

PB249487



U.S. DEPARTMENT OF COMMERCE

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NOAA TECHNICAL REPORT ERL 344-AOML 20

Oceanographic Conditions in the Caribbean Sea During the Summer of 1971

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1975

C55. 13: ERL 344-AOML 20



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OCEANOGRAPHIC CONDITIONS IN THE CARIBBEAN SEA DURING THE SUMMER OF 1971

John B. Hazelworth
Robert B. Starr

The NOAA ship Discoverer conducted a physical oceanographic program in the Caribbean Sea as part of CICAR (Cooperative Investigation of the Caribbean and Adjacent Regions) in July, August, and September 1971. The primary objective of the Discoverer cruise was to investigate the dynamics of the formation of the Yucatan Current. This report describes the measurements taken and the methods applied to correct and analyze the hydrographic station data. It also makes the results of these data available to other researchers who are working on problems in the Caribbean.

Key Words: Discoverer, STD Data, CICAR, Caribbean Sea, Oceanographic Observations

1. INTRODUCTION

Scientists from the Atlantic Oceanographic and Meteorological Laboratories (AOML) of the National Oceanic and Atmospheric Administration (NOAA) conducted a two-ship investigation in the northwestern Caribbean Sea (Cayman Sea) and southern Gulf of Mexico during July, August, and September 1971. Additionally, stations were occupied and data taken through the Windward Passage and across the eastern end of the Caribbean Sea. The study was undertaken as part of the Declared National Program, CICAR (Cooperative Investigation of the Caribbean and Adjacent Regions), a program of the Intergovernmental Oceanographic Commission. Many of the stations were occupied on standard sections, defined for this international program.

Two ships of the NOAA National Ocean Survey were used in the AOML investigation. The NOAA ship Discoverer occupied hydrographic stations in the Caribbean Sea and planted and recovered deep-sea tide gages and current meters. The NOAA ship Researcher collected both Lagrangian current data and density data in the Caribbean Sea and the Gulf of Mexico. The results of the Researcher data collection program have been reported by Molinari (1973). The primary objectives of the study were to investigate the formation of the Yucatan Current and to map the distribution of various chemical elements.

This report provides salinity-temperature-density (STD) measurements and data taken by the Discoverer during July, August, and September 1971. The sections that follow describe the collection and analytical procedures applied and present some preliminary description of the results. These sections are presented to inform other users of these data, to describe the

methods used to analyze and correct the data before the measurements were submitted to the National Oceanographic Data Center (NODC) of the NOAA Environmental Data Service, and to interrelate the results. Water samples were also collected and analyzed for nutrient content, but these results will be the subject of a separate report. Expendable bathythermograph (XBT) data were also collected by both the Researcher and Discoverer and are on file at the NODC.

2. DATA COLLECTION

Two cruises of the CICAR program were completed by the Discoverer during 1971. The first one was run from July 18 to August 20. During this cruise, designated as RP9, 97 STD casts were made. The cruise track and positions of the STD casts are given in figure 1. The second cruise, designated as RP11, was run from September 10 to September 19. During the second cruise, 22 STD casts were taken in an area farther east of the first cruise. The cruise track and positions of the STD stations are given in figure 2.

Temperature and salinity measurements were made while the Discoverer stopped on station, using the Plessey STD model 9006. Attached on the side of the STD cage was a General Oceanics Rosette Multi-Sampler. During each cast, nine water samples were taken. Ordinarily, the STD was lowered to 2,000 meters, depth permitting. On the return to the surface, water samples were collected at 2,000 and 15,000 meters and at the 6°, 10°, 13°, 16°, 18°, 22°, and 26°C isotherms. For depth and temperature checks, reversing thermometers were attached to four of the Niskin bottles. At the completion of a cast, water samples were drawn for measurement of salinity and oxygen. Additional water samples were drawn and then frozen. At the completion of the cruise, the frozen samples were returned to Miami where they were analyzed for nutrient content.

During the cast, the raw data were recorded in frequency count on magnetic tape. Simultaneously, the raw data were fed to the computer, translations into engineering units made, calibrations applied, and data recorded on punched paper tape and typewriter printouts.

3. NAVIGATION

Satellite navigation was the primary position determination system used on board the Discoverer. The system was inoperative from July 22 to 27. On the average, about 16 fixes a day could be obtained with this system. Loran A and Omega were available as backup. Although Loran A coverage is poor in most of the area, the Omega worked well; and fixes were normally taken at 15-minute intervals. The agreement between the satellite and Omega fixes was generally on the order of 1 mile.

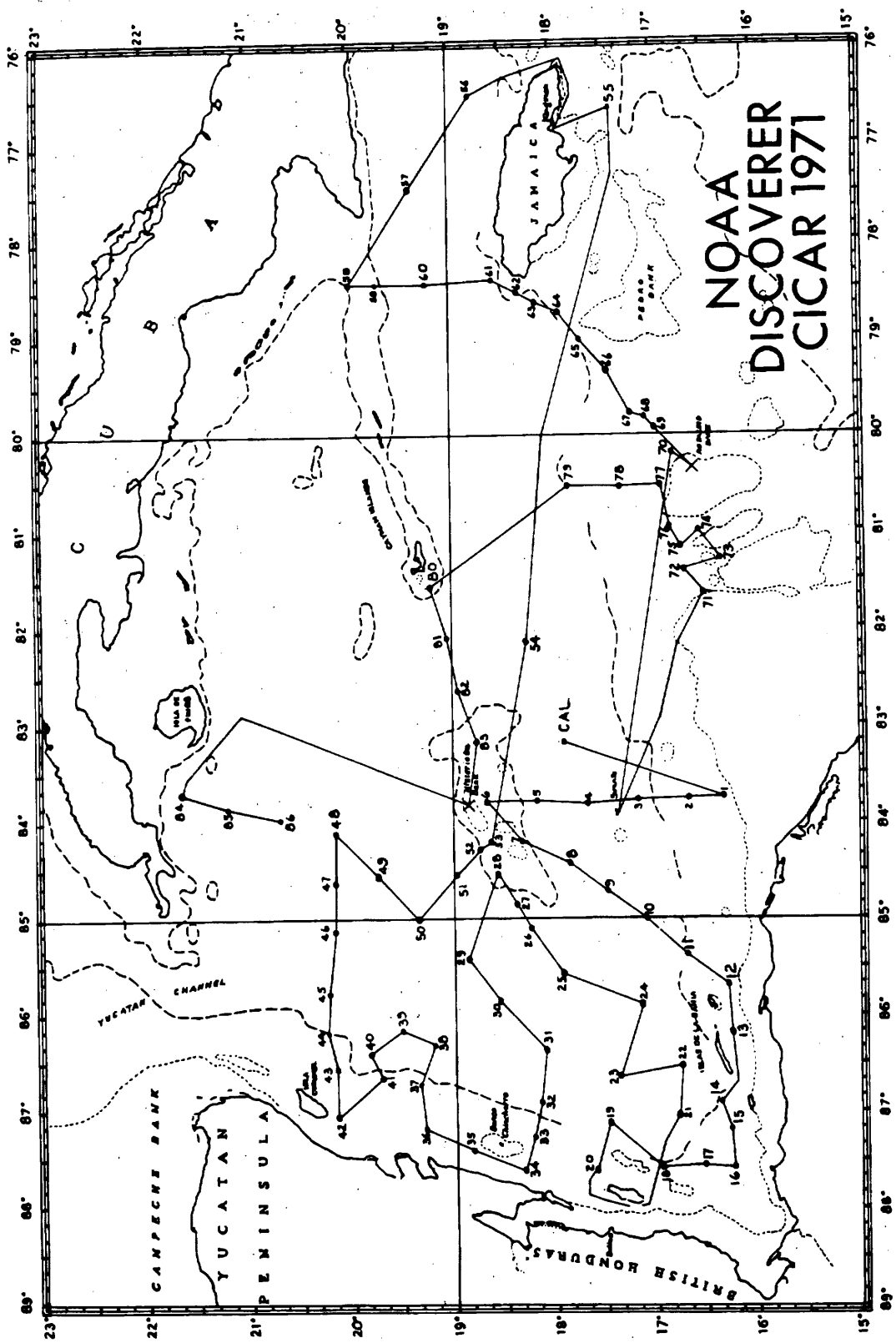


Figure 1. Discoverer cruise track and STD station location for RP9.

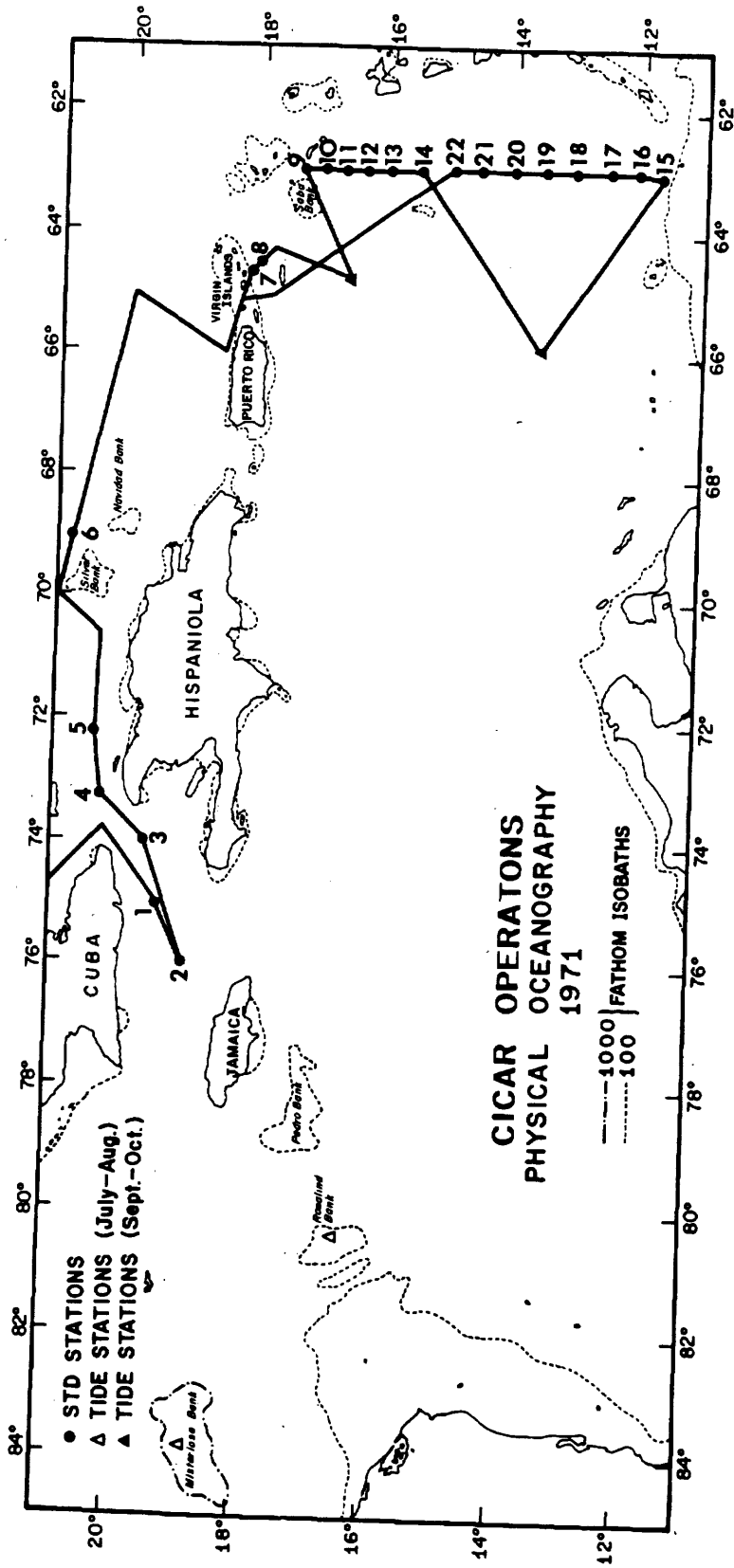


Figure 2. Discoverer cruise track and STD station location for R/P11.

4. DENSITY DATA

Standard physical oceanographic procedures, as outlined in the U.S. Naval Oceanographic Office Publ. No. 607 (1968), were used to correct the reversing thermometers for computations of temperature and depth. Salinity samples were analyzed on an inductive salinometer.

Mean differences were computed between the temperature and depth as recorded by the reversing thermometer and simultaneously as recorded by the STD. The mean depth difference was 3.9 meters, with a standard deviation of 4.13 meters. The mean temperature difference was 0.03°C , with a standard deviation of 0.04°C .

A similar check of salinity difference revealed a need for a salinity correction. The required salinity correction was constant throughout the cruises. A third-degree polynomial fit of the difference between STD salinity and water sample salinity as a function of depth was made and used for calibration. After the correction formula was applied to the salinity data, the mean difference was $0.03^{\circ}/\text{‰}$, with a standard deviation of $0.04^{\circ}/\text{‰}$.

For stations 8 through 17 and 73 through 84, selected values were coded from the typewriter output. These data were put on punch cards and then recorded on magnetic tape in the same format as the rest of the data. A new data tape was created containing only the down cast with an end of file at the end of each cast, and stations 8 through 17 and 73 through 84 were inserted in their proper chronological order.

These data were edited for noise by a series of filters. Temperature-Salinity (T-S) curves from the edited tape were plotted. These plots indicated residual small magnitude noise and gaps in the data. The noise was edited out point by point. To the extent possible, gaps in the data were filled in from the typewriter output.

The edited temperature and salinity data were smoothed by a linear regression computation. The regression was performed in 10-meter increments in overlapping 5-meter segments, and a new tape containing the smoothed data interpolated at 10-meter intervals was created. The standard NODC heading card for electronically obtained serial stations, containing cruise number, cast number, position, date, time, and weather data, were added to identify each cast.

Because of an insufficient number of observations, stations 8 through 17 and 73 through 84 were not subjected to the edit-regression interpolation procedure described above. They were quality-controlled and corrected by hand.

Using the edited data, sigma-t, specific volume anomaly, sound velocity, thermosteric anomaly, dynamic height, and transport function were computed at 20-meter intervals. Stations 8 through 17 and 72 through 84 were interpolated by the three-point Lagrangian interpolation method before the computations could be made.

Section 8 lists in chronological order the entire set of cruise stations with the abovementioned computations. For brevity, only selected depths are printed. The complete set of 10-meter interval data is on file at the NODC.

5. PRELIMINARY DATA PRESENTATION

Four mean T-S curves (fig. 3 through 6) of various areas were computed and plotted. Area 1 is the mean curve of stations 9 through 22 (fig. 2) taken during cruise RP11 just west of the Lesser Antilles during September 1971. Area 2 is the mean curve of stations 56 through 61 taken during cruise RP9. These stations lie north of Jamaica. Area 3 includes stations 62 through 79 taken during cruise RP9. This area lies southwest of Jamaica. Area 4 comprises stations 40 through 49 and 84 through 86, covering the area east of the Yucatan Peninsula toward Cuba. Locations for these stations are shown in figure 1.

The mean T-S curves were obtained by averaging the STD salinity values in $1/2^{\circ}\text{C}$ intervals. In general, they agree very well with the T-S curve of the Caribbean Sea presented by Wüst (1964), but with some slight differences. Area 1 exhibits the highest mean salinity maximum of 36.81‰ , indicating its closeness to the source of the Subtropical Underwater. It also exhibits the lowest mean salinity of 34.72‰ for the Antarctic Intermediate Water (fig. 13). The mean minimum salinities of the three other areas are greater than 34.80‰ , indicating mixing of the Antarctic Intermediate Water as the water proceeds downstream. Area 1 also has the lowest mean surface salinity of 34.53‰ , with numerous values less than 34.00‰ and relatively low surface temperatures (fig. 12 and 13). The low salinity reflects the influence of the Amazon and Orinoco Rivers discharge combined with the equatorial low-salinity belt (Wüst).

The waters represented by the T-S curve of Area 2 were sampled to define the input through the Windward Passage. Therefore, this curve should relate to the characteristics of the waters that have entered through the Windward Passage from the North Atlantic while that of Area 3 should reflect modifications that occur to the water column as it transits the Caribbean from Area 1. The surface water of Area 3 reflects the modifications experienced during this transit. However, the surface of Area 2 is warmer and more saline than that of Area 3 and, between 24° and 28°C , is fresher than Area 3 (fig. 4, 5, 7, and 8). The T-S characteristics of Area 4 should be indicative of the waters that are about to exit the Caribbean through the Yucatan Channel. Areas 2 and 4 are essentially identical. It was expected that in the near surface layer Area 4 would reflect T-S characteristics intermediate between Areas 2 and 3, but it does not. Like Area 2, Area 4 is appreciably fresher between 24° and 28°C and is warmer at the surface than Area 3.

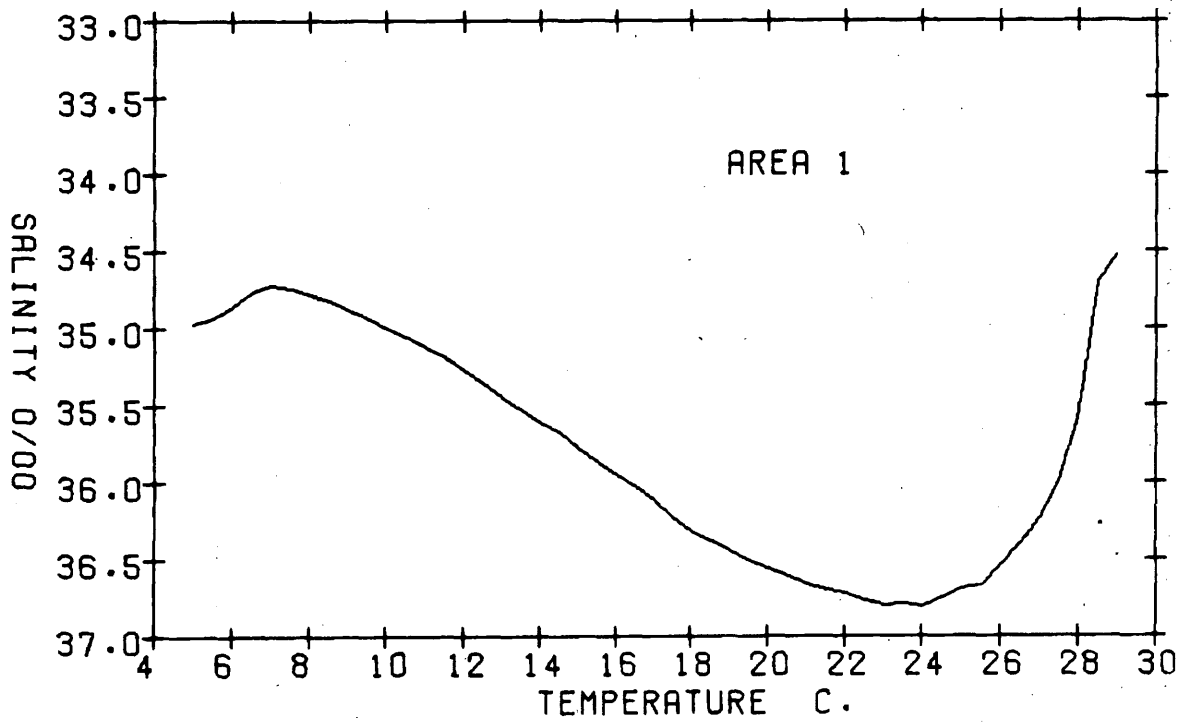


Figure 3. Mean T/S curve, stations 9-22, cruise RP11.

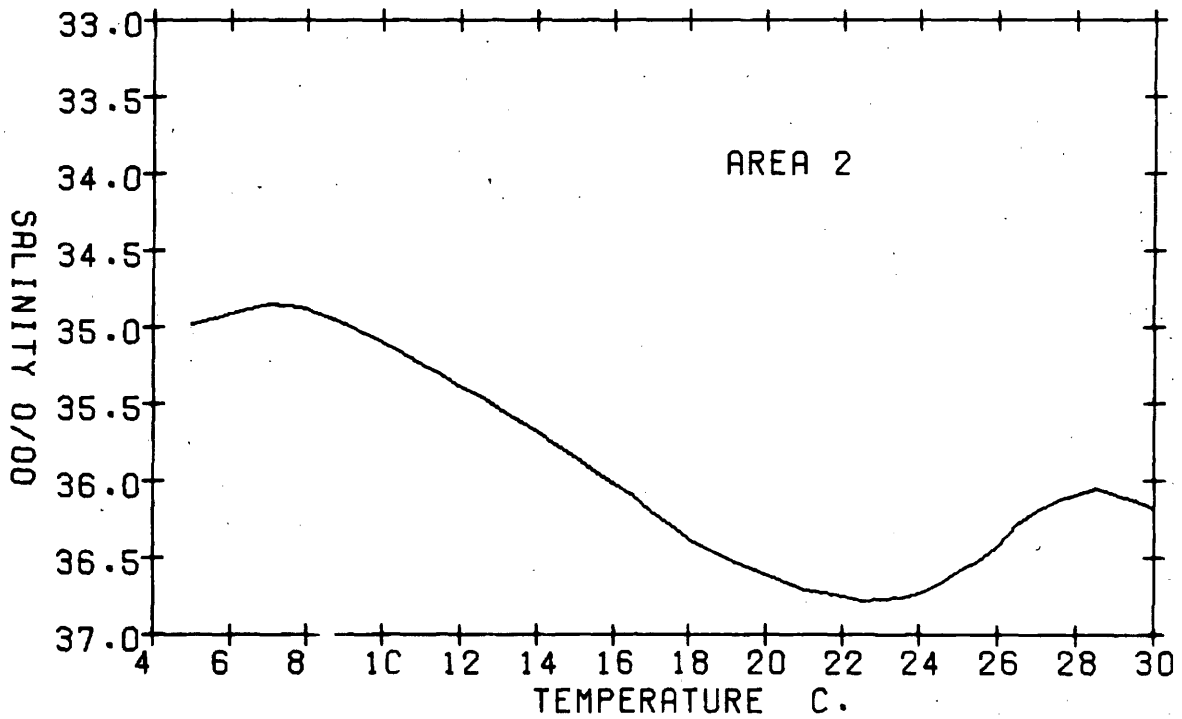


Figure 4. Mean T/S curve, stations 56-61, cruise RP9.

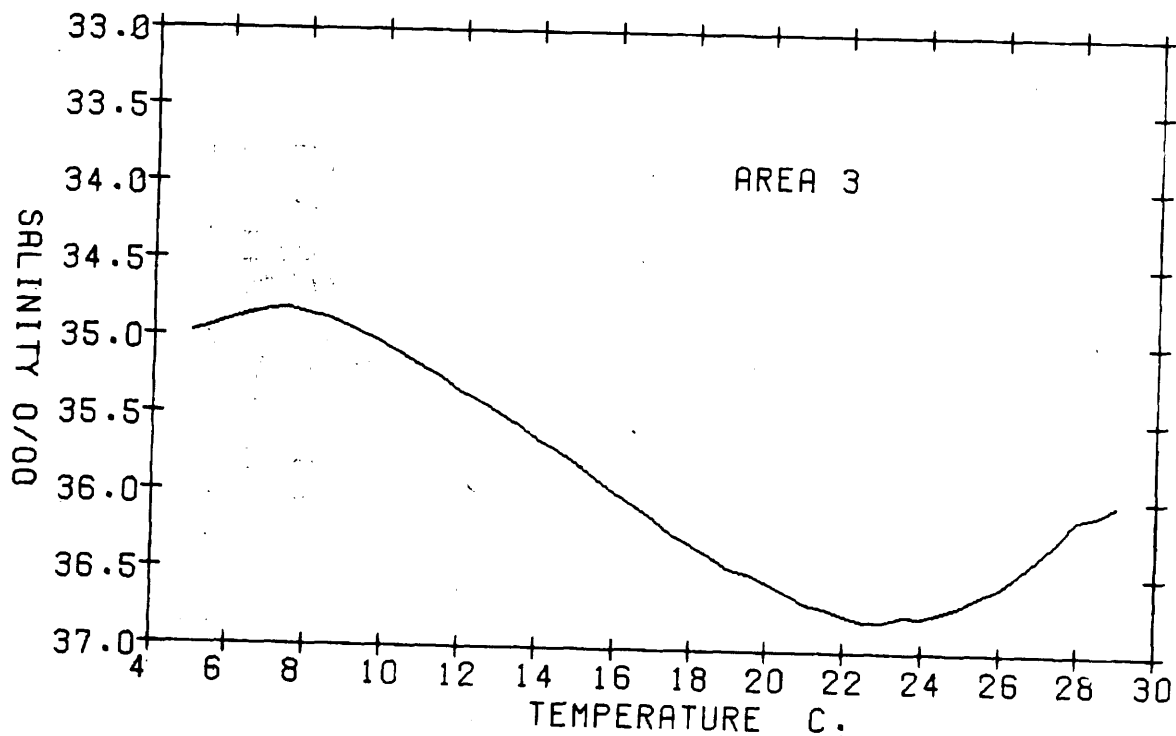


Figure 5. Mean T/S curve, stations 62-79, cruise RP9.

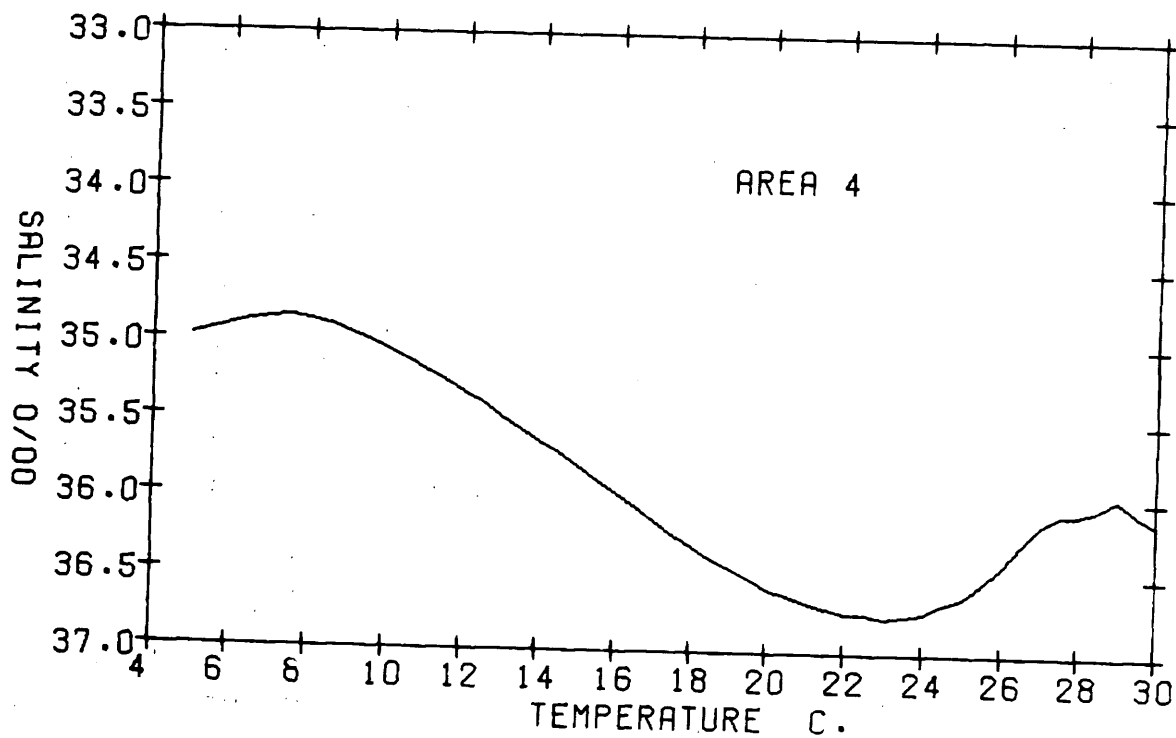


Figure 6. Mean T/S curve, stations 40-49 and 84-86, cruise RP9.

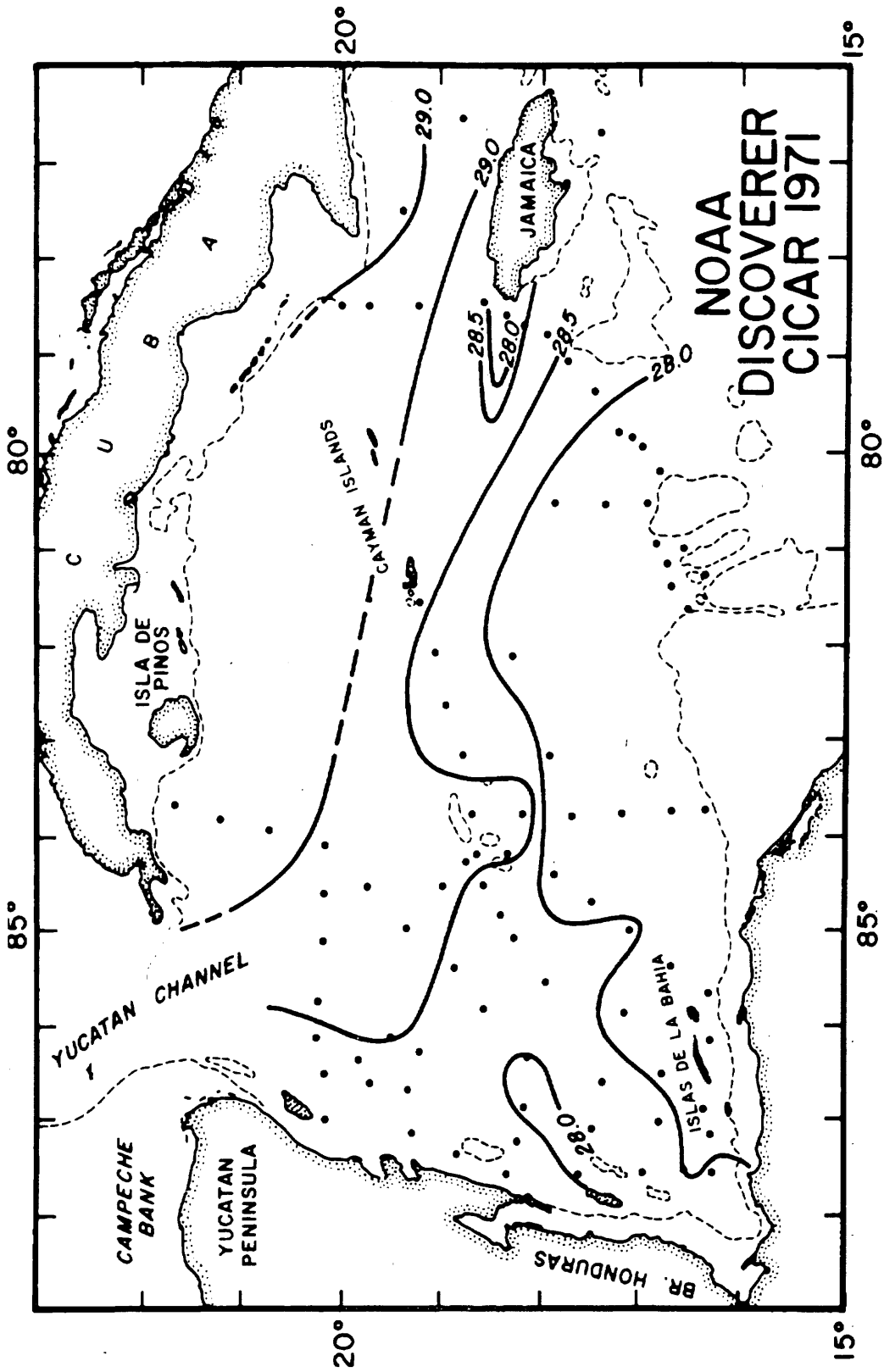


Figure 7. Surface temperature in degrees Celsius derived from the STD observations during July/August 1971.

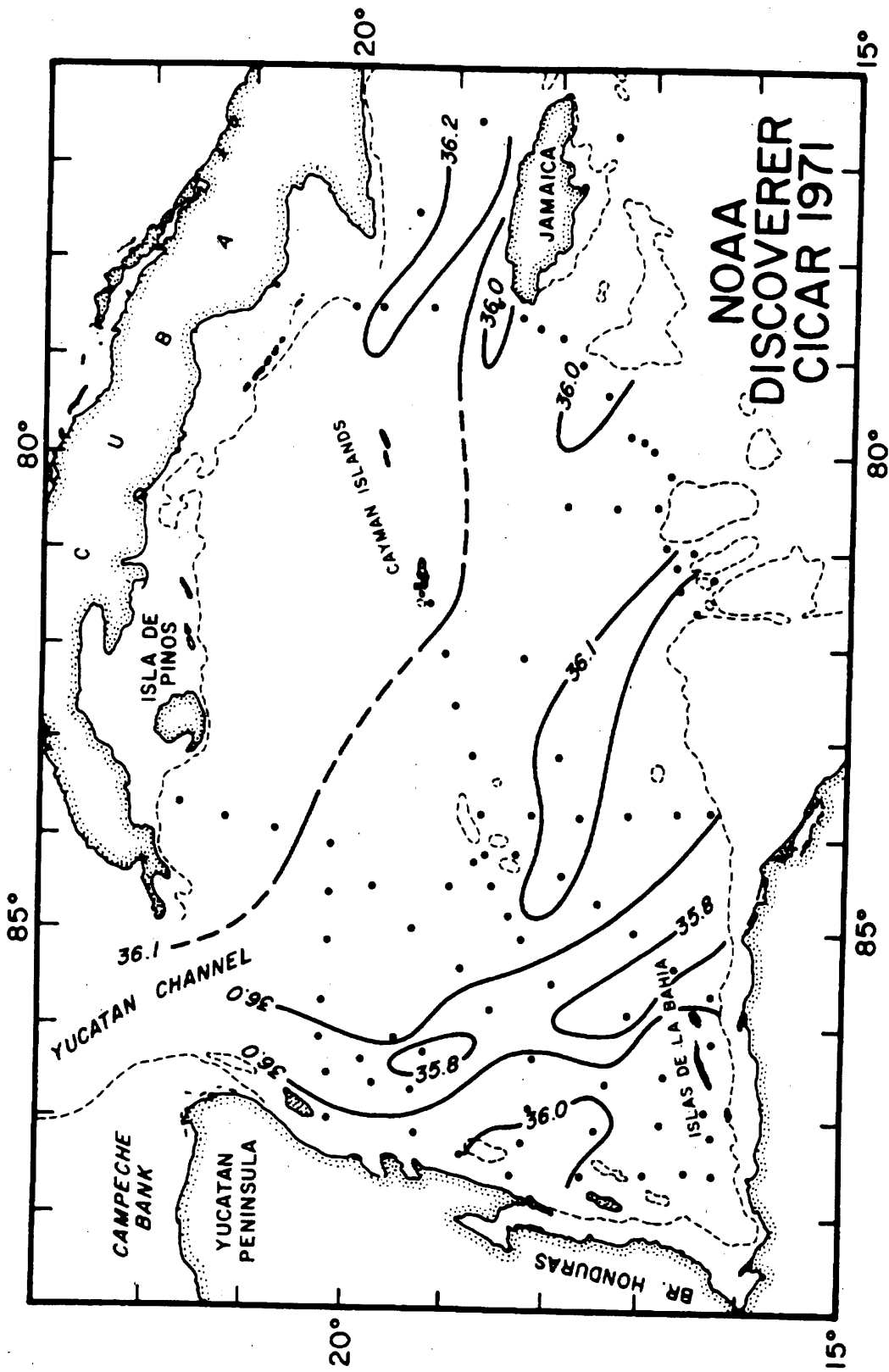


Figure 8. Surface salinity in parts per thousand derived from SFD observations during July/August 1971.

The T-S differences in the upper 150 meters between Area 3 and Areas 2 and 4 are explainable with reference to figures 9 through 11. These show the surface current pattern determined from dynamic topography relative to 500, 1,000, and 1,800 meters. This current system is in agreement with the Lagrangian current measurements made at the same time and reported by Molinari (1973) and with the hydrographic stations and geomagnetic electrokinetograph (GEK) measurements taken during the same time and reported by Emilsson (1971). There is striking similarity in the surface current structure relative to the three depths, but Emilsson's GEK results agree best with the surface relative to 500 meters depth (fig. 9). The higher surface temperature and salinity north of Jamaica can be attributed to water that has flowed out from the Gulf of Mexico around Cabo San Antonio, the most westerly point of Cuba. This higher temperature and salinity result from the additional heating and evaporation this water has been subjected to relative to that southwest of Jamaica, caused by a longer time in tropical conditions as it transits the Cayman Sea and the Loop Current of the eastern Gulf of Mexico. The longer route is suggested rather than a route just around the anticyclonic gyre between the Yucatan Channel and Misteriosa Bank because of the fresher water between 24° and 28°C. This is the only place where the T-S curves of Areas 2 and 4 differ, Area 4 being slightly less salty and therefore nearer the source of dilution for subsurface freshening. It is suggested that this relative freshening results from dilution as the Loop Current entraps colder, lower salinity shelf waters along the northern and eastern margins of the Gulf of Mexico.

Between 5° and 18°C, Area 1 is less saline than Area 3; and between 7° and 22°C, Area 3 is less saline than Area 2. The increasing salinity downstream, suggested by these segments of the T-S curves, covers a depth range of roughly 200 to 1,000 meters which brackets the Antarctic Intermediate Water minimum. Since the magnitude of the minimum decreases downstream continuously with distance due to mixing, the increase in the adjacent waters above and below is attributed to this mixing also. This suggests that the water of Area 2, north of Jamaica, has travelled the longest path from the open Atlantic and has the longest residence time in the Caribbean Sea of the waters sampled from the Discoverer during the CICAR survey of 1971. No contribution of water from the North Atlantic through the Windward Passage can be seen in these data.

The section along 63° West longitude is a standard CICAR section. It extends the length of the Grenada Basin on the eastern slope of the Aves Ridge. Many of the stations of this eastern transect are depth-limited by banks associated with the Antilles Arc at the north, with the South American continental shelf at the south, and in the middle by the Aves Ridge. Consequently, the sections presented here (fig. 12

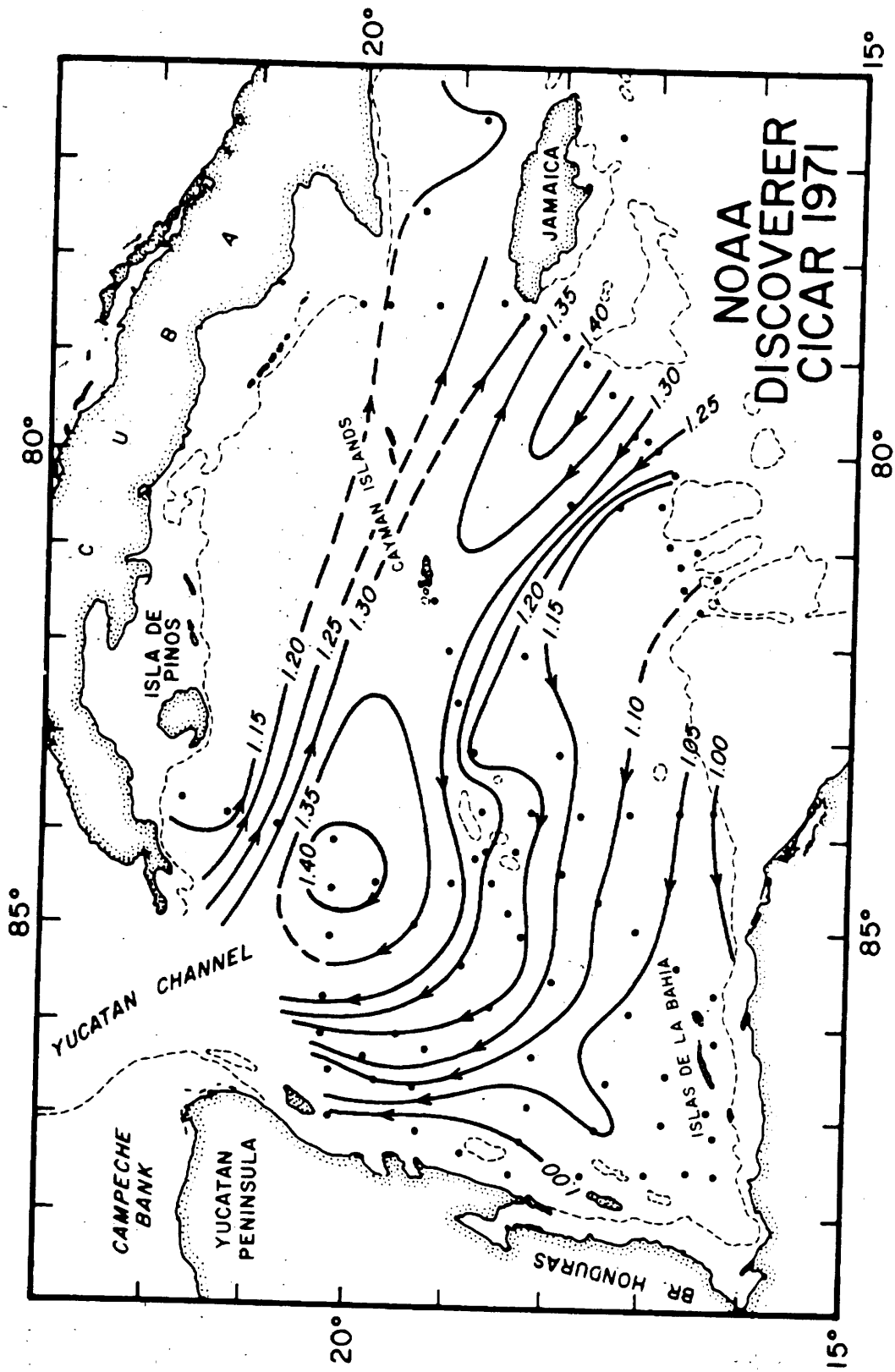


Figure 9. Geostrophic current pattern at surface in dynamic meters relative to 500-meter level.

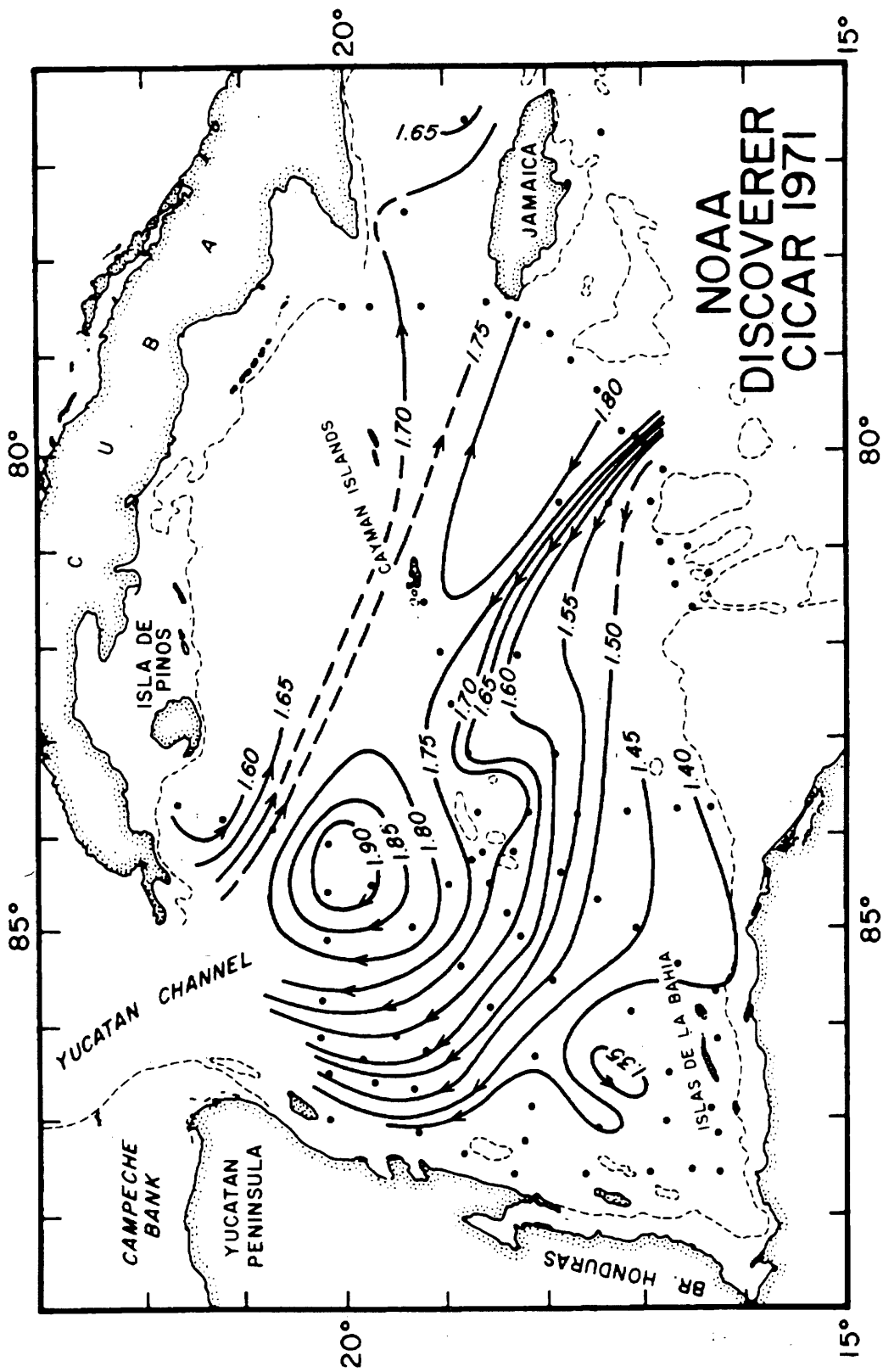


Figure 10. Geostrophic current pattern at surface in dynamic meters relative to 1,000-meter level.

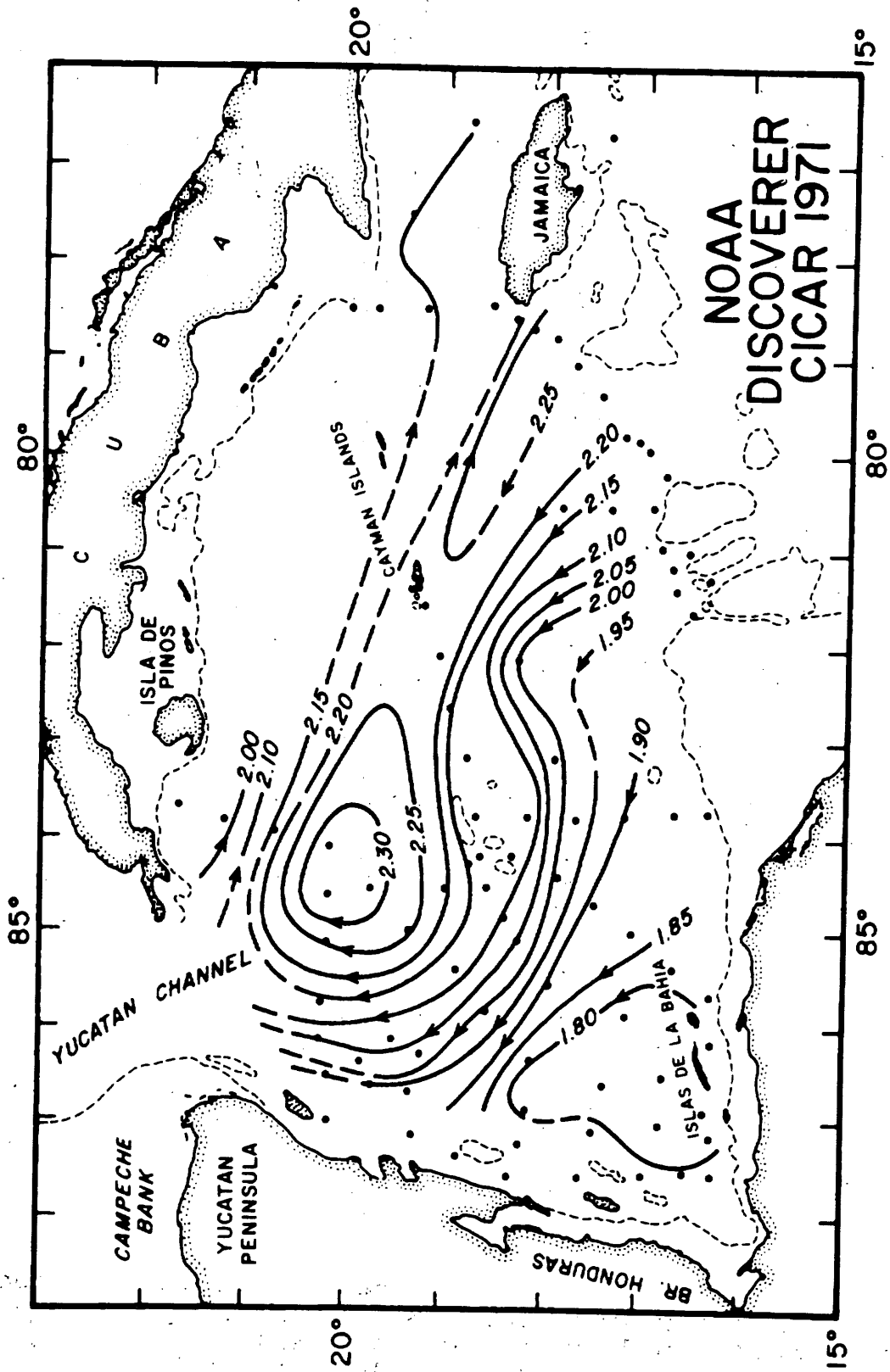


Figure 11. Geostrophic current pattern at surface in dynamic meters relative to 1,800-meter level.

through 18) are drawn, at most, to 1,000-meter depth. The temperature and salinity distributions shown in figures 12 and 13 depict the water structure quite well because gradients below 1,000 meters were very weak. The deepest values measured by the STD at 2,000 meters were 4.1°C for temperature and 34.98‰ for salinity.

Analogous to the surface charts of dynamic topography for the Cayman Sea, the dynamic topography relative to 500 and 1,000 meters determined from these observations is shown in figures 14 and 15. Too few stations penetrated to 1,800 meters to make it worthwhile producing a section relative to that depth. Because 1,000 meters is deeper than the sill depths of the passages with the dominant flow (Stalcup and Metcalf, 1972), figure 15 is probably fairly indicative of the zonal flow through this section. The strongest gradients in figures 14 and 15 indicative of the maximum flow are centered on station 21, while counterflows are suggested at the northern and southern ends of the section.

Figures 16 and 17 confirm this interpretation and show the current structure in detail relative to 1,000 and 500 meters. The 1,000-meter depth allows a more accurate portrayal of the currents, but the 500-meter depth permits an extension to shallower stations at the ends of the section. The difference in current structure relative to the two depths is quite significant. In this section, the Caribbean Current as discussed by Wüst (1964) and Gordon (1967) is a westward-flowing, bifurcate stream evident on the surface between stations 14 and 19 with an easterly flowing countercurrent underneath between stations 14 and 21 (fig. 16). To the north and south are easterly flowing currents penetrating to the surface with westerly flowing countercurrents below (fig. 16 and 17). At the extreme southern stations, a strong westerly flow is evident in figure 17 which can be correlated with the westward transport through the Grenada Passage reported by Stalcup and Metcalf (1972). It is difficult to explain the east-flowing currents on each side of the Caribbean Current based on only one section. However, they may represent arms of gyres in the lee of the Lesser Antilles and upstream from the Aves Ridge crest.

Several interesting relations are apparent between the temperature and salinity sections and the current section relative to 1,000 meters (fig. 12, 13, and 16). The surface water is warmer and less saline in the countercurrents than in the Caribbean Current or flow through the Grenada Passage, suggesting warming and dilution relative to surface water from outside the Antilles Arc due to retention time in the Caribbean. Also the core of Antarctic Intermediate Water, as defined by the 34.75‰ isohaline, is strongest where the subsurface westerly current is indicated between stations 18 and 17 and is absent where the subsurface easterly counterflow is demonstrated between stations 14 and 21.

The volume transport across 63° West longitude has been computed to 1,000 meters or to the deepest depth of the shallower stations and is presented in figure 18. The total

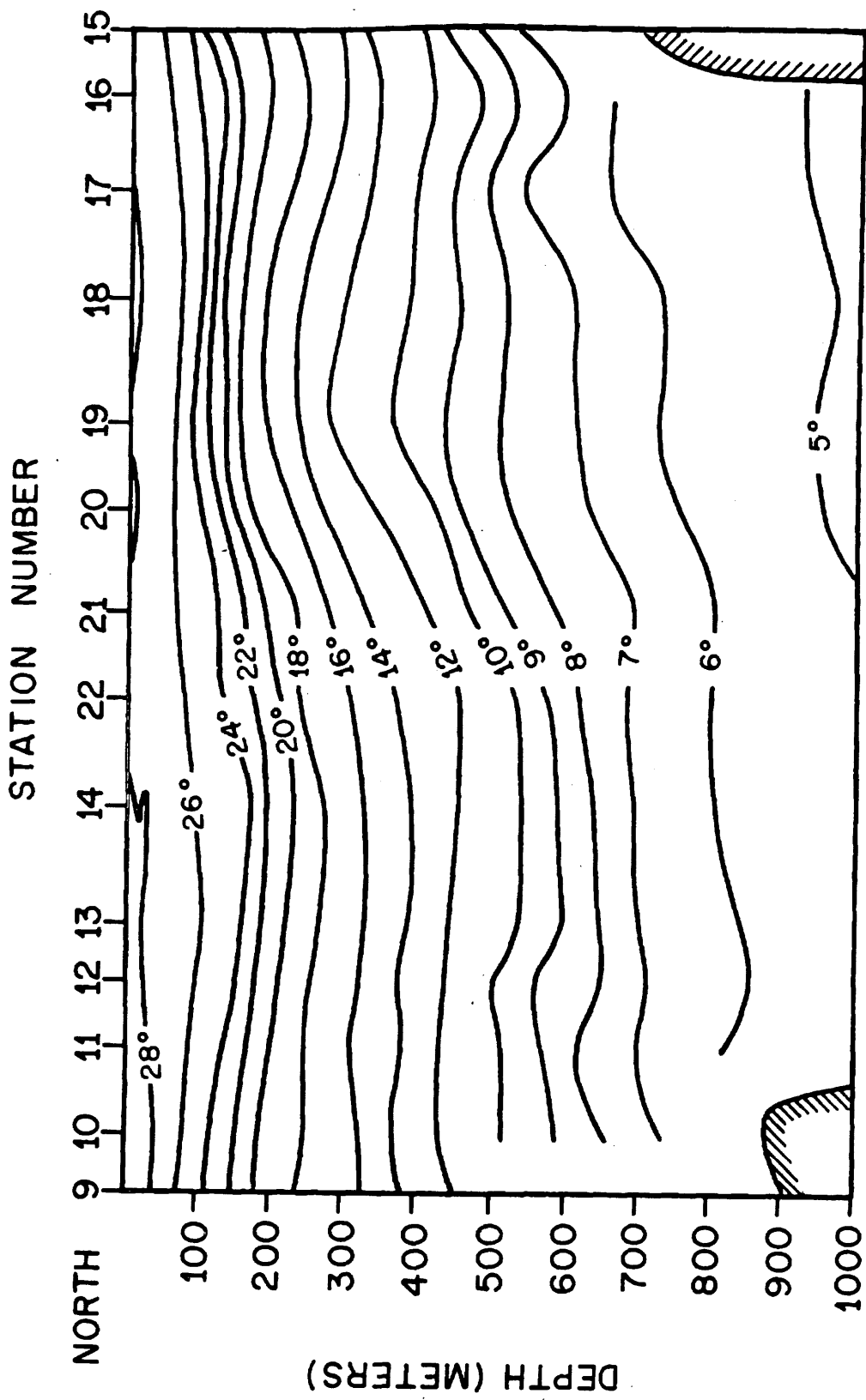


Figure 12. Temperature distribution in degrees Celsius observed during September 1971 along 63° West longitude.

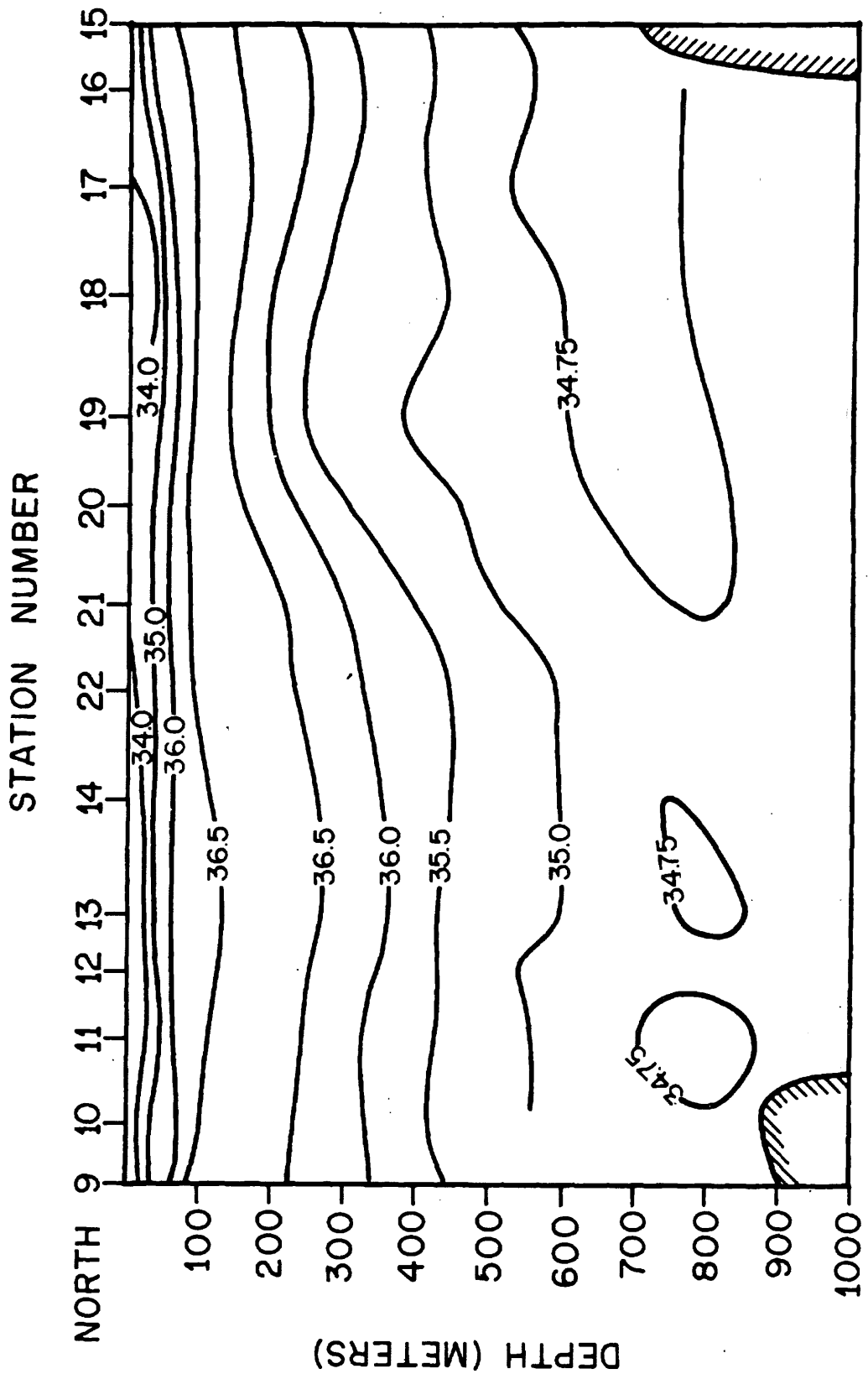


Figure 13. Salinity distribution in parts per thousand observed during September 1971 along 63° West longitude.

