30				25.563	243.3	0.359	
							150	9.29	33.49				25.913	210.0	0.417	
							200	8.43	33.89				26.360	167.5	0.513	
							250	7.59	34.00				26.571	147.5	0.593	
							300	6.96	34.02				26.675	137.6	0.667	
							400	6.02	34.12				26.877	118.4	0.800	
							500	5.53	34.20				27.001	106.6	0.918	
							600	4.97	34.27				27.123	95.1	1.025	
							700	4.83	34.36				27.226	85.3	1.122	
							800	4.42	34.41				27.295	78.8	1.212	
							1000	3.87	34.47				27.400	66.8	1.376	

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

700&amp;0

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
35 14.0N		123 47.5W		2/23/72		2104 GMT			4062M	010	10KT	1	240 8 9		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
0	12.56	32.956	6.21	0.38	1.	0.00	0.0	304.5	0	12.56	32.956	6.21	24.919	304.5	0.000
10		32.953	6.23	0.33	3.	0.00	0.0		10	12.48	32.953	6.23	24.935	303.0	0.030
31	12.36	32.958	6.30	0.39	2.	0.01	0.0	300.7	20	12.42	32.960	6.26	24.948	301.7	0.061
56	12.29	32.955	6.70U	0.41	1.	0.00	0.0	299.7	30	12.36	32.961	6.30	24.958	300.8	0.091
71	11.90	32.896	6.29	0.39	1.	0.00	0.0	297.0	50	12.31	32.957	6.30	24.966	300.0	0.151
86	11.16	32.840	6.25	0.47	2.	0.06	0.3	288.3	75	11.68	32.867	6.28	25.015	295.4	0.226
101	11.31	33.111	6.19	0.65	3.	0.09	1.9	270.9	100	11.29	33.092	6.20	25.259	272.1	0.297
131	10.47	33.294	5.51	0.95	9.	0.00	7.9	243.2	125	10.72	33.278	5.69	25.504	248.8	0.363
156	9.28	33.462	4.74	1.41	16.	0.00	13.4	211.9	150	9.55	33.419	4.93	25.814	219.4	0.422
181	8.93	33.687	4.14	1.71	24.	0.00	19.1	189.9	200	8.59	33.807	3.83	26.268	176.2	0.523
216	8.30	33.878	3.62	1.84	31.	0.00	21.5	166.5	250	7.74	33.956	3.16	26.513	152.9	0.607
282	7.26	33.980	2.76	2.29	44.	0.00	28.6	144.5	300	7.00	33.995	2.56	26.648	140.1	0.682
382	6.05	34.046	1.76	2.66	65.	0.00	33.7	124.3	400	5.93	34.068	1.58	26.847	121.3	0.818
482	5.52	34.160	0.88	3.03	78.	0.01	42.8U	109.5	500	5.40	34.171	0.80	26.993	107.4	0.938
617	4.72	34.232	0.52	3.28	98.	0.00	43.8	95.3	600	4.81	34.224	0.53	27.104	96.8	1.046
772	4.53	34.391	0.41	3.39	108.	0.00	42.2	81.3	700	4.59	34.320	0.46	27.204	87.3	1.145
918	4.08	34.444	0.49	3.30U	116.	0.00	42.5	72.8	800	4.45	34.406	0.41	27.288	79.5	1.236
1120	3.53	34.496	0.75	3.49	129.	0.01	43.0	63.6	1000	3.85	34.469	0.57	27.401	68.7	1.401

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

70090

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
34 53.0N		124 30.0W		2/23/72		1415 GMT			4212M	260	8KT	1	290 8 9		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
0									0	12.43	32.91		24.908	305.5	0.000
10									10	12.43	32.92		24.916	304.8	0.031
20									20	12.42	32.92		24.918	304.6	0.061
30									30	12.35	32.92		24.931	303.3	0.091
50									50	12.11	32.95		25.000	296.8	0.152
75									75	11.61	32.94		25.085	288.7	0.225
100									100	10.71	32.94		25.246	273.3	0.296
125									125	10.50	33.10		25.407	258.1	0.363
150									150	10.55	33.49		25.701	230.1	0.425
200									200	9.08	33.81		26.196	183.1	0.530
250									250	8.56	34.01		26.434	160.5	0.618
300									300	8.10	34.13		26.598	144.9	0.696
400									400	7.13	34.17		26.769	128.6	0.839
500									500	6.42	34.26		26.936	112.8	0.966
600									600	5.70	34.29		27.051	101.9	1.081
700									700	4.93	34.30		27.151	92.4	1.186
800									800	4.63	34.36		27.232	84.7	1.282
1000									1000	4.07	34.45		27.364	72.2	1.457

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

73050

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
35 17.5N		121 17.5W		2/22/72		0804 GMT			104M	090	8KT	6	49		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
0									0	11.58	33.54		25.556	243.9	0.000
10									10	11.49	33.53		25.564	243.1	0.024
20									20	11.36	33.55		25.604	239.3	0.049
30									30	10.78	33.64		25.778	222.8	0.072
50									50	10.49	33.70		25.875	213.5	0.115
75									75	10.37	33.72		25.911	210.1	0.169

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

73053

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
35 31.5N		121 28.5W		2/22/72		1106 GMT			744M	020	7KT	4	49		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
0									0	12.09	33.50		25.429	255.9	0.000
10									10	11.88	33.53		25.492	249.9	0.025
20									20	11.62	33.52		25.496	249.6	0.050
30									30	11.58	33.52		25.540	245.4	0.075
50									50	10.40	33.65		25.852	215.7	0.121
75									75	9.93	33.81		26.056	196.3	0.173
100									100	9.44	33.89		26.200	182.7	0.221
125									125	9.25	33.96		26.286	174.5	0.266
150									150	8.92	34.02		26.385	165.1	0.309
200									200	8.47	34.11		26.526	151.7	0.390
250									250	7.94	34.16		26.645	140.4	0.465
300									300	7.42	34.18		26.736	131.8	0.536
400									400	6.54	34.23		26.897	116.5	0.665
500									500	5.81	34.28		27.030	103.9	0.781
600									600	5.32	34.34		27.137	93.7	0.887





RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 73070

Z	LATITUDE	LONGITUDE	#0/DAY/YR	MESSENGER TIME			BOTTOM	WIND			WEATHER	DOMINANT WAVES		
				N02	N03	DT		Z	T	S		02	SIGT	DT
	34 57.0N	122 41.0W	2/22/72	2251	GMT		4053M	200	4KT	1	220	8	7	
0														
10									11.66	32.89		25.038	293.2	0.000
20									11.59	32.91		25.066	290.5	0.029
30									11.04	32.87		25.134	284.1	0.058
40									10.59	32.93		25.260	272.1	0.086
50									11.19	33.29		25.433	255.6	0.139
75									10.47	33.47		25.700	230.2	0.200
100									9.31	33.47		25.894	211.8	0.256
125									9.06	33.78		26.176	185.0	0.306
150									8.43	33.90		26.368	166.7	0.350
200									7.50	34.01		26.591	145.5	0.430
250									6.89	34.05		26.708	134.4	0.501
300									6.63	34.10		26.782	127.4	0.569
400									5.77	34.12		26.909	115.4	0.695
500									5.30	34.21		27.037	103.2	0.810
600									4.98	34.29		27.137	93.7	0.915
700									4.62	34.36		27.233	84.6	1.011
800									4.39	34.42		27.306	77.7	1.099
1000									3.82	34.49		27.421	66.8	1.261

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 73080

Z	LATITUDE	LONGITUDE	#0/DAY/YR	MESSENGER TIME			BOTTOM	WIND			WEATHER	DOMINANT WAVES		
				N02	N03	DT		Z	T	S		02	SIGT	DT
	34 38.5N	123 21.5W	2/23/72	0343	GMT		4147M	020	7KT					
0									12.23	32.88		24.923	304.1	0.000
10									11.59	32.65		25.019	295.0	0.030
20									11.07	32.85		25.113	286.0	0.059
30									11.08	32.68		25.135	284.0	0.088
40									10.41	33.01		25.353	263.2	0.142
50									10.26	33.10		25.448	254.1	0.207
75									9.78	33.18		25.591	240.6	0.270
100									9.42	33.51		25.907	210.5	0.327
125									8.89	33.75		26.179	184.7	0.377
150									8.36	33.96		26.425	161.3	0.465
200									7.52	34.01		26.588	145.8	0.543
250									7.01	34.04		26.684	136.7	0.616
300									6.13	34.10		26.848	121.2	0.750
400									5.38	34.19		27.011	105.7	0.869
500									4.96	34.24		27.100	97.2	0.977
600									4.54	34.31		27.203	87.5	1.076
700									4.27	34.38		27.267	79.5	1.167
800									3.78	34.46		27.402	66.7	1.331
1000														

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 73090

Z	LATITUDE	LONGITUDE	#0/DAY/YR	MESSENGER TIME			BOTTOM	WIND			WEATHER	DOMINANT WAVES		
				N02	N03	DT		Z	T	S		02	SIGT	DT
	34 19.0N	124 04.0W	2/23/72	0839	GMT		3775M	260	11KT	0				
0									12.72	32.94		24.876	308.6	0.000
10									12.63	32.93		24.885	307.7	0.031
20									12.38	32.94		24.941	302.4	0.061
30									12.29	32.96		24.974	299.3	0.092
40									12.17	32.96		24.997	297.1	0.151
50									11.54	32.90		25.067	290.4	0.225
75									11.04	32.98		25.219	275.9	0.296
100									9.89	33.05		25.472	251.9	0.363
125									9.34	33.35		25.795	221.1	0.423
150									9.02	33.82		26.213	181.4	0.525
200									8.33	34.01		26.469	157.1	0.612
250									7.73	34.08		26.613	143.4	0.689
300									6.71	34.12		26.787	126.9	0.830
400									5.96	34.19		26.940	112.4	0.956
500									5.44	34.27		27.067	100.3	1.069
600									4.90	34.33		27.176	89.8	1.171
700									4.53	34.38		27.259	82.2	1.265
800									3.94	34.46		27.385	70.2	1.435
1000														

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 77048

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
35 08.0N	120 43.0W	2/17/72	1844	GMT	24M	210	10KT	4	300	2	9				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	11.45	33.60		25.626	237.2	0.000
									10	11.36	33.59		25.635	236.4	0.024
									20	10.70	33.59		25.753	225.2	0.047

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 77051

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
35 02.0N	120 56.5W	2/17/72	1550	GMT	27M	270	2KT	1	270	5	7				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	11.79	33.42		25.424	256.5	0.000
									10	11.58	33.44		25.478	251.3	0.025
									20	11.54	33.48		25.516	247.6	0.050
									30	11.55	33.49		25.522	247.1	0.075
									50	10.92	33.54		25.675	232.5	0.123
									75	10.45	33.73		25.905	210.7	0.179
									100	9.93	33.79		26.041	197.8	0.231
									125	9.66	33.64		26.125	189.8	0.280
									150	8.93	33.96		26.337	169.7	0.325
									200	8.23	34.11		26.562	146.3	0.406

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 77051

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
35 02.0N	120 56.5W	2/17/72	1634	GMT	27M	270	2KT	1	270	5	7				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	11.66	33.426	6.25	25.453	253.7	0.000
									11	11.54	33.437	6.14	25.480	251.1	0.025
									32	11.31	33.512	5.81	25.517	247.6	0.050
									47	11.00	33.546	5.28	25.570	242.5	0.075
									58	10.90	33.636	4.75	25.714	228.8	0.122
									73	10.71	33.668	4.46	25.835	217.4	0.178
									88	10.07	33.755	3.91	26.061	195.9	0.230
									108	9.71	33.809	1.73	26.176	185.0	0.278
									128	9.36	33.862	3.46	26.331	170.2	0.324
									153	8.82	33.953	3.34	26.498	154.4	0.406
									179	8.67	34.024	2.86			
									205	8.39	34.081	2.42			
									232	8.11		2.45			

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 77055

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
34 54.5N	121 12.5W	2/17/72	1320	GMT	558M	020	11KT	0	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	11.59	33.43		25.469	252.2	0.000
									10	11.60	33.43		25.467	252.4	0.025
									20	11.60	33.47		25.498	249.4	0.050
									30	11.59	33.48		25.507	248.5	0.075
									50	10.85	33.58		25.719	228.4	0.123
									75	10.21	33.71		25.931	208.2	0.178
									100	9.59	33.84		26.136	188.7	0.228
									125	9.42	33.93		26.234	179.4	0.275
									150	9.17	34.00		26.330	170.3	0.319
									200	8.66	34.07		26.465	157.5	0.403
									250	7.89	34.12		26.621	142.7	0.480
									300	7.58	34.17		26.705	134.7	0.551
									400	6.62	34.21		26.870	119.0	0.684
									500	6.10	34.27		26.985	108.1	0.803

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 77060

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
34 44.5N	121 33.5W	2/17/72	0951	GMT	935M	340	11KT	0	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	12.46	33.32		25.219	275.9	0.000
									10	12.46	33.32		25.219	275.9	0.028
									20	12.46	33.33		25.227	275.2	0.055
									30	12.46	33.33		25.227	275.2	0.083
									50	12.43	33.33		25.233	274.6	0.138
									75	10.55	33.43		25.655	234.5	0.202
									100	10.05	33.63		25.891	212.0	0.258
									125	9.42	33.81		26.141	188.3	0.309
									150	8.94	33.92		26.304	172.8	0.355
									200	8.14	34.03		26.513	152.9	0.438
									250	7.42	34.03		26.618	142.9	0.513
									300	6.88	34.05		26.709	134.3	0.585
									400	6.10	34.15		26.891	117.1	0.715
									500	5.72	34.26		27.025	104.3	0.832

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

77060

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
34 44.5N		121 33.5W		2/17/72		1017		GMT	935M	340	11KT	0	49		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	12.40	33.326	6.19	0.30	2.	0.01	0.5	274.3	0	12.40	33.326	6.19	25.236	274.3	0.000
10	12.44	33.325	6.20	0.27	2.	0.01	0.4	275.2	10	12.44	33.325	6.20	25.227	275.2	0.027
30	12.42	33.324	6.22	0.30	2.	0.01	0.5	274.9	20	12.43	33.327	6.21	25.229	275.0	0.055
40	12.41	33.330	6.23	0.27	2.	0.01	0.7	274.2	30	12.42	33.324	6.22	25.230	274.9	0.083
50	12.37	33.323	6.19	0.30	2.	0.02	0.7	274.0	50	12.37	33.323	6.19	25.239	274.0	0.138
65	11.23	33.354	5.56	0.66	7.	0.00	7.4	251.6	75	10.68	33.398	5.62	25.606	239.2	0.202
80	10.47	33.424	5.64	0.89	10.	0.00	11.3	233.6	100	10.08	33.602	4.51	25.869	214.1	0.259
100	10.08	33.602	4.51	1.20	16.	0.01	17.3	214.1	125	9.48	33.764	3.73	26.095	192.6	0.311
125	9.48	33.764	3.73	1.60	23.	0.01	24.4	192.6	150	8.95	33.905	3.43	26.289	174.2	0.357
145	9.04	33.887	3.48	1.67	27.	0.00	27.4	176.7	200	8.11	34.000	2.99	26.493	154.8	0.441
175	8.56	33.956	3.23	1.77	32.	0.00	29.2	164.5	250	7.37	34.012	2.64	26.610	143.7	0.518
204	8.04	34.004	2.96	1.94	37.	0.00	30.0	153.4	300	6.89	34.023	2.43	26.687	136.5	0.590
234	7.58	34.013	2.69	2.06	42.	0.01	32.9	146.4	400	6.17	34.106	1.32	26.847	121.3	0.723
274	7.10	34.008	2.72	2.16	47.	0.01	35.8	140.3	500	5.59	34.218	0.68	27.007	106.0	0.843
333	6.66	34.049	1.99	2.45	57.	0.00	40.2	131.6							
405	6.13	34.109	1.28	2.68	66.	0.00	44.8	120.5							
477	5.69	34.190	0.79	2.93	76.	0.00	47.3	109.2							
553	5.44	34.281	0.50	3.05	89.	0.00	44.8	99.5							

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

77065

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
34 33.0N		121 54.0W		2/17/72		0628		GMT	3918M	340	18KT				
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	12.93	33.35							0	12.93	33.35		25.151	282.4	0.000
10	12.94	33.36							10	12.94	33.36		25.157	281.9	0.028
20	12.94	33.37							20	12.94	33.37		25.164	281.1	0.056
30	12.94	33.37							30	12.94	33.37		25.164	281.1	0.085
50	12.95	33.37							50	12.95	33.37		25.163	281.3	0.141
75	10.67	33.37							75	10.67	33.37		25.587	240.9	0.207
100	9.65	33.62							100	9.65	33.62		25.955	205.9	0.263
125	9.17	33.87							125	9.17	33.87		26.228	180.0	0.312
150	9.01	33.98							150	9.01	33.98		26.340	169.4	0.356
200	8.35	34.06							200	8.35	34.06		26.505	153.7	0.438
250	7.70	34.09							250	7.70	34.09		26.625	142.3	0.514
300	7.11	34.13							300	7.11	34.13		26.740	131.3	0.585
400	5.85	34.14							400	5.85	34.14		26.915	114.8	0.713
500	5.35	34.22							500	5.35	34.22		27.039	103.1	0.827
600	4.89	34.30							600	4.89	34.30		27.155	92.0	0.931
700	4.62	34.37							700	4.62	34.37		27.241	83.9	1.026
800	4.45	34.44							800	4.45	34.44		27.315	76.8	1.114
1000	3.86	34.49							1000	3.86	34.49		27.417	67.2	1.275

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

77070

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
34 25.0N		122 15.0W		2/17/72		0115		GMT	3957M	350	18KT	1	340 11 6		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	12.45	33.33							0	12.45	33.33		25.229	275.0	0.000
10	12.45	33.33							10	12.45	33.33		25.229	275.0	0.028
20	12.43	33.33							20	12.43	33.33		25.233	274.6	0.055
30	12.05	33.46							30	12.05	33.46		25.406	258.1	0.082
50	11.34	33.47							50	11.34	33.47		25.545	244.9	0.132
75	10.63	33.61							75	10.63	33.61		25.781	222.5	0.191
100	9.76	33.69							100	9.76	33.69		25.991	202.5	0.245
125	9.22	33.83							125	9.22	33.83		26.189	183.7	0.293
150	8.86	33.94							150	8.86	33.94		26.332	170.1	0.338
200	7.94	34.01							200	7.94	34.01		26.527	151.6	0.420
250	7.09	34.03							250	7.09	34.03		26.665	138.5	0.495
300	6.69	34.06							300	6.69	34.06		26.743	131.1	0.564
400	6.39	34.24							400	6.39	34.24		26.924	113.9	0.692
500	5.86	34.30							500	5.86	34.30		27.040	103.0	0.806
600	5.31	34.36							600	5.31	34.36		27.154	92.1	0.910
700	4.85	34.40							700	4.85	34.40		27.239	84.0	1.006
800	4.40	34.43							800	4.40	34.43		27.313	77.1	1.094
1000	3.83	34.49							1000	3.83	34.49		27.420	66.9	1.255

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						77080
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
34 05.0N	122 56.0W	2/16/72	2003	GMT		4241M	350	14KT	1	340 11 6						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	11.27	32.93		25.139	283.5	0.000	
									10	11.23	32.94		25.154	282.1	0.028	
									20	11.23	32.97		25.178	279.9	0.056	
									30	11.20	32.98		25.191	278.6	0.084	
									50	11.00	32.99		25.234	274.5	0.140	
									75	10.49	33.05		25.370	261.6	0.207	
									100	9.78	33.18		25.591	240.6	0.270	
									125	9.15	33.62		26.036	198.2	0.326	
									150	8.68	33.81		26.259	177.1	0.373	
									200	7.80	33.94		26.524	151.9	0.457	
									250	7.20	34.04		26.657	139.2	0.532	
									300	6.73	34.06		26.737	131.6	0.601	
									400	5.71	34.10		26.900	116.2	0.730	
									500	5.25	34.19		27.027	104.2	0.846	
									600	4.95	34.29		27.141	93.4	0.951	
									700	4.65	34.38		27.246	83.4	1.046	
									800	4.32	34.42		27.314	77.0	1.134	
									1000	3.66	34.48		27.450	66.0	1.293	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						77090
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 45.5N	123 39.0W	2/16/72	1429	GMT		4864M	360	23KT	1	360 10 5						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	11.64	32.91		25.057	291.4	0.000	
									10	11.64	32.92		25.064	290.7	0.029	
									20	11.65	32.93		25.070	290.1	0.058	
									30	11.65	32.93		25.070	290.1	0.087	
									50	11.65	32.93		25.070	290.1	0.145	
									75	11.56	32.93		25.087	288.5	0.218	
									100	11.16	32.99		25.206	277.2	0.289	
									125	9.96	33.24		25.608	239.0	0.354	
									150	9.19	33.45		25.897	211.4	0.411	
									200	8.51	33.94		26.387	164.9	0.507	
									250	7.64	33.99		26.555	148.9	0.587	
									300	6.99	34.03		26.678	137.2	0.661	
									400	5.97	34.08		26.852	120.8	0.795	
									500	5.59	34.22		27.010	105.8	0.914	
									600	5.07	34.28		27.119	95.5	1.021	
									700	4.77	34.36		27.217	86.2	1.119	
									800	4.47	34.41		27.289	79.3	1.210	
									1000	3.84	34.48		27.411	67.7	1.373	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80051
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
34 26.0N	120 32.5W	2/15/72	1016	GMT		101M	310	10KT	0	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	12.54	33.33		25.212	276.6	0.000	
									10	12.53	33.35		25.229	275.0	0.028	
									20	12.18	33.36		25.308	267.5	0.055	
									30	11.34	33.41		25.499	249.3	0.081	
									50	10.46	33.48		25.709	229.3	0.129	
									75	9.50	33.53		25.890	212.1	0.184	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80052
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
34 24.5N	120 36.5W	2/15/72	0825	GMT		321M	530	20KT	0	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	12.32	33.326		6.35	25.251	272.9	0.000
									10	12.31	33.324		6.35	25.251	272.9	0.027
									20	12.22	33.364		6.35	25.300	268.3	0.054
									30	11.32	33.424		6.01	25.511	248.2	0.080
									50	10.32	33.520		5.14	25.770	223.5	0.128
									75	9.47	33.652		4.35	26.008	200.9	0.181
									100	9.55	33.893		3.27	26.184	184.1	0.230
									125	9.34	34.004		2.88	26.304	172.8	0.275
									150	9.14	34.080		2.69	26.395	164.1	0.318
									200	8.72	34.113		2.31	26.488	155.4	0.399
									250	8.47	34.151		1.90	26.558	148.7	0.477

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80052
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
34 24.5N	120 36.5W	2/15/72	0839	GMT		321M	530	20KT	0	49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	12.37	33.33		25.245	273.5	0.000	
									10	12.36	33.35		25.262	271.9	0.027	
									20	12.21	33.37		25.306	267.7	0.054	
									30	11.31	33.40		25.497	249.5	0.080	
									50	10.24	33.49		25.747	225.7	0.128	
									75	9.40	33.50		26.017	199.8	0.181	
									100	8.54	33.59		26.175	185.0	0.230	



RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80053
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 22.5N	120 40.5W	2/13/72		0710		GMT	491M	320	15KT	0	49					
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	S10T	DT	DD	
									0	12.37	33.35		25.260	272.0	0.000	
									10	12.45	33.36		25.272	270.9	0.027	
									20	11.96	33.45		25.415	257.3	0.054	
									30	11.29	33.44		25.531	246.2	0.079	
									50	10.39	33.49		25.729	227.4	0.126	
									75	9.52	33.66		26.008	200.9	0.180	
									100	8.95	33.83		26.232	179.6	0.228	
									125	9.14	34.03		26.358	167.7	0.272	
									150	8.97	34.08		26.424	161.4	0.314	
									200	8.55	34.14		26.537	150.7	0.394	
									250	8.32	34.17		26.596	145.1	0.470	
									300	8.03	34.17		26.639	140.9	0.543	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80055
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 19.0N	120 48.5W	2/13/72		0520		GMT	796M	330	20KT	0	49					
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	S10T	DT	DD	
									0	12.06	33.56		25.481	251.0	0.000	
									10	12.05	33.57		25.491	250.0	0.025	
									20	11.65	33.60		25.589	240.7	0.050	
									30	11.29	33.63		25.678	232.2	0.073	
									50	10.62	33.74		25.883	212.7	0.118	
									75	9.84	33.77		26.040	197.8	0.170	
									100	8.99	33.80		26.202	182.4	0.218	
									125	8.72	33.93		26.346	168.8	0.262	
									150	8.49	33.99		26.429	160.9	0.304	
									200	7.90	34.08		26.588	145.8	0.382	
									250	7.99	34.20		26.669	138.2	0.455	
									300	7.68	34.23		26.738	131.6	0.525	
									400	6.82	34.26		26.882	117.9	0.655	
									500	5.85	34.23		26.986	108.1	0.774	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80060
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 09.0N	121 09.0W	2/12/72		1020		GMT	365M	320	10KT	0	49					
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	S10T	DT	DD	
									0	12.97	33.27		25.081	289.0	0.000	
									10	12.96	33.29		25.099	287.4	0.029	
									20	12.82	33.30		25.134	284.0	0.057	
									30	12.35	33.21		25.156	282.0	0.086	
									50	12.32	33.30		25.231	274.6	0.142	
									75	11.27	33.28		25.411	257.7	0.209	
									100	10.87	33.53		25.676	232.4	0.270	
									125	9.69	33.66		25.972	204.3	0.326	
									150	9.15	33.80		26.177	184.9	0.375	
									200	8.45	33.99		26.435	160.3	0.463	
									250	7.59	34.02		26.586	146.0	0.541	
									300	6.63	34.04		26.708	134.4	0.613	
									400	6.09	34.12		26.869	119.2	0.745	
									500	5.56	34.21		27.005	106.2	0.864	
									600	5.10	34.29		27.123	95.0	0.971	
									700	4.63	34.37		27.240	84.0	1.067	
									800	4.43	34.43		27.310	77.4	1.156	
									1000	4.01	34.47		27.386	70.1	1.320	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202						80060
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 09.0N	121 19.0W	2/12/72		1144		GMT	365M	320	10KT	0	49					
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	S10T	DT	DD	
0	12.93	33.293	6.16	0.32	2.	0.02	0.0	286.6	0	12.93	33.293	6.16	25.107	286.6	0.000	
10	12.93	33.290	6.19	0.32	2.	0.01	0.0	286.8	10	12.93	33.290	6.19	25.105	286.8	0.029	
29	12.82	33.358	6.19	0.33	2.	0.01	0.0	279.7	20	12.90	33.328	6.19	25.139	283.6	0.057	
57	12.19	33.289	6.05	0.46	4.	0.18	1.8	273.3	30	12.80	33.358	6.19	25.180	279.6	0.085	
76	11.62	33.333	5.70	0.65	6.	0.03	4.5	259.9	50	12.39	33.310	6.09	25.225	275.4	0.141	
91	10.69	33.394	5.28	0.92	9.	0.02	9.0	239.5	75	11.66	33.331	5.72	25.378	260.8	0.209	
105	10.67	33.546	5.19	1.16	13.	0.02	12.1	227.9	100	10.68	33.500	5.22	25.666	231.6	0.271	
133	9.53	33.578	4.05	1.62	22.	0.01	18.8	207.2	125	9.90	33.574	4.41	25.877	213.4	0.327	
158	4.06	33.833	3.52	1.81	26.	0.01	22.0	181.1	150	9.18	33.747	3.64	26.130	189.3	0.378	
186	8.61		3.44	1.97	33.	0.01	25.9		200	8.42	33.994	3.24	26.441	159.8	0.467	
219	8.17	34.007	2.93	2.13	38.	0.01	25.6	155.1	250	7.63	34.030	2.69	26.588	145.8	0.545	
284	7.04	34.032	2.50	2.32	51.	0.01	30.9	137.7	300	6.85	34.045	2.33	26.709	134.4	0.617	
387	6.13	34.115	1.41	2.90	69.	0.00	37.5	120.1	400	6.06	34.124	1.32	26.874	118.6	0.749	
469	5.65	34.178	0.85	3.11	79.	0.00	40.5	109.6	500	5.58	34.189	0.80	26.986	108.1	0.868	
619	4.86	34.305	0.46	3.33	102.0	0.01	42.7	91.3	600	4.97	34.286	0.50	27.135	93.9	0.975	
769	4.42	34.407	0.43	3.41	114.	0.00	45.3	79.0	700	4.58	34.367	0.44	27.243	83.7	1.071	
931	4.06	34.458	0.62	3.44	121.	0.00	41.6	71.5	800	4.35	34.420	0.46	27.311	77.3	1.159	
1135	3.64	34.503	0.84	3.38	131.	0.00	43.6	64.1	1000	3.91	34.476	0.70	27.400	68.8	1.322	

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202						80070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 49.0N	121 51.0W	2/12/72	0500	GMT	3657M	350	15KT		49						
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD		
							0	11.98	33.23		25.241	273.8	0.000		
							10	11.58	33.22		25.308	267.5	0.027		
							20	11.29	33.30		25.423	256.6	0.053		
							30	11.10	33.33		25.480	251.1	0.079		
							50	10.84	33.44		25.612	238.6	0.128		
							75	10.22	33.55		25.805	220.2	0.186		
							100	9.26	33.82		26.175	185.1	0.237		
							125	8.89	33.91		26.304	172.8	0.282		
							150	8.60	33.98		26.404	163.3	0.325		
							200	7.81	34.06		26.586	146.0	0.403		
							250	7.37	34.11		26.688	136.3	0.476		
							300	7.07	34.16		26.770	128.6	0.544		
							400	6.32	34.24		26.933	113.0	0.670		
							500	5.64	34.28		27.051	101.9	0.784		
							600	5.15	34.33		27.149	92.6	0.887		
							700	4.80	34.39		27.237	84.3	0.983		
							800	4.41	34.42		27.304	77.9	1.072		
							1000	3.65	34.48		27.410	67.8	1.234		

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202						80070			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 48.5N	121 51.0W	2/18/72	2001	GMT	3206M	190	12KT	2	230 6 8						
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD		
							0	12.73	33.35		25.190	278.7	0.000		
							10	12.71	33.36		25.202	277.6	0.028		
							20	12.70	33.36		25.204	277.4	0.056		
							30	12.69	33.37		25.214	276.5	0.083		
							50	12.46	33.36		25.250	272.9	0.138		
							75	12.42	33.36		25.258	272.2	0.207		
							100	10.90	33.39		25.562	243.3	0.272		
							125	9.84	33.61		25.916	209.7	0.329		
							150	9.33	33.80		26.148	187.6	0.379		
							200	8.40	34.01		26.458	158.1	0.468		
							250	7.78	34.08		26.606	144.1	0.545		
							300	7.20	34.13		26.728	132.5	0.616		
							400	6.23	34.20		26.914	114.9	0.745		
							500	5.29	34.23		27.054	101.6	0.859		

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202						80080			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 28.0N	122 31.0W	2/11/72	1416	GMT	3977M	140	3KT	1	240 8 10						
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD		
							0	12.05	33.02		25.066	290.5	0.000		
							10	11.31	33.16		25.311	267.2	0.028		
							20	11.42	33.41		25.484	250.7	0.054		
							30	11.00	33.40		25.552	244.2	0.079		
							50	10.68	33.38		25.593	240.3	0.127		
							75	10.13	33.43		25.727	227.6	0.186		
							100	9.37	33.80		26.141	188.2	0.239		
							125	8.94	33.91		26.296	173.5	0.284		
							150	8.51	33.98		26.418	162.0	0.327		
							200	7.86	34.04		26.563	148.2	0.406		
							250	7.22	34.08		26.688	136.5	0.479		
							300	6.76	34.16		26.812	124.6	0.546		
							400	6.06	34.19		26.927	113.6	0.670		
							500	5.45	34.25		27.050	101.9	0.784		
							600	5.03	34.31		27.147	92.8	0.887		
							700	4.68	34.37		27.235	84.5	0.983		
							800	4.41	34.41		27.296	78.7	1.072		
							1000	3.84	34.48		27.411	67.7	1.235		

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202						80080			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 25.5N	122 37.5W	2/20/72	2255	GMT	4002M	340	4KT	1	240 4 6						
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD		
							0	12.32	33.17		25.130	284.4	0.000		
							10	11.90	33.19		25.225	275.3	0.028		
							20	11.75	33.19		25.253	272.7	0.055		
							30	11.41	33.29		25.393	259.4	0.082		
							50	10.44	33.46		25.697	230.5	0.131		
							75	9.49	33.67		26.020	199.7	0.185		
							100	9.11	33.87		26.238	179.1	0.233		
							125	8.82	33.99		26.378	165.8	0.277		
							150	8.52	34.05		26.471	156.9	0.318		
							200	8.04	34.09		26.575	147.0	0.395		
							250	7.43	34.12		26.688	136.4	0.468		
							300	7.01	34.19		26.801	125.6	0.536		

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 80080

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
33 25.5N		122 37.5W		2/20/72		2345	GMT		4002M	340	4KT	1	240 4 6		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	12.06	33.18		25.188	278.9	0.000
									10	11.87	33.17		25.215	276.3	0.028
									20	11.73	33.16		25.234	274.6	0.055
									30	11.46	33.25		25.353	263.2	0.062
									50	10.79	33.45		25.628	237.0	0.132
									75	10.25	33.62		25.854	215.5	0.189
									100	9.41	33.79		26.127	189.6	0.240
									125	9.01	33.94		26.308	172.4	0.286
									150	8.60	34.02		26.435	160.3	0.328
									200	8.06	34.06		26.549	149.5	0.407
									250	7.35	34.12		26.699	135.3	0.481
									300	6.95	34.18		26.802	125.5	0.548

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 80090

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
33 09.5N		123 13.0W		2/11/72		0710	GMT		4227M	050	5KT		49		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	12.46	33.03		24.995	297.2	0.000
									10	12.14	33.06		25.080	289.2	0.029
									20	12.14	33.09		25.103	287.0	0.058
									30	11.60	33.15		25.250	273.0	0.086
									50	10.80	33.20		25.433	255.6	0.139
									75	10.48	33.39		25.636	236.3	0.201
									100	9.67	33.66		25.983	203.3	0.256
									125	9.24	33.83		26.188	184.0	0.305
									150	8.77	33.95		26.354	168.0	0.350
									200	8.21	34.05		26.518	152.4	0.432
									250	7.21	34.02		26.640	140.9	0.507
									300	6.76	34.07		26.741	131.3	0.577
									400	5.95	34.15		26.910	115.3	0.705
									500	5.71	34.29		27.050	102.0	0.820
									600	5.12	34.34		27.161	91.5	0.923
									700	4.77	34.39		27.240	83.9	1.018
									800	4.38	34.42		27.307	77.6	1.106
									1000	3.85	34.48		27.410	67.8	1.268

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 80090

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
33 09.5N		123 13.0W		2/11/72		0848	GMT		4227M	050	5KT		49		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
1	12.37	33.060	6.39	0.36	2.	0.01	0.0	293.4	0	12.37	33.060	6.39	25.036	293.4	0.000
11	12.37	33.056	6.39	0.33	2.	0.00	0.1	293.7	10	12.37	33.059	6.39	25.033	293.6	0.029
21	12.08	33.078	6.46	0.36	2.	0.00	0.4	286.8	20	12.12	33.077	6.46	25.095	287.7	0.058
41	11.26	33.177	6.12	0.57	4.	0.22	3.6	265.1	30	11.71	33.120	6.34	25.205	277.3	0.087
66	10.82	33.304	5.85	0.81	8.	0.12	7.4	248.3	50	11.07	33.224	5.99	25.401	258.6	0.141
81	10.48	33.390	5.84	0.92	10.	0.10	9.6	236.3	75	10.63	33.355	5.84	25.581	241.5	0.203
96	9.96	33.517	4.54	1.33	16.	0.01	18.0	218.5	100	9.86	33.559	4.35	25.871	213.9	0.261
111	9.62	33.663	4.00	1.61	21.	0.00	21.4	202.3	125	9.36	33.766	3.58	26.116	190.7	0.312
141	9.07	33.850	3.30	1.80	28.	0.00	25.4	179.9	150	8.89	33.890	3.34	26.288	174.3	0.358
167	8.54	33.943	3.52	1.89	32.	0.00	25.6	165.2	200	7.95	33.986	3.47	26.508	153.5	0.442
227	7.53	33.996	3.42	1.97	41.	0.00	27.9	147.0	250	7.21	34.013	3.03	26.633	141.5	0.517
292	6.71	34.040	2.23	2.45	56.	0.00	34.4	132.9	300	6.63	34.048	2.15	26.741	131.3	0.588
394	5.85	34.133	1.61	2.90	75.	0.01	44.30	115.4	400	5.81	34.140	1.58	26.918	114.5	0.715
494	5.39	34.231	1.22	3.11	88.	0.00	44.1	102.7	500	5.37	34.238	1.19	27.049	102.0	0.829
629	5.06	34.356	0.64	3.27	98.	0.01	44.8	89.6	600	5.13	34.333	0.75	27.154	92.1	0.932
784	4.39	34.419	0.48	3.27	111.	0.00	45.7	77.8	700	4.75	34.391	0.57	27.242	83.8	1.028
931	4.04	34.477	0.57	3.27	119.	0.00	47.0	69.9	800	4.35	34.427	0.48	27.315	76.8	1.116
1135	3.40	34.522	0.90	3.21	133.	0.01	46.2	60.4	1000	3.84	34.497	0.65	27.424	66.5	1.276

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 82047

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
34 15.0N		119 59.0W		2/13/72		1335	GMT		565M	150	4KT	0	49		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	12.79	33.49		25.287	269.5	0.000
									10	12.67	33.51		25.326	265.8	0.027
									20	12.35	33.51		25.388	259.9	0.053
									30	12.02	33.54		25.473	251.7	0.079
									50	11.32	33.60		25.650	234.9	0.128
									75	10.36	33.74		25.924	208.4	0.183
									100	9.97	33.86		26.089	193.2	0.234
									125	9.57	33.98		26.249	178.0	0.281
									150	9.38	34.04		26.327	170.6	0.325
									200	8.79	34.11		26.476	156.5	0.409
									250	8.35	34.17		26.591	145.5	0.486
									300	7.85	34.20		26.689	136.2	0.559
									400	6.92	34.25		26.861	119.9	0.693

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 83040

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 14.5N	119 22.0W	2/13/72	1935	GMT		22M	300	4KT	0	270	3	6			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S16T	DT	DD
									0	12.85	33.53		25.306	267.7	0.000
									10	12.67	33.53		25.341	264.3	0.027
									20	12.42	33.53		25.390	259.7	0.053

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 83043

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 07.5N	119 33.5W	2/13/72	1656	GMT		233M	280	4KT	0	280	2	6			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S16T	DT	DD
									0	12.58	33.49		25.328	265.6	0.000
									10	12.24	33.52		25.416	257.2	0.026
									20	12.07	33.54		25.464	252.6	0.052
									30	11.92	33.54		25.492	249.9	0.077
									50	11.63	33.58		25.577	241.8	0.126
									75	10.83	33.65		25.777	222.9	0.185
									100	10.18	33.81		26.014	200.3	0.238
									125	9.89	33.89		26.125	189.7	0.287
									150	9.27	34.07		26.368	166.7	0.333
									200	8.82	34.17		26.518	152.4	0.414

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 83043

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
34 07.5N	119 33.5W	2/13/72	1737	GMT		233M	280	4KT	0	280	2	6			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S16T	DT	DD
									0	12.45	33.518		25.374	261.1	0.000
4	12.41	33.518	6.44	0.31	3.	0.04	0.3	260.4	10	12.24	33.542	6.50	25.432	255.6	0.026
15	12.07	33.563	6.55	0.33	3.	0.04	0.9	250.9	20	11.98	33.572	6.50	25.505	248.7	0.051
36	11.76	33.572	6.10	0.58	8.	0.11	4.5	244.7	30	11.82	33.576	6.30	25.537	245.7	0.076
46	11.62	33.577	5.73	0.70	8.	0.19	5.8	241.9	50	11.55	33.585	5.53	25.595	240.2	0.125
60	11.32	33.608	4.97	0.96	12.	0.18	8.9	234.4	75	10.79	33.658	4.18	25.790	221.6	0.183
75	10.79	33.658	4.18	1.28	16.	0.03	13.3	221.6	100	10.30	33.789	3.62	25.976	204.0	0.236
90	10.57	33.717	3.90	1.36	18.	0.03	14.6	213.6	125	9.94	33.884	3.29	26.111	191.1	0.286
109	10.07	33.848	3.40	1.68	23.	0.01	19.3	195.7	150	9.36	34.044	2.62	26.332	170.1	0.332
129	9.91	33.891	3.26	1.73	24.	0.02	21.3	190.0							
155	9.17	34.095	2.40	2.10	34.	0.01	23.7	163.3							

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 83051

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 52.0N	120 07.5W	2/12/72	2352	GMT		108M	310	18KT	0	310	2	5			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S16T	DT	DD
									0	12.92	33.46		25.238	274.1	0.000
									10	12.55	33.43		25.287	269.4	0.027
									20	11.86	33.49		25.465	252.5	0.053
									30	11.52	33.56		25.598	239.9	0.078
									50	10.57	33.61		25.791	221.5	0.124
									75	9.32	33.96		26.274	175.6	0.174

RV ALEXANDER AGASSIZ CALCOFI CRUISE 7202 83055

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 44.0N	120 25.0W	2/12/72	2109	GMT		999M	350	10KT	0	310	7	9			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S16T	DT	DD
									0	12.66	33.46		25.289	269.3	0.000
									10	12.41	33.49		25.361	262.5	0.027
									20	11.75	33.54		25.524	246.9	0.052
									30	11.29	33.61		25.663	233.7	0.076
									50	10.55	33.70		25.865	214.5	0.121
									75	9.95	33.85		26.084	193.7	0.173
									100	9.55	33.99		26.260	177.0	0.219
									125	9.28	34.06		26.359	167.6	0.263
									150	9.06	34.09		26.418	162.0	0.305
									200	8.68	34.17		26.540	150.4	0.385
									250	8.33	34.19		26.610	143.8	0.460
									300	7.86	34.22		26.704	134.8	0.532
									400	7.19	34.25		26.824	123.5	0.667
									500	6.33	34.31		26.987	107.9	0.789
									600	5.53	34.31		27.088	98.4	0.900
									700	5.21	34.38		27.182	89.5	1.002
									800	4.73	34.43		27.276	80.5	1.095



RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202											83060
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 34.0N	120 45.5W	2/12/72	1655	GMT		1627M	340	14KT	0	320 8 8							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	12.25	33.52		25.414	257.3	0.000		
									10	12.25	33.53		25.422	256.6	0.026		
									20	11.91	33.56		25.510	248.3	0.051		
									30	11.63	33.58		25.577	241.8	0.076		
									50	10.95	33.65		25.755	224.9	0.122		
									75	9.90	33.80		26.054	196.6	0.175		
									100	9.42	33.90		26.211	181.6	0.223		
									125	9.01	33.96		26.324	170.9	0.268		
									150	8.45	34.00		26.443	159.6	0.310		
									200	8.15	34.11		26.574	147.1	0.388		
									250	7.93	34.18		26.662	138.8	0.461		
									300	7.01	34.15		26.770	128.5	0.530		
									400	6.83	34.25		26.873	118.7	0.659		
									500	5.96	34.29		27.019	104.9	0.778		
									600	5.49	34.33		27.109	96.4	0.885		
									700	4.98	34.38		27.209	87.0	0.984		
									800	4.60	34.41		27.275	80.6	1.076		
									1000	4.07	34.46		27.372	71.5	1.246		

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202											83060
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 34.0N	120 45.5W	2/12/72	1749	GMT		1627M	340	14KT	0	320 8 8							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
0	12.30	33.520	6.39	0.63	6.	0.07	2.6	258.2	0	12.30	33.52	6.39	25.405	258.2	0.000		
9	12.27	33.523	6.36	0.51	6.	0.08	2.6	257.5	10	12.25	33.53	6.36	25.417	257.1	0.026		
30	11.63	33.566	5.95	0.72	9.	0.13	5.5	242.9	20	12.01	33.54	6.23	25.475	251.6	0.051		
55	10.39	33.707	4.32		18.	0.16	14.9	211.4	30	11.63	33.57	5.95	25.567	242.9	0.076		
70	9.91	33.814	3.78	1.61	22.	0.07	17.2	195.7	50	10.64	33.67	4.66	25.828	218.0	0.122		
85	9.58	33.840	3.46	1.76	25.	0.04	19.6	188.5	75	9.79	33.83	3.66	26.093	192.9	0.174		
99	7.30	33.883	3.25	1.86	27.	0.03	22.2	181.0	100	9.29	33.89	3.23	26.222	180.6	0.221		
131	8.96	33.965	2.98	2.04	32.	0.02	24.6	169.8	125	9.02	33.95	2.99	26.317	171.5	0.266		
156	3.49	34.067	3.24	1.95	33.	0.02	24.4		150	8.60	33.99	3.19	26.410	162.8	0.308		
181	5.17	34.04	2.89	2.10	38.	0.01	25.8	152.6	200	8.09	34.08	2.44	26.562	148.3	0.387		
216	8.06	34.12	2.06	2.44	43.	0.01	27.8	145.1	250	7.82	34.17	1.65	26.666	138.4	0.461		
281	7.56	34.19	1.44	2.74	52.	0.02	31.2	132.9	300	7.44	34.21	1.31	26.752	130.2	0.530		
381	6.92	34.25	0.90	3.02	59.	0.02	35.2	119.9	400	6.74	34.26	0.82	26.890	117.2	0.660		
481	6.01	34.28	0.58	3.23	73.	0.02	38.1	106.3	500	5.90	34.29	0.56	27.025	104.4	0.777		
615	5.46	34.34	0.47	3.27	84.	0.02	41.0	94.6	600	5.43	34.33	0.48	27.116	95.8	0.884		
768	4.67	34.41	0.46		101.	0.00	41.7	81.4	700	4.98	34.38	0.46	27.208	87.0	0.983		
916	4.23	34.46	0.59	3.40	108.	0.05	40.3	73.1	800	4.56	34.42	0.48	27.289	79.3	1.074		
1121	3.65	34.51	0.84	3.35	121.	0.03	40.8	63.6	1000	3.99	34.48	0.68	27.399	68.9	1.239		

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202											83070
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 14.5N	121 26.0W	2/12/72	0012	GMT		3545M	360	8KT	1	320 10 9							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	13.50	33.34		25.029	294.0	0.000		
									10	13.06	33.30		25.087	288.5	0.029		
									20	12.62	33.27		25.111	286.2	0.058		
									30	12.26	33.29		25.235	274.5	0.086		
									50	12.24	33.36		25.293	268.9	0.141		
									75	11.28	33.42		25.518	247.5	0.205		
									100	9.95	33.50		25.812	219.6	0.264		
									125	9.02	33.80		26.198	182.9	0.315		
									150	8.68	33.96		26.376	166.0	0.359		
									200	8.01	34.02		26.525	151.8	0.440		
									250	7.82	34.14		26.647	140.2	0.515		
									300	7.33	34.17		26.741	131.3	0.585		
									400	6.23	34.19		26.906	115.7	0.714		
									500	5.79	34.30		27.048	102.2	0.829		
									600	5.26	34.36		27.160	91.6	0.933		
									700	4.87	34.41		27.245	83.5	1.028		
									800	4.39	34.43		27.314	77.0	1.116		
									1000	3.80	34.49		27.423	66.6	1.276		

RV ALEXANDER AGASSIZ						CALCOFI CRUISE 7202											83075
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 03.5N	121 45.5W	2/19/72	2340	GMT		4002M	290	10KT		290 2 5							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	S1GT	DT	DD		
									0	13.05	33.35		25.127	284.7	0.000		
									10	12.76	33.34		25.177	280.0	0.028		
									20	12.74	33.34		25.181	279.6	0.056		
									30	12.70	33.34		25.188	278.8	0.074		
									50	11.21	33.34		25.468	252.2	0.138		
									75	10.60	33.48		25.685	231.6	0.198		
									100	9.59	33.68		26.012	200.5	0.253		
									125	9.18	33.87		26.230	179.8	0.301		
									150	8.85	33.96		26.349	168.5	0.345		
									200	8.18	34.08		26.534	151.0	0.427		
									250	7.53	34.12		26.673	137.7	0.501		
									300	7.12	34.19		26.786	127.0	0.569		

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

83080

Z	T	S	02	P04	S103	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
						1911	GMT	4193M		050	9KT	1			350	5	8
						N02	N03	DT	Z	T	S		02	SI6T	DT	DD	
									0	12.55	33.20			25.113	286.0	0.000	
									10	12.12	33.26			25.238	274.1	0.028	
									20	11.87	33.27			25.293	268.9	0.055	
									30	11.58	33.29			25.362	262.3	0.082	
									50	11.09	33.30			25.459	253.1	0.134	
									75	11.32	33.44			25.526	246.8	0.196	
									100	11.16	33.49			25.593	240.3	0.258	
									125	9.94	33.65			25.930	208.3	0.314	
									150	9.36	33.91			26.229	179.9	0.364	
									200	8.59	34.04			26.452	158.7	0.450	
									250	7.91	34.11			26.610	143.7	0.528	
									300	7.18	34.13			26.731	132.3	0.599	
									400	6.15	34.18			26.908	115.4	0.728	
									500	5.37	34.22			27.036	103.3	0.843	
									600	5.04	34.30			27.138	93.6	0.948	
									700	4.64	34.36			27.231	84.8	1.044	
									800	4.40	34.41			27.297	78.6	1.133	
									1000	3.84	34.48			27.411	67.7	1.296	

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

83090

Z	T	S	02	P04	S103	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
						0243	GMT	4116M		070	9KT	1			49		
						N02	N03	DT	Z	T	S		02	SI6T	DT	DD	
									0	13.10	33.25			25.040	293.0	0.000	
									10	12.65	33.26			25.136	283.8	0.029	
									20	12.61	33.28			25.160	281.6	0.057	
									30	12.55	33.28			25.171	280.5	0.085	
									50	12.16	33.32			25.277	270.4	0.141	
									75	11.25	33.32			25.445	234.4	0.207	
									100	10.25	33.45			25.722	228.1	0.267	
									125	9.60	33.74			26.057	196.3	0.321	
									150	8.81	33.83			26.254	177.5	0.368	
									200	8.14	33.98			26.474	156.6	0.453	
									250	7.34	34.03			26.630	141.9	0.530	
									300	6.58	34.02			26.726	132.7	0.601	
									400	5.77	34.14			26.924	113.9	0.729	
									500	5.24	34.23			27.060	101.1	0.842	
									600	4.87	34.31			27.166	91.0	0.944	
									700	4.50	34.38			27.262	81.8	1.037	
									800	4.25	34.43			27.329	75.5	1.123	
									1000	3.74	34.51			27.445	64.5	1.279	

## RV ALASKA

## CALCOFI CRUISE 7202

87035

Z	T	S	02	P04	S103	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
						0420	GMT										
						N02	N03	DT	Z	T	S		02	SI6T	DT	DD	
									0	13.40	33.47			25.150	282.5	0.000	
									10	13.15	33.46			25.192	278.5	0.028	
									20	13.05	33.46			25.212	276.6	0.056	
									30	12.80	33.46			25.262	271.9	0.083	
									50	11.65	33.50			25.312	248.1	0.136	
									75	10.90	33.58			25.710	229.3	0.196	
									100	10.20	33.74			25.956	205.8	0.250	
									125	9.95	33.93			26.146	187.7	0.300	
									150	9.90	34.05			26.248	178.1	0.347	
									200	9.10	34.11			26.427	161.1	0.433	
									250	8.50	34.14			26.545	149.9	0.513	
									300	8.20	34.16			26.606	144.1	0.589	
									400	7.05	34.20			26.804	125.3	0.729	

## RV ALASKA

## CALCOFI CRUISE 7202

87040

Z	T	S	02	P04	S103	MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
						0430	GMT										
						N02	N03	DT	Z	T	S		02	SI6T	DT	DD	
									0	13.05	33.48			25.228	275.1	0.000	
									10	13.05	33.48			25.228	275.1	0.028	
									20	13.00	33.47			25.230	274.9	0.055	
									30	12.95	33.47			25.240	274.0	0.083	
									50	11.70	33.44			25.456	253.4	0.135	
									75	11.00	33.57			25.684	231.7	0.196	
									100	10.36	33.71			25.916	209.7	0.252	
									125	9.65	33.83			26.085	193.5	0.303	
									150	9.00	34.01			26.234	179.4	0.350	
									200	8.05	34.09			26.419	161.8	0.437	
									250	8.50	34.12			26.529	151.4	0.518	
									300	7.85	34.15			26.650	139.9	0.593	
									400	7.10	34.22			26.813	124.5	0.731	
									500	6.40	34.27			26.947	111.8	0.856	

RV ALASKA				CALCOFI CRUISE 7202													87045
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
33 30.0N	119 20.0W	2/ 9/72	UR20	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	13.10	33.45		25.195	278.3	0.000		
									10	13.05	33.45		25.205	277.3	0.028		
									20	13.05	33.46		25.212	276.6	0.056		
									30	12.85	33.44		25.236	274.3	0.083		
									50	12.00	33.49		25.439	255.0	0.136		
									75	10.50	33.59		25.788	221.8	0.196		
									100	9.90	33.84		26.085	193.6	0.249		
									125	9.65	33.96		26.220	180.7	0.296		
									150	9.35	33.99		26.293	173.8	0.341		
									200	8.65	34.09		26.482	155.9	0.425		
									250	8.30	34.14		26.575	147.0	0.503		
									300	7.80	34.17		26.673	137.7	0.576		
									400	7.20	34.24		26.814	124.3	0.713		
									500	6.65	34.29		26.929	113.5	0.839		

RV ALASKA				CALCOFI CRUISE 7202													87050
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
33 20.0N	119 39.5W	2/ 9/72	1230	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	12.05	33.50		25.437	255.2	0.000		
									10	12.00	33.50		25.446	254.3	0.025		
									20	11.95	33.56		25.502	249.0	0.051		
									30	11.85	33.60		25.552	244.3	0.075		
									50	11.20	33.63		25.895	230.7	0.123		

RV ALASKA				CALCOFI CRUISE 7202													87055
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
33 09.0N	119 59.5W	2/ 9/72	1545	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	13.10	33.31		25.087	288.5	0.000		
									10	13.10	33.32		25.094	287.8	0.029		
									20	12.65	33.25		25.129	284.5	0.057		
									30	12.45	33.31		25.214	276.4	0.086		
									50	12.00	33.31		25.299	268.3	0.140		
									75	11.10	33.35		25.496	249.6	0.205		
									100	9.70	33.68		25.994	202.3	0.262		
									125	9.30	33.91		26.259	179.0	0.311		
									150	8.90	34.01		26.381	165.5	0.354		
									200	8.15	34.03		26.512	153.1	0.435		
									250	7.85	34.10		26.611	143.6	0.512		
									300	7.70	34.25		26.751	130.4	0.582		
									400	7.05	34.31		26.890	117.1	0.712		
									500	6.40	34.34		27.002	106.6	0.830		

RV ALASKA				CALCOFI CRUISE 7202													87060
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 59.5N	120 21.0W	2/ 9/72	1920	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	13.60	33.30		24.978	298.8	0.000		
									10	13.50	33.32		25.014	295.4	0.030		
									20	13.45	33.34		25.039	293.0	0.059		
									30	13.40	33.35		25.057	291.3	0.088		
									50	13.05	33.32		25.104	286.9	0.146		
									75	12.35	33.35		25.264	271.7	0.217		
									100	11.70	33.44		25.456	253.4	0.283		
									125	10.65	33.45		25.653	234.7	0.344		
									150	9.30	33.71		26.082	193.8	0.399		
									200	8.65	33.95		26.373	166.2	0.490		
									250	8.05	34.05		26.542	150.2	0.571		
									300	7.65	34.12		26.656	139.4	0.646		
									400	7.00	34.25		26.850	120.9	0.782		
									500	6.20	34.30		26.996	107.1	0.902		

RV ALASKA				CALCOFI CRUISE 7202												87070
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 41.0N	121 00.0W	2/10/72	0218 GMT													
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SI6T	DT	DD			
							0	14.20	33.37		24.908	305.5	0.000			
							10	14.05	33.37		24.940	302.5	0.030			
							20	14.00	33.39		24.965	300.1	0.061			
							30	13.95	33.39		24.976	299.1	0.091			
							50	13.90	33.40		24.994	297.4	0.150			
							75	12.95	33.25		25.070	290.1	0.224			
							100	12.55	33.30		25.187	279.0	0.296			
							125	11.20	33.20		25.361	262.4	0.364			
							150	10.05	33.59		25.865	214.5	0.425			
							200	8.95	33.87		26.263	176.6	0.524			
							250	8.20	33.99		26.473	156.7	0.609			
							300	7.25	33.97		26.595	145.1	0.687			
							400	6.30	34.13		26.849	121.0	0.825			
							500	5.65	34.22		27.002	106.5	0.945			

RV ALASKA				CALCOFI CRUISE 7202												87080
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 20.0N	121 42.0W	2/10/72	0855 GMT													
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SI6T	DT	DD			
							0	13.50	33.31		25.006	296.2	0.000			
							10	13.50	33.31		25.006	296.2	0.030			
							20	13.35	33.30		25.029	294.0	0.059			
							30	12.80	33.25		25.099	287.3	0.088			
							50	12.40	33.32		25.231	274.8	0.145			
							75	11.00	33.30		25.475	251.6	0.211			
							100	10.20	33.53		25.793	221.4	0.270			
							125	9.40	33.70		26.059	196.1	0.323			
							150	8.95	33.84		26.240	178.9	0.371			
							200	6.20	33.96		26.449	159.0	0.457			
							250	7.40	34.01		26.606	144.2	0.534			
							300	7.00	34.06		26.701	135.1	0.606			
							400	6.05	34.11		26.866	119.5	0.739			
							500	5.20	34.15		27.001	106.6	0.857			

RV ALASKA				CALCOFI CRUISE 7202												87090
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 00.0N	122 24.0W	2/10/72	1430 GMT													
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SI6T	DT	DD			
							0	13.60	33.32		24.994	297.4	0.000			
							10	13.60	33.32		24.994	297.4	0.030			
							20	12.95	33.25		25.070	290.1	0.059			
							30	12.15	33.24		25.217	276.1	0.088			
							50	12.00	33.25		25.253	272.7	0.143			
							75	11.90	33.37		25.365	262.1	0.210			
							100	11.05	33.36		25.512	248.0	0.274			
							125	10.20	33.59		25.840	216.9	0.333			
							150	9.55	33.80		26.112	191.0	0.384			
							200	8.50	33.99		26.427	161.1	0.474			
							250	7.65	34.02		26.578	146.8	0.553			
							300	6.90	34.07		26.722	133.1	0.625			
							400	6.15	34.16		26.892	116.9	0.755			
							500	5.45	34.28		27.074	99.7	0.869			

RV ALLXANDER AGASSIZ				CALCOFI CRUISE 7202												90028
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
33 28.5N	117 47.0W	2/ 6/72	2035 GMT	517M	280	4KT	4	260 4 10								
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SI6T	DT	DD			
							0	13.02	33.43		25.195	278.2	0.000			
							10	12.74	33.45		25.266	271.5	0.027			
							20	12.66	33.48		25.304	267.8	0.054			
							30	12.26	33.48		25.381	260.5	0.081			
							50	11.54	33.48		25.516	247.6	0.132			
							75	10.86	33.63		25.756	224.9	0.191			
							100	10.33	33.83		26.004	201.3	0.245			
							125	9.89	33.98		26.196	183.1	0.294			
							150	9.72	34.08		26.302	173.0	0.339			
							200	8.92	34.13		26.471	156.9	0.423			
							250	8.46	34.17		26.574	147.1	0.501			
							300	7.97	34.22		26.687	136.4	0.575			
							400	7.10	34.26		26.844	121.5	0.709			
							500	6.46	34.33		26.983	108.3	0.831			



RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							90028
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 28.5N	117 47.0W	2/ 8/72	2P18	GMI			517M	280	4KT	4	260	4	10				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI0T	DT	DD		
0	13.12	33.462	6.49	0.32	2.	0.01	0.2	277.8	0	13.12	33.462	6.49	25.200	277.8	0.000		
9	12.82	33.459	6.36	0.27	2.	0.01	0.4	272.3	10	12.80	33.460	6.33	25.261	271.9	0.027		
30	12.35	33.454	5.66	0.55	5.	0.01	4.8	264.0	20	12.56	33.458	6.01	25.305	267.8	0.055		
50	11.77	33.458	5.26	0.60	8.	0.01	8.6	253.3	30	12.35	33.454	5.66	25.344	264.0	0.081		
81	10.63	33.662	3.86	1.41	17.	0.01	17.2	218.7	50	11.77	33.459	5.26	25.457	253.3	0.133		
111	10.01	33.885	3.93	1.74	24.	0.00	22.1	192.0	75	10.84	33.613	4.11	25.745	225.9	0.193		
157	9.48	34.065	2.48	2.11	32.	0.00	27.4	170.3	100	10.20	33.808	3.90	26.009	200.8	0.247		
208	8.72	34.137	2.08	2.20	40.	0.00	33.5	153.4	125	9.83	33.957	3.53	26.167	183.9	0.296		
258	8.30	34.164	1.65	2.41	44.	0.00	34.9	145.2	150	9.55	34.049	2.73	26.305	172.7	0.341		
312	7.67	34.192	1.43	2.62	51.	0.00	35.6	137.1	200	8.83	34.132	2.10	26.486	155.5	0.425		
409	6.95	34.244	0.81	2.92	64.	0.00	39.4	120.7	250	8.36	34.162	1.89	26.583	146.3	0.502		
									300	7.97	34.197	1.53	26.661	138.9	0.576		
									400	7.04	34.240	0.86	26.835	122.3	0.712		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							90032
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 20.5N	118 02.5W	2/ 9/72	0142	GMI			741M	290	4KT	4	270	3	10				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI0T	DT	DD		
0	13.01	33.44							0	13.01	33.44		25.205	277.3	0.000		
10	12.95	33.46							10	12.95	33.46		25.236	274.3	0.028		
20	12.89	33.46							20	12.89	33.46		25.244	273.6	0.055		
30	12.76	33.46							30	12.76	33.46		25.269	271.1	0.082		
50	11.58	33.53							50	11.58	33.53		25.348	244.6	0.134		
75	11.00	33.65							75	11.00	33.65		25.746	225.8	0.193		
100	10.38	33.82							100	10.38	33.82		25.987	202.8	0.247		
125	10.21	33.96							125	10.21	33.96		26.126	189.7	0.297		
150	9.87	34.05							150	9.87	34.05		26.253	177.6	0.344		
200	9.41	34.17							200	9.41	34.17		26.423	161.4	0.430		
250	8.93	34.21							250	8.93	34.21		26.532	151.1	0.510		
300	8.36	34.21							300	8.36	34.21		26.621	142.7	0.586		
400	7.35	34.24							400	7.35	34.24		26.793	126.3	0.727		
500	6.49	34.29							500	6.49	34.29		26.950	111.4	0.853		
600	5.82	34.36							600	5.82	34.36		27.092	98.0	0.965		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							90037
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 11.0N	118 22.5W	2/ 9/72	0412	GMI			1162M	300	7KT		49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI0T	DT	DD		
0	12.97	33.44							0	12.97	33.44		25.213	276.5	0.000		
10	12.83	33.45							10	12.83	33.45		25.248	273.2	0.027		
20	12.75	33.46							20	12.75	33.46		25.271	271.0	0.055		
30	12.49	33.47							30	12.49	33.47		25.330	265.4	0.082		
50	11.38	33.47							50	11.38	33.47		25.538	245.6	0.133		
75	10.71	33.63							75	10.71	33.63		25.762	222.4	0.192		
100	9.83	33.81							100	9.83	33.81		26.073	194.7	0.244		
125	9.49	33.90							125	9.49	33.90		26.200	182.7	0.292		
150	9.15	33.99							150	9.15	33.99		26.325	170.8	0.337		
200	8.57	34.09							200	8.57	34.09		26.495	154.7	0.420		
250	8.02	34.13							250	8.02	34.13		26.610	143.8	0.497		
300	7.83	34.22							300	7.83	34.22		26.708	134.4	0.568		
400	7.02	34.24							400	7.02	34.24		26.839	122.0	0.702		
500	6.39	34.31							500	6.39	34.31		26.979	108.7	0.824		
600	5.63	34.36							600	5.63	34.36		27.115	95.8	0.934		
700	5.15	34.39							700	5.15	34.39		27.197	88.1	1.034		

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202							90037
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
33 11.0N	118 22.5W	2/ 9/72	0539	GMI			1162M	300	7KT		49						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI0T	DT	DD		
1	12.91	33.465	6.42	0.25	3.	0.03	0.0	273.6	0	12.91	33.465	6.42	25.244	273.6	0.000		
11	12.77	33.461	6.37	0.29	3.	0.02	0.5	271.2	10	12.79	33.463	6.38	25.265	271.5	0.027		
31	12.30	33.456	5.91	0.48	5.	0.05	4.1	263.0	20	12.57	33.456	6.20	25.303	268.0	0.054		
41	12.12	33.48	5.66	0.57	6.	0.09	5.6	257.9	30	12.32	33.457	5.94	25.350	263.5	0.081		
51	11.53	33.500	5.00	0.91	9.	0.02	10.2	246.0	50	11.59	33.499	5.07	25.521	247.2	0.132		
67A	11.27	33.545	4.74	1.05	11.	0.02	12.6	238.1	75	10.99	33.505	4.49	25.696	230.6	0.192		
82A	10.72	33.623	4.25	1.29	15.	0.01	16.0	223.1	100	10.06	33.744	3.78	25.982	203.4	0.247		
108A	9.81	33.794	3.64	1.62	22.	0.01	23.1	195.6	125	9.51	33.873	3.52	26.175	185.1	0.296		
127A	9.48	33.879	3.51	1.78	26.	0.01	25.2	184.1	150	9.15	33.971	3.00	26.309	172.3	0.341		
148A	9.17	33.963	3.03	1.92	29.	0.01	26.0	173.1	200	8.60	34.082	2.55	26.483	155.8	0.425		
178A	8.88	34.047	2.73	2.06	34.	0.01	27.6	162.5	250	8.12	34.131	2.06	26.595	145.2	0.502		
208A	8.50	34.090	2.48	2.19	38.	0.00	30.3	153.6	300	7.65	34.174	1.63	26.697	135.5	0.575		
240A	8.23	34.124	2.15	2.33	42.	0.00	31.5	147.2	400	7.01	34.245	0.89	26.844	121.5	0.709		
279A	7.81	34.148	1.81	2.48	48.	0.01	36.1	139.5	500	6.44	34.319	0.58	26.978	108.8	0.831		
340A	7.41	34.219	1.30	2.80	57.	0.00	38.4	128.7									
414A	6.92	34.249	0.81	2.97		0.00	39.5	120.0									
488A	6.54	34.308	0.61	3.11		0.01	40.5	110.7									
563A	5.74	34.362	0.45	3.30		0.00	44.6	96.0									

A) EAST 11

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202					90037	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
33 11.0N	118 22.5W	2/ 9/72	0702	GMT		1162M	300	7KT		49						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD	
									0	12.88	33.45		25.238	274.1	0.000	
									10	12.76	33.45		25.262	271.9	0.027	
									20	12.64	33.47		25.301	268.2	0.054	
									30	12.38	33.47		25.351	263.4	0.081	
									50	11.54	33.49		25.524	246.9	0.132	
									75	10.56	33.63		25.805	220.2	0.191	
									100	9.86	33.79		26.053	196.7	0.243	
									125	9.50	33.93		26.221	180.6	0.291	
									150	9.17	33.96		26.298	173.3	0.336	
									200	8.83	34.08		26.446	159.3	0.421	
									250	8.11	34.13		26.596	145.1	0.499	
									300	7.78	34.21		26.708	134.5	0.571	
									400	6.95	34.25		26.857	120.3	0.704	
									500	6.33	34.32		26.995	107.2	0.825	
									600	5.64	34.36		27.114	95.9	0.933	
									700	5.22	34.40		27.196	88.1	1.033	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202					90045	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 55.0N	118 56.0W	2/ 9/72	1130	GMT		1692M	280	7KT		49						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD	
									0	12.16	33.39		25.331	265.3	0.000	
									10	12.14	33.39		25.335	264.9	0.027	
									20	12.14	33.40		25.343	264.2	0.053	
									30	12.13	33.40		25.344	264.0	0.079	
									50	11.29	33.46		25.547	244.8	0.131	
									75	10.24	33.62		25.856	215.4	0.188	
									100	9.29	33.63		26.022	199.6	0.241	
									125	9.06	33.86		26.238	179.1	0.289	
									150	8.93	33.92		26.306	172.6	0.333	
									200	8.50	34.11		26.521	152.2	0.416	
									250	7.91	34.18		26.665	138.5	0.491	
									300	7.54	34.22		26.750	130.4	0.560	
									400	6.96	34.29		26.887	117.4	0.690	
									500	6.37	34.33		26.998	106.9	0.808	
									600	5.74	34.37		27.110	96.3	0.917	
									700	5.24	34.40		27.194	88.3	1.018	
									800	4.74	34.43		27.275	80.6	1.111	
									1000	4.10	34.48		27.385	70.3	1.279	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202					90053	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 58.5N	119 28.0W	2/ 9/72	1655	GMT		1276M	290	6KT	2	350 4 10						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD	
									0	12.63	33.41		25.256	272.4	0.000	
									10	12.61	33.43		25.275	270.6	0.027	
									20	12.22	33.42		25.343	264.2	0.054	
									30	11.73	33.43		25.443	254.7	0.080	
									50	10.84	33.46		25.627	237.1	0.129	
									75	10.08	33.70		25.945	206.8	0.185	
									100	9.73	33.91		26.168	185.7	0.235	
									125	9.43	34.02		26.303	172.9	0.280	
									150	9.08	34.08		26.407	163.0	0.323	
									200	8.73	34.14		26.509	153.3	0.403	
									250	7.95	34.18		26.659	139.1	0.479	
									300	7.43	34.21		26.758	129.7	0.548	
									400	6.73	34.28		26.910	115.2	0.676	
									500	6.23	34.32		27.008	106.0	0.793	
									600	5.77	34.35		27.090	98.2	0.902	
									700	5.33	34.38		27.167	90.8	1.005	
									800	4.79	34.43		27.270	81.2	1.099	
									1000	4.18	34.48		27.376	71.1	1.270	

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202					90060	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 24.5N	119 57.5W	2/ 9/72	2113	GMT		1187M	300	7KT	1	300 10 8						
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD	
									0	12.67	33.40		25.241	273.9	0.000	
									10	12.41	33.42		25.306	267.6	0.027	
									20	12.18	33.45		25.374	261.2	0.054	
									30	12.08	33.49		25.423	256.5	0.080	
									50	11.59	33.54		25.554	244.1	0.130	
									75	10.51	33.60		25.794	221.3	0.188	
									100	9.78	33.84		26.105	191.7	0.240	
									125	9.33	33.87		26.202	182.4	0.288	
									150	9.16	34.04		26.362	167.2	0.332	
									200	8.63	34.17		26.548	149.6	0.413	
									250	7.77	34.16		26.670	136.0	0.487	
									300	6.91	34.13		26.768	128.7	0.556	
									400	6.52	34.24		26.907	115.5	0.683	
									500	6.21	34.32		27.011	105.7	0.800	
									600	5.67	34.36		27.110	96.3	0.908	
									700	5.17	34.41		27.216	86.2	1.007	
									800	4.72	34.44		27.286	79.7	1.099	
									1000	4.13	34.48		27.381	70.6	1.267	

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

90060

Z	LATITUDE		LONGITUDE			MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T						S	02	SIGT
0	13.33	33.38	6.11	0.33	2.	0.00	0.5	287.8		0	13.33	33.380	6.11	25.095	287.8	0.000		
9	12.31	33.45	6.25	0.40	4.	0.04	2.0	263.6		10	12.30	33.454	6.25	25.354	263.1	0.028		
29	12.01	33.50	6.15	0.49	6.	0.04	3.2	254.5		20	12.15	33.479	6.20	25.401	258.6	0.054		
54	11.36	33.56	5.68	0.79	9.	0.25	8.2	238.6		30	11.98	33.504	6.14	25.451	253.8	0.079		
69	11.18	33.60	5.27	0.91	11.	0.21	9.8	232.5		50	11.46	33.552	5.78	25.586	241.1	0.129		
84	10.51	33.67	4.53	1.23	16.	0.04	14.9	216.1		75	10.94	33.626	4.99	25.737	226.6	0.188		
98	9.91	33.76	3.83	1.53	20.	0.03	19.4	199.7		100	9.88	33.776	3.76	26.037	198.2	0.241		
128	9.66	33.94	3.14	1.78	25.	0.01	23.0	182.4		125	9.67	33.927	3.17	26.190	183.6	0.290		
153	9.91	33.99	3.11	1.87	30.	0.00	25.0	167.1		150	9.00	33.987	3.11	26.346	168.8	0.334		
178	8.61	34.04	3.07	1.99	34.	0.00	26.9	159.0		200	8.38		2.81					
212	8.24		2.64	2.19	40.	0.00	28.8			250	7.42		2.32					
276	6.87		2.13	2.53	55.	0.02	34.5			300	6.81		1.85					
375	6.62		1.02	2.95	67.	0.01	39.7			400	6.54		0.85					
474	6.26		0.51	3.13	75.	0.02	40.9			500	6.15		0.48					
605	5.67		0.37	3.19	90.	0.02	42.8			600	5.69		0.38					
755	4.87		0.42	3.24	101.	0.01	45.5			700	5.16		0.40					
897	4.34		0.53	3.34	111.	0.01	46.1			800	4.69		0.45					
1095	3.69		0.79	3.28	125.	0.02	46.0			1000	3.99		0.65					

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

90070

Z	LATITUDE		LONGITUDE			MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T						S	02	SIGT
0	13.29	33.24								0	13.29	33.24		24.995	297.3	0.000		
10	13.10	33.28								10	13.10	33.28		25.063	290.8	0.029		
20	13.09	33.28								20	13.09	33.28		25.065	290.6	0.059		
30	13.09	33.28								30	13.09	33.28		25.065	290.6	0.088		
50	13.12	33.36								50	13.12	33.36		25.121	285.2	0.145		
75	12.55	33.34								75	12.55	33.34		25.218	276.1	0.216		
100	12.28	33.36								100	12.28	33.36		25.285	269.7	0.285		
125	11.91	33.42								125	11.91	33.42		25.401	258.6	0.351		
150	11.31	33.42								150	11.31	33.42		25.512	248.1	0.416		
200	9.28	33.86								200	9.28	33.86		26.203	182.4	0.525		
250	8.57	34.03								250	8.57	34.03		26.448	159.1	0.612		
300	7.45	34.03								300	7.45	34.03		26.614	143.3	0.690		
400	5.97	34.06								400	5.97	34.06		26.836	122.2	0.828		
500	5.61	34.21								500	5.61	34.21		26.999	106.8	0.948		
600	5.11	34.28								600	5.11	34.28		27.114	95.9	1.056		
700	4.73	34.35								700	4.73	34.35		27.213	86.5	1.155		
800	4.45	34.42								800	4.45	34.42		27.300	78.3	1.245		
1000	3.87	34.49								1000	3.87	34.49		27.416	67.3	1.407		

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

90080

Z	LATITUDE		LONGITUDE			MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T						S	02	SIGT
0	13.98	33.42								0	13.98	33.42		24.993	297.5	0.000		
10	13.93	33.43								10	13.93	33.43		25.011	295.8	0.030		
20	13.92	33.43								20	13.92	33.43		25.013	295.6	0.059		
30	13.89	33.43								30	13.89	33.43		25.019	295.0	0.089		
50	13.79	33.42								50	13.79	33.42		25.032	293.7	0.148		
75	13.72	33.41								75	13.72	33.41		25.038	293.1	0.222		
100	13.52	33.38								100	13.52	33.38		25.056	291.4	0.295		
125	11.82	33.41								125	11.82	33.41		25.410	257.7	0.365		
150	10.89	33.54								150	10.89	33.54		25.681	232.0	0.427		
200	9.67	33.86								200	9.67	33.86		26.139	188.5	0.534		
250	8.85	34.06								250	8.85	34.06		26.427	161.1	0.623		
300	8.25	34.17								300	8.25	34.17		26.606	144.1	0.702		
400	6.99	34.20								400	6.99	34.20		26.812	124.5	0.842		
500	5.83	34.19								500	5.83	34.19		26.957	110.9	0.966		
600	5.24	34.26								600	5.24	34.26		27.083	96.8	1.077		
700	4.87	34.35								700	4.87	34.35		27.197	86.0	1.178		
800	4.55	34.40								800	4.55	34.40		27.273	80.9	1.271		
1000	3.90	34.48								1000	3.90	34.48		27.405	68.3	1.437		

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7202

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202					
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
31 43.5N	121 19.5W	2/10/72	1131	GMT		3936M	170	5KT		49					
Z	T	S	U2	P04	S103	U02	N03	DT	Z	T	S	O2	S16T	DT	DD
1	13.95	33.432	6.03	0.30	2.	0.02	0.2	296.0	0	13.95	33.432	6.03	25.008	296.0	0.000
10	13.93	33.429	6.05	0.30	2.	0.01	0.1	295.8	10	13.93	33.429	6.05	25.010	295.8	0.030
30	13.89	33.425	6.08	0.30	2.	0.01	0.0	295.3	20	13.91	33.429	6.07	25.012	295.7	0.059
55	13.74	33.412	6.05	0.31	2.	0.02	0.1	293.4	30	13.89	33.425	6.08	25.015	295.3	0.089
69	13.71	33.411	5.94	0.33	2.	0.03	0.1	292.8	50	13.77	33.416	6.06	25.032	293.8	0.148
84	13.69	33.411	5.97	0.34	2.	0.03	0.1	292.5	75	13.70	33.413	5.95	25.043	292.7	0.222
97	13.65	33.414	6.02	0.34	2.	0.06	0.3	291.5	100	13.51	33.410	6.00	25.080	289.1	0.295
127	11.86	33.399	5.70	0.62	5.	0.03	4.3	259.6	125	12.02	33.399	5.73	25.362	262.3	0.365
151	11.04	33.525	5.36	0.82	8.	0.02	7.8	235.7	150	11.07	33.520	5.38	25.631	236.7	0.428
175	10.07	33.693	4.52	1.23	15.	0.02	15.3	207.2	200	9.52	33.840	4.13	26.147	187.7	0.536
208	9.40		4.04	1.60	23.	0.01	19.5		250	8.88	34.059	3.11	26.421	161.7	0.625
272	8.67	34.096	2.61	2.31	36.	0.01	27.9	155.7	300	8.35	34.148	2.16	26.573	147.2	0.705
367	7.51	34.183	1.42	2.85	54.	0.00	35.9	132.8	400	6.98	34.175	1.26	26.793	126.3	0.847
464	6.02	34.154	1.10	3.18	71.	0.01	40.6	115.8	500	5.72	34.167	0.94	26.951	111.4	0.972
594	5.25	34.224	0.59	3.43	90.	0.02	43.0	101.6	600	5.22	34.231	0.59	27.061	100.9	1.085
744	4.69	34.365	0.54	3.50	102.	0.01	46.2	85.0	700	4.83	34.324	0.55	27.181	89.6	1.188
887	4.19	34.443	0.53	3.51	102.0	0.00	45.9	73.9	800	4.49	34.401	0.54	27.280	80.2	1.280
1087	3.58	34.517	0.87	3.45	127.	0.01	45.8	62.5	1000	3.83	34.491	0.67	27.420	66.9	1.444

RV ALEXANDER AGASSIZ

CALCOFI CRUISE 7202

RV ALEXANDER AGASSIZ										CALCOFI CRUISE 7202					
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
31 21.0N	121 58.0W	2/10/72	1611	GMT		3737M	110	8KT	1	270	7	8			
Z	T	S	U2	P04	S103	U02	N03	DT	Z	T	S	O2	S16T	DT	DD
0	13.96	33.40							0	13.96	33.40		24.981	298.5	0.000
10	13.92	33.42							10	13.92	33.42		25.005	296.3	0.030
20	13.91	33.42							20	13.91	33.42		25.007	296.1	0.059
30	13.63	33.36							30	13.63	33.36		25.018	295.0	0.089
50	13.32	33.32							50	13.32	33.32		25.050	292.0	0.148
75	13.24	33.31							75	13.24	33.31		25.059	291.2	0.221
100	12.86	33.31							100	12.86	33.31		25.134	284.0	0.294
125	11.59	33.40							125	11.59	33.40		25.445	254.4	0.362
150	10.66	33.53							150	10.66	33.53		25.713	228.9	0.423
200	9.28	33.87							200	9.28	33.87		26.211	181.7	0.527
250	8.46	34.03							250	8.46	34.03		26.465	157.5	0.614
300	7.69	34.02							300	7.69	34.02		26.572	147.4	0.693
400	6.36	34.10							400	6.36	34.10		26.818	124.0	0.834
500	5.61	34.18							500	5.61	34.18		26.976	109.0	0.956
600	5.30	34.30							600	5.30	34.30		27.108	96.5	1.065
700	4.95	34.37							700	4.95	34.37		27.204	87.4	1.165
800	4.55	34.43							800	4.55	34.43		27.296	78.6	1.256
1000	3.88	34.49							1000	3.88	34.49		27.415	67.4	1.419

RV ALASKA

CALCOFI CRUISE 7202

RV ALASKA										CALCOFI CRUISE 7202					
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
32 56.0N	117 19.0W	2/14/72	0100	GMT											
Z	T	S	U2	P04	S103	U02	N03	DT	Z	T	S	O2	S16T	DT	DD
0	13.30	33.47							0	13.30	33.47		25.170	280.6	0.000
10	12.90	33.50							10	12.90	33.50		25.273	270.8	0.028
20	12.10	33.53							20	12.10	33.53		25.451	253.9	0.054
30	11.80	33.56							30	11.80	33.56		25.530	246.3	0.079
50	11.10	33.63							50	11.10	33.63		25.713	229.0	0.127