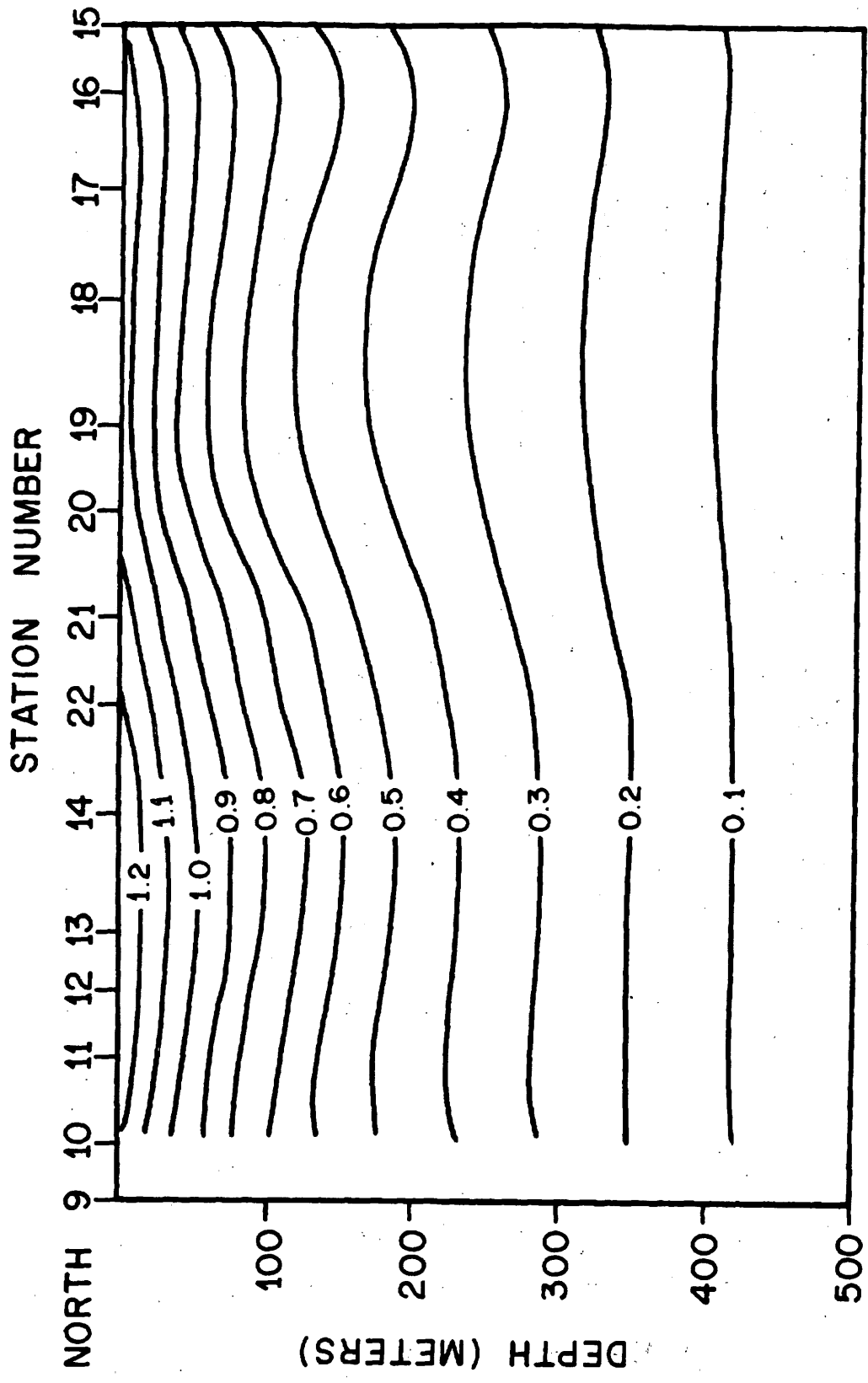


Figure 14. Dynamic topography in dynamic meters relative to 500 meters along 63° West longitude.

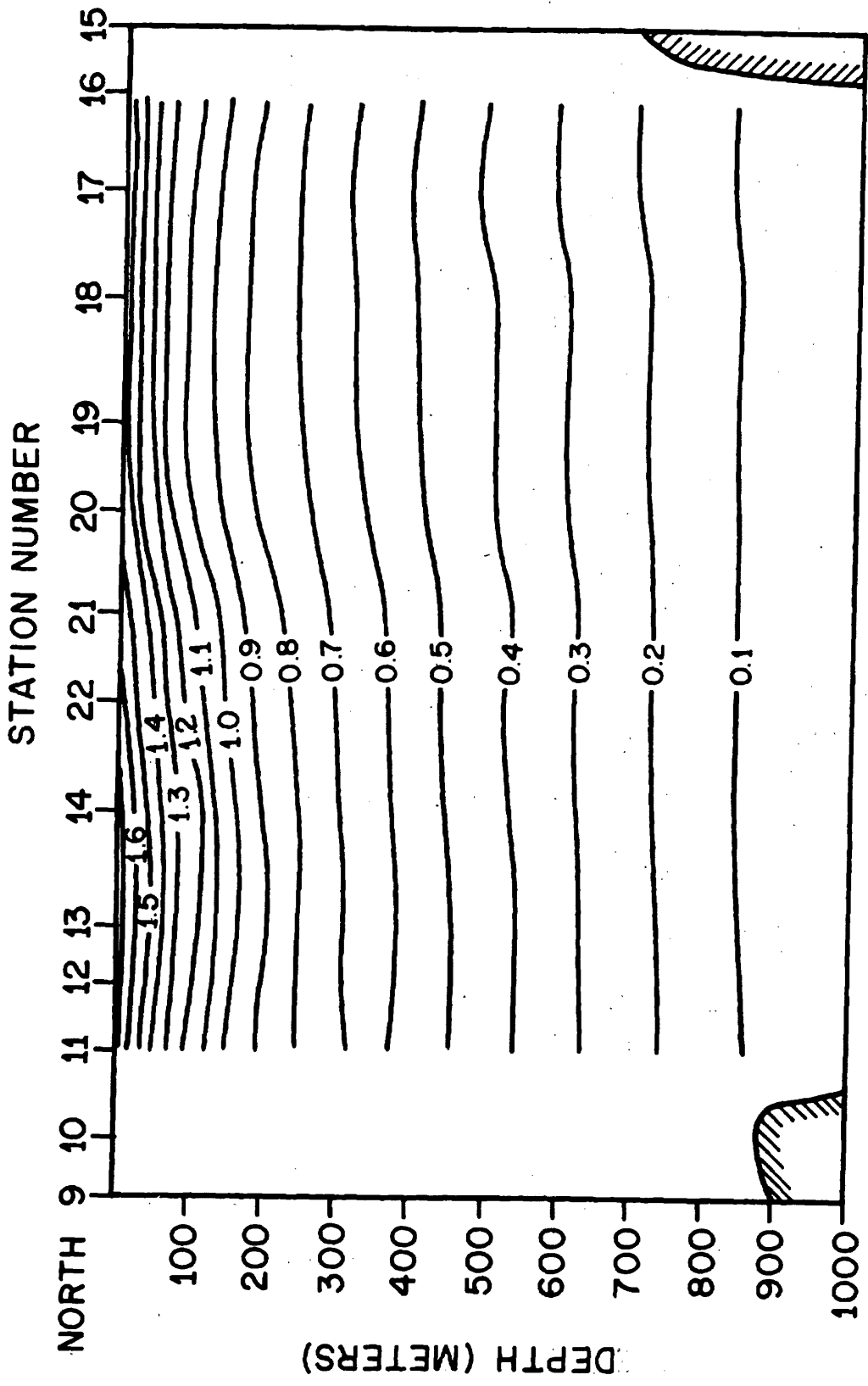


Figure 15. Dynamic topography in dynamic meters relative to 1,000 meters along 63° West longitude.

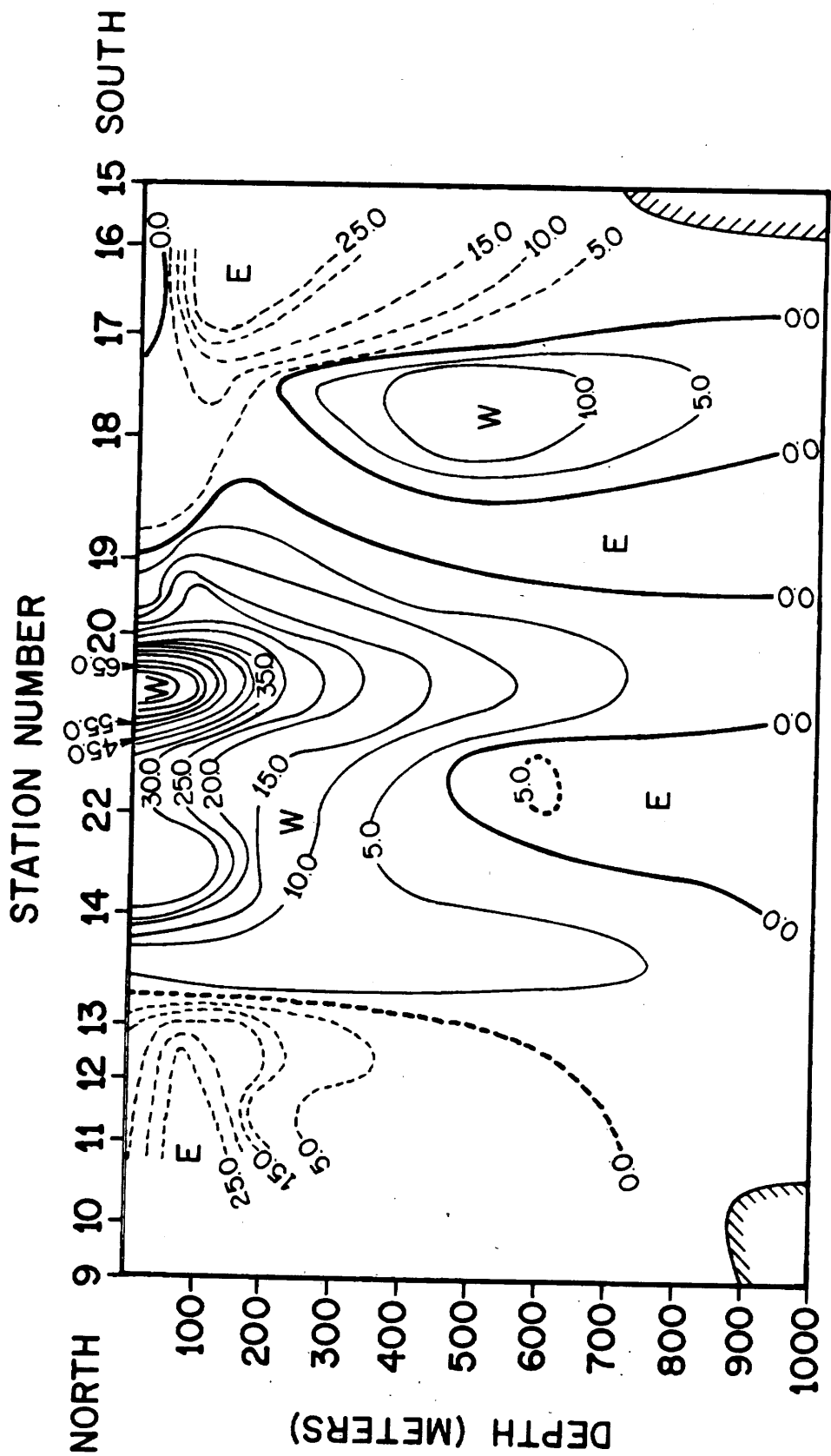


Figure 16. Isotachs of current velocity in centimeters per second relative to 1,000-meter depth along 63° West longitude.

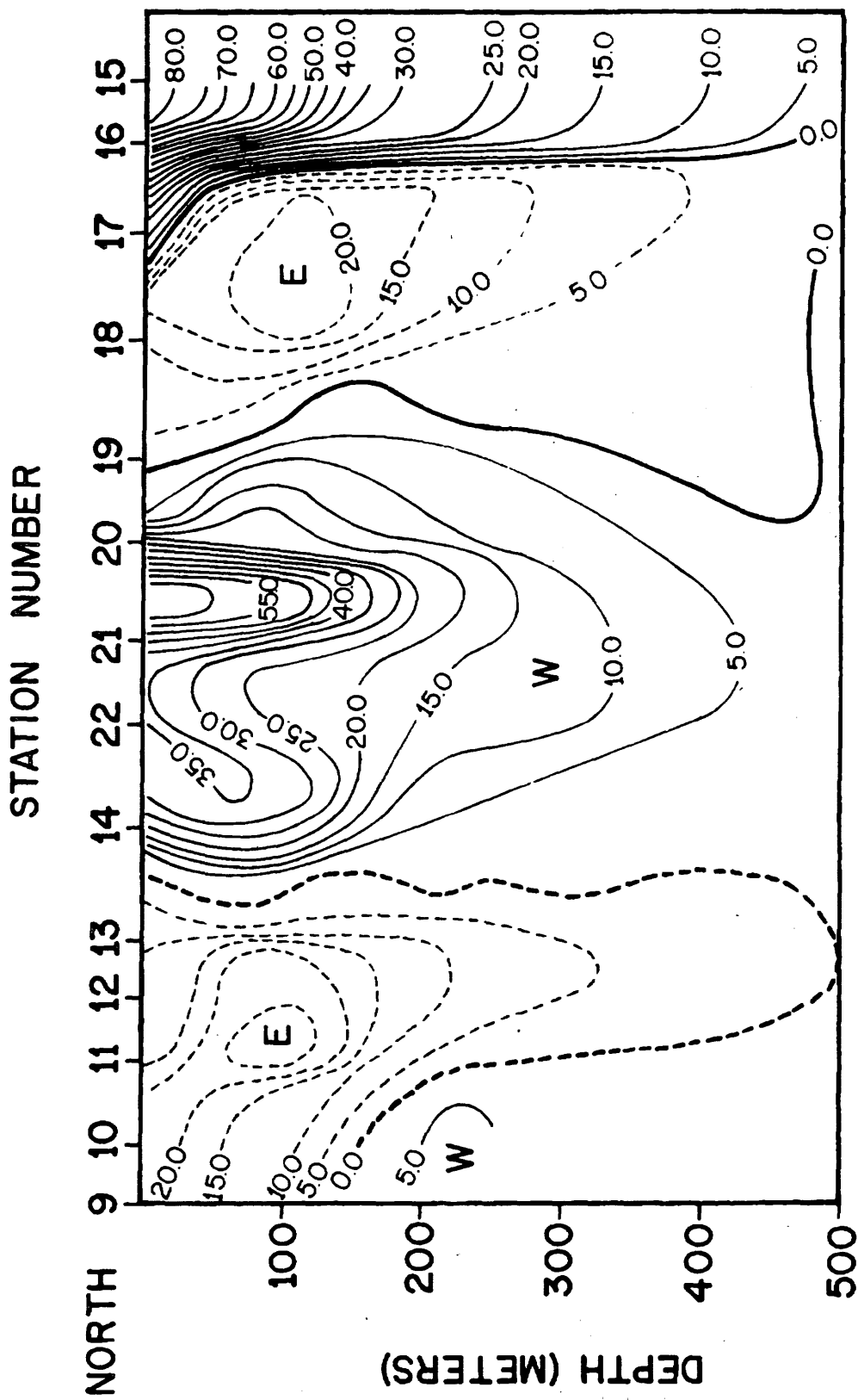


Figure 17. Isotachs of current velocity in centimeters per second relative to 500-meter depth along 63° West longitude.

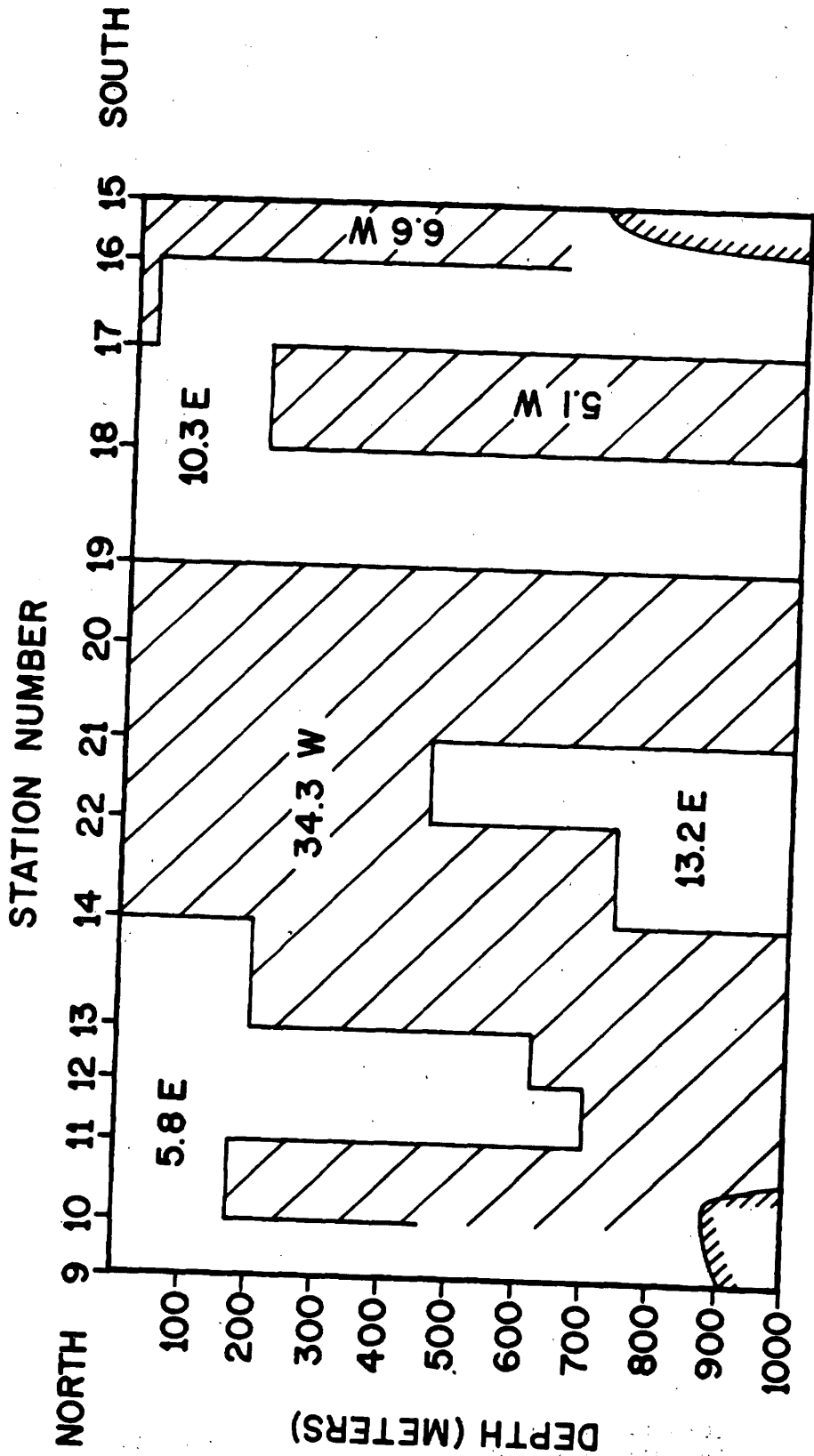


Figure 18. Volume transport $\times 10^6 m^3/sec$ along 63° West longitude.

westward transport is 46.0×10^6 m³/sec, and eastward transport is 29.3×10^6 m³/sec for a net transport of 16.7×10^6 m³/sec westward. This net transport is considerably less than the 26×10^6 m³/sec reported by Gordon (1967) for the Eastern Venezuela Basin or the same volume reported by Stalcup and Metcalf (1972) for the major passages through the Lesser Antilles. However, the 34.3×10^6 m³/sec for the core of the Caribbean Current is appreciably greater than their values, whereas 6.6×10^6 m³/sec for the flow through the Grenada Passage agrees reasonably well with the 3.8 to 15.9×10^6 m³/sec range reported by Stalcup and Metcalf. So the discrepancy lies principally in the magnitude of the countercurrents apparent in this section and a possible appreciable flow below 1,000 meters. This section would be more usable for this type of analysis if located 50 kilometers farther to the east to permit current computation relative to a deeper level.

6. ACKNOWLEDGMENTS

The authors express their thanks to the officers and crew of the Discoverer for the long and diligent hours they devoted to collecting these data. Thanks are also due Alan Herman of AOML for writing very difficult data processing programs. The work was funded in part by the National Science Foundation under International Decade of Ocean Exploration grant AG-253.

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8. SERIAL DATA

Explanation of Column Headings in the Serial Data Listings

Z	Depth in meters
T	Temperature in degrees Celsius
S	Salinity in parts per thousand (‰)
SIG T	$\text{Sigma } t = (\text{density at 0 pressure} - 1) \times 1,000$
T ANOM	Thermosteric Anomaly in centiliters per ton
SVA	Specific Volume Anomaly
SVEL	Sound Velocity in meters per second
DYNHGT	Dynamic Depth Anomaly in dynamic meters
TRANS	Transport Function summed from the surface downward in dynamic meters times meters

STD STATION NUMBER C
 JULY 18, 1971 13.5 /
 LATITUDE 17 54
 LONGITUDE 83 08
 DEPTH TO BOTTOM 3475 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.91	36.11	23.28	460.7	460.7	1542.81	.0000	.0
20	27.84	36.13	23.32	457.1	457.9	1543.00	.0919	.9
40	27.71	36.15	23.38	451.6	453.3	1543.05	.1830	3.7
60	27.57	36.17	23.44	445.8	448.3	1543.09	.2731	8.2
80	26.89	36.28	23.74	416.9	420.3	1542.00	.3600	14.6
100	25.95	36.45	24.16	376.5	380.7	1540.32	.4401	22.6
120	25.16	36.59	24.52	342.2	347.7	1538.92	.5129	32.1
140	24.23	36.70	24.88	307.6	313.8	1537.10	.5791	43.0
160	23.15	36.77	25.25	272.8	279.3	1534.82	.6384	55.2
180	21.81	36.77	25.63	236.6	243.3	1531.73	.6907	68.5
200	20.23	36.69	26.01	200.7	208.0	1527.76	.7358	82.7
220	19.23	36.62	26.23	180.1	189.0	1525.24	.7755	97.9
240	18.02	36.54	26.38	165.5	175.7	1523.19	.8120	113.7
260	17.71	36.45	26.49	154.7	165.9	1521.36	.8461	130.3
280	17.09	36.35	26.57	147.8	159.4	1519.78	.8787	147.6
300	16.58	36.24	26.60	144.7	156.0	1518.45	.9102	165.4
340	14.84	35.92	26.71	134.1	142.8	1513.49	.9711	203.1
380	12.80	35.59	26.89	117.2	125.7	1506.98	1.0246	243.0
420	11.25	35.33	27.01	106.2	116.4	1502.01	1.0728	285.0
460	11.11	35.31	27.02	105.2	116.2	1502.14	1.1105	328.8
500	10.32	35.27	27.04	103.2	114.9	1501.72	1.1661	374.5
540	10.12	35.15	27.07	100.3	112.2	1499.71	1.2117	422.1
580	9.43	35.07	27.12	95.1	107.1	1497.75	1.2556	471.4
620	8.91	35.03	27.18	90.0	102.3	1496.43	1.2972	522.5
660	8.12	34.94	27.23	85.0	97.0	1494.00	1.3371	575.2
700	7.34	34.83	27.26	82.3	93.8	1491.51	1.3753	629.4
740	6.70	34.79	27.32	76.8	88.0	1489.62	1.4116	685.2
780	6.25	34.79	27.38	71.1	82.2	1488.49	1.4457	742.3
820	5.80	34.82	27.46	63.4	74.3	1487.39	1.4769	800.8
860	5.49	34.85	27.52	57.5	68.5	1486.83	1.5054	860.4
900	5.26	34.87	27.56	53.3	64.4	1486.58	1.5319	921.2
940	5.01	34.89	27.61	49.0	60.1	1486.24	1.5567	983.0
980	4.87	34.90	27.63	46.7	58.0	1486.33	1.5802	1045.7
1020	4.77	34.91	27.65	44.9	56.4	1486.59	1.6030	1109.4
1100	4.65	34.92	27.67	42.9	55.0	1487.41	1.6473	1239.4
1200	4.49	34.93	27.70	40.4	53.2	1488.40	1.7009	1406.8
1300	4.40	34.94	27.72	38.7	52.3	1489.69	1.7532	1579.5
1400	4.34	34.94	27.72	38.1	52.4	1491.08	1.8055	1757.5
1500	4.29	34.95	27.74	36.8	52.0	1492.53	1.8577	1940.6
1600	4.26	34.95	27.74	36.5	52.5	1494.05	1.9098	2129.0
1700	4.23	34.95	27.74	36.2	53.1	1495.58	1.9626	2322.6
1800	4.21	34.96	27.75	35.3	53.0	1497.17	2.0153	2521.5
1900	4.20	34.96	27.75	35.2	53.8	1498.78	2.0687	2725.7
2000	4.18	34.97	27.76	34.2	53.7	1500.37	2.1221	2935.2

STD STATION NUMBER 1
 JULY 19, 1971 01.5 7
 LATITUDE 16 20
 LONGITUDE 83 46
 DEPTH TO BOTTOM 865 M.

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.00	36.00	23.17	471.4	471.4	1542.91	.0000	.0
20	27.88	36.00	23.21	467.6	468.5	1542.97	.0940	.9
40	27.22	36.15	23.53	436.4	438.1	1541.97	.1846	3.7
60	25.67	36.38	24.20	373.1	375.6	1538.97	.2660	8.2
80	25.00	36.49	24.49	345.5	348.8	1537.81	.5384	14.3
100	24.21	36.61	24.82	314.1	318.2	1536.34	.4051	21.7
120	22.33	36.66	25.40	258.2	263.0	1532.01	.4633	30.4
140	20.20	36.60	25.95	206.7	211.9	1526.63	.5107	40.1
160	18.78	36.47	26.22	180.9	186.6	1522.88	.5506	50.8
180	17.09	36.37	26.34	169.2	175.5	1520.83	.5868	62.1
200	16.95	36.21	26.50	154.5	161.2	1517.63	.6205	74.2
220	15.94	36.06	26.59	145.2	152.2	1515.03	.6518	86.9
240	15.15	35.94	26.68	137.0	144.4	1512.76	.6815	100.3
260	14.20	35.77	26.76	129.7	137.3	1509.87	.7096	114.2
280	13.23	35.62	26.84	121.5	129.2	1506.85	.7363	128.6
300	12.36	35.48	26.91	115.2	123.1	1504.09	.7615	143.6
340	11.29	35.34	27.01	106.2	114.4	1500.88	.8091	175.0
380	10.65	35.24	27.04	102.5	111.3	1499.15	.8545	208.3
420	9.88	35.13	27.09	97.8	107.0	1496.89	.8981	243.4
460	9.14	35.04	27.15	92.8	102.1	1494.72	.9399	280.1
500	8.58	34.97	27.18	89.5	99.1	1493.19	.9802	318.5
540	8.24	34.94	27.21	86.7	96.7	1492.52	1.0192	358.5
580	7.88	34.90	27.23	84.5	94.8	1491.74	1.0575	400.1
620	7.40	34.87	27.28	80.1	90.5	1490.51	1.0947	443.1
660	6.94	34.84	27.32	76.2	86.6	1489.33	1.1301	487.6
700	6.53	34.84	27.36	72.1	82.8	1488.77	1.1641	533.5
740	6.34	34.84	27.40	68.5	79.2	1488.27	1.1964	580.7
780	5.88	34.85	27.47	62.1	72.7	1487.10	1.2270	629.2
820	5.70	34.86	27.50	58.9	69.7	1487.03	1.2554	678.8
860	5.55	34.87	27.53	56.5	67.5	1487.10	1.2828	729.6
900	5.40	34.88	27.55	54.2	65.4	1487.17	1.3094	781.4
940	5.25	34.89	27.58	51.9	63.3	1487.24	1.3351	834.3
980	5.11	34.90	27.60	49.6	61.1	1487.30	1.3600	888.2
1020	4.76	34.91	27.63	47.3	59.0	1487.36	1.3840	943.1
1100	4.66	34.93	27.68	42.6	54.7	1487.48	1.4295	1055.7

STD STATION NUMBER 2
 JULY 19, 1971 05.0 Z
 LATITUDE 16 41
 LONGITUDE 83 45
 DEPTH TO BOTTOM 1800 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.97	36.01	23.18	469.7	469.7	1542.85	.0000	.0
20	27.95	36.02	23.20	468.4	469.2	1543.14	.0939	.9
40	27.92	36.05	23.23	465.3	467.0	1543.43	.1675	3.8
60	27.24	36.06	23.46	443.5	446.0	1542.26	.2788	8.4
80	25.96	36.28	24.03	388.9	392.2	1539.88	.3626	14.8
100	25.02	36.50	24.49	345.4	349.5	1538.19	.4368	22.8
120	23.82	36.64	24.96	300.9	305.7	1535.73	.5023	32.2
140	22.56	36.70	25.37	261.6	267.1	1532.95	.5596	42.8
160	20.58	36.61	25.85	215.7	221.7	1528.00	.6085	54.5
180	18.58	36.42	26.23	179.7	186.0	1522.58	.6493	67.1
200	17.08	36.24	26.46	157.6	164.3	1518.35	.6843	80.4
220	16.07	36.08	26.58	146.6	153.7	1515.45	.7161	94.4
240	14.79	35.87	26.71	134.5	141.8	1511.55	.7456	109.1
260	14.00	35.74	26.78	127.9	135.4	1509.19	.7734	124.2
280	13.25	35.62	26.84	121.9	129.6	1506.91	.7999	140.0
300	12.47	35.49	26.90	116.5	124.5	1504.47	.8253	156.2
340	11.41	35.33	26.98	109.0	117.4	1501.29	.8734	190.2
380	10.25	35.16	27.05	101.7	110.2	1497.62	.9189	226.1
420	9.38	35.06	27.12	95.1	103.8	1494.98	.9620	263.7
460	8.77	34.99	27.17	90.9	99.9	1493.28	1.0027	303.0
500	8.27	34.94	27.21	87.2	96.4	1491.98	1.0419	343.9
540	7.87	34.90	27.23	84.4	94.0	1491.06	1.0800	386.3
580	7.65	34.89	27.26	82.1	92.1	1490.85	1.1172	430.3
620	7.28	34.86	27.29	79.2	89.4	1490.03	1.1536	475.7
660	6.78	34.84	27.34	74.1	84.3	1488.71	1.1882	522.5
700	6.39	34.83	27.39	69.9	80.1	1487.81	1.2211	570.7
740	6.09	34.84	27.44	65.4	75.8	1487.28	1.2522	620.2
780	5.78	34.85	27.48	60.9	71.3	1486.70	1.2815	670.9
820	5.46	34.87	27.54	55.6	66.1	1486.09	1.3088	722.7
860	5.27	34.88	27.57	52.7	63.3	1485.98	1.3347	775.6
900	5.15	34.89	27.59	50.6	61.5	1486.16	1.3598	829.4
940	5.04	34.89	27.60	49.4	60.5	1486.36	1.3842	884.3
980	4.94	34.90	27.62	47.5	58.9	1486.62	1.4080	940.2
1020	4.86	34.91	27.64	45.9	57.6	1486.96	1.4314	997.0
1100	4.70	34.92	27.67	43.4	55.6	1487.62	1.4764	1113.3
1200	4.51	34.93	27.70	40.6	53.4	1488.49	1.5307	1263.7
1300	4.42	34.94	27.71	38.9	52.5	1489.77	1.5837	1419.4
1400	4.35	34.94	27.72	38.2	52.6	1491.12	1.6363	1580.4
1500	4.32	34.94	27.73	37.9	53.1	1492.64	1.6891	1746.6
1600	4.31	34.94	27.73	37.8	54.0	1494.25	1.7426	1918.2
1700	4.31	34.95	27.73	37.1	54.2	1495.91	1.7967	2095.2

STD STATION NUMBER 3
 JULY 19, 1971 09.5 Z
 LATITUDE 17 12
 LONGITUDE 83 44
 DEPTH TO BOTTOM 2304 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.89	36.04	23.23	465.1	465.1	1542.70	.0000	.0
20	27.89	36.04	23.23	465.1	465.9	1543.03	.0931	.9
40	27.71	36.11	23.35	454.4	456.1	1543.02	.1853	3.7
60	27.28	36.13	23.50	439.7	442.2	1542.41	.2751	8.3
80	26.55	36.28	23.85	406.6	410.0	1541.23	.3604	14.7
100	25.45	36.44	24.31	362.3	366.4	1539.15	.4380	22.7
120	24.44	36.58	24.73	322.8	327.7	1537.19	.5074	32.1
140	23.34	36.67	25.12	285.3	290.9	1534.89	.5693	42.9
160	21.41	36.65	25.65	234.4	240.5	1530.25	.6224	54.8
180	20.67	36.59	25.81	219.4	226.2	1528.54	.6691	67.7
200	18.74	36.40	26.17	185.0	192.1	1523.34	.7109	81.5
220	17.05	36.21	26.45	159.1	166.4	1518.55	.7468	96.1
240	15.66	35.96	26.58	146.4	154.0	1514.38	.7788	111.3
260	14.63	35.85	26.73	132.7	140.5	1511.34	.8082	127.2
280	14.12	35.74	26.75	130.3	138.5	1509.90	.8361	143.7
300	13.34	35.60	26.81	125.1	133.4	1507.51	.8633	160.7
340	11.78	35.38	26.94	111.9	120.5	1502.63	.9132	196.2
380	10.68	35.20	27.01	105.9	114.8	1499.20	.9601	233.7
420	9.77	35.08	27.07	99.8	108.8	1496.43	1.0046	273.0
460	8.86	34.97	27.14	93.7	102.8	1493.59	1.0468	314.0
500	8.40	34.92	27.17	90.5	99.9	1492.45	1.0873	356.7
540	7.78	34.86	27.22	86.1	95.6	1490.66	1.1263	401.0
580	7.17	34.81	27.27	81.5	90.9	1488.89	1.1634	446.8
620	6.82	34.80	27.31	77.6	87.2	1488.16	1.1991	494.0
660	6.40	34.80	27.36	72.2	81.9	1487.16	1.2330	542.7
700	6.20	34.83	27.41	67.5	77.5	1487.05	1.2647	592.6
740	5.86	34.84	27.47	62.6	72.6	1486.36	1.2946	643.8
780	5.66	34.85	27.50	59.5	69.7	1486.22	1.3231	696.2
820	5.47	34.87	27.54	55.7	66.2	1486.13	1.3502	749.6
860	5.33	34.87	27.55	54.1	64.8	1486.21	1.3765	804.2
900	5.18	34.88	27.58	51.7	62.6	1486.27	1.4019	859.7
940	5.08	34.90	27.61	49.1	60.3	1486.54	1.4264	916.3
980	4.89	34.90	27.63	47.0	58.3	1486.42	1.4500	973.8
1020	4.75	34.91	27.65	44.7	56.1	1486.51	1.4728	1032.3
1100	4.63	34.92	27.68	42.7	54.7	1487.33	1.5168	1151.9
1200	4.52	34.93	27.70	40.7	53.6	1488.53	1.5709	1306.3
1300	4.42	34.94	27.71	38.9	52.5	1489.77	1.6242	1466.1
1400	4.34	34.94	27.72	38.1	52.4	1491.08	1.6768	1631.1
1500	4.28	34.95	27.74	36.7	51.9	1492.49	1.7290	1801.4
1600	4.24	34.95	27.74	36.3	52.3	1493.97	1.7811	1976.9
1700	4.21	34.96	27.75	35.3	52.1	1495.51	1.8336	2157.6
1800	4.18	34.96	27.76	35.0	52.6	1497.04	1.8859	2343.6
1900	4.17	34.96	27.76	34.9	53.3	1498.66	1.9387	2534.8
2000	4.17	34.97	27.77	34.1	53.5	1500.33	1.9919	2731.4

STD STATION NUMBER 4
 JULY 19, 1971 17.1 7
 LATITUDE 17 42
 LONGITUDE 83 48
 DEPTH TO BOTTOM 5249 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	27.88	36.14	23.31	457.6	457.6	1542.77	.0000	.0
20	27.51	36.13	23.43	446.8	447.6	1542.27	.0905	.9
40	27.35	36.12	23.47	442.6	444.3	1542.23	.1797	3.6
60	27.05	36.18	23.61	429.0	431.6	1541.94	.2673	8.1
80	26.59	36.26	23.82	409.3	412.6	1541.30	.3517	14.3
100	26.01	36.39	24.10	382.5	386.6	1540.41	.4316	22.1
120	24.19	36.64	24.85	311.4	316.2	1536.64	.5019	31.4
140	22.57	36.78	25.43	256.1	261.6	1533.04	.5597	42.1
160	21.14	36.72	25.78	222.2	228.4	1529.59	.6087	53.7
180	20.18	36.69	26.02	199.7	206.4	1527.30	.6522	66.3
200	19.35	36.60	26.17	185.4	192.7	1525.25	.6921	79.8
220	18.79	36.52	26.25	177.5	185.3	1523.92	.7299	94.0
240	17.85	36.39	26.39	164.5	172.8	1521.41	.7657	109.0
260	17.12	36.28	26.48	155.6	164.3	1519.47	.7994	124.6
280	16.56	36.18	26.54	150.2	159.3	1518.01	.8318	140.9
300	16.32	36.17	26.59	145.6	155.3	1517.59	.8632	157.9
340	15.06	35.95	26.71	134.4	144.8	1514.10	.9232	193.6
380	13.77	35.73	26.82	124.0	134.9	1510.36	.9791	231.7
420	12.56	35.56	26.91	115.0	126.2	1507.12	1.0313	271.9
460	11.66	35.40	26.98	108.3	119.8	1504.17	1.0806	314.1
500	10.53	35.23	27.06	101.2	112.6	1500.64	1.1272	358.3
540	10.05	35.19	27.11	96.2	108.1	1499.51	1.1713	404.3
580	9.30	35.10	27.17	90.8	102.8	1497.31	1.2134	452.0
620	8.03	34.91	27.22	85.9	97.1	1492.97	1.2534	501.3
660	7.35	34.83	27.26	82.4	93.3	1490.91	1.2914	552.2
700	6.67	34.80	27.33	75.6	86.3	1488.87	1.3274	604.6
740	6.32	34.83	27.40	69.0	79.7	1488.17	1.3607	658.4
780	5.98	34.85	27.46	63.3	74.1	1487.50	1.3913	713.4
820	5.72	34.86	27.50	59.4	70.3	1487.12	1.4203	769.6
860	5.40	34.88	27.55	54.2	65.0	1486.51	1.4474	827.0
900	5.26	34.88	27.57	52.6	63.7	1486.59	1.4731	885.4
940	5.06	34.90	27.61	48.8	60.0	1486.46	1.4978	944.8
980	4.94	34.90	27.62	47.5	58.9	1486.62	1.5216	1005.2
1020	4.85	34.91	27.64	45.8	57.4	1486.92	1.5448	1066.6
1100	4.71	34.92	27.67	43.5	55.7	1487.66	1.5897	1191.9
1200	4.54	34.93	27.69	41.0	53.8	1488.61	1.6446	1353.7
1300	4.44	34.94	27.71	39.2	52.8	1489.85	1.6977	1520.8
1400	4.36	34.94	27.72	38.3	52.7	1491.16	1.7504	1693.2
1500	4.30	34.95	27.74	37.0	52.1	1492.57	1.8028	1870.9
1600	4.26	34.96	27.75	35.8	51.8	1494.07	1.8550	2053.8
1700	4.24	34.96	27.75	35.6	52.5	1495.64	1.9077	2241.9
1800	4.21	34.96	27.75	35.3	53.0	1497.17	1.9605	2435.3
1900	4.20	34.97	27.76	34.4	53.0	1498.79	2.0137	2634.0
2000	4.19	34.97	27.76	34.3	53.8	1500.41	2.0671	2838.1

STD STATION NUMBER 5
 JULY 19, 1971 23.1 Z
 LATITUDE 18 16
 LONGITUDE 83 43
 DEPTH TO BOTTOM 5157 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.45	36.02	22.90	496.9	496.9	1544.75	.0000	.0
20	28.74	36.07	22.98	489.8	490.6	1544.88	.0987	1.0
40	28.61	36.03	22.99	488.5	490.2	1544.90	.1968	3.9
60	27.10	35.95	23.42	447.1	449.6	1541.85	.2908	8.8
80	26.43	35.99	23.67	423.8	427.2	1540.69	.3785	15.5
100	25.93	36.07	23.88	403.1	407.2	1539.94	.4619	23.9
120	25.28	36.26	24.23	370.2	375.2	1538.92	.5402	33.9
140	24.27	36.59	24.78	317.3	322.9	1537.11	.6100	45.4
160	22.86	36.76	25.33	265.5	271.8	1534.09	.6695	58.2
180	22.05	36.74	25.54	244.9	251.9	1532.32	.7218	72.1
200	20.28	36.65	25.96	205.1	212.6	1527.86	.7683	87.0
220	19.33	36.58	26.16	186.3	194.3	1525.50	.8090	102.8
240	18.68	36.51	26.27	175.5	184.1	1523.92	.8468	119.4
260	18.24	36.47	26.35	167.9	177.0	1522.94	.8829	136.7
280	17.80	36.40	26.41	162.6	172.2	1521.91	.9178	154.7
300	17.42	36.36	26.47	156.6	166.8	1521.08	.9517	173.4
340	16.39	36.15	26.56	148.6	159.6	1518.43	1.0170	212.8
380	15.53	36.04	26.67	137.8	149.7	1516.31	1.0790	254.7
420	14.23	35.81	26.78	127.4	139.7	1512.58	1.1370	299.0
460	12.74	35.55	26.89	117.2	129.5	1508.02	1.1909	345.6
500	11.90	35.41	26.94	111.9	124.5	1505.65	1.2414	394.2
540	10.78	35.23	27.01	105.4	118.0	1502.17	1.2899	444.9
580	9.99	35.12	27.08	98.7	111.3	1499.49	1.3355	497.4
620	8.77	34.98	27.16	91.6	103.7	1495.84	1.3786	551.7
660	8.22	34.93	27.21	87.2	99.3	1494.36	1.4192	607.6
700	7.65	34.87	27.24	83.5	95.6	1492.76	1.4581	665.2
740	7.22	34.85	27.29	79.2	91.2	1491.72	1.4954	724.3
780	6.89	34.84	27.33	75.5	87.7	1491.07	1.5312	784.8
820	6.59	34.83	27.36	72.4	84.7	1490.53	1.5657	846.7
860	6.19	34.82	27.41	68.1	80.3	1489.59	1.5988	910.0
900	5.82	34.84	27.47	62.1	74.2	1488.79	1.6295	974.6
940	5.40	34.87	27.55	54.9	66.8	1487.79	1.6576	1040.4
980	5.18	34.88	27.58	51.7	63.5	1487.57	1.6835	1107.2
1020	5.01	34.90	27.62	48.3	60.3	1487.55	1.7083	1175.0
1100	4.78	34.91	27.65	45.0	57.4	1487.93	1.7550	1313.6
1200	4.58	34.94	27.70	40.6	53.6	1488.79	1.8108	1491.9
1300	4.47	34.93	27.70	40.2	53.9	1489.96	1.8649	1675.7
1400	4.39	34.94	27.72	38.6	53.1	1491.28	1.9179	1864.8
1500	4.34	34.95	27.73	37.4	52.7	1492.74	1.9711	2059.3
1600	4.29	34.95	27.74	36.8	53.0	1494.18	2.0239	2259.0
1700	4.25	34.96	27.75	35.7	52.6	1495.68	2.0764	2464.0
1800	4.24	34.96	27.75	35.6	53.4	1497.29	2.1293	2674.3
1900	4.22	34.97	27.76	34.6	53.3	1498.87	2.1829	2889.9
2000	4.20	34.97	27.76	34.4	54.0	1500.45	2.2365	3110.9

STD STATION NUMBER 006
 JULY 20, 1971 04.7 Z
 LATITUDE 18 31
 LONGITUDE 83 46
 DEPTH TO BOTTOM 1554 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.74	36.06	22.97	490.5	490.5	1544.55	.0000	.0
20	28.68	36.06	22.99	488.6	489.4	1544.75	.0980	1.0
40	28.15	36.06	23.16	471.8	473.5	1543.93	.1943	3.9
60	27.78	36.07	23.29	459.5	462.0	1543.46	.2878	8.7
80	27.02	36.00	23.49	441.0	444.4	1542.04	.3785	15.4
100	26.15	36.07	23.81	409.7	413.8	1540.45	.4643	23.8
120	25.54	36.21	24.11	381.5	386.4	1539.48	.5443	33.9
140	25.10	36.40	24.39	354.0	360.6	1538.94	.6190	45.5
160	23.88	36.68	24.97	299.7	306.2	1536.56	.6857	58.6
180	22.08	36.77	25.56	243.6	250.6	1532.42	.7414	72.9
200	20.71	36.70	25.88	212.5	220.1	1529.07	.7884	88.2
220	19.53	36.60	26.12	189.9	197.9	1526.07	.8302	104.3
240	18.53	36.51	26.31	171.9	180.4	1523.49	.8681	121.3
260	18.05	36.46	26.39	164.1	173.2	1522.38	.9034	139.0
280	17.79	36.42	26.43	160.9	170.5	1521.90	.9378	157.4
300	17.51	36.37	26.46	158.0	168.2	1521.36	.9717	176.5
340	16.89	36.26	26.52	151.8	163.1	1520.05	1.0378	216.7
380	16.34	36.17	26.59	146.0	158.3	1518.94	1.1021	259.5
420	15.61	36.02	26.64	141.0	154.1	1517.18	1.1645	304.9
460	14.10	35.78	26.79	127.0	140.3	1512.77	1.2234	352.6
500	12.56	35.51	26.89	116.7	130.0	1508.01	1.2772	402.7
540	11.73	35.42	26.99	108.1	121.6	1505.72	1.3271	454.8
580	10.46	35.20	27.05	102.2	115.4	1501.64	1.3743	508.8
620	9.51	35.07	27.11	96.4	109.3	1498.69	1.4192	564.7
660	8.67	34.97	27.17	90.8	103.5	1496.10	1.4616	622.3
700	7.89	34.89	27.22	85.4	97.8	1493.70	1.5020	681.6
740	7.58	34.88	27.26	81.8	94.4	1493.15	1.5402	742.4
780	7.14	34.85	27.30	78.1	90.7	1492.06	1.5775	804.8
820	6.68	34.83	27.35	73.5	86.0	1490.89	1.6127	868.6
860	6.12	34.83	27.42	66.5	78.6	1489.32	1.6456	933.8
900	5.87	34.84	27.46	62.7	74.9	1488.99	1.6763	1000.2
940	5.47	34.87	27.54	55.7	67.7	1488.08	1.7046	1067.8
980	5.21	34.89	27.58	51.3	63.2	1487.70	1.7308	1136.5
1020	4.98	34.90	27.62	48.0	59.9	1487.43	1.7552	1206.3
1100	4.74	34.92	27.66	43.8	56.1	1487.78	1.8017	1348.6
1200	4.56	34.93	27.69	41.2	54.1	1488.69	1.8565	1531.5
1300	4.39	34.94	27.72	38.6	52.1	1489.64	1.9092	1719.8
1400	4.30	34.95	27.74	37.0	51.2	1490.92	1.9608	1913.3

STD STATION NUMBER 007
 JULY 20, 1971 09.9 Z
 LATITUDE 18 19
 LONGITUDE 84 02
 DEPTH TO BOTTOM 4737 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.66	36.06	22.99	487.9	487.9	1544.38	.9000	.0
20	28.66	36.06	22.99	487.9	488.8	1544.70	.9077	1.0
40	28.08	36.00	23.14	473.9	475.6	1543.73	.9141	3.9
60	26.84	35.98	23.53	437.0	439.5	1541.29	.9286	8.7
80	26.25	36.03	23.75	415.6	418.9	1540.32	.9375	15.3
100	25.68	36.12	24.00	392.1	396.2	1539.41	.9453	23.5
120	25.07	36.38	24.38	355.5	360.4	1538.53	.9528	33.3
140	24.02	36.64	24.90	306.5	312.2	1536.55	.9599	44.6
160	22.50	36.75	25.42	256.4	262.7	1533.16	.9653	57.1
180	21.19	36.73	25.78	222.8	229.7	1530.06	.9702	70.6
200	20.22	36.67	25.99	202.1	209.6	1527.72	.9746	85.1
220	19.33	36.60	26.18	184.9	192.9	1525.51	.9786	100.4
240	18.52	36.49	26.30	173.1	181.6	1523.44	.9824	116.6
260	18.00	36.44	26.39	164.4	173.4	1522.21	.9859	133.4
280	17.69	36.41	26.45	159.3	168.9	1521.60	.9894	150.9
300	17.33	36.36	26.50	154.6	164.7	1520.81	.9927	169.1
340	16.53	36.22	26.58	146.6	157.7	1518.92	.9918	207.5
380	15.36	35.99	26.67	137.8	149.6	1515.73	1.0531	248.4
420	13.71	35.71	26.81	124.3	136.2	1510.78	1.1103	291.7
460	12.07	35.43	26.93	113.5	125.3	1505.61	1.1619	337.2
500	11.55	35.36	26.97	109.3	121.6	1504.38	1.2110	384.6
540	11.20	35.31	27.00	106.8	119.8	1503.74	1.2594	434.1
580	10.59	35.21	27.03	103.7	117.0	1502.11	1.3068	485.4
620	9.91	35.12	27.08	99.1	112.5	1500.21	1.3525	538.6
660	9.18	35.02	27.12	94.9	108.2	1498.06	1.3966	593.6
700	8.46	34.96	27.19	88.5	101.6	1495.95	1.4384	650.3
740	7.48	34.86	27.26	81.9	94.4	1492.74	1.4776	708.6
780	6.84	34.83	27.33	75.6	87.7	1490.87	1.5139	768.4
820	6.29	34.83	27.40	68.6	80.4	1489.35	1.5477	829.7
860	5.90	34.85	27.47	62.3	74.0	1488.48	1.5786	892.2
900	5.64	34.86	27.51	58.5	70.2	1488.10	1.6076	955.9
940	5.51	34.87	27.53	56.2	68.2	1488.24	1.6352	1020.8
980	5.29	34.88	27.57	52.9	65.0	1488.01	1.6618	1086.7
1020	5.03	34.90	27.61	48.5	60.5	1487.64	1.6869	1153.7
1100	4.76	34.92	27.66	44.1	56.4	1487.87	1.7333	1290.5
1200	4.56	34.93	27.69	41.2	54.1	1488.69	1.7882	1466.6
1300	4.45	34.94	27.71	39.3	52.9	1489.89	1.8413	1648.1
1400	4.35	34.95	27.73	37.5	51.8	1491.13	1.8936	1834.9
1500	4.34	34.95	27.73	37.4	52.7	1492.74	1.9456	2026.8

STD STATION NUMBER 008
 JULY 20, 1971 16.4 7
 LATITUDE 17 52
 LONGITUDE 84 24
 DEPTH TO BOTTOM 4938 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.70	36.14	23.37	452.0	452.0	1542.38	.0000	.0
20	27.62	36.14	23.40	449.5	450.3	1542.52	.0902	.9
40	27.20	36.17	23.56	434.1	435.8	1541.95	.1788	3.6
60	26.82	36.20	23.70	420.5	423.0	1541.44	.2647	8.0
80	26.57	36.28	23.84	407.0	410.3	1541.28	.3481	14.2
100	26.29	36.36	23.99	393.0	397.2	1541.03	.4288	21.9
120	24.93	36.54	24.58	336.5	341.5	1538.38	.5027	31.2
140	23.33	36.76	25.19	278.6	284.3	1534.93	.5653	41.9
160	21.44	36.75	25.72	228.0	234.1	1530.41	.6171	53.7
180	20.12	36.66	26.01	200.6	207.3	1527.12	.6612	66.5
200	19.59	36.61	26.12	190.6	197.9	1525.93	.7018	80.2
220	18.66	36.51	26.28	175.4	183.2	1523.54	.7399	94.6
240	18.03	36.44	26.38	165.1	173.4	1521.98	.7755	109.7
260	17.30	36.33	26.48	155.7	164.5	1520.06	.8093	125.6
280	16.18	36.12	26.59	145.9	155.0	1516.79	.8413	142.1
300	15.54	36.00	26.64	141.2	150.6	1515.03	.8718	159.2
340	14.02	35.73	26.76	129.2	139.0	1510.51	.9293	195.2
380	13.44	35.64	26.82	124.1	134.7	1509.17	.9836	233.5
420	12.75	35.48	26.83	122.7	133.9	1507.32	1.0371	273.9
460	12.04	35.37	26.88	117.7	129.4	1505.44	1.0889	316.4
500	10.84	35.31	27.06	100.8	112.5	1501.84	1.1365	361.0
540	9.98	35.15	27.09	97.8	109.6	1499.22	1.1801	407.3
580	8.37	34.93	27.18	89.4	100.2	1493.62	1.2219	455.4
620	7.69	34.85	27.22	85.4	96.1	1491.59	1.2612	505.0
660	7.13	34.81	27.27	80.9	91.5	1490.02	1.2988	556.2
700	6.83	34.82	27.32	76.1	87.0	1489.54	1.3343	608.9
740	6.50	34.83	27.37	71.2	82.2	1488.89	1.3682	662.9
780	6.25	34.84	27.41	67.4	78.6	1488.57	1.4004	718.3
820	5.90	34.84	27.46	63.1	74.2	1487.81	1.4309	774.9
860	5.70	34.85	27.49	59.9	71.2	1487.69	1.4601	832.8
900	5.48	34.86	27.53	56.7	68.2	1487.47	1.4880	891.7
940	5.31	34.88	27.57	52.9	64.6	1487.44	1.5145	951.8
980	5.09	34.89	27.60	49.9	61.6	1487.22	1.5397	1012.9
1020	4.86	34.90	27.62	47.8	59.7	1487.37	1.5639	1075.0
1100	4.75	34.92	27.66	43.9	56.2	1487.84	1.6105	1201.9
1200	4.59	34.93	27.69	41.5	54.5	1488.82	1.6657	1365.8
1300	4.45	34.94	27.71	39.3	52.9	1489.90	1.7192	1535.0
1400	4.36	34.95	27.73	37.6	52.0	1491.18	1.7716	1709.6
1500	4.31	34.96	27.74	36.3	51.5	1492.63	1.8235	1889.3
1600	4.27	34.96	27.75	35.0	52.0	1494.11	1.8752	2074.3
1700	4.23	34.96	27.75	35.5	52.4	1495.60	1.9274	2264.4
1800	4.21	34.96	27.75	35.3	53.0	1497.17	1.9801	2459.8
1900	4.20	34.97	27.76	34.4	53.0	1498.79	2.0334	2660.4
2000	4.17	34.97	27.77	34.1	53.5	1500.33	2.0866	2866.4