RV ALASKA

CALCOFI CRUISE 7202

RV ALASKA										CALCOFI CRUISE 7202					
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
32 54.5N	117 22.0W	2/14/72	0000	GMT											
Z	T	S	U2	P04	S103	U02	N03	DT	Z	T	S	O2	S16T	DT	DD
0	13.40	33.35							0	13.40	33.35		25.057	291.3	0.000
10	13.05	33.44							10	13.05	33.44		25.197	278.0	0.028
20	12.75	33.41							20	12.75	33.41		25.233	274.6	0.056
30	12.40	33.49							30	12.40	33.49		25.362	262.3	0.083
50	11.70	33.47							50	11.70	33.47		25.479	251.2	0.135
75	10.80	33.61							75	10.80	33.61		25.751	225.4	0.195
100	10.50	33.85							100	10.50	33.85		25.990	202.6	0.248
125	10.40	33.99							125	10.40	33.99		26.116	190.6	0.298
150	9.80	34.05							150	9.80	34.05		26.265	176.5	0.345
200	9.35	34.20							200	9.35	34.20		26.457	158.3	0.430
250	8.60	34.17							250	8.60	34.17		26.552	149.2	0.509
300	8.20	34.20							300	8.20	34.20		26.637	141.1	0.584
400	7.35	34.23							400	7.35	34.23		26.785	127.1	0.724



RV ALASKA				CALCOFI CRUISE 7202												93030	
LATITUDE	LONGITUDE	MO/DAT/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 50.5N	117 31.0W	2/13/72	2010	GMT													
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	13.80	33.50		25.091	288.1	0.000		
									10	13.30	33.52		25.209	276.9	0.028		
									20	13.20	33.50		25.213	276.5	0.056		
									30	12.80	33.46		25.262	271.9	0.083		
									50	11.60	33.51		25.529	246.5	0.135		
									75	10.55	33.60		25.787	221.9	0.194		
									100	10.40	33.84		26.000	201.7	0.248		
									125	10.15	34.03		26.190	183.6	0.297		
									150	9.85	34.13		26.319	171.3	0.342		
									200	9.20	34.20		26.481	156.0	0.425		
									250	8.50	34.20		26.591	145.5	0.503		
									300	8.00	34.24		26.699	135.3	0.575		
									400	7.15	34.29		26.861	119.9	0.709		
									500	6.45	34.33		26.987	107.9	0.829		

RV ALASKA				CALCOFI CRUISE 7202												93035	
LATITUDE	LONGITUDE	MO/DAT/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 40.5N	117 51.5W	2/13/72	1630	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	13.40	33.50		25.175	280.3	0.000		
									10	13.40	33.50		25.173	280.3	0.028		
									20	13.30	33.49		25.185	279.1	0.056		
									30	13.05	33.49		25.235	274.4	0.084		
									50	12.25	33.46		25.383	260.3	0.137		
									75	11.30	33.52		25.591	240.5	0.200		
									100	10.75	33.70		25.850	217.9	0.258		
									125	10.35	33.87		26.032	198.7	0.311		
									150	10.10	33.99		26.168	185.7	0.360		
									200	8.90	34.14		26.482	155.9	0.447		
									250	8.85	34.24		26.568	147.7	0.525		
									300	8.20	34.23		26.661	138.9	0.599		
									400	7.15	34.25		26.829	122.9	0.736		
									500	6.35	34.30		26.977	108.9	0.858		

RV ALASKA				CALCOFI CRUISE 7202												93045	
LATITUDE	LONGITUDE	MO/DAT/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 20.0N	118 32.0W	2/13/72	0758	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	14.10	33.42		24.968	299.8	0.000		
									10	14.05	33.42		24.978	298.9	0.030		
									20	13.75	33.43		25.048	292.2	0.060		
									30	13.50	33.43		25.099	287.4	0.089		
									50	13.00	33.42		25.191	278.6	0.145		
									75	11.75	33.41		25.423	256.5	0.213		
									100	10.35	33.53		25.767	223.8	0.273		
									125	9.80	33.70		25.993	202.4	0.327		
									150	9.50	33.82		26.136	188.8	0.377		
									200	8.65	33.99		26.404	163.3	0.466		
									250	8.35	34.11		26.544	150.0	0.547		
									300	8.05	34.19		26.652	139.7	0.621		
									400	7.20	34.26		26.830	122.8	0.758		
									500	6.35	34.31		26.965	108.2	0.881		

RV ALASKA				CALCOFI CRUISE 7202												93050	
LATITUDE	LONGITUDE	MO/DAT/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
32 10.0N	118 52.5W	2/13/72	0345	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	14.15	33.47		24.996	297.2	0.000		
									10	13.85	33.44		25.035	293.5	0.030		
									20	13.65	33.44		25.076	289.5	0.059		
									30	13.35	33.43		25.129	284.5	0.088		
									50	13.00	33.44		25.207	277.1	0.144		
									75	11.50	33.44		25.493	249.9	0.210		
									100	10.20	33.64		25.878	213.2	0.268		
									125	9.60	33.79		26.096	192.6	0.320		
									150	9.25	33.94		26.270	176.0	0.367		
									200	8.70	34.05		26.443	159.6	0.452		
									250	8.30	34.15		26.585	146.3	0.531		
									300	7.90	34.21		26.690	136.1	0.604		
									400	7.10	34.27		26.852	120.8	0.738		
									500	6.45	34.32		26.979	108.7	0.859		

RV ALASKA				CALCOFI CRUISE 7202										93055	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
32 00.0N	119 13.0W	2/13/72	0010	GMT											
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
									0	14.20	33.36		24.901	306.2	0.000
									10	13.75	33.34		24.978	298.8	0.030
									20	13.35	33.40		25.106	286.7	0.060
									30	13.30	33.40		25.116	285.7	0.088
									50	13.00	33.42		25.191	278.6	0.145
									75	12.00	33.36		25.338	264.6	0.213
									100	10.65	33.46		25.661	233.9	0.276
									125	10.10	33.70		25.942	207.2	0.332
									150	9.85	33.91		26.148	187.6	0.382
									200	8.60	33.96		26.388	164.8	0.472
									250	7.55	34.03		26.600	144.7	0.551
									300	7.40	34.13		26.700	135.2	0.623
									400	6.60	34.25		26.904	115.8	0.754
									500	6.05	34.31		27.023	104.5	0.870

RV ALASKA				CALCOFI CRUISE 7202										93060	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 50.0N	119 34.0W	2/12/72	2115	GMT											
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
									0	13.80	33.43		25.037	293.2	0.000
									10	13.60	33.44		25.086	288.6	0.029
									20	13.35	33.42		25.121	285.2	0.058
									30	13.00	33.41		25.183	279.3	0.086
									50	12.35	33.43		25.326	265.8	0.141
									75	10.75	33.49		25.666	233.4	0.204
									100	10.20	33.65		25.886	212.5	0.260
									125	9.85	33.89		26.132	189.1	0.311
									150	9.55	33.95		26.229	179.9	0.357
									200	8.50	33.99		26.427	161.1	0.444
									250	7.80	34.04		26.571	147.4	0.523
									300	7.50	34.20		26.740	131.4	0.595
									400	6.25	34.16		26.879	118.2	0.725
									500	5.45	34.23		27.035	103.4	0.842

RV ALASKA				CALCOFI CRUISE 7202										93070	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 30.0N	120 13.0W	2/12/72	1422	GMT											
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
									0	13.65	33.38		25.030	293.9	0.000
									10	13.65	33.38		25.030	293.9	0.029
									20	13.15	33.38		25.131	284.3	0.058
									30	12.80	33.43		25.238	274.1	0.086
									50	11.40	33.36		25.449	254.0	0.139
									75	10.20	33.61		25.855	215.4	0.198
									100	9.65	33.76		26.064	195.6	0.250
									125	9.15	33.90		26.255	177.5	0.297
									150	8.75	33.98		26.381	165.5	0.341
									200	8.20	34.04		26.512	153.0	0.422
									250	7.50	34.03		26.607	144.0	0.498
									300	6.80	34.05		26.720	133.3	0.570
									400	6.00	34.15		26.904	115.9	0.699
									500	5.90	34.27		27.011	105.7	0.816

RV ALASKA				CALCOFI CRUISE 7202										93080	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
31 10.0N	120 54.0W	2/12/72	0820	GMT											
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD
									0	13.60	33.30		24.978	298.8	0.000
									10	13.60	33.30		24.978	298.8	0.030
									20	13.35	33.29		25.021	294.8	0.060
									30	13.25	33.30		25.049	292.1	0.089
									50	12.90	33.33		25.142	283.3	0.147
									75	12.40	33.28		25.200	277.7	0.217
									100	11.95	33.30		25.301	268.1	0.286
									125	10.85	33.40		25.579	241.7	0.350
									150	9.95	33.52		25.827	218.1	0.409
									200	9.05	33.92		26.286	174.5	0.508
									250	8.40	33.96		26.419	161.9	0.595
									300	7.50	33.97		26.560	148.5	0.674

RV ALASKA				CALCOFI CRUISE 7202												93090
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
30 50.0N	121 34.5W	2/12/72	0230	GMT												
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	14.30	33.41		24.918	304.6	0.000			
							10	14.05	33.40		24.963	300.3	0.030			
							20	14.00	33.41		24.981	298.6	0.060			
							30	13.85	33.39		24.996	297.1	0.090			
							50	13.60	33.38		25.040	293.0	0.149			
							75	13.30	33.32		25.054	291.6	0.223			
							100	12.70	33.31		25.165	281.0	0.295			
							125	11.75	33.40		25.416	257.2	0.363			
							150	10.60	33.52		25.716	228.7	0.424			
							200	9.25	33.87		26.215	181.2	0.529			
							250	8.80	34.05		26.427	161.1	0.616			
							300	8.45	34.15		26.560	148.5	0.696			
							400	7.30	34.24		26.800	125.7	0.839			
							500	6.40	34.29		26.962	110.3	0.964			

RV ALASKA				CALCOFI CRUISE 7202												93100
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
30 30.0N	122 13.0W	2/11/72	2029	GMT												
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	14.75	33.53		24.915	304.9	0.000			
							10	14.70	33.53		24.925	303.9	0.030			
							20	14.60	33.52		24.939	302.6	0.061			
							30	14.60	33.52		24.939	302.6	0.091			
							50	14.35	33.50		24.977	299.0	0.152			
							75	14.00	33.45		25.012	295.7	0.226			
							100	13.90	33.45		25.032	293.7	0.301			
							125	11.80	33.46		25.453	253.7	0.370			
							150	10.80	33.50		25.665	233.5	0.431			
							200	9.45	33.90		26.206	182.1	0.537			
							250	8.75	33.97		26.373	166.2	0.626			
							300	7.85	34.02		26.548	149.6	0.708			
							400	6.60	34.10		26.786	127.0	0.851			
							500	5.65	34.20		26.962	110.4	0.976			

RV ALASKA				CALCOFI CRUISE 7202												93110
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
30 08.0N	122 55.0W	2/11/72	1435	GMT												
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	15.25	33.64		24.891	307.2	0.000			
							10	15.25	33.64		24.891	307.2	0.031			
							20	15.25	33.64		24.891	307.2	0.061			
							30	15.25	33.64		24.891	307.2	0.092			
							50	15.25	33.64		24.891	307.2	0.154			
							75	15.10	33.65		24.931	303.3	0.231			
							100	14.90	33.61		24.944	302.1	0.307			
							125	13.45	33.54		25.194	278.3	0.380			
							150	12.25	33.66		25.523	247.0	0.447			
							200	9.45	33.77		26.105	191.7	0.558			
							250	8.75	33.98		26.381	165.5	0.650			
							300	7.80	34.01		26.548	149.6	0.731			
							400	6.25	34.10		26.832	122.6	0.872			
							500	5.80	34.24		27.000	106.8	0.993			

RV ALASKA				CALCOFI CRUISE 7202												93120
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
29 48.5N	123 34.0W	2/11/72	0936	GMT												
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	14.40	33.42		24.905	305.8	0.000			
							10	14.40	33.42		24.905	305.8	0.031			
							20	14.15	33.43		24.965	300.1	0.061			
							30	13.95	33.37		24.960	300.6	0.091			
							50	13.80	33.37		24.991	297.6	0.151			
							75	13.60	33.41		25.022	294.7	0.226			
							100	11.30	33.20		25.343	264.1	0.296			
							125	10.25	33.42		25.699	230.3	0.358			
							150	9.60	33.69		26.018	200.0	0.413			
							200	8.85	33.97		26.357	167.7	0.506			
							250	8.05	34.01		26.511	153.1	0.589			
							300	7.35	34.04		26.636	141.3	0.664			
							400	6.45	34.10		26.806	125.1	0.803			
							500	5.60	34.24		27.024	104.4	0.923			

RV DAVID STARR JORDAN

CALCOFI CRUISE 7202

94031

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND SPEED			WEATHER	DOMINANT WAVES			
32 38.0N		117 28.5W		2/ 1/72	0117 GMT		879M	Z	T	S	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0A	13.20	33.45		25.175	280.2	0.000
									10	12.91	33.46		25.240	273.9	0.028
									20	12.86	33.46		25.250	273.0	0.055
									30	12.85	33.46		25.252	272.8	0.082
									50	12.49	33.45		25.314	266.9	0.137
									75	10.87	33.58		25.715	228.7	0.199
									100	10.44	33.78		25.946	206.8	0.254
									125	9.58	33.84		26.138	188.5	0.304
									150	9.99	34.16		26.319	171.4	0.350
									200	9.61	34.22		26.429	160.9	0.434
									250	8.98	34.23		26.540	150.4	0.514
									300	8.35	34.24		26.646	140.3	0.590
									400	7.27	34.24		26.804	125.3	0.728
									500	6.50	34.28		26.941	112.3	0.854

RV DAVID STARR JORDAN

CALCOFI CRUISE 7202

94031

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND SPEED			WEATHER	DOMINANT WAVES			
32 38.0N		117 28.5W		2/ 1/72	0215 GMT		879M	Z	T	S	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
								274.1	0	13.10	33.506	5.84	25.238	274.1	0.000
								270.4	10	12.88	33.497	6.04	25.272	270.9	0.027
								269.8	20	12.83	33.493	6.04	25.280	270.1	0.054
								266.8	30	12.81	33.493	6.01	25.283	269.8	0.081
								262.7	50	12.45	33.481	5.52	25.345	264.0	0.135
								235.6	75	10.90	33.590	4.24	25.717	228.6	0.197
								224.0	100	10.38	33.757	3.52	25.936	207.7	0.252
								205.5	125	9.60	33.851	2.85	26.142	188.2	0.302
								187.5	150	10.00	34.095	2.30	26.265	176.4	0.348
								178.2	200	9.62	34.236	1.67	26.439	159.9	0.434
								166.1	250	9.06	34.247	1.60	26.535	150.9	0.514
								158.7	300	8.45	34.261	1.23	26.646	140.3	0.589
								154.7	400	7.26	34.255	0.96	26.818	124.0	0.728
								145.1	500	6.47	34.280	0.54	26.945	112.0	0.852
								135.6							
								123.2							
								114.6							
								105.2							

RV ALASKA

CALCOFI CRUISE 7202

97029

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND SPEED			WEATHER	DOMINANT WAVES			
32 17.5N		117 04.5W		2/15/72	0800 GMT			Z	T	S	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	12.70	33.55		25.351	263.4	0.000
									10	12.30	33.50		25.369	259.7	0.026
									20	12.00	33.55		25.485	250.6	0.052
									30	11.60	33.57		25.538	245.6	0.077

RV ALASKA

CALCOFI CRUISE 7202

97030

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND SPEED			WEATHER	DOMINANT WAVES			
32 16.0N		117 07.0W		2/15/72	0908 GMT			Z	T	S	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	12.60	33.56		25.378	260.8	0.000
									10	12.40	33.53		25.393	259.3	0.026
									20	11.65	33.52		25.527	246.6	0.051

RV ALASKA

CALCOFI CRUISE 7202

97032

LATITUDE		LONGITUDE		MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND SPEED			WEATHER	DOMINANT WAVES			
32 12.0N		117 15.0W		2/15/72	1100 GMT			Z	T	S	O2	SIGT	DT	DD	
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD
									0	14.00	33.46		25.019	294.9	0.000
									10	14.00	33.46		25.019	294.9	0.030
									20	13.65	33.37		25.037	293.2	0.059
									30	13.35	33.41		25.114	286.0	0.088
									50	12.95	33.40		25.186	279.1	0.145
									75	11.40	33.45		25.519	247.4	0.211
									100	10.40	33.54		25.766	223.9	0.270
									125	9.60	33.71		26.034	198.5	0.324
									150	9.65	32.89		26.166	185.9	0.372
									200	8.90	34.04		26.404	163.3	0.461
									250	8.90	34.20		26.529	151.4	0.542
									300	8.55	34.27		26.638	141.0	0.618
									400	7.20	34.24		26.814	124.3	0.756
									500	6.50	34.28		26.941	112.3	0.881



RV ALASKA				CALCOFI CRUISE 7202											97035	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
32 05.5N	117 27.5W	2/15/72	NO2	1400 GMT												
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD			
							0	13.95	33.45		25.022	294.7	0.000			
							10	13.95	33.45		25.022	294.7	0.029			
							20	13.95	33.45		25.022	294.7	0.059			
							30	13.80	33.44		25.045	292.5	0.088			
							50	13.45	33.43		25.109	286.4	0.147			
							75	12.45	33.36		25.252	272.8	0.217			
							100	11.50	33.51		25.547	244.7	0.282			
							125	11.15	33.72		25.774	223.2	0.341			
							150	10.85	33.97		26.021	199.6	0.395			
							200	9.10	33.96		26.310	172.2	0.489			
							250	8.15	34.03		26.512	153.1	0.573			
							300	7.50	34.09		26.654	139.5	0.648			
							400	6.90	34.25		26.864	119.7	0.783			
							500	6.30	34.30		26.983	108.3	0.904			

RV ALASKA				CALCOFI CRUISE 7202											97040	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 55.5N	117 48.0W	2/15/72	NO2	1700 GMT												
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD			
							0	13.85	33.45		25.043	292.7	0.000			
							10	13.85	33.45		25.043	292.7	0.029			
							20	13.80	33.45		25.053	291.7	0.059			
							30	13.50	33.45		25.114	285.9	0.087			
							50	13.10	33.47		25.210	276.8	0.144			
							75	12.30	33.49		25.382	260.5	0.212			
							100	10.90	33.48		25.632	236.6	0.274			
							125	10.10	33.66		25.911	210.1	0.331			
							150	9.35	33.84		26.176	185.0	0.381			
							200	8.60	34.00		26.420	161.8	0.469			
							250	7.90	34.01		26.533	151.0	0.549			
							300	7.25	34.07		26.674	137.7	0.624			
							400	6.60	34.16		26.833	122.5	0.759			
							500	6.35	34.33		27.000	106.7	0.880			

RV ALASKA				CALCOFI CRUISE 7202											97045	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 46.0N	118 08.0W	2/15/72	NO2	2055 GMT												
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD			
							0	14.10	33.40		24.952	301.3	0.000			
							10	13.80	33.44		25.045	292.5	0.030			
							20	13.40	33.42		25.111	286.2	0.059			
							30	13.20	33.42		25.151	282.4	0.087			
							50	12.35	33.40		25.303	268.0	0.142			
							75	10.95	33.44		25.592	240.4	0.206			
							100	10.05	33.62		25.888	212.3	0.263			
							125	9.40	33.79		26.129	189.4	0.314			
							150	9.10	33.89		26.255	177.4	0.361			
							200	8.35	33.99		26.450	158.9	0.446			
							250	7.50	34.05		26.623	142.5	0.524			
							300	7.05	34.10		26.725	132.8	0.595			
							400	6.60	34.22		26.881	118.0	0.725			
							500	6.15	34.31		27.011	105.7	0.843			

RV ALASKA				CALCOFI CRUISE 7202											97050	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
31 36.0N	118 30.0W	2/16/72	NO2	0110 GMT												
Z	T	S	02	P04 S103	NO2 NO3	DT	Z	T	S	02	SIGT	DT	DD			
							0	14.45	33.49		24.948	301.7	0.000			
							10	14.45	33.49		24.948	301.7	0.030			
							20	14.40	33.48		24.951	301.5	0.060			
							30	14.35	33.48		24.961	300.4	0.091			
							50	13.85	33.41		25.012	295.7	0.150			
							75	13.50	33.34		25.029	294.0	0.224			
							100	12.50	33.41		25.281	270.0	0.296			
							125	10.80	33.56		25.712	229.0	0.359			
							150	10.00	33.78		26.021	199.6	0.413			
							200	8.85	33.96		26.349	168.5	0.507			
							250	8.15	34.07		26.543	150.1	0.588			
							300	7.65	34.14		26.672	137.9	0.663			
							400	6.75	34.25		26.884	117.7	0.796			

RV ALASKA CALCOFI CRUISE 7202 97055

LATITUDE 31 24.0N LONGITUDE 118 49.0W MO/DAY/YR 2/16/72 MESSENGER TIME 0515 GMT

Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD
									0	14.60	33.52		24.939	302.6	0.000
									10	14.60	33.52		24.939	302.6	0.030
									20	14.60	33.52		24.939	302.6	0.061
									30	14.50	33.50		24.945	302.0	0.091
									50	14.10	33.44		24.983	298.4	0.151
									75	13.60	33.34		25.009	295.9	0.226
									100	12.00	33.45		25.408	258.0	0.296
									125	10.90	33.67		25.780	222.6	0.356
									150	10.30	33.69		25.900	211.2	0.411
									200	9.20	33.91		26.255	177.5	0.510
									250	8.15	33.98		26.473	156.8	0.596
									300	7.35	34.01		26.613	143.5	0.673
									400	6.30	34.10		26.826	123.3	0.812
									500	5.85	34.23		26.986	108.1	0.933

RV ALASKA CALCOFI CRUISE 7202 97060

LATITUDE 31 15.0N LONGITUDE 119 10.0W MO/DAY/YR 2/16/72 MESSENGER TIME 0825 GMT

Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD
									0	14.10	33.44		24.983	298.4	0.000
									10	14.10	33.45		24.991	297.7	0.030
									20	13.80	33.40		25.014	295.4	0.060
									30	13.35	33.34		25.060	291.1	0.089
									50	13.00	33.37		25.153	282.3	0.146
									75	12.45	33.37		25.279	270.2	0.216
									100	11.90	33.40		25.386	259.9	0.283
									125	10.65	33.55		25.731	227.3	0.344
									150	9.90	33.80		26.054	196.6	0.398
									200	8.95	33.98		26.349	168.5	0.491
									250	8.00	34.05		26.550	149.4	0.572
									300	7.15	34.03		26.656	139.3	0.647
									400	6.20	34.10		26.839	122.0	0.782
									500	5.65	34.20		26.987	108.0	0.903

RV ALASKA CALCOFI CRUISE 7202 97070

LATITUDE 30 54.0N LONGITUDE 119 50.0W MO/DAY/YR 2/16/72 MESSENGER TIME 1530 GMT

Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD
									0	13.00	33.34		25.129	284.5	0.000
									10	12.90	33.40		25.196	278.2	0.028
									20	11.85	33.35		25.358	262.7	0.055
									30	11.50	33.44		25.493	249.9	0.081
									50	10.80	33.50		25.665	233.5	0.129
									75	10.15	33.65		25.895	211.7	0.185
									100	9.85	33.80		26.062	195.8	0.237
									125	9.60	33.90		26.162	184.4	0.265
									150	9.15	33.99		26.325	170.8	0.330
									200	8.45	34.03		26.466	157.4	0.414
									250	7.80	34.08		26.603	144.4	0.491
									300	7.00	34.08		26.716	133.6	0.563
									400	6.35	34.16		26.882	117.9	0.694
									500	5.80	34.33		27.071	100.0	0.809

RV ALASKA CALCOFI CRUISE 7202 97080

LATITUDE 30 35.0N LONGITUDE 120 30.0W MO/DAY/YR 2/16/72 MESSENGER TIME 2125 GMT

Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	S10T	DT	DD
									0	13.50	33.44		25.106	286.6	0.000
									10	13.45	33.44		25.117	285.7	0.029
									20	13.40	33.43		25.119	285.4	0.057
									30	13.35	33.43		25.129	284.5	0.086
									50	12.85	33.41		25.213	276.5	0.142
									75	11.15	33.45		25.387	240.9	0.207
									100	10.40	33.61		25.821	218.7	0.265
									125	9.50	33.61		26.128	189.5	0.317
									150	9.50	34.03		26.299	173.2	0.363
									200	8.50	34.06		26.482	155.9	0.447
									250	8.45	34.23		26.623	142.5	0.523
									300	7.75	34.19		26.896	135.5	0.595
									400	6.10	34.12		26.867	119.3	0.728
									500	5.65	34.29		27.058	101.3	0.844

RV ALASKA				CALCOFI CRUISE 7202												97090	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
30 19.0N	121 09.5W	2/17/72	U400	GMT													
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	14.00	33.40		24.973	299.3	0.000		
									10	14.00	33.41		24.981	298.6	0.030		
									20	14.00	33.42		24.988	297.9	0.060		
									30	14.00	33.43		24.996	297.1	0.090		
									50	13.45	33.35		25.047	292.3	0.149		
									75	12.70	33.32		25.173	280.3	0.221		
									100	12.05	33.37		25.336	264.8	0.269		
									125	11.70	33.45		25.464	252.7	0.355		
									150	11.45	33.47		25.525	246.8	0.418		
									200	9.40	33.89		26.207	182.0	0.527		
									250	8.70	34.00		26.404	163.3	0.615		
									300	7.65	34.11		26.570	147.6	0.695		
									400	6.60	34.10		26.786	127.0	0.838		
									500	5.80	34.20		26.968	109.8	0.963		

RV DAVID STARR JORDAN				CALCOFI CRUISE 7202												100029	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 42.0N	116 43.5W	2/ 1/72	U927	GMT	93M			0									
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	12.37	33.46		25.345	263.9	0.000		
									10	12.33	33.46		25.353	263.2	0.026		
									20	11.90	33.53		25.488	250.3	0.052		
									30	11.78	33.57		25.542	245.2	0.077		
									50	11.40	33.69		25.705	229.7	0.125		
									75	11.21	33.77		25.802	220.5	0.181		

RV DAVID STARR JORDAN				CALCOFI CRUISE 7202												100030	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 40.5N	116 46.5W	2/ 1/72	U112	GMT	408M			0									
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	12.23	33.52		25.418	257.0	0.000		
									10	11.83	33.52		25.494	249.8	0.025		
									20	11.38	33.62		25.654	234.5	0.050		
									30	11.02	33.69		25.774	223.2	0.073		
									50	10.89	33.77		25.859	215.1	0.117		
									75	10.73	33.85		25.950	206.4	0.170		
									100	10.25	33.92		26.088	193.3	0.220		
									125	10.27	34.03		26.170	185.5	0.268		
									150	10.11	34.13		26.275	175.5	0.314		
									200	9.52	34.23		26.452	158.7	0.399		
									250	9.14	34.25		26.530	151.3	0.479		
									300	8.57	34.26		26.628	142.0	0.555		

RV DAVID STARR JORDAN				CALCOFI CRUISE 7202												100030	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 40.5N	116 46.5W	2/ 1/72	U205	GMT	408M			0									
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
0	12.19	33.559	0.74	10.	0.22	3.2	253.4	0	12.19	33.559			25.456	253.4	0.000		
10	12.20	33.557	5.33	0.71	9.	0.21	3.4	253.7	10	12.20	33.557	5.33	25.453	253.7	0.025		
30	11.21	33.679	4.06	1.48	17.	0.19	15.1	227.2	20	11.74	33.612	4.54	25.581	241.5	0.050		
40	11.02	33.714	3.88	1.51	20.	0.17	17.1	221.4	30	11.21	33.679	4.06	25.731	227.2	0.074		
55	10.90	33.792	3.24	1.70	22.	0.13	17.2	215.6	50	10.93	33.769	3.44	25.850	215.9	0.118		
71	10.76	33.814	3.23	1.76	21.	0.14	19.4	209.6	75	10.76	33.821	3.20	25.921	209.1	0.172		
87	10.74	33.851	3.09	1.79	24.	0.15	19.6	206.5	100	10.44	33.897	3.05	26.035	198.3	0.223		
106	10.50	33.921	3.02	1.84	25.	0.16	20.3	194.1	125	10.30	34.030	2.72	26.164	186.1	0.272		
131	10.50	34.054	2.60	2.14	25.	0.12	22.3	184.2	150	10.23	34.112	2.22	26.239	178.9	0.318		
156	10.20	34.121	2.09	2.25	33.	0.13	25.5	177.7									

RV DAVID STARR JORDAN				CALCOFI CRUISE 7202												100035	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES								
31 30.5N	117 07.0W	2/ 1/72	U434	GMT	1276M	220	4KT	2									
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
									0	13.23	33.43		25.153	282.2	0.000		
									10	13.23	33.43		25.153	282.2	0.028		
									20	13.22	33.43		25.155	282.0	0.056		
									30	13.18	33.43		25.163	281.3	0.085		
									50	13.10	33.42		25.171	280.5	0.141		
									75	11.73	33.40		25.419	256.9	0.209		
									100	10.95	33.74		25.825	218.3	0.269		
									125	10.80	33.98		26.052	196.0	0.321		
									150	10.47	34.05		26.151	187.3	0.370		
									200	9.64	34.22		26.424	161.3	0.459		
									250	8.74	34.21		26.562	148.3	0.539		
									300	8.36	34.26		26.660	139.0	0.613		
									400	7.30	34.28		26.832	122.7	0.750		
									500	6.52	34.30		26.954	111.1	0.873		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						100040			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
31 21.0N	117 27.0W	02	P04 S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
							0	13.08	33.36		25.129	284.5	0.000		
							10	12.95	33.38		25.170	280.6	0.028		
							20	12.93	33.38		25.174	280.2	0.056		
							30	12.87	33.38		25.186	279.1	0.084		
							50	12.73	33.39		25.221	275.7	0.140		
							75	12.41	33.44		25.322	266.1	0.206		
							100	11.40	33.61		25.643	235.6	0.271		
							125	10.85	33.79		25.882	212.9	0.328		
							150	9.99	33.87		26.093	192.8	0.380		
							200	9.00	33.99		26.336	169.7	0.472		
							250	8.57	34.13		26.526	151.7	0.554		
							300	8.00	34.20		26.667	138.3	0.629		
							400	6.88	34.25		26.867	119.4	0.764		
							500	6.28	34.32		27.002	106.6	0.883		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						100040			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
31 21.0N	117 27.0W	02	P04 S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
							0	13.09	33.417		25.171	280.5	0.000		
							10	13.06	33.417	6.32	25.177	279.9	0.028		
							20	12.98	33.420	6.26	25.193	278.4	0.056		
							30	12.88	33.419	6.19	25.214	276.4	0.084		
							50	12.69	33.415	6.01	25.247	273.3	0.139		
							75	12.08	33.461	5.74	25.400	258.7	0.206		
							100	11.21	33.665	3.98	25.720	228.3	0.267		
							125	10.80	33.622	3.24	25.915	209.7	0.323		
							150	10.19	33.903	3.17	26.083	193.8	0.374		
							200	9.11	34.050	3.00	26.377	165.9	0.465		
							250	8.52	34.139	2.18	26.539	150.4	0.547		
							300	7.93	34.196	1.51	26.674	137.7	0.621		
							400	6.85	34.244	0.91	26.865	119.6	0.755		
							500	6.27	34.331	0.49	27.011	105.7	0.874		
							600	5.76	34.377	0.37	27.112	96.1	0.983		
							700	5.34	34.414	0.40	27.193	88.4	1.083		
							800	4.94	34.436	0.43	27.257	82.4	1.177		
							1000	4.20	34.475	0.54	27.370	71.7	1.350		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						100050			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
31 01.5N	118 06.0W	02	P04 S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
							0	14.38	33.46		24.940	302.5	0.000		
							10	14.32	33.46		24.952	301.3	0.030		
							20	13.98	33.40		24.977	298.9	0.060		
							30	13.78	33.39		25.011	295.7	0.090		
							50	13.71	33.38		25.017	295.1	0.149		
							75	13.43	33.35		25.051	291.9	0.223		
							100	12.39	33.36		25.264	271.7	0.294		
							125	10.67	33.45		25.649	235.0	0.358		
							150	9.85	33.73		26.008	200.9	0.413		
							200	6.71	33.91		26.332	170.1	0.508		
							250	7.80	34.00		26.540	150.4	0.590		
							300	7.31	34.09		26.681	137.0	0.664		
							400	6.13	34.13		26.871	118.9	0.797		
							500	6.11	34.31		27.016	105.2	0.915		
							600	5.50	34.36		27.131	94.3	1.022		
							700	5.08	34.39		27.205	87.3	1.120		
							800	4.66	34.45		27.300	78.3	1.211		
							1000	4.00	34.49		27.403	68.5	1.376		

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						100040			
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 40.5N	118 47.5W	02	P04 S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD		
							0	14.41	33.50		24.964	300.2	0.000		
							10	14.40	33.50		24.966	300.0	0.030		
							20	14.40	33.50		24.966	300.0	0.060		
							30	14.34	33.49		24.971	299.5	0.090		
							50	14.31	33.49		24.977	298.9	0.150		
							75	14.20	33.49		24.984	296.3	0.225		
							100	12.38	33.35		25.258	272.2	0.297		
							125	11.32	33.43		25.518	247.5	0.363		
							150	10.19	33.64		25.880	213.1	0.421		
							200	8.92	33.90		26.291	174.0	0.519		
							250	7.92	33.97		26.499	154.3	0.604		
							300	7.22	34.00		26.623	142.5	0.680		
							400	6.36	34.12		26.834	122.5	0.818		
							500	5.57	34.20		26.996	107.1	0.938		
							600	5.20	34.28		27.104	96.9	1.047		
							700	4.92	34.36		27.200	87.8	1.146		
							800	4.60	34.42		27.277	80.4	1.239		
							1000	3.92	34.48		27.403	68.5	1.405		



RV DAVID STARR JORDAN										CALCOFI CRUISE 7202							100060
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 40.5N		118 47.5W		2/ 2/72		0527 GMT			3075M	300	12KT	2	O2	SI&T	DT	DD	
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SI&T	DT	DD		
0	14.36	33.519	5.87			2.	0.00	0.2	297.8	0	14.36	33.519	5.87	24.989	297.8	0.000	
10	14.37	33.519	5.88			2.	0.00	0.4	298.0	10	14.37	33.519	5.88	24.987	298.0	0.030	
30	14.27	33.501	5.89			2.	0.08	0.2	297.3	20	14.32	33.512	5.89	24.990	297.7	0.060	
55	14.30	33.508	5.91			3.	0.04	0.0	297.4	30	14.27	33.501	5.89	24.994	297.3	0.089	
70	14.29	33.512	5.89				0.05	0.0	296.9	50	14.29	33.507	5.91	24.994	297.4	0.149	
85	13.98	33.481	5.54	0.38		2.	0.08	0.5	293.0	75	14.19	33.503	5.81	25.012	295.6	0.224	
100	12.26	33.374	4.87	0.64		6.	0.06	4.3	268.3	100	12.26	33.374	4.87	25.300	268.3	0.295	
130	11.29	33.548	4.50	0.94		10.	0.09	8.6	238.3	125	11.34	33.508	4.52	25.574	242.2	0.359	
155	10.45	33.635	4.17	1.25		15.	0.03	14.2	217.7	150	10.61	33.618	4.24	25.788	221.8	0.418	
179	9.75	33.803	3.84	1.43		20.	0.02	18.0	194.0	200	9.24	33.692	3.37	26.233	179.6	0.520	
214	8.94	33.929	3.02	1.66		27.	0.06	22.5	172.1	250	8.19	33.984	2.19	26.468	157.2	0.606	
278	7.70	34.003	1.63	2.11		42.	0.01	27.7	148.8	300	7.44	34.028	1.38	26.614	143.3	0.684	
376	6.73	34.096	0.87	2.72		61.	0.00	34.8	128.9	400	6.46	34.110	0.72	26.812	124.5	0.823	
474	5.72	34.154	0.38	3.12		80.	0.02	40.2	112.3	500	5.57	34.182	0.39	26.981	108.5	0.945	
606	5.17	34.290	0.41	3.30		96.	0.00	43.6	95.8	600	5.18	34.285	0.41	27.109	96.4	1.054	
756	4.64	34.373	0.57	3.36			0.00	44.5	83.8	700	4.82	34.347	0.50	27.199	87.8	1.154	
903	4.26	34.462	0.79				0.00	45.0	73.2	800	4.52	34.402	0.63	27.277	80.4	1.246	
1110	3.63	34.510		3.37			0.00	43.2	63.5	1000	3.98	34.496		27.410	67.9	1.411	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202							100070
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 20.0N		119 27.0W		2/ 2/72		1220 GMT			3451M	320	9KT		O2	SI&T	DT	DD	
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SI&T	DT	DD		
									0	14.36	33.51		24.982	298.5	0.000		
									10	14.36	33.50		24.975	299.2	0.030		
									20	14.35	33.50		24.977	299.0	0.060		
									30	14.34	33.50		24.979	298.8	0.090		
									50	13.91	33.42		25.007	296.1	0.149		
									75	13.47	33.36		25.051	291.9	0.223		
									100	12.33	33.36		25.275	270.6	0.294		
									125	10.87	33.47		25.630	236.9	0.358		
									150	9.83	33.68		25.972	204.3	0.414		
									200	9.03	33.92		26.290	174.1	0.511		
									250	8.11	33.98		26.479	156.2	0.595		
									300	7.20	34.01		26.634	141.5	0.672		
									400	6.19	34.08		26.824	123.4	0.809		
									500	5.49	34.19		26.998	106.9	0.930		
									600	5.23	34.29		27.108	96.5	1.038		
									700	5.05	34.38		27.200	87.7	1.138		
									800	4.60	34.42		27.283	79.9	1.230		
									1000	3.99	34.48		27.396	69.2	1.396		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202							100080
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 00.0N		120 07.0W		2/ 2/72		1730 GMT			4116M	360	9KT	2	O2	SI&T	DT	DD	
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SI&T	DT	DD		
									0	14.26	33.49		24.988	297.9	0.000		
									10	14.24	33.49		24.992	297.5	0.030		
									20	14.24	33.49		24.992	297.5	0.060		
									30	14.24	33.49		24.992	297.5	0.089		
									50	14.20	33.49		25.001	296.7	0.149		
									75	13.90	33.44		25.025	294.4	0.223		
									100	11.42	33.56		25.601	239.6	0.291		
									125	10.23	33.70		25.920	209.3	0.347		
									150	9.87	33.84		26.090	193.1	0.398		
									200	8.83	34.01		26.392	164.5	0.489		
									250	8.09	34.03		26.521	152.2	0.571		
									300	7.34	34.05		26.645	140.4	0.646		
									400	6.48	34.22		26.897	116.5	0.780		
									500	6.05	34.31		27.023	104.5	0.896		
									600	5.49	34.37		27.140	93.4	1.002		
									700	5.06	34.41		27.223	85.6	1.100		
									800	4.70	34.44		27.286	79.4	1.190		
									1000	4.02	34.50		27.409	68.0	1.356		

RV DAVIL STARR JORDAN						CALCOFI CRUISE 7202						100080			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
30 00.0N	120 07.0W	2/ 2/72	1A29	6M1		4116M	360	9KT	2	350 1 5					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	14.26	33.503	5.88	0.30	2.	0.03	0.3	297.0	0	14.26	33.503	5.88	24.998	297.0	0.000
10	14.23	33.502	5.90	0.33	2.	0.01	0.5	296.4	10	14.23	33.502	5.90	25.003	296.4	0.030
30	14.22	33.499	5.91	0.34	2.	0.01	0.1	296.4	20	14.22	33.502	5.91	25.003	296.4	0.059
55	14.14	33.491	5.90	0.34	2.	0.00	0.3	295.4	30	14.22	33.499	5.91	25.003	296.4	0.089
70	13.93	33.464	5.91	0.40	2.	0.05	0.2	293.3	50	14.16	33.494	5.90	25.012	295.6	0.148
85	12.80	33.434	5.47	0.60	5.	0.03	3.6	275.0	75	13.60	33.449	5.79	25.091	288.1	0.222
100	11.74	33.523	4.57	0.84	8.	0.01	7.6	248.0	100	11.74	33.523	4.97	25.513	248.0	0.289
130	10.18	33.715	4.36	1.26	16.	0.00	15.0	207.4	125	10.37	33.685	4.45	25.882	212.9	0.348
154	9.79	33.859	3.65	1.61	22.	0.01	19.6	190.4	150	9.83	33.839	3.76	26.095	192.7	0.399
180	9.30	33.955	3.50	1.70	28.	0.07	22.4	175.7	200	8.85	33.993	3.49	26.374	166.1	0.490
215	8.52	34.009	3.48	1.93	34.	0.03	25.0	160.0	250	7.96	34.040	2.93	26.546	149.8	0.571
279	7.60	34.056	2.34	2.31A	48.	0.01	29.3	143.4	300	7.33	34.073	2.04	26.664	138.6	0.646
377	6.57	34.144	1.18	2.85A	65.	0.03	36.2	123.3	400	6.47	34.179	0.97	26.864	119.6	0.780
474	6.26	34.282	0.46	3.18A	76.	0.03	39.2	109.2	500	6.11	34.304	0.43	27.010	105.8	0.899
605	5.48	34.363	0.31	3.31	92.	0.01	42.5	93.0	600	5.51	34.362	0.32	27.131	94.3	1.006
756	4.79	34.427	0.36	3.38	107.	0.06	42.7	81.4	700	5.02	34.407	0.34	27.225	85.4	1.104
902	4.34	34.470	0.53	3.37	116.	0.03	42.8	73.4	800	4.64	34.442	0.41	27.295	78.7	1.194
1110	3.73	34.514	0.71	3.24	129.	0.00	42.2	64.1	1000	4.05	34.494	0.62	27.400	68.7	1.359

RV DAVIL STARR JORDAN						CALCOFI CRUISE 7202						100090			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
29 40.5N	120 48.0W	2/ 2/72	2302	6M1		3926M	110	6KT	1	350 1 5					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	14.07	33.43							0	14.07	33.43		24.982	298.5	0.000
10	13.95	33.43							10	13.95	33.43		25.006	296.2	0.030
20	13.91	33.42							20	13.91	33.42		25.007	296.1	0.059
30	13.86	33.43							30	13.86	33.43		25.025	294.4	0.089
50	13.85	33.43							50	13.85	33.43		25.027	294.2	0.148
75	13.70	33.41							75	13.70	33.41		25.043	292.7	0.222
100	12.55	33.43							100	12.55	33.43		25.287	269.4	0.293
125	10.71	33.47							125	10.71	33.47		25.658	234.2	0.356
150	10.14	33.66							150	10.14	33.66		25.904	210.8	0.413
200	9.12	33.99							200	9.12	33.99		26.330	170.3	0.510
250	8.09	34.00							250	8.09	34.00		26.497	154.4	0.593
300	7.37	34.04							300	7.37	34.04		26.633	141.5	0.669
400	6.36	34.15							400	6.36	34.15		26.857	120.3	0.805
500	5.72	34.23							500	5.72	34.23		27.002	106.6	0.925
600	5.44	34.34							600	5.44	34.34		27.123	95.1	1.032
700	5.07	34.40							700	5.07	34.40		27.214	86.5	1.131
800	4.64	34.44							800	4.64	34.44		27.294	78.8	1.221
1000	4.04	34.49							1000	4.04	34.49		27.399	68.9	1.387

RV ALASKA						CALCOFI CRUISE 7202						103029			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
31 07.0N	116 21.0W	2/19/72	0255	6M1						350 1 5					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	13.25	33.58							0	13.25	33.58		25.265	271.6	0.000
10	13.05	33.59							10	13.05	33.59		25.313	267.0	0.027
20	12.60	33.54							20	12.60	33.54		25.362	262.3	0.053

RV ALASKA						CALCOFI CRUISE 7202						103030			
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
31 06.0N	116 24.5W	2/19/72	0200	6M1						350 1 5					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
0	13.60	33.48							0	13.60	33.48		25.117	285.6	0.000
10	13.50	33.51							10	13.50	33.51		25.160	281.5	0.028
20	13.05	33.57							20	13.05	33.57		25.297	268.5	0.056
30	12.50	33.59							30	12.50	33.59		25.420	256.8	0.082

A) THE PHOSPHATE SAMPLES FROM 279 TO 474 METERS APPEAR TO HAVE BEEN REVERSED. THEY ARE ASSUMED TO NOW BE IN THE CORRECT ORDER.