STD STATION NUMBER 009
 JULY 20, 1971 22.6 Z
 LATITUDE 17 29
 LONGITUDE 84 43
 DEPTH TO BOTTOM 4823 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.89	36.03	23.23	465.8	465.8	1542.69	.0000	.0
20	27.88	36.06	23.25	463.6	464.5	1543.03	.0930	.9
40	27.71	36.09	23.33	455.8	457.5	1543.00	.1852	3.7
60	27.12	36.16	23.57	432.6	435.1	1542.08	.2745	8.3
80	25.73	36.35	24.15	377.2	380.5	1539.40	.3561	14.6
100	24.69	36.51	24.59	335.3	339.4	1537.42	.4280	22.5
120	23.78	36.64	24.97	299.9	304.8	1535.62	.4925	31.7
140	22.75	36.71	25.32	266.0	271.6	1533.44	.5501	42.1
160	21.52	36.69	25.66	234.2	240.4	1530.57	.6013	53.6
180	19.87	36.58	26.02	200.0	206.7	1526.35	.6460	66.1
200	18.84	36.40	26.15	187.4	194.5	1523.63	.6861	79.4
220	17.53	36.30	26.40	163.3	170.8	1520.06	.7227	93.5
240	16.58	36.17	26.53	151.6	159.5	1517.41	.7557	108.3
260	15.92	36.08	26.61	143.2	151.5	1515.62	.7868	123.7
280	14.99	35.92	26.70	134.8	143.3	1512.89	.8163	139.7
300	14.56	35.84	26.74	131.8	140.7	1511.75	.8447	156.3
340	13.30	35.61	26.82	123.6	133.0	1508.04	.8997	191.2
380	11.70	35.40	26.97	109.1	118.6	1503.00	.9498	228.2
420	10.92	35.27	27.02	105.2	115.2	1500.78	.9970	267.2
460	9.86	35.13	27.09	97.7	107.7	1497.47	1.0417	308.0
500	9.07	35.01	27.13	93.9	104.0	1495.05	1.0840	350.5
540	8.62	34.96	27.17	90.9	101.2	1493.98	1.1248	394.6
580	7.94	34.90	27.22	85.5	95.8	1491.98	1.1641	440.4
620	7.39	34.86	27.27	80.7	91.1	1490.46	1.2014	487.7
660	6.88	34.83	27.32	76.2	86.5	1489.09	1.2371	536.5
700	6.41	34.83	27.39	70.2	80.5	1487.89	1.2706	586.7
740	6.08	34.83	27.43	66.2	76.5	1487.22	1.3022	638.1
780	5.70	34.86	27.50	59.1	69.4	1486.38	1.3312	690.8
820	5.45	34.87	27.54	55.6	66.0	1486.06	1.3582	744.6
860	5.24	34.88	27.57	52.3	62.8	1485.87	1.3841	799.5
900	5.06	34.90	27.61	48.9	59.6	1485.83	1.4086	855.3
940	4.89	34.90	27.63	47.0	57.9	1485.78	1.4321	912.1
980	4.79	34.92	27.66	44.4	55.5	1486.03	1.4548	969.9
1020	4.70	34.93	27.68	42.6	54.0	1486.33	1.4767	1028.5
1100	4.59	34.94	27.70	40.7	52.7	1487.20	1.5196	1148.4
1200	4.48	34.94	27.71	39.5	52.2	1488.36	1.5720	1302.9
1300	4.38	34.95	27.73	37.8	51.3	1489.63	1.6237	1462.7
1400	4.33	34.95	27.73	37.3	51.6	1491.05	1.6752	1627.7
1500	4.29	34.96	27.74	36.1	51.3	1492.55	1.7264	1797.8
1600	4.26	34.96	27.75	35.8	51.8	1494.07	1.7779	1973.0
1700	4.23	34.96	27.75	35.5	52.3	1495.59	1.8300	2153.4
1800	4.21	34.96	27.75	35.3	53.0	1497.17	1.8826	2339.0
1900	4.18	34.97	27.76	34.3	52.8	1498.72	1.9358	2529.9
2000	4.16	34.97	27.77	34.0	53.4	1500.29	1.9889	2726.2

STD STATION NUMBER 010
 JULY 21, 1971 02.9 Z
 LATITUDE 16 59
 LONGITUDE 85 01
 DEPTH TO BOTTOM 4402 M

Z	T	S	SIAT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.04	35.96	23.12	475.5	475.5	1542.96	.0000	.0
20	28.01	35.98	23.15	472.8	473.6	1543.24	.0949	.9
40	27.73	36.04	23.29	459.0	461.6	1542.99	.1884	3.8
60	26.99	36.08	23.56	434.0	436.5	1541.71	.2783	8.4
80	26.13	36.31	24.00	392.0	395.3	1540.30	.3614	14.8
100	25.23	36.48	24.41	353.0	357.1	1538.67	.4367	22.8
120	23.38	36.70	25.13	284.5	289.3	1534.70	.5013	32.2
140	21.57	36.67	25.63	237.0	242.3	1530.37	.5545	42.8
160	19.92	36.60	26.02	200.0	205.9	1526.20	.5993	54.3
180	18.40	36.44	26.29	173.9	180.2	1522.08	.6379	66.7
200	17.59	36.32	26.40	163.6	170.5	1519.94	.6730	79.8
220	17.07	36.26	26.48	155.6	163.0	1518.65	.7063	93.6
240	16.53	36.18	26.55	149.5	157.4	1517.28	.7384	108.0
260	15.84	36.05	26.61	143.5	151.7	1515.36	.7693	123.1
280	15.21	35.93	26.66	139.0	147.6	1513.58	.7992	138.8
300	14.62	35.86	26.73	131.9	140.8	1511.95	.8281	155.1
340	13.13	35.58	26.84	122.1	131.5	1507.43	.8834	189.3
380	11.72	35.35	26.93	113.0	122.5	1503.04	.9339	225.7
420	10.67	35.22	27.02	104.4	114.1	1499.83	.9814	264.0
460	10.19	35.17	27.07	100.2	110.4	1498.68	1.0261	304.1
500	9.51	35.08	27.15	92.4	102.7	1496.04	1.0687	346.0
540	8.46	34.97	27.20	87.7	97.9	1493.37	1.1087	389.6
580	7.88	34.90	27.23	84.7	94.9	1491.75	1.1474	434.7
620	7.33	34.85	27.28	80.4	90.7	1490.20	1.1844	481.3
660	6.91	34.83	27.32	76.6	87.0	1489.19	1.2199	529.4
700	6.47	34.83	27.38	71.1	81.5	1488.13	1.2537	578.9
740	6.17	34.83	27.42	67.0	77.5	1487.60	1.2855	629.7
780	5.82	34.85	27.48	61.4	71.9	1486.86	1.3154	681.7
820	5.50	34.86	27.52	57.2	67.7	1486.23	1.3433	734.9
860	5.22	34.88	27.57	52.3	62.8	1485.79	1.3694	789.2
900	5.04	34.90	27.61	48.6	59.3	1485.71	1.3938	844.4
940	4.86	34.90	27.63	46.7	57.5	1485.66	1.4171	900.6
980	4.78	34.91	27.65	44.7	55.8	1485.99	1.4398	957.8
1020	4.69	34.93	27.67	42.7	54.1	1486.28	1.4618	1015.8
1100	4.59	34.93	27.69	41.5	53.4	1487.18	1.5047	1134.5
1200	4.51	34.94	27.70	39.9	52.7	1488.51	1.5575	1287.6
1300	4.43	34.95	27.72	38.3	51.9	1489.83	1.6099	1446.0
1400	4.36	34.95	27.73	37.6	52.0	1491.18	1.6618	1609.6
1500	4.31	34.95	27.73	37.1	52.3	1492.62	1.7139	1778.3
1600	4.26	34.96	27.75	35.9	51.9	1494.08	1.7663	1952.4
1700	4.23	34.96	27.75	35.5	52.3	1495.59	1.8183	2131.6
1800	4.20	34.96	27.75	35.2	52.9	1497.13	1.8709	2316.0
1900	4.19	34.97	27.76	34.3	52.9	1498.75	1.9239	2505.8
2000	4.16	34.98	27.77	33.3	52.7	1500.30	1.9769	2700.8

STD STATION NUMBER 11
 JULY 21, 1971 07.3 /
 LATITUDE 16 42
 LONGITUDE 85 22
 DEPTH TO BOTTOM 970 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.92	35.64	22.92	494.8	494.8	1542.40	.0000	.0
20	27.95	35.70	22.96	491.4	492.2	1542.84	.0987	1.0
40	27.96	35.98	23.20	468.2	469.9	1543.22	.1949	3.9
60	26.35	36.24	23.88	403.2	405.7	1540.42	.2825	8.7
80	25.16	36.48	24.43	350.9	354.2	1538.18	.3585	15.1
100	23.98	36.65	24.92	304.7	308.7	1535.81	.4248	22.9
120	22.49	36.74	25.42	256.6	261.4	1532.48	.4818	32.0
140	21.20	36.68	25.74	226.6	232.0	1529.39	.5311	42.1
160	19.60	36.57	26.08	194.1	199.9	1525.28	.5743	53.2
180	18.15	36.37	26.30	173.0	179.2	1521.31	.6122	65.1
200	16.94	36.24	26.50	154.4	161.1	1517.93	.6462	77.6
220	15.91	36.07	26.61	144.1	151.1	1514.93	.6775	90.9
240	15.16	35.94	26.68	137.3	144.7	1512.79	.7071	104.7
260	14.57	35.85	26.74	131.0	138.8	1511.14	.7354	119.1
280	13.66	35.68	26.80	125.6	133.5	1508.34	.7626	134.1
300	12.67	35.53	26.89	117.1	125.1	1505.19	.7885	149.6
340	11.60	35.35	26.96	110.8	119.3	1501.97	.8374	182.2
380	10.64	35.22	27.03	103.8	112.6	1499.09	.8837	216.6
420	9.26	35.12	27.09	98.1	107.3	1496.83	.9276	252.8
460	9.15	35.04	27.14	93.1	102.5	1494.76	.9697	290.8
500	8.65	35.00	27.19	88.3	97.9	1493.50	1.0098	330.4
540	8.11	34.93	27.22	85.6	95.4	1492.01	1.0488	371.5
580	7.73	34.90	27.26	82.4	92.5	1491.17	1.0863	414.3
620	7.43	34.88	27.28	79.7	90.1	1490.64	1.1231	458.4
660	7.29	34.86	27.29	79.1	90.0	1490.73	1.1591	504.1
700	6.68	34.84	27.36	72.8	83.4	1488.95	1.1940	551.2
740	6.41	34.83	27.39	70.1	81.0	1488.53	1.2268	599.6
780	6.14	34.84	27.43	66.0	77.0	1488.11	1.2586	649.3
820	5.75	34.87	27.50	59.0	70.0	1487.26	1.2877	700.2
860	5.60	34.88	27.53	56.7	67.9	1487.33	1.3153	752.3
900	5.46	34.89	27.55	54.4	65.7	1487.40	1.3420	805.4
940	5.31	34.90	27.58	52.1	63.6	1487.46	1.3679	859.6
980	5.16	34.90	27.60	49.8	61.5	1487.53	1.3929	914.8
1020	5.01	34.91	27.62	47.5	59.4	1487.59	1.4171	971.0
1100	4.72	34.93	27.67	42.9	55.1	1487.72	1.4629	1086.3

STD STATION NUMBER 012
 JULY 21, 1971 14.0 Z
 LATITUDE 16 14
 LONGITUDE 85 41
 DEPTH TO BOTTOM 0988 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.58	35.90	23.23	465.5	465.5	1541.90	.0000	.0
20	27.53	35.93	23.24	464.9	465.8	1542.35	.0931	.9
40	27.58	36.00	23.30	458.5	460.2	1542.63	.1857	3.7
60	26.96	36.14	23.61	429.5	432.1	1541.71	.2750	8.3
80	25.29	36.44	24.36	357.2	360.5	1538.45	.3542	14.6
100	24.44	36.59	24.73	322.0	326.1	1536.88	.4229	22.4
120	23.40	36.69	25.12	285.7	290.5	1534.73	.4845	31.5
140	22.07	36.73	25.53	246.5	251.9	1531.72	.5388	41.7
160	20.00	36.53	25.94	207.1	213.0	1526.35	.5853	52.9
180	18.31	36.40	26.28	174.9	181.2	1521.77	.6247	65.0
200	17.09	36.22	26.45	159.2	165.9	1518.35	.6594	77.9
220	16.01	36.05	26.57	147.6	154.6	1515.22	.6914	91.4
240	14.79	35.88	26.71	134.2	141.4	1511.55	.7210	105.5
260	13.91	35.72	26.78	127.4	134.8	1508.87	.7487	120.2
280	12.73	35.52	26.87	119.3	126.9	1505.07	.7748	135.4
300	11.26	35.42	26.94	111.9	119.6	1502.65	.7995	151.2
340	11.25	35.34	27.01	105.8	114.0	1500.73	.8463	184.1
380	10.49	35.22	27.06	101.2	109.9	1498.56	.8910	218.9
420	9.73	35.10	27.10	97.5	106.5	1496.31	.9345	255.4
460	9.20	35.04	27.14	93.5	102.9	1494.92	.9763	293.6
500	8.70	34.98	27.17	90.4	100.1	1493.66	1.0168	333.5
540	8.39	34.95	27.20	88.1	98.3	1493.09	1.0565	374.9
580	7.92	34.92	27.24	83.6	94.0	1491.93	1.0949	418.0
620	7.69	34.90	27.26	82.1	92.9	1491.66	1.1323	462.5
660	7.08	34.83	27.30	78.6	89.2	1489.88	1.1689	508.5
700	6.59	34.84	27.37	71.3	81.8	1488.61	1.2031	556.0
740	6.20	34.85	27.43	66.0	76.5	1487.72	1.2347	604.7
780	5.87	34.85	27.47	62.0	72.6	1487.07	1.2645	654.7
820	5.70	34.86	27.50	59.2	70.0	1487.04	1.2929	705.9
860	5.43	34.87	27.54	55.3	66.2	1486.61	1.3203	758.1
900	5.19	34.89	27.59	51.0	62.0	1486.32	1.3459	811.5

STD STATION NUMBER A12
 JULY 21, 1971 15.5 /
 LATITUDE 16 18
 LONGITUDE 85 41
 DEPTH TO BOTTOM 988 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.67	35.94	23.23	465.4	465.4	1542.13	.0000	.0
20	27.64	35.98	23.27	461.3	462.1	1542.42	.0928	.9
40	27.65	36.02	23.30	458.7	460.4	1542.80	.1850	3.7
60	26.92	36.16	23.64	426.6	429.1	1541.62	.2739	8.3
80	25.40	36.45	24.33	360.0	363.3	1538.71	.3532	14.6
100	24.34	36.61	24.78	318.0	322.1	1536.64	.4217	22.3
120	23.47	36.68	25.09	288.4	293.2	1534.90	.4833	31.4
140	21.87	36.63	25.51	247.9	253.2	1531.11	.5379	41.6
160	19.95	36.52	25.95	206.2	212.1	1526.20	.5844	52.8
180	18.45	36.44	26.28	175.1	181.4	1522.23	.6238	64.9
200	17.51	36.29	26.40	163.8	170.7	1519.68	.6590	77.7
220	16.10	36.09	26.58	146.5	153.6	1515.54	.6914	91.2
240	14.97	35.90	26.69	136.1	143.4	1512.17	.7211	105.3
260	13.76	35.79	26.80	126.1	133.5	1508.37	.7488	120.0
280	13.11	35.62	26.87	119.1	126.9	1506.45	.7748	135.3
300	12.14	35.42	26.91	115.3	123.1	1503.29	.7998	151.0
340	11.11	35.31	27.02	105.2	113.3	1500.21	.8465	184.0
380	10.32	35.20	27.07	99.8	108.4	1497.91	.8911	218.7
420	9.58	35.10	27.12	95.5	104.4	1495.75	.9337	255.2
460	9.18	35.04	27.14	93.1	102.5	1494.87	.9751	293.4
500	8.67	34.98	27.17	90.1	99.8	1493.54	1.0156	333.2
540	8.35	34.94	27.19	88.5	98.6	1492.91	1.0551	374.6
580	7.94	34.90	27.23	85.2	95.5	1491.97	1.0938	417.6
620	7.46	34.87	27.27	80.7	91.2	1490.76	1.1310	462.1
660	6.94	34.84	27.32	76.0	86.4	1489.35	1.1665	508.1
700	6.53	34.85	27.39	70.2	80.6	1488.38	1.1998	555.4
740	6.27	34.85	27.42	67.0	77.7	1488.02	1.2314	604.0
780	5.93	34.86	27.47	61.9	72.6	1487.32	1.2616	653.9
820	5.75	34.87	27.50	59.1	70.1	1487.25	1.2901	704.9
860	5.52	34.87	27.53	56.4	67.5	1486.99	1.3176	757.1
900	5.26	34.89	27.58	52.0	63.1	1486.61	1.3438	810.3
940	5.11	34.91	27.61	48.4	59.7	1486.68	1.3681	864.6
980	5.03	34.92	27.63	47.2	58.8	1487.02	1.3918	919.8
1020	4.95	34.92	27.64	46.1	57.9	1487.36	1.4152	975.9
1100	4.80	34.93	27.66	43.7	56.1	1488.04	1.4608	1090.9
1200	4.60	34.94	27.70	40.8	53.8	1488.89	1.5158	1239.8

STD STATION NUMBER 013
 JULY 21, 1971 19.0 °
 LATITUDE 16 16
 LONGITUDE 86 11
 DEPTH TO BOTTOM 1372 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.55	36.16	23.43	445.9	445.9	1542.06	.0000	.0
20	27.44	36.17	23.48	441.8	442.6	1542.16	.0889	.9
40	27.42	36.17	23.48	441.3	443.0	1542.44	.1774	3.6
60	27.14	36.17	23.57	432.6	435.1	1542.14	.2652	8.0
80	26.47	36.24	23.84	406.8	410.3	1541.02	.3498	14.1
100	24.52	36.61	24.79	316.8	320.9	1536.60	.4229	21.9
120	22.95	36.71	25.26	271.7	276.4	1533.63	.4826	30.9
140	21.21	36.66	25.72	228.4	233.7	1529.40	.5336	41.1
160	19.47	36.55	26.10	191.6	197.5	1524.89	.5767	52.2
180	18.52	36.43	26.30	172.8	179.1	1521.83	.6144	64.1
200	17.11	36.23	26.45	159.0	165.7	1518.43	.6489	76.7
220	16.19	36.13	26.59	145.3	152.4	1515.87	.6807	90.0
240	15.47	36.01	26.66	138.7	146.2	1513.84	.7105	103.9
260	14.61	35.86	26.74	131.8	139.6	1511.29	.7391	118.4
280	13.27	35.60	26.82	124.0	131.7	1506.94	.7662	133.5
300	12.47	35.50	26.90	116.1	124.0	1504.50	.7918	149.1
340	11.47	35.36	26.99	107.7	116.1	1501.54	.8397	181.7
380	10.18	35.17	27.07	99.9	108.4	1497.40	.8851	216.2
420	9.71	35.04	27.09	98.1	107.0	1496.23	.9280	252.5
460	9.10	35.04	27.15	92.2	101.5	1494.57	.9693	290.4
500	8.50	34.97	27.19	88.5	98.0	1492.90	1.0096	330.0
540	8.18	34.94	27.22	85.9	95.8	1492.29	1.0482	371.2
580	7.54	34.89	27.28	80.4	90.3	1490.42	1.0855	413.8
620	7.01	34.86	27.33	75.6	85.5	1489.00	1.1208	458.0
660	6.56	34.85	27.38	70.7	80.6	1487.85	1.1542	503.5
700	6.52	34.85	27.41	67.5	77.7	1487.56	1.1856	550.3
740	6.11	34.85	27.44	64.9	75.3	1487.39	1.2163	598.3
780	5.90	34.86	27.48	61.5	72.2	1487.18	1.2457	647.6
820	5.70	34.86	27.50	58.8	69.7	1487.04	1.2742	698.0
860	5.51	34.88	27.54	55.5	66.6	1486.97	1.3014	749.5
900	5.26	34.89	27.58	51.6	62.7	1486.60	1.3273	802.0
940	5.08	34.90	27.61	49.0	60.2	1486.52	1.3518	855.6
980	4.97	34.91	27.63	47.0	58.5	1486.77	1.3756	910.2
1020	4.88	34.92	27.65	45.4	57.1	1487.07	1.3986	965.7
1100	4.80	34.92	27.66	44.5	56.9	1488.04	1.4442	1079.4
1200	4.77	34.93	27.67	43.4	56.9	1489.56	1.5008	1226.6
1300	4.66	34.93	27.68	41.9	56.1	1490.74	1.5577	1379.6
1400	4.45	34.94	27.72	38.9	53.5	1491.53	1.6125	1538.1

STD STATION NUMBER 014
 JULY 22, 1971 00.0 /
 LATITUDE 16 22
 LONGITUDE 86 54
 DEPTH TO BOTTOM 3219 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.94	36.15	23.30	458.7	458.7	1542.91	.0000	.0
20	27.68	36.14	23.38	451.3	452.2	1542.66	.0911	.9
40	27.47	36.17	23.47	442.8	444.5	1542.55	.1808	3.6
60	26.63	36.17	23.74	416.8	419.2	1540.99	.2671	8.1
80	25.62	36.40	24.23	370.4	373.7	1539.19	.3464	14.2
100	23.96	36.65	24.92	303.9	307.9	1535.77	.4146	21.9
120	22.47	36.72	25.41	257.7	262.4	1532.42	.4716	30.7
140	21.35	36.71	25.72	228.4	233.8	1529.81	.5212	40.6
160	19.82	36.60	26.05	197.1	203.0	1525.91	.5649	51.5
180	18.08	36.38	26.33	170.4	176.7	1521.10	.6029	63.2
200	17.20	36.30	26.48	155.9	162.7	1518.76	.6368	75.6
220	16.29	36.13	26.57	147.8	154.9	1516.17	.6686	88.6
240	15.58	36.03	26.66	139.4	146.9	1514.20	.6988	102.3
260	14.61	35.86	26.74	131.7	139.5	1511.30	.7274	116.6
280	13.90	35.72	26.78	127.4	135.4	1509.17	.7549	131.4
300	13.20	35.61	26.84	121.4	129.7	1507.07	.7814	146.8
340	11.93	35.41	26.94	112.4	121.1	1503.18	.8318	179.0
380	10.73	35.24	27.03	103.7	112.6	1499.43	.8783	213.2
420	10.10	35.16	27.08	98.9	108.2	1497.72	.9225	249.3
460	9.33	35.07	27.14	93.8	103.3	1495.44	.9649	287.0
500	8.68	34.98	27.17	90.2	99.9	1493.56	1.0054	326.4
540	8.06	34.91	27.21	86.4	96.2	1491.80	1.0449	367.4
580	7.48	34.87	27.27	81.1	90.9	1490.18	1.0822	410.0
620	7.02	34.86	27.33	75.7	85.6	1489.01	1.1175	454.0
660	6.56	34.84	27.37	71.2	81.1	1487.85	1.1508	499.3
700	6.24	34.84	27.42	67.3	77.3	1487.24	1.1825	546.0
740	5.91	34.85	27.47	62.4	72.5	1486.60	1.2125	593.9
780	5.61	34.87	27.52	57.3	67.5	1486.06	1.2404	643.0
820	5.39	34.88	27.56	53.8	64.1	1485.81	1.2668	693.1
860	5.14	34.89	27.60	50.2	60.6	1485.47	1.2917	744.3
900	4.99	34.91	27.63	47.3	57.9	1485.52	1.3154	796.4
940	4.84	34.92	27.65	45.0	55.8	1485.57	1.3381	849.5
980	4.71	34.93	27.67	43.0	54.0	1485.70	1.3600	903.5
1020	4.61	34.94	27.69	41.3	52.5	1485.98	1.3813	958.3
1100	4.49	34.96	27.72	38.2	49.9	1486.81	1.4223	1070.5
1200	4.40	34.95	27.72	38.0	50.5	1488.06	1.4722	1215.2
1300	4.34	34.96	27.74	36.6	50.0	1489.47	1.5222	1364.9
1400	4.30	34.96	27.74	36.2	50.5	1490.96	1.5725	1519.6
1500	4.23	34.96	27.75	35.5	50.5	1492.31	1.6230	1679.4
1600	4.20	34.97	27.76	34.4	50.3	1493.84	1.6734	1844.2
1700	4.19	34.97	27.76	34.3	51.1	1495.45	1.7240	2014.1
1800	4.16	34.98	27.77	33.3	50.9	1496.99	1.7750	2189.1
1900	4.13	34.98	27.78	33.0	51.3	1498.52	1.8261	2369.1
2000	4.11	34.98	27.78	32.8	51.9	1500.10	1.8777	2554.3

STD STATION NUMBER 015
 JULY 22, 1971 04.5 7
 LATITUDE 16 16
 LONGITUDE 87 10
 DEPTH TO BOTTOM 1899 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHT	TRANS
0	27.97	35.89	23.09	478.4	478.4	1542.74	.0000	.0
20	27.96	35.90	23.11	477.3	478.2	1543.05	.0957	1.0
40	27.82	36.02	23.24	464.6	466.3	1543.17	.1901	3.8
60	26.24	36.25	23.92	399.7	402.2	1540.17	.2769	8.5
80	25.29	36.49	24.40	353.8	357.1	1538.50	.3529	14.8
100	24.13	36.63	24.86	310.4	314.4	1536.16	.4200	22.5
120	22.60	36.68	25.34	264.1	268.9	1532.71	.4784	31.5
140	20.80	36.71	25.87	214.1	219.4	1528.35	.5272	41.6
160	19.21	36.52	26.14	188.2	194.0	1524.15	.5685	52.5
180	17.79	36.34	26.37	166.7	172.9	1520.21	.6052	64.2
200	16.90	36.24	26.51	153.5	160.2	1517.79	.6385	76.7
220	16.10	36.11	26.60	145.1	152.2	1515.57	.6698	89.8
240	15.65	36.01	26.62	142.9	150.5	1514.41	.7000	103.5
260	14.89	35.90	26.71	134.2	142.1	1512.21	.7293	117.8
280	14.23	35.76	26.75	130.7	138.9	1510.28	.7574	132.6
300	13.17	35.60	26.84	121.8	130.1	1506.95	.7843	148.0
340	12.12	35.41	26.90	115.9	124.7	1503.83	.8347	180.4
380	10.86	35.25	27.01	105.6	114.6	1499.91	.8822	214.8
420	10.12	35.15	27.07	99.9	109.2	1497.77	.9266	251.0
460	9.40	35.08	27.13	94.0	103.6	1495.72	.9692	288.9
500	8.77	34.99	27.17	90.9	100.7	1493.93	1.0100	328.5
540	8.26	34.93	27.20	87.7	97.7	1492.57	1.0496	369.7
580	7.61	34.86	27.24	83.7	93.7	1490.66	1.0880	412.4
620	6.98	34.84	27.32	76.7	86.5	1488.83	1.1243	456.7
660	6.65	34.83	27.36	72.9	82.9	1488.17	1.1582	502.3
700	6.39	34.84	27.40	69.2	79.4	1487.84	1.1906	549.3
740	6.09	34.85	27.44	64.6	75.0	1487.28	1.2214	597.5
780	5.80	34.85	27.48	60.8	71.2	1486.77	1.2507	647.0
820	5.47	34.87	27.54	55.8	66.3	1486.12	1.2783	697.6
860	5.23	34.89	27.58	51.8	62.3	1485.82	1.3039	749.2
900	5.10	34.90	27.61	49.3	60.1	1485.97	1.3284	801.9
940	4.96	34.91	27.63	46.9	57.9	1486.09	1.3520	855.5
980	4.89	34.92	27.65	45.4	56.7	1486.43	1.3749	910.0
1020	4.74	34.92	27.66	43.9	55.4	1486.50	1.3973	965.5
1100	4.57	34.94	27.70	40.5	52.4	1487.12	1.4403	1079.0
1200	4.45	34.95	27.72	38.5	51.2	1488.27	1.4923	1225.6
1300	4.34	34.95	27.73	37.4	50.7	1489.46	1.5432	1377.4
1400	4.29	34.96	27.74	36.1	50.3	1490.91	1.5935	1534.2
1500	4.26	34.96	27.75	35.8	50.9	1492.43	1.6441	1696.1
1600	4.24	34.97	27.76	34.9	50.8	1494.01	1.6950	1863.1
1700	4.20	34.97	27.76	34.4	51.2	1495.49	1.7460	2035.1

STD STATION NUMBER 016
 JULY 22, 1971 08.9 7
 LATITUDE 16 15
 LONGITUDE 87 34
 DEPTH TO BOTTOM 1591 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.30	35.79	22.91	495.0	495.9	1543.36	.0000	.0
20	28.13	35.82	22.99	488.0	488.8	1543.34	.0985	1.0
40	27.82	36.00	23.23	465.3	467.0	1543.15	.1941	3.9
60	26.42	36.14	23.78	413.0	415.5	1540.49	.2823	8.7
80	25.56	36.39	24.23	369.6	372.9	1539.05	.3612	15.1
100	24.30	36.64	24.82	314.2	318.3	1536.59	.4303	23.0
120	22.74	36.71	25.33	265.7	270.5	1533.08	.4891	32.2
140	21.14	36.70	25.77	223.5	228.9	1529.26	.5391	42.5
160	19.58	36.52	26.05	196.7	202.6	1525.19	.5822	53.7
180	18.03	36.37	26.33	170.3	176.5	1520.96	.6201	65.7
200	16.62	36.18	26.53	151.6	158.2	1516.91	.6536	78.5
220	15.77	36.03	26.61	143.3	150.3	1514.47	.6845	91.9
240	14.93	35.92	26.72	133.7	141.0	1512.06	.7136	105.8
260	14.17	35.78	26.77	128.2	135.8	1509.79	.7413	120.4
280	13.52	35.67	26.83	123.1	131.0	1507.86	.7680	135.5
300	12.85	35.58	26.89	117.1	125.2	1505.86	.7936	151.1
340	11.57	35.36	26.97	109.0	118.3	1501.87	.8420	183.8
380	10.45	35.24	27.08	99.4	108.1	1498.44	.8876	218.4
420	9.71	35.12	27.12	95.6	104.6	1496.29	.9303	254.8
460	9.00	35.04	27.17	90.7	99.9	1494.20	.9710	292.8
500	8.44	34.98	27.21	86.7	96.2	1492.69	1.0103	332.4
540	8.17	34.96	27.23	84.5	94.4	1492.28	1.0485	373.6
580	7.81	34.91	27.28	80.0	90.0	1490.74	1.0854	416.3
620	7.04	34.88	27.34	74.9	84.8	1489.12	1.1205	460.4
660	6.61	34.87	27.39	69.7	79.7	1488.10	1.1533	505.9
700	6.37	34.87	27.42	66.6	76.8	1487.77	1.1846	552.7
740	6.17	34.87	27.45	64.1	74.7	1487.62	1.2149	600.7
780	5.88	34.88	27.49	60.0	70.6	1487.13	1.2440	649.8
820	5.60	34.88	27.53	56.5	67.2	1486.66	1.2715	700.1
860	5.41	34.90	27.57	53.0	63.9	1486.57	1.2978	751.5
900	5.17	34.93	27.62	48.1	59.1	1486.27	1.3223	803.9
940	5.03	34.94	27.65	45.2	56.3	1486.39	1.3454	857.3
980	4.89	34.95	27.67	43.1	54.4	1486.48	1.3675	911.6
1020	4.78	34.95	27.68	42.1	53.7	1486.67	1.3891	966.7
1100	4.69	34.95	27.69	41.0	53.3	1487.62	1.4319	1079.5
1200	4.53	34.97	27.73	37.8	50.6	1488.61	1.4834	1225.3

STD STATION NUMBER 017
 JULY 22, 1971 13.4 Z
 LATITUDE 16 32
 LONGITUDE 87 32
 DEPTH TO BOTTOM 2586 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.00	36.05	23.24	464.7	464.7	1542.73	.0000	.0
20	27.21	36.05	23.23	465.0	465.8	1543.08	.0931	.9
40	27.93	36.05	23.23	465.8	467.5	1543.46	.1864	3.7
60	26.58	36.09	23.66	424.1	426.6	1541.04	.2758	8.3
80	25.94	36.30	24.06	386.7	390.0	1539.85	.3575	14.7
100	24.47	36.59	24.72	323.0	327.1	1536.95	.4292	22.5
120	22.52	36.79	25.45	253.9	258.6	1532.60	.4877	31.7
140	20.86	36.67	25.82	218.6	223.9	1528.48	.5360	42.0
160	19.14	36.52	26.16	186.0	191.8	1523.93	.5776	53.1
180	17.98	36.40	26.37	166.7	172.9	1520.84	.6140	65.0
200	17.02	36.28	26.51	153.2	159.9	1518.19	.6473	77.6
220	16.44	36.17	26.56	148.2	155.4	1516.67	.6788	90.9
240	16.03	36.08	26.59	145.5	153.2	1515.66	.7097	104.8
260	15.27	35.99	26.69	136.1	144.2	1513.50	.7394	119.3
280	14.36	35.81	26.76	129.9	138.2	1510.77	.7677	134.3
300	13.39	35.66	26.84	121.6	130.0	1507.75	.7945	149.9
340	11.97	35.44	26.95	111.2	119.9	1503.34	.8449	182.7
390	10.66	35.21	27.02	104.9	113.7	1499.15	.8915	217.5
420	9.62	35.08	27.10	97.1	106.0	1495.90	.9352	254.0
460	8.82	35.01	27.17	90.4	99.4	1493.49	.9764	292.3
500	8.36	34.96	27.21	87.0	96.4	1492.35	1.0154	332.1
540	8.06	34.94	27.23	84.4	94.2	1491.84	1.0535	373.5
580	7.76	34.91	27.26	82.0	92.2	1491.29	1.0909	416.4
620	7.30	34.86	27.28	79.7	90.0	1490.12	1.1271	460.7
660	6.91	34.85	27.33	75.0	85.4	1489.24	1.1623	506.5
700	6.66	34.83	27.35	73.3	83.9	1488.88	1.1959	553.7
740	6.40	34.84	27.40	69.2	80.1	1488.51	1.2288	602.2
780	6.00	34.84	27.45	64.0	74.8	1487.58	1.2598	652.0
820	5.65	34.87	27.52	57.9	68.6	1486.86	1.2885	702.9
860	5.40	34.84	27.56	53.9	64.8	1486.52	1.3153	755.0
900	5.16	34.90	27.60	50.0	60.9	1486.22	1.3403	808.1
940	4.98	34.90	27.62	47.9	58.9	1486.12	1.3643	862.2
980	4.83	34.92	27.65	44.9	56.1	1486.19	1.3873	917.3
1020	4.71	34.94	27.68	42.3	53.7	1486.37	1.4092	973.2
1100	4.52	34.95	27.71	39.2	51.1	1486.93	1.4509	1087.6
1200	4.44	34.95	27.72	38.4	51.0	1488.23	1.5018	1235.2
1300	4.38	34.96	27.74	37.0	50.5	1489.63	1.5529	1388.0
1400	4.32	34.96	27.74	36.4	50.7	1491.03	1.6035	1545.8
1500	4.27	34.96	27.75	35.9	51.0	1492.47	1.6544	1708.7
1600	4.23	34.97	27.76	34.7	50.6	1493.95	1.7051	1876.7
1700	4.21	34.97	27.76	34.5	51.3	1495.53	1.7561	2049.7
1800	4.18	34.98	27.77	33.5	51.1	1497.07	1.8073	2227.9
1900	4.16	34.98	27.77	33.3	51.7	1498.64	1.8587	2411.2
2000	4.13	34.98	27.78	33.0	52.2	1500.19	1.9107	2599.7

STD STATION NUMBER 018
 JULY 22, 1971 18.3 Z
 LATITUDE 16 57
 LONGITUDE 87 34
 DEPTH TO BOTTOM 2414 M

Z	T	S	SIGT	TANCM	SVA	SVEL	DYNHGT	TRANS
0	28.13	36.04	23.15	472.6	472.6	1543.22	.0000	.0
20	28.08	36.04	23.17	471.0	471.9	1543.44	.0944	.9
40	28.06	36.04	23.18	470.4	472.1	1543.72	.1888	3.8
60	27.33	36.09	23.45	444.1	446.6	1542.49	.2807	8.5
80	25.79	36.35	24.14	378.8	382.1	1539.54	.3636	14.9
100	24.42	36.58	24.73	322.3	326.3	1536.82	.4344	22.9
120	22.63	36.70	25.35	263.5	268.3	1532.81	.4939	32.2
140	20.86	36.66	25.81	219.3	224.6	1528.47	.5432	42.6
160	19.24	36.54	26.15	187.0	192.8	1524.24	.5849	53.8
180	18.45	36.47	26.30	172.9	179.3	1522.26	.6221	65.9
200	17.61	36.36	26.43	161.0	167.9	1520.03	.6569	78.7
220	16.71	36.20	26.52	152.1	159.4	1517.52	.6896	92.2
240	15.70	36.04	26.63	141.5	149.0	1514.59	.7204	106.3
260	14.79	35.88	26.71	133.8	141.7	1511.88	.7495	121.0
280	14.23	35.81	26.78	127.4	135.6	1510.33	.7772	136.2
300	13.30	35.65	26.85	120.6	129.0	1507.44	.8037	152.0
340	11.77	35.41	26.97	109.6	118.1	1502.63	.8530	185.2
380	10.50	35.23	27.06	100.7	109.4	1498.60	.8928	220.2
420	9.73	35.13	27.12	95.4	104.4	1496.35	.9416	257.0
460	9.31	35.07	27.14	93.2	102.7	1495.38	.9829	295.5
500	8.44	34.98	27.21	86.7	96.1	1492.68	1.0229	335.6
540	7.71	34.91	27.27	81.4	90.8	1490.46	1.0604	377.3
580	7.38	34.89	27.30	78.3	88.1	1489.81	1.0961	420.5
620	7.15	34.88	27.32	76.0	86.1	1489.56	1.1310	465.0
660	6.75	34.86	27.36	72.2	82.4	1488.62	1.1649	510.9
700	6.67	34.86	27.37	71.2	81.8	1488.95	1.1977	558.2
740	6.16	34.86	27.44	64.7	75.3	1487.58	1.2294	606.7
780	5.97	34.86	27.47	62.4	73.2	1487.48	1.2592	656.5
820	5.64	34.88	27.52	57.0	67.8	1486.83	1.2874	707.4
860	5.43	34.90	27.57	53.0	64.0	1486.66	1.3139	759.5
900	5.13	34.91	27.61	48.9	59.7	1486.11	1.3390	812.5
940	4.98	34.92	27.64	46.5	57.5	1486.16	1.3624	866.5
980	4.91	34.92	27.64	45.7	57.0	1486.53	1.3853	921.5
1020	4.82	34.93	27.66	44.0	55.6	1486.82	1.4079	977.4
1100	4.65	34.94	27.69	41.4	53.5	1487.45	1.4515	1091.8
1200	4.51	34.95	27.71	39.1	52.0	1488.52	1.5042	1239.6
1300	4.41	34.96	27.73	37.3	50.9	1489.76	1.5558	1392.6
1400	4.32	34.96	27.74	36.4	50.7	1491.03	1.6064	1550.7
1500	4.26	34.97	27.76	35.0	50.1	1492.44	1.6571	1713.9
1600	4.23	34.97	27.76	34.7	50.7	1493.96	1.7074	1882.1
1700	4.20	34.97	27.76	34.4	51.2	1495.49	1.7583	2055.4
1800	4.17	34.98	27.77	33.4	51.0	1497.03	1.8094	2233.7
1900	4.14	34.98	27.78	33.1	51.5	1498.56	1.8604	2417.2
2000	4.12	34.99	27.79	32.1	51.4	1500.15	1.9119	2605.8

STD STATION NUMBER 019
 JULY 23, 1971 00.1 Z
 LATITUDE 17 28
 LONGITUDE 87 08
 DEPTH TO BOTTOM 3625 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.11	35.88	23.04	483.5	483.5	1543.04	.0000	.0
20	27.97	35.88	23.09	479.1	479.9	1543.06	.0963	1.0
40	27.95	35.96	23.15	472.7	474.4	1543.41	.1918	3.8
60	27.48	36.06	23.58	450.9	453.4	1542.79	.2846	8.6
80	26.64	36.17	23.73	417.3	420.6	1541.34	.3720	15.2
100	25.46	36.41	24.29	364.7	368.9	1539.15	.4509	23.4
120	24.44	36.60	24.74	321.4	326.3	1537.21	.5204	33.1
140	22.23	36.70	25.46	252.7	258.1	1532.10	.5789	44.1
160	19.98	36.56	25.97	204.0	209.9	1526.31	.6257	56.2
180	18.24	36.41	26.31	172.2	178.6	1521.59	.6645	69.1
200	17.19	36.28	26.47	157.2	163.9	1518.71	.6988	82.7
220	16.19	36.12	26.58	146.3	153.4	1515.86	.7305	97.0
240	15.36	35.98	26.66	138.5	146.0	1513.47	.7604	111.9
260	14.53	35.84	26.74	131.4	139.1	1511.01	.7889	127.4
280	13.64	35.71	26.83	122.9	130.9	1508.30	.8159	143.4
300	12.97	35.60	26.88	117.9	126.1	1506.28	.8416	160.0
340	11.28	35.33	27.00	106.7	115.0	1500.83	.8903	194.7
380	10.03	35.15	27.08	98.8	107.2	1496.82	.9346	231.2
420	9.14	35.04	27.15	92.8	101.3	1494.07	.9762	269.4
460	8.97	35.01	27.17	90.9	100.0	1493.68	1.0163	309.2
500	8.57	34.98	27.19	88.6	98.2	1493.16	1.0559	350.7
540	8.06	34.91	27.21	86.4	96.1	1491.79	1.0949	393.7
580	7.31	34.86	27.29	79.6	89.2	1489.50	1.1319	438.2
620	6.63	34.83	27.36	72.9	82.3	1487.46	1.1662	484.2
660	6.32	34.82	27.39	69.7	79.3	1486.87	1.1984	531.5
700	6.02	34.85	27.45	63.8	73.5	1486.36	1.2288	580.1
740	5.72	34.86	27.50	59.4	69.3	1485.82	1.2573	629.8
780	5.36	34.89	27.57	53.0	62.8	1485.06	1.2836	680.6
820	5.14	34.90	27.60	49.7	59.7	1484.83	1.3080	732.4
860	5.00	34.91	27.63	47.4	57.6	1484.93	1.3314	785.2
900	4.84	34.92	27.65	44.9	55.2	1484.94	1.3539	838.9
940	4.74	34.94	27.68	42.3	52.9	1485.20	1.3755	893.5
980	4.65	34.95	27.70	40.6	51.5	1485.50	1.3966	949.0
1020	4.60	34.95	27.70	40.1	51.3	1485.95	1.4172	1005.3
1100	4.50	34.95	27.71	39.0	50.8	1486.84	1.4583	1120.3
1200	4.40	34.95	27.72	38.0	50.5	1488.06	1.5088	1268.6
1300	4.32	34.96	27.74	36.4	49.7	1489.39	1.5588	1422.0
1400	4.27	34.96	27.75	35.9	50.0	1490.82	1.6087	1580.4
1500	4.23	34.97	27.76	34.7	49.7	1492.31	1.6585	1743.8
1600	4.20	34.97	27.76	34.4	50.3	1493.84	1.7085	1912.1
1700	4.18	34.98	27.77	33.5	50.2	1495.42	1.7590	2085.5
1800	4.15	34.98	27.78	33.2	50.7	1496.95	1.8096	2263.9
1900	4.13	34.98	27.78	33.0	51.3	1498.52	1.8604	2447.4
2000	4.11	34.99	27.79	32.0	51.2	1500.11	1.9116	2636.0

STD STATION NUMBER 020
 JULY 23, 1971 05.3 Z
 LATITUDE 17 34
 LONGITUDE 87 36
 DEPTH TO BOTTOM 2149 M

Z	T	S	SIGT	TANOM	SVA	SVEL	RYNHGT	TRANS
0	27.94	36.03	23.21	467.4	467.4	1542.80	.0000	.0
20	27.92	36.03	23.22	466.7	467.6	1543.08	.0935	.9
40	27.88	36.04	23.24	464.8	466.5	1543.33	.1869	3.7
60	27.08	36.10	23.54	435.7	438.2	1541.94	.2774	8.4
80	25.84	36.35	24.12	380.3	383.6	1539.66	.3596	14.8
100	24.42	36.61	24.75	320.1	324.2	1536.85	.4303	22.6
120	22.70	36.72	25.34	264.0	268.7	1533.00	.4896	31.8
140	21.24	36.68	25.72	227.8	233.1	1529.50	.5398	42.1
160	19.62	36.57	26.08	194.3	200.1	1525.33	.5831	53.4
180	18.29	36.42	26.30	172.7	179.0	1521.75	.6211	65.4
200	17.31	36.30	26.45	158.5	165.2	1519.09	.6555	78.2
220	16.52	36.18	26.55	149.3	156.5	1516.92	.6877	91.6
240	15.56	36.03	26.66	139.2	146.7	1514.14	.7180	105.7
260	14.79	35.90	26.73	132.4	140.2	1511.90	.7467	120.3
280	13.18	35.61	26.85	121.2	129.0	1506.67	.7736	135.5
300	12.32	35.49	26.93	113.7	121.6	1503.97	.7986	151.2
340	11.36	35.36	27.01	105.9	114.3	1501.15	.8458	184.1
380	10.46	35.22	27.06	100.8	109.4	1498.45	.8906	218.9
420	9.54	35.10	27.13	94.6	103.5	1495.62	.9331	255.3
460	8.85	35.02	27.18	89.8	98.9	1493.62	.9734	293.5
500	8.34	34.97	27.22	86.0	95.3	1492.29	1.0121	333.2
540	7.71	34.90	27.26	82.1	91.6	1490.45	1.0496	374.4
580	7.27	34.88	27.31	77.6	87.2	1489.37	1.0853	417.1
620	6.93	34.86	27.34	74.5	84.4	1488.67	1.1195	461.2
660	6.62	34.86	27.38	70.5	80.5	1488.11	1.1526	506.7
700	6.37	34.85	27.41	68.1	78.4	1487.75	1.1843	553.4
740	6.04	34.86	27.46	63.3	73.6	1487.11	1.2146	601.4
780	5.72	34.87	27.51	58.7	69.1	1486.49	1.2430	650.6
820	5.36	34.89	27.57	53.0	63.3	1485.71	1.2693	700.8
860	5.31	34.89	27.57	52.4	63.1	1486.16	1.2944	752.1
900	5.18	34.91	27.60	49.4	60.4	1486.31	1.3192	804.4
940	5.07	34.91	27.62	48.2	59.4	1486.51	1.3431	857.6
980	4.96	34.91	27.63	47.0	58.4	1486.72	1.3667	911.8
1020	4.79	34.93	27.67	43.6	55.2	1486.70	1.3893	966.9
1100	4.69	34.94	27.68	41.8	54.0	1487.61	1.4331	1079.8
1200	4.54	34.95	27.71	39.5	52.4	1488.64	1.4865	1225.8
1300	4.48	34.96	27.72	38.1	51.8	1490.05	1.5389	1377.1
1400	4.41	34.95	27.72	38.1	52.6	1491.39	1.5914	1533.6
1500	4.33	34.96	27.74	36.5	51.8	1492.71	1.6435	1695.4
1600	4.20	34.97	27.76	34.4	50.3	1493.84	1.6950	1862.3

STD STATION NUMBER 021
 JULY 23, 1971 21.7 Z
 LATITUDE 16 44
 LONGITUDE 87 03
 DEPTH TO BOTTOM 3310 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.23	36.05	23.13	475.0	475.0	1543.45	.0000	.0
20	28.05	36.06	23.20	468.7	469.5	1543.39	.0945	.9
40	27.94	36.05	23.22	465.9	467.6	1543.47	.1882	3.8
60	26.79	36.16	23.68	422.5	425.0	1541.34	.2774	8.4
80	25.56	36.37	24.22	370.6	373.9	1539.03	.3573	14.8
100	24.58	36.55	24.66	329.0	333.1	1537.18	.4280	22.6
120	23.01	36.67	25.22	276.1	280.9	1533.74	.4894	31.8
140	21.27	36.68	25.72	228.5	233.9	1529.58	.5409	42.1
160	19.68	36.57	26.06	195.8	201.6	1525.50	.5845	53.4
180	18.18	36.40	26.32	171.5	177.8	1521.41	.6224	65.4
200	17.01	36.24	26.48	156.0	162.7	1518.14	.6565	78.2
220	16.02	36.08	26.59	145.5	152.6	1515.30	.6880	91.7
240	15.23	35.96	26.68	137.2	144.6	1513.04	.7177	105.7
260	14.43	35.81	26.74	131.5	139.2	1510.66	.7461	120.4
280	13.41	35.65	26.83	122.8	130.6	1507.48	.7731	135.5
300	12.77	35.56	26.89	117.0	125.1	1505.57	.7986	151.3
340	11.59	35.36	26.96	110.0	118.5	1501.95	.8477	184.2
380	10.41	35.19	27.05	102.1	110.8	1498.23	.8933	219.0
420	9.74	35.11	27.10	97.1	106.1	1496.36	.9365	255.6
460	8.77	34.99	27.17	90.9	99.9	1493.28	.9779	293.9
500	8.11	34.92	27.21	86.3	95.5	1491.35	1.0171	333.8
540	7.62	34.89	27.26	81.6	91.0	1490.09	1.0544	375.3
580	7.30	34.88	27.30	78.0	87.6	1489.49	1.0901	418.2
620	7.12	34.88	27.33	75.6	85.6	1489.44	1.1247	462.5
660	6.72	34.86	27.34	74.4	84.8	1489.28	1.1589	508.1
700	6.48	34.85	27.39	69.5	79.9	1488.19	1.1917	555.1
740	5.74	34.86	27.47	62.1	72.2	1486.71	1.2224	603.4
780	5.52	34.88	27.54	55.6	65.6	1485.70	1.2500	652.9
820	5.24	34.90	27.59	50.9	61.0	1485.24	1.2753	703.4
860	5.04	34.92	27.63	47.1	57.4	1485.10	1.2989	754.9
900	4.85	34.93	27.66	44.3	54.6	1484.99	1.3213	807.3
940	4.72	34.94	27.68	42.1	52.7	1485.12	1.3429	860.6
980	4.62	34.94	27.69	41.1	51.8	1485.36	1.3638	914.7
1020	4.55	34.94	27.70	40.3	51.3	1485.73	1.3845	969.7
1100	4.45	34.95	27.72	38.5	50.2	1486.63	1.4248	1082.1
1200	4.34	34.96	27.74	36.6	49.0	1487.83	1.4743	1227.0
1300	4.28	34.96	27.75	36.0	49.2	1489.22	1.5234	1376.9
1400	4.25	34.97	27.76	34.9	49.0	1490.75	1.5723	1531.7
1500	4.23	34.97	27.76	34.7	49.7	1492.31	1.6217	1691.4
1600	4.21	34.97	27.76	34.5	50.4	1493.88	1.6716	1856.0
1700	4.18	34.97	27.76	34.2	50.9	1495.41	1.7221	2025.7
1800	4.15	34.98	27.78	33.2	50.7	1496.95	1.7730	2200.5
1900	4.13	34.98	27.78	33.0	51.3	1498.52	1.8240	2380.3
2000	4.12	34.99	27.79	32.1	51.4	1500.15	1.8753	2565.3

STD STATION NUMBER 022
 JULY 24, 1971 02.4 2
 LATITUDE 16 44
 LONGITUDE 86 31
 DEPTH TO BOTTOM 4389 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.86	36.08	23.27	461.3	461.3	1542.67	.0000	.0
20	27.83	36.08	23.28	460.3	461.2	1542.93	.0022	.9
40	27.82	36.10	23.30	458.6	460.3	1543.25	.1844	3.7
60	26.83	36.17	23.67	423.0	425.5	1541.44	.2730	8.3
80	25.79	36.37	24.15	377.4	380.7	1539.56	.3536	14.5
100	24.98	36.53	24.52	342.0	346.2	1538.12	.4263	22.3
120	23.65	36.63	25.00	296.8	301.6	1535.30	.4911	31.5
140	22.40	36.66	25.38	260.1	265.6	1532.51	.5478	41.9
160	20.25	36.51	25.86	214.5	220.4	1527.01	.5964	53.3
180	18.66	36.38	26.18	184.5	190.9	1522.77	.6375	65.7
200	17.24	36.29	26.41	162.2	169.0	1519.46	.6735	78.8
220	16.56	36.14	26.51	153.1	160.3	1517.00	.7064	92.6
240	15.83	36.04	26.60	144.3	151.9	1514.99	.7377	107.0
260	14.87	35.85	26.67	137.7	145.6	1512.10	.7674	122.1
280	13.78	35.71	26.80	125.7	133.7	1508.76	.7953	137.7
300	13.24	35.64	26.86	120.2	128.5	1507.23	.8216	153.9
340	11.85	35.38	26.93	113.2	121.8	1502.87	.8719	187.7
380	10.29	35.15	27.04	103.1	111.6	1497.75	.9186	223.6
420	9.25	35.04	27.10	97.6	106.4	1495.21	.9619	261.2
460	8.56	34.97	27.18	89.2	98.0	1492.47	1.0029	300.5
500	8.02	34.92	27.23	85.0	94.1	1491.01	1.0414	341.4
540	7.46	34.87	27.27	80.9	90.1	1489.45	1.0785	383.8
580	7.04	34.84	27.31	77.5	86.8	1488.43	1.1138	427.6
620	6.63	34.84	27.36	72.1	81.6	1487.47	1.1474	472.9
660	6.16	34.84	27.43	66.2	75.6	1486.26	1.1789	519.4
700	5.79	34.85	27.48	61.0	70.4	1485.44	1.2080	567.1
740	5.48	34.87	27.54	55.9	65.3	1484.87	1.2351	616.0
780	5.24	34.89	27.58	51.6	61.2	1484.58	1.2604	665.9
820	5.04	34.91	27.62	47.9	57.6	1484.44	1.2842	716.8
860	4.89	34.92	27.65	45.5	55.4	1484.49	1.3069	768.6
900	4.78	34.92	27.66	44.3	54.5	1484.69	1.3288	821.3
940	4.71	34.93	27.67	42.8	53.3	1485.07	1.3503	874.9
980	4.62	34.94	27.69	41.1	51.8	1485.36	1.3712	929.4
1020	4.55	34.94	27.70	40.3	51.3	1485.73	1.3920	984.6
1100	4.45	34.95	27.72	38.5	50.2	1486.63	1.4325	1097.6
1200	4.36	34.95	27.73	37.6	50.0	1487.90	1.4825	1243.4
1300	4.31	34.97	27.75	35.6	48.9	1489.36	1.5320	1394.1
1400	4.25	34.96	27.75	35.7	49.8	1490.74	1.5816	1549.8
1500	4.24	34.96	27.75	35.6	50.6	1492.34	1.6316	1710.4
1600	4.23	34.97	27.76	34.7	50.7	1493.96	1.6824	1876.1
1700	4.18	34.97	27.76	34.2	50.9	1495.41	1.7331	2046.9
1800	4.15	34.98	27.78	33.2	50.7	1496.95	1.7839	2222.7
1900	4.13	34.99	27.79	32.2	50.6	1498.54	1.8348	2403.7
2000	4.10	34.98	27.78	32.7	51.8	1500.06	1.8859	2589.7

STD STATION NUMBER 23
 JULY 24, 1971 15.5 Z
 LATITUDE 17 22
 LONGITUDE 86 35
 DEPTH TO BOTTOM 3845 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.08	36.01	23.15	473.2	473.2	1543.09	.0000	.0
20	28.01	36.01	23.17	471.0	471.8	1543.26	.0945	.9
40	27.34	35.08	23.28	460.6	462.3	1543.28	.1879	3.8
60	27.08	36.15	23.58	432.1	434.6	1541.98	.2776	8.4
80	25.80	36.33	24.12	380.5	383.9	1539.55	.3595	14.8
100	24.35	36.60	24.77	318.8	322.9	1536.67	.4301	22.7
120	22.91	36.67	25.24	273.4	278.1	1533.49	.4902	31.9
140	21.02	36.64	25.75	224.9	230.2	1528.88	.5411	42.2
160	19.50	36.56	26.10	192.0	197.9	1524.99	.5839	53.5
180	18.27	36.43	26.32	171.5	177.8	1521.70	.6215	65.5
200	16.89	36.21	26.49	155.4	162.1	1517.75	.6554	78.3
220	15.56	36.02	26.65	139.9	146.8	1513.81	.6863	91.7
240	14.60	35.86	26.74	131.3	138.5	1510.93	.7149	105.7
260	13.66	35.73	26.84	121.8	129.2	1508.07	.7416	120.3
280	12.76	35.55	26.88	117.6	125.1	1505.20	.7671	135.4
300	11.75	35.37	26.94	112.1	119.7	1501.87	.7916	150.9
340	10.40	35.18	27.04	102.7	110.4	1497.54	.8375	183.5
380	9.58	35.11	27.13	94.5	102.6	1495.13	.8797	217.9
420	8.90	35.02	27.17	90.6	98.9	1493.16	.9201	253.9
460	8.36	34.96	27.21	87.0	95.6	1491.70	.9589	291.5
500	7.89	34.90	27.23	84.7	93.6	1490.49	.9966	330.6
540	7.42	34.88	27.29	79.6	88.7	1489.31	1.0329	371.2
580	7.11	34.87	27.32	76.2	85.6	1488.74	1.0676	413.2
620	6.67	34.85	27.37	71.9	81.4	1487.64	1.1009	456.6
660	6.26	34.86	27.43	66.0	75.5	1486.68	1.1324	501.2
700	5.84	34.86	27.48	60.9	70.4	1485.66	1.1614	547.1
740	5.59	34.88	27.53	56.4	66.1	1485.33	1.1887	594.1
780	5.22	34.91	27.60	49.9	59.5	1484.52	1.2138	642.2
820	4.99	34.93	27.64	45.8	55.5	1484.26	1.2367	691.2
860	4.86	34.93	27.66	44.4	54.3	1484.38	1.2587	741.1
900	4.72	34.94	27.68	42.1	52.2	1484.47	1.2799	791.9
940	4.61	34.95	27.70	40.2	50.5	1484.68	1.3004	843.5
980	4.55	34.95	27.71	39.6	50.2	1485.09	1.3205	895.9
1020	4.52	34.96	27.72	38.5	49.5	1485.63	1.3404	949.1
1100	4.42	34.96	27.73	37.4	49.0	1486.53	1.3795	1057.9
1200	4.35	34.97	27.75	36.0	48.4	1487.89	1.4284	1198.3
1300	4.30	34.97	27.75	35.4	48.7	1489.32	1.4769	1343.6
1400	4.26	34.97	27.76	35.0	49.2	1490.79	1.5256	1493.7
1500	4.22	34.97	27.76	34.6	49.6	1492.27	1.5750	1648.7
1600	4.20	34.97	27.76	34.4	50.3	1493.84	1.6247	1808.7
1700	4.18	34.98	27.77	33.5	50.2	1495.42	1.6746	1973.7
1800	4.15	34.98	27.78	33.2	50.7	1496.95	1.7250	2143.7
1900	4.13	34.98	27.78	33.0	51.3	1498.52	1.7761	2318.7
2000	4.12	34.99	27.79	32.1	51.4	1500.15	1.8272	2498.9