RV ALASKA				CALCOFI CRUISE 7202										103035	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES						
30 56.0N	116 45.0W	2/18/72	2250 GMT	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD		
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD
									0	14.20	33.47		24.985	298.2	0.000
									10	14.00	33.45		25.012	295.7	0.030
									20	13.60	33.41		25.022	294.7	0.059
									30	13.70	33.43		25.058	291.3	0.089
									50	13.15	33.41		25.154	282.1	0.146
									75	11.90	33.49		25.457	253.2	0.213
									100	11.20	33.74		25.780	222.6	0.273
									125	10.15	33.79		26.004	201.3	0.327
									150	9.65	34.04		26.282	174.8	0.375
									200	9.70	34.30		26.477	156.4	0.459
									250	8.90	34.31		26.615	143.3	0.536
									300	8.65	34.37		26.701	135.1	0.609
									400	7.60	34.36		26.851	120.8	0.743
									500	6.75	34.37		26.979	108.8	0.865

RV ALASKA				CALCOFI CRUISE 7202										103040	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES						
30 47.0N	117 06.0W	2/18/72	1950 GMT	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD		
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD
									0	14.20	33.44		24.962	300.4	0.000
									10	14.15	33.45		24.980	298.6	0.030
									20	14.15	33.46		24.988	297.9	0.060
									30	13.60	33.40		25.055	291.5	0.089
									50	13.30	33.41		25.124	285.0	0.147
									75	12.50	33.40		25.274	270.7	0.217
									100	11.45	33.43		25.494	249.7	0.283
									125	11.00	33.89		25.933	208.1	0.341
									150	10.35	34.07		26.187	183.9	0.390
									200	9.85	34.30		26.451	158.8	0.478
									250	8.55	34.20		26.584	146.2	0.556
									300	8.60	34.31		26.662	138.8	0.630
									400	7.65	34.32		26.813	124.5	0.768
									500	6.60	34.37		26.999	106.8	0.890

RV ALASKA				CALCOFI CRUISE 7202										103045	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES						
30 35.0N	117 24.0W	2/18/72	1445 GMT	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD		
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD
									0	14.30	33.45		24.949	301.6	0.000
									10	14.30	33.45		24.949	301.6	0.030
									20	14.30	33.45		24.949	301.6	0.060
									30	14.05	33.40		24.963	300.3	0.091
									50	13.55	33.35		25.027	294.2	0.150
									75	12.35	33.29		25.217	276.1	0.222
									100	11.30	33.50		25.576	242.0	0.287
									125	10.20	33.62		25.863	214.7	0.345
									150	9.65	33.85		26.134	188.9	0.396
									200	9.25	34.04		26.348	168.6	0.467
									250	8.80	34.15		26.506	153.6	0.570
									300	8.50	34.27		26.646	140.3	0.646
									400	7.30	34.29		26.839	122.0	0.783
									500	6.40	34.31		26.978	108.8	0.905

RV ALASKA				CALCOFI CRUISE 7202										103050	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES						
30 26.0N	117 44.0W	2/18/72	1100 GMT	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD		
Z	T	S	O2	P04	S103	NO2	NO3	DT	Z	T	S	O2	SIgT	DT	DD
									0	14.20	33.48		24.993	297.4	0.000
									10	14.20	33.48		24.993	297.4	0.030
									20	13.85	33.43		25.027	294.2	0.059
									30	13.75	33.43		25.048	292.2	0.089
									50	13.15	33.40		25.146	282.9	0.146
									75	12.10	33.40		25.350	263.5	0.215
									100	11.00	33.48		25.614	238.3	0.278
									125	10.50	33.61		25.803	220.3	0.336
									150	10.15	33.80		26.011	200.6	0.390
									200	9.55	34.05		26.307	172.5	0.485
									250	8.95	34.15		26.482	155.9	0.569
									300	8.30	34.17		26.599	144.8	0.647
									400	7.10	34.24		26.828	123.0	0.786
									500	6.45	34.31		26.971	109.4	0.909

RV ALASKA				CALCOFI CRUISE 7202											103055
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
30 14.0N	118 05.0W	2/18/72	0708 GMT	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
									0	14.80	33.80		25.111	286.2	0.000
									10	14.80	33.57		24.935	303.0	0.029
									20	14.80	33.57		24.935	303.0	0.060
									30	14.55	33.49		24.927	303.7	0.090
									50	13.80	33.43		25.037	293.2	0.150
									75	13.20	33.39		25.128	284.6	0.223
									100	12.35	33.37		25.279	270.2	0.293
									125	10.60	33.52		25.716	228.7	0.356
									150	10.00	33.75		25.998	201.9	0.410
									200	9.15	33.96		26.302	173.0	0.506
									250	8.50	34.01		26.443	159.6	0.591
									300	7.90	34.13		26.627	142.1	0.669
									400	7.05	34.22		26.819	123.8	0.807
									500	6.25	34.27		26.966	109.9	0.931

RV ALASKA				CALCOFI CRUISE 7202											103060
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
30 06.0N	118 25.0W	2/18/72	0320 GMT	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
									0	14.95	33.58		24.910	305.3	0.000
									10	14.90	33.57		24.913	305.0	0.031
									20	14.85	33.57		24.924	304.0	0.061
									30	14.80	33.57		24.935	303.0	0.091
									50	14.55	33.53		24.957	300.8	0.152
									75	13.30	33.35		25.077	289.4	0.226
									100	11.60	33.42		25.459	253.1	0.295
									125	10.75	33.66		25.799	220.8	0.354
									150	9.95	33.80		26.045	197.4	0.407
									200	9.00	33.96		26.326	170.7	0.501
									250	8.10	34.02		26.511	153.1	0.584
									300	7.50	34.05		26.623	142.5	0.660
									400	6.35	34.13		26.843	121.6	0.798
									500	5.95	34.24		26.981	108.5	0.919

RV ALASKA				CALCOFI CRUISE 7202											103070
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
29 46.5N	119 04.0W	2/17/72	2220 GMT	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
									0	15.70	33.68		24.822	313.7	0.000
									10	15.65	33.67		24.825	313.4	0.031
									20	15.60	33.67		24.836	312.4	0.063
									30	15.45	33.63		24.839	312.1	0.094
									50	15.30	33.62		24.864	309.7	0.156
									75	14.05	33.43		24.986	298.1	0.233
									100	12.30	33.38		25.297	268.6	0.304
									125	11.30	33.56		25.622	237.6	0.368
									150	10.25	33.77		25.971	204.4	0.424
									200	9.70	34.11		26.329	170.4	0.520
									250	8.90	34.11		26.459	158.1	0.604
									300	8.35	34.18		26.599	144.8	0.682
									400	7.30	34.25		26.808	124.9	0.823
									500	6.40	34.27		26.947	111.8	0.948

RV ALASKA				CALCOFI CRUISE 7202											103080
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
29 26.0N	119 43.0W	2/17/72	1455 GMT	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD		
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	O2	SI6T	DT	DD
									0	15.65	33.68		24.833	312.7	0.000
									10	15.65	33.68		24.833	312.7	0.031
									20	15.65	33.68		24.833	312.7	0.063
									30	15.65	33.68		24.833	312.7	0.094
									50	15.65	33.69		24.840	311.9	0.157
									75	15.25	33.60		24.860	310.1	0.235
									100	12.15	33.51		25.426	256.3	0.306
									125	10.95	33.71		25.802	220.5	0.366
									150	10.20	33.97		26.135	188.8	0.418
									200	9.40	34.17		26.425	161.3	0.508
									250	8.75	34.21		26.560	148.4	0.587
									300	8.60	34.31		26.662	138.8	0.662
									400	7.45	34.33		26.850	121.0	0.798
									500	6.65	34.36		26.984	108.2	0.919



RV ALASKA CALCOFI CRUISE 7202 107031

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 28.0N	116 07.0W	2/19/72	0730	GMT									
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD
							0	13.40	33.53		25.196	278.1	0.000
							10	13.35	33.53		25.206	277.1	0.028
							20	13.05	33.52		25.259	272.2	0.055
							30	12.65	33.54		25.353	263.2	0.082

RV ALASKA CALCOFI CRUISE 7202 107032

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 26.0N	116 11.5W	2/19/72	0845	GMT									
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD
							0	13.60	33.50		25.132	284.2	0.000
							10	13.60	33.50		25.132	284.2	0.028
							20	13.60	33.50		25.132	284.2	0.057
							30	13.45	33.46		25.132	284.2	0.085
							50	12.30	33.49		25.382	260.5	0.140
							75	11.40	33.75		25.751	225.3	0.201
							100	10.80	33.98		26.038	198.0	0.255
							125	10.55	34.07		26.152	187.2	0.303

RV ALASKA CALCOFI CRUISE 7202 107035

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 21.5N	116 22.5W	2/19/72	1155	GMT									
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD
							0	14.10	33.48		25.014	295.4	0.000
							10	14.10	33.48		25.014	295.4	0.030
							20	14.00	33.47		25.027	294.2	0.059
							30	13.55	33.47		25.119	285.4	0.088
							50	13.20	33.46		25.182	279.4	0.145
							75	11.20	33.49		25.586	241.0	0.210

RV ALASKA CALCOFI CRUISE 7202 107040

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
30 10.0N	116 42.0W	2/19/72	1535	GMT									
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD
							0	14.85	33.59		24.939	302.5	0.000
							10	14.85	33.59		24.939	302.5	0.030
							20	14.80	33.58		24.942	302.3	0.061
							30	14.35	33.49		24.969	299.7	0.091
							50	14.15	33.47		24.996	297.2	0.151
							75	13.20	33.40		25.136	283.8	0.224
							100	11.80	33.44		25.437	255.2	0.292
							125	10.55	33.65		25.826	218.2	0.351
							150	9.85	33.88		26.124	189.8	0.403
							200	9.10	34.10		26.419	161.9	0.493
							250	8.45	34.16		26.568	147.7	0.572
							300	8.10	34.20		26.652	139.7	0.647
							400	7.30	34.29		26.839	122.0	0.783
							500	6.55	34.30		26.950	111.4	0.907

RV ALASKA CALCOFI CRUISE 7202 107050

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
29 50.0N	117 22.0W	2/19/72	2115	GMT									
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD
							0	14.65	33.49		24.905	305.8	0.000
							10	14.60	33.48		24.908	305.5	0.031
							20	14.40	33.49		24.959	300.7	0.061
							30	14.25	33.45		24.959	300.6	0.091
							50	13.20	33.36		25.105	286.8	0.150
							75	12.05	33.35		25.321	266.2	0.220
							100	11.20	33.43		25.540	245.4	0.284
							125	10.65	33.66		25.816	219.1	0.343
							150	10.20	33.85		26.042	197.7	0.395
							200	9.35	34.03		26.324	170.9	0.489
							250	8.85	34.12		26.474	156.6	0.573
							300	8.15	34.19		26.637	141.2	0.650
							400	7.25	34.29		26.847	121.3	0.787
							500	6.50	34.32		26.973	109.3	0.910

RV ALASKA				CALCOFI CRUISE 7202										107060		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
29 30.0N	118 01.0W	2/20/72	0330 GMT	N02	N03	DT	Z	T	S		02	SIGT	DT	DD		
Z	T	S	02	P04	S103											
							0	15.30	33.65			24.887	307.5	0.000		
							10	15.30	33.65			24.867	307.5	0.031		
							20	15.25	33.65			24.898	306.4	0.062		
							30	15.05	33.62			24.919	304.5	0.092		
							50	14.70	33.57			24.956	300.9	0.153		
							75	14.10	33.47			25.006	296.2	0.228		
							100	12.20	33.46			25.377	260.9	0.298		
							125	11.25	33.65			25.701	230.1	0.360		
							150	10.40	33.73			25.914	209.8	0.416		
							200	9.15	33.95			26.294	173.7	0.514		
							250	8.45	34.04			26.474	156.6	0.598		
							300	7.90	34.11			26.612	143.6	0.676		
							400	7.05	34.24			26.835	122.4	0.814		
							500	6.75	34.36			26.971	109.5	0.937		

RV ALASKA				CALCOFI CRUISE 7202										107080		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
28 51.0N	119 20.0W	2/20/72	2317 GMT	N02	N03	DT	Z	T	S		02	SIGT	DT	DD		
Z	T	S	02	P04	S103											
							0	15.55	33.64			24.824	313.5	0.000		
							10	15.40	33.61			24.835	312.5	0.031		
							20	15.40	33.62			24.842	311.8	0.063		
							30	15.40	33.62			24.842	311.8	0.094		
							50	14.95	33.60			24.925	303.9	0.156		
							75	12.95	33.38			25.170	280.6	0.229		
							100	11.55	33.51			25.538	245.6	0.295		
							125	10.70	33.65			25.800	220.7	0.354		
							150	10.05	33.87			26.063	193.8	0.407		
							200	9.25								
							250	8.60								
							300	8.45								
							400	7.00								
							500	6.05								

RV DAVID STARR JORDAN				CALCOFI CRUISE 7202										110032		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
29 51.0N	115 49.5W	2/ 4/72	2124 GMT	N02	N03	DT	Z	T	S		02	SIGT	DT	DD		
Z	T	S	02	P04	S103											
							0	13.05	33.61			25.328	265.6	0.000		
							10	13.01	33.59			25.320	266.3	0.027		
							20	12.88	33.57			25.331	265.3	0.053		
							30	12.67	33.65			25.434	255.5	0.079		

RV DAVID STARR JORDAN				CALCOFI CRUISE 7202										110035		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES			
29 46.0N	116 00.0W	2/ 4/72	1847 GMT	N02	N03	DT	Z	T	S		02	SIGT	DT	DD		
Z	T	S	02	P04	S103											
							0	13.92	33.66			25.190	278.7	0.000		
							10	13.81	33.64			25.197	278.0	0.028		
							20	13.10	33.52			25.249	273.1	0.055		
							30	12.69	33.50			25.314	266.9	0.083		
							50	11.97	33.69			25.599	239.8	0.133		
							75	11.69	33.83			25.760	224.5	0.192		
							100	11.05	33.96			25.978	203.8	0.246		
							125	10.48	34.09			26.180	184.5	0.295		
							150	10.20	34.26			26.361	167.4	0.340		
							200	9.98	34.39			26.500	154.2	0.422		
							250	9.43	34.43			26.623	142.5	0.498		
							300	8.84	34.41			26.702	134.9	0.571		
							400	8.00	34.42			26.840	121.9	0.705		
							500	6.82	34.36			26.961	110.4	0.829		
							600	6.01	34.38			27.084	98.8	0.941		
							700	5.50	34.41			27.171	90.5	1.044		
							800	5.01	34.44			27.252	82.8	1.140		
							1000	4.31	34.48			27.362	72.4	1.314		

## RV DAVID STARR JORUAN

## CALCOFI CRUISE 7202

110040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER			TIME	BOTTOM		WIND		SPEED		WEATHER	DOMINANT WAVES		
29 36.5N		116 19.5W		2/ 4/72		1410 GMI				2321M		350		13KT		1	350 1 6		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD				
0	13.93	33.53											25.088	288.4	0.000				
10	13.94	33.53											25.086	288.6	0.029				
20	13.94	33.53											25.086	288.6	0.058				
30	13.92	33.53											25.090	288.2	0.087				
50	13.77	33.51											25.105	286.7	0.144				
75	12.57	33.51											25.345	263.9	0.214				
100	11.02	33.73											25.805	220.2	0.275				
125	10.95	33.95											25.988	202.8	0.328				
150	10.59	34.09											26.161	186.4	0.378				
200	9.97	34.27											26.408	162.9	0.467				
250	9.37	34.32											26.547	149.7	0.547				
300	8.69	34.29											26.632	141.6	0.623				
400	7.74	34.32											26.800	125.7	0.763				
500	6.68	34.33											26.957	110.9	0.888				
600	5.96	34.37											27.079	99.2	1.001				
700	5.37	34.41											27.186	89.0	1.103				
800	4.91	34.45											27.272	80.9	1.197				
1000	4.15	34.50											27.395	69.3	1.365				

## RV DAVID STARR JORUAN

## CALCOFI CRUISE 7202

110040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER			TIME	BOTTOM		WIND		SPEED		WEATHER	DOMINANT WAVES		
29 36.5N		116 19.5W		2/ 4/72		1559 GMI				2321M		350		13KT		1	350 1 6		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD				
2	13.91	33.528	6.08	0.31	2.	0.00	0.1	288.2	0	13.91	33.528	6.08	25.090	288.2	0.000				
12	13.91	33.525	6.09	0.23	3.	0.07	0.1	288.4	10	13.91	33.527	6.09	25.088	288.4	0.029				
32	13.88	33.526	6.10	0.29	2.	0.05	0.1	287.7	20	13.90	33.527	6.09	25.089	288.3	0.058				
57	13.74	33.521	5.84	0.33	3.	0.11	0.3	285.4	30	13.89	33.528	6.10	25.094	287.9	0.087				
72	12.64	33.533	4.81	0.82	9.	0.06	7.5	263.5	50	13.78	33.524	5.91	25.113	286.0	0.144				
87	11.68	33.551	4.33	1.14	12.	0.03	11.2	244.9	75	12.43	33.536	4.68	25.390	259.6	0.213				
102	10.94	33.618	4.04	1.31	15.	0.02	14.9	227.1	100	11.02	33.608	4.08	25.709	229.3	0.274				
132	10.69	33.915	2.70	1.85	24.	0.08	21.2	204.3	125	10.90	33.657	3.03	25.923	208.9	0.330				
156	10.60	34.101	2.04	2.09	30.	0.04	25.2	185.7	150	10.69	34.065	2.15	26.123	190.0	0.380				
181	10.06	34.119	2.16	2.03	33.	0.02	26.1	175.5	200	9.79	34.170	1.99	26.359	167.5	0.472				
214	9.63	34.209	1.80	2.34	37.	0.07	29.0	162.0	250	9.22	34.263	1.46	26.526	151.7	0.554				
278	8.92	34.283	1.23	2.50	44.	0.02	29.7	145.6	300	8.66	34.294	1.10	26.639	140.9	0.630				
374	7.83	34.307	0.80	2.85	56.	0.00	33.5	127.9	400	7.58	34.311	0.71	26.816	124.2	0.768				
470	6.95	34.321	0.51	3.03	67.	0.01	37.8	115.0	500	6.68	34.332	0.45	26.958	110.7	0.893				
597	5.89	34.371	0.32	3.18	82.	0.03	42.4	98.0	600	5.87	34.373	0.32	27.095	97.7	1.005				
746	5.11	34.413	0.33	3.26	98.	0.01	43.4	85.9	700	5.32	34.402	0.33	27.186	89.1	1.106				
891	4.45	34.454	0.47	3.34	112.	0.06	44.3	75.8	800	4.85	34.429	0.37	27.262	81.9	1.200				
1096	3.84	34.504	0.69	3.29	126.	0.00	42.8	65.9	1000	4.08	34.483	0.58	27.388	69.9	1.370				

## RV DAVID STARR JORUAN

## CALCOFI CRUISE 7202

110050

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER			TIME	BOTTOM		WIND		SPEED		WEATHER	DOMINANT WAVES		
29 17.5N		116 59.0W		2/ 4/72		0815 GMI				3357M		360		10KT					
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD				
0	13.77	33.41											25.028	294.1	0.000				
10	13.77	33.41											25.028	294.1	0.029				
20	13.76	33.41											25.030	293.9	0.059				
30	13.69	33.41											25.045	292.5	0.088				
50	13.57	33.55											25.177	279.9	0.146				
75	11.88	33.53											25.492	249.9	0.212				
100	11.34	33.79											25.793	221.3	0.272				
125	10.56	33.96											26.065	195.5	0.324				
150	10.35	34.13											26.234	179.4	0.372				
200	9.99	34.33											26.451	158.8	0.458				
250	9.29	34.35											26.583	146.2	0.537				
300	8.58	34.35											26.696	135.5	0.610				
400	7.50	34.33											26.842	121.7	0.745				
500	6.54	34.35											26.991	107.6	0.866				
600	5.79	34.38											27.111	96.2	0.976				
700	5.32	34.41											27.192	88.5	1.076				
800	4.87	34.44											27.269	81.3	1.170				
1000	4.17	34.49											27.385	70.2	1.339				

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES			
	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD						
	24	56.5N	117	38.5W	2/	3/72	2340	GMT	3357M	240	4KT	2	100	2	6						
0																					
10																					
20																					
30																					
50																					
75																					
100																					
125																					
150																					
200																					
250																					
300																					
400																					
500																					
600																					
700																					
800																					
1000																					

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD					
	24	56.5N	117	38.5W	2/	3/72	2340	GMT	3357M	240	4KT	2	100	2	6					
0	14.30	33.453		0.40	2.	0.05	0.0	301.4	0	14.30	33.453		24.951	301.4	0.000					
10	14.13	33.492	U	5.96	0.36	3.	0.05		10	14.13	33.445	5.96	24.979	298.7	0.030					
30	14.04	33.466		5.94	0.36	3.	0.05	295.3	20	14.06	33.455	5.95	25.001	296.7	0.060					
56	13.94	33.449		5.96	0.36	2.	0.05	294.6	30	14.04	33.466	5.94	25.016	295.3	0.090					
72	13.91	33.424		6.15	0.37	2.	0.12	295.8	50	13.96	33.454	5.96	25.021	294.7	0.149					
86	13.02	33.327		5.82	0.48	3.	0.24	285.8	75	13.73	33.403	6.09	25.029	294.0	0.223					
101	12.61	33.335		5.79	0.57	4.	0.13	277.5	100	12.63	33.334	5.79	25.195	278.2	0.295					
131	11.42	33.559		4.52	1.13	11.	0.11	239.7	125	11.67	33.502	4.83	25.508	248.5	0.361					
157	10.46	33.800		3.67	1.51	19.	0.11	205.6	150	10.70	33.738	3.87	25.867	214.3	0.420					
182	9.85	33.960		3.16	1.78	25.	0.14	183.9	200	9.61	34.046	2.60	26.292	173.9	0.519					
216	9.46	34.103		2.51	2.12	33.	0.12	167.2	250	9.06	34.165	2.00	26.491	155.0	0.603					
279	8.72	34.225		1.65	2.49	43.	0.09	146.9	300	8.47	34.249	1.41	26.634	141.4	0.680					
378	7.61	34.305		0.74	2.89	59.	0.06	125.0	400	7.42	34.319	0.66	26.845	121.4	0.817					
475	6.84	34.355		0.50	3.11	71.	0.15	111.0	500	6.66	34.364	0.44	26.984	108.2	0.939					
605	5.98	34.388		0.26	3.30	83.	0.13	97.8	600	6.01	34.388	0.27	27.089	98.3	1.050					
754	5.07	34.427		0.36	3.33	100.	0.12	84.4	700	5.38	34.413	0.32	27.167	89.0	1.152					
903	4.37	34.466		0.47	3.19	115.	0.15	74.0	800	4.83	34.440	0.39	27.273	80.9	1.245					
1114	3.78	34.513		0.70	3.29	129.	0.09	64.7	1000	4.04	34.490	0.56	27.399	69.0	1.413					

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES			
	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD						
	24	56.5N	118	18.0W	2/	3/72	1725	GMT	3545M	240	10KT	1	060	2	5						
0																					
10																					
20																					
30																					
50																					
75																					
100																					
125																					
150																					
200																					
250																					
300																					
400																					
500																					
600																					
700																					
800																					
1000																					

RV DAVID STARR JOHNSON				CALCOFI CRUISE 7202												110080
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
28 16.0N	118 56.5W	2/ 3/72	1124 GMT		3737M	080	4KT		02	SIGT	DT	DD				
Z	T	S	U2	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	15.53	33.67		24.852	310.9	0.000			
							10	15.53	33.67		24.852	310.9	0.031			
							20	15.52	33.67		24.854	310.7	0.062			
							30	15.52	33.67		24.854	310.7	0.093			
							50	15.35	33.64		24.869	309.3	0.156			
							75	12.91	33.41		25.201	277.6	0.229			
							100	11.24	33.45		25.548	244.6	0.295			
							125	10.43	33.69		25.878	213.3	0.353			
							150	9.99	33.85		26.077	194.3	0.405			
							200	9.27	34.08		26.376	165.9	0.496			
							250	8.81	34.22		26.559	148.6	0.577			
							300	8.33	34.26		26.664	138.5	0.652			
							400	7.12	34.26		26.841	121.8	0.788			
							500	6.32	34.36		27.028	104.1	0.907			
							600	5.73	34.39		27.127	94.7	1.014			
							700	5.23	34.43		27.219	86.0	1.112			
							800	4.67	34.45		27.299	78.4	1.203			
							1000	4.06	34.50		27.405	68.4	1.367			

RV DAVID STARR JOHNSON				CALCOFI CRUISE 7202												110080
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
28 16.0N	118 56.5W	2/ 3/72	1259 GMT		3737M	080	4KT		02	SIGT	DT	DD				
Z	T	S	U2	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	15.52	33.666	5.74	24.851	310.9	0.000			
							10	15.50	33.668	5.83	24.855	310.6	0.031			
							20	15.50	33.668	5.82	24.857	310.4	0.062			
							30	15.49	33.669	5.77	24.858	310.3	0.093			
							50	15.15	33.617	5.81	24.893	306.9	0.155			
							75	13.06	33.419	5.50	25.177	279.9	0.229			
							100	11.55	33.476	5.01	25.509	248.3	0.296			
							125	10.60	33.643	4.33	25.811	219.7	0.355			
							150	9.95	33.837	3.61	26.073	194.7	0.407			
							171.1	200	9.14	34.058	2.73	26.379	165.7	0.499		
							162.6	250	8.73	34.151	2.03	26.516	152.6	0.581		
							143.3	300	8.27	34.244	1.29	26.660	139.0	0.656		
							124.6	400	7.19	34.287	0.72	26.852	120.8	0.792		
							109.1	500	6.41	34.349	0.42	27.006	106.1	0.912		
							95.0	600	5.74	34.380	0.33	27.118	95.6	1.020		
							82.4	700	5.16	34.412	0.36	27.212	86.7	1.119		
							73.7	800	4.70	34.441	0.44	27.287	79.5	1.211		
							64.3	1000	4.03	34.490	0.61	27.399	68.9	1.377		

RV ALASKA				CALCOFI CRUISE 7202												113035
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
29 10.0N	115 42.0W	2/22/72	1320 GMT						02	SIGT	DT	DD				
Z	T	S	U2	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	13.70	33.45		25.073	289.8	0.000			
							10	13.70	33.45		25.073	289.8	0.029			
							20	13.70	33.45		25.073	289.8	0.058			
							30	13.65	33.45		25.084	288.8	0.087			
							50	13.00	33.41		25.183	279.3	0.144			
							75	11.60	33.60		25.598	239.8	0.209			
							100	11.05	33.78		25.838	217.0	0.267			
							125	10.70	33.93		26.017	200.0	0.320			
							150	10.40	34.11		26.209	181.7	0.368			
							200	10.10	34.32		26.425	161.3	0.456			
							250	9.70	34.36		26.523	151.9	0.536			
							300	8.80	34.30		26.623	142.5	0.613			
							400	8.00	34.36		26.793	126.4	0.754			
							500	6.95	34.34		26.928	113.6	0.881			

RV ALASKA				CALCOFI CRUISE 7202												113040
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
29 02.0N	115 57.0W	2/22/72	0925 GMT						02	SIGT	DT	DD				
Z	T	S	U2	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD			
							0	14.45	33.63		25.056	291.5	0.000			
							10	14.40	33.64		25.074	289.7	0.029			
							20	14.35	33.63		25.077	289.5	0.058			
							30	14.00	33.59		25.119	285.4	0.087			
							50	13.55	33.57		25.197	278.1	0.143			
							75	11.95	33.61		25.541	245.3	0.209			
							100	10.95	33.77		25.848	216.1	0.267			
							125	10.55	34.01		26.106	191.6	0.319			
							150	10.45	34.15		26.232	179.6	0.366			
							200	10.35	34.36		26.413	162.4	0.454			
							250	9.85	34.44		26.561	148.4	0.534			
							300	9.40	34.44		26.636	141.3	0.609			
							400	8.30	34.40		26.779	127.7	0.750			
							500	7.25	34.39		26.925	113.8	0.879			



RV ALASKA				CALCOFI CRUISE 7202											113045
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	14.55	33.47		24.911	305.2	0.000
									10	14.55	33.47		24.911	305.2	0.031
									20	14.55	33.47		24.911	305.2	0.061
									30	14.45	33.47		24.932	303.2	0.092
									50	14.15	33.48		25.003	296.4	0.152
									75	12.80	33.37		25.192	278.5	0.224
									100	11.90	33.55		25.504	248.8	0.290
									125	10.70	33.77		25.893	211.9	0.349
									150	10.20	33.90		26.081	194.0	0.400
									200	9.65	34.07		26.306	172.6	0.494
									250	9.45	34.30		26.518	152.4	0.577
									300	9.05	34.37		26.638	141.1	0.653
									400	7.80	34.29		26.767	128.8	0.795
									500	6.80	34.30		26.917	114.6	0.923

RV ALASKA				CALCOFI CRUISE 7202											113050
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	15.30	33.67		24.903	306.0	0.000
									10	15.30	33.68		24.910	305.3	0.031
									20	15.30	33.68		24.910	305.3	0.061
									30	15.25	33.67		24.914	305.0	0.092
									50	14.70	33.62		24.995	297.3	0.152
									75	14.05	33.59		25.109	286.4	0.226
									100	11.75	33.59		25.563	243.2	0.292
									125	10.90	33.95		25.997	201.9	0.349
									150	10.70	34.07		26.126	189.7	0.398
									200	10.45	34.25		26.310	172.2	0.491
									250	10.00	34.35		26.465	157.5	0.576
									300	9.40	34.40		26.604	144.2	0.654
									400	8.50	34.37		26.724	132.9	0.799
									500	7.40	34.38		26.896	116.6	0.932

RV ALASKA				CALCOFI CRUISE 7202											113060
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	15.15	33.67		24.935	302.9	0.000
									10	15.10	33.67		24.946	301.8	0.030
									20	15.05	33.67		24.957	300.8	0.060
									30	14.20	33.50		25.008	296.0	0.090
									50	13.75	33.50		25.102	287.1	0.149
									75	12.70	33.54		25.343	264.1	0.218
									100	11.50	33.75		25.733	227.0	0.280
									125	10.65	33.94		26.034	198.5	0.334
									150	10.10	34.09		26.246	178.3	0.382
									200	9.95	34.28		26.419	161.8	0.469
									250	9.50	34.34		26.541	150.3	0.549
									300	8.85	34.35		26.654	139.5	0.624
									400	7.70	34.35		26.829	122.9	0.762
									500	6.85	34.35		26.949	111.5	0.886

RV ALASKA				CALCOFI CRUISE 7202											113070
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD
									0	15.60	33.59		24.775	318.2	0.000
									10	15.60	33.60		24.782	317.5	0.032
									20	15.60	33.60		24.782	317.5	0.064
									30	14.90	33.46		24.829	313.1	0.095
									50	14.30	33.45		24.949	301.6	0.157
									75	14.10	33.43		24.975	299.1	0.232
									100	13.40	33.37		25.073	289.9	0.307
									125	12.20	33.35		25.293	268.9	0.377
									150	11.20	33.65		25.710	229.2	0.440
									200	9.95	33.98		26.185	184.0	0.545
									250	9.30	34.15		26.426	161.2	0.634
									300	8.70	34.18		26.545	149.9	0.714
									400	7.85	34.25		26.729	132.5	0.862
									500	6.75	34.28		26.906	115.5	0.993

RV ALASKA				CALCOFI CRUISE 7202											113080
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
27 40.0N	118 32.5W	2/21/72	0805	GMT											
Z	T	S	G2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD
									0	16.05	33.67		24.735	322.0	0.000
									10	16.05	33.67		24.735	322.0	0.032
									20	16.05	33.67		24.735	322.0	0.064
									30	16.05	33.66		24.745	321.3	0.097
									50	15.75	33.63		24.772	318.5	0.161
									75	14.20	33.41		24.939	302.6	0.239
									100	12.45	33.43		25.306	267.6	0.311
									125	11.35	33.65		25.683	231.8	0.374
									150	10.70	33.90		25.994	202.3	0.429
									200	10.25	34.20		26.305	172.6	0.525
									250	9.85	34.35		26.490	155.1	0.609
									300	9.30	34.36		26.590	145.7	0.687
									400	8.00	34.31		26.753	130.1	0.831
									500	6.85	34.30		26.910	115.3	0.961

RV ALASKA				CALCOFI CRUISE 7202											117025
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
28 58.0N	114 37.0W	2/22/72	2333	GMT											
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD
									0	15.55	33.70		24.870	309.1	0.000
									10	14.50	33.70		25.099	287.4	0.030
									20	14.00	33.68		25.189	278.8	0.058
									30	13.95	33.70		25.214	276.4	0.086
									50	13.00	33.70		25.407	258.0	0.140

RV ALASKA				CALCOFI CRUISE 7202											117026
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
28 56.0N	114 41.5W	2/23/72	0045	GMT											
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD
									0	15.25	33.66		24.906	305.7	0.000
									10	15.00	33.63		24.937	302.7	0.030
									20	14.70	33.64		25.010	295.8	0.060
									30	14.25	33.59		25.067	290.4	0.090
									50	12.45	33.59		25.430	255.8	0.145

RV ALASKA				CALCOFI CRUISE 7202											117040
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
28 28.0N	115 35.5W	2/24/72	2130	GMT											
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD
									0	14.30	33.56		25.033	293.6	0.000
									10	14.20	33.56		25.054	291.6	0.029
									20	14.15	33.56		25.065	290.6	0.058
									30	14.10	33.55		25.068	290.3	0.088
									50	14.00	33.56		25.096	287.6	0.146
									75	11.85	33.65		25.591	240.6	0.212
									100	10.80	33.83		25.922	209.1	0.269
									125	10.70	33.97		26.048	197.1	0.320
									150	10.45	34.12		26.209	181.8	0.368
									200	10.20	34.30		26.392	164.4	0.457
									250	9.80	34.34		26.491	155.0	0.539
									300	9.10	34.31		26.583	146.3	0.617
									400	8.05	34.35		26.777	127.8	0.760
									500	6.95	34.30		26.896	116.6	0.890

RV ALASKA				CALCOFI CRUISE 7202											117045
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
28 18.0N	115 56.0W	2/25/72	0025	GMT											
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SI6T	DT	DD
									0	14.40	33.61		25.051	291.9	0.000
									10	14.40	33.61		25.051	291.9	0.029
									20	14.30	33.61		25.072	289.9	0.058
									30	14.25	33.61		25.082	288.9	0.087
									50	13.10	33.53		25.256	272.4	0.144
									75	11.80	33.70		25.639	236.0	0.208
									100	11.10	33.84		25.876	213.5	0.264
									125	10.65	34.03		26.104	191.8	0.316
									150	10.15	34.12		26.260	176.9	0.362
									200	9.55	34.22		26.439	159.9	0.448
									250	9.30	34.32		26.558	148.6	0.528
									300	8.70	34.31		26.646	140.3	0.603
									400	8.10	34.40		26.809	124.8	0.742
									500	7.05	34.36		26.929	113.4	0.868

RV ALASKA				CALCOFI CRUISE 7202										117050	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
29 08.0N	116 15.0W	2/25/72	0450 GMT	Z	T	S	02	SIGT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	14.50	33.61		25.030	293.9	0.000
									10	14.40	33.62		25.058	291.2	0.029
									20	14.35	33.62		25.069	290.2	0.058
									30	14.30	33.63		25.087	288.5	0.087
									50	13.25	33.59		25.273	270.8	0.144
									75	11.30	33.65		25.692	230.9	0.207
									100	10.50	33.82		25.967	204.8	0.262
									125	10.20	34.02		26.174	185.1	0.311
									150	10.05	34.16		26.309	172.3	0.356
									200	9.60	34.25		26.454	158.5	0.441
									250	9.05	34.30		26.583	146.3	0.519
									300	8.45	34.31		26.685	136.6	0.593
									400	7.50	34.34		26.850	120.9	0.727
									500	6.55	34.33		26.974	109.2	0.849

RV ALASKA				CALCOFI CRUISE 7202										117060	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
27 48.0N	116 53.0W	2/25/72	1030 GMT	Z	T	S	02	SIGT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	15.80	33.75		24.853	310.8	0.000
									10	15.80	33.77		24.868	309.3	0.031
									20	15.80	33.78		24.876	308.6	0.062
									30	15.80	33.78		24.876	308.6	0.093
									50	15.60	33.81		24.943	302.1	0.154
									75	14.20	33.57		25.062	290.8	0.229
									100	12.40	33.45		25.331	265.2	0.299
									125	10.80	33.75		25.859	215.0	0.359
									150	10.25	33.92		26.088	193.3	0.411
									200	9.80	34.11		26.312	172.0	0.504
									250	9.40	34.27		26.503	153.9	0.588
									300	8.90	34.31		26.615	143.3	0.665
									400	7.85	34.32		26.784	127.3	0.807
									500	6.75	34.32		26.939	112.5	0.934

RV ALASKA				CALCOFI CRUISE 7202										117070	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
27 24.5N	117 31.5W	2/25/72	1620 GMT	Z	T	S	02	SIGT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	15.20	33.66		24.917	304.7	0.000
									10	15.20	33.66		24.917	304.7	0.030
									20	15.15	33.66		24.928	303.6	0.061
									30	15.15	33.66		24.928	303.6	0.091
									50	13.95	33.51		25.068	290.3	0.151
									75	13.25	33.44		25.157	281.8	0.223
									100	12.25	33.51		25.407	258.1	0.291
									125	11.60	33.61		25.606	239.1	0.354
									150	10.40	33.73		25.914	209.8	0.411
									200	9.25	34.07		26.371	166.4	0.506
									250	8.75	34.21		26.560	148.4	0.587
									300	8.35	34.23		26.638	141.1	0.662
									400	7.20	34.25		26.822	123.6	0.800
									500	6.55	34.30		26.950	111.4	0.925