STD STATION NUMBER 024
 JULY 24, 1971 21.3 7
 LATITUDE 17 15
 LONGITUDE 86 11
 DEPTH TO BOTTOM 4180 M

Z	T	S	SIGT	TANOM	SVA	SVEL	NYNHGT	TRANS
0	27.94	35.70	22.96	491.1	491.1	1542.50	.0000	.0
20	27.77	34.02	23.26	462.8	463.6	1542.75	.0955	1.0
40	27.68	36.10	23.35	454.2	455.9	1542.94	.1874	3.8
60	27.25	36.14	23.52	438.0	440.6	1542.55	.2771	8.4
80	25.68	36.39	24.20	372.7	376.0	1539.32	.3587	14.8
100	24.46	36.62	24.75	320.5	324.6	1536.95	.4288	22.7
120	23.09	36.69	25.21	276.9	281.7	1533.96	.4894	31.8
140	21.16	36.66	25.73	227.1	232.5	1529.27	.5408	42.1
160	19.79	36.58	26.04	197.8	203.7	1525.81	.5844	53.4
180	18.70	36.47	26.24	178.9	185.3	1522.97	.6233	65.5
200	17.68	36.35	26.40	163.4	170.3	1520.23	.6589	78.3
220	16.87	36.23	26.51	153.5	160.8	1518.03	.6920	91.8
240	16.29	36.14	26.57	147.1	154.9	1516.51	.7236	106.0
260	15.56	36.01	26.64	140.6	148.8	1514.44	.7539	120.7
280	14.62	35.86	26.74	131.8	140.1	1511.64	.7828	136.1
300	13.78	35.71	26.80	125.7	134.3	1509.08	.8103	152.0
340	12.20	35.47	26.93	113.0	121.8	1504.18	.8612	185.5
380	11.19	35.32	27.01	105.9	115.1	1501.15	.9085	220.9
420	10.23	35.19	27.08	99.1	108.5	1498.23	.9532	258.1
460	9.50	35.10	27.13	94.0	103.6	1496.12	.9956	297.1
500	8.19	34.94	27.22	86.0	95.2	1491.68	1.0357	337.7
540	7.40	34.88	27.29	79.4	88.4	1489.23	1.0722	379.9
580	6.89	34.85	27.34	74.8	83.9	1487.86	1.1067	423.5
620	6.55	34.85	27.38	70.4	79.7	1487.17	1.1393	468.4
660	6.25	34.85	27.42	66.6	76.1	1486.63	1.1704	514.6
700	5.84	34.87	27.49	60.1	69.6	1485.67	1.1996	562.0
740	5.55	34.88	27.54	55.9	65.5	1485.17	1.2267	610.5
780	5.32	34.90	27.58	51.2	61.5	1484.91	1.2520	660.1
820	5.23	34.90	27.59	50.8	60.8	1485.20	1.2765	710.7
860	5.08	34.91	27.62	48.3	58.6	1485.25	1.3003	762.2
900	4.93	34.92	27.64	45.9	56.4	1485.30	1.3233	814.7
940	4.81	34.93	27.66	43.8	54.6	1485.48	1.3454	868.1
980	4.76	34.94	27.68	42.6	53.6	1485.94	1.3670	922.3
1020	4.66	34.94	27.69	41.5	52.8	1486.18	1.3883	977.4
1100	4.54	34.95	27.71	39.5	51.3	1487.01	1.4301	1090.2
1200	4.42	34.96	27.73	37.4	50.0	1488.16	1.4808	1235.7
1300	4.34	34.96	27.74	36.6	50.0	1489.47	1.5308	1386.3
1400	4.29	34.98	27.76	34.6	48.8	1490.93	1.5802	1541.9
1500	4.23	34.97	27.76	34.7	49.7	1492.31	1.6298	1702.4
1600	4.20	34.98	27.77	33.7	49.5	1493.85	1.6797	1867.8
1700	4.18	34.98	27.77	33.5	50.2	1495.42	1.7295	2038.3

STD. STATION NUMBER 025
 JULY 25, 1971 05.5 7
 LATITUDE 17 55
 LONGITUDE 85 33
 DEPTH TO BOTTOM 3804 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.06	35.91	23.08	479.7	479.7	1542.95	.0000	.0
20	28.07	35.92	23.08	479.3	480.2	1543.31	.0960	1.0
40	27.94	35.94	23.14	473.8	475.5	1543.37	.1916	3.8
60	27.52	36.06	23.37	452.1	454.7	1542.88	.2846	8.6
80	26.64	36.19	23.75	415.8	419.2	1541.35	.3720	15.2
100	25.65	36.40	24.23	370.5	374.6	1539.54	.4513	23.4
120	24.19	36.60	24.92	314.3	319.1	1536.60	.5207	33.1
140	22.81	36.72	25.31	267.0	272.6	1533.60	.5799	44.1
160	21.11	36.70	25.78	222.9	229.0	1529.50	.6300	56.2
180	20.22	36.66	25.99	202.9	209.6	1527.38	.6739	69.3
200	19.37	36.56	26.13	188.8	196.1	1525.27	.7145	83.1
220	18.33	36.45	26.32	171.5	179.2	1522.54	.7520	97.8
240	17.71	36.36	26.40	163.4	171.6	1520.97	.7871	113.2
260	16.66	36.20	26.53	151.0	159.5	1518.01	.8202	129.3
280	15.96	36.10	26.62	142.7	151.7	1516.09	.8513	146.0
300	15.38	36.00	26.68	137.5	146.8	1514.51	.8812	163.3
340	14.14	35.80	26.79	126.3	136.2	1510.99	.9378	199.7
380	12.69	35.55	26.90	116.3	126.4	1506.57	.9905	238.3
420	10.97	35.29	27.03	104.3	114.2	1500.98	1.0387	278.9
460	10.14	35.17	27.08	99.1	109.3	1498.52	1.0834	321.3
500	9.23	35.05	27.14	93.5	103.7	1495.70	1.1261	365.5
540	8.16	34.93	27.21	86.3	96.2	1492.20	1.1659	411.4
580	7.91	34.92	27.26	82.1	92.3	1491.50	1.2036	458.8
620	7.21	34.87	27.31	77.5	87.7	1489.77	1.2397	507.6
660	6.56	34.84	27.37	71.2	81.2	1487.84	1.2735	557.9
700	6.22	34.85	27.43	66.2	76.3	1487.16	1.3050	609.5
740	5.80	34.88	27.50	58.9	68.9	1486.17	1.3341	662.3
780	5.46	34.89	27.55	54.1	64.1	1485.47	1.3607	716.2
820	5.22	34.91	27.60	49.9	60.0	1485.17	1.3854	771.1
860	5.08	34.91	27.62	48.3	58.6	1485.25	1.4091	827.0
900	4.99	34.93	27.65	44.7	55.1	1485.15	1.4319	883.8
940	4.78	34.93	27.67	43.5	54.2	1485.35	1.4538	941.5
980	4.70	34.94	27.68	41.9	52.8	1485.69	1.4751	1000.1
1020	4.63	34.94	27.69	41.2	52.4	1486.06	1.4961	1059.5
1100	4.54	34.95	27.71	39.5	51.3	1487.00	1.5373	1180.9
1200	4.43	34.96	27.73	37.5	50.2	1488.20	1.5883	1337.2
1300	4.36	34.96	27.74	36.8	50.3	1489.55	1.6384	1498.5
1400	4.30	34.96	27.74	36.2	50.4	1490.94	1.6886	1664.8
1500	4.26	34.97	27.76	35.0	50.1	1492.44	1.7388	1836.2
1600	4.23	34.97	27.76	34.7	50.7	1493.96	1.7892	2012.6
1700	4.21	34.98	27.77	33.8	50.6	1495.54	1.8402	2194.1

STD STATION NUMBER 026
 JULY 25, 1971 12.7 Z
 LATITUDE 18 15
 LONGITUDE 85 04
 DEPTH TO BOTTOM 2979 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.38	36.08	23.10	477.6	477.6	1543.80	.0000	.0
20	28.27	36.08	23.14	474.1	475.0	1543.89	.0953	1.0
40	27.94	36.13	23.28	460.2	461.9	1543.54	.1889	3.8
60	27.40	36.11	23.45	444.8	447.4	1542.66	.2799	8.5
80	26.65	36.27	23.81	410.4	413.7	1541.45	.3660	14.9
100	26.01	36.42	24.12	380.3	384.5	1540.44	.4458	23.1
120	25.15	36.56	24.49	344.8	349.8	1538.87	.5192	32.7
140	24.54	36.64	24.74	321.4	327.1	1537.81	.5869	43.8
160	23.51	36.71	25.16	281.5	287.9	1535.17	.6484	56.1
180	21.92	36.76	25.60	240.0	247.0	1532.00	.7019	69.6
200	20.75	36.71	25.88	212.8	220.4	1529.19	.7487	84.1
220	19.47	36.57	26.12	190.5	198.6	1525.88	.7905	99.5
240	18.62	36.51	26.29	174.1	182.6	1523.75	.8287	115.7
260	17.97	36.43	26.39	164.4	173.4	1522.12	.8643	132.6
280	17.42	36.34	26.46	158.1	167.6	1520.74	.8984	150.3
300	16.51	36.21	26.58	146.9	156.7	1518.21	.9308	168.6
340	15.95	36.11	26.65	139.6	150.4	1516.73	.9922	207.0
380	14.74	35.90	26.74	131.3	142.7	1513.67	1.0507	247.9
420	12.99	35.59	26.87	119.0	130.5	1508.26	1.1058	291.0
460	11.37	35.35	27.00	106.8	118.1	1503.10	1.1558	336.3
500	10.41	35.20	27.06	101.4	112.7	1500.17	1.2021	383.4
540	9.56	35.08	27.11	96.4	107.8	1497.60	1.2461	432.4
580	8.91	35.01	27.16	91.5	103.0	1495.76	1.2883	483.1
620	8.39	34.96	27.20	87.4	99.0	1494.39	1.3286	535.4
660	7.81	34.91	27.25	82.8	94.4	1492.78	1.3673	589.4
700	7.29	34.87	27.30	78.6	90.1	1491.37	1.4042	644.8
740	6.75	34.85	27.36	72.9	84.3	1489.89	1.4391	701.7
780	6.37	34.85	27.41	68.1	79.5	1489.05	1.4718	759.9
820	5.99	34.86	27.46	62.7	74.0	1488.20	1.5027	819.4
860	5.73	34.87	27.51	58.8	70.2	1487.82	1.5316	880.1
900	5.52	34.89	27.55	54.8	66.4	1487.66	1.5589	941.9
940	5.24	34.90	27.59	50.9	62.4	1487.19	1.5848	1004.8
980	5.10	34.91	27.61	48.5	60.3	1487.28	1.6092	1068.7
1020	4.94	34.92	27.64	46.0	57.9	1487.30	1.6327	1133.5
1100	4.70	34.94	27.68	41.9	54.1	1487.65	1.6772	1265.9
1200	4.54	34.95	27.71	39.5	52.4	1488.64	1.7304	1436.3
1300	4.42	34.96	27.73	37.4	51.0	1489.80	1.7821	1611.9
1400	4.34	34.96	27.74	36.6	51.0	1491.11	1.8331	1792.7
1500	4.29	34.97	27.75	35.3	50.5	1492.56	1.8840	1978.6
1600	4.25	34.97	27.76	34.9	50.9	1494.04	1.9347	2169.5
1700	4.20	34.98	27.77	33.7	50.5	1495.50	1.9858	2365.5
1800	4.16	34.98	27.77	33.3	50.8	1496.99	2.0364	2566.6
1900	4.15	34.99	27.78	32.4	50.9	1498.61	2.0872	2772.8

STD STATION NUMBER 027
 JULY 25, 1971 17.1 Z
 LATITUDE 18 23
 LONGITUDE 84 50
 DEPTH TO BOTTOM 2280 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.49	36.09	23.07	480.4	480.4	1544.04	.0000	.0
20	28.40	36.09	23.10	477.5	478.4	1544.17	.0959	1.0
40	28.10	36.10	23.21	467.3	469.1	1543.86	.1906	3.8
60	27.14	36.03	23.47	442.6	445.1	1542.01	.2820	8.6
80	26.30	36.03	23.74	417.1	420.4	1540.43	.3686	15.1
100	25.74	36.13	23.99	393.1	397.3	1539.56	.4503	23.2
120	24.93	36.44	24.47	347.1	352.0	1538.25	.5253	33.0
140	23.90	36.70	24.98	298.8	304.5	1536.30	.5909	44.2
160	23.16	36.76	25.24	273.8	280.2	1534.84	.6494	56.6
180	21.77	36.77	25.65	235.3	242.2	1531.62	.7016	70.1
200	20.19	36.69	26.02	199.9	207.4	1527.65	.7466	84.6
220	19.47	36.63	26.16	186.2	194.2	1525.93	.7867	99.9
240	18.23	36.56	26.27	175.5	184.1	1524.39	.8246	116.0
260	18.18	36.49	26.39	165.0	174.1	1522.78	.8604	132.9
280	17.57	36.40	26.47	157.2	166.8	1521.24	.8945	150.4
300	16.99	36.29	26.52	151.9	161.9	1519.73	.9274	168.6
340	16.30	36.19	26.61	143.7	154.7	1518.19	.9907	207.0
380	15.44	36.05	26.70	135.1	147.0	1516.04	1.0510	247.8
420	14.43	35.88	26.79	126.4	138.8	1513.30	1.1082	291.0
460	13.44	35.72	26.88	118.2	131.1	1510.55	1.1623	336.4
500	11.96	35.47	26.98	108.6	121.3	1505.93	1.2131	384.0
540	11.45	35.42	27.04	103.1	116.4	1504.75	1.2606	433.4
580	10.23	35.22	27.10	96.9	109.9	1500.84	1.3062	484.8
620	9.05	35.03	27.15	92.2	104.6	1496.95	1.3492	537.9
660	8.50	34.98	27.20	87.6	100.1	1495.48	1.3900	592.7
700	7.68	34.89	27.26	82.5	94.6	1492.90	1.4288	649.1
740	7.16	34.86	27.31	77.6	89.6	1491.50	1.4657	707.0
780	6.74	34.84	27.35	73.6	85.5	1490.49	1.5006	766.3
820	6.45	34.85	27.40	69.1	81.2	1490.01	1.5340	827.0
860	6.15	34.85	27.44	65.4	77.5	1489.47	1.5658	889.0
900	5.89	34.86	27.48	61.5	73.7	1489.10	1.5960	952.2
940	5.72	34.87	27.51	58.7	71.1	1489.08	1.6250	1016.6
980	5.50	34.89	27.55	54.6	67.1	1488.88	1.6526	1082.2
1020	5.24	34.90	27.59	50.9	63.3	1488.49	1.6785	1148.8
1100	4.88	34.93	27.66	44.6	57.2	1488.37	1.7267	1285.1
1200	4.61	34.95	27.70	40.2	53.3	1488.93	1.7821	1460.5
1300	4.45	34.96	27.73	37.8	51.4	1489.92	1.8346	1641.4
1400	4.36	34.96	27.74	36.8	51.2	1491.19	1.8860	1827.4
1500	4.28	34.97	27.75	35.2	50.4	1492.52	1.9364	2018.5
1600	4.25	34.97	27.76	34.9	50.9	1494.04	1.9869	2214.7
1700	4.22	34.98	27.77	33.9	50.7	1495.58	2.0379	2415.9
1800	4.20	34.98	27.77	33.7	51.4	1497.15	2.0889	2622.3
1900	4.16	34.99	27.78	32.5	51.0	1498.65	2.1407	2833.7

STD STATION NUMBER 28
 JULY 25, 1971 23.1 7
 LATITUDE 18 36
 LONGITUDE 84 42
 DEPTH TO BOTTOM 2377 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.20	36.05	23.14	474.1	474.1	1543.38	.0000	.0
20	28.08	36.07	23.19	468.9	469.7	1543.47	.0944	.9
40	27.64	36.06	23.33	455.9	457.5	1542.82	.1871	3.8
60	27.04	36.06	23.52	437.3	439.9	1541.81	.2769	8.4
80	26.25	36.03	23.75	415.6	418.9	1540.32	.3627	14.8
100	25.87	36.09	23.92	399.9	404.0	1539.82	.4450	22.9
120	25.31	36.30	24.25	368.2	373.2	1539.02	.5227	32.5
140	24.24	36.63	24.82	313.5	319.2	1537.07	.5920	43.7
160	22.84	36.75	25.33	265.7	272.0	1534.03	.6511	56.1
180	21.61	36.78	25.70	230.3	237.2	1531.21	.7020	69.7
200	21.05	36.75	25.83	217.7	225.4	1530.02	.7483	84.2
220	19.83	36.63	26.07	195.2	203.5	1526.93	.7911	99.6
240	18.66	36.52	26.29	174.3	182.9	1523.87	.8297	115.8
260	18.28	36.50	26.37	166.7	175.8	1523.08	.8656	132.7
280	18.02	36.45	26.39	164.1	173.8	1522.60	.9006	150.4
300	17.67	36.41	26.45	158.8	169.1	1521.87	.9349	168.7
340	16.76	36.24	26.54	150.3	161.5	1519.64	1.0010	207.5
380	15.52	36.02	26.66	139.0	150.9	1516.26	1.0637	248.8
420	14.24	35.81	26.78	127.6	139.9	1512.61	1.1219	292.5
460	13.00	35.59	26.87	119.2	131.7	1508.94	1.1764	338.5
500	12.33	35.53	26.95	111.0	124.0	1507.26	1.2271	386.5
540	11.31	35.36	27.02	105.0	118.1	1504.19	1.2756	436.6
580	9.93	35.14	27.09	97.9	110.5	1499.66	1.3212	488.5
620	9.15	35.05	27.15	92.2	104.7	1497.34	1.3638	542.2
660	8.81	35.01	27.18	90.0	102.9	1496.68	1.4053	597.6
700	8.35	34.95	27.20	87.6	100.6	1495.52	1.4461	654.7
740	7.77	34.90	27.25	83.0	95.9	1493.90	1.4853	713.3
780	7.28	34.86	27.29	79.2	92.0	1492.62	1.5228	773.5
820	6.85	34.85	27.34	74.2	87.0	1491.58	1.5585	835.1
860	6.58	34.84	27.37	71.5	84.4	1491.16	1.5928	898.1
900	6.14	34.85	27.44	65.2	77.9	1490.08	1.6251	962.5
940	5.80	34.86	27.49	60.4	73.0	1489.39	1.6552	1028.1
980	5.34	34.90	27.58	52.0	64.2	1488.24	1.6825	1094.9
1020	5.15	34.91	27.61	49.1	61.4	1488.14	1.7076	1162.7
1100	4.78	34.94	27.67	42.8	55.2	1487.97	1.7538	1301.1
1200	4.56	34.95	27.71	39.7	52.6	1486.72	1.8077	1479.2
1300	4.43	34.96	27.73	37.5	51.2	1489.84	1.8597	1662.6
1400	4.34	34.96	27.74	36.6	51.0	1491.10	1.9105	1851.1
1500	4.29	34.97	27.75	35.3	50.5	1492.56	1.9614	2044.7
1600	4.25	34.97	27.76	34.9	50.9	1494.04	2.0121	2243.4
1700	4.22	34.98	27.77	33.9	50.7	1495.58	2.0631	2447.2
1800	4.20	34.98	27.77	33.7	51.4	1497.15	2.1143	2656.0
1900	4.18	34.99	27.78	32.7	51.3	1498.74	2.1656	2870.0
2000	4.16	34.99	27.78	32.5	51.9	1500.31	2.2172	3089.2

STD STATION NUMBER 029
 JULY 26, 1971 17.5 7
 LATITUDE 18 52
 LONGITUDE 85 24
 DEPTH TO BOTTOM 4419 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.38	36.06	23.09	479.0	479.0	1543.78	.0000	.0
20	28.33	36.07	23.11	476.7	477.6	1544.01	.0957	1.0
40	27.72	36.00	23.26	462.7	464.3	1542.94	.1899	3.8
60	27.13	35.98	23.43	445.9	448.4	1541.94	.2811	8.5
80	26.44	36.06	23.72	419.1	422.4	1540.78	.3682	15.0
100	25.91	36.11	23.92	399.6	403.8	1539.93	.4508	23.2
120	25.56	36.21	24.10	382.1	387.0	1539.53	.5299	33.0
140	24.70	36.52	24.60	334.6	340.4	1538.09	.6026	44.3
160	23.49	36.75	25.14	283.7	290.1	1535.66	.6657	57.0
180	22.54	36.70	25.44	254.6	261.7	1533.62	.7209	70.9
200	21.14	36.76	25.81	219.4	227.0	1530.27	.7697	85.8
220	20.01	36.67	26.05	196.8	205.0	1527.46	.8129	101.6
240	18.96	36.59	26.26	176.5	185.2	1524.79	.8519	118.3
260	18.34	36.54	26.38	165.2	174.3	1523.29	.8879	135.7
280	17.80	36.47	26.46	157.5	167.2	1521.98	.9220	153.8
300	17.37	36.41	26.52	151.9	162.0	1520.98	.9550	172.5
340	16.67	36.29	26.60	144.6	155.8	1519.42	1.0185	212.0
380	15.53	36.07	26.69	135.6	147.5	1516.34	1.0793	254.0
420	14.22	35.83	26.80	125.7	138.0	1512.57	1.1366	298.3
460	13.14	35.64	26.88	118.3	130.9	1509.46	1.1906	344.9
500	12.16	35.51	26.97	109.3	122.2	1506.66	1.2411	393.5
540	10.97	35.34	27.06	100.6	113.4	1502.97	1.2881	444.1
580	10.29	35.25	27.12	95.7	108.7	1501.09	1.3323	496.5
620	9.03	35.04	27.16	91.1	103.5	1496.89	1.3748	550.7
660	8.39	34.97	27.21	86.7	99.0	1495.05	1.4154	606.5
700	7.78	34.90	27.25	83.1	95.4	1493.30	1.4545	663.9
740	7.47	34.89	27.29	79.6	92.0	1492.74	1.4920	722.8
780	7.05	34.87	27.33	75.4	87.9	1491.74	1.5280	783.2
820	6.62	34.85	27.37	71.3	83.6	1490.68	1.5622	845.0
860	6.11	34.85	27.44	64.9	76.9	1489.31	1.5944	908.1
900	5.80	34.87	27.50	59.6	71.7	1488.75	1.6242	972.5
940	5.46	34.89	27.55	54.1	66.1	1488.06	1.6518	1038.1
980	5.24	34.91	27.60	50.1	62.1	1487.85	1.6774	1104.6
1020	5.04	34.92	27.63	47.1	59.2	1487.70	1.7015	1172.2
1100	4.76	34.94	27.68	42.6	54.9	1487.89	1.7469	1310.2
1200	4.58	34.95	27.71	39.9	52.9	1488.80	1.8006	1487.6
1300	4.46	34.96	27.73	37.9	51.6	1489.96	1.8525	1670.2
1400	4.37	34.96	27.74	36.0	51.4	1491.23	1.9040	1858.1
1500	4.32	34.97	27.75	35.7	50.9	1492.68	1.9548	2051.0
1600	4.27	34.97	27.76	35.1	51.2	1494.12	2.0059	2249.0
1700	4.24	34.98	27.77	34.1	51.0	1495.66	2.0571	2452.2
1800	4.21	34.98	27.77	33.8	51.5	1497.19	2.1083	2660.5
1900	4.19	34.99	27.78	32.8	51.5	1498.78	2.1599	2873.9
2000	4.18	34.99	27.78	32.7	52.2	1500.40	2.2117	3092.4

STD STATION NUMBER 030
 JULY 26, 1971 23.4 7
 LATITUDE 18 27
 LONGITUDE 85 53
 DEPTH TO BOTTOM 4394 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.41	35.89	22.95	492.2	492.2	1543.69	.0000	.0
20	28.08	35.89	23.06	481.8	482.7	1543.30	.0975	1.0
40	28.07	35.93	23.09	478.6	480.3	1543.64	.1938	3.9
60	27.84	36.03	23.24	464.2	466.8	1543.56	.2885	8.7
80	26.94	36.13	23.61	429.3	432.6	1541.98	.3784	15.4
100	26.28	36.25	23.91	400.6	404.8	1540.91	.4622	23.8
120	25.55	36.43	24.27	365.9	370.9	1539.70	.5397	33.8
140	24.45	36.56	24.71	324.6	330.3	1537.52	.6099	45.3
160	23.11	36.71	25.22	276.0	282.4	1534.67	.6711	58.1
180	22.17	36.73	25.50	248.9	255.9	1532.62	.7249	72.1
200	20.83	36.69	25.84	216.3	223.9	1529.38	.7729	87.1
220	19.91	36.61	26.03	198.6	206.8	1527.13	.8160	102.9
240	18.88	36.49	26.21	181.8	190.4	1524.47	.8557	119.7
260	17.87	36.36	26.36	167.1	176.1	1521.76	.8924	137.1
280	16.95	36.23	26.49	155.3	164.6	1519.23	.9264	155.3
300	15.92	36.08	26.61	143.3	152.9	1516.27	.9582	174.2
340	14.22	35.81	26.78	127.2	137.2	1511.26	1.0164	213.7
380	12.85	35.59	26.90	116.4	126.6	1507.15	1.0694	255.4
420	11.13	35.32	27.02	104.8	114.9	1501.58	1.1177	299.2
460	9.85	35.13	27.10	97.4	107.3	1497.43	1.1620	344.8
500	8.95	35.02	27.16	91.4	101.3	1494.63	1.2036	392.1
540	8.24	34.95	27.22	86.0	96.0	1492.53	1.2431	441.0
580	7.58	34.89	27.27	81.1	91.0	1490.58	1.2805	491.5
620	7.13	34.87	27.32	76.5	86.5	1489.46	1.3160	543.4
660	6.78	34.86	27.36	72.6	82.8	1488.73	1.3498	596.7
700	6.24	34.86	27.43	65.7	75.8	1487.25	1.3815	651.4
740	5.91	34.87	27.48	60.9	71.1	1486.60	1.4110	707.2
780	5.64	34.88	27.52	57.0	67.2	1486.18	1.4386	764.2
820	5.42	34.89	27.56	53.7	64.1	1485.95	1.4648	822.3
860	5.23	34.91	27.60	50.0	60.6	1485.86	1.4897	881.4
900	4.98	34.93	27.64	45.7	56.3	1485.52	1.5130	941.5
940	4.86	34.93	27.66	44.4	55.2	1485.68	1.5353	1002.4
980	4.78	34.94	27.67	42.8	53.9	1486.02	1.5570	1064.3
1020	4.68	34.95	27.69	40.9	52.3	1486.27	1.5783	1127.0
1100	4.53	34.97	27.73	37.8	49.7	1486.99	1.6194	1254.9
1200	4.41	34.96	27.73	37.3	49.9	1488.12	1.6695	1419.4
1300	4.33	34.97	27.75	35.8	49.1	1489.44	1.7188	1588.8
1400	4.27	34.97	27.76	35.1	49.3	1490.83	1.7680	1763.1
1500	4.23	34.98	27.77	34.0	49.0	1492.32	1.8175	1942.4
1600	4.20	34.98	27.77	33.7	49.5	1493.85	1.8668	2126.6
1700	4.18	34.99	27.78	32.7	49.5	1495.43	1.9163	2315.8
1800	4.14	34.99	27.78	32.3	49.8	1496.92	1.9660	2509.9
1900	4.13	34.99	27.79	32.2	50.6	1498.53	2.0162	2709.0
2000	4.11	35.00	27.80	31.3	50.5	1500.12	2.0667	2913.1

STD STATION NUMBER 031
 JULY 27, 1971 05.9 /
 LATITUDE 18 07
 LONGITUDE 86 22
 DEPTH TO BOTTOM 4122 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.00	36.03	23.19	469.2	469.2	1542.93	.0000	.0
20	27.99	36.02	23.19	469.6	470.5	1543.23	.0040	.9
40	27.97	36.03	23.20	468.3	470.0	1543.52	.1880	3.8
60	27.48	36.06	23.38	450.9	453.4	1542.79	.2804	8.4
80	26.45	36.17	23.79	411.5	414.8	1540.90	.3672	14.9
100	25.42	36.38	24.28	365.7	369.8	1539.03	.4457	23.0
120	24.29	36.60	24.79	317.1	322.0	1536.85	.5148	32.7
140	22.76	36.69	25.30	267.8	273.3	1533.45	.5744	43.5
160	21.37	36.67	25.68	231.9	238.0	1530.16	.6255	55.5
180	19.70	36.55	26.04	197.7	204.3	1525.86	.6697	68.5
200	18.20	36.41	26.32	171.3	178.3	1521.80	.7080	82.3
220	17.33	36.29	26.44	159.7	167.1	1519.46	.7425	96.8
240	16.37	36.14	26.56	148.9	156.7	1516.75	.7749	112.0
260	15.41	36.00	26.67	138.1	146.2	1513.96	.8052	127.8
280	14.52	35.84	26.74	131.2	139.5	1511.30	.8338	144.1
300	13.43	35.66	26.83	122.4	130.8	1507.88	.8608	161.1
340	11.57	35.33	26.98	108.3	116.6	1501.15	.9101	196.5
380	9.76	35.12	27.11	96.6	104.8	1495.80	.9540	233.8
420	9.21	35.06	27.15	92.4	101.0	1494.36	.9951	272.8
460	8.54	34.99	27.20	87.4	96.2	1492.42	1.0345	313.4
500	7.90	34.92	27.25	83.3	92.3	1490.55	1.0722	355.5
540	7.36	34.88	27.29	78.8	87.8	1489.08	1.1081	399.1
580	6.92	34.85	27.33	75.2	84.3	1487.97	1.1425	444.2
620	6.53	34.85	27.39	70.1	79.4	1487.09	1.1752	490.5
660	6.11	34.86	27.45	64.1	73.5	1486.09	1.2059	538.2
700	5.75	34.87	27.50	59.0	68.4	1485.31	1.2343	587.0
740	5.40	34.89	27.56	53.4	62.8	1484.58	1.2605	636.9
780	5.25	34.90	27.59	51.0	60.6	1484.63	1.2852	687.8
820	5.04	34.92	27.63	47.1	56.9	1484.45	1.3087	739.7
860	4.88	34.93	27.66	44.6	54.6	1484.46	1.3310	792.5
900	4.78	34.93	27.67	43.5	53.7	1484.70	1.3526	846.1
940	4.68	34.94	27.69	41.7	52.2	1484.96	1.3737	900.7
980	4.61	34.95	27.70	40.2	51.0	1485.34	1.3944	956.0
1020	4.53	34.95	27.71	39.3	50.4	1485.66	1.4146	1012.2
1100	4.42	34.97	27.74	36.7	48.3	1486.54	1.4544	1127.0
1200	4.32	34.96	27.74	36.4	48.7	1487.75	1.5031	1274.8
1300	4.27	34.97	27.76	35.1	48.3	1489.19	1.5515	1427.6
1400	4.23	34.97	27.76	34.7	48.8	1490.67	1.5999	1585.1
1500	4.20	34.97	27.76	34.4	49.3	1492.19	1.6489	1747.6
1600	4.15	34.98	27.78	33.2	48.9	1493.64	1.6980	1914.9
1700	4.15	34.98	27.78	33.2	49.8	1495.29	1.7472	2087.2
1800	4.15	34.98	27.78	33.2	50.7	1496.95	1.7974	2264.4
1900	4.14	34.99	27.78	32.3	50.7	1498.58	1.8480	2446.7
2000	4.12	34.99	27.79	32.1	51.4	1500.15	1.8989	2634.0

STD STATION NUMBER 032
 JULY 27, 1971 11.7 /
 LATITUDE 18 10
 LONGITUDE 86 50
 DEPTH TO BOTTOM 3990 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.90	36.07	23.25	463.2	463.2	1542.75	.0000	.0
20	27.90	36.06	23.25	464.0	464.8	1543.07	.0928	.9
40	27.81	36.05	23.27	461.9	463.6	1543.19	.1856	3.7
60	26.94	36.11	23.59	430.7	433.2	1541.63	.2753	8.3
80	26.12	36.25	23.96	395.8	399.2	1540.22	.3586	14.7
100	25.30	36.48	24.39	355.0	359.1	1538.83	.4344	22.6
120	23.97	36.63	24.90	305.8	310.7	1536.09	.5014	31.9
140	21.91	36.66	25.52	246.9	252.4	1531.24	.5577	42.5
160	19.98	36.57	25.98	203.3	209.2	1526.32	.6038	54.2
180	18.31	36.40	26.28	174.6	181.0	1521.79	.6428	66.6
200	17.13	36.26	26.47	157.2	164.0	1518.51	.6773	79.8
220	16.24	36.14	26.59	146.0	153.1	1516.03	.7090	93.7
240	15.36	35.99	26.67	137.8	145.3	1513.48	.7389	108.2
260	14.71	35.88	26.73	132.2	140.0	1511.63	.7674	123.2
280	13.86	35.73	26.80	125.8	133.9	1509.04	.7948	138.9
300	13.20	35.63	26.86	120.1	128.5	1507.08	.8210	155.0
340	11.92	35.43	26.96	110.8	119.5	1503.17	.8705	188.8
380	10.73	35.26	27.05	102.4	111.2	1499.46	.9166	224.6
420	9.85	35.13	27.10	97.4	106.5	1496.78	.9600	262.1
460	9.04	35.03	27.15	92.0	101.2	1494.33	1.0013	301.4
500	8.44	34.97	27.20	87.4	96.9	1492.66	1.0410	342.2
540	7.92	34.92	27.24	83.6	93.3	1491.28	1.0790	384.6
580	7.37	34.87	27.28	79.7	89.4	1489.75	1.1155	428.5
620	6.97	34.85	27.33	75.8	85.7	1488.81	1.1506	473.8
660	6.44	34.83	27.38	70.5	80.2	1487.36	1.1839	520.5
700	6.09	34.84	27.44	65.4	75.2	1486.63	1.2151	568.5
740	5.79	34.87	27.50	59.5	69.5	1486.12	1.2441	617.7
780	5.41	34.88	27.55	54.3	64.2	1485.25	1.2708	668.0
820	5.20	34.90	27.59	50.4	60.4	1485.08	1.2957	719.4
860	4.97	34.91	27.63	47.1	57.2	1484.80	1.3192	771.7
900	4.81	34.93	27.66	43.8	54.1	1484.83	1.3413	824.9
940	4.67	34.94	27.69	41.6	52.0	1484.92	1.3626	878.9
980	4.57	34.95	27.71	39.8	50.4	1485.17	1.3832	933.9
1020	4.51	34.95	27.71	39.1	50.1	1485.58	1.4032	989.6
1100	4.43	34.96	27.73	37.5	49.2	1486.57	1.4430	1103.4
1200	4.34	34.96	27.74	36.6	49.0	1487.83	1.4919	1250.2
1300	4.30	34.97	27.75	35.4	48.7	1489.32	1.5409	1401.8
1400	4.27	34.97	27.76	35.1	49.3	1490.83	1.5899	1558.4
1500	4.24	34.97	27.76	34.8	49.9	1492.35	1.6396	1719.8
1600	4.22	34.97	27.76	34.6	50.5	1493.92	1.6898	1886.3
1700	4.21	34.97	27.76	34.5	51.3	1495.53	1.7406	2057.8
1800	4.19	34.98	27.77	33.6	51.3	1497.11	1.7914	2234.4
1900	4.15	34.98	27.78	33.2	51.6	1498.60	1.8429	2416.1
2000	4.14	34.99	27.78	32.3	51.6	1500.24	1.8942	2603.0

STD STATION NUMBER 033
 JULY 27, 1971 16.5 7
 LATITUDE 18 15
 LONGITUDE 87 15
 DEPTH TO BOTTOM 990 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.12	35.99	23.12	475.9	475.9	1543.16	.0000	.0
20	28.06	36.02	23.16	471.8	472.7	1543.38	.0949	.9
40	28.03	36.02	23.17	470.2	472.6	1543.64	.1894	3.8
60	27.49	36.10	23.41	448.3	450.9	1542.85	.2817	8.5
80	26.30	36.27	23.92	399.8	403.1	1540.65	.3671	15.0
100	25.20	36.44	24.43	351.3	355.5	1538.61	.4430	23.1
120	23.22	36.63	25.12	284.8	289.6	1534.23	.5075	32.6
140	20.93	36.65	25.79	221.8	227.2	1528.65	.5592	43.3
160	19.31	36.53	26.13	189.5	195.3	1524.43	.6014	54.9
180	17.86	36.36	26.37	166.9	173.1	1520.44	.6383	67.3
200	16.71	36.21	26.53	151.4	158.0	1517.21	.6714	80.4
220	15.96	36.09	26.61	143.5	150.5	1515.12	.7022	94.1
240	15.08	35.94	26.70	135.5	142.9	1512.54	.7315	108.4
260	14.92	35.74	26.77	128.3	135.8	1509.25	.7594	123.3
280	13.13	35.63	26.87	118.8	126.5	1506.53	.7857	138.8
300	12.73	35.56	26.90	116.3	124.4	1505.43	.8107	154.8
340	12.10	35.47	26.95	111.1	119.9	1503.83	.8595	188.2
380	10.13	35.18	27.09	98.2	106.7	1497.21	.9047	223.5
420	9.66	35.12	27.12	95.0	104.0	1496.08	.9468	260.5
460	9.21	35.07	27.16	91.7	101.1	1495.01	.9878	299.2
500	8.70	35.00	27.19	89.1	98.8	1493.68	1.0277	339.5
540	8.21	34.95	27.22	85.5	95.5	1492.41	1.0667	381.4
580	7.57	34.89	27.27	80.9	90.9	1490.54	1.1040	424.8
620	6.94	34.86	27.34	74.7	84.5	1488.71	1.1390	469.7
660	6.66	34.85	27.37	71.8	81.8	1488.25	1.1722	515.9
700	6.38	34.84	27.40	69.0	79.2	1487.78	1.2043	563.4
740	6.08	34.86	27.45	63.8	74.2	1487.26	1.2351	612.2
780	5.90	34.87	27.50	59.6	70.1	1486.81	1.2637	662.2
820	5.32	34.90	27.58	51.8	62.0	1485.56	1.2903	713.3
860	5.15	34.91	27.61	49.1	59.5	1485.54	1.3146	765.4
900	4.31	34.93	27.66	43.8	54.1	1484.83	1.3378	818.5

STD STATION NUMBER 034
 JULY 27, 1971 20.3 Z
 LATITUDE 18 19
 LONGITUDE 87 34
 DEPTH TO BOTTOM 962 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.25	35.98	23.07	480.7	480.7	1543.43	.0000	.0
20	28.08	36.03	23.16	471.7	472.6	1543.43	.0953	1.0
40	27.95	36.04	23.21	467.0	468.7	1543.48	.1895	3.8
60	27.13	36.11	23.53	436.5	439.0	1542.06	.2802	8.5
80	25.31	36.44	24.35	358.2	361.5	1538.50	.3603	14.9
100	23.42	36.68	25.10	286.8	290.8	1534.45	.4255	22.8
120	21.52	36.68	25.65	235.1	239.8	1529.92	.4786	31.8
140	19.33	36.55	26.14	188.5	193.6	1524.18	.5219	41.8
160	18.11	36.43	26.36	167.7	173.3	1520.92	.5586	52.6
180	17.28	36.29	26.45	158.5	164.6	1518.67	.5924	64.1
200	16.56	36.18	26.54	150.2	156.7	1516.72	.6245	76.3
220	15.82	36.08	26.64	141.1	148.1	1514.68	.6550	89.1
240	15.06	35.94	26.70	135.1	142.4	1512.48	.6841	102.5
260	13.97	35.76	26.80	125.8	133.4	1509.12	.7116	116.4
280	12.94	35.61	26.90	116.6	124.3	1505.87	.7374	130.9
300	12.43	35.54	26.94	112.1	120.0	1504.40	.7618	145.9
340	11.75	35.41	26.97	109.2	117.8	1502.56	.8097	177.3
380	10.92	35.29	27.03	103.4	112.4	1500.17	.8555	210.7
420	10.13	35.18	27.09	98.2	107.6	1497.86	.8994	245.8
460	9.32	35.07	27.14	93.4	102.9	1495.42	.9415	282.6
500	8.58	34.99	27.20	88.0	97.6	1493.21	.9815	321.0
540	8.38	34.97	27.21	86.5	96.7	1493.08	1.0204	361.1
580	8.10	34.94	27.23	84.7	95.3	1492.63	1.0589	402.7
620	7.68	34.90	27.26	81.7	92.5	1491.62	1.0965	445.8
660	7.31	34.88	27.30	78.1	89.1	1490.82	1.1326	490.4
700	7.00	34.87	27.34	74.7	85.9	1490.25	1.1675	536.4
740	6.55	34.87	27.40	68.9	80.0	1489.14	1.2007	583.7
780	5.99	34.87	27.47	61.9	72.7	1487.57	1.2317	632.4
820	5.59	34.88	27.53	56.4	67.1	1486.63	1.2594	682.2
860	5.15	34.91	27.61	49.1	59.5	1485.54	1.2851	733.1

STD STATION NUMBER 35
 JULY 28, 1971 00.5 7
 LATITUDE 18 50
 LONGITUDE 87 25
 DEPTH TO BOTTOM 658 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.24	36.05	23.13	475.3	475.3	1543.47	.0000	.0
20	28.13	36.05	23.16	471.9	472.7	1543.56	.0948	.9
40	27.76	36.07	23.30	458.9	460.6	1543.09	.1881	3.8
60	26.03	36.24	24.01	391.0	393.5	1539.71	.2735	8.4
80	25.01	36.46	24.46	348.0	351.2	1537.81	.3480	14.6
100	23.58	36.67	25.05	292.0	296.0	1534.84	.4127	22.2
120	21.93	36.72	25.56	243.1	247.8	1531.02	.4671	31.0
140	20.68	36.67	25.87	213.9	219.2	1528.00	.5138	40.8
160	19.36	36.57	26.14	187.8	193.6	1524.61	.5551	51.5
180	18.45	36.48	26.31	172.2	178.5	1522.27	.5923	63.0
200	17.41	36.33	26.45	158.6	165.4	1519.42	.6267	75.2
220	16.55	36.20	26.56	148.5	155.7	1517.04	.6588	88.0
240	15.53	36.03	26.66	138.5	146.0	1514.05	.6890	101.5
260	14.26	35.81	26.77	128.0	135.7	1510.11	.7172	115.6
280	13.26	35.65	26.86	119.8	127.6	1506.98	.7435	130.2
300	12.75	35.58	26.91	115.2	123.3	1505.52	.7686	145.3
340	11.72	35.41	26.98	108.7	117.2	1502.46	.8169	177.0
380	10.62	35.26	27.07	100.5	109.3	1499.07	.8623	210.6
420	9.79	35.13	27.11	96.4	105.5	1496.57	.9053	246.0
460	9.56	35.11	27.13	94.2	103.9	1496.35	.9471	283.0
500	9.21	35.07	27.16	91.7	101.9	1495.66	.9881	321.7
540	8.47	34.98	27.21	87.1	97.4	1493.43	1.0281	362.1
580	7.83	34.92	27.26	82.3	92.6	1491.58	1.0661	403.9
620	7.18	34.88	27.32	76.4	86.5	1489.67	1.1020	447.3

STD STATION NUMBER 36
 JULY 28, 1971 05.2 /
 LATITUDE 19 17
 LONGITUDE 87 09
 DEPTH TO BOTTOM 1545 M

Z	T	S	SIGT	TANCM	SVA	SVEL	DYNHGT	TRANS
0	28.16	36.03	23.14	474.3	474.3	1543.28	.0000	.0
20	28.16	36.04	23.15	473.5	474.4	1543.61	.0949	.9
40	27.91	36.05	23.23	465.0	466.7	1543.40	.1890	3.8
60	26.98	36.14	23.60	429.8	432.3	1541.75	.2789	8.5
80	25.59	36.40	24.24	369.3	372.6	1539.12	.3594	14.8
100	23.41	36.66	25.09	287.9	291.9	1534.41	.4258	22.7
120	21.05	36.67	25.77	223.5	228.1	1528.67	.4778	31.7
140	19.18	36.53	26.16	186.3	191.3	1523.74	.5198	41.7
160	18.14	36.45	26.36	167.0	172.6	1521.02	.5561	52.5
180	17.21	36.32	26.49	154.7	160.8	1518.49	.5895	63.9
200	16.58	36.21	26.56	148.4	155.0	1516.81	.6211	76.0
220	15.78	36.12	26.63	141.7	148.8	1515.21	.6514	88.8
240	15.40	36.01	26.68	137.2	144.7	1513.62	.6808	102.1
260	14.68	35.89	26.75	130.8	138.6	1511.54	.7091	116.0
280	13.92	35.76	26.81	124.8	132.9	1509.27	.7363	130.4
300	13.30	35.66	26.86	119.9	128.3	1507.45	.7624	145.4
340	11.68	35.41	26.99	107.9	116.5	1502.32	.8115	176.9
380	11.05	35.31	27.03	104.2	113.3	1500.65	.8576	210.3
420	10.64	35.26	27.06	100.8	110.6	1499.78	.9023	245.5
460	10.60	35.25	27.06	100.9	111.5	1500.27	.9468	282.5
500	10.03	35.17	27.10	97.3	108.3	1498.77	.9909	321.2
540	9.25	35.07	27.15	92.3	103.3	1496.45	1.0334	361.7
580	8.75	35.01	27.19	89.1	100.4	1495.17	1.0740	403.9
620	8.38	34.97	27.21	86.5	98.1	1494.57	1.1138	447.6
660	7.89	34.92	27.25	83.2	94.9	1493.10	1.1524	493.0
700	7.21	34.87	27.31	77.5	89.0	1491.07	1.1892	539.8
740	6.66	34.85	27.37	71.8	83.0	1489.54	1.2235	588.1
780	6.30	34.86	27.42	66.5	77.8	1488.79	1.2557	637.7
820	5.99	34.87	27.49	60.7	71.9	1487.82	1.2857	688.5
860	5.61	34.89	27.54	55.9	67.1	1487.37	1.3134	740.5
900	5.39	34.89	27.56	53.3	64.7	1487.13	1.3398	793.5
940	5.15	34.91	27.61	48.9	60.2	1486.76	1.3645	847.6
980	5.03	34.92	27.63	47.0	58.6	1487.02	1.3883	902.7
1020	4.87	34.93	27.66	44.5	56.2	1487.03	1.4112	958.7
1100	4.66	34.94	27.69	41.5	53.6	1487.49	1.4551	1073.3
1200	4.50	34.95	27.71	39.0	51.8	1488.48	1.5074	1221.5
1300	4.39	34.97	27.74	36.4	49.9	1489.69	1.5583	1374.8

STD STATION NUMBER 37
 JULY 28, 1971 10.7 /
 LATITUDE 19 21
 LONGITUDE 86 44
 DEPTH TO BOTTOM 4023 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.17	35.89	23.03	484.6	484.6	1543.17	.0000	.0
20	28.18	35.89	23.03	484.9	485.8	1543.52	.0970	1.0
40	28.07	35.89	23.06	481.5	483.2	1543.61	.1939	3.9
60	27.15	36.09	23.51	438.6	441.1	1542.09	.2864	8.7
80	26.89	36.32	23.90	401.9	405.3	1541.13	.3710	15.3
100	25.10	36.54	24.49	344.8	348.9	1538.41	.4464	23.4
120	23.50	36.73	25.12	285.4	290.2	1535.02	.5103	33.0
140	22.07	36.77	25.56	243.3	248.8	1531.75	.5642	43.7
160	20.81	36.71	25.95	206.6	212.7	1527.89	.6104	55.5
180	19.48	36.61	26.14	187.9	194.5	1525.30	.6511	68.1
200	18.35	36.47	26.33	170.5	177.6	1522.29	.6883	81.5
220	17.58	36.38	26.45	158.9	166.4	1520.29	.7227	95.6
240	17.03	36.29	26.51	152.8	160.8	1518.89	.7554	110.4
260	16.46	36.19	26.57	147.2	155.7	1517.39	.7871	125.8
280	15.80	36.07	26.63	141.4	150.3	1515.57	.8177	141.9
300	15.04	35.95	26.71	133.9	143.1	1513.39	.8470	158.5
340	14.02	35.77	26.80	126.1	135.9	1510.57	.9028	193.5
380	12.90	35.59	26.89	117.3	127.6	1507.32	.9553	230.7
420	11.98	35.45	26.96	110.4	121.1	1504.69	1.0050	269.9
460	11.28	35.34	27.01	106.0	117.1	1502.77	1.0525	311.1
500	10.72	35.27	27.06	101.5	113.1	1501.36	1.0988	354.1
540	10.15	35.18	27.09	98.6	110.5	1499.86	1.1437	398.9
580	9.54	35.09	27.12	95.4	107.5	1498.18	1.1873	445.6
620	8.94	35.00	27.16	91.2	103.3	1496.13	1.2296	493.9
660	8.14	34.94	27.23	85.3	97.3	1494.07	1.2696	543.9
700	7.70	34.90	27.26	82.0	94.1	1492.99	1.3080	595.4
740	7.12	34.85	27.30	77.9	89.7	1491.34	1.3449	648.5
780	6.63	34.84	27.36	72.1	83.9	1490.06	1.3796	703.0
820	6.19	34.85	27.43	65.9	77.5	1488.98	1.4119	758.8
860	5.81	34.87	27.50	59.7	71.3	1488.15	1.4417	815.9
900	5.55	34.88	27.54	55.9	67.5	1487.76	1.4694	874.1
940	5.36	34.89	27.57	53.0	64.7	1487.66	1.4957	933.4
980	5.04	34.92	27.63	47.1	58.7	1487.05	1.5205	993.8
1020	4.98	34.93	27.66	44.6	56.4	1487.07	1.5436	1055.1
1100	4.61	34.95	27.70	40.2	52.2	1487.29	1.5868	1180.3
1200	4.47	34.96	27.73	38.0	50.7	1488.36	1.6382	1341.6
1300	4.37	34.96	27.74	36.9	50.4	1489.59	1.6888	1507.9
1400	4.31	34.98	27.76	34.8	49.1	1491.01	1.7388	1679.3
1500	4.28	34.97	27.75	35.2	50.4	1492.52	1.7890	1855.7
1600	4.24	34.97	27.76	34.8	50.8	1494.00	1.8393	2037.1
1700	4.22	34.98	27.77	33.9	50.7	1495.58	1.8900	2223.6
1800	4.18	34.98	27.77	33.5	51.1	1497.07	1.9410	2415.1
1900	4.11	34.99	27.79	32.0	50.3	1498.45	1.9916	2611.7
2000	4.10	34.99	27.79	31.9	51.1	1500.07	2.0421	2813.4

STD STATION NUMBER 38
 JULY 28, 1971 15.7 Z
 LATITUDE 19 13
 LONGITUDE 86 17
 DEPTH TO BOTTOM 4406 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.07	35.72	22.93	493.7	493.7	1542.80	.0000	.0
20	28.06	35.73	22.94	492.7	493.5	1543.11	.0987	1.0
40	27.80	35.84	23.11	476.6	478.3	1542.97	.1959	3.9
60	27.74	36.06	23.30	459.0	461.5	1543.36	.2899	8.8
80	27.22	36.13	23.52	437.8	441.2	1542.60	.3802	15.5
100	26.15	36.23	23.93	398.2	402.3	1540.59	.4645	23.9
120	25.02	36.44	24.32	361.4	366.3	1539.41	.5414	34.0
140	24.03	36.62	24.82	314.0	319.6	1537.04	.6100	45.5
160	22.92	36.71	25.27	270.7	277.1	1534.19	.6697	58.3
180	21.30	36.68	25.71	229.3	236.2	1530.30	.7210	72.2
200	20.19	36.64	25.98	203.5	211.0	1527.61	.7657	87.1
220	19.35	36.57	26.15	187.6	195.6	1525.54	.8054	102.8
240	18.30	36.43	26.31	172.2	180.6	1522.75	.8440	119.3
260	17.60	36.35	26.42	161.5	170.4	1520.96	.8791	136.5
280	16.83	36.22	26.51	153.3	162.6	1518.86	.9124	154.5
300	16.28	36.14	26.58	146.9	156.6	1517.44	.9443	173.0
340	15.04	35.92	26.69	136.1	146.5	1514.00	1.0049	212.0
380	13.69	35.71	26.82	123.9	134.7	1510.07	1.0609	253.3
420	12.47	35.52	26.92	114.3	125.4	1506.43	1.1127	296.8
460	11.34	35.34	27.00	107.0	118.2	1502.98	1.1615	342.3
500	10.67	35.24	27.04	102.8	114.4	1501.15	1.2080	389.7
540	9.76	35.11	27.10	97.4	108.9	1498.36	1.2526	438.9
580	9.21	35.05	27.14	93.1	104.9	1496.92	1.2952	489.9
620	8.58	34.98	27.19	88.8	100.6	1495.13	1.3362	542.5
660	7.96	34.93	27.25	83.4	95.2	1493.38	1.3752	596.7
700	7.31	34.88	27.30	78.1	89.7	1491.46	1.4123	652.5
740	6.98	34.86	27.33	75.2	86.9	1490.81	1.4476	709.7
780	6.55	34.85	27.38	70.4	82.0	1489.76	1.4814	768.3
820	6.07	34.86	27.45	63.6	75.1	1488.52	1.5129	828.2
860	5.75	34.87	27.50	59.0	70.5	1487.90	1.5421	889.3
900	5.86	34.89	27.55	54.1	65.6	1487.41	1.5693	951.5
940	5.23	34.90	27.59	50.8	62.3	1487.15	1.5947	1014.8
980	5.01	34.92	27.63	46.8	58.3	1486.93	1.6187	1079.1
1020	4.86	34.93	27.66	44.4	56.1	1486.98	1.6415	1144.3
1100	4.62	34.95	27.70	40.3	52.4	1487.33	1.6848	1277.3
1200	4.47	34.96	27.73	38.0	50.7	1488.36	1.7364	1448.4
1300	4.40	34.96	27.73	37.2	50.8	1489.71	1.7869	1624.6
1400	4.33	34.97	27.75	35.8	50.1	1491.08	1.8377	1805.8
1500	4.28	34.97	27.75	35.2	50.4	1492.52	1.8880	1992.1
1600	4.24	34.97	27.76	34.8	50.8	1494.00	1.9386	2183.4
1700	4.21	34.98	27.77	33.8	50.6	1495.54	1.9890	2379.8
1800	4.19	34.98	27.77	33.6	51.3	1497.11	2.0400	2581.2
1900	4.17	34.99	27.78	32.6	51.2	1498.70	2.0912	2787.8
2000	4.15	34.99	27.78	32.4	51.8	1500.27	2.1427	2999.5

STD STATION NUMBER 39
 JULY 29, 1971 00.5 Z
 LATITUDE 19 31
 LONGITUDE 86 10
 DEPTH TO BOTTOM 4431 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.70	36.08	23.00	487.8	487.8	1544.48	.0000	.0
20	28.40	36.05	23.07	480.4	481.3	1544.14	.0969	1.0
40	27.78	36.01	23.25	463.8	465.5	1543.08	.1916	3.9
60	27.47	36.12	23.43	446.3	448.8	1542.82	.2830	8.6
80	26.68	36.16	23.71	419.2	422.5	1541.42	.3701	15.1
100	26.24	36.37	24.01	390.8	395.0	1540.92	.4519	23.4
120	25.39	36.54	24.41	353.3	358.3	1539.42	.5272	33.1
140	23.95	36.68	24.95	301.7	307.3	1536.41	.5938	44.4
160	22.81	36.77	25.35	263.4	269.7	1533.97	.6515	56.8
180	21.82	36.75	25.62	238.0	245.0	1531.73	.7030	70.3
200	20.33	36.64	25.94	207.1	214.6	1527.99	.7489	84.9
220	19.58	36.60	26.11	191.1	199.1	1526.21	.7903	100.3
240	18.99	36.52	26.20	182.3	191.0	1524.81	.8293	116.5
260	18.34	36.45	26.31	171.7	180.8	1523.21	.8665	133.4
280	17.74	36.36	26.39	164.1	173.7	1521.70	.9019	151.1
300	16.91	36.24	26.50	153.7	163.7	1519.44	.9357	169.5
340	15.50	36.01	26.66	139.3	149.9	1515.54	.9981	208.2
380	14.42	35.83	26.76	129.8	141.1	1512.57	1.0560	249.3
420	12.88	35.58	26.88	117.7	129.0	1507.88	1.1097	292.6
460	12.50	35.55	26.94	112.7	124.8	1507.21	1.1605	338.0
500	11.22	35.33	27.01	105.7	117.7	1503.19	1.2094	385.4
540	10.63	35.25	27.06	101.4	113.8	1501.66	1.2558	434.7
580	9.81	35.14	27.11	96.0	108.4	1499.23	1.3002	485.8
620	9.01	35.04	27.17	90.8	103.2	1496.81	1.3427	538.7
660	8.47	34.98	27.21	87.1	99.6	1495.37	1.3833	593.2
700	7.80	34.93	27.27	81.2	93.5	1493.41	1.4222	649.3
740	7.08	34.87	27.33	75.8	87.7	1491.21	1.4587	707.0
780	6.76	34.85	27.35	73.1	85.1	1490.58	1.4935	766.0
820	6.40	34.85	27.40	68.5	80.5	1489.81	1.5267	826.4
860	5.96	34.86	27.47	62.3	74.1	1488.73	1.5575	888.1
900	5.64	34.88	27.52	57.0	68.8	1488.13	1.5861	951.0
940	5.37	34.89	27.57	53.1	64.9	1487.70	1.6129	1015.0
980	5.09	34.91	27.61	48.4	60.1	1487.24	1.6379	1080.0
1020	4.94	34.92	27.64	46.0	57.9	1487.30	1.6614	1146.0
1100	4.70	34.94	27.68	41.9	54.1	1487.65	1.7060	1280.7
1200	4.52	34.95	27.71	39.2	52.1	1488.55	1.7590	1453.9
1300	4.42	34.96	27.73	37.4	51.0	1489.79	1.8103	1632.4
1400	4.35	34.96	27.74	36.7	51.1	1491.15	1.8614	1816.0
1500	4.29	34.97	27.75	35.3	50.5	1492.56	1.9124	2004.7
1600	4.25	34.97	27.76	34.9	50.9	1494.04	1.9631	2198.5
1700	4.22	34.97	27.76	34.6	51.5	1495.57	2.0144	2397.3
1800	4.20	34.98	27.77	33.7	51.4	1497.15	2.0655	2601.3
1900	4.18	34.98	27.77	33.5	52.0	1498.72	2.1170	2810.5
2000	4.17	34.99	27.78	32.6	52.1	1500.36	2.1691	3024.8

STD STATION NUMBER 40
 JULY 29, 1971 05.7 7
 LATITUDE 19 44
 LONGITUDE 86 20
 DEPTH TO BOTTOM 4418 M

Z	T	S	SIGT	TANOM	SVA	SVEL	PNYHGT	TRANS
0	28.30	35.82	22.93	493.8	493.8	1543.39	.0000	.0
20	28.13	35.79	22.97	490.6	491.4	1543.32	.0985	1.0
40	27.81	35.96	23.20	468.3	470.0	1543.10	.1947	3.9
60	27.33	36.10	23.46	443.4	445.9	1542.50	.2863	8.7
80	26.83	36.24	23.73	418.0	421.4	1541.83	.3730	15.3
100	25.68	36.50	24.29	364.7	368.9	1539.74	.4520	23.6
120	24.57	36.61	24.71	324.4	329.3	1537.53	.5218	33.3
140	23.78	36.72	25.03	294.0	299.6	1536.02	.5847	44.4
160	22.75	36.77	25.37	261.7	268.1	1533.82	.6415	56.6
180	20.92	36.67	25.80	220.1	227.0	1529.28	.6910	70.0
200	19.93	36.66	26.06	195.5	202.9	1526.91	.7340	84.2
220	19.12	36.57	26.21	181.9	189.8	1524.90	.7733	99.3
240	18.35	36.46	26.32	171.2	179.7	1522.92	.8102	115.1
260	17.58	36.34	26.42	161.8	170.7	1520.89	.8453	131.7
280	16.98	36.26	26.50	153.8	163.2	1519.35	.8786	148.9
300	16.68	36.23	26.55	149.2	159.1	1518.74	.9109	166.8
340	15.66	36.06	26.66	139.1	149.8	1516.09	.9728	204.5
380	14.57	35.88	26.76	129.3	140.6	1513.11	1.0307	244.6
420	13.40	35.68	26.86	120.4	132.1	1509.73	1.0851	286.9
460	12.35	35.51	26.94	112.8	124.8	1506.66	1.1365	331.3
500	11.39	35.35	26.99	107.2	119.4	1503.81	1.1854	377.8
540	10.51	35.22	27.05	101.6	113.9	1501.20	1.2320	426.1
580	9.76	35.12	27.11	96.6	109.1	1499.02	1.2766	476.3
620	9.38	35.07	27.13	94.3	107.1	1498.21	1.3198	528.2
660	8.45	34.96	27.19	88.3	100.7	1495.27	1.3614	581.9
700	7.90	34.91	27.24	84.1	96.5	1493.77	1.4008	637.1
740	7.37	34.87	27.28	79.7	92.0	1492.33	1.4384	693.9
780	6.89	34.86	27.34	74.0	86.2	1491.10	1.4741	752.2
820	6.38	34.85	27.41	68.2	80.2	1489.74	1.5073	811.8
860	6.00	34.86	27.46	62.8	74.7	1488.89	1.5383	872.7
900	5.50	34.88	27.53	56.5	68.2	1487.96	1.5668	934.8
940	5.39	34.90	27.57	52.6	64.4	1487.80	1.5933	998.0
980	5.11	34.91	27.61	48.7	60.4	1487.32	1.6183	1062.3
1020	4.93	34.93	27.65	45.2	57.0	1487.27	1.6418	1127.5
1100	4.65	34.95	27.70	40.6	52.7	1487.46	1.6856	1260.6
1200	4.49	34.96	27.72	38.2	51.0	1488.45	1.7375	1431.8
1300	4.38	34.96	27.74	37.0	50.5	1489.63	1.7882	1608.0
1400	4.31	34.97	27.75	35.6	49.8	1491.00	1.8384	1789.4
1500	4.27	34.97	27.76	35.1	50.3	1492.48	1.8885	1975.7
1600	4.23	34.97	27.76	34.7	50.7	1493.96	1.9389	2167.1
1700	4.20	34.98	27.77	33.7	50.5	1495.50	1.9890	2363.5
1800	4.18	34.98	27.77	33.5	51.1	1497.07	2.0398	2564.9
1900	4.16	34.99	27.78	32.5	51.0	1498.66	2.0908	2771.5
2000	4.15	34.99	27.78	32.4	51.8	1500.27	2.1422	2983.1

STD STATION NUMBER 41
 JULY 29, 1971 12.3 /
 LATITUDE 19 50
 LONGITUDE 86 37
 DEPTH TO BOTTOM 1902 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.21	35.85	22.99	488.8	488.8	1543.22	.0000	.0
20	28.16	35.92	23.05	482.2	483.0	1543.50	.0072	1.0
40	27.72	36.11	23.34	454.7	456.4	1543.04	.1911	3.9
60	27.11	36.17	23.58	431.6	434.1	1542.07	.2802	8.6
80	26.17	36.30	23.98	393.7	397.1	1540.38	.3633	15.0
100	24.71	36.55	24.62	332.8	336.9	1537.49	.4367	23.0
120	23.87	36.61	24.92	304.5	309.3	1535.83	.5013	32.4
140	21.93	36.67	25.52	246.8	252.2	1531.30	.5575	43.0
160	20.20	36.64	25.98	203.8	209.8	1526.99	.6037	54.6
180	19.40	36.61	26.16	185.9	192.5	1525.08	.6439	67.1
200	18.48	36.48	26.30	172.9	180.0	1522.67	.6811	80.3
220	17.48	36.37	26.42	162.0	169.5	1520.57	.7161	94.3
240	17.02	36.27	26.50	154.0	162.0	1518.84	.7492	108.9
260	16.74	36.25	26.55	149.1	157.7	1518.30	.7812	124.2
280	16.33	36.18	26.60	145.1	154.1	1517.31	.8124	140.2
300	15.77	36.08	26.65	140.1	149.5	1515.81	.8428	156.7
340	14.72	35.90	26.74	130.9	141.1	1512.97	.9008	191.6
380	13.60	35.71	26.84	122.1	132.9	1509.78	.9555	228.7
420	12.65	35.55	26.91	115.5	126.7	1507.08	1.0075	268.0
460	11.95	35.44	26.96	110.6	122.3	1505.21	1.0573	309.3
500	11.20	35.33	27.01	105.3	117.4	1503.13	1.1051	352.6
540	10.12	35.17	27.08	98.8	110.7	1499.74	1.1508	397.7
580	9.48	35.09	27.13	94.4	106.5	1497.96	1.1943	444.6
620	9.00	35.01	27.15	92.9	105.2	1496.74	1.2368	493.2
660	8.37	34.95	27.20	87.9	100.2	1494.95	1.2777	543.5
700	7.51	34.88	27.27	80.9	92.7	1492.24	1.3165	595.4
740	7.25	34.87	27.30	78.1	90.2	1491.87	1.3529	648.8
780	6.25	34.85	27.34	74.2	86.4	1490.93	1.3885	703.6
820	6.25	34.85	27.42	66.6	78.4	1489.22	1.4213	759.8
860	5.85	34.86	27.48	61.0	72.6	1488.29	1.4516	817.3
900	5.48	34.89	27.55	54.4	65.9	1487.50	1.4791	875.9
940	5.25	34.91	27.60	50.2	61.8	1487.24	1.5046	935.6
980	4.85	34.93	27.66	44.3	55.5	1486.29	1.5274	996.2
1020	4.34	34.93	27.66	44.2	55.8	1486.90	1.5497	1057.8
1100	4.65	34.94	27.69	41.4	53.5	1487.44	1.5932	1183.5
1200	4.49	34.95	27.72	38.9	51.7	1486.43	1.6452	1345.4
1300	4.38	34.96	27.74	37.0	50.5	1489.63	1.6960	1512.5
1400	4.33	34.97	27.75	35.8	50.1	1491.08	1.7465	1684.6
1500	4.27	34.97	27.76	35.1	50.3	1492.48	1.7967	1861.8
1600	4.20	34.98	27.77	33.7	49.5	1493.85	1.8466	2044.0
1700	4.17	34.99	27.78	32.6	49.3	1495.39	1.8964	2231.1
1800	4.16	34.99	27.78	32.5	50.1	1497.00	1.9465	2423.2

STD STATION NUMBER 42
 JULY 29, 1971 18.3 Z
 LATITUDE 20 04
 LONGITUDE 87 04
 DEPTH TO BOTTOM 614 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.19	36.03	23.13	475.2	475.2	1543.34	.0000	.0
20	28.12	36.03	23.15	473.0	473.9	1543.52	.0949	.9
40	27.86	36.08	23.27	461.3	463.0	1543.32	.1686	3.8
60	27.19	36.12	23.52	437.6	440.2	1542.20	.2789	8.5
80	25.76	36.36	24.15	377.2	380.5	1539.48	.5610	14.9
100	23.90	36.63	24.92	303.9	307.9	1535.60	.4298	22.8
120	21.86	36.72	25.58	241.3	245.9	1530.84	.4852	31.9
140	19.71	36.59	26.07	195.1	200.2	1525.28	.5298	42.1
160	18.21	36.46	26.35	167.9	173.5	1521.24	.5672	53.0
180	17.46	36.35	26.46	158.3	164.4	1519.26	.6010	64.7
200	16.70	36.23	26.55	149.7	156.3	1517.20	.6331	77.1
220	16.11	36.13	26.61	143.8	150.9	1515.62	.6638	90.0
240	15.60	36.06	26.67	137.8	145.4	1514.30	.6934	103.6
260	15.04	35.95	26.71	133.9	141.9	1512.75	.7221	117.8
280	14.21	35.81	26.79	127.0	135.2	1510.27	.7498	132.5
300	13.57	35.71	26.84	121.5	130.0	1508.39	.7764	147.7
340	12.75	35.57	26.90	115.9	125.1	1506.15	.8273	179.8
380	11.18	35.33	27.02	105.0	114.1	1501.13	.8751	213.9
420	10.00	35.16	27.10	97.6	106.8	1497.37	.9194	249.8
460	9.11	35.06	27.17	90.9	100.2	1494.63	.9608	287.4
500	8.60	35.00	27.20	87.6	97.2	1493.30	1.0002	326.6

STD STATION NUMBER 43
 JULY 29, 1971 22.5 2
 LATITUDE 20 08
 LONGITUDE 86 31
 DEPTH TO BOTTOM 988 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.33	35.91	22.99	488.2	488.2	1543.54	.0000	.0
20	28.00	36.06	23.21	467.1	467.9	1543.28	.0056	1.0
40	27.33	36.09	23.45	444.1	445.8	1542.16	.1870	3.8
60	26.58	36.18	23.76	414.7	417.2	1540.88	.2733	8.4
80	25.74	36.37	24.17	375.9	379.2	1539.45	.3529	14.6
100	24.46	36.62	24.75	320.5	324.6	1536.95	.4233	22.4
120	23.10	36.68	25.20	277.9	282.7	1533.98	.4840	31.5
140	21.61	36.77	25.69	231.0	236.4	1530.55	.5360	41.7
160	20.43	36.67	25.94	207.5	213.5	1527.64	.5809	52.9
180	19.15	36.55	26.18	184.1	190.6	1524.32	.6214	64.9
200	18.20	36.46	26.36	167.7	174.7	1521.85	.6579	77.7
220	17.61	36.39	26.45	158.9	166.4	1520.38	.6920	91.2
240	17.20	36.33	26.50	153.8	161.9	1519.44	.7248	105.3
260	16.83	36.27	26.55	149.7	158.3	1518.59	.7568	120.2
280	16.48	36.21	26.58	146.2	155.4	1517.80	.7882	135.6
300	16.08	36.14	26.62	142.4	152.1	1516.83	.8189	151.7
340	14.88	35.92	26.72	132.8	143.1	1513.50	.8779	185.6
380	13.86	35.74	26.81	125.1	136.0	1510.66	.9337	221.9
420	12.77	35.58	26.91	115.6	126.9	1507.52	.9859	260.3
460	12.31	35.51	26.94	112.1	124.1	1506.53	1.0362	300.7
500	11.61	35.38	26.98	108.9	121.3	1504.61	1.0857	343.1
540	10.67	35.26	27.06	101.3	113.8	1501.82	1.1325	387.5
580	10.14	35.18	27.09	98.4	111.2	1500.47	1.1777	433.7
620	9.05	35.04	27.16	91.4	103.8	1496.96	1.2207	481.7
660	8.44	34.97	27.20	87.4	99.8	1495.24	1.2614	531.3
700	7.89	34.92	27.25	83.2	95.6	1493.74	1.3004	582.6
740	7.15	34.86	27.31	77.5	89.4	1491.47	1.3376	635.4
780	6.50	34.86	27.40	69.0	80.6	1489.57	1.3717	689.6
820	6.19	34.86	27.44	65.1	76.8	1489.00	1.4034	745.1

STD STATION NUMBER 44
 JULY 30, 1971 01.9 Z
 LATITUDE 20 15
 LONGITUDE 86 12
 DEPTH TO BOTTOM 1999 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.23	35.86	22.99	488.7	488.7	1543.28	.0000	.0
20	27.96	35.96	23.15	473.0	473.9	1543.11	.0963	1.0
40	27.66	36.13	23.38	451.4	453.1	1542.93	.1890	3.8
60	27.09	36.09	23.53	436.7	439.2	1541.95	.2782	8.5
80	25.89	36.14	23.95	396.9	400.2	1539.59	.3621	14.9
100	25.25	36.44	24.37	356.4	360.5	1538.68	.4382	22.9
120	24.73	36.61	24.66	329.0	333.9	1537.91	.5077	32.4
140	23.91	36.66	24.94	302.0	307.6	1536.29	.5718	43.1
160	22.09	36.74	25.53	246.0	252.2	1532.10	.6278	55.1
180	20.73	36.69	25.87	213.8	220.6	1528.79	.6751	68.2
200	19.43	36.60	26.15	187.4	194.7	1525.47	.7166	82.1
220	18.99	36.56	26.23	179.4	187.4	1524.52	.7548	96.8
240	18.56	36.51	26.30	172.6	181.1	1523.57	.7917	112.3
260	18.07	36.45	26.38	165.3	174.4	1522.43	.8272	128.5
280	17.78	36.41	26.42	161.4	171.0	1521.87	.8617	145.3
300	17.56	36.38	26.45	158.4	168.7	1521.51	.8957	162.9
340	16.52	36.21	26.57	147.1	158.2	1518.88	.9613	200.1
380	15.87	36.09	26.63	141.5	153.5	1517.42	1.0233	239.8
420	14.93	35.94	26.73	132.4	145.1	1514.96	1.0827	281.9
460	14.05	35.78	26.80	126.0	139.3	1512.61	1.1399	326.4
500	11.70	35.39	26.97	109.8	122.2	1504.94	1.1923	373.0
540	10.71	35.26	27.05	102.0	114.5	1501.96	1.2391	421.7
580	9.98	35.16	27.10	97.2	109.9	1499.87	1.2841	472.1
620	9.12	35.05	27.16	91.7	104.2	1497.23	1.3268	524.3
660	8.41	34.98	27.22	86.2	98.6	1495.14	1.3673	578.2
700	7.78	34.92	27.26	81.6	93.9	1493.32	1.4060	633.7
740	7.25	34.88	27.31	77.3	89.5	1491.88	1.4424	690.7
780	6.75	34.86	27.36	72.2	84.2	1490.56	1.4774	749.1
820	6.35	34.85	27.41	67.8	79.8	1489.62	1.5102	808.8
860	5.97	34.86	27.47	62.4	74.3	1488.77	1.5410	869.9
900	5.66	34.88	27.52	57.2	69.0	1488.21	1.5697	932.1
940	5.28	34.91	27.59	50.6	62.2	1487.36	1.5960	995.4
980	4.99	34.92	27.63	46.6	58.1	1486.85	1.6199	1059.7
1020	4.83	34.94	27.67	43.3	55.0	1486.87	1.6426	1125.0
1100	4.66	34.95	27.70	40.7	52.9	1487.50	1.6858	1258.1
1200	4.50	34.94	27.71	39.8	52.6	1488.46	1.7383	1429.3
1300	4.39	34.97	27.74	36.4	49.9	1489.68	1.7890	1605.7
1400	4.33	34.97	27.75	35.8	50.1	1491.08	1.8395	1787.1
1500	4.27	34.97	27.76	35.1	50.3	1492.48	1.8897	1973.6
1600	4.24	34.97	27.76	34.8	50.8	1494.00	1.9402	2165.1
1700	4.22	34.98	27.77	33.9	50.7	1495.58	1.9908	2361.6
1800	4.20	34.98	27.77	33.7	51.4	1497.15	2.0419	2563.3
1900	4.18	34.99	27.78	32.7	51.3	1498.74	2.0932	2770.0
2000	4.12	34.99	27.79	32.1	51.4	1500.15	2.1445	2981.9

STD STATION NUMBER 045
 JULY 30, 1971 07.9 Z
 LATITUDE 20 12
 LONGITUDE 85 40
 DEPTH TO BOTTOM 4413 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.67	36.07	23.00	487.5	487.5	1544.41	.0000	.0
20	28.66	36.07	23.00	487.2	488.1	1544.71	.0976	1.0
40	28.35	36.07	23.10	477.4	479.1	1544.37	.1943	3.9
60	27.53	36.03	23.34	454.6	457.1	1542.88	.2879	8.7
80	26.62	36.01	23.62	428.1	431.5	1541.15	.3768	15.4
100	26.02	36.06	23.85	406.5	410.6	1540.14	.4610	23.7
120	25.76	36.12	23.97	394.5	399.4	1539.92	.5420	33.8
140	25.50	36.33	24.21	371.7	377.4	1539.82	.6197	45.4
160	24.50	36.58	24.71	324.6	331.1	1537.98	.6905	58.5
180	23.25	36.73	25.19	278.4	285.6	1535.36	.7522	72.9
200	22.13	36.77	25.54	244.9	252.7	1532.87	.8060	88.5
220	21.22	36.74	25.78	222.9	231.3	1530.79	.8544	105.1
240	20.32	36.70	25.99	202.5	211.5	1528.66	.8987	122.6
260	19.58	36.62	26.13	189.7	199.2	1526.87	.9398	141.0
280	18.66	36.52	26.29	174.3	184.3	1524.51	.9781	160.2
300	17.99	36.44	26.39	164.1	174.5	1522.83	1.0100	180.1
340	17.05	36.30	26.52	152.5	163.9	1520.57	1.0816	222.0
380	15.72	36.07	26.65	139.7	151.7	1516.93	1.1449	266.6
420	14.32	35.82	26.77	128.5	140.8	1512.88	1.2033	313.6
460	12.97	35.60	26.88	117.9	130.4	1508.85	1.2576	362.8
500	11.94	35.44	26.96	110.4	123.1	1505.82	1.3082	414.1
540	10.87	35.29	27.04	102.5	115.2	1502.56	1.3560	467.4
580	9.81	35.14	27.11	96.0	108.4	1499.22	1.4009	522.5
620	8.79	35.01	27.18	89.7	101.8	1495.95	1.4429	579.4
660	8.13	34.94	27.23	85.1	97.1	1494.03	1.4825	637.9
700	7.39	34.86	27.27	80.7	92.4	1491.74	1.5203	698.0
740	6.91	34.84	27.33	75.8	87.4	1490.50	1.5562	759.5
780	6.56	34.86	27.39	69.8	81.5	1489.81	1.5900	822.5
820	6.05	34.85	27.45	64.1	75.6	1489.42	1.6215	886.7
860	5.80	34.87	27.50	59.6	71.2	1488.10	1.6509	952.2
900	5.49	34.89	27.55	54.5	66.0	1487.53	1.6781	1018.7
940	5.18	34.91	27.60	49.4	60.9	1486.96	1.7035	1086.4
980	4.97	34.92	27.64	46.3	57.8	1486.77	1.7271	1155.0
1020	4.77	34.94	27.68	42.7	54.2	1486.63	1.7495	1224.5
1100	4.56	34.95	27.71	39.7	51.6	1487.08	1.7916	1366.2
1200	4.42	34.96	27.73	37.4	50.0	1488.15	1.8421	1547.9
1300	4.34	34.97	27.75	35.9	49.3	1489.48	1.8918	1734.6
1400	4.29	34.97	27.75	35.3	49.6	1490.91	1.9412	1926.2
1500	4.27	34.97	27.76	35.1	50.3	1492.47	1.9912	2122.9
1600	4.25	34.98	27.77	34.2	50.2	1494.05	2.0417	2324.5
1700	4.25	34.97	27.76	34.9	51.9	1495.69	2.0929	2531.2
1800	4.24	34.98	27.77	34.1	52.0	1497.31	2.1445	2743.1
1900	4.24	34.98	27.77	34.1	52.9	1498.97	2.1970	2960.1
2000	4.24	34.98	27.77	34.1	53.8	1500.63	2.2503	3182.5

STD STATION NUMBER 46
 JULY 30, 1971 13.8 Z
 LATITUDE 20 11
 LONGITUDE 85 08
 DEPTH TO BOTTOM 4416 M

Z	T	S	SIGI	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.90	36.09	22.94	493.4	493.4	1544.92	.0000	.0
20	28.90	36.09	22.94	493.4	494.3	1545.24	.0988	1.0
40	28.93	36.09	22.93	494.4	496.1	1545.63	.1978	4.0
60	28.26	36.02	23.10	478.1	480.7	1544.46	.2955	8.9
80	27.14	35.98	23.43	446.2	449.5	1542.29	.3885	15.7
100	26.51	35.98	23.63	427.0	431.1	1541.19	.4766	24.4
120	26.13	36.02	23.78	412.7	417.6	1540.68	.5615	34.8
140	25.76	36.13	23.98	393.7	399.5	1540.25	.6432	46.8
160	25.29	36.37	24.31	362.6	369.2	1539.68	.7200	60.4
180	24.39	36.59	24.75	320.7	328.0	1538.05	.7898	75.5
200	23.46	36.75	25.15	282.8	290.9	1536.23	.8516	91.9
220	22.26	36.78	25.51	247.7	256.3	1533.54	.9064	109.5
240	21.13	36.73	25.79	221.3	230.4	1530.86	.9550	128.1
260	20.23	36.67	25.99	202.4	212.1	1528.71	.9993	147.7
280	19.40	36.60	26.16	186.6	196.8	1526.67	1.0402	168.1
300	18.68	36.51	26.27	175.5	186.2	1524.88	1.0785	189.3
340	17.39	36.35	26.47	156.7	168.2	1521.62	1.1488	233.8
380	16.30	36.17	26.59	145.1	157.4	1518.81	1.2141	281.1
420	15.30	35.99	26.69	136.5	149.5	1516.18	1.2755	330.9
460	14.02	35.77	26.80	126.1	139.4	1512.50	1.3335	383.1
500	12.40	35.51	26.93	113.8	126.8	1507.47	1.3870	437.5
540	11.30	35.35	27.01	105.6	118.7	1504.14	1.4360	494.0
580	10.39	35.23	27.08	98.8	111.9	1501.42	1.4823	552.4
620	9.49	35.10	27.14	93.8	106.8	1498.65	1.5260	612.5
660	8.73	35.01	27.19	88.8	101.6	1496.38	1.5677	674.4
700	8.01	34.92	27.23	84.9	97.4	1494.20	1.6075	737.9
740	7.45	34.87	27.27	80.8	93.2	1492.64	1.6457	803.0
780	6.81	34.84	27.34	74.5	86.5	1490.76	1.6816	869.5
820	6.37	34.83	27.39	69.6	81.5	1489.66	1.7152	937.5
860	5.96	34.85	27.46	63.0	74.9	1488.71	1.7465	1006.7
900	5.64	34.88	27.52	57.0	68.8	1488.12	1.7754	1077.2
940	5.39	34.90	27.57	52.6	64.4	1487.79	1.8019	1148.7
980	5.14	34.91	27.61	49.0	60.8	1487.44	1.8270	1221.3
1020	4.98	34.92	27.64	46.5	58.4	1487.46	1.8506	1294.8
1100	4.67	34.94	27.69	41.6	53.7	1487.52	1.8954	1444.7
1200	4.50	34.95	27.71	39.0	51.8	1488.47	1.9480	1636.9
1300	4.40	34.96	27.73	37.2	50.8	1489.71	1.9993	1834.3
1400	4.32	34.96	27.74	36.4	50.7	1491.02	2.0499	2036.7
1500	4.28	34.97	27.75	35.2	50.4	1492.51	2.1001	2244.2
1600	4.24	34.97	27.76	34.8	50.8	1494.00	2.1507	2456.8
1700	4.21	34.98	27.77	33.8	50.6	1495.54	2.2015	2674.4
1800	4.19	34.98	27.77	33.6	51.3	1497.11	2.2524	2897.1
1900	4.17	34.94	27.78	32.6	51.2	1498.69	2.3039	3124.9

STD STATION NUMBER 47
 JULY 30, 1971 19.8 Z
 LATITUDE 20 10
 LONGITUDE 84 39
 DEPTH TO BOTTOM 4418 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.80	36.04	22.93	493.8	493.8	1544.66	.0000	.0
20	28.74	36.06	22.97	490.5	491.3	1544.87	.0985	1.0
40	28.51	36.01	23.01	486.8	488.5	1544.66	.1965	3.9
60	27.35	35.97	23.36	453.3	455.9	1542.42	.2909	8.8
80	26.70	35.97	23.56	433.5	436.8	1541.29	.3802	15.5
100	26.37	36.05	23.73	417.7	421.9	1540.94	.4661	24.0
120	26.10	36.09	23.84	406.7	411.7	1540.68	.5494	34.1
140	25.94	36.19	23.97	394.8	400.6	1540.72	.6306	45.9
160	25.49	36.31	24.20	372.8	379.4	1540.10	.7086	59.3
180	24.27	36.46	24.47	346.8	354.2	1539.33	.7820	74.2
200	24.59	36.56	24.66	328.6	336.7	1538.83	.8511	90.6
220	23.88	36.68	24.97	299.7	308.6	1537.53	.9156	108.2
240	22.54	36.77	25.43	256.0	265.5	1534.57	.9730	127.1
260	21.63	36.76	25.68	232.3	242.3	1532.53	1.0238	147.1
280	20.90	36.72	25.85	216.0	226.6	1530.89	1.0707	168.0
300	20.35	36.67	25.96	205.4	216.6	1529.63	1.1150	189.9
340	18.61	36.50	26.28	174.6	186.6	1525.32	1.1957	236.1
380	17.54	36.39	26.47	157.2	170.2	1522.75	1.2669	285.4
420	16.49	36.19	26.57	147.9	161.5	1520.06	1.3334	337.4
460	15.32	36.00	26.69	136.2	150.4	1516.89	1.3958	392.0
500	14.13	35.79	26.79	126.8	141.3	1513.52	1.4542	449.0
540	12.20	35.59	26.89	117.3	131.9	1509.89	1.5086	508.3
580	11.70	35.39	26.97	109.8	124.2	1506.22	1.5598	569.7
620	10.25	35.20	27.08	98.7	112.5	1501.53	1.6071	633.0
660	9.27	35.07	27.15	92.6	106.1	1498.45	1.6509	698.2
700	8.01	34.93	27.24	84.2	96.7	1494.21	1.6913	765.0
740	7.33	34.88	27.30	78.4	90.7	1492.18	1.7289	833.4
780	6.72	34.86	27.37	71.8	83.8	1490.43	1.7639	903.3
820	6.39	34.86	27.41	67.6	79.6	1489.78	1.7965	974.5
860	5.98	34.86	27.47	62.5	74.4	1488.81	1.8274	1047.0
900	5.65	34.87	27.52	57.8	69.6	1488.15	1.8559	1120.7
940	5.43	34.89	27.56	53.8	65.7	1487.94	1.8829	1195.5
980	5.19	34.91	27.60	49.5	61.5	1487.65	1.9084	1271.3
1020	5.00	34.92	27.63	46.7	58.7	1487.54	1.9323	1348.1
1100	4.68	34.94	27.69	41.7	53.9	1487.56	1.9770	1504.5
1200	4.46	34.96	27.73	37.9	50.6	1488.32	2.0288	1704.8
1300	4.35	34.97	27.75	36.0	49.4	1489.51	2.0790	1910.2
1400	4.30	34.98	27.76	34.7	49.0	1490.96	2.1285	2120.6
1500	4.25	34.97	27.76	34.9	50.0	1492.39	2.1782	2335.9
1600	4.23	34.98	27.77	34.0	49.9	1493.97	2.2280	2556.2
1700	4.20	34.98	27.77	33.7	50.5	1495.49	2.2782	2781.5
1800	4.18	34.98	27.77	33.5	51.1	1497.06	2.3290	3011.9
1900	4.16	34.99	27.78	32.5	51.0	1498.65	2.3798	3247.3
2000	4.14	34.99	27.78	32.3	51.6	1500.23	2.4311	3487.9

STD STATION NUMBER 048
 SEPTEMBER 31, 1971 01.7 Z
 LATITUDE 20 12
 LONGITUDE 84 05
 DEPTH TO BOTTOM 4354 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.93	36.09	22.93	494.4	494.4	1544.98	.0000	.0
20	28.90	36.09	22.94	493.4	494.3	1545.24	.0989	1.0
40	28.52	36.03	23.02	485.6	487.3	1544.70	.1970	3.9
60	27.17	35.97	23.41	447.8	450.3	1542.02	.2908	8.8
80	26.57	35.98	23.61	428.8	432.1	1541.00	.3790	15.5
100	26.17	36.04	23.79	412.4	416.6	1540.47	.4639	24.0
120	26.48	36.34	23.91	400.2	405.2	1541.77	.5461	34.1
140	25.90	36.35	24.10	382.1	387.9	1540.77	.6254	45.8
160	25.14	36.45	24.41	352.5	359.0	1539.40	.7001	59.0
180	24.43	36.58	24.73	322.6	329.9	1538.14	.7690	73.7
200	23.86	36.67	24.97	299.8	307.9	1537.15	.8328	89.7
220	23.30	36.73	25.18	279.8	288.6	1536.13	.8924	107.0
240	22.60	36.76	25.40	258.4	267.8	1534.72	.9481	125.4
260	22.08	36.76	25.55	244.3	254.4	1533.70	1.0003	144.9
280	21.08	36.70	25.78	222.1	232.8	1531.35	1.0490	165.4
300	19.86	36.63	26.06	195.9	207.0	1528.30	1.0930	186.8
340	18.32	36.48	26.34	169.1	181.0	1524.46	1.1708	232.1
380	17.31	36.35	26.49	154.8	167.6	1522.03	1.2406	280.3
420	16.29	36.12	26.56	148.5	162.1	1519.38	1.3062	331.3
460	14.86	35.87	26.69	136.0	149.8	1515.30	1.3680	384.8
500	13.57	35.69	26.83	123.0	137.0	1511.58	1.4251	440.6
540	12.31	35.49	26.93	113.5	127.6	1507.79	1.4783	498.7
580	11.14	35.31	27.01	105.7	119.6	1504.18	1.5281	558.9
620	10.35	35.20	27.07	100.4	114.3	1501.89	1.5749	620.9
660	9.43	35.08	27.13	94.4	108.0	1499.05	1.6193	684.8
700	8.73	35.00	27.18	89.5	103.1	1497.01	1.6615	750.4
740	8.07	34.93	27.23	85.0	98.3	1495.08	1.7017	817.7
780	7.53	34.88	27.27	81.1	94.3	1493.60	1.7404	886.5
820	7.05	34.86	27.32	76.1	89.2	1492.37	1.7771	956.9
860	6.43	34.84	27.39	69.6	82.2	1490.56	1.8115	1028.7
900	6.05	34.86	27.46	63.4	75.9	1489.73	1.8431	1101.8
940	5.67	34.87	27.51	58.1	70.4	1488.88	1.8725	1176.1
980	5.40	34.88	27.55	54.2	66.5	1488.46	1.9001	1251.5
1020	5.16	34.90	27.60	50.0	62.3	1488.16	1.9256	1328.1
1100	4.77	34.93	27.67	43.4	55.8	1487.92	1.9726	1484.0
1200	4.55	34.95	27.71	39.6	52.5	1488.67	2.0265	1684.0
1300	4.41	34.96	27.73	37.3	50.9	1489.75	2.0781	1889.3
1400	4.33	34.97	27.75	35.8	50.1	1491.07	2.1287	2099.6
1500	4.28	34.97	27.75	35.2	50.4	1492.51	2.1789	2315.0
1600	4.24	34.97	27.76	34.8	50.8	1493.99	2.2294	2535.4
1700	4.21	34.98	27.77	33.8	50.6	1495.53	2.2797	2760.8
1800	4.18	34.98	27.77	33.5	51.1	1497.06	2.3305	2991.3
1900	4.15	34.99	27.78	32.4	50.9	1498.61	2.3813	3226.9
2000	4.14	34.99	27.78	32.3	51.6	1500.23	2.4324	3467.6

STD STATION NUMBER 49
 JULY 31, 1971 07.3 Z
 LATITUDE 19 43
 LONGITUDE 84 30
 DEPTH TO BOTTOM 4420 M

Z	T	S	SIGT	TANOM	SVA	SVEL	NYNHGT	TRANS
0	28.82	36.08	22.96	491.6	491.6	1544.74	.0000	.0
20	28.80	36.07	22.96	491.7	492.5	1545.01	.0984	1.0
40	28.71	36.05	22.97	490.2	492.0	1545.13	.1969	3.9
60	27.60	35.97	23.28	461.1	463.6	1542.98	.2924	6.8
80	26.93	35.97	23.49	440.5	443.8	1541.81	.3832	15.6
100	26.44	36.05	23.71	419.8	424.0	1541.10	.4699	24.1
120	26.40	36.27	23.89	402.8	407.8	1541.53	.5531	34.3
140	25.91	36.28	24.05	387.4	393.2	1540.73	.6332	46.2
160	25.32	36.37	24.30	363.5	370.1	1539.76	.7095	59.6
180	24.98	36.48	24.52	342.7	350.1	1539.13	.7816	74.5
200	24.40	36.61	24.76	319.5	327.7	1538.41	.8493	90.9
220	23.71	36.69	25.03	294.2	303.0	1537.12	.9124	108.5
240	22.56	36.76	25.39	260.0	269.5	1534.87	.9696	127.3
260	21.25	36.72	25.75	225.1	235.1	1531.50	1.0201	147.2
280	19.99	36.65	26.04	197.8	208.1	1528.35	1.0644	168.0
300	19.31	36.60	26.18	184.4	195.3	1526.74	1.1048	189.7
340	17.92	36.42	26.40	163.0	175.7	1523.25	1.1785	235.4
380	17.06	36.32	26.53	151.3	164.0	1521.26	1.2462	283.9
420	15.80	36.08	26.64	140.7	154.0	1517.83	1.3099	335.1
460	14.46	35.83	26.75	130.6	144.2	1513.98	1.3695	388.7
500	12.87	35.57	26.88	118.2	131.7	1509.12	1.4243	444.5
540	12.03	35.45	26.95	111.3	125.1	1506.78	1.4757	502.6
580	11.14	35.30	27.00	106.5	120.3	1504.16	1.5247	562.6
620	10.00	35.15	27.09	98.3	111.8	1500.57	1.5709	624.5
660	9.46	35.08	27.12	94.8	108.5	1499.16	1.6151	688.2
700	9.07	35.04	27.16	91.7	105.7	1498.32	1.6579	753.7
740	8.26	34.94	27.21	87.0	100.6	1495.81	1.6994	820.8
780	7.77	34.90	27.25	83.0	96.6	1494.55	1.7390	889.6
820	7.10	34.87	27.32	76.1	89.2	1492.58	1.7761	959.9
860	6.56	34.85	27.38	70.5	83.4	1491.09	1.8107	1031.6
900	5.99	34.86	27.46	62.7	75.1	1489.50	1.8423	1104.7
940	5.64	34.88	27.52	57.0	69.3	1488.77	1.8711	1179.0
980	5.37	34.90	27.57	52.3	64.6	1488.36	1.8980	1254.4
1020	5.08	34.92	27.62	47.6	59.7	1487.86	1.9230	1330.8
1100	4.75	34.94	27.68	42.4	54.8	1487.85	1.9687	1486.5
1200	4.54	34.96	27.72	38.7	51.6	1488.65	2.0218	1686.0
1300	4.41	34.96	27.73	37.3	50.9	1489.75	2.0730	1890.8
1400	4.32	34.97	27.75	35.7	50.0	1491.03	2.1234	2100.6
1500	4.27	34.97	27.76	35.1	50.3	1492.47	2.1736	2315.5
1600	4.24	34.98	27.77	34.1	50.1	1494.01	2.2239	2535.3
1700	4.20	34.98	27.77	33.7	50.5	1495.49	2.2741	2760.2
1800	4.18	35.00	27.79	32.0	49.7	1497.09	2.3246	2990.2
1900	4.16	34.99	27.78	32.5	51.0	1498.65	2.3753	3225.2
2000	4.15	34.99	27.78	32.4	51.8	1500.27	2.4267	3465.3

STD STATION NUMBER 50
 JULY 31, 1971 14.2 Z
 LATITUDE 19 20
 LONGITUDE 84 52
 DEPTH TO BOTTOM 4415 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYMHGT	TRANS
0	28.79	36.09	22.97	489.9	489.9	1544.68	.0000	.0
20	28.79	36.09	22.97	489.9	490.8	1545.01	.0981	1.0
40	28.76	36.08	22.98	489.7	491.4	1545.26	.1963	3.9
60	27.85	35.98	23.20	468.1	470.7	1543.53	.2925	8.8
80	26.93	35.98	23.50	439.7	443.1	1541.82	.3839	15.6
100	26.37	36.03	23.71	419.2	423.3	1540.92	.4705	24.1
120	25.94	36.07	23.88	403.4	408.3	1540.29	.5537	34.4
140	25.57	36.19	24.09	383.8	389.5	1539.86	.6335	46.2
160	25.17	36.38	24.35	358.4	364.9	1539.41	.7089	59.7
180	24.11	36.67	24.89	306.9	314.2	1537.44	.7768	74.5
200	22.31	36.75	25.48	251.2	259.0	1533.32	.8342	90.6
220	21.24	36.74	25.77	223.4	231.8	1530.84	.8832	107.8
240	20.29	36.70	26.00	201.7	210.7	1528.58	.9275	125.9
260	19.49	36.62	26.15	187.4	196.9	1526.62	.9683	144.9
280	18.62	36.51	26.29	174.1	184.0	1524.39	1.0063	164.6
300	18.14	36.47	26.38	165.5	176.0	1523.29	1.0423	185.1
340	17.41	36.37	26.48	155.7	167.2	1521.70	1.1109	228.2
380	16.37	36.19	26.59	145.2	157.5	1519.05	1.1755	273.9
420	15.44	36.00	26.66	138.8	151.8	1516.63	1.2378	322.2
460	14.05	35.77	26.79	126.7	140.0	1512.60	1.2959	372.9
500	13.37	35.66	26.85	121.3	135.1	1510.89	1.3510	425.8
540	12.19	35.46	26.93	113.5	127.4	1507.34	1.4038	480.9
580	10.81	35.25	27.02	104.5	118.0	1502.94	1.4527	538.0
620	10.02	35.16	27.09	97.9	111.4	1500.65	1.4986	597.1
660	9.16	35.05	27.15	92.4	105.7	1498.02	1.5420	657.9
700	8.56	34.97	27.18	89.2	102.5	1496.34	1.5834	720.4
740	7.71	34.90	27.26	82.1	95.0	1493.67	1.6229	784.5
780	7.30	34.87	27.29	78.7	91.6	1492.70	1.6600	850.2
820	6.77	34.85	27.35	73.2	85.8	1491.27	1.6953	917.3
860	6.46	34.84	27.39	70.0	82.6	1490.68	1.7288	985.8
900	6.01	34.85	27.45	63.7	76.1	1489.56	1.7606	1055.6
940	5.63	34.88	27.53	56.9	69.1	1488.73	1.7895	1126.6
980	5.38	34.89	27.56	53.2	65.5	1488.39	1.8165	1198.7
1020	5.16	34.91	27.61	49.2	61.5	1488.18	1.8419	1271.9
1100	4.80	34.93	27.66	43.7	56.2	1488.04	1.8888	1421.2
1200	4.56	34.95	27.71	39.7	52.6	1488.72	1.9429	1612.8
1300	4.43	34.96	27.73	37.5	51.2	1489.83	1.9947	1809.7
1400	4.34	34.97	27.75	35.9	50.2	1491.12	2.0454	2011.7
1500	4.29	34.98	27.76	34.6	49.8	1492.57	2.0955	2218.7
1600	4.25	34.98	27.77	34.2	50.2	1494.05	2.1458	2430.8
1700	4.22	34.98	27.77	33.9	50.7	1495.58	2.1963	2647.9
1800	4.20	34.98	27.77	33.7	51.4	1497.15	2.2473	2870.1
1900	4.17	34.99	27.78	32.6	51.2	1498.69	2.2985	3097.4
2000	4.16	35.00	27.79	31.8	51.2	1500.33	2.3498	3329.8

STD STATION NUMBER 51
 JULY 31, 1971 21.7 7
 LATITUDE 18 58
 LONGITUDE 84 32
 DEPTH TO BOTTOM 2743 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.89	36.09	22.94	493.1	493.1	1544.89	.0000	.0
20	28.90	36.09	22.94	493.4	494.3	1545.24	.0987	1.0
40	28.90	36.08	22.93	494.2	495.9	1545.56	.1978	4.0
60	27.72	35.95	23.22	466.2	468.8	1543.22	.2942	8.9
80	26.77	35.97	23.54	435.6	438.9	1541.45	.3850	15.7
100	26.26	36.01	23.73	417.3	421.4	1540.65	.4710	24.2
120	25.92	36.10	23.91	400.7	405.6	1540.27	.5537	34.5
140	25.60	36.23	24.11	381.8	387.6	1539.97	.6330	46.3
160	25.12	36.44	24.41	352.6	359.2	1539.34	.7077	59.7
180	24.03	36.69	24.93	303.2	310.5	1537.26	.7747	74.6
200	22.81	36.75	25.33	264.8	272.8	1534.60	.8330	90.6
220	21.74	36.75	25.64	235.9	244.4	1532.17	.8847	107.8
240	20.56	36.71	25.93	207.9	217.0	1529.32	.9309	126.0
260	19.56	36.61	26.12	189.9	199.4	1526.81	.9725	145.0
280	18.83	36.54	26.26	177.0	187.0	1525.01	1.0111	164.9
300	18.06	36.43	26.37	166.5	176.9	1523.02	1.0475	185.4
340	16.69	36.23	26.55	149.5	160.6	1519.41	1.1146	228.7
380	15.26	35.99	26.69	135.7	147.4	1515.41	1.1762	274.5
420	13.74	35.72	26.82	124.2	136.1	1510.89	1.2329	322.7
460	12.49	35.52	26.92	114.7	126.8	1507.14	1.2855	373.1
500	11.06	35.29	27.01	105.8	117.7	1502.58	1.3343	425.5
540	10.23	35.19	27.08	99.1	111.2	1500.16	1.3798	479.8
580	9.54	35.09	27.12	95.4	107.5	1498.18	1.4236	535.9
620	9.03	35.03	27.16	91.8	104.2	1496.87	1.4660	593.7
660	8.49	34.97	27.20	88.2	100.6	1495.43	1.5070	653.1
700	7.81	34.90	27.24	83.6	95.8	1493.41	1.5463	714.2
740	7.65	34.89	27.26	82.1	94.8	1493.43	1.5843	776.8
780	7.07	34.85	27.31	77.1	89.6	1491.79	1.6211	840.9
820	6.74	34.84	27.35	73.6	86.1	1491.14	1.6560	906.5
860	6.37	34.85	27.41	68.1	80.6	1490.34	1.6893	973.4
900	5.37	34.85	27.47	62.0	74.1	1489.00	1.7204	1041.6
940	5.54	34.88	27.54	55.8	67.9	1488.37	1.7485	1111.0
980	5.26	34.90	27.59	51.1	63.1	1487.92	1.7747	1181.4
1020	5.07	34.91	27.62	48.2	60.3	1487.81	1.7994	1252.9
1100	4.73	34.94	27.68	42.2	54.5	1487.77	1.8447	1398.7
1200	4.53	34.95	27.71	39.3	52.2	1488.59	1.8976	1585.8
1300	4.41	34.96	27.73	37.3	50.9	1489.75	1.9488	1778.2
1400	4.34	34.97	27.75	35.9	50.2	1491.12	1.9996	1975.6
1500	4.28	34.97	27.75	35.2	50.4	1492.51	2.0409	2178.1
1600	4.25	34.98	27.77	34.2	50.2	1494.05	2.1003	2385.6
1700	4.21	34.98	27.77	33.8	50.6	1495.54	2.1506	2598.1
1800	4.18	34.98	27.77	33.5	51.1	1497.07	2.2015	2815.7
1900	4.17	35.00	27.79	31.9	50.4	1498.71	2.2522	3038.4
2000	4.15	34.99	27.78	32.4	51.8	1500.27	2.3035	3266.2

STD STATION NUMBER 52
 AUGUST 01, 1971 01.9 7
 LATITUDE 18 45
 LONGITUDE 84 16
 DEPTH TO BOTTOM 2575 M

Z	T	S	SIGT	TANOM	SVA	SVEL	CYNHGT	TRANS
0	28.88	36.05	22.91	495.7	495.7	1544.84	.0000	.0
20	28.89	36.06	22.92	495.3	496.1	1545.19	.0992	1.0
40	28.61	36.02	22.98	489.2	490.9	1544.89	.1979	4.0
60	27.47	35.98	23.33	456.3	458.9	1542.70	.2929	8.9
80	26.67	35.99	23.59	431.1	434.4	1541.24	.3822	15.6
100	26.17	36.09	23.82	408.8	413.0	1540.51	.4669	24.1
120	25.78	36.18	24.01	390.7	395.7	1540.02	.5478	34.3
140	25.32	36.36	24.29	364.2	370.0	1539.42	.6244	46.0
160	24.32	36.60	24.78	318.0	324.5	1537.56	.6938	59.2
180	22.80	36.77	25.35	263.1	270.3	1534.26	.7533	73.6
200	21.80	36.76	25.63	236.8	244.5	1532.01	.8048	89.2
220	20.73	36.72	25.89	211.6	219.9	1529.46	.8512	105.8
240	19.76	36.62	26.08	194.1	203.0	1527.05	.8935	123.2
260	18.65	36.51	26.28	174.8	184.0	1524.15	.9322	141.5
280	17.76	36.39	26.41	162.4	172.0	1521.79	.9678	160.5
300	17.08	36.27	26.49	155.4	165.4	1519.98	1.0015	180.2
340	15.83	36.07	26.63	142.1	152.9	1516.63	1.0650	221.5
380	14.71	35.89	26.74	131.4	142.8	1513.56	1.1241	265.3
420	13.54	35.69	26.83	122.4	134.2	1510.20	1.1795	311.4
460	12.39	35.50	26.92	114.3	126.3	1506.78	1.2314	359.6
500	11.45	35.35	26.98	108.2	120.5	1504.02	1.2806	409.9
540	10.51	35.22	27.05	101.6	113.9	1501.20	1.3274	462.0
580	9.83	35.12	27.09	97.8	110.2	1499.27	1.3722	516.0
620	9.31	35.06	27.13	94.0	106.7	1497.94	1.4155	571.8
660	8.76	35.01	27.18	89.2	102.1	1496.49	1.4573	629.2
700	8.31	34.96	27.22	86.3	99.2	1495.38	1.4975	688.3
740	7.83	34.90	27.24	83.8	96.8	1494.13	1.5367	749.0
780	7.20	34.86	27.30	78.1	90.8	1492.31	1.5741	811.2
820	6.55	34.83	27.37	71.9	84.1	1490.38	1.6092	874.9
860	6.05	34.85	27.45	64.1	76.1	1489.07	1.6412	939.9
900	5.71	34.84	27.52	57.8	69.7	1488.41	1.6704	1006.2
940	5.45	34.84	27.56	54.0	66.0	1488.02	1.6977	1073.5
980	5.16	34.91	27.61	49.2	61.1	1487.53	1.7231	1142.0
1020	4.94	34.93	27.65	45.3	57.1	1487.31	1.7467	1211.4
1100	4.69	34.94	27.68	41.8	54.0	1487.60	1.7911	1352.9
1200	4.53	34.96	27.72	38.6	51.5	1488.61	1.8437	1534.6
1300	4.39	34.96	27.73	37.1	50.7	1489.67	1.8949	1721.6
1400	4.33	34.97	27.75	35.8	50.1	1491.08	1.9451	1913.6
1500	4.27	34.97	27.76	35.1	50.3	1492.47	1.9951	2110.6
1600	4.22	34.98	27.77	33.9	49.8	1493.93	2.0450	2312.6
1700	4.20	34.98	27.77	33.7	50.5	1495.50	2.0951	2519.6
1800	4.18	34.99	27.78	32.7	50.4	1497.08	2.1457	2731.7
1900	4.15	34.99	27.78	32.4	50.9	1498.61	2.1962	2948.7
2000	4.13	34.99	27.79	32.2	51.5	1500.19	2.2475	3170.9

STD STATION NUMBER 53
 AUGUST 01, 1971 06.5 Z
 LATITUDE 18 37
 LONGITUDE 84 10
 DEPTH TO BOTTOM 1015 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.77	36.08	22.97	490.0	490.0	1544.63	.0000	.0
20	28.83	36.08	22.95	491.9	492.8	1545.08	.0983	1.0
40	28.66	36.06	22.99	487.9	489.6	1545.03	.1965	3.9
60	27.78	36.01	23.25	463.8	466.3	1543.41	.2921	8.8
80	26.57	36.01	23.64	426.6	430.0	1541.03	.3817	15.6
100	26.06	36.06	23.83	407.7	411.8	1540.23	.4659	24.0
120	25.54	36.24	24.13	379.3	384.3	1539.51	.5455	34.1
140	24.78	36.48	24.55	339.8	345.6	1538.25	.6185	45.8
160	23.42	36.69	25.11	286.0	292.5	1535.43	.6823	58.8
180	21.60	36.75	25.68	232.2	239.1	1531.15	.7355	73.0
200	20.27	36.67	25.98	203.4	210.9	1527.85	.7805	88.1
220	19.46	36.61	26.15	187.4	195.4	1525.89	.8211	104.1
240	18.86	36.59	26.29	174.1	182.7	1524.50	.8589	120.9
260	18.16	36.50	26.40	163.8	172.9	1522.73	.8945	138.5
280	17.68	36.41	26.45	159.0	168.7	1521.57	.9286	156.7
300	17.33	36.36	26.50	154.6	164.7	1520.81	.9620	175.6
340	16.99	36.35	26.57	147.5	158.9	1520.44	1.0267	215.4
380	15.66	36.08	26.67	137.7	149.6	1516.75	1.0885	257.7
420	14.26	35.83	26.79	126.6	138.9	1512.70	1.1461	302.4
460	12.80	35.60	26.92	114.7	127.1	1508.28	1.1992	349.3
500	11.80	35.42	26.97	109.4	121.9	1505.32	1.2488	398.3
540	11.02	35.31	27.03	103.7	116.5	1503.11	1.2964	449.2
580	10.07	35.17	27.09	98.0	110.7	1500.20	1.3421	502.0
620	9.53	35.11	27.14	93.7	106.7	1498.81	1.3854	556.5
660	8.96	35.03	27.17	90.8	103.9	1497.26	1.4275	612.8
700	8.02	34.93	27.24	84.3	96.9	1494.25	1.4675	670.7
740	7.40	34.88	27.29	79.4	91.7	1492.46	1.5051	730.2
780	6.79	34.85	27.35	73.5	85.5	1490.70	1.5405	791.1

STD STATION NUMBER 54
 AUGUST 01, 1971 18.2 7
 LATITUDE 18 21
 LONGITUDE 82 04
 DEPTH TO BOTTOM 4206 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.61	36.07	23.35	454.2	454.2	1542.12	.0000	.0
20	27.42	36.09	23.42	446.9	447.7	1542.04	.0902	.9
40	27.04	36.11	23.56	433.8	435.4	1541.53	.1785	3.6
60	26.62	36.23	23.79	412.3	414.8	1541.02	.2635	8.0
80	26.11	36.36	24.05	387.6	391.0	1540.29	.3441	14.1
100	25.38	36.52	24.39	354.5	358.6	1539.06	.4191	21.7
120	24.27	36.70	24.87	309.3	314.2	1536.88	.4864	30.8
140	23.19	36.79	25.25	272.4	278.0	1534.62	.5456	41.1
160	22.45	36.80	25.48	251.4	257.7	1533.08	.5992	52.5
180	21.55	36.76	25.70	230.1	237.1	1531.03	.6486	65.0
200	20.53	36.68	25.92	209.3	216.8	1528.57	.6940	78.4
220	19.81	36.62	26.07	195.4	203.5	1526.87	.7361	92.7
240	18.84	36.51	26.23	179.4	188.0	1524.37	.7752	107.9
260	18.04	36.42	26.37	166.8	175.8	1522.31	.8116	123.7
280	17.42	36.35	26.47	157.4	166.9	1520.75	.8459	140.3
300	16.60	36.22	26.56	148.2	158.0	1518.49	.8783	157.5
340	15.67	36.06	26.66	139.3	150.0	1516.12	.9399	193.9
380	14.96	35.94	26.72	133.0	144.5	1514.41	.9989	232.7
420	14.21	35.80	26.78	127.7	140.0	1512.51	1.0559	273.8
460	13.89	35.75	26.81	124.9	138.1	1512.06	1.1115	317.1
500	13.28	35.65	26.86	120.2	134.1	1510.59	1.1660	362.7
540	11.37	35.33	26.98	108.3	121.4	1504.36	1.2173	410.4
580	8.93	34.99	27.14	93.3	104.7	1495.81	1.2625	460.0
620	7.87	34.90	27.23	84.4	95.4	1492.35	1.3025	511.3
660	7.12	34.84	27.30	78.6	89.2	1490.03	1.3392	564.1
700	6.83	34.84	27.34	74.7	85.6	1489.55	1.3741	618.4
740	6.59	34.85	27.38	70.9	82.0	1489.27	1.4077	674.0
780	6.29	34.84	27.41	67.8	79.1	1488.72	1.4399	731.0
820	5.92	34.86	27.47	61.8	73.0	1487.92	1.4703	789.2
860	5.71	34.87	27.51	58.6	69.9	1487.74	1.4989	848.6
900	5.48	34.89	27.55	54.4	65.9	1487.50	1.5261	909.1
940	5.14	34.91	27.61	49.0	60.3	1486.80	1.5512	970.7
980	4.93	34.93	27.65	45.2	56.6	1486.62	1.5746	1033.2
1020	4.79	34.94	27.67	42.9	54.4	1486.71	1.5969	1096.6
1100	4.58	34.96	27.71	39.1	51.1	1487.18	1.6388	1226.1
1200	4.45	34.96	27.73	37.8	50.4	1488.28	1.6894	1392.5
1300	4.37	34.97	27.74	36.2	49.7	1489.60	1.7392	1563.9
1400	4.31	34.97	27.75	35.6	49.8	1491.00	1.7890	1740.3
1500	4.27	34.98	27.76	34.4	49.5	1492.49	1.8386	1921.7
1600	4.24	34.98	27.77	34.1	50.1	1494.01	1.8884	2108.1
1700	4.22	34.99	27.78	33.1	50.0	1495.59	1.9388	2299.4
1800	4.20	34.99	27.78	32.9	50.7	1497.17	1.9892	2495.8
1900	4.17	34.99	27.78	32.6	51.2	1498.70	2.0401	2697.3
2000	4.15	35.01	27.80	30.9	50.3	1500.30	2.0907	2903.8

STD STATION NUMBER 55
 AUGUST 03, 1971 04.1 Z
 LATITUDE 17 25
 LONGITUDE 76 34
 DEPTH TO BOTTOM 1970 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.56	36.02	23.33	456.2	456.2	1541.96	.0000	.0
20	27.57	36.01	23.32	457.3	458.1	1542.30	.0914	.9
40	27.49	36.16	23.45	444.0	445.7	1542.58	.1818	3.6
60	27.08	36.20	23.62	428.5	431.0	1542.03	.2695	8.2
80	26.75	36.26	23.77	414.1	417.5	1541.66	.3543	14.4
100	26.27	36.36	23.99	392.4	396.6	1540.98	.4358	22.3
120	25.73	36.45	24.23	369.8	374.8	1540.14	.5129	31.8
140	25.09	36.56	24.51	343.1	348.8	1539.05	.5853	42.8
160	24.38	36.65	24.80	316.1	322.6	1537.75	.6524	55.1
180	23.28	36.74	25.19	278.5	285.7	1535.45	.7132	68.8
200	21.85	36.76	25.62	238.1	245.9	1532.14	.7664	83.6
220	20.89	36.73	25.86	215.0	223.4	1529.90	.8133	99.4
240	19.91	36.65	26.06	195.7	204.6	1527.49	.8561	116.1
260	19.03	36.54	26.21	181.9	191.2	1525.26	.8957	133.6
280	18.31	36.48	26.34	168.8	178.7	1523.47	.9327	151.9
300	17.82	36.43	26.43	160.9	171.2	1522.32	.9677	170.9
340	16.99	36.30	26.53	151.1	162.5	1520.39	1.0341	210.9
380	15.77	36.10	26.66	138.6	150.6	1517.12	1.0969	253.6
420	14.79	35.92	26.74	130.9	143.5	1514.50	1.1559	298.6
460	13.91	35.74	26.80	126.1	139.3	1512.11	1.2126	346.0
500	12.63	35.53	26.90	116.6	129.9	1508.27	1.2662	395.6
540	11.56	35.38	26.99	108.0	121.3	1505.08	1.3162	447.3
580	10.84	35.29	27.05	102.0	115.6	1503.10	1.3637	500.9
620	10.21	35.21	27.10	97.3	111.1	1501.40	1.4090	556.3
660	9.19	35.09	27.18	89.9	103.3	1498.19	1.4518	613.5
700	8.33	35.00	27.24	83.6	96.6	1495.51	1.4918	672.4
740	7.91	34.95	27.27	81.2	94.4	1494.50	1.5301	732.9
780	7.30	34.90	27.32	76.5	89.4	1492.75	1.5668	794.8
820	6.87	34.87	27.36	73.0	85.8	1491.68	1.6018	858.2
860	6.48	34.87	27.41	68.0	80.7	1490.80	1.6352	922.9
900	6.21	34.86	27.44	65.4	78.2	1490.37	1.6669	989.0
940	5.83	34.87	27.49	60.0	72.6	1489.52	1.6971	1056.3
980	5.59	34.89	27.54	55.6	68.4	1489.24	1.7252	1124.7
1020	5.44	34.90	27.56	53.2	66.1	1489.30	1.7522	1194.3
1100	5.01	34.93	27.64	46.0	59.0	1488.90	1.8020	1336.5
1200	4.67	34.96	27.70	40.1	53.3	1489.18	1.8579	1519.5
1300	4.43	34.97	27.74	36.8	50.4	1489.85	1.9094	1707.9
1400	4.33	34.98	27.76	35.0	49.4	1491.09	1.9589	1901.3
1500	4.23	34.98	27.77	34.0	49.0	1492.32	2.0082	2099.6
1600	4.16	34.98	27.77	33.3	49.0	1493.68	2.0571	2302.9
1700	4.11	34.99	27.79	32.0	48.5	1495.14	2.1059	2511.1
1800	4.09	34.98	27.78	32.6	49.9	1496.69	2.1553	2724.1
1900	4.17	34.99	27.78	32.6	51.2	1498.70	2.2051	2942.1