RV ALASKA				CALCOFI CRUISE 7202										117080	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME	BOTTOM			WIND			SPEED	WEATHER	DOMINANT WAVES			
27 06.0N	118 09.5W	2/25/72	2215 GMT	Z	T	S	02	SIGT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	15.05	33.55		24.865	309.6	0.000
									10	15.00	33.55		24.876	308.6	0.031
									20	14.80	33.52		24.896	306.6	0.062
									30	14.80	33.52		24.896	306.6	0.092
									50	14.80	33.52		24.896	306.6	0.154
									75	14.00	33.47		25.027	294.2	0.230
									100	12.50	33.40		25.274	270.7	0.301
									125	11.60	33.55		25.560	243.5	0.366
									150	10.75	33.79		25.899	211.2	0.423
									200	10.15	34.10		26.245	178.4	0.523
									250	10.15	34.39		26.470	157.0	0.609
									300	9.75	34.42		26.562	148.3	0.688
									400	8.15	34.32		26.739	131.5	0.835
									500	7.10	34.33		26.899	116.3	0.966

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						119033
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
28 19.0N	114 53.0W	2/ 5/72	1402	GMT	110M	340	10KT									
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
									0	14.07	33.68		25.174	280.2	0.000	
									10	14.07	33.68		25.174	280.2	0.028	
									20	14.07	33.68		25.174	280.2	0.056	
									30	14.05	33.68		25.178	279.8	0.084	
									50	13.99	33.69		25.198	277.9	0.140	
									75	12.36	33.67		25.509	248.3	0.206	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						120030
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
23 13.0N	114 34.0W	2/ 5/72	1137	GMT	93M	220	8KT									
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
									0	13.99	33.71		25.214	276.4	0.000	
									10	13.99	33.71		25.214	276.4	0.028	
									20	13.98	33.71		25.216	276.2	0.055	
									30	13.97	33.71		25.218	276.0	0.083	
									50	13.93	33.71		25.226	275.2	0.138	
									75	12.55	33.78		25.558	243.7	0.204	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						120035
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
23 03.0N	114 54.0W	2/ 5/72	1620	GMT	80M	140	12KT	1	140 1 5							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
									0	13.99	33.67		25.183	279.3	0.000	
									10	13.98	33.67		25.185	279.1	0.028	
									20	13.97	33.67		25.187	278.9	0.056	
									30	13.97	33.67		25.187	278.9	0.084	
									50	13.85	33.67		25.212	276.6	0.140	
									75	11.93	33.80		25.692	231.0	0.203	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						120045
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
27 43.0N	115 33.0W	2/ 5/72	2111	GMT	2227M	350	12KT	2	350 2 4							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
									0	15.17	33.63		24.900	306.2	0.000	
									10	15.17	33.63		24.900	306.2	0.031	
									20	14.92	33.60		24.932	303.3	0.061	
									30	14.90	33.60		24.936	302.8	0.092	
									50	14.46	33.53		24.977	299.0	0.152	
									75	13.20	33.44		25.167	280.9	0.225	
									100	11.42	33.60		25.631	236.7	0.290	
									125	11.11	34.00		25.998	201.8	0.346	
									150	10.36	34.03		26.154	187.0	0.395	
									200	10.00	34.30		26.426	161.2	0.484	
									250	9.71	34.39		26.545	149.9	0.564	
									300	9.37	34.45		26.648	140.1	0.639	
									400	7.97	34.41		26.836	122.2	0.777	
									500	7.14	34.40		26.948	111.6	0.901	
									600	6.33	34.43		27.082	99.0	1.015	
									700	5.72	34.44		27.167	90.8	1.118	
									800	5.22	34.45		27.236	84.4	1.215	
									1000	4.34	34.48		27.359	72.7	1.392	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						120045
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER	TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
27 43.0N	115 33.0W	2/ 5/72	2218	GMT	2227M	350	12KT	2	350 1 4							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
2	15.09	33.644				0.02	0.2	303.6	0	15.09	33.644		24.929	303.6	0.000	
12	14.96	33.640	5.81	0.25	3.	0.00	0.4	301.1	10	14.96	33.642		24.950	301.5	0.030	
32	14.90	33.640	5.83	0.24	3.	0.01	0.3	299.9	20	14.94	33.644	5.82	24.960	300.6	0.060	
57	14.34	33.566	5.75	0.32	3.	0.09	0.5	293.9	30	14.91	33.643	5.83	24.966	300.0	0.091	
71	13.71	33.495	5.20	0.46	4.	0.09	2.7	286.7	50	14.56	33.596	5.77	25.005	296.3	0.150	
86	12.30	33.497	4.76	0.88	9.	0.03	7.9	259.9	75	13.34	33.486	5.08	25.172	280.4	0.223	
101	11.43	33.629	4.14	1.19		0.07	13.9	234.7	100	11.47	33.619	4.18	25.636	236.3	0.288	
131	10.97	33.982	2.74	1.76		0.00	21.6	200.4	125	11.00	33.920	2.98	25.954	206.0	0.344	
156	10.38	34.061	2.43	2.07	28.	0.11	24.2	185.0	150	10.52	34.049	2.48	26.141	188.3	0.394	
181	10.12	34.208	1.91	2.27	31.	0.01	27.4	169.9	200	9.98	34.287	1.60	26.418	161.9	0.483	
215	9.89	34.332	1.39	2.41	38.	0.11	27.7	157.0	250	9.73	34.411	0.97	26.558	148.6	0.563	
279	9.57	34.447	0.71	2.77	44.	0.00	27.7	143.4	300	9.35	34.456	0.59	26.656	139.3	0.638	
378	8.37	34.443	0.36	2.94	55.	0.00	33.3	125.5	400	8.12	34.438	0.34	26.836	122.3	0.776	
475	7.31	34.423	0.29	3.08	66.	0.03	36.1	112.2	500	7.07	34.426	0.29	26.977	108.9	0.899	
607	6.20	34.443	0.30	3.32	81.	0.00	40.4	96.4	600	6.25	34.442	0.30	27.101	97.1	1.010	
758	5.35	34.456	0.29	3.32	94.	0.05	43.7	85.4	700	5.64	34.452	0.29	27.187	89.0	1.111	
904	4.72	34.477	0.38	3.42	106.	0.04	42.9	76.9	800	5.15	34.462	0.31	27.252	82.8	1.206	
1109	3.98	34.514	0.58	3.32		0.00	40.3	66.5	1000	4.35	34.494	0.46	27.368	71.8	1.380	

RV DAVIU STARR JORDAN

CALCOFI CRUISE 7202

120050

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 32.5N			115 52.5W			2/ 6/72		0054 GMI			3737M	350	AKT	1	350 1 6		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD		
0									0	15.62	33.66			24.824	313.5	0.000	
10									10	15.49	33.66			24.855	310.8	0.031	
20									20	15.39	33.66			24.875	308.6	0.062	
30									30	15.38	33.66			24.877	308.4	0.093	
50									50	15.38	33.66			24.877	308.4	0.155	
75									75	15.07	33.61			24.907	305.6	0.232	
100									100	12.13	33.50			25.422	256.6	0.303	
125									125	11.18	33.62			25.691	231.1	0.365	
150									150	10.32	33.85			26.021	199.7	0.419	
200									200	9.63	34.12			26.348	168.6	0.513	
250									250	9.19	34.22			26.498	154.3	0.596	
300									300	8.63	34.27			26.626	142.2	0.673	
400									400	7.63	34.32			26.816	124.2	0.812	
500									500	6.74	34.36			26.972	109.4	0.936	
600									600	5.93	34.38			27.094	97.8	1.047	
700									700	5.42	34.40			27.172	90.4	1.150	
800									800	4.88	34.43			27.259	82.1	1.245	
1000									1000	4.20	34.48			27.374	71.3	1.416	

RV DAVIU STARR JORDAN

CALCOFI CRUISE 7202

120060

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 13.0N			116 30.5W			2/ 6/72		0520 GMI			3737M	320	6KT				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD		
0									0	15.86	33.73			24.824	313.5	0.000	
10									10	15.74	33.72			24.843	311.7	0.031	
20									20	15.62	33.72			24.870	309.1	0.062	
30									30	15.60	33.72			24.875	308.7	0.093	
50									50	15.14	33.62			24.899	306.3	0.155	
75									75	12.65	33.52			25.337	264.7	0.227	
100									100	11.57	33.54			25.557	243.7	0.291	
125									125	10.78	33.72			25.840	216.9	0.349	
150									150	10.34	33.91			26.064	195.5	0.401	
200									200	9.72	34.18			26.380	165.6	0.494	
250									250	9.34	34.32			26.552	149.2	0.574	
300									300	8.65	34.33			26.670	138.0	0.649	
400									400	7.42	34.31			26.838	122.1	0.785	
500									500	6.65	34.34			26.968	109.7	0.908	
600									600	5.88	34.37			27.092	98.0	1.019	
700									700	5.24	34.41			27.202	87.6	1.120	
800									800	4.73	34.44			27.284	79.8	1.212	
1000									1000	4.05	34.49			27.398	69.0	1.379	

RV DAVIU STARR JORDAN

CALCOFI CRUISE 7202

120060

LATITUDE			LONGITUDE			MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
27 13.0N			116 30.5W			2/ 6/72		0632 GMI			3737M	320	6KT				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD		
0	15.71	33.746	5.96					309.1	0	15.71	33.746	5.96		24.870	309.1	0.000	
10	15.70	33.744	5.76					309.1	10	15.70	33.744	5.76		24.871	309.1	0.031	
30	15.56	33.745	5.74					306.0	20	15.64	33.748	5.75		24.885	307.7	0.062	
55	15.28	33.695	5.83					303.8	30	15.56	33.745	5.74		24.903	306.0	0.093	
70	13.82	33.537	5.41					285.7	50	15.34	33.707	5.81		24.921	304.2	0.154	
85	12.85	33.519	4.82					268.1	75	13.46	33.523	5.20		25.177	279.9	0.227	
99	11.97	33.536	4.64					251.1	100	11.92	33.543	4.61		25.494	249.8	0.294	
129	10.72	33.749	3.70					213.7	125	10.85	33.716	3.84		25.824	218.4	0.353	
154	10.12	33.915	3.23					191.6	150	10.18	33.889	3.31		26.074	194.6	0.406	
178	10.23	34.123	2.26					178.0	200	9.83	34.163	2.13		26.347	168.7	0.498	
212	9.56	34.161	2.06					164.4	250	9.26	34.254	1.46		26.513	152.9	0.581	
275	9.14	34.313	1.05					146.7	300	8.84	34.333	0.95		26.641	140.7	0.657	
372	7.89	34.339	0.67					126.4	400	7.57	34.341	0.59		26.840	121.9	0.794	
468	6.88	34.342	0.44					112.5	500	6.62	34.348	0.38		26.978	108.8	0.917	
601	5.93	34.373	0.27					98.4	600	5.94	34.373	0.27		27.067	98.5	1.028	
745	5.02	34.435	0.44					83.3	700	5.26	34.416	0.37		27.201	87.7	1.129	
890	4.36	34.471	0.54					73.6	800	4.74	34.451	0.48		27.291	79.1	1.221	
1098	3.75	34.517	0.80					64.1	1000	3.99	34.497	0.66		27.410	67.9	1.386	



RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				120070	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
26 53.0N	117 09.0W	2/ 6/72	1325	GMT	4116M	360	7KT								
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	15.43	33.59		24.813	314.6	0.000
									10	15.42	33.60		24.822	313.7	0.031
									20	15.33	33.60		24.842	311.8	0.063
									30	15.13	33.59		24.879	308.3	0.094
									50	14.60	33.50		24.924	304.0	0.155
									75	14.32	33.47		24.960	300.6	0.231
									100	12.80	33.39		25.208	277.0	0.304
									125	11.18	33.61		25.683	231.8	0.368
									150	10.41	33.94		26.076	194.5	0.422
									200	9.31	34.06		26.354	168.0	0.515
									250	8.89	34.21		26.538	150.5	0.597
									300	8.54	34.29		26.656	139.4	0.672
									400	7.47	34.31		26.831	122.8	0.809
									500	6.68	34.35		26.972	109.4	0.932
									600	5.88	34.36		27.084	98.7	1.043
									700	5.30	34.41		27.195	88.3	1.145
									800	4.89	34.44		27.266	81.5	1.239
									1000	4.10	34.49		27.392	69.5	1.408

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				120080	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
26 32.5N	117 49.0W	2/ 6/72	1413	GMT	3926M	030	11KT	1							
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	16.17	33.81		24.815	314.4	0.000
									10	15.90	33.77		24.846	311.5	0.031
									20	15.35	33.65		24.876	308.5	0.062
									30	14.69	33.55		24.943	302.2	0.093
									50	14.39	33.49		24.961	300.5	0.153
									75	13.87	33.47		25.054	291.6	0.228
									100	12.39	33.37		25.272	270.9	0.299
									125	10.96	33.56		25.684	231.7	0.362
									150	10.33	33.89		26.050	196.9	0.417
									200	10.37	34.30		26.362	167.2	0.509
									250	9.83	34.36		26.502	154.0	0.592
									300	8.99	34.37		26.647	140.2	0.668
									400	7.88	34.37		26.818	124.0	0.807
									500	7.16	34.41		26.953	111.1	0.932
									600	6.08	34.37		27.067	100.4	1.046
									700	5.40	34.41		27.183	89.4	1.149
									800	4.99	34.47		27.278	80.3	1.242
									1000	4.29	34.51		27.388	69.9	1.412

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				120080	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
26 32.5N	117 49.0W	2/ 6/72	1933	GMT	3926M	030	11KT	1							
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	15.54	33.702	5.84	24.874	308.7	0.000
									10	15.46	33.689	5.92	24.882	308.0	0.031
									20	14.98	33.614	6.02	24.929	303.5	0.061
									30	14.45	33.537	6.09	24.984	298.3	0.092
									50	14.33	33.573	5.90	25.036	293.4	0.151
									75	13.85	33.518	5.22	25.094	287.8	0.224
									100	12.10	33.475	4.09	25.408	257.9	0.293
									125	11.03	33.644	3.57	25.734	226.9	0.354
									150	10.41	33.851	2.70	26.005	201.2	0.408
									200	10.30	34.223	1.05	26.314	171.8	0.503
									250	9.94	34.386	0.67	26.503	153.9	0.587
									300	9.13	34.383	0.41	26.634	141.4	0.664
									400	7.98	34.403	0.25	26.829	122.9	0.803
									500	7.18	34.428	0.29	26.964	110.1	0.927
									600	6.05	34.391	0.43	27.086	98.6	1.039
									700	5.41	34.407	0.59	27.178	89.8	1.141
									800	4.99	34.445	0.60	27.258	82.3	1.236
									1000	4.28	34.513	0.56	27.392	69.6	1.407

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				123037	
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES						
27 24.0N	114 40.0W	2/ 7/72	1703	GMT	69M	330	10KT	1							
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD
									0	15.09	33.67		24.949	301.6	0.000
									10	15.05	33.67		24.957	300.8	0.030
									20	13.92	33.54		25.097	287.5	0.060
									30	13.03	33.55		25.286	269.6	0.086

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						123050		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
26 58.0N	115 30.0W	2/ 7/72	0928	GMT	3357M	350	20KT	02	SIGT	DT	DD			
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD	
							0	15.23	33.64		24.895	306.8	0.000	
							10	15.23	33.64		24.895	306.8	0.031	
							20	15.23	33.64		24.895	306.8	0.061	
							30	15.23	33.64		24.895	306.8	0.092	
							50	14.93	33.62		24.945	302.0	0.153	
							75	14.39	33.61		25.053	291.7	0.228	
							100	11.90	33.51		25.473	251.8	0.296	
							125	10.98	33.76		25.835	217.3	0.356	
							150	10.40	33.96		26.093	192.8	0.408	
							200	9.90	34.23		26.389	164.7	0.499	
							250	9.27	34.31		26.555	148.9	0.580	
							300	8.88	34.32		26.626	142.2	0.655	
							400	7.84	34.38		26.832	122.7	0.794	
							500	6.92	34.41		26.987	108.0	0.916	
							600	6.13	34.41		27.092	98.0	1.027	
							700	5.57	34.43		27.178	89.8	1.130	
							800	4.98	34.45		27.264	81.7	1.224	
							1000	4.24	34.49		27.378	70.9	1.396	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						123060		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
26 58.0N	116 09.0W	2/ 7/72	0426	GMT	3926M	340	14KT	02	SIGT	DT	DD			
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD	
							0	15.68	33.70		24.841	311.9	0.000	
							10	15.68	33.70		24.841	311.9	0.031	
							20	15.68	33.70		24.841	311.9	0.062	
							30	15.68	33.70		24.841	311.9	0.094	
							50	15.28	33.61		24.861	310.0	0.156	
							75	14.09	33.47		25.008	296.0	0.232	
							100	11.85	33.51		25.482	250.9	0.301	
							125	10.89	33.78		25.867	214.3	0.360	
							150	10.51	33.99		26.097	192.4	0.412	
							200	9.89	34.25		26.406	163.1	0.502	
							250	9.68	34.39		26.550	149.4	0.583	
							300	9.13	34.42		26.664	138.6	0.658	
							400	7.74	34.34		26.815	124.2	0.795	
							500	6.68	34.36		26.980	108.6	0.919	
							600	5.99	34.39		27.094	97.8	1.030	
							700	5.41	34.41		27.181	89.5	1.132	
							800	4.92	34.44		27.263	81.8	1.226	
							1000	4.11	34.48		27.384	70.4	1.396	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						127034		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
26 55.5N	114 06.0W	2/ 7/72	2313	GMT	45M	260	7KT	1	260	5	5			
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD	
							0	15.90	33.80		24.868	309.3	0.000	
							10	15.85	33.81		24.888	307.5	0.031	
							20	15.77	33.64		24.928	303.6	0.061	
							30	15.72	33.83		24.932	303.2	0.092	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202						127040		
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
26 43.5N	114 29.0W	2/ 8/72	0155	GMT	2980M	310	18KT	02	SIGT	DT	DD			
Z	T	S	02	P04 S103	N02 N03	DT	Z	T	S	02	SIGT	DT	DD	
							0	15.08	33.65		24.935	302.9	0.000	
							10	15.08	33.65		24.935	302.9	0.030	
							20	15.07	33.66		24.945	302.0	0.061	
							30	15.02	33.65		24.949	301.7	0.091	
							50	13.88	33.55		25.113	286.0	0.150	
							75	12.08	33.53		25.454	253.5	0.218	
							100	11.54	33.79		25.757	224.8	0.278	
							125	10.84	34.00		26.047	197.2	0.331	
							150	10.44	34.17		26.249	178.0	0.379	
							200	10.02	34.40		26.501	154.1	0.464	
							250	9.55	34.44		26.611	143.6	0.541	
							300	9.10	34.46		26.700	135.2	0.613	
							400	8.02	34.45		26.860	120.0	0.747	
							500	7.18	34.46		26.990	107.7	0.869	
							600	6.34	34.43		27.080	99.1	0.980	
							700	5.62	34.44		27.180	89.7	1.083	
							800	5.11	34.45		27.249	83.1	1.179	
							1000	4.33	34.50		27.376	71.1	1.352	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202										127050
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER		DOMINANT WAVES					
26 23.0N	115 08.0W	2/ 8/72	0725	GMT	4116M	320	24KT	02	S1GT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD	
									0	16.23	33.95		24.908	305.5	0.000	
									10	16.20	33.94		24.908	305.5	0.031	
									20	16.20	33.94		24.908	305.5	0.061	
									30	16.21	33.95		24.913	305.0	0.092	
									50	16.27	33.97		24.915	304.9	0.153	
									75	13.22	33.58		25.271	271.0	0.225	
									100	12.93	33.83		25.522	247.1	0.291	
									125	10.93	33.60		25.875	213.5	0.349	
									150	10.40	34.04		26.155	186.9	0.400	
									200	10.26	34.32		26.397	163.9	0.489	
									250	10.00	34.44		26.535	150.8	0.570	
									300	9.55	34.47		26.634	141.4	0.646	
									400	8.19	34.43		26.819	123.9	0.786	
									500	6.96	34.42		26.989	107.8	0.909	
									600	6.24	34.44		27.101	97.1	1.019	
									700	5.53	34.45		27.199	87.9	1.121	
									800	5.09	34.46		27.259	82.2	1.215	
									1000	4.33	34.49		27.368	71.8	1.388	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202										127060
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER		DOMINANT WAVES					
26 04.0N	115 47.0W	2/ 8/72	1217	GMT	3926M	060	19KT	02	S1GT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD	
									0	15.66	33.79		24.915	304.9	0.000	
									10	15.68	33.79		24.910	305.3	0.031	
									20	15.68	33.79		24.910	305.3	0.061	
									30	15.68	33.79		24.910	305.3	0.092	
									50	15.66	33.79		24.915	304.9	0.153	
									75	13.59	33.63		25.235	274.4	0.226	
									100	12.41	33.88		25.662	233.8	0.290	
									125	10.84	33.92		25.984	203.1	0.345	
									150	10.49	34.04		26.139	188.4	0.395	
									200	10.13	34.34		26.435	160.3	0.484	
									250	9.33	34.37		26.592	145.4	0.563	
									300	8.79	34.36		26.671	137.9	0.636	
									400	7.88	34.41		26.850	121.0	0.772	
									500	6.71	34.38		26.992	107.5	0.893	
									600	6.10	34.41		27.096	97.6	1.004	
									700	5.40	34.41		27.183	89.4	1.106	
									800	4.93	34.45		27.270	81.2	1.200	
									1000	4.23	34.50		27.387	70.1	1.369	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202										130028
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER		DOMINANT WAVES					
26 33.0N	113 21.0W	2/ 9/72	1052	GMT	58M	040	12KT	02	S1GT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD	
									0	16.36	34.24		25.101	287.1	0.000	
									10	16.34	34.23		25.098	287.4	0.029	
									20	16.37	34.25		25.106	286.6	0.057	
									30	16.37	34.26		25.114	285.9	0.086	
									50	15.71	34.19		25.210	276.7	0.143	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202										130028
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER		DOMINANT WAVES					
26 33.0N	113 21.0W	2/ 9/72	1123	GMT	58M	040	12KT	02	S1GT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD	
1	16.43	34.254	5.66	0.57	5.	0.33	0.9	287.7	0	16.43	34.254	5.66	25.095	287.7	0.000	
21	16.45	34.287	5.67	0.57	5.	0.25	0.9	285.7	10	16.44	34.273	5.66	25.107	286.5	0.029	
33	16.40	34.274	5.59	0.60	6.	0.30	0.9	285.5	20	16.45	34.287	5.67	25.115	285.7	0.057	
43	16.39	34.282	5.57	0.61	6.	0.33	1.1	284.7	30	16.41	34.278	5.61	25.117	285.6	0.086	
51	15.86	34.228	4.62	0.90	10.	0.39	5.5	277.1	50	15.94	34.238	4.76	25.194	278.2	0.143	

RV DAVID STARR JORDAN						CALCOFI CRUISE 7202										130030
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER		DOMINANT WAVES					
26 29.0N	113 29.0W	2/ 9/72	0921	GMT	80M	090	4KT	02	S1GT	DT	DD					
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S1GT	DT	DD	
									0	16.82	34.28		25.024	294.4	0.000	
									10	16.61	34.27		25.066	290.5	0.029	
									20	16.58	34.27		25.073	289.8	0.058	
									30	16.54	34.27		25.082	288.9	0.087	
									50	15.06	34.05		25.247	273.2	0.144	
									75	13.02	34.02		25.650	234.9	0.208	

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

130040

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	W	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD						
									0	16.26	34.06		24.986	298.1	0.000						
									10	16.21	34.09		25.020	294.8	0.030						
									20	16.14	34.09		25.036	293.3	0.059						
									30	16.13	34.09		25.039	293.1	0.089						
									50	14.90	33.90		25.167	280.9	0.146						
									75	13.14	33.87		25.511	248.2	0.213						
									100	12.23	34.16		25.913	209.9	0.270						
									125	11.67	34.31		26.136	188.8	0.321						
									150	11.22	34.43		26.312	172.0	0.367						
									200	10.64	34.51		26.478	156.2	0.451						
									250	10.08	34.52		26.584	146.2	0.529						
									300	9.46	34.51		26.680	137.0	0.603						
									400	8.24	34.45		26.827	123.1	0.739						
									500	7.13	34.44		26.981	108.5	0.863						
									600	6.31	34.44		27.092	98.0	0.974						
									700	5.66	34.45		27.183	89.4	1.077						
									800	5.14	34.47		27.261	82.0	1.172						
									1000	4.43	34.51		27.373	71.4	1.344						

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

130040

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	W	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD						
0	16.27	34.071	5.87	0.43	4.	0.04	0.2	297.5	0	16.27	34.071	5.87	24.992	297.5	0.000						
10	16.16	34.088	5.75	0.45	5.	0.07	0.4	293.9	10	16.16	34.088	5.75	25.030	293.9	0.030						
30	16.08	34.101	6.11	0.45	5.	0.18	1.4	291.2	20	16.12	34.090	6.00	25.040	292.9	0.059						
54	14.42	33.896	3.99	1.14	12.	0.09	10.5	271.4	30	16.08	34.101	6.11	25.058	291.2	0.088						
69	14.13	34.026	2.30	1.56	20.	0.01	16.8	256.0	50	14.70	33.920	4.46	25.223	275.5	0.145						
84	12.91	33.892	3.09	1.83	15.	0.00	17.0	242.2	75	13.35	33.900	2.55	25.492	250.0	0.211						
99	12.33	33.997	2.57	1.78	20.	0.00	19.6	223.7	100	12.30	34.008	2.57	25.780	222.5	0.271						
128	11.77	34.277	2.62	2.30	29.	0.00	25.8	193.0	125	11.81	34.250	2.61	26.062	195.8	0.324						
154	11.28	34.419	1.19	2.51	34.	0.01	26.1	173.9	150	11.35	34.404	1.42	26.267	176.3	0.371						
179	10.92	34.475	0.89	2.50	35.	0.00	29.0	163.5	200	10.55	34.481	0.90	26.471	156.9	0.456						
213	10.33	34.478	0.91	2.61	40.	0.00	29.5	153.4	250	9.94	34.508	0.56	26.598	144.8	0.534						
277	9.70	34.525	0.27	2.89	46.	0.00	30.5	139.7	300	9.41	34.514	0.26	26.691	136.0	0.607						
376	8.44	34.454	0.24	2.98	55.	0.00	33.1	125.7	400	8.18	34.446	0.24	26.833	122.6	0.743						
474	7.44	34.433	0.26	3.13	67.	0.00	36.0	113.2	500	7.18	34.432	0.25	26.967	109.9	0.867						
607	6.25	34.439	0.22	3.27	83.	0.00	40.3	97.3	600	6.30	34.438	0.22	27.091	98.1	0.979						
759	5.41	34.473	0.33	3.37	94.	0.00	43.2	84.6	700	5.70	34.460	0.28	27.186	89.1	1.082						
906	4.69	34.492	0.36	3.38	110.	0.00	44.8	75.4	800	5.19	34.479	0.34	27.262	81.9	1.176						
1111	4.01	34.521	0.50	3.37	123.	0.01	44.7	66.3	1000	4.33	34.506	0.41	27.380	70.7	1.348						

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

130050

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND			SPEED	WEATHER	DOMINANT WAVES		
	T	S	W	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD						
									0	17.61	34.20		24.775	318.2	0.000						
									10	17.27	34.18		24.841	311.8	0.032						
									20	17.19	34.18		24.860	310.0	0.063						
									30	17.01	34.15		24.880	308.1	0.094						
									50	16.30	34.02		24.946	301.9	0.155						
									75	13.27	33.90		25.508	248.4	0.224						
									100	12.37	34.15		25.879	213.2	0.282						
									125	11.87	34.32		26.106	191.6	0.334						
									150	11.64	34.43		26.254	179.4	0.381						
									200	10.88	34.52		26.443	159.5	0.468						
									250	10.23	34.56		26.581	146.4	0.547						
									300	9.54	34.50		26.659	139.0	0.621						
									400	8.27	34.47		26.838	122.1	0.758						
									500	7.14	34.44		26.980	108.6	0.881						
									600	6.09	34.42		27.105	96.8	0.992						
									700	5.52	34.44		27.192	88.5	1.093						
									800	4.96	34.44		27.258	82.2	1.187						
									1000	4.31	34.51		27.386	70.1	1.358						

RV DAVIU STARR JORDAN      CALCOFI CRUISE 7202      130060

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
			1658	GMT						340	4	5			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	17.27	34.21		24.864	309.7	0.000
									10	17.27	34.21		24.864	309.7	0.031
									20	17.26	34.21		24.867	309.4	0.062
									30	17.26	34.21		24.867	309.4	0.093
									50	17.26	34.21		24.867	309.4	0.155
									75	13.10	13.70		25.387	259.9	0.227
									100	12.23	33.86		25.681	232.0	0.289
									125	11.12	34.07		26.051	196.8	0.343
									150	10.37	34.12		26.222	180.5	0.391
									200	9.81	34.29		26.450	158.9	0.478
									250	9.78	34.43		26.565	148.0	0.557
									300	9.42	34.50		26.679	137.2	0.631
									400	8.32	34.48		26.838	122.1	0.767
									500	7.11	34.44		26.984	108.2	0.890
									600	6.37	34.44		27.084	98.7	1.002
									700	5.73	34.45		27.174	90.2	1.105
									800	5.15	34.47		27.260	82.1	1.200
									1000	4.28	34.51		27.389	69.8	1.371

RV DAVIU STARR JORDAN      CALCOFI CRUISE 7202      130060

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
			1758	GMT						340	4	5			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	17.27	34.211	5.49	24.865	309.6	0.000
									10	17.26	34.210	5.57	24.867	309.4	0.031
									20	17.25	34.210	5.55	24.868	309.3	0.062
									30	17.24	34.208	5.51	24.870	309.1	0.093
									50	17.22	34.208	5.60	24.873	308.8	0.155
									75	13.49	33.623	4.56	25.248	273.2	0.228
									100	12.23	33.926	2.99	25.732	227.1	0.291
									125	11.37	34.075	2.46	26.008	200.8	0.345
									150	10.55	34.131	2.37	26.198	182.8	0.394
									200	9.90	34.268	1.79	26.416	162.1	0.482
									250	9.63	34.361	1.09	26.550	149.4	0.562
									300	9.35	34.457	0.62	26.657	139.3	0.637
									400	8.27	34.456	0.35	26.827	123.1	0.775
									500	7.14	34.480	0.23	26.980	108.6	0.899
									600	6.34	34.451	0.17	27.096	97.6	1.010
									700	5.69	34.463	0.25	27.189	88.8	1.112
									800	5.11	34.474	0.34	27.268	81.3	1.206
									1000	4.18	34.508	0.49	27.397	69.0	1.375

RV DAVIU STARR JORDAN      CALCOFI CRUISE 7202      133030

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
			1846	GMT						170	2	3			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	17.92	34.23		24.722	323.1	0.000
									10	17.86	34.23		24.737	321.7	0.032
									20	17.72	34.20		24.748	320.7	0.064
									30	17.25	34.06		24.754	320.1	0.097
									50	15.43	33.65		24.859	310.2	0.160
									75	13.50	33.94		25.492	249.9	0.230
									100	12.42	34.20		25.908	210.4	0.288
									125	11.76	34.29		26.103	191.8	0.339
									150	11.66	34.44		26.238	179.0	0.387

RV DAVIU STARR JORDAN      CALCOFI CRUISE 7202      133040

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
			0040	GMT						360	1	6			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	DT	DD
									0	19.29	34.49		24.577	336.9	0.000
									10	19.15	34.49		24.613	335.5	0.034
									20	19.14	34.50		24.624	332.6	0.067
									30	19.12	34.50		24.629	332.1	0.100
									50	18.70	34.38		24.644	330.7	0.167
									75	16.77	34.16		24.944	302.0	0.246
									100	13.98	34.21		25.001	239.6	0.315
									125	12.85	34.44		26.009	200.8	0.370
									150	12.22	34.53		26.201	182.5	0.419
									200	11.41	34.66		26.455	158.4	0.507
									250	11.03	34.67		26.533	151.0	0.587
									300	10.52	34.63		26.628	142.0	0.663
									400	9.03	34.55		26.782	127.4	0.805
									500	7.47	34.45		26.941	112.3	0.933
									600	6.57	34.45		27.066	100.5	1.048
									700	5.81	34.46		27.172	90.4	1.152
									800	5.23	34.47		27.250	83.0	1.248
									1000	4.38	34.51		27.378	70.8	1.422



RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				133050		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES					
25 14.0N	114 24.0W	2/10/72		0530 GMT		3737M		300	6KT		SIGT	DT	DD			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	18.40	34.39		24.726	322.8	0.000	
									10	18.39	34.39		24.729	322.5	0.032	
									20	18.36	34.39		24.736	321.8	0.065	
									30	17.78	34.25		24.772	318.4	0.097	
									50	16.18	34.02		24.974	299.3	0.159	
									75	12.46	33.78		25.575	242.0	0.227	
									100	11.60	33.99		25.901	211.1	0.284	
									125	11.77	34.32		26.125	189.8	0.335	
									150	11.18	34.38		26.280	175.0	0.381	
									200	10.65	34.50		26.433	160.5	0.467	
									250	10.18	34.49		26.543	150.0	0.547	
									300	9.41	34.47		26.657	139.2	0.622	
									400	8.34	34.46		26.819	123.8	0.761	
									500	7.26	34.44		26.963	110.2	0.885	
									600	6.32	34.45		27.099	97.4	0.997	
									700	5.61	34.45		27.189	88.8	1.099	
									800	5.11	34.49		27.280	80.1	1.193	
									1000	4.25	34.51		27.392	69.5	1.361	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				133060		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES					
24 53.5N	115 02.0W	2/10/72		1238 GMT		3926M		360	2KT		SIGT	DT	DD			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	17.19	34.13		24.822	313.7	0.000	
									10	17.20	34.13		24.820	313.9	0.031	
									20	17.19	34.13		24.822	313.7	0.063	
									30	17.09	34.11		24.831	312.9	0.094	
									50	16.82	34.06		24.856	310.4	0.157	
									75	16.41	33.98		24.890	307.2	0.234	
									100	12.49	33.90		25.662	233.8	0.303	
									125	11.93	34.21		26.009	200.8	0.358	
									150	11.72	34.34		26.150	187.4	0.407	
									200	11.11	34.56		26.433	160.5	0.496	
									250	10.64	34.57		26.525	151.8	0.577	
									300	9.99	34.59		26.654	139.6	0.653	
									400	8.68	34.51		26.806	125.1	0.792	
									500	7.42	34.47		26.964	110.2	0.918	
									600	6.36	34.46		27.101	97.1	1.030	
									700	5.68	34.46		27.188	88.9	1.131	
									800	5.10	34.49		27.281	80.0	1.225	
									1000	4.30	34.52		27.395	69.3	1.393	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				137023		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES					
25 34.0N	112 19.0W	2/11/72		1235 GMT		75M		030	3KT		SIGT	DT	DD			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	18.25	34.47		24.824	313.4	0.000	
									10	18.24	34.47		24.827	313.2	0.031	
									20	18.15	34.47		24.849	311.1	0.063	
									30	17.97	34.45		24.878	308.3	0.094	
									50	15.63	34.24		25.267	271.3	0.152	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				137023		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES					
25 34.0N	112 19.0W	2/11/72		1251 GMT		75M		020	3KT		00					
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	18.23	34.462	5.61	24.823	313.5	0.000	
									10	18.20	34.462	5.57	24.830	312.9	0.031	
									20	18.13	34.456	5.52	24.843	311.6	0.063	
									30	18.02	34.447	5.23	24.863	309.8	0.094	
									50	15.63	34.189	3.23	25.227	275.1	0.152	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202				137030		
LATITUDE	LONGITUDE	MO/DAY/YR		MESSENGER TIME		BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES					
25 20.0N	112 45.5W	2/11/72		0856 GMT		457M		020	3KT		SIGT	DT	DD			
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SIGT	DT	DD	
									0	17.96	34.30		24.766	319.0	0.000	
									10	17.98	34.32		24.776	318.0	0.032	
									20	18.02	34.34		24.782	317.5	0.064	
									30	18.03	34.36		24.795	316.3	0.095	
									50	17.02	34.27		24.969	299.6	0.157	
									75	15.01	34.04		25.250	272.9	0.229	
									100	12.98	34.23		25.824	218.3	0.291	
									125	12.31	34.44		26.114	190.7	0.343	
									150	11.94	34.53		26.255	177.4	0.390	
									200	11.15	34.59		26.449	159.0	0.476	
									250	10.71	34.59		26.528	151.5	0.556	
									300	10.33	34.57		26.579	146.6	0.634	
									400	10.23	34.59		26.612	143.5	0.787	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202							137040
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
25 00.0N		113 22.5W		2/11/72		0316		GMT	3265M	T	S	02	SIGT	DT	DD		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	18.40	34.31		24.665	328.6	0.000		
									10	18.08	34.27		24.714	324.0	0.033		
									20	17.69	34.27		24.809	314.9	0.065		
									30	17.79	34.32		24.823	313.6	0.096		
									50	16.72	34.18		24.971	299.5	0.158		
									75	14.21	34.06		25.437	255.1	0.227		
									100	13.03	34.12		25.726	227.7	0.288		
									125	12.36	34.46		26.120	190.2	0.341		
									150	12.25	34.60		26.250	177.9	0.388		
									200	11.74	34.64		26.378	165.7	0.476		
									250	11.29	34.69		26.501	154.1	0.559		
									300	10.46	34.64		26.611	143.6	0.637		
									400	9.02	34.55		26.783	127.3	0.779		
									500	7.88	34.49		26.912	115.0	0.909		
									600	6.75	34.47		27.057	101.3	1.026		
									700	6.00	34.49		27.172	90.4	1.131		
									800	5.31	34.47		27.241	83.9	1.228		
									1000	4.48	34.51		27.368	71.9	1.403		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202							137040
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
25 00.0N		113 22.5W		2/11/72		0420		GMT	3263M	T	S	02	SIGT	DT	DD		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
	0	18.27	34.295	5.63	0.36	0.05	0.2	326.6	0	18.27	34.295	5.63	24.686	326.6	0.000		
	10	18.11	34.273	5.62	0.37	0.05	0.2	324.5	10	18.11	34.273	5.62	24.709	324.5	0.033		
	20	17.68	34.224	5.71	0.44	0.08	0.5	318.0	20	17.93	34.250	5.67	24.735	322.0	0.065		
	30	16.20	34.127	4.14	1.00	0.19	8.0	291.9	30	17.64	34.222	5.67	24.783	317.4	0.097		
	40	14.78	34.066	3.11	1.52	0.08	15.1	266.3	40	16.51	34.145	4.46	24.992	297.4	0.159		
	50	13.78	34.110	2.66	1.72	0.07	18.0	242.9	50	14.30	34.080	2.88	25.432	255.6	0.228		
	60	13.30	34.157	2.25	1.92	0.06	20.4	230.2	60	13.22	34.170	2.18	25.724	227.8	0.289		
	70	12.40	34.386	1.22	2.35	0.05	25.7	196.4	70	12.47	34.359	1.32	26.021	199.6	0.343		
	80	12.39	34.590	0.83	2.62	0.11	26.6	181.2	80	12.39	34.579	0.85	26.205	182.1	0.392		
	90	12.13	34.621	0.49	2.62	0.04	27.6	174.1	90	11.82	34.655	0.36	26.374	166.1	0.481		
	100	11.65	34.668	0.32	2.77	0.04	28.3	162.0	100	11.14	34.667	0.21	26.509	153.2	0.564		
	110	10.81	34.647	0.18	2.79	0.04	27.7	149.0	110	10.38	34.621	0.19	26.610	143.7	0.641		
	120	9.13	34.546	0.22	3.02	0.04	30.7	129.3	120	8.83	34.538	0.21	26.804	125.3	0.783		
	130	8.10	34.523	0.17	3.13	0.06	33.6	115.7	130	7.78	34.512	0.17	26.944	112.0	0.910		
	140	6.67	34.476	0.19	3.23	0.05	38.4	99.8	140	6.71	34.478	0.19	27.068	100.3	1.025		
	150	5.59	34.473	0.23	3.36	0.04	42.5	86.9	150	5.94	34.471	0.21	27.164	91.2	1.129		
	160	4.77	34.490	0.30	3.38	0.05	44.6	76.4	160	5.32	34.477	0.25	27.245	83.5	1.226		
	170	4.03	34.530	0.51	3.42	0.05	45.2	65.8	170	4.36	34.508	0.38	27.379	70.8	1.400		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202							137050
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
24 39.5N		114 02.0W		2/10/72		2234		GMT	2980M	T	S	2	SIGT	DT	DD		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	19.82	34.38		24.357	358.0	0.000		
									10	19.69	34.38		24.391	354.8	0.036		
									20	19.50	34.41		24.463	347.9	0.071		
									30	19.16	34.44		24.573	337.4	0.105		
									40	17.70	34.18		24.738	321.7	0.171		
									50	14.05	33.74		25.224	275.4	0.246		
									60	12.18	33.86		25.691	231.0	0.310		
									70	11.91	34.30		26.083	193.8	0.364		
									80	11.75	34.50		26.268	176.2	0.411		
									90	11.14	34.58		26.443	159.6	0.497		
									100	10.47	34.57		26.555	148.9	0.577		
									110	9.73	34.53		26.651	139.8	0.652		
									120	8.60	34.54		26.842	121.7	0.790		
									130	7.62	34.51		26.966	109.9	0.914		
									140	6.62	34.47		27.075	99.6	1.027		
									150	5.77	34.46		27.177	89.9	1.131		
									160	5.22	34.48		27.259	82.1	1.226		
									170	4.40	34.52		27.384	70.3	1.398		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						137060
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 20.0N		114 39.0W		2/10/72		1717 GMI			3737M	290	1KT	1	00			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	18.75	34.36		24.616	333.3	0.000	
									10	18.73	34.36		24.621	332.8	0.033	
									20	18.73	34.36		24.621	332.8	0.067	
									30	18.75	34.38		24.631	331.9	0.100	
									50	17.90	34.18		24.689	326.3	0.166	
									75	13.95	33.72		25.230	274.9	0.242	
									100	12.68	33.94		25.656	234.4	0.306	
									125	12.05	34.22		25.994	202.2	0.361	
									150	11.85	34.45		26.210	181.7	0.410	
									200	11.09	34.53		26.413	162.4	0.498	
									250	10.48	34.54		26.530	151.3	0.579	
									300	9.82	34.54		26.644	140.5	0.655	
									400	8.44	34.49		26.828	123.1	0.794	
									500	7.35	34.48		26.982	108.5	0.917	
									600	6.41	34.46		27.095	97.7	1.029	
									700	5.73	34.46		27.182	89.5	1.131	
									800	5.16	34.48		27.267	81.4	1.226	
									1000	4.25	34.51		27.392	69.5	1.396	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						137060
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 20.0N		114 39.0W		2/10/72		1803 GMI			3737M	290	1KT	1	00			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	18.75	34.355	5.38	24.612	333.7	0.000	
									10	18.71	34.360	5.43	24.626	332.3	0.033	
									20	18.72	34.365	5.41	24.628	332.1	0.067	
									30	18.72	34.369	5.39	24.630	331.9	0.100	
									50	18.00	34.233	5.27	24.704	324.9	0.166	
									75	14.96	33.809	4.52	25.083	288.8	0.243	
									100	12.53	33.794	3.60	25.572	242.3	0.310	
									125	12.05	34.157	2.14	25.945	206.8	0.366	
									150	11.77	34.399	1.12	26.186	183.9	0.416	
									200	11.03	34.504	0.75	26.404	163.3	0.505	
									250	10.49	34.553	0.41	26.539	150.5	0.586	
									300	9.84	34.548	0.31	26.646	140.3	0.662	
									400	8.48	34.505	0.23	26.833	122.5	0.800	
									500	7.29	34.474	0.21	26.985	108.2	0.923	
									600	6.37	34.463	0.23	27.102	97.1	1.034	
									700	5.64	34.470	0.25	27.201	87.7	1.135	
									800	5.04	34.486	0.29	27.285	79.7	1.228	
									1000	4.18	34.519	0.47	27.407	68.2	1.394	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						140030
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 45.5N		112 24.0W		2/11/72		1953 GMI			106M		0KT	1	00			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	19.58	34.54		24.541	340.4	0.000	
									10	19.45	34.54		24.574	337.2	0.034	
									20	19.39	34.52		24.575	337.2	0.068	
									30	18.59	34.32		24.625	332.4	0.101	
									50	15.94	34.11		25.097	287.5	0.163	
									75	13.60	34.15		25.633	236.5	0.229	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						140030
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES			
24 45.5N		112 24.0W		2/11/72		2021 GMI			106M		0KT	1	00			
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S10T	DT	DD	
									0	19.65	34.522	5.49	24.509	343.5	0.000	
									10	19.43	34.520	5.48	24.564	338.2	0.034	
									20	19.38	34.517	5.47	24.576	337.1	0.068	
									30	18.77	34.438	5.35	24.670	328.1	0.101	
									50	17.21	34.246	4.59	24.904	305.8	0.165	
									75	14.27		2.81				