STD STATION NUMBER 56
 AUGUST 10, 1971 03.3 7
 LATITUDE 18 46
 LONGITUDE 76 24
 DEPTH TO BOTTOM 3015 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.21	36.24	22.95	492.6	492.6	1545.70	.0000	.0
20	29.09	36.22	22.97	490.2	491.1	1545.75	.0984	1.0
40	28.74	36.20	23.07	480.4	482.1	1545.32	.1957	3.9
60	27.17	36.25	23.63	427.7	430.2	1542.27	.2869	8.8
80	25.75	36.36	24.16	376.9	380.2	1539.46	.3680	15.3
100	24.73	36.51	24.58	336.2	340.3	1537.51	.4400	23.4
120	23.88	36.64	24.94	302.6	307.4	1535.88	.5048	32.8
140	23.13	36.75	25.24	273.7	279.3	1534.43	.5635	43.5
160	22.33	36.80	25.51	248.1	254.4	1532.77	.6168	55.3
180	21.53	36.78	25.72	228.2	235.1	1531.00	.6658	68.1
200	20.45	36.69	25.95	206.6	214.1	1528.36	.7107	81.9
220	19.60	36.60	26.11	191.6	199.6	1526.27	.7521	96.5
240	18.68	36.48	26.25	177.7	186.2	1523.89	.7907	112.0
260	17.85	36.38	26.38	165.2	174.2	1521.72	.8267	128.1
280	17.24	36.31	26.48	156.1	165.6	1520.18	.8607	145.0
300	16.70	36.22	26.54	150.4	160.3	1518.79	.8933	162.5
340	15.93	36.12	26.64	140.6	151.5	1516.99	.9555	199.5
380	15.11	36.01	26.74	131.0	142.7	1514.96	1.0143	238.9
420	14.32	35.88	26.82	124.1	136.5	1512.95	1.0701	280.6
460	13.65	35.75	26.86	120.2	133.2	1511.27	1.1238	324.5
500	12.57	35.60	26.96	110.3	123.6	1508.15	1.1751	370.5
540	12.12	35.54	27.00	106.4	120.3	1507.20	1.2238	418.5
580	11.54	35.46	27.05	101.7	116.1	1505.76	1.2711	468.4
620	10.98	35.38	27.09	97.8	112.5	1504.35	1.3169	520.1
660	10.37	35.29	27.13	94.1	109.0	1502.72	1.3611	573.7
700	9.53	35.18	27.19	88.5	103.2	1500.20	1.4038	629.0
740	8.52	35.04	27.25	83.4	97.5	1496.93	1.4439	686.0
780	7.25	34.91	27.33	75.1	87.9	1492.57	1.4811	744.5
820	6.37	34.87	27.42	66.6	78.6	1489.72	1.5141	804.4
860	5.86	34.87	27.49	60.3	72.0	1488.34	1.5443	865.6
900	5.60	34.88	27.53	56.5	68.2	1487.96	1.5723	927.9
940	5.32	34.90	27.58	51.8	63.5	1487.51	1.5987	991.3
980	5.15	34.91	27.61	49.1	60.9	1487.49	1.6235	1055.8
1020	5.00	34.92	27.63	46.7	58.7	1487.54	1.6475	1121.2
1100	4.77	34.93	27.67	43.4	55.8	1487.92	1.6929	1254.8
1200	4.59	34.96	27.71	39.2	52.3	1488.86	1.7468	1426.9
1300	4.49	34.97	27.73	37.4	51.2	1490.10	1.7984	1604.1
1400	4.37	34.98	27.75	35.4	49.9	1491.26	1.8491	1786.5
1500	4.30	34.98	27.76	34.7	49.9	1492.61	1.8990	1973.9
1600	4.31	35.00	27.77	33.3	49.6	1494.33	1.9484	2166.3
1700	4.27	35.00	27.78	32.9	50.0	1495.81	1.9981	2363.6
1800	4.22	35.00	27.78	32.4	50.2	1497.26	2.0482	2565.9
1900	4.19	35.00	27.79	32.1	50.7	1498.79	2.0987	2773.3
2000	4.17	35.00	27.79	31.9	51.4	1500.37	2.1497	2985.7

STD STATION NUMBER 57
 AUGUST 10, 1971 16.0 Z
 LATITUDE 19 24
 LONGITUDE 77 26
 DEPTH TO BOTTOM M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.82	36.16	23.02	485.8	485.9	1544.81	.0000	.0
20	28.07	35.98	23.13	475.0	475.9	1543.36	.0962	1.0
40	27.30	36.04	23.43	446.8	448.5	1542.05	.1886	3.8
60	26.92	36.11	23.60	430.1	432.6	1541.59	.2767	8.5
80	26.29	36.26	23.91	400.2	403.5	1540.62	.3603	14.8
100	25.60	36.38	24.22	371.0	375.1	1539.45	.4382	22.8
120	24.77	36.49	24.56	338.8	343.7	1537.91	.5101	32.3
140	24.18	36.58	24.80	315.0	321.1	1536.88	.5766	43.2
160	23.54	36.66	25.05	291.6	298.0	1535.70	.6385	55.3
180	22.58	36.73	25.39	260.0	267.1	1533.67	.6950	68.7
200	21.46	36.76	25.72	227.8	235.5	1531.12	.7452	83.1
220	20.35	36.72	26.00	201.8	210.1	1528.44	.7898	98.4
240	19.49	36.66	26.18	184.5	193.3	1526.34	.8301	114.6
260	18.81	36.60	26.31	172.2	181.5	1524.69	.8676	131.6
280	18.34	36.54	26.38	165.2	175.0	1523.61	.9032	149.3
300	17.99	36.50	26.44	159.8	170.2	1522.89	.9378	167.7
340	17.37	36.41	26.52	151.9	163.4	1521.63	1.0045	206.6
380	16.71	36.28	26.58	146.3	158.8	1520.17	1.0689	248.0
420	15.74	36.10	26.67	137.9	151.2	1517.67	1.1309	292.0
460	14.38	35.87	26.80	126.1	139.6	1513.77	1.1891	338.4
500	13.48	35.74	26.89	117.5	131.6	1511.35	1.2433	387.1
540	12.60	35.60	26.96	110.9	125.2	1508.90	1.2947	437.9
580	11.59	35.45	27.03	103.4	117.8	1505.92	1.3434	490.6
620	10.77	35.32	27.08	98.6	113.1	1503.53	1.3894	545.3
660	9.71	35.16	27.15	92.9	106.9	1500.18	1.4335	601.8
700	8.69	35.02	27.20	87.4	100.9	1496.89	1.4749	659.9
740	8.23	34.97	27.24	84.4	97.9	1495.74	1.5145	719.7
780	7.63	34.93	27.29	78.8	92.2	1494.06	1.5524	781.1
820	7.15	34.89	27.33	75.2	88.5	1492.80	1.5885	843.9
860	6.53	34.86	27.39	69.4	82.2	1490.99	1.6229	908.1
900	6.11	34.86	27.45	64.1	76.8	1489.98	1.6548	973.7
940	5.75	34.86	27.49	59.8	72.3	1489.19	1.6847	1040.5
980	5.51	34.88	27.54	55.5	68.0	1488.90	1.7127	1108.4
1020	5.20	34.90	27.59	50.4	62.8	1488.33	1.7389	1177.5
1100	4.81	34.93	27.66	43.8	56.3	1488.08	1.7858	1318.5
1200	4.60	34.95	27.70	40.1	53.1	1488.88	1.8403	1499.8
1300	4.46	34.96	27.73	37.9	51.6	1489.96	1.8923	1686.5
1400	4.37	34.97	27.74	36.2	50.6	1491.24	1.9438	1878.3
1500	4.32	34.97	27.75	35.7	50.9	1492.68	1.9945	2075.2
1600	4.26	34.98	27.76	34.3	50.4	1494.09	2.0453	2277.2
1700	4.23	34.98	27.77	34.0	50.9	1495.62	2.0959	2484.2
1800	4.22	34.99	27.78	33.1	51.0	1497.25	2.1467	2696.4
1900	4.20	34.99	27.78	32.9	51.6	1498.82	2.1981	2913.6
2000	4.18	35.00	27.79	32.0	51.5	1500.41	2.2496	3136.0

STD STATION NUMBER 58
 AUGUST 10, 1971 21.3 Z
 LATITUDE 19 57
 LONGITUDE 78 27
 DEPTH TO BOTTOM 1756 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.17	36.10	22.85	501.4	501.4	1545.49	.0000	.0
20	28.97	36.16	22.97	490.7	491.5	1545.45	.0993	1.0
40	28.32	36.10	23.14	474.3	476.0	1544.34	.1960	3.9
60	27.50	36.06	23.54	436.1	438.6	1541.72	.2875	8.8
80	25.89	36.17	23.97	394.7	398.0	1539.62	.3712	15.4
100	25.15	36.38	24.36	357.8	361.9	1538.39	.4472	23.6
120	24.28	36.60	24.79	316.8	321.7	1536.82	.5155	33.2
140	23.39	36.72	25.14	283.0	288.7	1535.06	.5766	44.1
160	22.06	36.77	25.56	243.0	249.3	1532.05	.6304	56.2
180	21.02	36.75	25.84	216.9	223.8	1529.62	.6777	69.2
200	19.45	36.69	26.11	191.3	198.7	1526.72	.7199	83.2
220	18.95	36.61	26.28	174.8	182.8	1524.45	.7581	98.0
240	18.50	36.57	26.37	166.8	175.4	1523.46	.7939	113.5
260	18.17	36.53	26.42	161.9	171.0	1522.79	.8285	129.7
280	17.94	36.50	26.45	158.6	168.3	1522.42	.8624	146.7
300	17.65	36.46	26.49	154.7	165.0	1521.86	.8958	164.2
340	16.91	36.33	26.57	147.1	158.5	1520.18	.9602	201.4
380	16.37	36.24	26.63	141.6	153.9	1519.10	1.0226	241.0
420	15.15	35.99	26.72	133.3	146.2	1515.71	1.0825	283.1
460	14.25	35.84	26.80	125.6	139.1	1513.32	1.1397	327.6
500	13.14	35.67	26.90	116.1	129.8	1510.14	1.1931	374.2
540	12.19	35.53	26.98	108.4	122.3	1507.43	1.2435	423.0
580	11.21	35.38	27.05	101.8	115.8	1504.51	1.2913	473.7
620	10.24	35.23	27.11	96.3	110.2	1501.54	1.3365	526.3
660	9.35	35.11	27.17	90.9	104.5	1498.80	1.3792	580.6
700	8.58	35.01	27.21	86.5	99.9	1496.46	1.4201	636.6
740	7.92	34.95	27.27	81.4	94.5	1494.54	1.4590	694.1
780	7.16	34.88	27.32	76.1	88.8	1492.18	1.4957	753.2
820	6.73	34.86	27.37	71.9	84.5	1491.13	1.5303	813.8
860	6.30	34.86	27.42	66.5	78.9	1490.08	1.5629	875.6
900	5.91	34.87	27.48	60.9	73.2	1489.19	1.5934	938.8
940	5.58	34.89	27.54	55.5	67.7	1488.55	1.6215	1003.1
980	5.25	34.91	27.60	50.2	62.3	1487.89	1.6477	1068.5
1020	5.01	34.93	27.64	46.0	58.1	1487.60	1.6717	1134.9
1100	4.70	34.95	27.69	41.2	53.4	1487.66	1.7165	1270.4
1200	4.47	34.96	27.73	38.0	50.7	1488.36	1.7683	1444.7
1300	4.35	34.97	27.75	36.0	49.4	1489.52	1.8181	1624.0
1400	4.28	34.98	27.76	34.5	48.7	1490.88	1.8672	1808.3
1500	4.24	34.98	27.77	34.1	49.1	1492.36	1.9161	1997.4
1600	4.21	34.99	27.78	33.0	48.9	1493.90	1.9653	2191.5
1700	4.23	34.98	27.77	34.0	50.9	1495.62	2.0148	2390.5

STD STATION NUMBER 59
 AUGUST 11, 1971 04.7 7
 LATITUDE 19 41
 LONGITUDE 78 24
 DEPTH TO BOTTOM 1756 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.42	36.21	22.85	501.6	501.6	1546.11	.0000	.0
20	29.19	36.20	22.92	494.9	495.7	1545.95	.0997	1.0
40	28.84	36.16	23.01	486.5	488.2	1545.50	.1981	4.0
60	27.08	36.08	23.53	437.1	439.7	1541.92	.2909	8.9
80	26.13	36.21	23.93	399.0	402.3	1540.21	.3751	15.5
100	25.18	36.42	24.38	355.8	359.9	1538.50	.4513	23.8
120	24.13	36.62	24.85	311.1	316.0	1536.47	.5189	33.5
140	23.09	36.75	25.25	272.6	278.1	1534.33	.5783	44.5
160	22.04	36.76	25.56	243.2	249.5	1531.99	.6311	56.6
180	21.24	36.74	25.77	223.4	230.3	1530.20	.6791	69.7
200	20.42	36.71	25.97	204.3	211.8	1528.30	.7233	83.7
220	19.48	36.63	26.16	186.4	194.5	1525.96	.7639	98.6
240	18.54	36.52	26.32	171.4	179.9	1523.53	.8014	114.2
260	17.98	36.47	26.42	161.7	170.8	1522.19	.8364	130.6
280	17.46	36.38	26.48	156.1	165.6	1520.90	.8701	147.7
300	17.47	36.43	26.51	152.7	162.9	1521.30	.9029	165.4
340	17.07	36.37	26.57	147.9	159.3	1520.70	.9673	202.8
380	16.17	36.16	26.62	143.0	155.2	1518.41	1.0304	242.7
420	15.41	36.06	26.71	133.8	146.8	1516.60	1.0910	285.2
460	14.67	35.93	26.78	127.7	141.4	1514.77	1.1486	330.0
500	13.35	35.70	26.88	117.9	131.8	1510.87	1.2033	377.0
540	12.72	35.60	26.93	113.2	127.6	1509.30	1.2550	426.2
580	11.69	35.44	27.01	105.9	120.4	1506.25	1.3047	477.4
620	10.90	35.33	27.07	100.1	114.7	1504.01	1.3518	530.5
660	10.20	35.24	27.12	94.9	109.6	1502.05	1.3966	585.5
700	9.42	35.14	27.18	89.8	104.3	1499.74	1.4395	642.2
740	8.85	35.01	27.23	84.6	98.5	1496.62	1.4801	700.6
780	7.45	34.93	27.32	76.3	89.4	1493.37	1.5179	760.6
820	6.76	34.89	27.39	70.1	82.7	1491.28	1.5523	822.0
860	6.04	34.88	27.47	61.8	73.8	1489.08	1.5841	884.7
900	5.60	34.90	27.55	55.0	66.8	1487.99	1.6121	948.7
940	5.29	34.91	27.59	50.7	62.3	1487.40	1.6378	1013.7
980	5.19	34.91	27.60	49.5	61.5	1487.65	1.6626	1079.7
1020	4.99	34.93	27.64	45.8	57.8	1487.51	1.6865	1146.7
1100	4.63	34.95	27.70	40.4	52.5	1487.37	1.7305	1283.4
1200	4.36	34.96	27.73	37.9	50.6	1488.32	1.7815	1459.0
1300	4.36	34.97	27.75	36.1	49.5	1489.56	1.8311	1639.6
1400	4.29	34.98	27.76	34.6	48.8	1490.93	1.8801	1825.2
1500	4.24	34.99	27.77	33.3	48.4	1492.38	1.9287	2015.6

STD STATION NUMBER 60
 AUGUST 11, 1971 15.9 7
 LATITUDE 19 10
 LONGITUDE 78 27
 DEPTH TO BOTTOM 5523 M

Z	T	S	SIGT	TANOM	SVA	SVEL	RYNHGT	TRANS
0	29.01	36.15	22.95	492.7	492.7	1545.20	.0000	.0
20	28.79	36.12	23.00	487.8	488.6	1545.03	.0981	1.0
40	28.07	36.07	23.20	468.6	470.3	1543.77	.1940	3.9
60	26.85	36.05	23.58	432.3	434.8	1541.38	.2845	8.7
80	26.05	36.13	23.89	402.4	405.7	1539.95	.3686	15.2
100	25.68	36.26	24.10	382.0	386.1	1539.53	.4477	23.4
120	24.97	36.52	24.52	342.5	347.4	1538.41	.5211	33.1
140	24.02	36.65	24.90	305.8	311.5	1536.55	.5870	44.2
160	23.08	36.75	25.26	272.3	278.7	1534.63	.6460	56.5
180	21.74	36.77	25.65	234.5	241.4	1531.54	.6980	69.9
200	20.70	36.73	25.91	210.1	217.6	1529.07	.7439	84.3
220	19.75	36.66	26.11	191.0	199.1	1526.74	.7856	99.6
240	19.07	36.60	26.24	178.5	187.2	1525.11	.8242	115.7
260	18.49	36.53	26.34	169.5	178.7	1523.71	.8608	132.6
280	17.97	36.47	26.42	161.5	171.2	1522.48	.8958	150.2
300	17.67	36.45	26.48	155.0	166.2	1521.90	.9295	168.4
340	16.86	36.32	26.58	146.7	158.0	1520.02	.9948	206.9
380	16.54	36.25	26.60	144.6	157.1	1519.63	1.0580	248.0
420	15.44	36.03	26.68	136.6	149.6	1516.66	1.1194	291.5
460	14.44	35.87	26.78	127.3	140.9	1513.97	1.1774	337.5
500	13.28	35.67	26.87	118.8	132.6	1510.61	1.2322	385.7
540	12.15	35.49	26.96	110.6	124.5	1507.24	1.2835	436.0
580	11.17	35.34	27.03	104.1	118.0	1504.32	1.3320	488.3
620	10.15	35.23	27.09	98.2	112.1	1501.93	1.3779	542.5
660	9.74	35.16	27.14	93.4	107.5	1500.29	1.4219	598.5
700	8.40	35.03	27.19	88.3	102.0	1497.31	1.4640	656.2
740	8.16	34.95	27.23	84.8	98.3	1495.45	1.5041	715.6
780	7.40	34.87	27.28	80.1	93.1	1493.09	1.5423	776.5
820	6.71	34.82	27.34	74.7	87.1	1490.99	1.5784	838.9
860	6.37	34.82	27.38	70.3	82.8	1490.30	1.6123	902.8
900	6.07	34.85	27.45	64.4	76.9	1489.80	1.6442	967.9
940	5.69	34.87	27.51	58.3	70.7	1488.96	1.6735	1034.3
980	5.41	34.90	27.57	52.8	65.2	1488.53	1.7007	1101.7
1020	5.10	34.92	27.62	47.8	60.0	1487.95	1.7257	1170.3
1100	4.75	34.95	27.69	41.7	54.1	1487.86	1.7712	1310.2
1200	4.53	34.96	27.72	38.6	51.5	1488.61	1.8240	1490.0
1300	4.41	34.97	27.74	36.6	50.2	1489.77	1.8749	1674.9
1400	4.34	34.98	27.76	35.1	49.5	1491.13	1.9248	1864.9
1500	4.27	34.98	27.76	34.4	49.5	1492.49	1.9741	2059.9
1600	4.25	35.00	27.78	32.7	48.8	1494.08	2.0237	2259.7
1700	4.22	35.00	27.78	32.4	49.3	1495.61	2.0731	2464.6
1800	4.20	34.99	27.78	32.9	50.7	1497.16	2.1230	2674.4
1900	4.17	35.00	27.79	31.9	50.4	1498.71	2.1735	2889.2
2000	4.17	35.00	27.79	31.9	51.4	1500.37	2.2244	3109.1

STD STATION NUMBER A60
 AUGUST 11, 1971 17.5 7
 LATITUDE 19 12
 LONGITUDE 78 29
 DEPTH TO BOTTOM 3072 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.29	36.15	22.85	501.7	501.7	1545.79	.0000	.0
20	28.92	36.12	22.95	491.9	492.8	1545.31	.0994	1.0
40	28.39	36.09	23.11	477.2	478.9	1544.48	.1966	4.0
60	27.38	36.05	23.41	448.5	451.0	1542.56	.2896	8.8
80	26.36	36.10	23.77	413.8	417.1	1540.63	.3764	15.5
100	25.20	36.19	24.01	390.6	394.7	1539.75	.4576	23.8
120	25.23	36.43	24.37	356.5	361.5	1538.95	.5332	33.7
140	23.93	36.64	24.92	304.0	309.6	1536.32	.6004	45.1
160	22.56	36.75	25.41	258.0	264.3	1533.32	.6577	57.6
180	21.53	36.76	25.70	229.6	236.6	1530.98	.7078	71.3
200	20.58	36.71	25.93	208.4	216.0	1528.73	.7531	85.9
220	19.85	36.66	26.08	193.5	201.6	1527.01	.7949	101.4
240	19.15	36.60	26.22	180.5	189.1	1525.33	.8339	117.7
260	18.56	36.53	26.32	171.2	180.4	1523.91	.8709	134.7
280	17.98	36.46	26.41	162.5	172.2	1522.50	.9061	152.5
300	17.54	36.40	26.47	156.5	166.7	1521.47	.9400	171.0
340	16.85	36.29	26.56	148.7	160.0	1519.96	1.0054	209.9
380	16.09	36.15	26.63	141.9	154.1	1518.15	1.0682	251.3
420	14.98	35.96	26.73	131.9	144.7	1515.14	1.1276	295.3
460	14.05	35.79	26.80	125.2	138.5	1512.62	1.1845	341.5
500	12.77	35.57	26.90	116.3	129.7	1508.79	1.2381	390.0
540	11.76	35.41	26.97	109.4	122.9	1505.81	1.2884	440.5
580	10.92	35.30	27.04	102.7	116.3	1503.39	1.3361	493.0
620	10.23	35.20	27.09	98.4	112.2	1501.46	1.3819	547.4
660	9.64	35.12	27.13	94.7	108.7	1499.87	1.4260	603.5
700	8.98	35.03	27.18	89.6	103.3	1497.61	1.4684	661.4
740	8.06	34.93	27.23	84.9	98.2	1495.05	1.5086	721.0
780	7.36	34.87	27.29	79.6	92.5	1492.94	1.5468	782.1
820	6.79	34.83	27.33	75.0	87.6	1491.32	1.5827	844.7
860	6.37	34.83	27.39	69.6	82.1	1490.32	1.6167	908.7
900	6.08	34.86	27.45	63.8	76.3	1489.86	1.6484	974.0
940	5.68	34.88	27.52	57.5	69.8	1488.94	1.6775	1040.5
980	5.42	34.89	27.56	53.7	66.0	1488.55	1.7045	1108.2
1020	5.13	34.91	27.61	48.9	61.1	1488.06	1.7299	1176.9
1100	4.72	34.94	27.68	42.1	54.4	1487.73	1.7757	1317.1
1200	4.53	34.96	27.72	38.6	51.5	1488.61	1.8284	1497.3
1300	4.40	34.97	27.74	36.5	50.1	1489.72	1.8790	1682.7
1400	4.33	34.98	27.76	35.0	49.4	1491.09	1.9290	1873.1
1500	4.27	34.98	27.76	34.4	49.5	1492.49	1.9784	2068.5

STD STATION NUMBER 61
 AUGUST 12, 1971 01.5 /
 LATITUDE 18 39
 LONGITUDE 78 24
 DEPTH TO BOTTOM 4655 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.60	35.97	22.95	492.5	492.5	1544.17	.0000	.0
20	27.90	36.12	23.29	459.6	460.5	1543.12	.0953	1.0
40	27.14	36.06	23.49	440.4	442.1	1541.71	.1856	3.8
60	26.49	36.10	23.60	429.9	432.4	1541.51	.2730	8.3
80	26.76	36.15	23.68	422.3	425.7	1541.59	.3588	14.7
100	26.58	36.23	23.80	411.1	415.3	1541.58	.4429	22.7
120	26.14	36.32	24.01	391.4	396.4	1540.97	.5241	32.4
140	25.14	36.52	24.47	347.4	353.2	1539.14	.5990	43.6
160	23.90	36.69	24.97	299.5	306.0	1536.62	.6650	56.2
180	22.79	36.78	25.36	262.1	269.3	1534.25	.7225	70.1
200	21.60	36.79	25.71	229.3	237.0	1531.51	.7731	85.1
220	20.40	36.76	25.99	202.5	210.8	1528.85	.8179	101.0
240	19.53	36.67	26.18	184.8	193.6	1526.46	.8583	117.7
260	18.77	36.58	26.33	170.2	179.5	1524.27	.8956	135.3
280	18.18	36.53	26.42	162.1	171.9	1523.14	.9308	153.5
300	17.80	36.49	26.48	156.0	166.4	1522.32	.9646	172.5
340	17.29	36.41	26.54	150.0	161.5	1521.39	1.0304	212.4
380	16.56	36.27	26.61	143.6	156.1	1519.71	1.0941	254.9
420	15.81	36.15	26.69	135.8	149.1	1517.94	1.1551	299.9
460	14.72	35.96	26.79	126.5	140.3	1514.96	1.2132	347.2
500	13.60	35.78	26.89	117.0	131.1	1511.79	1.2674	396.9
540	12.22	35.57	27.01	106.0	120.0	1507.58	1.3175	448.6
580	11.34	35.43	27.07	100.4	114.5	1505.02	1.3643	502.2
620	10.61	35.33	27.12	95.2	109.4	1502.98	1.4091	557.7
660	9.93	35.24	27.17	90.5	104.9	1501.08	1.4518	614.9
700	8.96	35.10	27.22	85.6	99.5	1498.00	1.4927	673.8
740	7.93	34.95	27.27	81.5	94.7	1494.58	1.5316	734.3
780	7.22	34.88	27.31	76.9	89.6	1492.41	1.5684	796.3
820	6.84	34.87	27.36	72.6	85.4	1491.57	1.6035	859.8
860	6.31	34.84	27.41	68.1	80.5	1490.09	1.6367	924.6
900	6.01	34.87	27.47	62.2	74.6	1489.59	1.6678	990.7
940	5.59	34.88	27.53	56.4	68.6	1488.57	1.6964	1057.9
980	5.33	34.90	27.58	51.9	64.1	1488.20	1.7229	1126.3
1020	5.11	34.92	27.62	47.9	60.1	1487.99	1.7478	1195.8
1100	4.89	34.94	27.66	44.0	56.6	1488.42	1.7944	1337.5
1200	4.69	34.95	27.69	41.0	54.3	1489.25	1.8499	1519.7
1300	4.51	34.96	27.72	38.4	52.2	1490.16	1.9029	1707.4
1400	4.39	34.97	27.74	36.4	50.9	1491.32	1.9541	1900.2
1500	4.32	34.98	27.76	34.9	50.2	1492.69	2.0046	2098.2

STD STATION NUMBER 62
 AUGUST 12, 1971 08.9 Z
 LATITUDE 18 21
 LONGITUDE 78 34
 DEPTH TO BOTTOM 2210 M

Z	T	S	SIGT	TANOM	SVA	SVEL	RYNHGT	TRANS
0	27.68	36.03	23.29	459.3	459.3	1542.23	.0000	.0
20	27.64	36.03	23.31	458.0	458.9	1542.47	.0918	.9
40	27.26	36.07	23.46	443.4	445.1	1541.99	.1822	3.7
60	27.04	36.14	23.58	431.6	434.1	1541.89	.2701	8.2
80	26.78	36.22	23.73	417.9	421.3	1541.70	.3557	14.4
100	26.54	36.25	23.83	408.5	412.7	1541.50	.4391	22.4
120	26.08	36.33	24.03	388.9	393.9	1540.84	.5197	32.0
140	25.55	36.50	24.33	360.0	366.7	1540.09	.5958	43.1
160	24.71	36.56	24.63	332.1	338.6	1538.47	.6663	55.7
180	23.95	36.65	24.92	303.8	311.1	1537.03	.7313	69.7
200	22.45	36.77	25.45	253.6	261.4	1533.70	.7885	84.9
220	21.62	36.78	25.70	230.5	239.1	1531.88	.8386	101.2
240	20.75	36.73	25.90	211.4	220.5	1529.85	.8845	118.4
260	19.66	36.65	26.13	189.5	199.0	1527.12	.9265	136.5
280	18.92	36.58	26.27	176.3	186.3	1525.31	.9650	155.4
300	18.27	36.52	26.39	165.0	175.5	1523.72	1.0012	175.1
340	17.47	36.41	26.50	154.2	165.7	1521.92	1.0604	216.5
380	16.24	36.18	26.62	143.1	155.3	1518.64	1.1335	260.6
420	15.22	36.02	26.73	132.6	145.6	1515.96	1.1933	307.1
460	14.07	35.82	26.82	123.4	136.8	1512.72	1.2500	356.0
500	13.36	35.73	26.90	115.9	129.9	1510.94	1.3034	407.1
540	12.43	35.57	26.97	109.9	124.1	1508.29	1.3544	460.3
580	11.34	35.41	27.05	101.9	116.0	1505.00	1.4022	515.4
620	10.04	35.20	27.12	95.3	108.9	1500.78	1.4473	572.4
660	9.17	35.07	27.16	91.0	104.4	1498.09	1.4898	631.1
700	8.44	35.00	27.23	85.2	98.4	1495.93	1.5304	691.6
740	7.91	34.94	27.26	82.0	95.1	1494.49	1.5693	753.5
780	7.39	34.89	27.30	78.5	91.5	1493.08	1.6066	817.1
820	6.93	34.87	27.35	73.8	86.7	1491.92	1.6421	882.0
860	6.37	34.84	27.40	68.8	81.4	1490.33	1.6761	948.4
900	5.96	34.85	27.46	63.0	75.4	1489.36	1.7075	1016.1
940	5.63	34.87	27.52	57.6	69.9	1488.72	1.7366	1085.0
980	5.35	34.89	27.57	52.9	65.1	1488.27	1.7635	1155.0
1020	5.22	34.91	27.60	49.9	62.3	1488.42	1.7889	1226.0
1100	4.95	34.93	27.65	45.4	58.2	1488.65	1.8373	1371.1
1200	4.68	34.95	27.69	40.9	54.2	1489.21	1.8938	1557.7
1300	4.54	34.96	27.72	38.7	52.6	1490.29	1.9471	1749.8
1400	4.39	34.97	27.74	36.4	50.9	1491.32	1.9990	1947.1
1500	4.33	34.99	27.76	34.3	49.6	1492.75	2.0496	2149.5
1600	4.29	34.99	27.77	33.9	50.0	1494.23	2.1000	2357.0
1700	4.21	34.99	27.78	33.0	49.9	1495.55	2.1498	2569.5
1800	4.19	34.99	27.78	32.8	50.5	1497.12	2.1998	2787.0
1900	4.16	35.00	27.79	31.3	50.3	1498.67	2.2498	3009.4
2000	4.13	35.00	27.79	31.5	50.8	1500.20	2.3003	3236.9

STD STATION NUMBER 63
 AUGUST 12, 1971 17.2 Z
 LATITUDE 18 10
 LONGITUDE 78 39
 DEPTH TO BOTTOM 2250 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.12	36.23	22.97	490.4	490.4	1545.50	.0000	.0
20	28.55	36.16	23.11	477.3	478.1	1544.56	.0969	1.0
40	27.84	36.02	23.23	465.0	466.6	1543.22	.1913	3.9
60	27.59	36.13	23.40	449.3	451.8	1543.10	.2832	8.6
80	27.20	36.15	23.54	435.8	439.2	1542.58	.3723	15.2
100	26.71	36.23	23.76	415.1	419.2	1541.87	.4581	23.5
120	26.44	36.26	23.87	404.7	409.7	1541.61	.5410	33.4
140	25.94	36.34	24.08	384.0	389.8	1540.85	.6210	45.1
160	25.17	36.45	24.40	353.3	359.9	1539.47	.6959	58.2
180	24.33	36.59	24.77	319.0	326.3	1537.90	.7646	72.8
200	23.31	36.72	25.17	280.8	288.8	1535.83	.8261	88.7
220	22.14	36.78	25.55	244.5	253.0	1533.23	.8802	105.8
240	21.11	36.75	25.81	219.3	228.4	1530.83	.9284	123.9
260	19.76	36.65	26.10	192.0	201.5	1527.40	.9714	142.9
280	18.92	36.57	26.26	177.0	187.0	1525.30	1.0103	162.7
300	18.42	36.51	26.34	169.3	179.8	1524.14	1.0469	183.3
340	17.32	36.36	26.50	154.3	165.8	1521.43	1.1163	226.6
380	16.39	36.20	26.60	144.9	157.3	1519.12	1.1806	272.5
420	15.33	36.04	26.72	133.5	146.5	1516.33	1.2413	321.0
460	14.38	35.89	26.81	124.6	138.2	1513.79	1.2982	371.7
500	13.24	35.65	26.97	119.5	133.2	1510.45	1.3526	424.8
540	12.25	35.51	26.95	111.0	125.0	1507.61	1.4041	479.9
580	11.75	35.45	27.00	106.2	120.8	1506.47	1.4528	537.1
620	10.97	35.35	27.07	99.8	114.5	1504.27	1.5000	596.1
660	9.83	35.17	27.13	94.1	108.3	1500.62	1.5446	657.0
700	8.96	35.05	27.18	89.3	103.2	1497.93	1.5868	719.6
740	8.20	34.95	27.22	85.4	98.9	1495.60	1.6271	783.9
780	7.46	34.88	27.28	80.2	93.3	1493.34	1.6655	849.8
820	6.95	34.85	27.33	75.6	88.5	1491.97	1.7020	917.1
860	6.36	34.83	27.39	69.5	82.0	1490.27	1.7362	985.9
900	6.07	34.83	27.43	65.9	78.4	1489.77	1.7682	1056.0
940	5.73	34.85	27.49	60.3	72.7	1489.09	1.7984	1127.3
980	5.43	34.89	27.56	53.8	66.2	1488.59	1.8261	1199.8
1020	5.32	34.89	27.57	52.5	65.2	1488.80	1.8524	1273.4
1100	4.94	34.93	27.65	45.3	58.0	1488.61	1.9013	1423.6
1200	4.64	34.95	27.70	40.5	53.7	1489.05	1.9571	1616.5
1300	4.49	34.96	27.72	38.2	52.0	1490.08	2.0098	1814.9
1400	4.41	34.96	27.73	37.3	51.9	1491.39	2.0614	2018.5
1500	4.34	34.97	27.75	35.9	51.2	1492.76	2.1127	2227.2
1600	4.29	34.97	27.75	35.3	51.5	1494.20	2.1640	2441.0
1700	4.25	34.98	27.77	34.2	51.2	1495.70	2.2149	2659.9
1800	4.18	34.99	27.78	32.7	50.4	1497.08	2.2655	2884.0
1900	4.14	34.99	27.78	32.3	50.7	1498.57	2.3158	3113.0
2000	4.13	35.00	27.79	31.5	50.8	1500.20	2.3662	3347.1

STD STATION NUMBER A63
 AUGUST 12, 1971 20.7 Z
 LATITUDE 18 10
 LONGITUDE 78 39
 DEPTH TO BOTTOM 2250 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.20	36.24	22.95	492.3	492.3	1545.68	.0000	.0
20	28.56	36.24	23.16	471.8	472.7	1544.65	.0965	1.0
40	28.18	36.20	23.26	462.7	464.4	1544.12	.1902	3.8
60	27.53	36.17	23.45	444.5	447.1	1543.00	.2814	8.5
80	27.25	36.15	23.52	437.3	440.7	1542.69	.3701	15.1
100	26.91	36.18	23.66	424.7	428.9	1542.28	.4571	23.3
120	26.62	36.25	23.80	410.9	415.9	1542.01	.5416	33.3
140	26.02	36.25	23.99	392.8	398.6	1540.96	.6230	45.0
160	25.23	36.45	24.39	355.1	361.7	1539.61	.6991	58.2
180	24.36	36.58	24.75	320.5	327.9	1537.97	.7680	72.9
200	23.30	36.73	25.18	279.8	287.8	1535.81	.8296	88.8
220	22.24	36.81	25.54	245.0	253.6	1533.51	.8837	106.0
240	21.30	36.78	25.78	222.1	231.5	1531.36	.9322	124.1
260	19.89	36.69	26.10	192.3	201.9	1527.79	.9755	143.2
280	18.83	36.58	26.29	174.1	184.1	1525.05	1.0141	163.1
300	18.31	36.53	26.38	165.2	175.7	1523.84	1.0501	183.7
340	17.35	36.39	26.51	152.8	164.4	1521.55	1.1182	227.1
380	16.28	36.21	26.63	141.8	154.0	1518.79	1.1817	273.1
420	15.28	36.06	26.74	131.0	144.0	1516.19	1.2413	321.6
460	14.16	35.83	26.81	124.5	137.9	1513.02	1.2979	372.4
500	12.92	35.59	26.88	117.7	131.2	1509.32	1.3517	425.4
540	11.71	35.42	26.99	107.7	121.2	1505.65	1.4023	480.5
580	11.28	35.42	27.07	100.1	114.2	1504.80	1.4493	537.5
620	10.51	35.28	27.10	97.2	111.3	1502.56	1.4944	596.4
660	9.56	35.12	27.14	93.5	107.3	1499.58	1.5380	657.1
700	8.82	35.02	27.18	89.4	103.1	1497.37	1.5799	719.4
740	8.14	34.94	27.23	85.3	98.7	1495.36	1.6203	783.4
780	7.37	34.86	27.28	80.4	93.4	1492.96	1.6588	849.0
820	6.80	34.82	27.33	75.8	88.5	1491.34	1.6953	916.1
860	6.43	34.82	27.38	71.1	83.7	1490.54	1.7298	984.6
900	5.98	34.83	27.44	64.8	77.1	1489.42	1.7618	1054.4
940	5.65	34.87	27.52	57.8	70.1	1488.80	1.7913	1125.5
980	5.44	34.88	27.55	54.6	67.0	1488.62	1.8189	1197.7
1020	5.26	34.90	27.59	51.1	63.6	1488.57	1.8451	1271.0
1100	4.94	34.92	27.64	46.0	58.8	1488.60	1.8941	1420.6
1200	4.64	34.94	27.69	41.3	54.4	1489.03	1.9498	1612.8
1300	4.47	34.96	27.73	38.0	51.7	1490.00	2.0029	1810.5
1400	4.38	34.97	27.74	36.3	50.8	1491.28	2.0544	2013.3
1500	4.34	34.97	27.75	35.9	51.2	1492.76	2.1052	2221.3

STD STATION NUMBER 64
 AUGUST 12, 1971 23.7 7
 LATITUDE 17 56
 LONGITUDE 78 45
 DEPTH TO BOTTOM 970 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	29.20	36.23	22.94	493.0	493.0	1545.67	.0000	.0
20	28.62	36.23	23.14	474.4	475.3	1544.77	.0968	1.0
40	27.80	36.13	23.33	455.7	457.3	1543.24	.1901	3.8
60	27.27	36.06	23.45	444.4	446.9	1542.33	.2805	8.5
80	27.22	36.07	23.47	442.2	445.5	1542.55	.3698	15.0
100	26.86	35.14	23.64	426.1	430.3	1542.13	.4573	23.3
120	26.52	36.24	23.83	408.6	413.6	1541.77	.5417	33.3
140	26.19	36.33	24.00	392.2	398.0	1541.42	.6229	45.0
160	25.91	36.42	24.15	377.3	384.0	1541.18	.7011	58.2
180	25.34	36.52	24.41	353.3	360.7	1540.26	.7756	73.0
200	24.08	36.71	24.93	303.2	311.3	1537.72	.8428	89.1
220	22.46	36.82	25.49	250.2	258.9	1534.09	.8998	106.6
240	21.14	36.74	25.80	220.8	230.0	1530.90	.9487	125.1
260	19.75	36.63	26.09	193.2	202.7	1527.35	.9919	144.5
280	19.03	36.59	26.25	178.2	188.3	1525.63	1.0310	164.7
300	18.37	36.54	26.38	165.9	176.5	1524.02	1.0675	185.7
340	17.33	36.40	26.53	151.7	163.2	1521.50	1.1357	229.8
380	16.41	36.21	26.60	144.6	157.0	1519.19	1.1997	276.5
420	15.43	36.02	26.68	137.1	150.1	1516.62	1.2608	325.7
460	13.92	35.73	26.79	127.0	140.2	1512.13	1.3185	377.3
500	12.61	35.51	26.88	117.7	130.9	1508.18	1.3727	431.1
540	11.73	35.38	26.95	111.0	124.5	1505.67	1.4237	487.0
580	10.73	35.23	27.02	104.6	118.0	1502.63	1.4720	545.0
620	9.85	35.11	27.08	98.8	112.2	1499.98	1.5180	604.8
660	9.12	35.02	27.13	94.0	107.2	1497.84	1.5620	666.4
700	8.41	34.94	27.18	89.2	102.3	1495.73	1.6040	729.7
740	7.52	34.85	27.25	83.2	95.7	1492.88	1.6436	794.7
780	7.03	34.81	27.29	79.6	92.0	1491.58	1.6811	861.2
820	6.51	34.82	27.36	72.1	84.3	1490.20	1.7162	929.1
860	6.21	34.82	27.40	68.3	80.6	1489.67	1.7492	998.4
900	5.82	34.84	27.47	62.1	74.2	1488.79	1.7801	1069.0
940	5.64	34.87	27.52	57.7	70.0	1488.76	1.8087	1140.8

STD STATION NUMBER 65
 AUGUST 13, 1971 05.3 Z
 LATITUDE 17 43
 LONGITUDE 79 01
 DEPTH TO BOTTOM 951 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.26	35.84	22.96	491.1	491.1	1543.32	.0000	.0
20	27.88	35.86	23.10	477.7	478.5	1542.84	.0970	1.0
40	27.53	35.96	23.29	459.6	461.3	1542.49	.1909	3.8
60	27.39	35.03	23.39	450.3	452.8	1542.57	.2824	8.6
80	27.29	36.04	23.43	446.5	449.8	1542.68	.3726	15.1
100	27.25	36.05	23.45	444.5	448.7	1542.92	.4625	23.5
120	27.16	36.09	23.51	438.9	443.9	1543.08	.5517	33.6
140	27.07	36.14	23.57	432.5	438.4	1543.25	.6400	45.5
160	26.75	36.19	23.71	419.2	425.8	1542.90	.7264	59.2
180	26.00	36.33	24.06	386.5	393.9	1541.63	.8084	74.6
200	24.94	36.44	24.47	347.4	355.5	1539.56	.8833	91.5
220	22.92	36.70	25.26	271.5	280.2	1535.15	.9469	109.8
240	21.28	36.70	25.73	227.4	236.5	1531.23	.9986	129.2
260	19.84	36.63	26.06	195.4	205.0	1527.60	1.0427	149.6
280	18.30	36.52	26.25	177.7	187.7	1524.91	1.0820	170.9
300	18.18	36.47	26.37	166.5	176.9	1523.41	1.1184	192.9
340	17.14	36.33	26.52	152.4	163.8	1520.86	1.1860	239.0
380	16.18	36.15	26.61	143.9	156.1	1518.43	1.2500	287.7
420	15.19	35.96	26.69	136.4	149.3	1515.80	1.3109	338.9
460	13.90	35.73	26.81	124.6	137.7	1511.74	1.3683	392.5
500	13.16	35.67	26.90	116.4	130.2	1510.21	1.4218	448.3
540	12.16	35.53	26.99	107.8	121.8	1507.32	1.4721	506.2
580	11.20	35.38	27.05	101.6	115.6	1504.47	1.5197	566.1
620	10.46	35.27	27.10	97.1	111.2	1502.37	1.5648	627.8
660	9.05	35.01	27.14	93.6	106.8	1497.56	1.6083	691.2
700	8.38	34.95	27.20	88.0	101.1	1495.63	1.6496	756.4
740	7.71	34.88	27.24	83.6	96.4	1493.65	1.6891	823.2
780	7.24	34.85	27.29	79.4	92.1	1492.44	1.7269	891.5
820	6.62	34.82	27.35	73.5	85.8	1490.64	1.7626	961.3
860	6.32	34.82	27.39	69.7	82.1	1490.10	1.7962	1032.5
900	6.10	34.84	27.43	65.5	78.1	1489.91	1.8283	1105.0
940	5.64	34.87	27.52	57.7	70.0	1488.76	1.8579	1178.7

STD STATION NUMBER 66
 AUGUST 13, 1971 15.1 Z
 LATITUDE 17 27
 LONGITUDE 79 19
 DEPTH TO BOTTOM 1189 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.18	35.99	23.10	477.8	477.8	1543.29	.0000	.0
20	27.94	35.90	23.18	470.2	471.1	1543.09	.0949	.9
40	27.88	36.00	23.27	461.2	462.9	1543.37	.1883	3.8
60	27.84	36.11	23.30	458.5	461.0	1543.63	.2807	8.5
80	27.86	36.17	23.34	454.8	458.2	1544.05	.3726	15.0
100	27.76	36.15	23.36	453.1	457.4	1544.14	.4642	23.4
120	27.22	36.04	23.49	440.7	445.8	1543.22	.5545	33.6
140	26.64	36.18	23.74	416.5	422.4	1542.32	.6413	45.5
160	25.78	36.33	24.13	379.9	386.6	1540.80	.7222	59.1
180	24.15	36.62	24.84	311.7	319.0	1537.49	.7927	74.3
200	23.11	36.83	25.31	267.3	275.3	1535.42	.8521	90.7
220	22.13	36.85	25.60	239.1	247.7	1533.26	.9045	108.3
240	20.05	36.62	26.00	201.4	210.3	1527.85	.9503	126.9
260	18.86	36.51	26.23	179.9	189.2	1524.75	.9902	146.3
280	18.36	36.46	26.32	171.5	181.3	1523.59	1.0273	166.4
300	17.84	36.39	26.39	164.2	174.6	1522.34	1.0629	187.3
340	17.05	36.26	26.49	155.4	166.8	1520.52	1.1311	231.2
380	16.10	36.10	26.59	145.8	158.0	1518.13	1.1958	277.8
420	15.13	35.96	26.70	135.1	147.9	1515.61	1.2571	326.8
460	13.56	35.69	26.83	122.8	135.7	1510.91	1.3139	378.3
500	12.25	35.46	26.92	114.6	127.6	1506.90	1.3667	431.9
540	10.90	35.25	27.01	106.0	118.7	1502.61	1.4161	487.6
580	10.08	35.15	27.07	99.6	112.4	1500.21	1.4623	545.1
620	9.52	35.08	27.11	95.8	108.7	1498.74	1.5068	604.5
660	8.90	35.00	27.15	92.1	105.1	1497.00	1.5496	665.6
700	8.29	34.94	27.20	87.5	100.4	1495.28	1.5908	728.5
740	7.75	34.88	27.24	84.2	97.0	1493.80	1.6304	792.9
780	7.27	34.84	27.28	80.6	93.3	1492.55	1.6685	858.9
820	6.71	34.81	27.33	75.4	87.9	1490.98	1.7048	926.3
860	6.31	34.81	27.38	70.3	82.7	1490.05	1.7390	995.2
900	5.97	34.83	27.44	64.7	77.0	1489.38	1.7709	1065.4
940	5.84	34.85	27.48	61.6	74.2	1489.53	1.8010	1136.9
980	5.50	34.88	27.54	55.3	67.9	1488.86	1.8295	1209.5
1020	5.28	34.89	27.58	52.1	64.6	1488.64	1.8560	1283.2
1100	4.99	34.92	27.63	46.6	59.4	1488.80	1.9047	1433.6

STD STATION NUMBER 67
 AUGUST 13, 1971 18.5 7
 LATITUDE 17 10
 LONGITUDE 79 32
 DEPTH TO BOTTOM 1410 M

Z	T	S	SIGT	TANOM	SVA	SVEI	SYNHGT	TRANS
0	27.74	36.07	23.31	458.2	458.2	1542.40	.0000	.0
20	27.63	36.08	23.35	454.1	455.0	1542.49	.0913	.9
40	27.58	36.11	23.39	450.4	452.1	1542.73	.1820	3.6
60	27.50	36.11	23.41	447.9	450.5	1542.88	.2723	8.2
80	27.44	36.16	23.60	430.2	433.5	1542.23	.3607	14.5
100	26.66	36.23	23.77	413.5	417.7	1541.76	.4458	22.6
120	26.55	36.29	23.85	405.9	410.9	1541.89	.5287	32.3
140	26.18	36.34	24.01	391.2	397.0	1541.41	.6095	43.7
160	25.34	36.49	24.38	355.4	362.0	1539.91	.6854	56.7
180	23.39	36.74	25.16	281.6	288.8	1535.72	.7504	71.0
200	21.82	36.75	25.62	238.0	245.8	1532.05	.8039	86.6
220	20.15	36.67	26.01	200.4	208.5	1527.85	.8493	103.1
240	19.58	36.57	26.09	193.3	202.0	1526.51	.8904	120.5
260	17.88	36.36	26.36	167.4	176.3	1521.79	.9282	138.7
280	16.58	36.17	26.53	151.4	160.5	1518.06	.9619	157.6
300	16.19	36.12	26.58	146.3	156.0	1517.14	.9936	177.1
340	15.71	36.05	26.64	140.9	151.7	1516.23	1.0551	218.1
380	15.11	35.93	26.68	136.9	148.5	1514.87	1.1154	261.5
420	13.52	35.67	26.82	123.5	135.3	1510.11	1.1722	307.3
460	12.63	35.52	26.89	117.3	129.5	1507.62	1.2255	355.2
500	11.92	35.43	26.96	110.8	123.5	1505.74	1.2758	405.3
540	11.29	35.33	27.00	106.9	120.0	1504.08	1.3245	457.3
580	10.21	35.17	27.07	100.3	113.2	1500.71	1.3713	511.2
620	9.66	35.10	27.11	96.5	109.6	1499.27	1.4158	567.0
660	9.28	35.05	27.13	94.2	107.7	1498.47	1.4592	624.5
700	8.52	34.94	27.17	90.8	104.1	1496.15	1.5017	683.7
740	8.08	34.92	27.22	85.9	99.2	1495.11	1.5419	744.6
780	7.74	34.88	27.24	84.1	97.6	1494.41	1.5814	807.0
820	7.17	34.84	27.29	79.2	92.5	1492.81	1.6196	871.1
860	6.51	34.81	27.36	72.9	85.6	1490.84	1.6554	936.6
900	5.99	34.81	27.42	66.4	78.7	1489.43	1.6883	1003.4
940	5.91	34.83	27.45	63.9	76.7	1489.79	1.7192	1071.6
980	5.78	34.84	27.48	61.6	74.7	1489.93	1.7495	1141.0
1020	5.49	34.88	27.54	55.2	68.2	1489.47	1.7779	1211.5
1100	4.79	34.92	27.63	46.6	59.4	1488.80	1.9047	1433.6

STD STATION NUMBER 68
 AUGUST 14, 1971 02.2 /
 LATITUDE 17 03
 LONGITUDE 79 49
 DEPTH TO BOTTOM 1061 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.69	36.09	23.34	455.3	455.3	1542.31	.0000	.0
20	27.58	36.08	23.36	452.6	453.4	1542.38	.0909	.9
40	27.47	36.08	23.40	449.1	450.8	1542.46	.1813	3.6
60	27.19	36.15	23.54	435.5	438.0	1542.23	.2702	8.1
80	26.96	36.20	23.66	424.8	428.2	1542.08	.3568	14.4
100	26.75	36.25	23.77	414.2	418.4	1541.93	.4415	22.4
120	26.59	36.33	23.93	398.2	403.2	1541.56	.5236	32.0
140	26.47	36.42	24.10	382.1	387.9	1541.22	.6027	43.3
160	25.17	36.59	24.51	343.3	349.9	1539.59	.6765	56.1
180	23.71	36.73	25.06	291.3	298.5	1536.51	.7414	70.3
200	22.20	36.75	25.51	248.2	256.1	1533.04	.7968	85.7
220	19.97	36.60	26.03	198.4	206.5	1527.01	.8431	102.1
240	18.61	36.47	26.26	176.8	185.3	1523.68	.8822	119.3
260	17.58	36.34	26.42	161.8	170.7	1520.89	.9178	137.3
280	17.52	36.28	26.46	157.9	167.3	1520.09	.9516	156.0
300	16.39	36.15	26.56	148.6	158.3	1517.78	.9842	175.4
340	15.72	36.05	26.64	141.2	151.9	1516.26	1.0458	216.0
380	14.93	35.91	26.71	134.5	146.1	1514.28	1.1054	259.0
420	14.00	35.76	26.79	126.4	138.5	1511.78	1.1624	304.4
460	13.22	35.61	26.84	122.0	134.7	1509.69	1.2175	352.0
500	12.10	35.44	26.93	113.3	126.2	1506.37	1.2697	401.7
540	11.08	35.27	26.99	107.6	120.5	1503.27	1.3194	453.5
580	10.11	35.15	27.07	100.1	112.9	1500.32	1.3661	507.2
620	9.53	35.07	27.11	96.7	109.6	1498.76	1.4107	562.8
660	8.74	34.98	27.16	91.1	103.9	1496.38	1.4531	620.0
700	7.86	34.88	27.22	85.7	98.1	1493.57	1.4937	679.0
740	7.52	34.86	27.26	82.5	95.0	1492.89	1.5321	739.5
780	7.24	34.84	27.28	80.2	92.9	1492.43	1.5696	801.5
820	6.89	34.82	27.31	77.0	89.8	1491.70	1.6061	865.1
860	6.60	34.81	27.34	74.0	86.9	1491.19	1.6417	930.0
900	6.21	34.83	27.41	67.6	80.4	1490.33	1.6751	996.4
940	6.00	34.84	27.45	64.3	77.2	1490.16	1.7067	1064.0
980	5.55	34.88	27.54	55.9	68.5	1489.06	1.7357	1132.9
1020	4.85	34.94	27.67	43.5	55.2	1486.95	1.7603	1202.8
1100	4.99	34.92	27.63	46.6	59.4	1488.80	1.9047	1433.6

0

STD STATION NUMBER A68
 AUGUST 14, 1971 05.7 Z
 LATITUDE 17 03
 LONGITUDE 79 49
 DEPTH TO BOTTOM 1061 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	27.54	36.06	23.36	452.7	452.8	1541.95	.0000	.0
20	27.51	36.08	23.39	450.4	451.2	1542.23	.0904	.9
40	27.41	36.13	23.46	443.7	445.4	1542.38	.1801	3.6
60	27.27	36.15	23.52	437.9	440.5	1542.41	.2686	8.1
80	26.93	36.21	23.67	423.2	426.6	1542.03	.3554	14.3
100	26.49	36.31	23.89	402.6	406.8	1541.44	.4387	22.3
120	26.18	36.39	24.05	387.6	392.6	1541.13	.5186	31.8
140	25.75	36.53	24.29	364.7	370.5	1540.58	.5949	43.0
160	25.27	36.58	24.47	346.9	353.5	1539.82	.6673	55.6
180	24.00	36.69	24.94	302.4	309.7	1537.19	.7336	69.6
200	23.33	36.77	25.20	277.8	285.8	1535.92	.7932	84.9
220	21.57	36.72	25.66	233.6	242.0	1531.69	.8460	101.3
240	19.78	36.58	26.04	197.5	206.4	1527.07	.8908	118.6
260	18.67	36.48	26.25	177.5	186.7	1524.18	.9301	136.9
280	17.69	36.33	26.38	165.1	174.7	1521.52	.9663	155.8
300	17.05	36.25	26.48	156.1	166.2	1519.87	1.0003	175.5
340	15.59	36.02	26.64	140.5	151.2	1515.83	1.0636	216.8
380	14.73	35.86	26.71	134.0	145.4	1513.60	1.1232	260.5
420	13.93	35.74	26.79	126.5	138.5	1511.53	1.1800	306.6
460	13.02	35.57	26.85	121.1	133.6	1508.98	1.2348	354.9
500	12.56	35.50	26.89	117.5	130.7	1508.00	1.2873	405.3
540	11.59	35.35	26.96	110.7	124.1	1505.15	1.3383	457.9
580	10.36	35.16	27.03	103.5	116.5	1501.23	1.3865	512.4
620	9.17	34.99	27.10	97.0	109.5	1497.34	1.4318	568.7
660	7.74	34.87	27.23	84.8	96.3	1492.46	1.4726	626.8
700	7.61	34.87	27.25	83.0	95.0	1492.60	1.5107	686.5
740	7.42	34.85	27.26	81.9	94.2	1492.49	1.5486	747.7
780	7.14	34.82	27.28	80.3	92.9	1492.02	1.5859	810.4
820	6.74	34.81	27.33	75.8	88.3	1491.09	1.6220	874.5
860	6.50	34.82	27.37	72.0	84.7	1490.81	1.6564	940.1
900	6.15	34.82	27.41	67.6	80.3	1490.08	1.6897	1007.0
940	5.87	34.84	27.46	62.7	75.4	1489.64	1.7206	1075.2
980	5.15	34.89	27.59	50.6	62.4	1487.46	1.7485	1144.6
1020	4.85	34.94	27.67	43.5	55.2	1486.95	1.7718	1215.1

STD STATION NUMBER 69
 AUGUST 14, 1971 09.77
 LATITUDE 16 52
 LONGITUDE 79 57
 DEPTH TO BOTTOM 900 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.55	36.08	23.37	451.6	451.6	1541.99	.0000	.0
20	27.55	36.08	23.37	451.6	452.5	1542.32	.0904	.9
40	27.53	36.08	23.38	451.0	452.7	1542.60	.1809	3.6
60	27.16	36.14	23.55	435.3	437.8	1542.15	.2700	8.1
80	26.79	36.24	23.74	416.8	420.1	1541.74	.3558	14.4
100	26.20	36.38	24.03	388.0	393.1	1540.84	.4371	22.3
120	25.89	36.57	24.43	351.2	356.1	1539.45	.5120	31.8
140	24.87	36.65	24.65	330.2	336.0	1538.61	.5812	42.7
160	24.24	36.70	24.88	308.5	315.0	1537.46	.6463	55.0
180	24.07	36.72	24.94	302.2	309.5	1537.38	.7088	68.6
200	22.61	36.64	25.31	267.3	275.2	1533.99	.7672	83.3
220	20.36	36.65	25.94	207.1	215.4	1528.40	.8163	99.2
240	19.03	36.50	26.18	184.8	193.4	1524.90	.8572	115.9
260	18.34	36.42	26.29	173.9	183.0	1523.18	.8948	133.4
280	17.54	36.32	26.41	162.3	171.9	1521.07	.9303	151.7
300	16.79	36.21	26.51	153.2	163.1	1519.05	.9638	170.6
340	15.40	35.99	26.66	138.7	149.2	1515.21	1.0258	210.4
380	13.94	35.74	26.79	126.7	137.6	1510.92	1.0838	252.6
420	12.84	35.53	26.85	120.6	131.9	1507.69	1.1378	297.1
460	11.88	35.42	26.94	112.6	124.3	1505.29	1.1884	343.6
500	11.08	35.25	26.97	109.1	121.0	1502.61	1.2376	392.1
540	10.81	35.24	27.02	105.2	117.8	1502.29	1.2852	442.6
580	10.19	35.16	27.06	100.7	113.6	1500.62	1.3317	494.9
620	9.78	35.09	27.08	99.2	112.4	1499.70	1.3769	549.1
660	9.37	35.02	27.09	97.9	111.4	1498.76	1.4215	605.0
700	8.13	34.92	27.21	86.6	99.3	1494.65	1.4630	662.8
740	7.26	34.83	27.27	81.2	93.3	1491.85	1.5018	722.1
780	6.96	34.83	27.31	77.2	89.5	1491.33	1.5382	782.9
820	5.95	34.84	27.45	63.7	74.9	1488.01	1.5707	845.1
860	6.50	34.82	27.37	72.0	84.7	1490.82	1.6010	908.5

STD STATION NUMBER 70
 AUGUST 14, 1971 19.7 Z
 LATITUDE 16 46
 LONGITUDE 80 09
 DEPTH TO BOTTOM 708 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.66	36.14	23.38	450.7	450.7	1542.29	.0000	.0
20	27.41	36.10	23.44	445.0	446.7	1542.03	.0897	.9
40	27.36	36.11	23.46	443.6	445.3	1542.25	.1789	3.6
60	27.10	36.16	23.58	432.0	434.5	1542.04	.2669	8.0
80	26.82	36.25	23.74	417.0	420.3	1541.81	.3524	14.2
100	26.72	36.27	23.78	412.5	416.7	1541.93	.4361	22.1
120	26.56	36.30	23.86	405.5	410.5	1541.92	.5188	31.7
140	26.20	36.39	24.04	388.2	394.0	1541.50	.5993	42.9
160	26.07	36.44	24.12	380.7	387.3	1541.57	.6774	55.6
180	25.41	36.49	24.36	357.5	364.9	1540.40	.7526	69.9
200	22.35	36.63	25.38	261.0	268.8	1533.32	.8160	85.6
220	20.50	36.61	25.87	213.6	221.9	1528.74	.8651	102.4
240	19.18	36.50	26.14	188.5	197.1	1525.32	.9070	120.1
260	17.74	36.33	26.37	166.3	175.2	1521.35	.9442	138.6
280	17.03	36.23	26.47	157.1	166.5	1519.47	.9784	157.9
300	16.44	36.16	26.55	149.0	158.7	1517.94	1.0109	177.8
340	15.34	35.96	26.65	139.6	150.1	1514.99	1.0726	219.4
380	13.18	35.59	26.83	122.7	133.2	1508.25	1.1290	263.5
420	11.85	35.41	26.95	111.0	121.6	1504.19	1.1795	309.7
460	10.56	35.22	27.04	102.4	113.0	1500.09	1.2271	357.8
500	9.10	34.99	27.11	95.9	105.9	1495.14	1.2712	407.8
540	8.08	34.92	27.22	85.9	95.7	1491.88	1.3109	459.4
580	7.63	34.87	27.25	83.3	93.2	1490.74	1.3487	512.6
620	7.22	34.85	27.29	79.2	89.3	1489.78	1.3848	567.3
660	6.96	34.83	27.31	77.2	87.6	1489.39	1.4202	623.4
700	8.13	34.92	27.21	86.6	99.3	1494.65	1.4563	680.9

STD STATION NUMBER 71
 AUGUST 16, 1971 03.5 /
 LATITUDE 16 30
 LONGITUDE 81 38
 DEPTH TO BOTTOM M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.59	36.09	23.43	446.0	446.0	1541.65	.0000	.0
20	27.25	36.10	23.49	440.9	441.8	1541.67	.0888	.9
40	26.73	36.21	23.74	417.1	418.8	1540.93	.1748	3.5
60	26.58	36.26	23.82	409.0	411.5	1540.96	.2579	7.9
80	26.13	36.37	24.05	387.5	390.8	1540.35	.3381	13.8
100	25.29	36.54	24.44	350.4	354.5	1538.86	.4126	21.3
120	23.73	36.60	24.95	301.2	306.1	1535.48	.4787	30.2
140	20.63	36.55	25.79	221.3	226.6	1527.75	.5319	40.3
160	18.91	36.44	26.16	186.2	191.9	1523.22	.5738	51.4
180	18.35	36.40	26.27	175.6	181.9	1521.90	.6112	63.2
200	17.97	36.31	26.30	173.1	180.0	1521.04	.6474	75.8
220	16.40	36.13	26.54	150.2	157.4	1516.51	.6811	89.1
240	15.42	36.01	26.67	137.6	145.1	1513.69	.7114	103.0

STD STATION NUMBER 72
 AUGUST 16, 1971 06.8 Z
 LATITUDE 16 40
 LONGITUDE 81 12
 DEPTH TO BOTTOM 241 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.74	36.06	23.30	459.0	459.0	1542.39	.0000	.0
20	27.54	36.08	23.38	451.3	452.2	1542.29	.0911	.9
40	27.32	36.12	23.48	441.6	443.3	1542.17	.1807	3.6
60	27.24	36.14	23.52	437.7	440.3	1542.33	.2690	8.1
80	25.98	36.35	24.08	384.5	387.8	1539.98	.3518	14.3
100	24.83	36.51	24.55	339.1	343.2	1537.75	.4249	22.1
120	24.71	36.52	24.60	334.9	339.8	1537.79	.4932	31.3
140	22.64	36.60	25.27	271.0	276.5	1533.07	.5549	41.8
160	18.52	36.45	26.25	177.5	183.2	1522.10	.6008	53.3
180	17.61	36.33	26.40	163.2	169.4	1519.68	.6361	65.7
200	17.97	36.31	26.30	173.1	180.0	1521.04	.6710	78.8

STD STATION NUMBER 73
 AUGUST 16, 1971 12.4 /
 LATITUDE 16 17
 LONGITUDE 81 14
 DEPTH TO BOTTOM 265 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.65	36.01	23.29	459.8	459.8	1542.15	.0000	.0
20	27.58	36.06	23.35	453.7	454.5	1542.37	.0914	.9
40	27.54	36.09	23.38	450.7	452.4	1542.62	.1821	3.6
60	27.40	36.09	23.43	446.6	449.1	1542.64	.2723	8.2
80	26.69	36.37	23.87	404.3	407.6	1541.62	.3579	14.5
100	26.25	36.53	24.13	379.7	383.9	1541.09	.4371	22.4
120	24.72	36.73	24.75	320.3	325.2	1538.00	.5080	31.9
140	24.07	36.71	24.93	302.9	308.6	1536.73	.5714	42.7
160	18.90	36.53	26.24	179.2	184.8	1523.27	.6207	54.6
180	17.45	36.36	26.47	157.0	163.1	1519.24	.6555	67.4
200	16.09	36.16	26.64	141.2	147.7	1515.27	.6866	80.8
220	15.59	36.07	26.68	137.4	143.8	1513.97	.7158	94.8
240	15.24	36.00	26.70	135.0	141.6	1513.12	.7443	109.4
260	14.89	35.94	26.73	132.7	139.5	1512.26	.7724	124.6
280	14.54	35.87	26.75	130.3	137.5	1511.39	.8001	140.3
300	14.18	35.81	26.78	128.0	135.5	1510.50	.8274	156.6
340	13.48	35.67	26.82	123.3	131.9	1508.70	.8809	190.8
380	12.78	35.54	26.87	118.7	128.6	1506.85	.9330	227.0

STD STATION NUMBER A73
 AUGUST 16, 1971 14.6 /
 LATITUDE 16 17
 LONGITUDE 81 14
 DEPTH TO BOTTOM 265 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.87	36.07	23.26	462.3	462.3	1542.69	.0000	.0
20	27.66	36.07	23.33	455.8	456.6	1542.55	.0919	.9
40	27.52	36.08	23.38	450.7	452.4	1542.57	.1828	3.7
60	27.35	36.11	23.46	443.4	445.9	1542.54	.2726	8.2
80	26.76	36.25	23.76	414.9	418.3	1541.69	.3590	14.5
100	25.34	36.58	24.45	349.1	353.3	1539.00	.4362	22.5
120	23.40	36.72	25.14	283.2	288.0	1534.76	.5003	31.9
140	22.32	36.80	25.51	247.7	253.2	1532.41	.5544	42.4
160	19.67	36.69	26.16	186.0	192.5	1525.58	.5990	53.9
180	15.69	36.12	26.70	135.4	141.1	1513.68	.6324	66.3

STD STATION NUMBER 74
 AUGUST 16, 1971 19.4 2
 LATITUDE 16 27
 LONGITUDE 80 56
 DEPTH TO BOTTOM 499 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.08	36.11	23.22	466.0	466.0	1543.18	.0000	.0
20	27.77	36.13	23.34	455.0	455.9	1542.85	.0922	.9
40	27.69	36.12	23.36	453.3	455.0	1542.99	.1833	3.7
60	27.62	36.11	23.38	451.3	453.8	1543.15	.2742	8.3
80	27.59	36.12	23.39	450.1	453.4	1543.41	.3649	14.6
100	27.12	36.16	23.57	432.6	436.8	1542.73	.4539	22.8
120	25.92	36.59	24.28	365.5	370.5	1540.71	.5346	32.7
140	24.65	36.79	24.82	314.0	319.8	1538.20	.6037	44.1
160	23.97	36.75	24.99	297.3	303.8	1536.83	.6660	56.8
180	22.94	36.70	25.51	247.7	254.5	1532.25	.7219	70.7
200	20.25	36.71	26.02	200.0	207.5	1527.83	.7681	85.6
220	18.26	36.59	26.44	159.7	167.5	1522.47	.8056	101.3
240	17.53	36.39	26.47	157.1	165.3	1520.46	.8388	117.8
260	16.18	36.20	26.64	140.5	148.9	1516.56	.8703	134.8
280	14.50	35.96	26.84	121.9	130.3	1511.38	.8982	152.5
300	13.34	35.72	26.90	116.5	124.9	1507.63	.9237	170.7
340	12.15	35.49	26.96	110.5	119.3	1504.01	.9735	208.7
380	10.00	35.18	27.11	95.8	104.2	1496.76	1.0173	248.5
420	8.61	35.07	27.26	82.2	90.4	1492.13	1.0569	290.0
460	9.04	35.04	27.15	92.3	100.8	1494.36	1.0949	333.1

STD STATION NUMBER A74
 AUGUST 16, 1971 20.7 Z
 LATITUDE 16 27
 LONGITUDE 80 56
 DEPTH TO BOTTOM 499 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.11	36.14	23.24	464.8	464.8	1543.27	.0000	.0
20	27.76	36.17	23.38	451.2	452.1	1542.85	.0917	.9
40	27.69	36.13	23.36	452.7	454.4	1542.99	.1823	3.7
60	27.61	36.12	23.38	450.7	453.2	1543.13	.2731	8.2
80	27.35	36.18	23.51	438.3	441.7	1542.94	.3626	14.6
100	26.59	36.37	23.90	401.4	405.6	1541.72	.4473	22.7
120	26.06	36.45	24.13	379.4	384.4	1540.91	.5263	32.4
140	25.10	36.71	24.62	352.6	338.4	1539.20	.5986	43.7
160	24.21	36.79	24.95	301.3	307.9	1537.47	.6632	56.3
180	23.45	36.82	25.20	277.6	284.8	1535.92	.7225	70.1
200	21.36	36.85	25.81	219.6	226.5	1530.92	.7736	85.1
220	19.15	36.62	26.22	180.3	186.7	1525.02	.8150	101.0
240	17.15	36.33	26.51	153.1	160.3	1519.28	.8496	117.6
260	15.45	36.03	26.68	136.7	144.9	1514.11	.8802	134.9
280	14.36	35.90	26.82	123.5	131.8	1510.84	.9078	152.8
300	13.92	35.68	26.93	113.0	121.3	1506.54	.9331	171.2
340	11.15	35.36	27.05	101.9	110.2	1500.41	.9788	209.5

STD STATION NUMBER 75
 AUGUST 16, 1971 23.8 7
 LATITUDE 16 45
 LONGITUDE 81 07
 DEPTH TO BOTTOM 512 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.06	36.12	23.27	461.5	461.5	1542.93	.0000	.0
20	27.58	36.11	23.39	450.2	451.0	1542.41	.0913	.9
40	27.47	36.11	23.42	447.1	448.8	1542.48	.1812	3.6
60	27.40	36.11	23.44	444.9	447.5	1542.66	.2709	8.2
80	26.83	36.24	23.73	418.1	421.4	1541.82	.3577	14.4
100	26.02	36.43	24.13	379.9	384.1	1540.47	.4383	22.4
120	25.88	36.46	24.19	373.7	378.6	1540.49	.5146	31.9
140	25.72	36.51	24.28	365.2	371.0	1540.49	.5895	43.0
160	23.56	36.69	25.07	289.6	296.0	1535.78	.6562	55.4
180	22.30	36.72	25.46	253.3	260.3	1532.95	.7119	69.1
200	19.23	36.50	26.13	189.7	196.9	1524.82	.7576	83.8
220	18.49	36.43	26.26	176.4	184.2	1522.97	.7957	99.3
240	16.52	36.23	26.59	145.8	153.5	1517.30	.8295	115.6
260	15.46	36.03	26.68	137.0	145.1	1514.15	.8593	132.5
280	14.98	35.95	26.73	132.2	140.8	1512.87	.8879	150.0
300	14.63	35.88	26.75	130.2	139.2	1512.03	.9159	168.0
340	12.61	35.60	26.95	110.9	120.1	1505.71	.9687	205.7
380	10.66	35.27	27.07	100.4	109.3	1499.22	1.0144	245.4
420	10.06	35.20	27.12	95.3	104.6	1497.62	1.0572	286.8
460	9.00	35.08	27.20	88.2	97.3	1494.24	1.0973	329.9
500	8.52	35.01	27.22	86.1	95.3	1493.01	1.1358	374.6
540	8.04	34.94	27.24	84.0	93.4	1491.76	1.1735	420.8
580	7.56	34.88	27.26	81.9	91.7	1490.49	1.2105	468.4

STD STATION NUMBER 76
 AUGUST 17, 1971 03.27
 LATITUDE 16 49
 LONGITUDE 80 57
 DEPTH TO BOTTOM 395 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	27.54	36.04	23.35	454.2	454.2	1541.93	.0000	.0
20	27.33	36.13	23.48	441.5	442.3	1541.88	.0897	.9
40	27.17	36.17	23.57	433.1	434.8	1541.89	.1774	3.6
60	26.97	36.24	23.68	422.4	425.0	1541.81	.2633	8.0
80	26.33	36.40	24.00	391.5	394.8	1540.84	.3453	14.1
100	25.86	36.44	24.18	374.8	378.9	1540.10	.4227	21.7
120	24.96	36.68	24.64	330.7	335.7	1538.53	.4942	30.9
140	24.54	36.73	24.81	315.0	320.8	1537.87	.5598	41.4
160	24.22	36.75	24.92	304.4	310.9	1537.45	.6230	53.3
180	22.24	36.83	25.56	243.5	250.6	1532.89	.6791	66.3
200	21.03	36.71	25.80	220.6	228.1	1529.94	.7270	80.4
220	20.29	36.68	25.99	202.9	211.2	1528.24	.7709	95.3
240	17.73	36.38	26.41	162.4	170.6	1521.05	.8091	111.1
260	15.84	36.09	26.64	141.3	148.9	1515.41	.8411	127.6
280	14.35	35.83	26.77	128.0	136.3	1510.74	.8696	144.7
300	13.84	35.76	26.83	123.1	131.6	1509.35	.8964	162.4
340	11.33	35.41	27.05	101.9	110.2	1501.10	.9441	199.2
380	10.96	35.28	27.04	102.8	111.7	1499.93	.9889	237.9

STD STATION NUMBER 77
 AUGUST 17, 1971 08.3 Z
 LATITUDE 16 55
 LONGITUDE 80 31
 DEPTH TO BOTTOM 371 M

Z	T	S	SIGT	TANOM	SVA	SVEI	NYNHGT	TRANS
0	27.78	36.08	23.30	458.8	458.8	1542.50	.0000	.0
20	27.75	36.09	23.32	457.0	457.8	1542.77	.0917	.9
40	27.47	36.13	23.44	445.6	447.3	1542.51	.1822	3.7
60	26.79	36.24	23.74	416.3	418.9	1541.41	.2688	8.2
80	26.36	36.38	23.98	393.8	397.1	1540.87	.3504	14.4
100	25.90	36.48	24.20	372.7	376.9	1540.24	.4278	22.1
120	25.55	36.55	24.36	357.2	362.1	1539.81	.5017	31.4
140	24.97	36.65	24.62	333.3	339.0	1538.85	.5718	42.2
160	23.36	36.92	25.31	267.5	273.9	1535.47	.6331	54.2
180	21.96	36.99	25.76	224.6	231.8	1532.31	.6837	67.4
200	20.90	36.81	25.92	209.2	216.8	1529.66	.7285	81.5
220	19.57	36.57	26.09	193.0	200.8	1526.16	.7703	96.5
240	17.57	36.45	26.50	153.7	162.1	1520.63	.8066	112.3
260	16.78	36.23	26.62	142.6	151.1	1517.21	.8379	128.7
280	15.57	36.09	26.70	135.2	144.0	1514.86	.8674	145.8
300	14.95	36.00	26.77	128.1	137.3	1513.15	.8955	163.4
340	11.33	35.41	27.05	101.0	110.2	1501.10	.9441	199.2

STD STATION NUMBER A77
 AUGUST 17, 1971 08.3 Z
 LATITUDE 16 53
 LONGITUDE 80 31
 DEPTH TO BOTTOM 371 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.75	36.00	23.32	457.1	457.1	1542.44	.0000	.0
20	27.74	36.09	23.32	456.7	457.6	1542.75	.0915	.9
40	27.26	36.20	23.56	434.0	435.7	1542.11	.1808	3.6
60	26.83	36.26	23.74	416.6	419.1	1541.52	.2663	8.1
80	26.39	36.38	23.97	394.6	397.9	1540.95	.3480	14.3
100	25.96	36.47	24.18	375.0	379.2	1540.38	.4257	22.0
120	25.44	36.54	24.39	354.9	359.9	1539.54	.4996	31.2
140	24.76	36.73	24.74	321.4	327.1	1538.40	.5683	41.9
160	23.25	36.88	25.31	267.6	274.0	1535.17	.6284	53.9
180	22.07	36.85	25.62	237.7	244.7	1532.47	.6803	67.0
200	21.05	36.83	25.89	212.0	219.6	1530.10	.7267	81.0
220	18.33	36.51	26.36	167.1	174.7	1522.58	.7662	96.0
240	16.72	36.27	26.57	147.4	155.3	1517.92	.7992	111.6
260	16.18	36.13	26.59	145.4	153.8	1516.48	.8301	127.9
280	15.07	35.99	26.73	132.5	140.4	1513.21	.8595	144.8
300	14.12	35.86	26.84	121.9	129.9	1510.34	.8865	162.3
340	11.33	35.41	27.05	101.9	110.2	1501.10	.9441	199.2

STD STATION NUMBER 78
 AUGUST 17, 1971 14.0 Z
 LATITUDE 17 21
 LONGITUDE 80 29
 DEPTH TO BOTTOM 1595 M

Z	T	S	SIGT	TANOM	SVA	SVEL	RYNHGT	TRANS
0	27.71	36.02	23.28	460.9	460.9	1542.29	.0000	.0
20	27.64	36.03	23.31	457.9	458.8	1542.47	.0920	.9
40	27.25	36.15	23.53	437.0	438.7	1542.04	.1817	3.7
60	26.47	36.35	23.92	399.2	401.7	1540.80	.2657	8.1
80	25.91	36.47	24.19	373.7	377.1	1539.93	.3436	14.2
100	25.44	36.44	24.29	364.3	368.4	1539.64	.4182	21.8
120	25.08	36.63	24.57	337.8	342.7	1538.75	.4893	30.9
140	23.56	36.85	25.19	278.4	284.1	1535.59	.5520	41.3
160	21.52	36.83	25.76	224.5	230.7	1530.69	.6034	52.9
180	20.79	36.73	25.88	212.8	219.6	1529.00	.6485	65.4
200	20.58	36.71	25.93	208.4	216.0	1528.73	.6920	78.8
220	19.76	36.63	26.09	193.4	201.4	1526.75	.7338	93.1
240	18.16	36.44	26.36	167.8	176.1	1522.35	.7715	108.1
260	17.90	36.41	26.40	164.0	173.0	1521.90	.8064	123.9
280	17.52	36.38	26.46	157.8	167.3	1521.06	.8405	140.4
300	16.82	36.29	26.56	148.0	157.9	1519.21	.8730	157.5
340	15.53	36.02	26.66	139.2	149.9	1515.65	.9349	193.7
380	13.76	35.75	26.83	122.4	133.2	1510.35	.9921	232.2
420	11.82	35.41	26.96	110.2	120.8	1504.11	1.0426	272.9
460	10.56	35.25	27.07	100.5	111.1	1500.13	1.0893	315.6
500	9.72	35.15	27.13	93.9	104.6	1497.60	1.1326	360.0
540	8.57	35.00	27.20	87.4	97.8	1493.82	1.1731	406.1
580	7.62	34.89	27.26	81.7	91.7	1490.73	1.2110	453.8
620	7.39	34.88	27.29	79.1	89.5	1490.49	1.2474	503.0
660	7.10	34.84	27.30	78.3	88.9	1489.97	1.2830	553.6
700	6.80	34.83	27.33	75.0	85.9	1489.43	1.3179	605.6
740	6.29	34.86	27.43	66.1	76.8	1488.09	1.3507	659.0
780	5.97	34.86	27.47	62.6	73.4	1487.48	1.3804	713.6
820	5.66	34.80	27.53	56.5	67.3	1486.90	1.4080	769.4
860	5.34	34.90	27.58	51.0	62.7	1486.29	1.4337	826.2
900	5.17	34.91	27.61	49.1	60.0	1486.25	1.4581	884.1
940	4.98	34.92	27.64	46.1	57.1	1486.15	1.4813	942.9
980	4.84	34.94	27.67	43.4	54.6	1486.24	1.5036	1002.6
1020	4.68	34.96	27.70	40.2	51.5	1486.29	1.5248	1063.1
1100	4.54	34.96	27.72	38.7	50.6	1487.02	1.5660	1186.8
1200	4.46	34.96	27.73	37.7	50.4	1488.30	1.6165	1345.9
1300	4.39	34.97	27.74	36.5	50.0	1489.69	1.6671	1510.1
1400	4.33	34.98	27.75	35.3	49.7	1491.09	1.7172	1679.3
1500	4.27	34.97	27.76	34.8	49.9	1492.47	1.7670	1853.5

STD STATION NUMBER A78
 AUGUST 17, 1971 17.7 7
 LATITUDE 17 19
 LONGITUDE 80 35
 DEPTH TO BOTTOM 1606 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.33	34.04	23.25	463.2	463.2	1542.57	.0000	.0
20	27.75	36.11	23.33	456.0	456.9	1542.78	.0020	.9
40	27.23	36.16	23.54	435.9	437.6	1541.99	.1815	3.7
60	26.63	35.31	23.84	406.9	409.4	1541.11	.2662	8.1
80	26.11	36.41	24.08	383.9	387.3	1540.34	.3458	14.3
100	25.54	35.52	24.35	358.9	363.1	1539.44	.4209	21.9
120	24.97	36.66	24.62	332.4	337.3	1538.53	.4909	31.0
140	23.93	36.77	25.02	295.0	300.7	1536.44	.5547	41.5
160	22.49	36.91	25.55	244.4	250.7	1533.28	.6098	53.1
180	21.29	36.78	25.78	222.0	229.0	1530.36	.6578	65.8
200	20.36	36.71	25.99	202.6	210.0	1528.13	.7017	79.4
220	18.68	36.51	26.28	175.3	183.1	1523.61	.7410	93.8
240	18.06	36.42	26.36	167.0	175.3	1522.04	.7769	109.0
260	17.98	36.41	26.38	165.9	174.9	1522.13	.8119	124.9
280	17.33	36.38	26.39	164.8	174.4	1521.98	.8468	141.5
300	16.59	36.25	26.59	145.5	155.4	1518.50	.8798	158.8
340	14.74	35.88	26.72	133.0	143.3	1513.01	.9396	195.2
380	11.93	35.45	26.97	109.4	119.1	1503.86	.9923	233.8
420	11.20	35.33	27.01	105.3	115.5	1501.82	1.0394	274.5
460	10.46	35.22	27.06	100.7	111.2	1499.75	1.0848	316.9
500	9.48	35.10	27.14	93.4	103.9	1496.71	1.1278	361.2
540	8.50	34.98	27.20	87.5	97.8	1493.54	1.1680	407.1
580	7.52	34.90	27.29	79.5	89.4	1490.36	1.2058	454.6
620	7.38	34.87	27.28	80.0	90.3	1490.43	1.2419	503.6
660	7.11	34.82	27.28	79.9	90.6	1489.95	1.2783	554.0
700	6.52	34.84	27.38	70.7	81.2	1488.32	1.3125	605.8
740	6.16	34.82	27.41	67.4	77.9	1487.52	1.3436	658.9
780	5.90	34.86	27.48	61.4	72.1	1487.21	1.3735	713.3
820	5.60	34.92	27.56	53.7	64.5	1486.73	1.4010	768.8
860	5.45	34.89	27.56	53.8	64.7	1486.73	1.4267	825.3
900	5.16	34.92	27.62	48.2	59.1	1486.25	1.4512	882.9
940	4.95	34.93	27.65	45.2	56.2	1486.05	1.4743	941.4
980	4.81	34.93	27.66	43.8	55.0	1486.13	1.4967	1000.8
1020	4.70	34.94	27.69	41.6	53.0	1486.35	1.5182	1061.1
1100	4.55	34.95	27.71	39.3	51.2	1487.03	1.5597	1184.2
1200	4.45	34.95	27.72	38.1	50.8	1488.26	1.6105	1342.7
1300	4.36	34.96	27.74	36.5	50.0	1489.57	1.6606	1506.3
1400	4.32	34.97	27.75	35.6	49.9	1491.04	1.7109	1674.9
1500	4.28	34.97	27.75	35.2	50.4	1492.52	1.7613	1848.5

STD STATION NUMBER 79
 AUGUST 17, 1971 21.3 °
 LATITUDE 17 48
 LONGITUDE 80 29
 DEPTH TO BOTTOM 2926 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.09	36.07	23.22	466.1	466.1	1542.95	.0000	.0
20	27.74	36.07	23.30	458.5	459.3	1542.72	.0925	.9
40	27.53	36.12	23.41	448.1	449.8	1542.64	.1835	3.7
60	27.39	36.14	23.47	442.3	444.9	1542.67	.2729	8.2
80	27.33	36.15	23.50	439.7	443.1	1542.86	.3617	14.6
100	26.98	36.16	23.62	428.4	432.6	1542.42	.4493	22.7
120	26.31	36.37	23.99	392.6	397.6	1541.40	.5323	32.5
140	26.07	36.44	24.12	380.7	386.5	1541.24	.6107	44.0
160	25.92	36.48	24.20	372.9	379.6	1541.25	.6873	56.9
180	24.78	36.58	24.62	332.9	339.9	1538.99	.7593	71.4
200	23.13	36.76	25.25	273.1	281.1	1535.41	.8214	87.2
220	21.64	36.81	25.71	229.0	237.5	1531.95	.8733	104.2
240	20.15	36.67	26.02	200.1	209.0	1528.16	.9179	122.1
260	18.75	36.49	26.24	178.8	188.1	1524.43	.9576	140.8
280	17.76	36.36	26.39	164.5	174.1	1521.76	.9938	160.3
300	17.43	36.32	26.44	159.5	169.7	1521.06	1.0282	180.6
340	16.14	36.12	26.59	145.5	156.4	1517.64	1.0931	223.0
380	15.27	35.97	26.68	137.2	149.0	1515.42	1.1534	267.9
420	14.33	35.80	26.75	130.3	142.6	1512.87	1.2122	315.2
460	13.41	35.63	26.82	123.9	136.7	1510.35	1.2687	364.9
500	12.08	35.43	26.93	113.7	126.5	1506.30	1.3212	416.7
540	11.17	35.31	27.01	105.9	118.9	1503.63	1.3704	470.5
580	10.36	35.20	27.06	100.6	113.6	1501.28	1.4172	526.3
620	9.19	35.03	27.13	94.2	106.8	1497.45	1.4617	583.9
660	8.30	34.92	27.19	89.1	101.3	1494.64	1.5031	643.2
700	7.12	34.80	27.26	81.7	92.9	1490.61	1.5418	704.1
740	6.44	34.81	27.37	71.6	82.5	1488.63	1.5767	766.5
780	6.10	34.83	27.42	66.5	77.4	1487.93	1.6087	830.2
820	5.98	34.84	27.45	64.0	75.3	1488.12	1.6391	895.1
860	5.77	34.84	27.46	62.8	74.5	1488.36	1.6688	961.3
900	5.50	34.87	27.53	56.3	67.8	1487.56	1.6972	1028.6
940	5.16	34.90	27.60	49.8	61.2	1486.87	1.7227	1097.0
980	4.95	34.92	27.64	46.3	57.7	1486.67	1.7467	1166.4
1020	4.72	34.94	27.68	41.8	53.2	1486.44	1.7690	1236.7
1100	4.49	34.96	27.72	38.2	50.0	1486.83	1.8099	1379.9
1200	4.44	34.97	27.74	36.8	49.5	1488.24	1.8598	1563.4
1300	4.40	34.97	27.74	36.6	50.2	1489.73	1.9099	1751.9
1400	4.35	34.97	27.75	36.0	50.4	1491.15	1.9604	1945.4
1500	4.28	34.98	27.76	34.8	50.0	1492.52	2.0104	2143.9
1600	4.26	34.98	27.76	34.3	50.4	1494.09	2.0604	2347.5
1700	4.23	34.98	27.77	33.9	50.8	1495.63	2.1105	2556.0
1800	4.19	35.00	27.78	32.4	50.1	1497.13	2.1609	2769.6
1900	4.17	34.99	27.79	32.3	50.8	1498.70	2.2116	2988.2
2000	4.14	34.99	27.79	32.1	51.4	1500.24	2.2626	3211.9

STD STATION NUMBER 80
 AUGUST 18, 1971 06.5 /
 LATITUDE 19 13
 LONGITUDE 81 34
 DEPTH TO BOTTOM 1955 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.84	36.15	23.00	487.2	487.2	1544.84	.0000	.0
20	28.66	36.14	23.06	481.8	482.6	1544.77	.0970	1.0
40	28.17	36.19	23.25	463.1	464.8	1544.09	.1917	3.9
60	27.07	36.26	23.67	423.7	426.2	1542.07	.2808	8.6
80	26.80	36.26	23.75	415.4	418.8	1541.79	.3653	15.0
100	26.85	36.20	23.69	421.6	425.8	1542.15	.4408	23.2
120	26.39	36.33	23.93	398.3	403.3	1541.55	.5327	33.0
140	25.31	36.48	24.23	369.8	375.6	1540.69	.6106	44.5
160	25.37	36.50	24.38	355.7	362.3	1539.99	.6844	57.4
180	24.77	36.67	24.70	325.6	333.0	1539.03	.7539	71.8
200	23.75	36.90	25.17	280.4	288.5	1537.08	.8160	87.5
220	22.60	37.04	25.61	238.3	247.1	1534.62	.8696	104.3
240	21.08	36.93	25.96	205.6	214.8	1530.89	.9158	122.2
260	20.10	36.78	26.11	191.3	201.0	1528.44	.9574	140.9
280	19.07	36.61	26.25	177.9	188.0	1525.76	.9963	160.5
300	18.16	36.49	26.39	164.6	175.1	1523.36	1.0326	180.8
340	17.15	36.28	26.48	156.4	167.8	1520.84	1.1002	223.4
380	16.31	36.16	26.58	146.1	158.4	1518.82	1.1645	268.7
420	15.10	36.02	26.76	129.9	142.7	1515.58	1.2247	316.5
460	13.29	35.71	26.90	116.2	128.9	1510.04	1.2790	366.6
500	12.12	35.48	26.96	110.7	123.5	1506.50	1.3295	418.8
540	11.39	35.42	27.05	102.0	115.3	1504.54	1.3766	472.9
580	10.62	35.26	27.07	100.5	113.8	1502.28	1.4229	528.9
620	9.65	35.12	27.13	94.6	107.7	1499.26	1.4661	586.7
660	8.89	35.03	27.18	89.7	102.7	1496.99	1.5081	646.2
700	8.42	34.94	27.18	89.5	102.7	1495.77	1.5489	707.3
740	7.99	34.91	27.22	85.7	98.9	1494.76	1.5895	770.1
780	7.25	34.90	27.33	75.6	88.4	1492.56	1.6266	834.4
820	6.56	34.91	27.43	66.0	78.4	1490.54	1.6599	900.2
860	6.24	34.88	27.45	64.3	76.7	1489.88	1.6915	967.2
900	5.97	34.84	27.45	63.6	76.0	1489.38	1.7218	1035.5
940	5.74	34.86	27.50	59.4	71.8	1489.14	1.7515	1104.9
980	5.46	34.90	27.57	53.1	65.6	1488.73	1.7788	1175.5
1020	5.22	34.93	27.61	48.4	60.9	1488.46	1.8043	1247.2
1100	4.85	34.95	27.67	42.8	55.4	1488.28	1.8491	1393.4
1200	4.63	34.96	27.71	39.4	52.5	1489.00	1.9038	1581.0
1300	4.56	34.96	27.71	39.0	53.0	1490.39	1.9561	1774.0
1400	4.42	34.97	27.74	36.7	51.3	1491.44	2.0075	1972.2
1500	4.37	34.98	27.75	35.7	51.2	1492.90	2.0590	2175.5
1600	4.36	34.98	27.75	35.3	51.7	1494.51	2.1103	2384.0
1700	4.34	34.98	27.76	34.8	52.1	1496.07	2.1620	2597.6
1800	4.30	34.99	27.77	33.9	52.1	1497.57	2.2140	2816.4

STD STATION NUMBER 81
 AUGUST 10, 1971 11.57
 LATITUDE 19 06
 LONGITUDE 82 02
 DEPTH TO BOTTOM 2149 M

Z	T	S	SICT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.22	36.00	23.10	478.3	478.3	1543.38	.0000	.0
20	27.83	36.07	23.27	461.2	462.1	1542.91	.0940	.9
40	27.41	36.16	23.48	441.6	443.3	1542.40	.1846	3.7
60	27.18	36.20	23.58	431.9	434.5	1542.26	.2723	8.3
80	26.98	36.24	23.68	422.8	426.1	1542.16	.3584	14.6
100	26.76	36.29	23.78	412.5	416.7	1542.04	.4427	22.6
120	26.50	36.34	23.91	400.4	405.4	1541.82	.5249	32.3
140	26.29	36.38	24.00	391.9	397.8	1541.70	.6052	43.6
160	25.85	36.50	24.23	369.8	376.5	1541.10	.6827	56.5
180	24.87	36.70	24.69	326.4	333.8	1539.29	.7537	70.8
200	23.32	36.98	25.36	262.7	270.6	1536.08	.8141	86.5
220	21.44	36.99	25.90	211.2	219.4	1531.58	.8631	103.3
240	20.10	36.83	26.15	187.2	196.2	1528.16	.9047	121.0
260	19.26	36.67	26.25	178.2	187.6	1526.02	.9431	139.4
280	18.63	36.58	26.34	169.5	179.5	1524.49	.9798	158.7
300	17.89	36.50	26.47	157.3	167.6	1522.59	1.0145	178.6
340	16.74	36.34	26.62	142.7	153.9	1519.68	1.0796	220.5
380	15.93	36.18	26.69	136.0	148.2	1517.70	1.1412	264.9
420	14.91	35.94	26.73	131.9	144.5	1514.89	1.2002	311.8
460	13.72	35.75	26.84	121.6	134.6	1511.50	1.2555	360.9
500	14.15	35.72	26.75	130.4	146.7	1513.52	1.3127	412.2
540	11.66	35.43	27.00	106.2	119.7	1505.50	1.3669	465.9
580	10.96	35.29	27.02	104.3	118.0	1503.51	1.4148	521.5
620	9.88	35.15	27.11	96.4	109.8	1500.14	1.4605	579.0
660	9.19	35.05	27.14	93.1	106.5	1498.12	1.5042	638.3
700	8.90	35.02	27.17	90.4	104.2	1497.66	1.5464	699.3
740	7.82	34.88	27.23	85.1	98.1	1494.05	1.5864	762.0
780	7.37	34.84	27.26	82.2	95.1	1492.94	1.6252	826.2
820	6.88	34.84	27.33	75.1	87.9	1491.68	1.6619	892.0
860	6.24	34.83	27.41	68.1	80.4	1489.81	1.6959	959.1
900	5.78	34.86	27.49	60.2	72.2	1488.65	1.7268	1027.6
940	5.56	34.89	27.54	55.6	67.7	1488.47	1.7548	1097.2
980	5.30	34.90	27.58	51.4	63.6	1488.07	1.7811	1167.9
1020	5.13	34.92	27.62	48.1	60.3	1488.07	1.8059	1239.7
1100	4.84	34.93	27.66	44.2	56.7	1488.22	1.8524	1386.0
1200	4.51	34.95	27.71	39.3	52.1	1488.52	1.9067	1574.0
1300	4.49	34.96	27.73	38.0	51.8	1490.11	1.9591	1767.3
1400	4.45	34.97	27.73	37.1	51.8	1491.59	2.0108	1965.8
1500	4.42	34.97	27.74	36.7	52.3	1493.09	2.0625	2169.5
1600	4.38	34.97	27.75	36.0	52.5	1494.56	2.1150	2378.3
1700	4.34	34.98	27.75	35.4	52.7	1496.07	2.1669	2592.4
1800	4.30	35.00	27.77	33.5	51.7	1497.60	2.2189	2811.7
1900	4.29	34.99	27.77	34.0	53.0	1499.20	2.2712	3036.2
2000	4.15	35.00	27.79	31.7	51.1	1500.28	2.3237	3266.0

STD STATION NUMBER 181
 AUGUST 18, 1971 14.6 7
 LATITUDE 19 05
 LONGITUDE 82 07
 DEPTH TO BOTTOM 2305 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.89	35.99	23.20	468.7	468.7	1542.66	.0000	.0
20	27.70	35.99	23.26	462.8	463.6	1542.56	.0932	.9
40	27.50	36.05	23.37	452.0	453.7	1542.50	.1850	3.7
60	27.25	36.09	23.48	441.4	444.0	1542.31	.2747	8.3
80	27.04	35.14	23.59	431.2	434.5	1542.21	.3626	14.7
100	26.90	36.19	23.66	424.0	428.1	1542.26	.4488	22.8
120	26.62	36.29	23.83	408.1	413.2	1542.04	.5330	32.6
140	26.12	36.39	24.06	386.0	391.8	1541.31	.6135	44.1
160	25.59	36.49	24.31	362.4	369.1	1540.49	.6896	57.1
180	29.35	36.48	23.23	465.6	487.9	1549.12	.7753	71.8
200	30.57	36.55	22.94	493.2	523.8	1552.01	.8764	88.3
220	25.03	36.84	24.76	319.8	330.2	1540.43	.9618	106.7
240	15.91	37.09	27.56	54.1	77.2	1516.26	1.0026	126.3
260	16.06	36.91	27.35	73.9	94.7	1516.85	1.0198	146.5
280	18.42	36.61	26.42	161.8	171.7	1523.90	1.0464	167.2
300	17.86	36.50	26.47	156.7	167.0	1522.50	1.0803	188.5
340	16.97	36.28	26.52	151.8	163.1	1520.31	1.1470	233.0
380	16.06	36.15	26.63	141.3	153.5	1518.07	1.2102	280.2
420	14.93	35.91	26.71	134.3	147.0	1514.94	1.2706	329.8
460	13.79	35.76	26.84	122.2	135.3	1511.74	1.3272	381.8
500	12.60	35.56	26.92	114.1	127.4	1508.21	1.3796	435.9
540	11.67	35.40	26.98	108.6	122.0	1505.50	1.4294	492.1
580	10.63	35.29	27.09	98.3	111.7	1502.36	1.4765	550.2
620	10.00	35.17	27.10	96.9	110.4	1500.61	1.5204	610.1
660	9.20	35.06	27.15	92.2	105.6	1498.19	1.5638	671.8
700	8.58	34.97	27.19	89.4	102.7	1496.43	1.6049	735.2
740	8.04	34.92	27.22	85.5	98.8	1494.96	1.6449	800.2
780	7.48	34.88	27.28	80.3	93.4	1493.40	1.6834	866.8
820	7.02	34.85	27.32	76.1	89.1	1492.23	1.7200	934.9
860	6.21	34.87	27.44	64.8	77.1	1489.73	1.7533	1004.3
900	5.95	34.86	27.47	61.0	74.3	1489.33	1.7832	1075.1
940	5.59	34.89	27.54	55.3	67.6	1488.57	1.8113	1147.0
980	5.35	34.91	27.58	51.5	63.7	1488.28	1.8376	1219.9
1020	5.10	34.93	27.63	47.2	59.4	1487.97	1.8629	1294.0
1100	5.02	34.94	27.64	45.6	58.6	1488.95	1.9085	1444.8
1200	4.62	34.96	27.71	39.5	52.6	1488.98	1.9631	1638.4
1300	4.50	34.96	27.72	38.1	52.0	1490.14	2.0155	1837.4
1400	4.45	34.97	27.74	36.7	51.5	1491.58	2.0670	2041.5
1500	4.27	34.98	27.76	34.3	49.4	1492.48	2.1176	2250.7

STD STATION NUMBER 082
 AUGUST 19, 1971 18.3 Z
 LATITUDE 18 57
 LONGITUDE 82 36
 DEPTH TO BOTTOM 2354 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.10	36.06	23.18	470.2	470.2	1543.18	.0000	.0
20	27.85	36.06	23.26	462.3	463.1	1542.95	.0933	.9
40	27.61	36.10	23.37	452.1	453.8	1542.78	.1850	3.7
60	27.50	36.06	23.38	451.5	454.1	1542.84	.2758	8.3
80	27.33	36.08	23.45	444.5	447.9	1542.79	.3660	14.7
100	26.86	36.23	23.71	419.8	424.0	1542.22	.4532	22.9
120	26.20	36.41	24.06	386.5	391.5	1541.19	.5347	32.8
140	25.66	36.52	24.31	362.7	368.5	1540.36	.6107	44.3
160	24.73	36.69	24.72	323.1	329.8	1538.63	.6806	57.2
180	23.65	36.87	25.18	279.8	287.1	1536.48	.7422	71.4
200	22.04	36.93	25.69	230.9	238.8	1532.77	.7948	86.8
220	20.81	36.85	25.97	204.5	212.8	1529.78	.8400	103.1
240	19.85	36.75	26.15	187.0	195.9	1527.41	.8809	120.3
260	19.04	36.66	26.29	173.9	183.2	1525.41	.9188	138.3
280	18.28	36.55	26.41	162.9	172.7	1523.45	.9544	157.1
300	17.74	36.47	26.48	155.8	166.1	1522.14	.9883	176.5
340	16.70	36.29	26.57	147.7	158.9	1519.80	1.0534	217.3
380	15.79	36.13	26.68	137.1	149.1	1517.22	1.1151	260.7
420	14.78	35.95	26.77	128.1	140.7	1514.49	1.1725	306.5
460	13.80	35.79	26.86	120.0	133.1	1511.80	1.2273	354.5
500	12.80	35.63	26.94	112.4	125.9	1508.96	1.2788	404.6
540	11.45	35.41	27.03	103.5	116.8	1504.75	1.3271	456.7
580	10.71	35.30	27.08	99.0	112.4	1502.65	1.3732	510.7
620	9.87	35.22	27.16	91.3	104.8	1500.18	1.4167	566.6
660	9.05	35.07	27.19	89.0	102.2	1497.65	1.4586	624.1
700	8.24	34.98	27.25	83.4	96.3	1495.15	1.4980	683.2
740	7.60	34.92	27.29	79.0	91.7	1493.28	1.5354	743.9
780	7.09	34.88	27.33	75.0	87.5	1491.93	1.5713	806.0
820	6.67	34.85	27.37	71.8	84.2	1490.90	1.6057	869.6
860	6.25	34.86	27.43	66.0	78.3	1489.90	1.6383	934.4
900	5.80	34.87	27.50	59.6	71.7	1488.76	1.6683	1000.6
940	5.45	34.80	27.55	54.4	66.3	1488.03	1.6958	1067.9
980	5.20	34.92	27.61	48.9	60.9	1487.70	1.7214	1136.2
1020	4.99	34.92	27.64	46.3	58.3	1487.49	1.7452	1205.5
1100	4.75	34.94	27.68	42.4	54.8	1487.87	1.7902	1347.0
1200	4.56	34.96	27.72	38.9	51.9	1488.73	1.8438	1528.7
1300	4.42	34.97	27.74	36.7	50.4	1489.82	1.8949	1715.7
1400	4.33	34.98	27.76	35.0	49.4	1491.09	1.9447	1907.6
1500	4.28	34.97	27.75	35.2	50.4	1492.51	1.9942	2104.6
1600	4.24	34.98	27.76	34.4	50.4	1494.01	2.0444	2306.5
1700	4.21	34.98	27.77	33.8	50.6	1495.53	2.0943	2513.4
1800	4.19	34.99	27.78	32.8	50.5	1497.12	2.1449	2725.4
1900	4.18	34.99	27.78	32.7	51.3	1498.74	2.1958	2942.4
2000	4.16	35.00	27.79	31.8	51.3	1500.34	2.2468	3164.5

STD STATION NUMBER 83
 AUGUST 19, 1971 23.2 Z
 LATITUDE 18 46
 LONGITUDE 83 06
 DEPTH TO BOTTOM 1673 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.18	36.04	23.14	474.2	474.2	1543.33	.0000	.0
20	27.90	36.11	23.28	460.6	461.5	1543.12	.0936	.9
40	27.62	36.10	23.36	452.5	454.2	1542.81	.1851	3.7
60	27.04	36.17	23.61	429.3	431.8	1541.92	.2737	8.3
80	26.77	36.25	23.76	415.3	418.6	1541.69	.3588	14.6
100	25.92	36.51	24.22	371.2	375.3	1540.31	.4382	22.6
120	24.88	36.64	24.64	331.1	335.9	1538.30	.5093	32.1
140	22.99	36.91	25.41	258.1	263.6	1534.21	.5693	42.9
160	21.73	36.91	25.77	223.8	230.0	1531.31	.6186	54.7
180	20.81	36.88	25.99	202.4	209.2	1529.17	.6625	67.6
200	19.87	36.76	26.15	187.1	194.5	1526.84	.7029	81.2
220	19.20	36.62	26.23	180.2	188.1	1525.17	.7412	95.7
240	18.64	36.54	26.31	172.4	180.9	1523.83	.7781	110.8
260	17.92	36.48	26.44	159.4	168.4	1522.02	.8130	126.8
280	17.32	36.44	26.56	148.7	158.2	1520.54	.8457	143.3
300	16.99	36.31	26.54	150.4	160.5	1519.77	.8775	160.6
340	15.99	36.15	26.65	139.7	150.6	1517.19	.9399	196.9
380	15.10	36.02	26.75	130.1	141.8	1514.96	.9986	235.7
420	13.96	35.86	26.88	118.2	130.3	1511.76	1.0533	276.8
460	13.03	35.65	26.91	115.2	127.7	1509.11	1.1059	320.0
500	11.81	35.48	27.01	105.5	118.1	1505.43	1.1547	365.2
540	11.11	35.32	27.02	104.6	117.5	1503.46	1.2020	412.3
580	10.30	35.22	27.09	97.8	110.8	1501.09	1.2475	461.3
620	9.84	35.14	27.11	96.7	110.0	1499.97	1.2918	512.1
660	9.12	35.04	27.15	92.7	106.0	1497.88	1.3350	564.6
700	8.56	35.00	27.21	86.7	100.1	1496.40	1.3763	618.9
740	7.77	34.95	27.29	79.1	92.0	1493.97	1.4146	674.7
780	7.09	34.91	27.35	73.3	85.9	1491.94	1.4505	732.0
820	6.52	34.84	27.38	71.0	83.2	1490.25	1.4840	790.7
860	6.31	34.84	27.41	68.1	80.5	1490.09	1.5170	850.7
900	5.95	34.86	27.47	62.5	74.8	1489.35	1.5482	912.0
940	5.51	34.91	27.56	53.4	65.5	1488.28	1.5762	974.5
980	5.23	34.91	27.60	50.0	62.0	1487.83	1.6015	1038.1
1020	5.11	34.92	27.62	48.3	60.5	1488.00	1.6261	1102.6
1100	4.71	34.95	27.69	41.4	53.7	1487.70	1.6718	1234.6
1200	4.51	34.95	27.71	39.1	52.0	1488.51	1.7240	1404.4
1300	4.37	34.98	27.75	35.4	48.9	1489.62	1.7749	1579.4
1400	4.31	34.97	27.75	35.5	49.8	1490.99	1.8246	1759.3
1500	4.25	34.98	27.76	34.2	49.3	1492.41	1.8743	1944.3
1600	4.23	34.97	27.76	34.8	50.7	1493.96	1.9240	2134.2

STD STATION NUMBER 084
 AUGUST 20, 1971 10.7 7
 LATITUDE 21 40
 LONGITUDE 83 39
 DEPTH TO BOTTOM 2631 M

Z	T	S	SIGT	TANCM	SVA	SVEL	SYNHGT	TRANS
0	29.29	36.15	22.85	501.7	501.7	1545.79	.0000	.0
20	29.29	36.15	22.85	501.7	502.6	1546.12	.1004	1.0
40	29.14	36.14	22.90	497.4	499.2	1546.11	.2006	4.0
60	27.47	36.32	23.58	431.8	434.4	1543.00	.2939	9.0
80	25.68	36.59	24.35	358.6	361.9	1539.50	.3736	15.6
100	24.38	36.72	24.85	311.1	315.2	1536.84	.4413	23.8
120	23.28	36.90	25.32	266.6	271.5	1534.61	.5000	33.2
140	22.25	34.95	25.64	235.6	241.1	1532.37	.5512	43.7
160	21.38	34.87	25.83	217.5	223.6	1530.37	.5977	55.2
180	20.36	34.79	26.05	197.2	204.0	1527.88	.6405	67.6
200	19.72	36.70	26.15	187.0	194.3	1526.36	.6803	80.8
220	19.09	36.64	26.27	176.4	184.3	1524.88	.7182	94.8
240	18.46	36.58	26.38	165.2	173.7	1523.37	.7539	109.5
260	17.90	36.46	26.44	160.2	169.2	1521.95	.7882	124.9
280	17.46	36.40	26.49	154.8	164.3	1520.91	.8216	141.0
300	17.07	36.33	26.53	151.0	161.0	1520.01	.8541	157.8
340	16.25	36.23	26.65	139.7	150.7	1518.09	.9167	193.2
380	15.26	36.02	26.72	133.2	144.9	1515.44	.9759	231.1
420	14.65	35.96	26.81	125.1	137.6	1514.09	1.0330	271.2
460	14.05	35.83	26.83	122.5	135.8	1512.67	1.0882	313.7
500	13.11	35.65	26.89	117.3	131.0	1510.03	1.1417	358.3
540	12.30	35.52	26.96	110.8	124.9	1507.80	1.1927	405.0
580	11.52	35.42	27.02	104.7	119.0	1505.64	1.2416	453.7
620	10.86	35.33	27.07	99.8	114.3	1503.87	1.2886	504.3
660	10.37	35.18	27.05	102.0	117.1	1502.57	1.3348	556.7
700	9.13	35.08	27.18	89.7	103.8	1498.60	1.3795	611.0
740	7.19	34.95	27.37	71.5	83.7	1491.75	1.4162	667.0
780	6.50	34.92	27.44	64.7	76.4	1489.64	1.4482	724.3
820	6.07	34.90	27.49	60.5	72.1	1488.60	1.4777	782.8
850	5.90	34.89	27.50	59.1	70.9	1488.55	1.5064	842.5
900	5.65	34.91	27.55	54.0	66.8	1488.21	1.5339	903.3
940	5.38	34.92	27.59	51.0	62.9	1487.80	1.5598	965.1
980	5.08	34.93	27.63	46.8	58.5	1487.23	1.5841	1028.0
1020	4.82	34.95	27.68	42.4	54.0	1486.83	1.6065	1091.8
1100	4.52	34.96	27.72	38.5	50.4	1486.95	1.6481	1222.1
1200	4.35	34.97	27.75	36.0	48.4	1487.88	1.6969	1389.3
1300	4.26	34.98	27.77	34.1	47.3	1489.17	1.7451	1561.4
1400	4.23	34.98	27.77	34.1	48.2	1490.68	1.7934	1738.3
1500	4.21	34.98	27.77	33.8	48.7	1492.24	1.8418	1920.1
1600	4.17	34.98	27.77	33.4	49.2	1493.73	1.8906	2106.7
1700	4.16	34.99	27.78	32.9	49.5	1495.34	1.9396	2298.2
1800	4.15	34.99	27.78	32.4	50.0	1496.96	1.9895	2494.7
1900	4.14	34.99	27.78	32.3	50.7	1498.57	2.0399	2696.2
2000	4.13	35.00	27.79	31.5	50.8	1500.21	2.0901	2902.6

STD STATION NUMBER 85
 AUGUST 20, 1971 15.8 7
 LATITUDE 21 04
 LONGITUDE 83 45
 DEPTH TO BOTTOM 4114 M

Z	T	S	SIGT	TANOM	SVA	SVEI	SYNHGT	TRANS
0	29.51	36.16	22.85	501.6	501.6	1545.84	.0000	.0
20	29.24	36.15	22.87	500.1	500.9	1546.01	.1003	1.0
40	28.53	36.04	23.02	485.2	486.9	1544.73	.1990	4.0
60	26.78	36.08	23.62	428.0	430.5	1541.25	.2908	8.9
80	25.40	36.34	24.25	368.0	371.3	1538.62	.3710	15.5
100	24.18	36.59	24.81	314.7	318.8	1536.25	.4400	23.6
120	22.81	36.71	25.30	267.7	272.5	1533.27	.4991	33.0
140	21.36	36.70	25.71	229.5	234.8	1529.84	.5498	43.5
160	20.23	36.67	25.99	202.4	208.4	1527.10	.5941	54.9
180	19.62	36.62	26.12	190.6	197.3	1525.70	.6347	67.2
200	18.96	36.55	26.23	179.4	186.6	1524.11	.6731	80.3
220	18.57	36.51	26.30	172.9	180.7	1523.28	.7098	94.1
240	18.19	36.46	26.36	167.4	175.8	1522.46	.7455	108.7
260	17.75	36.39	26.42	162.1	171.1	1521.44	.7802	123.9
280	17.14	36.29	26.49	155.3	164.7	1519.86	.8137	139.9
300	16.23	36.13	26.58	146.5	156.2	1517.28	.8458	156.5
340	15.15	35.96	26.70	135.5	146.0	1514.39	.9056	191.5
380	14.03	35.82	26.79	126.7	137.8	1511.95	.9622	228.9
420	13.40	35.68	26.86	120.4	132.1	1509.73	1.0164	268.5
460	12.52	35.54	26.92	113.8	125.9	1507.27	1.0676	310.1
500	11.64	35.36	26.96	110.9	123.3	1504.69	1.1177	353.9
540	10.62	35.23	27.04	102.7	115.1	1501.60	1.1649	399.5
580	9.90	35.13	27.09	98.2	110.7	1499.54	1.2098	447.0
620	9.22	35.06	27.15	92.6	105.2	1497.61	1.2533	496.3
660	8.78	35.00	27.17	90.3	103.1	1496.55	1.2951	547.3
700	8.22	34.94	27.21	86.4	99.3	1495.02	1.3356	599.9
740	7.59	34.88	27.26	82.0	94.6	1493.19	1.3744	654.1
780	7.03	34.86	27.32	75.9	88.3	1491.65	1.4111	709.8
820	6.51	34.85	27.37	71.1	83.5	1490.64	1.4454	766.9
860	6.30	34.85	27.42	67.2	79.6	1490.07	1.4779	825.4
900	6.05	34.87	27.46	62.6	75.2	1489.75	1.5086	885.1
940	5.63	34.89	27.53	56.1	68.4	1488.75	1.5373	946.1
980	5.33	34.91	27.59	51.1	63.3	1488.22	1.5638	1008.1
1020	5.09	34.92	27.62	47.7	59.9	1487.91	1.5886	1071.1
1100	4.72	34.94	27.68	42.1	54.4	1487.73	1.6343	1200.1
1200	4.48	34.96	27.72	38.1	50.8	1488.40	1.6863	1366.1
1300	4.39	34.96	27.73	37.1	50.7	1489.67	1.7371	1537.3
1400	4.33	34.97	27.75	35.8	50.1	1491.08	1.7873	1713.5
1500	4.27	34.97	27.76	35.1	50.3	1492.48	1.8375	1894.8
1600	4.24	34.98	27.77	34.1	50.1	1494.01	1.8877	2081.0
1700	4.21	34.98	27.77	33.8	50.6	1495.54	1.9380	2272.3
1800	4.19	34.99	27.78	32.8	50.5	1497.12	1.9887	2468.7
1900	4.17	34.99	27.78	32.6	51.2	1498.70	2.0395	2670.1
2000	4.15	35.00	27.79	31.7	51.1	1500.29	2.0906	2876.6