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						140035
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
24 35.5N	112 42.5W	2/11/72	NO2	NO3	558M	040	2KT	1	49	1						
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
0	19.66	34.53											24.512	343.1	0.000	
10	19.41	34.50											24.554	339.2	0.034	
20	19.34	34.51											24.580	336.7	0.068	
30	19.18	34.46											24.583	336.4	0.102	
50	17.24	34.08											24.772	318.4	0.167	
75	13.88	34.05											25.498	249.3	0.239	
100	12.95	34.37											25.935	207.8	0.297	
125	12.38	34.40											26.070	195.0	0.348	
150	11.82	34.51											26.262	176.7	0.395	
200	11.01	34.58											26.466	157.3	0.481	
250	10.55	34.58											26.549	149.5	0.560	
300	9.73	34.54											26.659	139.1	0.635	
400	8.43	34.52											26.853	120.7	0.772	
500	7.31	34.50											27.003	106.4	0.893	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						140040
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
24 26.0N	113 01.5W	2/12/72	NO2	NO3	3451M	060	3KT	1	00							
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
0	18.83	34.51											24.710	324.3	0.000	
10	18.72	34.49											24.722	323.1	0.032	
20	18.66	34.49											24.737	321.7	0.065	
30	18.48	34.45											24.752	320.3	0.097	
50	16.53	34.19											25.023	294.5	0.159	
75	13.82	34.12											25.565	243.0	0.226	
100	13.27	34.41											25.901	211.0	0.284	
125	12.53	34.57											26.172	185.3	0.334	
150	12.04	34.63											26.313	171.8	0.379	
200	11.42	34.63											26.430	160.8	0.465	
250	10.70	34.62											26.553	149.1	0.545	
300	10.04	34.60											26.653	139.6	0.620	
400	8.57	34.51											26.823	123.5	0.758	
500	7.44	34.47											26.961	110.4	0.883	
600	6.45	34.48											27.105	96.7	0.995	
700	5.77	34.47											27.185	89.2	1.097	
800	5.12	34.49											27.279	80.3	1.191	
1000	4.40	34.52											27.384	70.3	1.361	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						140040
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
24 26.0N	113 01.5W	2/12/72	NO2	NO3	3451M	090	3KT	1								
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
2	18.88	34.491	5.55	0.40	2.	0.02	0.0	326.9	0	18.88	34.491	5.55	24.683	326.9	0.000	
12	18.69	34.474	5.59	0.44	3.	0.02	0.0	323.6	10	18.72	34.477	5.59	24.712	324.2	0.033	
32	18.51	34.460	5.49	0.36	2.	0.04	0.0	320.3	20	18.62	34.469	5.55	24.731	322.3	0.065	
56	16.09	34.212	3.37	1.26	12.	0.08	10.4	283.3	30	18.53	34.462	5.50	24.749	320.6	0.097	
71	13.87	34.043	2.87	1.58	15.	0.06	18.4	249.6	50	16.87	34.286	3.93	25.016	295.2	0.159	
85	13.67	34.305	1.73	2.12	21.	0.07	20.7	226.5	75	13.81	34.132	2.54	25.575	242.0	0.227	
100	13.35	34.393	1.30	2.28	24.	0.05	24.0	213.8	100	13.35	34.393	1.30	25.872	213.8	0.284	
122	12.60	34.519	0.85	2.55	30.	0.03	26.1	190.3	125	12.71	34.506	0.89	26.088	193.2	0.336	
154	12.02	34.552	0.65	2.57	33.	0.10	26.4	177.2	150	12.10	34.549	0.67	26.239	178.9	0.383	
179	11.82	34.611	0.52	2.66	35.	0.07	27.0	169.3	200	11.58	34.626	0.42	26.397	163.9	0.471	
213	11.41	34.625	0.37	2.74	37.	0.05	28.0	161.0	250	10.90	34.621	0.29	26.518	152.4	0.553	
276	10.52	34.608	0.27	2.82	42.	0.01	27.2	146.9	300	10.18	34.591	0.25	26.621	142.7	0.630	
372	9.17	34.529	0.21	2.96	51.	0.02	30.5	111.1	400	8.80	34.514	0.20	26.790	126.6	0.771	
468	7.92	34.486	0.19	3.18	63.	0.03	33.8	115.9	500	7.50	34.479	0.19	26.959	110.6	0.898	
596	6.38	34.472	0.21	3.30	82.	0.05	38.6	96.5	600	6.34	34.473	0.21	27.113	96.0	1.010	
744	5.34	34.478	0.24	3.38	93.	0.07	42.0	83.6	700	5.59	34.476	0.23	27.211	86.7	1.110	
887	4.68	34.502	0.33	3.24	108.	0.04	44.8	74.6	800	5.05	34.487	0.27	27.285	79.7	1.202	
1088	4.04	34.534	0.52	3.42	125.	0.06	44.7	65.6	1000	4.28	34.521	0.43	27.398	69.0	1.370	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						140050
LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME		BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES							
24 05.0N	113 40.0W	2/12/72	NO2	NO3	3169M	020	4KT									
Z	T	S	02	P04	S103	NO2	NO3	DT	Z	T	S	02	SIGT	DT	DD	
0	20.36	34.48											24.291	364.3	0.000	
10	20.36	34.48											24.291	364.3	0.036	
20	20.37	34.48											24.288	364.5	0.073	
30	19.85	34.41											24.372	356.6	0.109	
50	19.19	34.34											24.489	345.4	0.180	
75	15.05	33.72											24.996	297.2	0.260	
100	12.96	34.00											25.647	235.2	0.327	
125	12.53	34.31											25.971	204.4	0.383	
150	12.00	34.53											26.244	178.5	0.432	
200	11.47	34.65											26.436	160.2	0.519	
250	10.84	34.64											26.544	150.0	0.599	
300	10.40	34.53											26.614	143.3	0.675	
400	8.91	34.55											26.801	125.6	0.817	
500	7.57	34.46											26.934	113.0	0.944	
600	6.64	34.44											27.048	102.1	1.060	
700	5.93	34.46											27.157	91.9	1.167	
800	5.29	34.47											27.243	83.6	1.264	
1000	4.38	34.50											27.371	71.6	1.439	

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

140060

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD	
										0	20.10	34.48		24.359	357.7	0.000
										10	20.09	34.48		24.362	357.5	0.036
										20	20.08	34.48		24.365	357.2	0.072
										30	19.99	34.47		24.381	355.7	0.107
										50	18.98	34.32		24.527	341.7	0.177
										75	17.45	34.09		24.729	322.5	0.261
										100	13.93	33.82		25.311	267.2	0.335
										125	13.71	34.29		25.719	228.4	0.398
										150	13.76	34.70		26.024	199.3	0.452
										200	12.30	34.80		26.395	164.1	0.545
										250	10.94	34.73		26.596	145.1	0.625
										300	9.88	34.65		26.719	133.3	0.698
										400	8.24	34.55		26.905	115.7	0.830
										500	7.12	34.48		27.014	105.4	0.948
										600	6.45	34.48		27.105	96.7	1.057
										700	5.81	34.51		27.211	86.7	1.158
										800	5.29	34.51		27.275	80.7	1.251
										1000	4.50	34.54		27.389	69.8	1.421

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

140060

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD	
1	20.08	34.440	5.43	0.34	2.	0.00	0.2	360.1	0	20.08	34.440	5.43	24.334	360.1	0.000	
11	20.08	34.439	5.40	0.33	2.	0.00	0.2	360.2	10	20.08	34.440	5.40	24.333	360.2	0.036	
32	20.00	34.434	5.48	0.33	2.	0.00	0.1	358.6	20	20.05	34.437	5.43	24.341	359.5	0.072	
56	18.93	34.376	5.51	0.37	2.	0.01	0.2	336.5	30	20.01	34.435	5.47	24.349	358.7	0.108	
71	18.43	34.289	5.49	0.39	2.	0.03	0.2	330.8	50	19.23	34.398	5.50	24.522	342.2	0.178	
86	15.38	33.746	5.26	0.57	4.	0.22	2.4	302.1	75	17.66	34.127	5.43	24.706	324.7	0.262	
101	13.96	33.856	3.77	1.23	11.	0.03	11.6	265.1	100	14.01	33.839	3.89	25.307	267.5	0.337	
130	13.98	34.438	1.45	2.03	23.	0.01	23.0	222.8	125	13.98	34.370	1.76	25.725	227.8	0.400	
158	13.86	34.617	0.87	2.52	28.	0.06	24.1	207.7	150	13.91	34.575	0.93	25.896	211.5	0.456	
177	13.05	34.648	0.69	2.63	31.	0.00	25.5	189.3	200	12.41	34.714	0.39	26.307	172.4	0.554	
213	12.12	34.742	0.24	2.81	37.	0.00	27.6	165.1	250	11.18	34.691	0.18	26.521	152.1	0.638	
276	10.58	34.626	0.14	2.90	43.	0.84	25.8	146.6	300	10.16	34.609	0.14	26.639	141.0	0.714	
372	9.08	34.569	0.15	3.05	52.	0.00	30.1	126.8	400	8.61	34.539	0.17	26.839	122.0	0.853	
469	7.56	34.475	0.23	3.12	64.	0.02	35.4	111.7	500	7.24	34.467	0.25	26.987	108.0	0.975	
598	6.49	34.468	0.27	3.29	77.	0.02	38.9	98.1	600	6.48	34.469	0.27	27.092	97.9	1.087	
747	5.57	34.488	0.26	3.38	91.	0.01	41.9	85.5	700	5.84	34.482	0.26	27.185	89.1	1.189	
892	4.77	34.491	0.37	3.34	103.	0.02	43.9	76.4	800	5.26	34.489	0.29	27.262	81.9	1.284	
1098	4.03	34.526	0.58	3.35	120.	0.02	45.1	66.1	1000	4.32	34.506	0.47	27.381	70.6	1.456	

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

143026

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD	
										0	19.36	34.58		24.628	332.1	0.000
										10	19.36	34.58		24.628	332.1	0.033
										20	19.36	34.58		24.628	332.1	0.066
										30	19.33	34.58		24.636	331.4	0.100
										50	18.55	34.54		24.803	315.5	0.165

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

143026

Z	LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD	
0	19.33	34.588	5.34	0.45	4.	0.05	0.2	330.8	0	19.33	34.588	5.34	24.642	330.8	0.000	
11	19.34	34.587	5.38	0.50	4.	0.06	0.8	331.1	10	19.34	34.588	5.38	24.639	331.1	0.033	
21	19.34	34.588	5.38	0.50	4.	0.08	0.1	331.0	20	19.34	34.589	5.38	24.639	331.1	0.066	
31	19.34	34.589	5.29	0.55	4.	0.11	0.2	331.0	30	19.34	34.590	5.30	24.640	331.0	0.099	
51	18.45	34.563	3.78	1.14	9.	0.54	7.4	311.4	50	18.52	34.566	3.90	24.829	313.0	0.164	

A) THE NUTRIENT SAMPLES AT 469 AND 598 METERS APPEAR TO HAVE BEEN REVERSED. THEY ARE ASSUMED TO NOW BE IN THE CORRECT ORDER.



RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						143030
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
24 11.5N	112 05.0W	2/13/72			1216 GMT			214M	360	10KT						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	
									0	19.03	34.42		24.591	335.7	0.000	
									10	19.03	34.43		24.598	335.0	0.034	
									20	18.46	34.29		24.635	331.5	0.067	
									30	17.40	34.17		24.803	315.5	0.099	
									50	16.54	34.13		24.975	299.1	0.161	
									75	14.21	34.07		25.445	254.4	0.231	
									100	13.21	34.24		25.782	222.3	0.291	
									125	12.82	34.43		26.007	201.0	0.345	
									150	12.17	34.54		26.219	180.8	0.393	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						143030
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
24 11.5N	112 03.0W	2/13/72			1249 GMT			214M	360	10KT						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	
									0	19.03	34.444	5.55	24.609	334.0	0.000	
									10	19.01	34.443	5.60	24.612	333.7	0.033	
									20	18.65	34.377	5.59	24.654	329.7	0.067	
									30	17.99	34.260	5.55	24.728	322.6	0.099	
									50	16.61	34.132	4.48	24.960	300.5	0.162	
									75	14.62	34.111	2.88	25.389	259.7	0.232	
									100	13.24	34.246	1.63	25.781	222.4	0.293	
									125	12.72	34.522	0.64	26.097	192.4	0.346	
									150	12.23	34.598	0.49	26.244	178.4	0.393	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						143035
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
24 02.0N	112 20.5W	2/13/72			0855 GMT			1485M	340	8KT						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	
									0	19.63	34.57		24.551	339.5	0.000	
									10	19.48	34.55		24.574	337.2	0.034	
									20	19.06	34.50		24.644	330.6	0.067	
									30	18.65	34.42		24.687	326.6	0.100	
									50	17.80	34.41		24.889	307.3	0.164	
									75	15.41	34.14		25.239	274.0	0.237	
									100	14.21	34.47		25.753	225.1	0.300	
									125	13.42	34.62		26.033	198.5	0.354	
									150	12.47	34.62		26.223	180.5	0.402	
									200	11.60	34.61		26.381	165.4	0.491	
									250	10.75	34.65		26.568	147.7	0.572	
									300	10.11	34.62		26.656	139.3	0.646	
									400	8.77	34.56		26.831	122.8	0.785	
									500	7.44	34.52		27.000	106.7	0.907	
									600	6.64	34.52		27.111	96.2	1.017	
									700	5.94	34.52		27.203	87.5	1.118	
									800	5.35	34.52		27.276	80.6	1.212	
									1000	4.46	34.54		27.394	69.4	1.382	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						143040
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 50.0N	112 41.0W	2/13/72			0530 GMT			3357M	340	7KT						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	
									0	21.17	34.73		24.262	367.0	0.000	
									10	20.81	34.71		24.345	359.1	0.036	
									20	20.72	34.70		24.361	357.5	0.072	
									30	20.68	34.69		24.365	357.2	0.108	
									50	19.54	34.50		24.521	342.3	0.178	
									75	15.18	34.12		25.274	270.6	0.255	
									100	13.12	34.22		25.785	222.1	0.318	
									125	12.66	34.51		26.100	192.1	0.370	
									150	11.90	34.56		26.286	174.5	0.417	
									200	11.30	34.66		26.476	156.5	0.502	
									250	10.80	34.68		26.582	146.4	0.580	
									300	10.10	34.64		26.674	137.7	0.654	
									400	8.98	34.60		26.829	123.0	0.791	
									500	7.78	34.54		26.966	109.9	0.916	
									600	6.75	34.51		27.089	98.3	1.029	
									700	5.96	34.50		27.185	89.2	1.132	
									800	5.35	34.49		27.254	82.6	1.228	
									1000	4.49	34.55		27.398	69.0	1.399	

A) MEAN VALUE OF 17.16 AND 17.27 DEGREES

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202					143040	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 50.0N	112 41.0W	2/15/72			0612 GMT			3357M	340	7KT		02	SIgT	DT	DD	
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIgT	DT	DD	
0	21.22	34.675	5.29	0.48	2.	0.00	0.0	372.2	0	21.22	34.675	5.29	24.207	372.2	0.000	
10	21.20	34.670	5.27	0.45	2.	0.02	0.0	372.1	10	21.20	34.670	5.27	24.209	372.1	0.037	
30	20.62	34.652	5.35	0.47	3.	0.00	0.0	358.4	20	20.70	34.660	5.32	24.336	359.9	0.074	
55	18.85	34.442	4.93	0.65	3.	0.32	2.2	329.6	30	20.62	34.652	5.35	24.352	358.4	0.110	
70	14.84	34.035	3.26					269.8	50	19.20	34.482	5.01	24.593	335.5	0.180	
85	13.53	34.150	2.39					235.1	75	14.22	34.049	2.91	25.427	256.1	0.254	
99	12.91	34.277	1.83	2.16	23.	0.01	22.8	213.9	100	12.87	34.285	1.80	25.884	212.7	0.313	
129	12.13	34.449	1.03	2.53	30.	0.00	26.7	186.8	125	12.19	34.433	1.11	26.131	189.2	0.364	
154	11.95	34.533	0.69	2.64	32.	0.03	27.4	177.3	150	11.97	34.523	0.73	26.244	178.5	0.411	
179	11.65	34.592	0.51	2.72	35.	0.00	28.2	167.6	200	11.27	34.613	0.40	26.444	159.5	0.498	
213	11.03	34.617	0.35	2.84	38.	0.00	28.1	154.9	250	10.56	34.620	0.25	26.577	146.8	0.577	
278	10.27	34.611	0.21	2.97	43.	0.00	28.2	142.6	300	10.03	34.607	0.18	26.659	139.0	0.651	
374	9.21	34.578	0.14	3.06	51.	0.00	29.9	128.1	400	8.89	34.562	0.15	26.813	124.5	0.790	
471	8.03	34.519	0.16	3.15	60.	0.00	34.0	115.0	500	7.72	34.510	0.16	26.951	111.3	0.916	
603	6.73	34.493	0.18	3.31	76.	0.01	36.2	99.3	600	6.76	34.494	0.18	27.075	99.7	1.030	
754	5.50	34.483	0.24	3.44	93.	0.00	42.2	85.1	700	5.89	34.484	0.22	27.180	89.7	1.134	
900	4.82	34.507	0.30	3.45	103.	0.01	45.5	75.7	800	5.25	34.490	0.25	27.263	81.8	1.229	
1107	4.11	34.539	0.51	3.50	120.	0.00	44.7	65.9	1000	4.44	34.524	0.38	27.383	70.5	1.401	

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202					143050	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 30.5N	113 18.0W	2/12/72			2349 GMT			2885M	360	6KT	2	02	SIgT	DT	DD	
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIgT	DT	DD	
0	20.40	34.61							0	20.40	34.61		24.379	355.9	0.000	
10	20.26	34.67							10	20.26	34.67		24.461	348.0	0.035	
20	20.24	34.67							20	20.24	34.67		24.467	347.5	0.070	
30	20.11	34.64							30	20.11	34.64		24.478	346.4	0.105	
50	19.68	34.56							50	19.68	34.56		24.530	341.5	0.174	
75	16.45	34.08							75	16.45	34.08		24.957	300.8	0.255	
100	13.56	34.04							100	13.56	34.04		25.357	243.8	0.323	
125	12.40	34.39							125	12.40	34.39		26.058	196.1	0.379	
150	12.17	34.63							150	12.17	34.63		26.289	174.2	0.426	
200	11.50	34.72							200	11.50	34.72		26.485	155.5	0.511	
250	10.86	34.69							250	10.86	34.69		26.579	146.6	0.589	
300	10.28	34.67							300	10.28	34.67		26.666	138.4	0.663	
400	8.81	34.60							400	8.81	34.60		26.856	120.4	0.800	
500	7.59	34.50							500	7.59	34.50		26.963	110.3	0.923	
600	6.76	34.52							600	6.76	34.52		27.095	97.7	1.036	
700	6.02	34.51							700	6.02	34.51		27.185	89.2	1.139	
800	5.43	34.51							800	5.43	34.51		27.258	82.2	1.234	
1000	4.53	34.53							1000	4.53	34.53		27.378	70.9	1.407	

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202					143060	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 10.0N	113 55.0W	2/12/72			1804 GMT			3737M	270	0KT	1	02	SIgT	DT	DD	
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIgT	DT	DD	
0	20.63	34.53							0	20.63	34.53		24.256	367.5	0.000	
10	20.60	34.53							10	20.60	34.53		24.265	366.8	0.037	
20	20.59	34.53							20	20.59	34.53		24.267	366.5	0.073	
30	20.59	34.53							30	20.59	34.53		24.267	366.5	0.110	
50	20.55	34.53							50	20.55	34.53		24.278	365.5	0.184	
75	15.43	35.58							75	15.43	35.58		24.805	315.3	0.269	
100	12.86	33.80							100	12.86	33.80		25.312	248.0	0.340	
125	12.15	34.11							125	12.15	34.11		25.890	212.1	0.398	
150	12.60	34.57							150	12.60	34.57		26.159	186.6	0.449	
200	11.75	34.66							200	11.75	34.66		26.392	164.4	0.539	
250	11.12	34.72							250	11.12	34.72		26.555	148.9	0.620	
300	10.08	34.64							300	10.08	34.64		26.677	137.3	0.695	
400	8.93	34.59							400	8.93	34.59		26.829	122.9	0.832	
500	7.66	34.53							500	7.66	34.53		26.976	109.0	0.956	
600	6.70	34.51							600	6.70	34.51		27.095	97.7	1.068	
700	6.06	34.52							700	6.06	34.52		27.188	88.9	1.171	
800	5.49	34.52							800	5.49	34.52		27.259	82.2	1.266	
1000	4.49	34.54							1000	4.49	34.54		27.390	69.7	1.438	

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202					147020	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 56.0N	111 03.5W	2/13/72			2023 GMT			136M	270	3KT	1	02	SIgT	DT	DD	
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIgT	DT	DD	
0	20.87	34.56							0	20.87	34.56		24.215	371.5	0.000	
10	20.83	34.54							10	20.83	34.54		24.210	371.9	0.037	
20	20.61	34.62							20	20.61	34.62		24.330	360.5	0.074	
30	18.82	34.24							30	18.82	34.24		24.507	343.7	0.109	
50	16.58	34.38							50	16.58	34.38		25.157	281.8	0.172	
75	14.95	34.67							75	14.95	34.67		25.747	225.6	0.236	
100	14.17	34.67							100	14.17	34.67		25.915	209.7	0.291	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						147020
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 56.0N	111 03.5W	2/13/72			2117	GM1		136M	270	3KT	1	290 1 5				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SiGT	DT	DD	
1	21.01	34.562	5.33	0.40	3.	0.10	0.0	375.0	0	21.01	34.562	5.33	24.178	375.0	0.000	
11	20.72	34.567	5.29	0.47	3.	0.05	0.0	367.1	10	20.75	34.559	5.29	24.246	368.5	0.037	
31	17.53	34.218	4.16	1.16	8.	0.35	6.8	315.0	20	19.43	34.398	4.97	24.471	347.1	0.073	
41	16.37	34.249	2.98	1.55	13.	0.36	12.8	286.7	30	17.72	34.233	4.25	24.774	318.3	0.106	
56	15.80	34.615	1.30	2.36	21.	0.12	21.4	247.6	50	15.95	34.466	1.89	25.368	261.7	0.165	
72	15.10	34.658	0.87	2.57	25.	0.15	23.4	229.6	75	14.97	34.665	0.81	25.739	226.4	0.226	
86	14.55	34.683	0.63	2.66	25.	0.13	23.8	216.4	100	14.32	34.691	0.60	25.900	211.1	0.281	
108	14.20	34.689	0.59	2.69	30.	0.13	24.7	208.9	125	13.62	34.683	0.42	26.040	197.8	0.333	
125	13.62	34.653	0.42	2.71	32.	0.19	25.3	197.8								

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						147025
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 46.5N	111 23.0W	2/15/72			2324	GM1		273M	270	5KT	1	270 1 6				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SiGT	DT	DD	
									0	20.13	34.65		24.481	346.2	0.000	
									10	19.91	34.67		24.554	359.2	0.034	
									20	19.87	34.66		24.557	358.9	0.068	
									30	19.34	34.60		24.648	330.2	0.102	
									50	18.55	34.58		24.834	312.5	0.166	
									75	14.37	34.35		25.826	237.1	0.236	
									100	13.36	34.63		26.049	197.0	0.290	
									125	12.93	34.68		26.178	184.7	0.339	
									150	12.32	34.69		26.306	172.5	0.384	
									200	11.49	34.69		26.464	157.6	0.469	
									250	10.75	34.65		26.568	147.7	0.548	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						147025
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 46.5N	111 23.0W	2/15/72			2359	GM1		273M	270	5KT	1	270 1 6				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SiGT	DT	DD	
2	20.26	34.710	5.50	0.57		0.06	0.1		0	20.26	34.650	5.50	24.446	349.4	0.000	
6	20.26	34.665	5.52	0.47		0.05	0.0	348.3	10	20.19	34.672	5.50	24.480	346.2	0.035	
23	19.87	34.671	5.45	0.55		0.13	0.1	338.1	20	19.96	34.675	5.46	24.544	340.1	0.069	
43	19.50	34.632	5.08	0.72		0.42	1.4	331.8	30	19.74	34.658	5.32	24.588	335.9	0.103	
65	16.34	34.464	1.92	1.93		0.13	18.3	270.4	50	18.60	34.564	4.12	24.809	314.9	0.168	
90	13.96	34.596	0.80	2.53		0.07	25.0	210.9	75	15.23	34.500	1.26	25.555	243.9	0.239	
120	12.97	34.694	0.62	2.71	33.	0.09	24.0	184.4	100	13.50	34.639	0.74	26.031	198.6	0.295	
168	12.20	34.708	0.27	2.81	37.	0.08	25.6	169.0	125	12.87	34.701	0.58	26.207	182.0	0.343	
218	11.42	34.698	0.20	2.93	40.	0.06	25.1	155.7	150	12.43	34.716	0.39	26.304	172.7	0.388	
246	10.75	34.661	0.09	2.86U	44.	0.06	25.4	146.9	200	11.73	34.708	0.22	26.432	160.5	0.474	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						147030
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 33.5N	111 41.5W	2/14/72			0258	GM1		464M	300	10KT						
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SiGT	DT	DD	
									0	21.19	34.66		24.204	372.5	0.000	
									10	21.11	34.64		24.210	371.9	0.037	
									20	21.08	34.65		24.226	370.4	0.074	
									30	21.05	34.64		24.227	370.3	0.112	
									50	20.29	34.57		24.378	356.0	0.184	
									75	18.09	34.27		24.711	324.2	0.270	
									100	15.08	34.43		25.535	245.9	0.342	
									125	13.71	34.51		25.888	212.2	0.400	
									150	12.43	34.55		26.176	184.9	0.451	
									200	11.63	34.62		26.383	165.2	0.540	
									250	11.00	34.62		26.499	154.2	0.623	
									300	10.15	34.61		26.642	140.7	0.700	
									400	8.86	34.55		26.809	124.8	0.839	

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

147035

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
23 25.0N		112 00.0W		2/14/72		0545 GM1			2980M	280	8KT		SigT	DT	DD
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SigT	DT	DD
									0	20.68	34.64		24.327	360.8	0.000
									10	20.58	34.61		24.331	360.5	0.036
									20	20.52	34.63		24.362	357.5	0.072
									30	20.50	34.63		24.367	357.0	0.108
									50	20.34	34.58		24.372	356.5	0.179
									75	19.10	34.39		24.550	339.6	0.267
									100	15.18	34.27		25.390	259.6	0.343
									125	13.13	34.41		25.930	208.3	0.402
									150	12.60	34.58		26.166	185.8	0.452
									200	11.95	34.69		26.377	165.8	0.542
									250	11.02	34.64		26.511	153.1	0.625
									300	10.26	34.60		26.615	143.2	0.702
									400	8.82	34.54		26.807	125.0	0.843
									500	7.50	34.49		26.968	109.8	0.968
									600	6.66	34.48		27.077	99.4	1.082
									700	6.03	34.45		27.168	90.8	1.186
									800	5.32	34.51		27.271	81.0	1.281
									1000	4.42	34.54		27.398	69.0	1.451

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

147035

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
23 25.0N		112 00.0W		2/14/72		0633 GM1			2980M	280	8KT		SigT	DT	DD
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SigT	DT	DD
									0	20.74	34.636	5.33	24.307	362.7	0.000
									10	20.60	34.634	5.36	24.343	359.2	0.036
									30	20.51	34.628	5.36	24.355	358.1	0.072
									55	20.35	34.613	5.43	24.363	357.4	0.108
									70	20.04	34.550	5.13	24.425	351.5	0.179
									85	18.88	34.459	3.92	24.477	346.5	0.267
									100	15.65	34.161	3.09	25.202	277.5	0.346
									130	13.69	34.477	1.10	25.790	221.6	0.409
									155	12.64	34.501	0.93	26.065	195.5	0.462
									180	12.30	34.659	0.43	26.363	167.1	0.555
									214	11.93	34.713	0.27	26.501	154.0	0.638
									279	10.69	34.643	0.20	26.616	143.1	0.715
									377	9.39	34.592	0.15	26.800	125.7	0.857
									474	7.97	34.530	0.19	26.966	109.9	0.983
									605	6.72	34.508	0.20	27.086	98.6	1.096
									755	5.51	34.510	0.23	27.196	88.2	1.198
									902	4.75	34.521	0.29	27.283	79.9	1.292
									1107	4.09	34.542	0.51	27.396	69.2	1.461

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

147040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
23 16.5N		112 18.5W		2/14/72		0903 GM1			3357M	330	10KT		SigT	DT	DD
Z	T	S	O2	P04	S103	N02	N03	DT	Z	T	S	O2	SigT	DT	DD
									0	20.48	34.62		24.365	357.2	0.000
									10	20.49	34.62		24.362	357.4	0.036
									20	20.49	34.62		24.362	357.4	0.072
									30	20.46	34.62		24.370	356.7	0.107
									50	20.44	34.62		24.376	356.2	0.179
									75	20.34	34.60		24.387	355.1	0.268
									100	15.21	34.10		25.253	272.7	0.348
									125	13.58	34.62		26.000	201.6	0.408
									150	13.00	34.69		26.172	185.3	0.457
									200	12.12	34.72		26.368	166.7	0.547
									250	11.55	34.72		26.476	156.4	0.631
									300	10.64	34.63		26.572	147.3	0.710
									400	9.20	34.54		26.746	130.8	0.856
									500	7.90	34.49		26.909	115.3	0.988
									600	6.80	34.47		27.050	101.9	1.105
									700	5.96	34.49		27.177	90.0	1.210
									800	5.32	34.50		27.263	81.7	1.306
									1000	4.43	34.53		27.389	69.9	1.477

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202					147050	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 56.5N	112 55.5W	2/14/72			1444 GMT			3169M	350	3KT	2	350 1 5				
Z	T	S	Q2	P04	S103	N02	N03	DT	Z	T	S	Q2	SIGT	DT	DD	
									0	20.12	34.41		24.301	363.3	0.000	
									10	20.13	34.41		24.298	363.6	0.036	
									20	20.12	34.42		24.308	362.6	0.073	
									30	20.09	34.44		24.331	360.4	0.109	
									50	19.71	34.42		24.416	352.3	0.181	
									75	16.10	34.37		25.260	272.0	0.259	
									100	13.94	34.47		25.810	219.7	0.321	
									125	12.65	34.49		26.087	193.4	0.374	
									150	11.81	34.48		26.241	178.7	0.421	
									200	11.49	34.64		26.425	161.3	0.508	
									250	10.83	34.63		26.538	150.5	0.589	
									300	10.21	34.58		26.608	143.9	0.665	
									400	8.77	34.52		26.800	125.7	0.807	
									500	7.74	34.50		26.941	112.3	0.934	
									600	6.73	34.49		27.076	99.6	1.049	
									700	6.06	34.49		27.164	91.2	1.154	
									800	5.62	34.50		27.227	85.2	1.252	
									1000	4.66	34.53		27.364	72.3	1.430	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202					147060	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 35.5N	113 33.0W	2/14/72			2003 GMT			3737M	310	4KT	8	310 1 7				
Z	T	S	Q2	P04	S103	N02	N03	DT	Z	T	S	Q2	SIGT	DT	DD	
									0	20.60	34.46		24.211	371.8	0.000	
									10	20.58	34.46		24.217	371.3	0.037	
									20	20.56	34.46		24.222	370.8	0.074	
									30	20.55	34.46		24.225	370.6	0.111	
									50	19.67	34.43		24.434	350.6	0.184	
									75	14.54	33.87		25.221	275.7	0.263	
									100	13.60	34.35		25.787	221.8	0.325	
									125	13.48	34.71		26.090	193.1	0.378	
									150	12.34	34.65		26.271	175.9	0.425	
									200	11.59	34.66		26.422	161.6	0.512	
									250	10.91	34.64		26.531	151.2	0.592	
									300	10.30	34.61		26.616	143.1	0.669	
									400	9.16	34.57		26.776	127.9	0.812	
									500	7.81	34.51		26.938	112.6	0.941	
									600	6.72	34.50		27.085	98.7	1.055	
									700	6.08	34.49		27.161	91.4	1.159	
									800	5.45	34.49		27.240	84.0	1.257	
									1000	4.53	34.53		27.378	70.9	1.432	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202					147060	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 35.5N	113 33.0W	2/14/72			2107 GMT			3737M	310	4KT	2	310 1 7				
Z	T	S	Q2	P04	S103	N02	N03	DT	Z	T	S	Q2	SIGT	DT	DD	
									0	20.58	34.464	5.46	24.220	371.0	0.000	
									10	20.55	34.464	5.36	24.228	370.2	0.037	
									20	20.53	34.462	5.35	24.231	369.9	0.074	
									30	20.51	34.459	5.36	24.234	369.7	0.111	
									50	19.83	34.473	5.42	24.425	351.5	0.184	
									75	16.68	34.347	4.35	25.107	286.5	0.264	
									100	13.55	34.128	2.52	25.625	237.2	0.330	
									125	13.50	34.607	0.76	26.005	201.1	0.386	
									150	12.89	34.692	0.66	26.195	183.1	0.434	
									200	11.80	34.661	0.35	26.382	165.4	0.524	
									250	11.19	34.676	0.25	26.508	153.4	0.606	
									300	10.61	34.674	0.18	26.610	143.7	0.684	
									400	9.19	34.588	0.16	26.784	127.2	0.826	
									500	7.75	34.528	0.15	26.960	110.5	0.954	
									600	6.70	34.509	0.16	27.094	97.8	1.067	
									700	6.00	34.503	0.18	27.181	89.5	1.169	
									800	5.45	34.508	0.21	27.253	82.7	1.265	
									1000	4.44	34.528	0.37	27.385	70.2	1.438	

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202					150019	
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 24.0N	110 38.0W	2/16/72			0252 GMT			279M	310	24KT						
Z	T	S	Q2	P04	S103	N02	N03	DT	Z	T	S	Q2	SIGT	DT	DD	
									0	20.64	34.69		24.375	356.2	0.000	
									10	20.65	34.69		24.373	356.4	0.036	
									20	20.65	34.69		24.373	356.4	0.071	
									30	20.25	34.66		24.456	348.5	0.107	
									50	15.82	34.09		25.109	286.4	0.170	
									75	14.14	34.44		25.744	225.9	0.235	
									100	13.30	34.62		26.057	196.2	0.288	
									125	12.63	34.65		26.175	185.0	0.337	
									150	12.56	34.65		26.228	179.9	0.383	
									200	11.66	34.69		26.432	160.6	0.470	



## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

150025

LATITUDE 23 12.0N			LONGITUDE 111 01.5W			MO/DAY/YR 2/15/72			MESSENGER TIME 2258 GMT			BOTTOM 1391M			WIND 320			SPEED 18KT			WEATHER 1			DOMINANT WAVES 320 5 5		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD											
									0	20.40	34.68		24.432	350.8	0.000											
									10	20.39	34.68		24.434	350.5	0.035											
									20	19.76	34.60		24.540	340.5	0.070											
									30	19.55	34.57		24.571	337.5	0.104											
									50	16.91	34.40		25.095	287.7	0.166											
									75	14.78	34.60		25.731	227.2	0.231											
									100	13.95	34.66		25.954	206.0	0.286											
									125	13.24	34.67		26.108	191.4	0.337											
									150	12.79	34.71		26.229	179.8	0.384											
									200	11.66	34.69		26.432	160.6	0.471											
									250	11.16	34.69		26.525	151.8	0.552											
									300	10.24	34.60		26.618	142.9	0.629											
									400	9.12	34.55		26.767	128.8	0.772											
									500	7.51	34.49		26.966	109.9	0.899											
									600	6.74	34.50		27.082	98.9	1.012											
									700	6.06	34.50		27.172	90.4	1.116											
									800	5.44	34.51		27.257	82.4	1.213											
									1000	4.70	34.53		27.359	72.7	1.388											

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

150025

LATITUDE 23 12.0N			LONGITUDE 111 01.5W			MO/DAY/YR 2/15/72			MESSENGER TIME 2346 GMT			BOTTOM 1391M			WIND 320			SPEED 18KT			WEATHER 1			DOMINANT WAVES 320 5 5		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD											
									0	20.35	34.669	5.40	24.437	350.3	0.000											
									10	20.33	34.669	5.37	24.441	350.0	0.035											
									20	20.09	34.631	5.25	24.475	346.7	0.070											
									30	19.51	34.574	5.12	24.582	336.5	0.104											
									50	17.09	34.502	2.81	25.130	284.4	0.167											
									75	14.49	34.614	0.82	25.803	220.3	0.230											
									100	13.76	34.660	0.55	25.993	202.2	0.283											
									125	13.27	34.701	0.45	26.126	189.6	0.333											
									150	12.83	34.735	0.34	26.241	178.7	0.380											
									200	11.65	34.687	0.36	26.431	160.6	0.467											
									250	11.03	34.680	0.26	26.540	150.3	0.548											
									300	10.46	34.656	0.15	26.623	142.5	0.624											
									400	9.18	34.585	0.13	26.783	127.3	0.766											
									500	7.68	34.523	0.15	26.967	109.8	0.893											
									600	6.78	34.507	0.17	27.082	99.0	1.006											
									700	5.98	34.507	0.18	27.187	89.0	1.109											
									800	5.40	34.512	0.19	27.263	81.8	1.205											
									1000	4.59	34.529	0.30	27.370	71.6	1.378											

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

150030

LATITUDE 23 02.0N			LONGITUDE 111 22.0W			MO/DAY/YR 2/15/72			MESSENGER TIME 1953 GMT			BOTTOM 2790M			WIND 310			SPEED 15KT			WEATHER 1			DOMINANT WAVES 310 5 5		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD											
									0	20.88	34.56		24.212	371.8	0.000											
									10	20.82	34.56		24.228	370.2	0.037											
									20	20.54	34.59		24.326	360.9	0.074											
									30	20.14	34.54		24.394	354.4	0.110											
									50	17.86	34.41		24.875	308.7	0.176											
									75	15.33	34.41		25.464	252.6	0.247											
									100	14.14	34.62		25.883	212.7	0.306											
									125	13.02	34.66		26.145	187.9	0.356											
									150	12.68	34.72		26.259	177.0	0.403											
									200	11.88	34.74		26.429	160.8	0.490											
									250	11.09	34.69		26.537	150.6	0.570											
									300	10.44	34.65		26.622	142.5	0.647											
									400	8.92	34.54		26.791	126.5	0.788											
									500	7.63	34.49		26.949	111.5	0.916											
									600	6.64	34.47		27.072	99.9	1.030											
									700	5.99	34.48		27.165	91.1	1.135											
									800	5.43	34.48		27.234	84.5	1.232											
									1000	4.44	34.52		27.380	70.7	1.407											

RV DAVID STARR JORDAN CALCOFI CRUISE 7202 150035

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
22 52.0N		111 38.0W		2/18/72		1443 GMT			3357M		340		12KT		1		340 4 3		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD				
									0	20.37	34.61		24.387	355.1	0.000				
									10	20.27	34.60		24.406	353.3	0.035				
									20	20.27	34.60		24.406	353.3	0.071				
									30	20.23	34.59		24.409	353.0	0.106				
									50	18.52	34.38		24.689	326.4	0.174				
									75	16.55	34.32		25.118	285.5	0.251				
									100	13.86	34.38		25.757	224.7	0.316				
									125	13.49	34.68		26.065	195.5	0.369				
									150	12.81	34.69		26.210	181.7	0.417				
									200	11.78	34.70		26.417	162.0	0.505				
									250	11.10	34.67		26.520	152.2	0.587				
									300	10.45	34.63		26.605	144.2	0.664				
									400	9.03	34.56		26.789	126.7	0.807				
									500	7.66	34.50		26.952	111.2	0.934				
									600	6.79	34.48		27.059	101.1	1.049				
									700	5.97	34.48		27.168	90.8	1.154				
									800	5.36	34.49		27.251	82.9	1.250				
									1000	4.42	34.53		27.390	69.7	1.423				

RV DAVID STARR JORDAN CALCOFI CRUISE 7202 150040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
22 42.5N		111 55.5W		2/15/72		1311 GMT			3169M		340		15KT						
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD				
									0	21.32	34.62		24.138	378.8	0.000				
									10	21.33	34.63		24.143	378.4	0.038				
									20	21.30	34.66		24.174	375.4	0.076				
									30	21.08	34.64		24.219	371.1	0.113				
									50	20.52	34.62		24.354	358.2	0.186				
									75	17.00	34.29		24.989	297.7	0.269				
									100	14.31	34.54		25.785	222.0	0.334				
									125	13.32	34.70		26.115	190.7	0.387				
									150	12.54	34.67		26.248	178.1	0.434				
									200	11.94	34.70		26.387	164.9	0.522				
									250	11.25	34.68		26.500	154.1	0.604				
									300	10.71	34.67		26.590	145.6	0.682				
									400	9.14	34.56		26.772	128.4	0.827				
									500	7.54	34.50		26.970	109.6	0.954				
									600	6.59	34.49		27.094	97.8	1.066				
									700	5.74	34.48		27.196	88.1	1.168				
									800	5.12	34.50		27.287	79.5	1.261				
									1000	4.24	34.53		27.409	67.9	1.427				

RV DAVID STARR JORDAN CALCOFI CRUISE 7202 150040

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM		WIND		SPEED		WEATHER		DOMINANT WAVES		
22 42.5N		111 55.5W		2/15/72		1430 GMT			3169M		320		12KT				320 4 5		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD				
1	21.28	34.619	5.27	0.34	2.	0.07	0.0	377.9	0	21.28	34.619	5.27	24.148	377.8	0.000				
11	21.28	34.619	5.25	0.36	2.	0.02	0.2	377.8	10	21.28	34.620	5.25	24.148	377.8	0.038				
30	21.03	34.635	5.32	0.37	3.	0.04	0.1	370.2	20	21.20	34.629	5.28	24.177	375.1	0.076				
55	19.95	34.568	5.21	0.45	3.	0.24	0.7	347.6	30	21.03	34.635	5.32	24.228	370.2	0.113				
70	17.29	34.300	4.07	1.02	8.	0.27	8.9	303.6	50	20.50	34.610	5.23	24.352	358.4	0.186				
85	14.94	34.346	1.92	1.95	18.	0.12	20.7	249.1	75	16.40	34.287	3.34	25.127	284.7	0.267				
99	14.22	34.547	0.97	2.43	24.	0.05	25.6	219.7	100	14.18	34.556	0.96	25.825	218.3	0.330				
130	13.20	34.652	0.55	2.64	31.	0.04	27.7	191.9	125	13.34	34.657	0.62	26.078	194.2	0.383				
154	12.46	34.639	0.45	2.67	33.	0.10	28.8	178.9	150	12.57	34.643	0.46	26.221	180.6	0.431				
179	12.19	34.685	0.35	2.72	34.	0.03	29.6	170.5	200	11.97	34.724	0.33	26.400	163.7	0.519				
214	11.81	34.741	0.32	2.77	37.	0.03	28.9	159.5	250	11.32	34.717	0.26	26.515	152.7	0.601				
278	10.92	34.675	0.21	2.81	41.	0.00	27.8	148.8	300	10.62	34.658	0.21	26.596	145.0	0.678				
376	9.56	34.604	0.20	2.98	50.	0.01	30.2	131.6	400	9.19	34.589	0.20	26.785	127.1	0.822				
474	8.09	34.547	0.20	3.16	63.	0.06	34.3	113.8	500	7.76	34.537	0.20	26.966	109.9	0.948				
605	6.60	34.510	0.20	3.27	81.	0.03	40.2	96.4	600	6.65	34.511	0.20	27.103	97.0	1.061				
755	5.33	34.519	0.32	3.40	96.	0.01	44.7	80.4	700	5.74	34.513	0.27	27.222	85.6	1.161				
901	4.60	34.532	0.35	3.46	113.	0.00	46.0	71.5	800	5.07	34.524	0.33	27.311	77.2	1.252				
1102	3.84	34.549	0.60	3.40	127.	0.00	44.9	62.5	1000	4.19	34.542	0.44	27.424	66.6	1.414				

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

150050

Z	T	S	02	P04	S103	N02	N03	DT	BOTTOM			WEATHER	DOMINANT WAVES		
									Z	T	S		02	S10T	DT
									0	21.39	34.62		24.119	380.6	0.000
									10	21.38	34.62		24.122	380.4	0.038
									20	21.31	34.62		24.141	378.6	0.076
									30	20.72	34.63		24.308	362.6	0.113
									50	20.27	34.53		24.352	358.4	0.186
									75	17.47	34.23		24.832	312.8	0.270
									100	14.69	34.43		25.619	237.8	0.339
									125	13.46	34.60		26.009	200.7	0.395
									150	12.56	34.64		26.220	180.7	0.444
									200	11.91	34.75		26.431	160.6	0.531
									250	11.15	34.67		26.511	153.1	0.612
									300	10.54	34.63		26.589	145.7	0.690
									400	8.85	34.55		26.810	124.7	0.833
									500	7.51	34.49		26.966	109.9	0.958
									600	6.36	34.48		27.117	95.6	1.069
									700	5.63	34.49		27.218	86.1	1.169
									800	5.07	34.49		27.285	79.7	1.261
									1000	4.24	34.55		27.425	66.4	1.426

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

150060

Z	T	S	02	P04	S103	N02	N03	DT	BOTTOM			WEATHER	DOMINANT WAVES		
									Z	T	S		02	S10T	DT
									0	20.45	34.31		24.138	378.9	0.000
									10	20.46	34.31		24.135	379.1	0.038
									20	20.32	34.26		24.134	379.2	0.076
									30	20.23	34.33		24.211	371.9	0.114
									50	20.20	34.33		24.219	371.1	0.188
									75	16.41	33.76		24.722	323.2	0.275
									100	14.73	34.23		25.457	253.2	0.348
									125	13.29	34.37		25.866	214.3	0.407
									150	13.37	34.69		26.097	192.4	0.459
									200	11.82	34.68		26.394	164.2	0.550
									250	11.22	34.70		26.521	152.1	0.632
									300	10.38	34.64		26.625	142.3	0.709
									400	8.87	34.55		26.807	125.0	0.850
									500	7.45	34.50		26.983	108.3	0.975
									600	6.54	34.49		27.101	97.1	1.086
									700	5.85	34.50		27.198	87.9	1.187
									800	5.18	34.50		27.260	80.2	1.281
									1000	4.22	34.53		27.412	67.7	1.448

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

153016

Z	T	S	02	P04	S103	N02	N03	DT	BOTTOM			WEATHER	DOMINANT WAVES		
									Z	T	S		02	S10T	DT
									0	21.49	34.62		24.091	383.3	0.000
									10	21.50	34.62		24.089	383.5	0.038
									20	21.40	34.61		24.109	381.6	0.077
									30	19.48	34.45		24.498	344.5	0.113
									50	16.09	34.19		25.124	284.9	0.176
									75	15.04	34.47		25.574	242.1	0.243
									100	14.50	34.65		25.830	217.8	0.301
									125	13.49	34.67		26.057	196.2	0.353
									150	12.59	34.70		26.261	176.8	0.401
									200	11.91	34.73		26.416	162.1	0.488
									250	11.14	34.69		26.528	151.5	0.569
									300	10.59	34.65		26.596	145.0	0.646

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

153020

Z	T	S	02	P04	S103	N02	N03	DT	BOTTOM			WEATHER	DOMINANT WAVES		
									Z	T	S		02	S10T	DT
									0	20.92	34.66		24.277	365.5	0.000
									10	20.93	34.66		24.274	365.8	0.037
									20	20.83	34.66		24.301	363.2	0.073
									30	20.71	34.67		24.341	359.4	0.109
									50	18.72	34.44		24.684	326.8	0.178
									75	14.09	34.28		25.632	236.6	0.249
									100	13.21	34.59		26.052	196.6	0.304
									125	12.45	34.65		26.250	177.9	0.351
									150	12.19	34.67		26.316	171.6	0.396
									200	11.47	34.70		26.475	156.5	0.480
									250	10.78	34.67		26.578	146.7	0.559
									300	10.43	34.64		26.616	143.1	0.634
									400	8.97	34.55		26.791	126.5	0.776
									500	7.96	34.52		26.924	113.9	0.905
									600	6.72	34.49		27.077	99.4	1.020
									700	5.99	34.50		27.181	89.6	1.124
									800	5.51	34.50		27.240	83.9	1.221
									1000	4.53	34.54		27.386	70.1	1.395

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

153020

Z	LATITUDE		LONGITUDE			MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD			
2	20.86	34.663	5.29	0.45	2.	0.00	0.2	363.8	0	20.86	34.663	5.29	24.296	363.8	0.000			
12	20.84	34.662	5.30	0.45	2.	0.00	0.1	363.3	10	20.84	34.663	5.30	24.299	363.4	0.036			
30	20.66	34.678	5.35	0.46	3.	0.00	1.0	357.6	20	20.76	34.670	5.32	24.327	360.8	0.073			
54	18.47	34.454	3.60	1.16	9.	0.34	9.2	319.8	30	20.66	34.678	5.35	24.361	357.6	0.109			
68	14.92	34.290	2.12	1.84	17.	0.02	19.3	252.8	50	19.08	34.508	4.00	24.643	330.7	0.178			
82	13.75	34.299	1.69	2.10	21.	0.03	21.6	228.5	75	14.14	34.278	1.86	25.619	237.8	0.249			
96	13.33	34.494	0.88	2.46	27.	0.01	25.7	206.0	100	13.21	34.527	0.81	26.003	201.3	0.305			
124	12.54	34.653	0.42	2.65	32.	0.01	27.5	181.7	125	12.57	34.637	0.42	26.216	181.1	0.353			
147	12.17	34.681	0.38	2.73	34.	0.00	26.9	170.5	150	12.15	34.685	0.36	26.334	169.9	0.398			
171	12.05	34.700	0.25	2.74	35.	0.00	28.1	166.9	200	11.60	34.712	0.22	26.459	158.0	0.482			
204	11.53	34.712	0.22	2.81	37.	0.00	27.9	156.7	250	10.95	34.692	0.19	26.564	148.1	0.561			
263	11.86	34.681	0.18	2.89	42.	0.00	26.8	146.3	300	10.33	34.652	0.18	26.643	140.6	0.637			
355	9.65	34.606	0.18	3.01	49.	0.00	29.2	132.9	400	9.20	34.583	0.23	26.778	127.7	0.778			
446	8.72	34.559	0.28	3.09	56.	0.00	31.5	122.1	500	7.90	34.532	0.24	26.942	112.2	0.906			
570	8.87	34.512	0.16	3.30	76.	0.00	37.1	99.7	600	6.59	34.510	0.17	27.109	96.3	1.020			
710	5.83	34.508	0.19	3.40		0.04	41.7	87.1	700	5.88	34.508	0.19	27.200	87.7	1.121			
848	5.04	34.521	0.28	3.00U		0.01	44.2	77.0	800	5.29	34.516	0.24	27.280	80.2	1.214			
1044	4.36	34.537	0.43	3.40		0.00	43.9	68.8	1000	4.48	34.535	0.39	27.387	70.0	1.384			

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

153025

Z	LATITUDE		LONGITUDE			MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD			
0	20.80	34.59											24.256	367.5	0.000			
10	20.66	34.61											24.304	363.0	0.037			
20	20.27	34.58											24.390	354.8	0.072			
30	20.02	34.57											24.449	349.2	0.108			
50	19.44	34.47											24.524	342.1	0.177			
75	15.04	34.00											25.213	276.5	0.255			
100	14.23	34.56											25.818	218.9	0.318			
125	13.43	34.69											26.085	193.6	0.370			
150	12.54	34.68											26.255	177.4	0.417			
200	11.42	34.67											26.461	157.8	0.503			
250	10.58	34.62											26.574	147.1	0.582			
300	10.03	34.61											26.662	138.7	0.656			
400	8.73	34.57											26.845	121.4	0.794			
500	7.71	34.51											26.953	111.2	0.918			
600	6.71	34.50											27.086	98.6	1.032			
700	6.09	34.49											27.160	91.5	1.136			
800	5.38	34.49											27.248	83.2	1.233			
1000	4.55	34.53											27.376	71.1	1.407			

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

153030

Z	LATITUDE		LONGITUDE			MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	UT	DD			
0	21.32	34.52											24.062	386.0	0.000			
10	21.32	34.52											24.062	386.0	0.039			
20	21.32	34.52											24.062	386.0	0.077			
30	21.32	34.52											24.062	386.0	0.116			
50	21.07	34.47											24.092	383.2	0.193			
75	17.57	33.90											24.555	339.1	0.284			
100	14.52	33.98											25.310	267.3	0.360			
125	11.99	33.93											25.781	222.5	0.422			
150	12.54	34.45											26.077	194.3	0.475			
200	11.53	34.64											26.417	162.0	0.567			
250	11.09	34.65											26.506	153.5	0.648			
300	10.44	34.62											26.599	144.7	0.726			
400	8.81	34.51											26.785	127.1	0.869			
500	7.62	34.49											26.950	111.4	0.996			
600	6.71	34.49											27.076	99.3	1.110			
700	6.07	34.49											27.163	91.3	1.215			
800	5.34	34.50											27.461	82.0	1.311			
1000	4.44	34.53											27.388	70.0	1.483			

RV DAVID STARR JORDAN

CALCOFI CRUISE 7202

153030

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	330	4	5			
0	21.38	34.525	5.29	0.37		0.00	0.0	387.3	0	21.38	34.525	5.29	24.050	387.3	0.000						
5	21.32	34.520	5.28	0.39		0.02	0.1	386.0	10	21.32	34.520	5.28	24.062	386.0	0.039						
29	21.30	34.520	5.31	0.37		0.00	0.0	385.5	20	21.31	34.520	5.30	24.064	385.8	0.077						
53	20.52	34.359	5.49	0.34				377.1	30	21.29	34.519	5.32	24.070	385.3	0.116						
68	19.49	34.328	4.76	0.64		0.27	3.0	353.6	50	21.00	34.480	5.47	24.119	380.6	0.193						
83	15.46	33.896	4.20	1.06		0.12	8.4	292.9	75	17.58	34.095	4.51	24.700	325.3	0.282						
97	14.77	34.024	3.30	1.34		0.06	13.2	269.1	100	14.46	34.031	3.18	25.360	262.5	0.356						
127	12.07	34.134	2.22	2.06		0.00	22.1	208.9	125	12.23	34.125	2.28	25.886	212.5	0.416						
151	12.23	34.446	1.00	2.50		0.02	26.7	188.8	150	12.22	34.438	1.05	26.129	189.4	0.467						
176	12.03	34.564	0.48	2.51U		0.00		175.0	200	11.77	34.598	0.27	26.338	169.5	0.559						
211	11.64	34.586	0.23	2.78		0.00	27.9	167.9	250	11.09	34.626	0.21	26.487	155.4	0.643						
274	10.72	34.647	0.19	2.89		0.01	26.1	147.4	300	10.35	34.635	0.19	26.626	142.2	0.720						
372	9.33	34.565	0.18	3.03		0.01	30.2	130.9	400	8.90	34.547	0.18	26.800	125.7	0.861						
469	7.91	34.515	0.19	3.21		0.01	34.4	113.6	500	7.57	34.508	0.19	26.971	109.4	0.987						
602	6.69	34.498	0.19	3.34		0.02	38.4	98.4	600	6.70	34.499	0.19	27.085	98.6	1.100						
754	5.66	34.499	0.23	3.41		0.02	43.0	85.7	700	6.00	34.498	0.21	27.178	89.9	1.203						
901	4.80	34.511	0.38	3.46		0.01	44.5	75.2	800	5.37	34.502	0.27	27.259	82.2	1.299						
1108	4.11	34.542	0.51	3.47		0.00	45.0	65.7	1000	4.39	34.526	0.45	27.389	69.9	1.471						

RV DAVID STARR JORDAN

CALCOFI CRUISE 7202

153035

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	330	4	5			
0									0	22.30	34.57		23.828	408.4	0.000						
10									10	22.29	34.57		23.831	408.1	0.041						
20									20	22.16	34.56		23.860	405.3	0.082						
30									30	22.06	34.54		23.873	404.1	0.122						
50									50	21.70	34.50		23.942	397.5	0.203						
75									75	17.22	34.05		24.754	320.2	0.293						
100									100	13.35	33.80		25.414	257.3	0.366						
125									125	12.15	34.06		25.851	215.8	0.425						
150									150	11.96	34.41		26.158	186.6	0.477						
200									200	11.39	34.59		26.405	163.2	0.566						
250									250	10.63	34.56		26.519	152.3	0.648						
300									300	10.08	34.55		26.607	144.0	0.725						
400									400	8.64	34.52		26.820	123.8	0.866						
500									500	7.50	34.48		26.960	110.5	0.991						
600									600	6.69	34.50		27.089	98.3	1.104						
700									700	5.90	34.49		27.184	89.3	1.207						
800									800	5.38	34.49		27.248	83.2	1.302						
1000									1000	4.50	34.52		27.373	71.3	1.477						

RV DAVID STARR JORDAN

CALCOFI CRUISE 7202

153040

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM		WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD	350	4	5			
0									0	22.11	34.55		23.866	404.7	0.000						
10									10	22.11	34.55		23.866	404.7	0.040						
20									20	21.98	34.56		23.910	400.5	0.081						
30									30	21.04	34.50		24.123	380.2	0.120						
50									50	20.98	34.50		24.140	378.7	0.196						
75									75	18.42	33.94		24.378	356.0	0.288						
100									100	13.98	33.98		25.424	256.4	0.366						
125									125	13.78	34.31		25.720	228.3	0.427						
150									150	12.79	34.65		26.183	184.2	0.480						
200									200	11.60	34.64		26.404	163.2	0.569						
250									250	10.70	34.61		26.545	149.8	0.649						
300									300	9.98	34.59		26.655	139.4	0.725						
400									400	8.52	34.49		26.815	124.2	0.864						
500									500	7.29	34.48		26.990	107.7	0.987						
600									600	6.58	34.49		27.096	97.6	1.098						
700									700	5.85	34.47		27.175	90.1	1.201						
800									800	5.18	34.49		27.272	80.9	1.296						
1000									1000	4.30	34.54		27.411	67.8	1.464						



RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						153050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 46.0N	112 13.0W	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
								0	20.89	34.36		24.058	386.5	0.000		
								10	20.89	34.36		24.058	386.5	0.039		
								20	20.90	34.36		24.055	386.8	0.077		
								30	20.83	34.36		24.074	385.0	0.116		
								50	18.85	33.94		24.271	366.2	0.191		
								75	16.25	33.67		24.689	326.3	0.279		
								100	13.41	33.74		25.356	262.9	0.353		
								125	12.31	33.97		25.751	225.3	0.414		
								150	12.04	34.30		26.058	196.1	0.468		
								200	11.59	34.58		26.360	167.4	0.561		
								250	10.84	34.61		26.520	152.2	0.644		
								300	9.99	34.54		26.615	143.3	0.721		
								400	8.70	34.50		26.795	126.2	0.862		
								500	7.45	34.47		26.959	110.6	0.989		
								600	6.48	34.46		27.101	97.1	1.101		
								700	5.61	34.47		27.205	87.3	1.202		
								800	5.03	34.46		27.262	80.0	1.295		
								1000	4.24	34.53		27.409	67.9	1.461		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						153050
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 46.0N	112 13.0W	2/17/72	0639	GMI	3169M	320	4KT	02	SIGT	DT	DD					
								0	20.85	34.368	5.49	24.075	384.9	0.000		
								10	20.85	34.364	5.38	24.071	385.2	0.039		
								20	20.86	34.363	5.38	24.068	385.5	0.077		
								30	20.87	34.361	5.37	24.064	385.9	0.116		
								50	19.85	34.186	5.57	24.200	373.0	0.192		
								75	16.30	33.742	5.58	24.732	322.3	0.279		
								100	13.31	33.793	3.96	25.417	257.1	0.352		
								125	12.59	34.093	2.51	25.791	221.5	0.413		
								150	11.99	34.358	1.37	26.111	191.1	0.465		
								200	11.58	34.580	0.52	26.361	167.3	0.557		
								250	10.76	34.603	0.38	26.527	151.5	0.639		
								300	9.85	34.554	0.34	26.650	139.9	0.715		
								400	8.68	34.520	0.24	26.813	124.4	0.854		
								500	7.49	34.488	0.21	26.967	109.8	0.979		
								600	6.57	34.494	0.22	27.100	97.2	1.092		
								700	5.76	34.494	0.25	27.205	87.3	1.193		
								800	5.10	34.499	0.30	27.288	79.4	1.285		
								1000	4.21	34.527	0.46	27.410	67.9	1.451		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						153060
LATITUDE	LONGITUDE	MO/DAY/YR			MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
21 27.0N	112 50.5W	2/17/72	1129	GMT	3834M	350	12KT	02	SIGT	DT	DD					
								0	20.46	34.32		24.142	378.4	0.000		
								10	20.27	34.29		24.170	375.8	0.038		
								20	19.80	34.22		24.240	369.1	0.075		
								30	19.20	34.07		24.281	365.2	0.112		
								50	18.13	33.92		24.434	350.6	0.184		
								75	15.16	33.56		24.849	311.1	0.267		
								100	13.30	33.71		25.355	263.0	0.339		
								125	12.14	34.02		25.822	218.5	0.400		
								150	11.15	34.20		26.146	187.8	0.452		
								200	11.36	34.58		26.402	163.4	0.542		
								250	10.57	34.55		26.522	152.1	0.623		
								300	9.84	34.57		26.664	138.6	0.699		
								400	8.33	34.48		26.837	122.2	0.836		
								500	7.19	34.44		26.973	109.3	0.959		
								600	6.45	34.46		27.090	98.2	1.071		
								700	5.84	34.47		27.176	90.0	1.174		
								800	5.32	34.50		27.263	81.7	1.270		
								1000	4.33	34.53		27.400	68.8	1.440		

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157010

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
22 32.0N	109 22.0W	2/15/72	0007	GMT	2980M	080	7KT	0	080	4	4				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	UT	DD
									0	21.18	34.69		24.229	370.1	0.000
									10	21.04	34.68		24.260	367.2	0.037
									20	20.90	34.71		24.320	361.4	0.073
									30	20.71	34.78		24.425	351.5	0.109
									50	20.48	34.83		24.524	342.0	0.179
									75	17.73	34.90		25.280	270.0	0.256
									100	15.24	34.82		25.799	220.7	0.318
									125	13.46	34.76		26.133	189.0	0.370
									150	12.78	34.76		26.270	176.0	0.416
									200	12.00	34.77		26.430	160.8	0.503
									250	11.26	34.72		26.529	151.3	0.584
									300	10.54	34.68		26.628	142.0	0.660
									400	8.96	34.58		26.816	124.1	0.800
									500	7.50	34.53		26.999	106.8	0.924
									600	6.63	34.51		27.105	96.8	1.034
									700	5.79	34.51		27.214	86.4	1.135
									800	5.26	34.52		27.286	79.6	1.227
									1000	4.35	34.55		27.413	67.5	1.394

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157015

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
22 22.5N	109 42.0W	2/18/72	2105	GMT	3169M	070	4KT	0	070	3	4				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	UT	DD
									0	21.60	34.72		24.137	378.9	0.000
									10	21.42	34.76		24.217	371.3	0.036
									20	21.29	34.82		24.298	363.6	0.074
									30	20.94	34.80		24.378	355.9	0.110
									50	19.68	34.81		24.720	323.3	0.179
									75	16.57	34.65		25.366	261.9	0.252
									100	14.40	34.69		25.882	212.8	0.312
									125	13.24	34.71		26.139	188.4	0.363
									150	12.85	34.79		26.279	175.1	0.410
									200	11.81	34.77		26.466	157.4	0.495
									250	11.13	34.72		26.553	149.1	0.574
									300	10.42	34.68		26.649	140.0	0.650
									400	8.85	34.57		26.826	123.2	0.788
									500	7.69	34.53		26.972	109.4	0.913
									600	6.72	34.51		27.093	97.9	1.025
									700	5.93	34.51		27.196	88.1	1.128
									800	5.28	34.52		27.284	79.8	1.221
									1000	4.43	34.55		27.405	68.4	1.389

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157020

LATITUDE	LONGITUDE	MO/DAY/YR	MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES					
22 13.0N	110 00.0W	2/18/72	1700	GMT	3169M	090	5KT	5	090	4	6				
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	S16T	UT	DD
									0	21.05	34.57		24.174	375.4	0.000
									10	21.03	34.58		24.187	374.2	0.037
									20	21.03	34.58		24.187	374.2	0.075
									30	21.02	34.58		24.189	373.9	0.112
									50	17.84	34.10		24.643	330.7	0.183
									75	14.28	34.11		25.461	252.9	0.257
									100	14.18	34.54		25.813	219.4	0.316
									125	13.04	34.54		26.040	197.8	0.369
									150	12.54	34.60		26.193	183.2	0.418
									200	11.96	34.70		26.383	165.2	0.507
									250	10.83	34.60		26.514	152.8	0.589
									300	10.01	34.60		26.658	139.1	0.665
									400	8.73	34.56		26.837	122.2	0.803
									500	7.55	34.52		26.984	108.2	0.926
									600	6.62	34.51		27.106	96.6	1.037
									700	5.92	34.52		27.205	87.2	1.138
									800	5.35	34.53		27.284	79.8	1.231
									1000	4.42	34.56		27.414	67.5	1.399

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157020

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02						SIGT	DT	DD
0	21.10	34.576	5.30	0.35	2.	0.00	0.0	376.3	0	21.10	34.576	5.30	24.165	376.3	0.000					
10	21.00	34.580	5.32	0.35	2.	0.03	0.0	373.4	10	21.00	34.580	5.32	24.195	373.4	0.038					
30	20.99	34.583	5.34	0.38	2.	0.00	0.1	372.9	20	21.00	34.583	5.33	24.197	373.2	0.075					
56	19.63	34.444	4.91	0.65	4.	0.28	1.4	348.6	30	20.99	34.583	5.34	24.200	372.9	0.112					
71	16.71	34.206	3.25	1.91	11.	0.11	10.3	297.4	50	19.94	34.475	5.01	24.396	354.2	0.185					
86	14.20	34.114	2.90	1.65U	14.	0.06	15.6	251.0	75	15.89	34.146	3.17	25.135	283.9	0.266					
101	14.35	34.544	0.90	2.48	24.	0.01	23.7	222.5	100	14.34	34.522	1.04	25.765	224.0	0.330					
131	12.98	34.564	0.66	2.59	29.	0.00	26.8	194.2	125	13.15	34.560	0.71	26.041	197.7	0.383					
156	12.51	34.631	0.40	2.62	32.	0.02	26.9	180.4	150	12.60	34.613	0.45	26.190	183.5	0.432					
181	12.06	34.678	0.36	2.53U	35.	0.02	26.9	166.7	200	11.89	34.695	0.32	26.392	164.3	0.521					
215	11.76	34.698	0.29	2.81	36.	0.03	25.9	161.8	250	11.05	34.678	0.23	26.535	150.8	0.602					
279	10.39	34.651	0.20	2.57U	42.	0.15	26.0	141.6	300	10.06	34.635	0.19	26.675	137.5	0.678					
376	9.06	34.573	0.15	3.09	52.	0.01	30.7	126.2	400	8.72	34.559	0.16	26.838	122.1	0.814					
473	7.74	34.529	0.21	3.06	64.	0.03	32.0	110.2	500	7.43	34.523	0.20	27.004	106.3	0.937					
603	6.43	34.513	0.15	3.36	81.	0.00	30.9U	94.0	600	6.45	34.513	0.15	27.131	94.3	1.045					
753	5.52	34.515	0.23A	3.40	92.	0.02	41.8	82.9	700	5.80	34.514	0.19	27.216	86.3	1.145					
898	4.80	34.525	0.40A	3.46	103.	0.01	44.1	74.1	800	5.27	34.518	0.28	27.283	79.9	1.237					
1108	4.01	34.551	0.53		120.	0.08		64.0	1000	4.38	34.537	0.48	27.400	66.8	1.405					

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157025

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02						SIGT	DT	DD
0	21.08	34.59											24.181	374.7	0.000					
10	21.08	34.59											24.181	374.7	0.037					
20	21.05	34.59											24.189	374.0	0.075					
30	20.91	34.58											24.219	371.1	0.112					
50	19.79	34.47											24.433	350.7	0.185					
75	16.98	34.31											25.009	295.8	0.266					
100	13.24	34.10											25.668	233.2	0.333					
125	12.79	34.42											26.005	201.1	0.388					
150	12.49	34.63											26.226	180.1	0.436					
200	12.02	34.74											26.402	163.4	0.525					
250	11.43	34.72											26.498	154.3	0.607					
300	10.60	34.65											26.594	145.2	0.685					
400	9.14	34.57											26.779	127.6	0.829					
500	7.69	34.53											26.972	109.4	0.955					
600	6.78	34.51											27.085	98.7	1.068					
700	5.96	34.50											27.185	89.2	1.171					
800	5.37	34.51											27.265	81.6	1.266					
1000	4.38	34.55											27.410	67.8	1.435					

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157030

Z	LATITUDE			LONGITUDE			MO/DAY/YR			MESSENGER			TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES		
	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02						SIGT	DT	DD
0	22.03	34.53											23.873	404.0	0.000					
10	22.03	34.54											23.881	403.3	0.040					
20	21.94	34.52											23.891	402.4	0.081					
30	21.80	34.51											23.922	399.4	0.121					
50	21.70	34.49											23.935	398.2	0.201					
75	19.22	34.13											24.321	361.4	0.296					
100	14.25	34.09											25.452	253.7	0.374					
125	14.24	34.57											25.823	218.4	0.434					
150	12.79	34.53											26.090	193.1	0.486					
200	11.90	34.66											26.379	165.6	0.578					
250	11.18	34.66											26.498	154.4	0.661					
300	10.51	34.64											26.602	144.4	0.739					
400	8.93	34.54											26.790	126.6	0.881					
500	7.65	34.50											26.954	111.1	1.008					
600	6.63	34.46											27.066	100.5	1.123					
700	5.89	34.47											27.170	90.6	1.228					
800	5.31	34.50											27.265	81.6	1.323					
1000	4.43	34.54											27.397	69.1	1.494					

A) THE OXYGEN SAMPLES AT 753 AND 898 METERS APPEAR TO HAVE BEEN REVERSED. THEY ARE ASSUMED TO NOW BE IN THE CORRECT ORDER.



## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157050

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD	
0									0	22.85	34.60			23.694	421.1	0.000
10									10	22.75	34.58			23.708	419.8	0.042
20									20	22.06	34.53			23.865	404.8	0.083
30									30	22.01	34.54			23.887	402.8	0.124
50									50	21.89	34.52			23.905	401.0	0.205
75									75	20.20	34.11			24.052	387.1	0.304
100									100	15.72	34.33			25.315	266.7	0.386
125									125	13.61	34.46			25.870	213.9	0.447
150									150	12.79	34.51			26.075	194.5	0.499
200									200	11.93	34.67			26.365	166.9	0.591
250									250	11.01	34.66			26.529	151.4	0.674
300									300	10.23	34.63			26.643	140.5	0.750
400									400	8.61	34.55			26.848	121.1	0.888
500									500	7.68	34.52			26.965	110.0	1.011
600									600	6.77	34.50			27.078	99.3	1.125
700									700	6.03	34.51			27.183	89.3	1.228
800									800	5.37	34.52			27.273	80.8	1.323
1000									1000	4.54	34.55			27.393	69.5	1.494

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157060

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD	
0									0	22.32	34.52			23.785	412.5	0.000
10									10	22.29	34.51			23.785	412.5	0.041
20									20	22.10	34.50			23.831	408.1	0.082
30									30	21.90	34.47			23.864	404.9	0.123
50									50	19.68	34.09			24.173	375.5	0.201
75									75	16.33	33.85			24.809	314.9	0.288
100									100	13.75	34.00			25.487	250.4	0.360
125									125	12.76	34.32			25.934	207.9	0.418
150									150	11.93	34.35			26.118	190.4	0.468
200									200	11.62	34.60			26.370	166.5	0.560
250									250	10.85	34.63			26.534	150.9	0.642
300									300	10.12	34.61			26.647	140.2	0.717
400									400	8.94	34.55			26.796	126.1	0.858
500									500	7.48	34.49			26.971	109.5	0.984
600									600	6.69	34.48			27.073	99.8	1.097
700									700	5.94	34.49			27.179	89.7	1.201
800									800	5.35	34.50			27.260	82.1	1.296
1000									1000	4.46	34.53			27.366	70.2	1.468

## RV DAVID STARR JORDAN

## CALCOFI CRUISE 7202

157060

LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND		SPEED	WEATHER	DOMINANT WAVES		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SI6T	DT	DD	
0	22.42	34.515	5.18	0.32	2.	0.00	0.1	415.6	0	22.42	34.515	5.18		23.752	415.6	0.000
10	22.33	34.512	5.13	0.31	2.	0.00	0.1	413.4	10	22.33	34.512	5.13		23.776	413.4	0.041
30	21.94	34.482	5.20	0.34	2.	0.00	2.2	405.1	20	22.21	34.510	5.17		23.807	410.4	0.083
55	20.12	34.228	5.48	0.34	2.	0.00	0.2	376.5	30	21.94	34.482	5.20		23.862	405.1	0.124
70	18.51	34.059	4.89	0.59	4.	0.16	2.6	349.5	50	20.59	34.290	5.42		24.085	383.9	0.203
85	16.24	33.901	4.49	0.89	7.	0.31	5.8	309.3	75	17.76	33.992	4.78		24.578	337.0	0.293
100	14.43	33.976	3.43	1.33	12.	0.04	12.7	265.7	100	14.43	33.976	3.43		25.326	265.7	0.369
129	12.91	34.387	1.36	2.28	26.	0.11	24.3	205.8	125	13.03	34.336	1.59		25.891	211.9	0.430
154	11.91	34.400	1.11	2.38	30.	0.11	26.2	186.4	150	12.03	34.403	1.15		26.140	188.3	0.481
179	11.89	34.584	0.47	2.57	33.	0.00	28.3	172.5	200	11.64	34.634	0.39		26.392	164.4	0.571
213	11.43	34.638		2.77	36.	0.01	28.1	160.3	250	10.91	34.652	0.21		26.540	150.3	0.652
276	10.53	34.643	0.12	2.87	41.	0.02	25.4	144.5	300	10.18	34.630	0.13		26.651	139.8	0.728
372	9.14	34.571	0.17	3.00	52.	0.01	30.3	127.6	400	8.72	34.546	0.17		26.828	123.0	0.866
471	7.73	34.496	0.17	3.14	63.	0.00	34.6	112.5	500	7.44	34.490	0.17		26.976	109.0	0.990
603	6.60	34.489	0.18	3.30	77.	0.00	37.8	98.0	600	6.62	34.489	0.18		27.089	98.3	1.103
753	5.47	34.505	0.21	3.40	93.	0.00	43.0	83.1	700	5.83	34.499	0.20		27.199	87.9	1.205
900	4.81	34.514	0.27	3.45	103.	0.02	44.1	75.1	800	5.23	34.509	0.22		27.261	80.1	1.298
1109	4.08	34.540	0.51	3.41	118.	0.01	40.2	65.6	1000	4.43	34.525	0.36		27.385	70.2	1.468



RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202							1576040
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 48.0N		108 55.0W		2/19/72		0554 GMT			2980M	330	10KT		SIGT	DT	DD		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	21.62	34.62		24.056	386.7	0.000		
									10	21.63	34.63		24.060	386.2	0.039		
									20	21.60	34.62		24.061	386.2	0.077		
									30	21.20	34.60		24.156	377.1	0.116		
									50	19.66	35.00		24.870	309.1	0.284		
									75	18.79	35.17		25.223	275.4	0.258		
									100	15.51	34.81		25.731	227.2	0.322		
									125	13.46	34.79		26.156	186.8	0.374		
									150	12.58	34.79		26.333	170.0	0.420		
									200	11.81	34.77		26.466	157.4	0.504		
									250	11.21	34.74		26.554	149.0	0.563		
									300	10.58	34.69		26.629	141.9	0.659		
									400	9.01	34.57		26.800	125.6	0.800		
									500	7.48	34.50		26.979	108.7	0.925		
									600	6.60	34.51		27.109	96.4	1.036		
									700	5.85	34.51		27.206	87.2	1.137		
									800	5.39	34.52		27.271	81.0	1.231		
									1000	4.52	34.55		27.395	69.3	1.401		

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202							1576040
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
22 48.0N		108 55.0W		2/19/72		0709 GMT			2980M	330	10KT		SIGT	DT	DD		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	21.63	34.621	5.25	24.054	386.9	0.000		
									10	21.61	34.622	5.23	24.060	386.3	0.039		
									20	21.55	34.625	5.22	24.079	384.5	0.077		
									30	21.42	34.640	5.20	24.126	379.9	0.116		
									50	19.95	34.917	5.08	24.731	322.3	0.166		
									75	19.28	35.117	4.80	25.057	291.2	0.263		
									100	16.23	34.790	1.74	25.551	244.3	0.351		
									125	13.87	34.752	0.74	26.041	197.7	0.367		
									150	12.80	34.778	0.21	26.279	175.1	0.435		
									200	11.97	34.776	0.16	26.441	159.7	0.521		
									250	11.33	34.746	0.16	26.536	150.7	0.601		
									300	10.67	34.702	0.15	26.622	142.6	0.677		
									400	9.09	34.605	0.18	26.813	124.4	0.818		
									500	7.42	34.536	0.18	27.015	105.3	0.941		
									600	6.43	34.520	0.18	27.138	93.6	1.049		
									700	5.76	34.514	0.18	27.220	85.8	1.148		
									800	5.27	34.516	0.21	27.281	80.1	1.240		
									1000	4.47	34.534	0.35	27.387	69.9	1.410		

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202							1576070
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 02.5N		108 27.0W		2/19/72		1123 GMT			2602M	330	9KT		SIGT	DT	DD		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	20.31	34.84		24.577	336.9	0.000		
									10	20.31	34.84		24.577	336.9	0.034		
									20	20.31	34.85		24.585	336.2	0.067		
									30	19.90	34.92		24.746	320.8	0.100		
									50	18.12	35.03		25.284	269.7	0.160		
									75	17.15	35.01		25.504	248.7	0.225		
									100	13.94	34.78		26.048	197.0	0.281		
									125	13.25	34.79		26.205	182.4	0.330		
									150	12.54	34.76		26.333	170.0	0.375		
									200	11.74	34.78		26.471	156.9	0.458		
									250	11.10	34.71		26.551	149.3	0.538		
									300	10.23	34.65		26.659	139.0	0.613		
									400	8.79	34.58		26.843	121.6	0.750		
									500	7.27	34.52		27.024	104.4	0.871		
									600	6.49	34.52		27.131	94.3	0.979		
									700	5.92	34.51		27.197	88.0	1.079		
									800	5.25	34.52		27.288	79.5	1.172		
									1000	4.55	34.55		27.392	69.6	1.341		

RV DAVIU STARR JORDAN										CALCOFI CRUISE 7202							1576100
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER TIME			BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 18.0N		107 58.0W		2/19/72		1552 GMT			2509M	340	10KT	0	SIGT	DT	DD		
Z	T	S	02	P04	S103	N02	N03	DT	Z	T	S	02	SIGT	DT	DD		
									0	20.64	34.85		24.497	344.6	0.000		
									10	20.63	34.85		24.499	344.3	0.034		
									20	20.63	34.85		24.499	344.3	0.069		
									30	20.17	34.80		24.584	336.3	0.103		
									50	19.05	34.99		25.020	294.8	0.166		
									75	16.69	34.72		25.392	259.4	0.236		
									100	14.31	34.74		25.939	207.4	0.295		
									125	13.36	34.72		26.122	190.0	0.346		
									150	12.88	34.76		26.250	177.9	0.393		
									200	11.90	34.73		26.418	161.9	0.460		
									250	11.36	34.72		26.518	152.4	0.561		
									300	10.60	34.67		26.596	145.1	0.639		
									400	9.24	34.60		26.787	126.9	0.782		
									500	8.00	34.55		26.941	112.3	0.910		
									600	6.94	34.53		27.078	99.3	1.025		
									700	6.08	34.52		27.185	89.2	1.129		
									800	5.51	34.52		27.256	82.4	1.224		
									1000	4.66	34.58		27.379	70.8	1.398		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						157G100	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 18.0N		107 58.0W		2/19/72		1648		GMT	2509M	340	3KT	0	340	4	3		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	SIGT	DT	DD		
0	20.73	34.843	5.44	0.52	1.	0.00	0.0	347.4	0	20.73	34.843	5.44	24.467	347.4	0.000		
10	20.61	34.848	5.46	0.52	1.	0.00	0.0	344.0	10	20.61	34.848	5.46	24.503	344.0	0.035		
30	19.98	34.811	5.37	0.61	2.	0.03	0.0	330.7	20	20.35	34.824	5.42	24.555	339.0	0.069		
55	18.74	34.974	4.85	1.02	4.	0.21	0.0	288.5	30	19.98	34.811	5.37	24.643	330.7	0.102		
70	17.58	34.961	3.00	1.89	17.	0.01	3.9	262.1	50	19.04	34.941	4.95	24.984	296.2	0.166		
85	15.07	34.573	1.03	2.18	23.	0.03	22.2	235.2	75	16.74	34.816	2.27	25.454	253.5	0.235		
100	14.03	34.734	0.55	2.28	30.	0.01	21.4	202.2	100	14.03	34.734	0.55	25.994	202.2	0.293		
130	13.12	34.765	0.55	2.65	33.	0.01	21.9	182.1	125	13.20	34.775	0.55	26.198	182.8	0.342		
156	12.82	34.773	0.35		35.	0.03	19.8	175.8	150	12.88	34.772	0.40	26.260	176.9	0.387		
180	12.38	34.786	0.28	2.56U	36.	0.12	20.6	166.6	200	11.97	34.776	0.27	26.439	159.9	0.474		
214	11.70	34.764	0.27	2.74	40.	0.04	22.3	155.9	250	11.18	34.733	0.23	26.954	149.0	0.554		
279	10.82	34.70	0.19		43.	0.06		144.9	300	10.52	34.685	0.17	26.635	141.3	0.630		
375	9.45	34.622	0.14	2.92	52.	0.01	24.5	128.6	400	9.12	34.607	0.14	26.810	124.7	0.770		
471	8.25	34.563	0.15		64.	0.04	22.3U	114.5	500	7.92	34.557	0.15	26.958	110.7	0.896		
600	6.91	34.531	0.17	3.01	79.	0.00		98.8	600	6.91	34.531	0.17	27.083	98.8	1.010		
749	5.70	34.521	0.23	3.01U	93.	0.01	35.6	84.6	700	6.05	34.522	0.21	27.190	88.7	1.113		
894	5.00	34.521	0.28	3.31	105.	0.00	40.3	76.6	800	5.42	34.521	0.25	27.267	81.4	1.208		
1100	4.24	34.544	0.39		120.	0.06		66.9	1000	4.57	34.531	0.33	27.373	71.4	1.381		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						157G130	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 32.0N		107 31.0W		2/19/72		2123		GMT	975M	310	8KT	2	310	2	2		
Z	T	S	U2	P04	S103	N02	N04	DT	Z	T	S	U2	SIGT	DT	DD		
0	20.45	34.92							0	20.45	34.92		24.601	334.7	0.000		
10	19.45	34.94							10	19.45	34.94		24.879	308.2	0.032		
20	19.26	34.96							20	19.26	34.96		24.943	302.1	0.063		
30	18.82	34.95							30	18.82	34.95		25.048	292.1	0.093		
50	17.70	35.04							50	17.70	35.04		25.395	259.1	0.148		
75	16.05	34.69							75	16.05	34.69		25.517	247.5	0.212		
100	13.65	34.66							100	13.65	34.66		26.016	200.1	0.268		
125	13.02	34.71							125	13.02	34.71		26.183	184.2	0.317		
150	12.43	34.74							150	12.43	34.74		26.323	170.9	0.362		
200	11.90	34.75							200	11.90	34.75		26.433	160.5	0.447		
250	11.35	34.71							250	11.35	34.71		26.505	153.6	0.529		
300	10.64	34.68							300	10.64	34.68		26.610	143.6	0.606		
400	9.24	34.60							400	9.24	34.60		26.787	126.9	0.749		
500	7.84	34.54							500	7.84	34.54		26.957	110.7	0.876		
600	6.95	34.52							600	6.95	34.52		27.069	100.2	0.991		
700	6.15	34.51							700	6.15	34.51		27.168	90.8	1.096		
800	5.63	34.53							800	5.63	34.53		27.250	83.1	1.193		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						157G150	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 43.0N		107 12.0W		2/20/72		0035		GMT	82M	330	8KT	1	310	1	2		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	SIGT	DT	DD		
0	19.71	34.98							0	19.71	34.98		24.842	311.7	0.000		
10	19.36	35.00							10	19.36	35.00		24.948	301.6	0.031		
20	18.86	35.03							20	18.86	35.03		25.098	287.3	0.060		
30	18.25	35.00							30	18.25	35.00		25.229	274.9	0.088		
50	15.00	34.50							50	15.00	34.50		25.606	239.1	0.140		

RV DAVID STARR JORDAN										CALCOFI CRUISE 7202						157G150	
LATITUDE		LONGITUDE		MO/DAY/YR		MESSENGER		TIME	BOTTOM	WIND	SPEED	WEATHER	DOMINANT WAVES				
23 43.0N		107 12.0W		2/20/72		0105		GMT	82M	330	8KT	1	310	1	2		
Z	T	S	U2	P04	S103	N02	N03	DT	Z	T	S	U2	SIGT	DT	DD		
1	19.51	34.957	6.00	0.79	2.	0.05	0.6	308.5	0	19.51	34.957	6.00	24.876	308.5	0.000		
12	19.14	34.948	5.99	0.76	2.	0.05	0.5	300.0	10	19.22	34.951	5.99	24.946	301.9	0.031		
22	18.63	34.929	5.26	1.01	3.	0.33	3.5	289.1	20	18.74	34.928	5.45	25.053	291.7	0.060		
32	18.19	35.024	4.15	1.57	8.	0.98	9.4	271.7	30	18.31	35.008	4.40	25.219	275.9	0.089		
51	14.65	34.769	0.86	2.60	26.	0.08	24.2	212.2	50	14.92	34.792	1.07	25.847	216.2	0.138		

## RV ALEXANDER AGASSIZ

## CALCOFT CRUISE 7202

## TLM METER DATA

					Z	T	S	O2	DT
60.050	02/27/72	0221GMT	37 57.5N	122 53.0W	10	10.72	33.239	8.13	251.4
		BOTTOM	45M	WIND 330 15KT					
				WEATHER 1					
				DOMINANT WAVES					
				310 03 03					
60.055	02/27/72	0600GMT	37 48.0N	123 15.5W	10	10.54	33.146	6.73	255.3
		BOTTOM	97M	WIND 070 08KT					
				WEATHER 4					
				DOMINANT WAVES					
				49					
60.065	02/27/72	1430GMT	37 25.5N	124 04.0W	10	11.20	32.964	4.21	278.4
		BOTTOM	3704M	WIND 200 07KT					
				WEATHER 2					
				DOMINANT WAVES					
				250 03 04					
63.050	02/26/72	2214GMT	37 23.5N	122 28.0W	10	11.54	33.282	7.82	262.2
		BOTTOM	26M	WIND 010 15KT					
				WEATHER 1					
				DOMINANT WAVES					
				290 02 04					
63.052	02/26/72	2014GMT	37 19.0N	122 36.5W	10	11.34	33.226	7.12	262.9
		BOTTOM	86M	WIND 090 08KT					
				WEATHER 4					
				DOMINANT WAVES					
				240 03 07					
63.055	02/26/72	1817GMT	37 13.0N	122 50.0W	10	11.80	33.472	6.57	252.8
		BOTTOM	288M	WIND 040 02KT					
				WEATHER 4					
				DOMINANT WAVES					
				230 02 05					
63.065	02/26/72	1107GMT	36 52.5N	123 32.0W	10	11.69	33.337	6.43	260.8
		BOTTOM	3268M	WIND 090 02KT					
				WEATHER					
				DOMINANT WAVES					
				49					
63.070	02/26/72	0657GMT	36 41.5N	123 56.0W	10	11.70	32.801	6.44	300.5
		BOTTOM	3870M	WIND 200 06KT					
				WEATHER					
				DOMINANT WAVES					
				49					
67.048	02/25/72	0130GMT	36 51.0N	122 00.5W	10	11.64	33.078	6.20	279.0
		BOTTOM	75M	WIND 290 15KT					
				WEATHER 1					
				DOMINANT WAVES					
				280 04 08					
67.055	02/25/72	0600GMT	36 38.5N	122 25.5W	10	11.39	33.168	5.65	268.0
		BOTTOM	2222M	WIND 340 05KT					
				WEATHER 1					
				DOMINANT WAVES					
67.065	02/25/72	2205GMT	36 19.0N	123 08.5W	10	11.70	33.457	6.70	252.1
		BOTTOM	2832M	WIND 320 08KT					
				WEATHER 2					
				DOMINANT WAVES					
				320 03 06					
67.070	02/26/72	0130GMT	36 08.0N	123 29.5W	10	11.76		6.29	
		BOTTOM	3493M	WIND 300 04KT					
				WEATHER 1					
				DOMINANT WAVES					
				280 05 08					
70.051	02/24/72	2010GMT	36 10.5N	121 46.0W	10	11.68		6.44	
		BOTTOM	403M	WIND 010 15KT					
				WEATHER 1					
				DOMINANT WAVES					
				280 04 09					

## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

## TEN METER DATA

					Z	T	S	02	0T
70.065	02/24/72	0715GMT	35 43.0N	122 45.0W	10	12.08	33.143	6.16	282.0
	BOTTOM 2456M WIND 310 06KT WEATHER DOMINANT WAVES 49								
70.070	02/24/72	0449GMT	35 33.0N	123 05.5W	10	11.82	32.981	6.49	289.3
	BOTTOM 3830M WIND 360 06KT WEATHER 0 DOMINANT WAVES 49								
70.090	02/23/72	1415GMT	34 53.0N	124 30.0W	10	12.42	32.911	5.99	305.3
	BOTTOM 4212M WIND 260 08KT WEATHER 1 DOMINANT WAVES 290 08 09								
73.050	02/22/72	0806GMT	35 37.0N	121 17.5W	10	11.51	33.526	6.04	243.7
	BOTTOM 104M WIND 090 06KT WEATHER 6 DOMINANT WAVES 49								
73.053	02/22/72	1114GMT	35 31.5N	121 28.5W	10	11.84	33.508	6.53	250.9
	BOTTOM 744M WIND 020 07KT WEATHER 4 DOMINANT WAVES 49								
73.065	02/22/72	2020GMT	35 06.0N	122 20.5W	10	12.51	33.339	5.69	275.4
	BOTTOM 4014M WIND 170 08KT WEATHER 4 DOMINANT WAVES 290 10 09								
73.070	02/22/72	2314GMT	34 57.0N	122 41.0W	10	11.55	32.908	6.33	290.0
	BOTTOM 4053M WIND 200 04KT WEATHER 1 DOMINANT WAVES 220 08 07								
73.080	02/23/72	0343GMT	34 38.5N	123 21.5W	10	11.61	32.849	6.46	295.4
	BOTTOM 4147M WIND 020 07KT WEATHER DOMINANT WAVES 49								
73.090	02/23/72	0930GMT	34 19.0N	123 04.0W	10	12.60	32.937	6.29	306.6
	BOTTOM 3775M WIND 280 11KT WEATHER 0 DOMINANT WAVES 280 08 08								
77.048	02/17/72	1908GMT	35 08.0N	120 43.0W	10	11.32	33.567	5.95	237.4
	BOTTOM 24M WIND 210 10KT WEATHER 4 DOMINANT WAVES 300 02 09								
77.055	02/17/72	1330GMT	34 54.5N	121 12.5W	10	11.56	33.409	6.29	253.2
	BOTTOM 558M WIND 020 11KT WEATHER 0 DOMINANT WAVES 49								
77.065	02/17/72	0620GMT	34 33.0N	121 54.0W	10	12.93	33.377	6.11	280.4
	BOTTOM 3918M WIND 340 18KT WEATHER DOMINANT WAVES								
77.070	02/17/72	0151GMT	34 25.0N	122 15.0W	10	12.39	33.342	6.37	273.0
	BOTTOM 3957M WIND 350 18KT WEATHER 1 DOMINANT WAVES 340 11 06								

## RV ALEXANDER AGASSIZ

## CALCOFT CRUISE 7202

## THERMETER DATA

						Z	T	S	02	DT
77.080	02/16/72	2003GMT	34 05.0M	122 56.0W		10	11.26	32.949	6.48	282.0
		BOTTOM	4241M	WIND 350 14KT	WEATHER 1					
			DOMINANT WAVES	340 11 06						
77.090	02/16/72	1425GMT	33 45.5M	123 39.0W		10	11.60	32.926	6.37	289.5
		BOTTOM	4864M	WIND 360 23KT	WEATHER 1					
			DOMINANT WAVES	360 10 05						
80.051	02/13/72	1045GMT	34 26.0M	120 32.5W		10	12.49	33.360	6.33	273.5
		BOTTOM	101M	WIND 310 10KT	WEATHER					
			DOMINANT WAVES	49						
80.053	02/13/72	0725GMT	34 22.5M	120 40.5W		10	12.34	33.376	6.35	269.6
		BOTTOM	491M	WIND 320 15KT	WEATHER 0					
			DOMINANT WAVES	49						
80.055	02/13/72	0536GMT	34 19.0M	120 48.5W		10	12.00	33.580	6.37	248.4
		BOTTOM	796M	WIND 330 20KT	WEATHER 0					
			DOMINANT WAVES							
80.070	02/12/72	0520GMT	33 49.0M	121 51.0W		10	11.54	33.248	6.59	264.7
		BOTTOM	3657M	WIND 350 15KT	WEATHER					
			DOMINANT WAVES	49						
80.080	02/11/72	1435GMT	33 26.0M	122 31.0W		10	11.57	33.169	6.56	271.1
		BOTTOM	3977M	WIND 140 03KT	WEATHER 1					
			DOMINANT WAVES	240 08 10						
82.047	02/13/72	1353GMT	34 15.0M	119 59.0W		10	12.66	33.516	6.60	265.2
		BOTTOM	565M	WIND 150 04KT	WEATHER 0					
			DOMINANT WAVES	49						
83.040	02/13/72	1950GMT	34 13.5M	119 22.0W		10	12.56	33.517	6.82	263.2
		BOTTOM	22M	WIND 300 04KT	WEATHER 0					
			DOMINANT WAVES	270 03 06						
83.051	02/13/72	0034GMT	33 52.0M	120 07.5W		10	12.62	33.480	6.40	267.1
		BOTTOM	108M	WIND 310 18KT	WEATHER 0					
			DOMINANT WAVES	310 02 05						
83.055	02/12/72	2126GMT	33 44.0M	120 25.0W		10	12.38	33.464	6.43	262.4
		BOTTOM	999M	WIND 350 10KT	WEATHER 0					
			DOMINANT WAVES	310 07 09						
83.070	02/12/72	0030GMT	33 14.5M	121 26.0W		10	13.09	33.290	6.30	289.8
		BOTTOM	3545M	WIND 360 08KT	WEATHER 1					
			DOMINANT WAVES	320 10 09						
83.080	02/11/72	1930GMT	32 53.0M	122 08.0W		10	12.20	33.279	6.51	274.2
		BOTTOM	4193M	WIND 050 09KT	WEATHER 1					
			DOMINANT WAVES	350 05 08						



## RV ALEXANDER AGASSIZ

## CALCOFI CRUISE 7202

## TEN METER DATA

					Z	T	S	O2	DT
83.090	02/11/72	0300GMT	32 36.5N	122 54.0W	10	12.65	33.262	6.37	283.7
		BOTTOM	4116M	WIND 070 09KT					
				WEATHER 1					
			DOMINANT WAVES 49						
90.032	02/09/72	0156GMT	33 20.5N	118 02.5W	10	12.92	33.474		273.1
		BOTTOM	741M	WIND 290 04KT					
				WEATHER 4					
			DOMINANT WAVES 270 03 10						
90.045	02/09/72	1157GMT	32 55.0N	118 56.0W	10	12.11	33.527	6.26	254.3
		BOTTOM	1692M	WIND 280 07KT					
				WEATHER					
			DOMINANT WAVES						
90.053	02/09/72	1745GMT	32 38.5N	119 28.0W	10	12.64	33.440	6.31	270.4
		BOTTOM	1276M	WIND 290 06KT					
				WEATHER 2					
			DOMINANT WAVES 330 04 10						
90.070	02/10/72	0448GMT	32 06.0N	120 36.5W	10	13.06	33.274	6.32	290.4
		BOTTOM	3641M	WIND 120 04KT					
				WEATHER					
			DOMINANT WAVES 49						
90.090	02/10/72	1735GMT	31 21.0N	121 58.0W	10	13.90	33.424	6.12	295.6
		BOTTOM	3737M	WIND 110 08KT					
				WEATHER 1					
			DOMINANT WAVES 270 07 08						



## RV ALASKA

## CALCOFI CRUISE 7202

## TEN METER DATA

						Z	T	S	02	DT
93.035	02/13/72	1706GMT	32	40.5N	117 51.5W	10	13.19	33.465		278.9
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.040	02/13/72	1219GMT	32	30.0N	118 11.0W	10	13.44	33.475		282.9
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.045	02/13/72	0809GMT	32	20.0N	118 32.0W	10	13.83	33.428		293.9
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.050	02/13/72	0414GMT	32	10.0N	118 52.5W	10	13.78	33.437		292.3
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.055	02/13/72	0026GMT	32	00.0N	119 13.0W	10	13.97	33.362		301.5
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.060	02/12/72	2130GMT	31	50.0N	119 34.0W	10	13.50	33.430		287.4
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.070	02/12/72	1455GMT	31	30.0N	120 13.0W	10	13.51	33.411		289.0
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.080	02/12/72	0836GMT	31	10.0N	120 54.0W	10	13.49	33.316		295.6
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.090	02/12/72	0503GMT	30	50.0N	121 34.5W	10	13.99	33.390		299.9
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.100	02/11/72	2049GMT	30	30.0N	121 13.0W	10	14.48	33.538		298.8
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.110	02/11/72	1502GMT	30	08.0N	122 55.0W	10	15.03	33.619		304.1
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
93.120	02/11/72	0855GMT	29	48.5N	123 34.0W	10	14.28	33.416		303.7
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								
97.029	02/15/72	0810GMT	32	17.5N	117 04.5W	10	12.40	33.545		258.2
		BOTTOM	M	WIND	KT WEATHER					
		DOMINANT WAVES								



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## THERMETER DATA

						Z	T	S	02	0T
103.035	02/18/72	2309GMT	30	56.0N	116 45.0W	10	13.97	33.429		296.6
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.040	02/18/72	1950GMT	30	47.0N	117 06.0W	10	13.94	33.421		296.6
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.045	02/18/72	1456GMT	30	35.0N	117 24.0W	10	14.16	33.429		300.4
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.050	02/18/72	1118GMT	30	26.0N	117 44.0W	10	14.07	33.443		297.6
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.055	02/18/72	0727GMT	30	14.0N	118 05.0W	10	14.64	33.534		302.4
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.060	02/18/72	0341GMT	30	06.0N	118 25.0W	10	14.78	33.568		302.7
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.070	02/17/72	2240GMT	29	46.5N	119 04.0W	10	15.51	33.676		310.0
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
103.080	02/17/72	1515GMT	29	26.0N	119 43.0W	10	15.50	33.660		309.5
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
107.031	02/19/72	0755GMT	30	28.0N	116 07.0W	10	13.11	33.488		275.7
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
107.032	02/19/72	0908GMT	30	26.0N	116 11.5W	10	13.44	33.462		283.9
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
107.035	02/19/72	1211GMT	30	21.5N	116 22.5W	10	13.91	33.439		294.7
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
107.040	02/19/72	1553GMT	30	10.0N	116 42.0W	10	14.68	33.560		301.3
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									
107.050	02/19/72	2152GMT	29	50.0N	117 22.0W	10	14.29	33.459		300.8
	BOTTOM	M WIND		KT WEATHER						
	DOMINANT WAVES									





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## THERMETER DATA

						Z	T	S	02	DT
117.026	02/23/72	0052GMT	28	56.0N	114 41.5W	10	14.71	33.674		293.5
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.030	02/23/72	0320GMT	28	48.0N	114 56.5W	10	14.80	33.702		293.3
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.035	02/23/72	0650GMT	28	38.0N	115 16.0W	10	14.02	33.600		285.1
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.040	02/24/72	2153GMT	28	28.0N	115 35.5W	10	14.12	33.597		287.3
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.045	02/25/72	0053GMT	28	18.0N	115 56.0W	10	14.30	33.619		289.3
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.050	02/25/72	0518GMT	28	08.0N	116 15.0W	10	14.48	33.628		292.2
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.060	02/25/72	1110GMT	27	48.0N	116 53.0W	10	15.68	33.749		308.3
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.070	02/25/72	1656GMT	27	24.5N	117 31.5W	10	15.09	33.671		301.6
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
117.080	02/25/72	2230GMT	27	08.0N	118 09.5W	10	14.88	33.537		307.0
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								
118.039	02/24/72	1804GMT	28	18.5N	115 23.5W	10	14.50	33.686		288.4
		BOTTOM		M WIND	KT WEATHER					
		DOMINANT WAVES								

					Z	T	S	02	DT
100.029	02/01/72	1002GMT	31 42.0N	116 43.5W	10	12.20	33.515		256.8
		BOTTOM	99M WIND	00KT WEATHER 0					
		DOMINANT WAVES							
100.035	02/01/72	1530GMT	31 30.5N	117 07.0W	10	13.22	33.470		279.1
		BOTTOM	1276M WIND	220 04KT WEATHER 2					
		DOMINANT WAVES							
100.050	02/01/72	2353GMT	31 01.5N	118 06.0W	10	14.02	33.423		298.0
		BOTTOM	1485M WIND	220 07KT WEATHER 2					
		DOMINANT WAVES 280 01 07							
100.070	02/02/72	1310GMT	30 20.0N	119 27.0W	10	14.33	33.520		297.1
		BOTTOM	3451M WIND	320 09KT WEATHER					
		DOMINANT WAVES							
100.090	02/02/72	2359GMT	29 40.5N	120 48.0W	10	13.95	33.443		295.2
		BOTTOM	3926M WIND	110 06KT WEATHER 1					
		DOMINANT WAVES 350 01 05							
110.032	02/04/72	2200GMT	29 51.0N	115 49.5W	10	13.00	33.610		264.6
		BOTTOM	45M WIND	280 08KT WEATHER 1					
		DOMINANT WAVES 280 01 05							
110.035	02/04/72	2000GMT	29 46.0N	116 00.0W	10	13.80	33.672		275.5
		BOTTOM	1206M WIND	280 08KT WEATHER 1					
		DOMINANT WAVES 280 01 05							
110.045	02/04/72	1140GMT	29 27.0N	116 39.0W	10	13.93	33.514		289.6
		BOTTOM	427M WIND	350 09KT WEATHER					
		DOMINANT WAVES							
110.050	02/04/72	0900GMT	29 17.5N	116 59.0W	10	13.72	33.423		292.2
		BOTTOM	3357M WIND	360 10KT WEATHER					
		DOMINANT WAVES							
110.055	02/04/72	0453GMT	29 06.0N	117 19.0W	10	13.92	33.419		296.4
		BOTTOM	3357M WIND	320 07KT WEATHER					
		DOMINANT WAVES							
110.070	02/03/72	1804GMT	28 30.5N	118 18.0W	10	15.04	33.592		306.3
		BOTTOM	3545M WIND	240 10KT WEATHER 1					
		DOMINANT WAVES 060 02 05							
119.033	02/05/72	1442GMT	28 19.0N	114 53.0W	10	14.06	33.681		279.9
		BOTTOM	110M WIND	340 10KT WEATHER					
		DOMINANT WAVES							
120.024	02/05/72	0837GMT	28 24.0N	114 10.5W	10	13.90	33.736		272.7
		BOTTOM	34M WIND	320 08KT WEATHER					
		DOMINANT WAVES							

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					Z	T	S	02	DT
120.025	02/05/72	0945GMT	28 22.5N	114 15.0W	10	13.88	33.688		275.9
		BOTTOM	52M	WIND 050 05KT					
			DOMINANT WAVES						
120.030	02/05/72	1156GMT	28 13.0N	114 34.0W	10	13.96	33.703		276.3
		BOTTOM	93M	WIND 220 08KT					
			DOMINANT WAVES						
120.035	02/05/72	1642GMT	28 03.0N	114 54.0W	10	13.98	33.673		278.9
		BOTTOM	80M	WIND 140 12KT					
			DOMINANT WAVES 140 01 05						
120.040	02/05/72	1847GMT	27 56.5N	115 14.0W	10	14.28	33.682		284.2
		BOTTOM	43M	WIND 300 09KT					
			DOMINANT WAVES 300 02 06						
120.050	02/06/72	0136GMT	27 32.5N	115 52.5W	10	15.46	33.682		308.5
		BOTTOM	3737M	WIND 350 08KT					
			DOMINANT WAVES 350 01 06						
120.070	02/06/72	1409GMT	26 53.0N	117 09.0W	10	15.36	33.627		310.4
		BOTTOM	4116M	WIND 360 07KT					
			DOMINANT WAVES						
123.036	02/07/72	1813GMT	27 26.0N	114 36.0W	10	14.86	33.683		295.9
		BOTTOM	52M	WIND 070 03KT					
			DOMINANT WAVES 270 03 05						
123.037	02/07/72	1723GMT	27 24.0N	114 40.0W	10	15.05	33.695		299.0
		BOTTOM	69M	WIND 330 10KT					
			DOMINANT WAVES 310 05 05						
123.042	02/07/72	1445GMT	27 14.0N	114 59.0W	10	14.56	33.665		291.1
		BOTTOM	1809M	WIND 340 18KT					
			DOMINANT WAVES 340 05 05						
123.045	02/07/72	1300GMT	27 08.0N	115 11.5W	10	14.68	33.627		296.4
		BOTTOM	4308M	WIND 340 18KT					
			DOMINANT WAVES						
123.050	02/07/72	1018GMT	26 58.0N	115 30.0W	10	15.20	33.671		303.9
		BOTTOM	3357M	WIND 350 20KT					
			DOMINANT WAVES						
123.060	02/07/72	0505GMT	26 38.0N	116 09.0W	10	15.62	33.718		309.3
		BOTTOM	3926M	WIND 340 14KT					
			DOMINANT WAVES						
127.033	02/07/72	2226GMT	26 57.5N	114 02.5W	10	15.30	33.724		302.1
		BOTTOM	65M	WIND 270 13KT					
			DOMINANT WAVES 270 03 03						

					Z	T	S	02	DT
127.034	02/07/72	2328GMT	26 55.5N	114 06.0W	10	15.82	33.819		306.2
		BOTTOM	45M	WIND 260 07KT					
				WEATHER 1					
				DOMINANT WAVES 260 05 05					
127.040	02/08/72	0243GMT	26 43.5N	114 29.0W	10	15.05	33.681		299.6
		BOTTOM	2980M	WIND 310 18KT					
				WEATHER					
				DOMINANT WAVES					
127.045	02/08/72	0512GMT	26 33.0N	114 48.0W	10	15.75	33.790		306.8
		BOTTOM	3357M	WIND 320 20KT					
				WEATHER					
				DOMINANT WAVES					
127.050	02/08/72	0808GMT	26 23.0N	115 08.0W	10	16.14	33.953		303.3
		BOTTOM	4116M	WIND 320 24KT					
				WEATHER					
				DOMINANT WAVES					
127.060	02/08/72	1305GMT	26 04.0N	115 47.0W	10	15.64	33.809		303.0
		BOTTOM	3926M	WIND 060 19KT					
				WEATHER					
				DOMINANT WAVES					
130.030	02/09/72	0947GMT	26 29.0N	113 29.0W	10	16.77	34.280		293.3
		BOTTOM	80M	WIND 090 04KT					
				WEATHER					
				DOMINANT WAVES					
130.035	02/09/72	0710GMT	26 19.0N	113 48.0W	10	16.30	34.179		290.3
		BOTTOM	632M	WIND 360 10KT					
				WEATHER					
				DOMINANT WAVES					
130.050	02/08/72	2320GMT	25 49.5N	114 46.0W	10	17.57	34.197		317.5
		BOTTOM	3357M	WIND 340 10KT					
				WEATHER 1					
				DOMINANT WAVES 340 03 04					
133.023	02/09/72	1520GMT	26 08.5N	112 40.0W	10	17.58	34.423		301.2
		BOTTOM	75M	WIND 120 07KT					
				WEATHER 2					
				DOMINANT WAVES 120 02 03					
133.025	02/09/72	1648GMT	26 05.0N	112 48.0W	10	17.72	34.437		303.4
		BOTTOM	82M	WIND 140 10KT					
				WEATHER 2					
				DOMINANT WAVES 130 02 03					
133.030	02/09/72	1910GMT	25 55.0N	113 08.0W	10	17.84	34.228		321.4
		BOTTOM	205M	WIND 170 10KT					
				WEATHER 2					
				DOMINANT WAVES 170 02 03					
133.035	02/09/72	2222GMT	25 45.0N	113 26.5W	10	17.12	34.070		316.5
		BOTTOM	742M	WIND 270 06KT					
				WEATHER 2					
				DOMINANT WAVES 270 03 05					
133.040	02/10/72	0123GMT	25 32.5N	113 45.5W	10	19.14	34.480		334.0
		BOTTOM	1856M	WIND 360 04KT					
				WEATHER 2					
				DOMINANT WAVES 360 01 06					



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					Z	T	S	02	DT
133.050	02/10/72	0609GMT	25 14.0N	114 24.0W	10	18.38	34.379		323.1
		BOTTOM	3737M	WIND 300 06KT					
				DOMINANT WAVES					
133.060	02/10/72	1322GMT	24 53.5N	115 02.0W	10	17.18	34.138		312.9
		BOTTOM	3926M	WIND 360 02KT					
				DOMINANT WAVES					
137.022	02/11/72	1334GMT	25 36.0N	112 15.0W	10	18.18	34.455		312.9
		BOTTOM	54M	WIND 040 02KT					
				DOMINANT WAVES					
137.030	02/11/72	0923GMT	25 20.0N	112 45.5W	10	18.01	34.309		319.5
		BOTTOM	457M	WIND 020 03KT					
				DOMINANT WAVES					
137.035	02/11/72	0653GMT	25 11.0N	113 05.0W	10	17.38	34.103		319.9
		BOTTOM	1485M	WIND 00KT					
				DOMINANT WAVES					
137.050	02/10/72	2320GMT	24 39.5N	114 02.0W	10	19.70	34.368		355.9
		BOTTOM	2980M	WIND 330 02KT					
				DOMINANT WAVES					
140.035	02/11/72	2246GMT	24 35.5N	112 42.5W	10	19.35	34.495		338.0
		BOTTOM	558M	WIND 040 02KT					
				DOMINANT WAVES 49					
140.045	02/12/72	0528GMT	24 15.0N	113 21.0W	10	19.73	34.395		354.7
		BOTTOM	3451M	WIND 350 01KT					
				DOMINANT WAVES					
140.050	02/12/72	0827GMT	24 05.0N	113 40.0W	10	20.32	34.463		364.5
		BOTTOM	3169M	WIND 020 04KT					
				DOMINANT WAVES					
140.055	02/12/72	1037GMT	23 56.0N	113 58.5W	10	20.11	34.425		362.0
		BOTTOM	3169M	WIND 020 05KT					
				DOMINANT WAVES					
143.035	02/13/72	0937GMT	24 02.0N	112 20.5W	10	19.58	34.530		341.2
		BOTTOM	1485M	WIND 340 08KT					
				DOMINANT WAVES					
143.045	02/13/72	0319GMT	23 40.5N	112 59.0W	10	20.42	34.632		354.8
		BOTTOM	3451M	WIND 330 06KT					
				DOMINANT WAVES					
143.050	02/13/72	0030GMT	23 30.5N	113 18.0W	10	20.37	34.555		359.1
		BOTTOM	2885M	WIND 360 06KT					
				DOMINANT WAVES 360 02 03					

					Z	T	S	C <sub>2</sub>	DT
143.055	02/12/72	2140GMT	23 19.5N	113 36.0W	10	20.55	34.361		377.7
	BOTTOM 3737M WIND 020 05KT WEATHER 2								
	DOMINANT WAVES 020 02 03								
143.060	02/12/72	1852GMT	23 10.0N	113 55.0W	10	20.62	34.471		371.5
	BOTTOM 3737M WIND 00KT WEATHER 1								
	DOMINANT WAVES								
147.030	02/14/72	0331GMT	23 33.5N	111 41.5W	10	21.10	34.651		370.8
	BOTTOM 464M WIND 300 10KT WEATHER								
	DOMINANT WAVES								
147.040	02/14/72	0956GMT	23 16.5N	112 18.5W	10	20.50	34.631		356.9
	BOTTOM 3357M WIND 330 10KT WEATHER								
	DOMINANT WAVES								
147.045	02/14/72	1202GMT	23 05.5N	112 37.5W	10	20.46	34.621		356.6
	BOTTOM 3737M WIND 330 10KT WEATHER								
	DOMINANT WAVES								
147.050	02/14/72	1542GMT	22 56.5N	112 55.5W	10	20.08	34.438		360.3
	BOTTOM 3169M WIND 350 03KT WEATHER 2								
	DOMINANT WAVES 350 01 05								
147.055	02/14/72	1743GMT	22 46.0N	113 15.0W	10	20.93	34.630		368.0
	BOTTOM 3545M WIND 270 02KT WEATHER 2								
	DOMINANT WAVES 270 02 09								
150.019	02/16/72	0321GMT	23 24.0N	110 38.0W	10	20.62	34.694		355.4
	BOTTOM 279M WIND 310 24KT WEATHER								
	DOMINANT WAVES								
150.030	02/15/72	2039GMT	23 02.0N	111 22.0W	10	20.87	34.566		371.1
	BOTTOM 2790M WIND 310 15KT WEATHER 1								
	DOMINANT WAVES 310 05 05								
150.035	02/15/72	1723GMT	22 52.0N	111 38.0W	10		34.607		
	BOTTOM 3357M WIND 340 12KT WEATHER 1								
	DOMINANT WAVES 340 04 03								
150.045	02/15/72	1052GMT	22 32.0N	112 16.0W	10	21.32	34.613		379.3
	BOTTOM 3357M WIND 330 10KT WEATHER								
	DOMINANT WAVES								
150.050	02/15/72	0844GMT	22 24.0N	112 33.0W	10	21.38	34.618		386.5
	BOTTOM 3451M WIND 340 07KT WEATHER								
	DOMINANT WAVES								
150.055	02/15/72	0543GMT	22 12.0N	112 53.0W	10	20.97	34.575		373.0
	BOTTOM 3545M WIND 310 02KT WEATHER								
	DOMINANT WAVES								

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					Z	T	S	02	DT
150.060	02/15/72	0154GMT	22 01.0N	113 12.0W	10	20.48	34.332		378.0
		BOTTOM	3737M	WIND 320 06KT					
				WEATHER 2					
				DOMINANT WAVES					
				320 01 03					
153.016	02/16/72	0758GMT	22 55.0N	110 07.5W	10	21.44	34.626		381.5
		BOTTOM	3716M	WIND 330 19KT					
				WEATHER					
				DOMINANT WAVES					
153.025	02/16/72	1414GMT	22 37.0N	110 39.0W	10	20.77	34.591		366.7
		BOTTOM	2602M	WIND 350 10KT					
				WEATHER 1					
				DOMINANT WAVES					
153.035	02/16/72	2133GMT	22 17.0N	111 17.0W	10	22.31	34.565		409.0
		BOTTOM	2980M	WIND 330 12KT					
				WEATHER 1					
				DOMINANT WAVES					
				330 04 05					
153.040	02/17/72	0017GMT	22 07.0N	111 36.5W	10	22.08	34.549		404.0
		BOTTOM	4116M	WIND 350 13KT					
				WEATHER 1					
				DOMINANT WAVES					
				350 04 05					
153.045	02/17/72	0328GMT	21 57.0N	111 55.0W	10	21.38	34.616		380.7
		BOTTOM	3357M	WIND 360 10KT					
				WEATHER					
				DOMINANT WAVES					
153.055	02/17/72	0915GMT	21 36.5N	112 31.5W	10	20.33	34.240		380.9
		BOTTOM	3641M	WIND 320 07KT					
				WEATHER					
				DOMINANT WAVES					
153.060	02/17/72	1217GMT	21 27.0N	112 50.5W	10	20.36	34.324		375.6
		BOTTOM	3834M	WIND 350 12KT					
				WEATHER					
				DOMINANT WAVES					
157.010	02/19/72	0053GMT	22 32.0N	109 23.0W	10	21.02	34.679		366.8
		BOTTOM	2980M	WIND 080 07KT					
				WEATHER 0					
				DOMINANT WAVES					
				080 04 04					
157.015	02/18/72	2147GMT	22 22.5N	109 42.0W	10	21.42	34.795		368.8
		BOTTOM	3169M	WIND 070 04KT					
				WEATHER 0					
				DOMINANT WAVES					
				070 03 04					
157.025	02/18/72	1452GMT	22 02.5N	110 19.0W	10	21.04	34.586		374.0
		BOTTOM	3263M	WIND 360 12KT					
				WEATHER 0					
				DOMINANT WAVES					
				360 02 03					
157.030	02/18/72	1145GMT	21 52.5N	110 37.5W	10	22.01	34.525		403.9
		BOTTOM	3169M	WIND 340 10KT					
				WEATHER					
				DOMINANT WAVES					
157.040	02/18/72	0523GMT	21 32.5N	111 14.5W	10	22.23	34.613		403.4
		BOTTOM	3357M	WIND 330 04KT					
				WEATHER					
				DOMINANT WAVES					

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157.045	02/18/72	0223GMT	21	22.5N	111	33.0W	
	BOTTOM	3075M		WIND 310	11KT	WEATHER	
	DOMINANT WAVES						
157.050	02/17/72	2356GMT	21	12.5N	111	51.5W	
	BOTTOM	3263M		WIND 270	06KT	WEATHER 0	
	DOMINANT WAVES 270 04 03						
157.055	02/17/72	2050GMT	21	02.0N	112	10.5W	
	BOTTOM	3545M		WIND 310	03KT	WEATHER 0	
	DOMINANT WAVES 310 02 03						
1570.025	02/19/72	0252GMT	22	40.0N	109	10.0W	
	BOTTOM	3075M		WIND 310	10KT	WEATHER	
	DOMINANT WAVES						
1570.055	02/19/72	0930GMT	22	55.5N	108	41.0W	
	BOTTOM	3169M		WIND 350	08KT	WEATHER	
	DOMINANT WAVES						
1570.070	02/19/72	1216GMT	23	02.5N	108	27.0W	
	BOTTOM	2602M		WIND 330	09KT	WEATHER	
	DOMINANT WAVES						
1570.085	02/19/72	1407GMT	23	09.5N	108	13.0W	
	BOTTOM	2790M		WIND 320	06KT	WEATHER 0	
	DOMINANT WAVES 320 02 03						
1570.115	02/19/72	1934GMT	23	26.0N	107	45.0W	
	BOTTOM	1669M		WIND 330	06KT	WEATHER 0	
	DOMINANT WAVES 330 01 02						
1570.130	02/19/72	2202GMT	23	32.0N	107	31.0W	
	BOTTOM	975M		WIND 310	08KT	WEATHER 1	
	DOMINANT WAVES 310 01 02						
			10	21.75	34.503		390.0
			10	22.76	34.592		419.2
			10	22.57	34.597		413.7
			10	21.42	34.871		363.3
			10	21.17	34.616		375.2
			10	20.50	34.117		317.6
			10	20.68	34.826		347.4
			10	21.54	34.953		360.5
			10	19.58	34.949		310.8

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