STD STATION NUMBER A85
 AUGUST 20, 1971 18.9 Z
 LATITUDE 21 15
 LONGITUDE 85 50
 DEPTH TO BOTTOM 3823 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.45	36.15	22.80	506.8	506.8	1546.12	.0000	.0
20	29.23	36.13	22.96	501.2	502.0	1545.97	.1009	1.0
40	28.21	36.03	23.12	475.8	477.5	1544.04	.1988	4.0
60	26.71	36.05	23.62	428.0	430.5	1541.06	.2897	8.9
80	25.87	36.25	24.04	388.4	391.7	1539.64	.3719	15.5
100	24.75	36.48	24.56	339.0	343.1	1537.53	.4453	23.7
120	23.41	36.68	25.11	286.5	291.3	1534.75	.5088	33.2
140	22.12	36.73	25.52	247.5	253.0	1531.85	.5632	43.9
160	20.84	36.68	25.83	217.3	223.4	1528.76	.6108	55.7
180	19.87	36.65	26.07	194.7	201.4	1526.42	.6533	68.3
200	19.32	36.59	26.17	185.4	192.6	1525.16	.6927	81.8
220	18.76	36.52	26.26	176.8	184.6	1523.83	.7305	96.0
240	18.26	36.48	26.36	167.6	176.1	1522.68	.7665	111.0
260	17.80	36.41	26.42	161.9	170.8	1521.60	.8012	126.7
280	17.40	36.36	26.48	156.2	165.7	1520.70	.8349	143.0
300	16.94	36.27	26.52	152.2	162.2	1519.57	.8676	160.0
340	15.86	36.08	26.63	142.0	152.8	1516.73	.9306	196.0
380	14.45	35.85	26.76	129.0	140.2	1512.69	.9888	234.4
420	13.38	35.66	26.84	121.5	133.2	1509.64	1.0434	275.1
460	12.61	35.54	26.91	115.5	127.7	1507.58	1.0956	317.9
500	11.68	35.38	26.96	110.1	122.6	1504.86	1.1458	362.7
540	10.62	35.23	27.04	102.7	115.1	1501.60	1.1932	409.5
580	9.93	35.13	27.08	98.7	111.2	1499.65	1.2383	458.1
620	9.25	35.04	27.13	94.5	107.1	1497.70	1.2819	508.5
660	8.63	34.98	27.18	89.5	102.1	1495.97	1.3234	560.6
700	8.10	34.92	27.22	86.2	98.9	1494.54	1.3635	614.4
740	7.55	34.87	27.26	82.2	94.7	1493.02	1.4021	669.7
780	7.02	34.86	27.33	75.7	88.1	1491.61	1.4386	726.5
820	6.55	34.84	27.38	71.1	83.4	1490.39	1.4731	784.7
860	6.21	34.86	27.44	65.4	77.6	1489.73	1.5053	844.3
900	5.98	34.88	27.48	61.0	73.5	1489.49	1.5356	905.1
940	5.62	34.89	27.53	56.0	68.3	1488.71	1.5640	967.1
980	5.30	34.90	27.58	51.5	63.7	1488.08	1.5905	1030.2
1020	5.07	34.92	27.62	47.5	59.6	1487.83	1.6152	1094.4
1100	4.72	34.94	27.68	42.1	54.4	1487.73	1.6609	1225.4
1200	4.51	34.95	27.71	39.1	52.0	1488.51	1.7135	1394.2
1300	4.41	34.96	27.73	37.3	50.9	1489.75	1.7647	1568.1
1400	4.34	34.97	27.75	35.9	50.2	1491.12	1.8154	1747.1
1500	4.28	34.97	27.75	35.2	50.4	1492.52	1.8657	1931.1

STD STATION NUMBER 86
 AUGUST 27, 1971 22.8 7
 LATITUDE 20 43
 LONGITUDE 83 58
 DEPTH TO BOTTOM 4393 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.27	36.14	22.85	501.7	501.7	1545.74	.0000	.0
20	29.18	36.13	22.87	499.6	500.4	1545.86	.1002	1.0
40	29.05	36.10	22.89	497.5	499.3	1545.89	.2002	4.0
60	28.32	36.06	23.11	477.1	479.7	1544.63	.2981	9.0
80	27.36	36.04	23.41	448.6	452.0	1542.83	.3912	15.9
100	26.73	36.09	23.65	425.7	429.9	1541.79	.4794	24.6
120	25.99	36.21	23.97	394.9	399.8	1540.53	.5624	35.0
140	25.17	36.30	24.36	357.7	363.4	1539.10	.6387	47.0
160	23.51	36.66	25.06	290.7	297.1	1535.63	.7048	60.5
180	22.40	36.77	25.47	252.2	259.3	1533.25	.7604	75.1
200	21.22	36.72	25.76	224.3	232.0	1530.45	.8096	90.8
220	20.12	36.66	26.01	200.3	208.5	1527.75	.8536	107.4
240	19.33	36.59	26.17	185.6	194.3	1525.83	.8939	124.9
260	18.62	36.51	26.29	174.1	183.3	1524.07	.9316	143.2
280	18.06	36.45	26.38	165.1	174.8	1522.72	.9675	162.2
300	17.56	35.36	26.44	159.9	170.1	1521.49	1.0020	181.9
340	16.53	36.19	26.56	148.8	159.9	1518.89	1.0677	223.3
380	15.51	36.01	26.65	139.5	151.4	1516.21	1.1297	267.2
420	14.11	35.77	26.78	127.9	140.1	1512.15	1.1877	313.6
460	13.03	35.59	26.86	119.8	132.3	1509.04	1.2420	362.2
500	12.20	35.48	26.94	112.2	125.2	1506.76	1.2933	412.9
540	11.32	35.35	27.01	105.9	119.1	1504.21	1.3423	465.6
580	10.47	35.21	27.05	101.7	114.8	1501.69	1.3891	520.2
620	9.61	35.11	27.12	95.0	108.1	1499.10	1.4337	576.7
660	9.04	35.04	27.16	91.3	104.4	1497.57	1.4761	634.9
700	8.31	34.96	27.22	86.3	99.2	1495.38	1.5169	694.8
740	7.86	34.93	27.26	82.0	95.1	1494.29	1.5557	756.2
780	7.09	34.86	27.32	76.7	89.2	1491.88	1.5924	819.2
820	6.61	34.85	27.37	71.1	83.5	1490.64	1.6268	883.6
860	6.20	34.87	27.45	64.5	76.7	1489.70	1.6590	949.3
900	5.61	34.88	27.50	59.0	71.1	1488.81	1.6885	1016.3
940	5.51	34.90	27.56	54.0	66.0	1488.28	1.7159	1084.4
980	5.26	34.92	27.60	49.6	61.7	1487.95	1.7416	1153.5
1020	5.04	34.93	27.64	46.4	58.5	1487.72	1.7656	1223.7
1100	4.72	34.95	27.69	41.4	53.7	1487.74	1.8105	1366.7
1200	4.52	34.96	27.72	38.5	51.4	1488.57	1.8630	1550.4
1300	4.39	34.97	27.74	36.4	49.9	1489.68	1.9138	1739.3
1400	4.32	34.97	27.75	35.7	50.0	1491.04	1.9637	1933.1
1500	4.27	34.97	27.76	35.1	50.3	1492.47	2.0137	2132.0
1600	4.23	34.98	27.77	34.0	49.9	1493.97	2.0634	2335.9
1700	4.21	34.99	27.78	33.0	49.9	1495.55	2.1136	2544.7
1800	4.19	34.98	27.77	33.6	51.3	1497.11	2.1643	2758.6
1900	4.17	35.00	27.79	31.9	50.4	1498.71	2.2152	2977.6
2000	4.14	35.00	27.79	31.6	50.9	1500.24	2.2662	3201.6

STD STATION NUMBER 001
 SEPTEMBER 10, 1971 17.6 7
 LATITUDE 19 26
 LONGITUDE 75 04
 DEPTH TO BOTTOM 3566 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.45	36.25	22.87	499.7	499.7	1546.21	.0000	.0
20	29.29	36.25	22.93	494.5	495.4	1546.20	.0995	1.0
40	28.90	36.27	23.11	477.3	479.0	1545.51	.1969	4.0
60	27.18	36.27	23.64	426.5	429.1	1542.31	.2878	8.8
80	25.60	36.43	24.26	367.4	370.7	1539.17	.3677	15.4
100	24.34	36.62	24.79	317.1	321.2	1536.66	.4369	23.4
120	23.91	36.68	24.96	300.5	305.4	1535.99	.4996	32.8
140	23.26	36.74	25.20	278.0	283.6	1534.75	.5585	43.4
160	22.26	36.79	25.52	247.0	253.3	1532.58	.6122	55.1
180	21.00	36.78	25.87	214.3	221.1	1529.59	.6596	67.8
200	19.96	36.70	26.09	193.4	200.8	1527.03	.7018	81.4
220	18.94	36.59	26.27	176.1	184.0	1524.41	.7403	95.8
240	18.50	36.55	26.35	168.3	176.8	1523.44	.7763	111.0
260	18.03	36.50	26.43	160.7	169.8	1522.36	.8110	126.9
280	17.75	36.47	26.48	156.3	166.0	1521.84	.8446	143.4
300	17.35	36.41	26.53	151.4	161.6	1520.92	.8773	160.6
340	16.74	36.31	26.60	144.8	156.0	1519.65	.9408	197.0
380	15.92	36.17	26.68	136.8	148.9	1517.65	1.0018	235.9
420	15.16	36.03	26.75	130.6	143.5	1515.78	1.0605	277.1
460	13.83	35.77	26.84	122.3	135.4	1511.88	1.1162	320.6
500	13.00	35.65	26.91	114.8	128.4	1509.65	1.1689	366.4
540	11.89	35.47	26.99	107.3	121.0	1506.33	1.2188	414.1
580	11.18	35.39	27.06	100.5	114.5	1504.42	1.2656	463.8
620	10.40	35.30	27.14	93.8	107.9	1502.20	1.3100	515.3
660	9.76	35.23	27.19	88.5	102.7	1500.45	1.3521	568.6
700	9.15	35.16	27.24	84.1	98.3	1498.78	1.3922	623.5
740	8.38	35.06	27.28	79.9	93.7	1496.43	1.4305	679.9
780	7.76	34.97	27.31	77.6	91.3	1494.61	1.4676	737.9
820	7.18	34.94	27.37	71.9	85.3	1492.99	1.5031	797.3
860	6.58	34.90	27.42	67.0	80.0	1491.24	1.5362	858.1
900	6.20	34.90	27.47	62.2	75.1	1490.39	1.5672	920.2
940	5.84	34.91	27.52	57.1	69.8	1489.62	1.5961	983.4
980	5.43	34.93	27.59	50.8	63.2	1488.65	1.6227	1047.8
1020	5.26	34.96	27.63	46.6	59.2	1488.65	1.6472	1113.2
1100	4.86	34.97	27.69	41.4	54.0	1488.34	1.6920	1246.8
1200	4.73	35.02	27.74	36.2	49.7	1489.51	1.7437	1418.7
1300	4.50	35.01	27.76	34.5	48.4	1490.19	1.7928	1595.5
1400	4.44	35.02	27.78	33.1	47.9	1491.60	1.8407	1777.2
1500	4.33	35.02	27.79	32.0	47.4	1492.79	1.8882	1963.6
1600	4.28	35.03	27.80	30.7	47.0	1494.25	1.9355	2154.8
1700	4.24	35.02	27.80	31.1	48.1	1495.72	1.9833	2350.7
1800	4.21	35.03	27.81	30.0	47.9	1497.26	2.0311	2551.5
1900	4.18	35.03	27.81	29.7	48.4	1498.79	2.0793	2757.0
2000	4.17	35.04	27.82	28.9	48.5	1500.43	2.1278	2967.3

STD STATION NUMBER 002
 SEPTEMBER 11, 1971 00.1
 LATITUDE 19 00
 LONGITUDE 75 59
 DEPTH TO BOTTOM 2845 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.52	36.24	22.84	502.7	502.7	1546.34	.0000	.0
20	29.49	36.24	22.85	501.7	502.6	1546.60	.1005	1.0
40	29.22	36.23	22.93	493.7	495.4	1546.36	.2003	4.0
60	28.28	36.27	23.08	479.9	482.5	1546.00	.2981	9.0
80	27.74	36.23	23.43	446.7	450.1	1543.84	.3914	15.9
100	25.98	36.39	24.11	381.6	385.7	1540.34	.4750	24.6
120	24.28	36.57	24.58	336.3	341.2	1538.24	.5476	34.8
140	23.81	36.63	24.95	301.3	307.0	1536.02	.6125	46.4
160	22.00	36.78	25.59	240.7	246.9	1531.90	.6678	59.2
180	20.99	36.77	25.86	214.7	221.6	1529.56	.7147	73.0
200	20.00	36.71	26.08	193.7	201.1	1527.15	.7570	87.7
220	19.32	36.65	26.22	181.0	189.0	1525.53	.7960	103.3
240	18.52	36.54	26.34	169.5	178.0	1523.49	.8327	119.5
260	18.04	36.50	26.43	161.0	170.0	1522.39	.8675	136.5
280	17.57	36.44	26.50	154.3	163.9	1521.28	.9009	154.2
300	17.27	36.39	26.53	151.0	161.1	1520.67	.9334	172.6
340	16.52	36.26	26.61	143.5	154.6	1518.93	.9965	211.2
380	15.70	36.12	26.69	135.6	147.6	1516.92	1.0569	252.3
420	14.25	35.98	26.78	127.8	140.5	1514.75	1.1145	295.7
460	13.70	35.79	26.88	118.2	131.3	1511.48	1.1691	341.4
500	12.70	35.64	26.97	109.8	123.2	1508.64	1.2200	389.2
540	11.23	35.43	27.09	98.5	111.6	1504.00	1.2659	438.9
580	11.07	35.38	27.08	99.4	113.2	1504.02	1.3109	490.4
620	10.19	35.25	27.13	94.0	107.8	1501.38	1.3549	543.7
660	9.51	35.17	27.19	89.0	102.8	1499.46	1.3968	598.8
700	8.82	35.09	27.24	84.2	97.9	1497.46	1.4369	655.5
740	7.96	35.00	27.30	78.2	91.5	1494.76	1.4746	713.7
780	7.18	34.91	27.34	74.1	86.8	1492.30	1.5103	773.4
820	6.56	34.87	27.40	69.0	81.3	1490.47	1.5439	834.5
860	6.02	34.87	27.46	63.0	75.1	1489.22	1.5750	896.9
900	5.64	34.89	27.53	56.2	68.0	1488.14	1.6037	960.5
940	5.35	34.91	27.58	51.4	63.1	1487.65	1.6299	1025.1
980	5.17	34.93	27.62	47.8	59.7	1487.60	1.6544	1090.8
1020	4.27	34.95	27.66	44.1	56.1	1487.46	1.6776	1157.5
1100	4.75	34.97	27.70	40.2	52.6	1487.89	1.7211	1293.4
1200	4.52	34.98	27.74	37.0	49.9	1488.60	1.7721	1468.1
1300	4.42	35.00	27.76	34.4	48.1	1489.85	1.8210	1647.8
1400	4.37	35.01	27.78	33.2	47.7	1491.30	1.8692	1832.3
1500	4.32	35.01	27.78	32.6	48.0	1492.74	1.9171	2021.6
1600	4.25	35.02	27.80	31.2	47.3	1494.11	1.9646	2215.7
1700	4.20	35.02	27.80	30.7	47.6	1495.55	2.0119	2414.5
1800	4.18	35.02	27.80	30.5	48.2	1497.12	2.0598	2618.1
1900	4.17	35.02	27.81	30.4	49.0	1498.74	2.1084	2826.5

STD STATION NUMBER 003
 SEPTEMBER 11, 1971 10.4 7
 LATITUDE 19 39
 LONGITUDE 74 03
 DEPTH TO BOTTOM 2900 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	29.17	36.24	22.96	491.3	491.3	1545.61	.0000	.0
20	29.16	36.23	22.95	491.7	492.6	1545.91	.0984	1.0
40	28.60	36.20	23.12	476.0	477.7	1545.02	.1954	3.9
60	27.78	36.20	23.39	450.2	452.7	1543.58	.2885	8.8
80	26.58	36.31	23.86	405.4	408.7	1541.32	.3746	15.4
100	25.78	36.46	24.22	370.6	374.7	1539.94	.4530	23.7
120	24.65	36.59	24.67	328.2	333.1	1537.71	.5237	33.4
140	23.67	36.70	25.05	292.3	298.0	1535.74	.5868	44.5
160	23.16	36.74	25.23	275.2	281.6	1534.82	.6448	56.9
180	22.25	36.79	25.53	246.7	253.8	1532.88	.6983	70.3
200	21.42	36.75	25.73	227.4	235.1	1531.00	.7472	84.7
220	19.68	36.63	26.11	191.4	199.5	1526.52	.7907	100.1
240	18.05	36.61	26.28	174.8	183.5	1524.78	.8290	116.3
260	18.53	36.56	26.35	168.3	177.5	1523.86	.8651	133.3
280	18.06	36.51	26.43	160.7	170.5	1522.78	.8999	150.9
300	17.64	36.46	26.50	154.5	164.8	1521.83	.9334	169.2
340	17.08	36.37	26.56	148.1	159.5	1520.73	.9982	207.9
380	16.37	36.24	26.63	141.6	153.9	1519.10	1.0608	249.1
420	15.28	36.06	26.74	131.0	144.0	1516.19	1.1193	292.7
460	14.43	35.91	26.82	124.2	137.8	1513.98	1.1760	338.6
500	13.54	35.76	26.89	117.3	131.3	1511.57	1.2297	386.7
540	12.59	35.61	26.97	110.0	124.3	1508.88	1.2808	436.9
580	11.59	35.45	27.03	103.4	117.8	1505.92	1.3294	489.1
620	10.72	35.33	27.10	97.0	111.4	1503.37	1.3751	543.2
660	9.72	35.19	27.17	90.8	104.9	1500.25	1.4183	599.1
700	9.08	35.10	27.20	87.4	101.5	1498.44	1.4595	656.7
740	8.41	35.03	27.25	82.5	96.4	1496.50	1.4991	715.8
780	7.67	34.96	27.31	77.1	90.6	1494.25	1.5365	776.6
820	7.30	34.93	27.34	74.3	87.8	1493.44	1.5722	838.7
860	6.90	34.91	27.38	70.4	83.9	1492.51	1.6067	902.3
900	6.43	34.89	27.43	65.9	79.1	1491.28	1.6391	967.2
940	5.97	34.89	27.49	60.2	73.1	1490.11	1.6699	1033.4
980	5.67	34.91	27.54	55.1	68.0	1489.59	1.6980	1100.8
1020	5.72	34.99	27.60	49.7	63.3	1490.55	1.7241	1169.2
1100	5.03	34.98	27.68	42.5	55.6	1489.05	1.7718	1309.1
1200	4.31	35.00	27.72	38.6	52.3	1489.81	1.8253	1489.0
1300	4.67	35.02	27.75	35.6	50.0	1490.91	1.8759	1674.1
1400	4.45	35.03	27.78	32.5	47.3	1491.66	1.9247	1864.1
1500	4.35	35.03	27.79	31.5	47.0	1492.89	1.9718	2058.9
1600	4.31	35.03	27.80	31.0	47.4	1494.37	2.0194	2258.5
1700	4.23	35.02	27.80	31.0	48.0	1495.68	2.0674	2462.8
1800	4.18	35.02	27.80	30.5	48.2	1497.12	2.1154	2672.0
1900	4.16	35.02	27.81	30.3	48.8	1498.70	2.1639	2885.9
2000	4.15	35.03	27.82	29.4	48.9	1500.33	2.2123	3104.7

STD STATION NUMBER 004
 SEPTEMBER 11, 1971 16.5 Z
 LATITUDE 20 12
 LONGITUDE 73 14
 DEPTH TO BOTTOM 1360 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	27.05	36.44	23.68	422.7	422.7	1542.08	.0000	.0
20	27.45	36.45	23.69	421.9	422.8	1542.42	.0845	.8
40	27.35	36.36	23.65	425.3	427.0	1542.44	.1695	3.4
60	26.82	36.44	23.88	403.3	405.8	1541.65	.2528	7.6
80	26.39	36.46	24.03	388.8	392.2	1541.02	.3326	13.5
100	25.40	36.58	24.43	350.7	354.9	1539.16	.4073	20.9
120	24.90	36.64	24.63	331.8	336.7	1538.35	.4765	29.7
140	24.04	36.69	24.93	303.5	309.2	1536.64	.5411	39.9
160	23.28	36.80	25.24	274.2	280.6	1535.18	.6001	51.3
180	21.74	36.81	25.68	231.6	238.6	1531.57	.6520	63.8
200	19.91	36.73	26.12	189.9	197.4	1526.92	.6956	77.3
220	18.91	36.63	26.31	172.4	180.3	1524.36	.7333	91.6
240	18.32	36.57	26.41	162.5	171.0	1522.94	.7685	106.6
260	17.98	36.53	26.47	157.4	166.4	1522.24	.8022	122.3
280	17.70	36.49	26.50	153.7	163.3	1521.71	.8352	138.7
300	17.45	36.45	26.53	150.8	161.0	1521.26	.8676	155.7
340	16.80	36.34	26.61	143.9	155.2	1519.86	.9308	191.7
380	15.82	36.15	26.69	136.0	148.1	1517.32	.9916	230.1
420	14.93	36.00	26.78	128.0	140.7	1515.03	1.0495	271.0
460	13.91	35.82	26.86	120.2	133.5	1512.20	1.1044	314.0
500	13.07	35.69	26.93	113.2	126.9	1509.93	1.1562	359.3
540	12.23	35.58	27.01	105.5	119.5	1507.62	1.2052	406.5
580	11.38	35.45	27.07	99.6	113.8	1505.19	1.2520	455.6
620	10.28	35.30	27.16	91.8	105.8	1501.77	1.2960	506.6
660	9.74	35.25	27.21	86.7	100.9	1500.40	1.3370	559.3
700	9.40	35.20	27.23	85.0	99.6	1499.75	1.3770	613.6
740	8.83	35.12	27.26	82.1	96.7	1498.19	1.4162	669.4
780	7.98	35.02	27.31	77.0	91.0	1495.51	1.4535	726.8
820	7.56	34.96	27.33	75.6	89.6	1494.48	1.4895	785.7
860	7.07	34.95	27.39	69.7	83.5	1493.22	1.5241	846.0
900	6.97	34.94	27.44	65.4	79.7	1493.54	1.5565	907.6
940	6.30	34.94	27.49	60.5	74.1	1491.49	1.5873	970.5
980	6.17	34.95	27.51	58.1	72.1	1491.64	1.6165	1034.5
1020	5.95	34.95	27.54	55.4	69.5	1491.42	1.6451	1099.8
1100	5.00	34.96	27.66	43.7	56.6	1488.90	1.6971	1233.5
1200	4.01	35.00	27.72	38.6	52.3	1489.82	1.7505	1406.0

STD STATION NUMBER 005
 SEPTEMBER 11, 1971 22.4 7
 LATITUDE 20 14
 LONGITUDE 72 11
 DEPTH TO BOTTOM 3950 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.48	36.40	23.31	457.8	457.8	1544.29	.0000	.0
20	27.80	36.43	23.55	434.4	434.9	1543.18	.0893	.9
40	27.13	36.47	23.80	411.1	412.3	1542.04	.1740	3.5
60	26.45	36.50	24.04	387.8	390.1	1540.87	.2542	7.8
80	25.26	36.61	24.50	344.5	347.8	1538.53	.3280	13.6
100	24.54	36.63	24.73	322.1	326.2	1537.15	.3954	20.9
120	24.19	36.65	24.85	310.7	315.5	1536.65	.4596	29.4
140	23.22	36.76	25.22	275.4	281.0	1534.67	.5192	39.2
160	22.03	36.83	25.62	237.9	244.1	1532.02	.5718	50.1
180	21.19	36.83	25.85	215.6	222.5	1530.14	.6184	62.0
200	20.20	36.74	26.05	196.6	204.0	1527.72	.6611	74.8
220	19.31	36.68	26.24	178.6	186.6	1525.53	.7001	88.4
240	18.71	36.62	26.35	168.3	176.9	1524.11	.7365	102.8
260	18.34	36.58	26.41	162.3	171.5	1523.33	.7713	117.9
280	18.03	36.54	26.46	157.8	167.6	1522.72	.8052	133.6
300	17.79	36.50	26.49	155.1	165.4	1522.30	.8385	150.1
340	17.29	36.43	26.56	148.6	160.1	1521.41	.9033	184.9
380	16.85	36.34	26.60	145.1	157.7	1520.65	.9668	222.3
420	15.03	36.01	26.76	129.3	142.2	1515.35	1.0277	262.2
460	14.88	35.94	26.78	127.7	141.6	1515.50	1.0848	304.5
500	14.14	35.86	26.84	121.9	136.5	1513.64	1.1407	349.0
540	12.78	35.66	26.97	109.9	124.4	1509.57	1.1934	395.7
580	12.35	35.59	27.00	106.9	122.1	1508.69	1.2431	444.4
620	11.40	35.45	27.07	100.0	115.2	1505.90	1.2905	495.1
660	10.47	35.33	27.15	92.8	107.8	1503.13	1.3351	547.6
700	9.92	35.26	27.20	87.3	102.4	1501.35	1.3772	601.9
740	9.07	35.16	27.25	82.8	97.7	1499.13	1.4172	657.8
780	8.49	35.11	27.30	77.8	92.6	1497.55	1.4552	715.2
820	7.78	35.05	27.34	74.8	89.5	1496.20	1.4915	774.1
860	7.53	35.02	27.38	70.7	85.4	1495.09	1.5265	834.5
900	6.61	34.93	27.44	65.2	78.8	1492.05	1.5595	896.2
940	6.21	34.92	27.48	60.9	74.3	1491.11	1.5898	959.2
980	5.71	34.92	27.55	54.8	67.8	1489.76	1.6183	1023.4
1020	5.41	34.93	27.59	50.6	63.4	1489.22	1.6441	1088.6
1100	5.08	35.00	27.69	41.6	54.8	1489.28	1.6914	1222.1
1200	4.77	35.03	27.75	35.9	49.5	1489.69	1.7435	1393.9
1300	4.61	35.04	27.77	33.4	47.7	1490.69	1.7921	1570.7
1400	4.42	35.03	27.79	32.2	46.9	1491.53	1.8396	1752.3
1500	4.20	35.02	27.80	30.7	45.7	1492.25	1.8859	1938.6
1600	4.11	35.02	27.81	29.8	45.4	1493.53	1.9313	2129.4
1700	3.97	35.01	27.82	29.1	45.1	1494.58	1.9762	2324.8
1800	3.83	35.01	27.83	27.7	44.1	1495.65	2.0210	2524.7
1900	3.71	35.01	27.85	26.6	43.3	1496.81	2.0647	2729.0
2000	3.61	35.01	27.86	25.6	42.7	1498.05	2.1077	2937.6

STD STATION NUMBER 006
 SEPTEMBER 12, 1971 14.4 Z
 LATITUDE 20 50
 LONGITUDE 69 06
 DEPTH TO BOTTOM 3590 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.51	36.34	23.25	463.1	463.1	1544.30	.0000	.0
20	28.47	36.41	23.32	456.8	457.6	1544.60	.0921	.9
40	28.43	36.44	23.36	453.3	455.1	1544.86	.1833	3.7
60	27.77	36.47	23.60	430.4	433.0	1543.78	.2721	8.2
80	25.56	36.56	24.37	356.9	360.2	1539.19	.3515	14.5
100	24.52	36.61	24.72	323.0	327.1	1537.09	.4202	22.2
120	23.91	36.58	24.88	307.7	312.6	1535.90	.4842	31.2
140	23.52	36.61	25.02	294.6	300.2	1535.29	.5454	41.5
160	23.34	36.75	25.18	279.5	285.9	1535.28	.6041	53.0
180	22.47	36.84	25.50	249.1	256.2	1533.49	.6583	65.6
200	21.30	36.85	25.84	217.0	224.7	1530.77	.7064	79.3
220	20.13	36.73	26.06	195.5	203.7	1527.85	.7492	93.8
240	19.33	36.66	26.22	180.6	189.3	1525.89	.7885	109.2
260	18.83	36.61	26.31	171.9	181.2	1524.76	.8255	125.4
280	18.48	36.59	26.39	164.9	174.8	1524.06	.8611	142.2
300	18.16	36.55	26.44	160.2	170.7	1523.43	.8957	159.8
340	17.48	36.49	26.51	153.2	164.9	1522.62	.9627	197.0
380	17.19	36.42	26.58	147.0	159.8	1521.75	1.0276	236.8
420	16.73	36.33	26.62	143.1	156.9	1520.93	1.0909	279.1
460	15.96	36.19	26.69	136.2	150.8	1519.08	1.1524	324.0
500	15.24	36.07	26.76	129.4	144.8	1517.37	1.2116	371.3
540	13.95	35.85	26.87	118.8	134.4	1513.65	1.2677	420.9
580	13.13	35.72	26.94	112.2	128.1	1511.46	1.3201	472.7
620	12.21	35.59	27.02	104.3	120.4	1508.86	1.3697	526.5
660	11.27	35.45	27.09	97.7	113.7	1506.09	1.4163	582.2
700	10.36	35.33	27.17	91.0	106.8	1503.38	1.4604	639.7
740	9.85	35.26	27.20	87.7	103.7	1502.10	1.5024	699.0
780	9.03	35.16	27.26	82.2	97.8	1499.63	1.5429	759.9
820	8.44	35.10	27.30	77.8	93.2	1496.00	1.5811	822.4
860	7.75	35.04	27.36	72.3	87.3	1495.96	1.6170	886.4
900	7.31	35.00	27.40	69.2	84.1	1494.86	1.6512	951.7
940	7.36	35.08	27.45	63.9	79.7	1495.81	1.6838	1018.4
980	6.73	35.06	27.52	57.0	72.2	1493.99	1.7144	1086.4
1020	5.94	35.07	27.64	46.4	60.5	1491.53	1.7415	1155.5
1100	5.59	35.06	27.67	42.9	57.4	1491.42	1.7896	1296.8
1200	5.97	35.06	27.74	37.0	51.4	1490.96	1.8440	1478.5
1300	4.73	35.05	27.77	34.0	48.6	1491.19	1.8936	1665.4
1400	4.41	35.05	27.80	30.6	45.3	1491.52	1.9406	1857.2
1500	4.17	35.03	27.81	29.6	44.5	1492.14	1.9857	2053.5
1600	4.00	35.03	27.83	27.9	43.2	1493.08	2.0294	2254.3
1700	3.88	35.02	27.84	27.5	43.2	1494.22	2.0723	2459.3
1800	3.73	35.02	27.85	26.0	42.0	1495.25	2.1149	2668.7
1900	3.61	35.02	27.86	24.9	41.2	1496.40	2.1562	2882.3
2000	3.50	35.02	27.87	23.8	40.5	1497.60	2.1968	3099.9

STD STATION NUMBER 007
 SEPTEMBER 15, 1971 02.2 Z
 LATITUDE 18 10
 LONGITUDE 64 40
 DEPTH TO BOTTOM 0727 M

Z	T	S	SIG1	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.39	35.34	22.54	531.1	531.1	1543.12	.0000	.0
20	28.20	35.74	22.91	496.4	497.2	1543.42	.1028	1.0
40	27.83	36.09	23.29	459.6	461.3	1543.26	.1987	4.0
60	27.38	36.32	23.61	429.1	431.7	1542.80	.2880	8.9
80	26.18	36.54	24.16	376.8	380.1	1540.61	.3692	15.5
100	25.42	36.65	24.48	346.3	350.4	1539.26	.4422	23.6
120	24.11	36.77	24.85	311.2	316.1	1537.52	.5089	33.1
140	23.04	36.81	25.31	266.8	272.4	1534.26	.5677	43.9
160	22.27	36.81	25.53	245.8	252.1	1532.62	.6202	55.8
180	20.66	36.77	25.95	206.2	213.0	1528.67	.6667	68.6
200	19.87	36.72	26.13	189.7	197.1	1526.80	.7077	82.4
220	18.79	36.61	26.32	171.0	178.8	1524.00	.7453	96.9
240	18.48	36.58	26.38	165.6	174.1	1523.41	.7806	112.2
260	18.01	36.51	26.44	159.5	168.6	1522.31	.8148	128.1
280	17.58	36.45	26.50	153.8	163.4	1521.32	.8480	144.7
300	17.37	36.42	26.53	151.1	161.3	1520.99	.8805	162.0
340	16.92	36.34	26.58	146.6	158.0	1520.22	.9447	198.5
380	16.32	36.22	26.63	141.9	154.2	1518.93	1.0071	237.6
420	14.06	35.99	26.76	129.3	142.1	1515.11	1.0666	279.1
460	13.05	35.80	26.83	122.5	135.7	1512.31	1.1224	322.8
500	12.42	35.49	26.91	115.6	128.7	1507.52	1.1754	368.8
540	11.60	35.44	27.03	104.3	117.7	1505.29	1.2237	416.8
580	10.12	35.17	27.08	98.8	111.6	1500.38	1.2704	466.7
620	9.28	35.10	27.17	90.5	103.2	1497.89	1.3135	518.4
660	11.27	35.45	27.09	97.7	113.7	1506.10	1.3557	571.7

STD STATION NUMBER 008
 SEPTEMBER 15, 1971 03.8 Z
 LATITUDE 18 05
 LONGITUDE 64 36
 DEPTH TO BOTTOM 2551 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.27	35.65	22.82	505.0	505.0	1543.17	.0000	.0
20	28.19	35.73	22.90	496.8	497.6	1543.39	.1003	1.0
40	27.88	36.17	23.33	455.4	457.1	1543.44	.1957	4.0
60	26.97	36.53	23.90	401.4	404.0	1542.06	.2818	8.7
80	25.94	36.71	24.36	357.4	360.7	1540.20	.3583	15.1
100	24.97	36.82	24.75	320.9	325.0	1538.34	.4269	23.0
120	24.20	36.96	25.08	288.6	293.5	1536.93	.4887	32.1
140	23.42	36.90	25.27	270.9	276.6	1535.28	.5458	42.5
160	22.51	36.86	25.50	248.7	255.0	1533.28	.5989	53.9
180	21.38	36.82	25.79	221.3	228.3	1530.64	.6472	66.4
200	20.00	36.75	26.11	190.8	198.2	1527.18	.6899	79.8
220	19.02	36.64	26.29	174.4	182.3	1524.68	.7279	94.0
240	18.55	36.58	26.36	167.3	175.8	1523.61	.7638	108.9
260	17.96	36.50	26.45	159.1	168.1	1522.16	.7981	124.5
280	17.57	36.45	26.51	153.6	163.2	1521.29	.8313	140.8
300	17.31	36.41	26.54	150.5	160.6	1520.81	.8637	157.7
340	16.71	36.31	26.61	144.1	155.3	1519.56	.9271	193.6
380	15.94	36.19	26.69	135.7	147.9	1517.74	.9883	231.9
420	14.63	35.94	26.80	126.1	138.7	1514.01	1.0454	272.5
460	13.57	35.79	26.91	115.7	128.7	1511.06	1.0990	315.4
500	12.78	35.68	26.98	108.4	121.9	1508.95	1.1494	360.4
540	12.22	35.58	27.01	105.3	119.3	1507.59	1.1977	407.4
580	11.11	35.42	27.10	97.1	111.0	1504.21	1.2437	456.2
620	10.24	35.29	27.16	91.9	105.8	1501.61	1.2870	506.8
660	9.32	35.17	27.22	86.0	99.6	1498.77	1.3278	559.1
700	8.40	35.06	27.28	80.2	93.3	1495.86	1.3663	613.0
740	8.08	35.03	27.31	77.7	91.2	1495.26	1.4030	668.4
780	7.67	35.01	27.35	73.4	86.9	1494.32	1.4385	725.2
820	6.99	34.98	27.42	66.4	79.5	1492.30	1.4718	783.4
860	6.68	34.98	27.47	62.3	75.6	1491.74	1.5027	842.9
900	6.35	34.99	27.52	57.4	70.6	1491.10	1.5319	903.6
940	6.13	35.00	27.56	53.9	67.3	1490.90	1.5597	965.5
980	5.62	35.00	27.62	47.8	60.7	1489.51	1.5853	1028.4
1020	5.50	35.03	27.66	44.1	57.3	1489.72	1.6091	1092.3
1100	4.85	34.98	27.70	40.5	53.2	1488.32	1.6526	1222.8
1200	4.60	34.98	27.73	37.8	50.9	1488.93	1.7041	1390.6
1300	4.49	35.00	27.75	35.2	49.0	1490.14	1.7540	1563.5
1400	4.25	34.99	27.77	33.4	47.6	1490.78	1.8024	1741.4
1500	4.18	35.00	27.79	32.0	46.9	1492.14	1.8501	1924.0
1600	4.12	35.00	27.79	31.4	47.0	1493.54	1.8974	2111.4
1700	4.04	35.00	27.80	30.6	46.8	1494.86	1.9439	2303.4
1800	3.89	35.01	27.83	28.3	44.9	1495.91	1.9898	2500.2
1900	3.82	35.01	27.83	27.6	44.8	1497.27	2.0345	2701.4
2000	3.82	35.01	27.83	27.6	45.6	1498.93	2.0798	2907.1

STD STATION NUMBER 009
 SEPTEMBER 16, 1971 06.27
 LATITUDE 17 20
 LONGITUDE 62 59
 DEPTH TO BOTTOM 0905 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.49	34.31	21.74	608.2	608.3	1542.23	.0000	.0
20	28.49	34.60	21.95	587.4	588.2	1542.88	.1196	1.2
40	28.00	35.20	22.57	528.9	530.5	1542.78	.2315	4.7
60	26.07	35.97	23.48	441.7	444.2	1541.57	.3290	10.3
80	25.62	36.45	24.27	366.6	369.9	1539.23	.4104	17.7
100	24.60	36.68	24.75	320.2	324.3	1537.34	.4798	26.6
120	23.73	36.82	25.12	285.4	290.2	1535.66	.5413	36.8
140	22.74	36.90	25.47	252.1	257.7	1533.58	.5961	48.2
160	21.69	36.84	25.72	228.1	234.3	1531.15	.6453	60.6
180	20.17	36.69	26.02	199.4	206.1	1527.27	.6893	74.0
200	18.96	36.58	26.26	177.3	184.5	1524.13	.7284	88.1
220	18.27	36.52	26.39	165.0	172.7	1522.43	.7641	103.1
240	17.27	36.47	26.45	159.1	167.4	1521.54	.7981	118.7
260	17.54	36.43	26.50	154.3	163.2	1520.86	.8312	135.0
280	17.24	36.37	26.52	151.8	161.2	1520.24	.8636	151.9
300	16.79	36.30	26.58	146.6	156.6	1519.14	.8954	169.5
340	15.45	36.03	26.68	136.8	147.4	1515.41	.9564	206.6
380	14.07	35.77	26.78	127.1	138.1	1511.38	1.0137	246.0
420	12.79	35.58	26.90	115.9	127.3	1507.58	1.0668	287.6
460	13.57	35.79	26.91	115.7	128.7	1511.06	1.1173	331.3

STD STATION NUMBER 010
 SEPTEMBER 16, 1971 09.6 7
 LATITUDE 17 03
 LONGITUDE 63 01
 DEPTH TO BOTTOM 0878 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.33	34.00	21.56	625.5	625.5	1541.52	.0000	.0
20	28.39	34.83	22.16	567.7	568.6	1542.92	.1194	1.2
40	28.18	35.26	22.55	530.2	531.9	1543.24	.2294	4.7
60	27.53	35.73	23.12	476.2	478.7	1542.60	.3305	10.3
80	26.91	36.10	23.60	430.5	433.8	1541.88	.4218	17.8
100	25.57	36.49	24.31	362.2	366.4	1539.48	.5018	27.0
120	24.37	36.72	24.85	310.8	315.7	1537.14	.5700	37.8
140	22.90	36.82	25.36	262.3	267.8	1533.91	.6283	49.7
160	21.61	36.80	25.71	228.8	235.0	1530.90	.6786	62.8
180	20.43	36.72	25.98	203.9	210.6	1528.01	.7232	76.8
200	19.39	36.61	26.17	185.7	192.9	1525.37	.7635	91.7
220	18.81	36.54	26.26	176.5	184.4	1523.99	.8013	107.3
240	18.34	36.48	26.34	169.5	178.0	1522.91	.8375	123.7
260	17.83	36.42	26.42	161.8	170.8	1521.70	.8724	140.8
280	17.37	36.36	26.49	155.5	165.0	1520.61	.9060	158.6
300	16.93	36.29	26.54	150.5	160.5	1519.55	.9385	177.1
340	15.36	35.97	26.66	139.3	149.8	1515.06	1.0009	215.9
380	13.76	35.68	26.78	127.5	138.3	1510.27	1.0582	257.0
420	12.77	35.50	26.84	121.4	132.7	1507.42	1.1127	300.5
460	11.50	35.33	26.94	112.4	123.8	1503.87	1.1637	346.0
500	10.50	35.14	26.98	109.0	120.5	1500.77	1.2123	393.5
540	9.57	35.03	27.07	100.3	111.6	1497.57	1.2586	443.0
580	9.16	35.01	27.12	95.3	107.0	1496.68	1.3025	494.2
620	8.53	34.94	27.17	91.0	102.7	1494.89	1.3446	547.1
660	7.99	34.86	27.19	89.1	100.8	1493.40	1.3855	601.7
700	7.63	34.83	27.22	86.2	98.2	1492.63	1.4250	657.9
740	7.01	34.76	27.25	83.1	94.7	1490.79	1.4636	715.7
780	6.56	34.75	27.30	78.0	89.6	1489.66	1.5004	775.0

STD STATION NUMBER 011
 SEPTEMBER 16, 1971 13.2 7
 LATITUDE 16 39
 LONGITUDE 62 57
 DEPTH TO BOTTOM 1239 M

Z	T	S	SIGT	TANOM	SVA	SVEI	SYNHGT	TRANS
0	28.05	34.01	21.66	616.0	616.0	1540.92	.0000	.0
20	28.00	34.26	21.86	596.4	597.3	1541.43	.1213	1.2
40	27.71	34.57	22.12	571.3	573.0	1541.91	.2383	4.8
60	27.53	35.45	22.91	496.3	498.8	1542.33	.3455	10.6
80	26.89	36.05	23.56	433.5	436.8	1541.79	.4391	18.5
100	25.88	36.36	24.12	380.8	384.9	1540.08	.5213	28.1
120	25.06	36.57	24.53	341.5	346.4	1538.67	.5944	39.3
140	23.94	36.75	25.00	296.3	302.0	1536.44	.6592	51.8
160	22.96	36.82	25.34	263.9	270.3	1534.39	.7165	65.5
180	21.60	36.84	25.75	225.7	232.7	1531.23	.7668	80.4
200	20.40	36.76	26.01	200.2	207.7	1528.28	.8108	96.2
220	19.20	36.65	26.25	178.1	186.0	1525.19	.8502	112.8
240	18.41	36.53	26.36	167.6	176.1	1523.16	.8864	130.1
260	17.85	36.46	26.44	159.4	168.4	1521.80	.9208	148.2
280	17.27	36.35	26.50	153.9	163.4	1520.30	.9540	167.0
300	16.54	36.21	26.57	147.5	157.4	1518.30	.9861	186.4
340	15.09	35.95	26.70	135.0	145.4	1514.19	1.0467	227.0
380	14.14	35.79	26.79	127.1	138.1	1511.62	1.1035	270.0
420	12.82	35.56	26.88	118.0	129.3	1507.66	1.1567	315.2
460	11.57	35.33	26.95	111.9	123.2	1503.77	1.2071	362.5
500	10.76	35.21	27.00	106.6	118.2	1501.43	1.2552	411.8
540	9.63	35.06	27.08	99.0	110.4	1497.82	1.3008	462.9
580	8.84	34.98	27.15	92.7	104.0	1495.46	1.3436	515.8
620	7.93	34.87	27.20	87.5	98.5	1492.53	1.3840	570.4
660	7.60	34.85	27.24	84.3	95.6	1491.89	1.4228	626.5
700	7.06	34.77	27.25	83.0	94.1	1490.35	1.4607	684.2
740	6.45	34.72	27.29	78.8	89.6	1488.54	1.4974	743.3
780	6.21	34.72	27.33	75.8	86.8	1488.23	1.5327	803.9
820	5.99	34.73	27.36	72.4	83.6	1488.02	1.5669	865.9
860	5.79	34.74	27.40	69.2	80.6	1487.88	1.5996	929.3
900	5.63	34.78	27.45	64.3	76.0	1487.95	1.6310	993.9
940	5.50	34.82	27.49	59.8	71.8	1488.13	1.6605	1059.7
980	5.40	34.88	27.55	54.2	66.5	1488.46	1.6882	1126.7
1020	5.18	34.91	27.60	49.4	61.8	1488.26	1.7138	1194.7
1100	4.85	34.98	27.70	40.5	53.2	1488.32	1.7604	1333.7

STD STATION NUMBER, 012
 SEPTEMBER 16, 1971 15.6 Z
 LATITUDE 16 14
 LONGITUDE 62 57
 DEPTH TO BOTTOM 1286 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.99	34.20	21.82	600.4	600.4	1541.01	.0000	.0
20	27.86	34.63	22.18	565.5	566.3	1541.54	.1167	1.2
40	27.66	35.02	22.54	531.2	532.9	1541.85	.2266	4.6
60	27.23	35.71	23.20	468.3	470.8	1541.91	.3270	10.1
80	26.65	36.15	23.72	419.0	422.3	1541.34	.4163	17.6
100	26.16	36.33	24.01	391.3	395.4	1540.70	.4981	26.7
120	25.62	36.47	24.28	365.1	370.1	1539.90	.5746	37.4
140	25.00	36.68	24.63	331.8	337.6	1538.94	.6454	49.6
160	24.43	36.79	24.89	307.4	314.0	1537.99	.7105	63.2
180	22.77	36.73	25.33	265.2	272.3	1534.15	.7692	78.0
200	20.76	36.74	25.90	210.9	218.5	1529.24	.8182	93.9
220	19.70	36.68	26.14	188.3	196.4	1526.62	.8597	110.6
240	18.74	36.54	26.28	174.8	183.4	1524.11	.8977	128.2
260	18.09	36.47	26.39	164.3	173.4	1522.50	.9334	146.5
280	17.59	36.40	26.46	157.7	167.3	1521.30	.9674	165.5
300	16.97	36.29	26.53	151.4	161.4	1519.67	1.0003	185.2
340	15.67	36.06	26.66	139.3	150.0	1516.12	1.0622	226.5
380	13.85	35.72	26.79	126.3	137.2	1510.60	1.1197	270.1
420	12.99	35.58	26.86	119.8	131.2	1508.25	1.1731	316.0
460	11.27	35.26	26.95	111.7	122.8	1502.64	1.2242	364.0
500	10.02	35.07	27.02	104.6	115.5	1498.61	1.2717	413.9
540	9.33	34.90	27.08	99.5	110.5	1496.64	1.3165	465.6
580	8.55	34.89	27.12	95.0	106.0	1494.26	1.3597	519.2
620	8.35	34.94	27.19	88.3	99.9	1494.22	1.4010	574.4
660	7.96	34.88	27.21	87.2	98.9	1493.31	1.4410	631.2
700	7.24	34.82	27.26	81.7	93.1	1491.11	1.4795	689.7
740	6.82	34.78	27.29	79.1	90.5	1490.07	1.5162	749.6
780	6.51	34.77	27.33	75.8	87.4	1489.49	1.5518	810.9
820	6.25	34.78	27.37	71.8	83.5	1489.12	1.5861	873.7
860	6.01	34.77	27.39	69.6	81.4	1488.81	1.6192	937.8
900	5.75	34.81	27.46	63.5	75.4	1488.47	1.6506	1003.2
940	5.53	34.85	27.51	57.9	70.0	1488.29	1.6797	1069.8
980	5.34	34.87	27.55	54.2	66.4	1488.20	1.7069	1137.6
1020	5.12	34.88	27.59	51.0	63.2	1487.97	1.7328	1206.3
1100	4.74	34.92	27.66	43.8	56.1	1487.78	1.7799	1346.9

STD STATION NUMBER 013
 SEPTEMBER 16, 1971 18.8 Z
 LATITUDE 16 03
 LONGITUDE 63 01
 DEPTH TO BOTTOM 2076 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	28.10	34.01	21.64	617.5	617.5	1541.03	.0000	.0
20	27.83	34.98	22.46	539.4	540.2	1541.86	.1158	1.2
40	27.65	35.35	22.79	507.2	508.8	1542.17	.2207	4.5
60	27.00	35.96	23.46	443.3	445.8	1541.63	.3161	9.9
80	26.63	36.15	23.72	418.4	421.7	1541.29	.4029	17.1
100	26.29	36.28	23.93	398.8	402.9	1540.96	.4854	26.0
120	25.92	36.40	24.13	379.1	384.1	1540.54	.5641	36.5
140	25.43	36.54	24.39	354.5	360.3	1539.84	.6385	48.5
160	24.65	36.74	24.78	317.4	323.9	1538.48	.7069	61.9
180	22.93	36.76	25.31	267.4	274.6	1534.58	.7668	76.7
200	21.40	36.76	25.74	226.2	233.9	1530.96	.8176	92.5
220	20.38	36.73	26.00	201.9	210.1	1528.53	.8620	109.3
240	19.43	36.63	26.17	185.2	193.9	1526.14	.9024	127.0
260	18.48	36.53	26.34	169.3	178.5	1523.68	.9397	145.4
280	17.77	36.42	26.43	160.4	170.1	1521.85	.9745	164.5
300	17.35	36.38	26.51	153.6	163.7	1520.89	1.0079	184.3
340	16.04	36.08	26.59	145.9	156.8	1517.28	1.0721	226.0
380	14.83	35.92	26.74	131.7	143.2	1513.98	1.1316	270.0
420	13.05	35.57	26.84	121.7	133.1	1508.44	1.1867	316.4
460	11.74	35.39	26.96	110.5	122.0	1504.43	1.2375	364.9
500	10.99	35.27	27.01	106.1	117.9	1502.31	1.2855	415.4
540	10.12	35.14	27.06	101.0	112.9	1499.70	1.3316	467.7
580	9.30	35.05	27.13	94.5	106.4	1497.25	1.3755	521.9
620	8.59	34.95	27.16	91.1	103.0	1495.13	1.4175	577.7
660	7.69	34.83	27.21	87.1	98.4	1492.21	1.4580	635.3
700	7.08	34.77	27.25	83.2	94.4	1490.42	1.4966	694.3
740	6.70	34.76	27.29	79.0	90.2	1489.57	1.5330	754.9
780	6.35	34.74	27.32	76.1	87.3	1488.82	1.5685	817.0
820	6.10	34.75	27.36	72.2	83.6	1488.49	1.6027	880.4
860	5.95	34.75	27.40	69.2	80.7	1488.14	1.6357	945.2
900	5.69	34.80	27.45	63.6	75.3	1488.22	1.6668	1011.2
940	5.52	34.84	27.51	58.6	70.6	1488.24	1.6960	1078.5
980	5.30	34.86	27.55	54.5	66.6	1488.03	1.7234	1146.9
1020	5.04	34.89	27.60	49.4	61.4	1487.66	1.7490	1216.3
1100	4.68	34.93	27.68	42.4	54.6	1487.55	1.7950	1358.1
1200	4.43	34.95	27.72	38.3	50.9	1488.18	1.8474	1540.3
1300	4.30	34.96	27.74	36.2	49.5	1489.30	1.8973	1727.5
1400	4.23	34.97	27.76	34.7	48.8	1490.66	1.9464	1919.7
1500	4.18	34.97	27.76	34.2	49.1	1492.10	1.9953	2116.8
1600	4.15	34.97	27.77	33.9	49.6	1493.62	2.0447	2318.8
1700	4.12	34.97	27.77	33.6	50.1	1495.15	2.0944	2525.8
1800	4.12	34.98	27.78	32.9	50.3	1496.82	2.1443	2737.7

STD STATION NUMBER 014
 SEPTEMBER 16, 1971 23.3 Z
 LATITUDE 15 29
 LONGITUDE 63 00
 DEPTH TO BOTTOM 2171 M

Z	T	S	SIGT	TANOM	SVA	SVEI	DYNHGT	TRANS
0	28.00	34.04	21.70	612.3	612.3	1540.84	.0000	.0
20	28.11	34.71	22.16	567.5	568.4	1542.18	.1181	1.2
40	27.75	35.12	22.59	526.8	528.5	1542.15	.2277	4.6
60	26.95	35.96	23.48	441.8	444.3	1541.52	.3250	10.2
80	26.39	36.19	23.83	408.3	411.6	1540.78	.4106	17.5
100	25.96	36.36	24.09	383.1	387.3	1540.27	.4905	26.5
120	25.69	36.49	24.27	365.8	370.7	1540.08	.5663	37.1
140	25.36	36.58	24.44	349.6	355.3	1539.71	.6389	49.2
160	24.43	36.69	24.69	326.2	332.7	1538.87	.7077	62.6
180	23.79	36.83	25.11	286.3	293.6	1536.79	.7704	77.4
200	22.64	36.96	25.54	245.0	253.0	1534.34	.8250	93.4
220	18.74	36.51	26.26	177.0	184.8	1523.76	.8688	110.3
240	18.67	36.50	26.27	176.0	184.5	1523.88	.9057	128.0
260	18.71	36.51	26.27	176.3	185.5	1524.32	.9427	146.5
280	17.90	36.41	26.39	164.2	173.9	1522.22	.9787	165.7
300	17.22	36.32	26.49	154.9	165.0	1520.45	1.0126	185.6
340	15.89	36.08	26.62	142.7	153.5	1516.82	1.0761	227.4
380	14.24	35.77	26.75	130.5	141.6	1511.93	1.1351	271.7
420	13.00	35.56	26.84	121.4	132.8	1508.26	1.1900	318.2
460	12.11	35.44	26.93	113.5	125.3	1505.76	1.2412	366.8
500	11.02	35.29	27.02	105.1	117.0	1502.44	1.2894	417.4
540	9.96	35.13	27.08	99.1	110.9	1499.11	1.3349	469.9
580	9.19	35.04	27.14	93.6	105.3	1496.83	1.3780	524.2
620	8.34	34.93	27.19	88.9	100.5	1494.17	1.4192	580.1
660	7.60	34.84	27.23	85.1	96.3	1491.88	1.4588	637.7
700	7.10	34.81	27.28	80.5	91.8	1490.56	1.4964	696.8
740	6.46	34.75	27.32	76.7	87.6	1488.62	1.5323	757.4
780	6.14	34.75	27.36	72.7	83.6	1488.00	1.5664	819.4
820	5.96	34.76	27.40	68.6	79.6	1487.54	1.5991	882.7
860	5.57	34.81	27.48	61.4	72.5	1487.10	1.6297	947.3
900	5.48	34.83	27.50	58.9	70.3	1487.41	1.6585	1013.0
940	5.25	34.86	27.56	54.0	65.5	1487.17	1.6855	1079.9
980	5.09	34.89	27.60	49.9	61.6	1487.21	1.7109	1147.8
1020	4.82	34.92	27.65	44.7	56.3	1486.80	1.7345	1216.8
1100	4.57	34.94	27.70	40.5	52.4	1487.11	1.7777	1357.3
1200	4.36	34.96	27.74	36.8	49.3	1487.91	1.8284	1537.6
1300	4.27	34.96	27.75	35.9	49.1	1489.17	1.8776	1722.9
1400	4.21	34.97	27.76	34.5	48.5	1490.58	1.9262	1913.1
1500	4.15	34.97	27.77	33.9	48.7	1491.98	1.9748	2108.1
1600	4.13	34.97	27.77	33.7	49.3	1493.54	2.0237	2308.1
1700	4.12	34.97	27.77	33.6	50.1	1495.15	2.0735	2512.9
1800	4.10	34.98	27.78	32.7	50.0	1496.74	2.1238	2722.8
1900	4.10	34.98	27.78	32.7	50.9	1498.39	2.1743	2937.7
2000	4.10	34.98	27.78	32.7	51.8	1500.05	2.2256	3157.7

STD STATION NUMBER 015
 SEPTEMBER 18, 1971 10.8 Z
 LATITUDE 11 45
 LONGITUDE 63 02
 DEPTH TO BOTTOM 700 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.72	34.35	22.02	581.2	581.2	1540.59	.0000	.0
20	27.24	35.49	23.03	484.5	485.3	1541.07	.1067	1.1
40	26.02	36.25	23.99	392.8	394.5	1539.34	.1946	4.1
60	25.53	36.44	24.29	364.6	367.1	1538.69	.2708	8.7
80	24.26	36.52	24.73	322.0	325.3	1536.06	.3400	14.8
100	21.86	36.58	25.48	251.4	255.3	1530.40	.3981	22.2
120	20.49	36.59	25.86	214.8	219.3	1527.09	.4455	30.7
140	19.09	36.51	26.17	185.5	190.6	1523.47	.4865	40.0
160	18.54	36.45	26.26	176.5	182.2	1522.18	.5238	50.1
180	17.95	36.36	26.34	169.0	175.2	1520.71	.5596	60.9
200	17.26	36.28	26.45	158.8	165.5	1518.92	.5936	72.4
220	16.09	36.09	26.58	146.3	153.4	1515.52	.6255	84.6
240	15.17	35.93	26.67	138.1	145.5	1512.82	.6554	97.5
260	14.56	35.81	26.71	134.2	141.9	1511.07	.6842	110.8
280	14.13	35.75	26.76	129.8	137.9	1509.94	.7121	124.8
300	13.31	35.56	26.78	127.4	135.7	1507.37	.7395	139.3
340	11.52	35.30	26.93	113.2	121.6	1501.63	.7902	169.9
380	10.42	35.13	27.00	106.7	115.3	1498.19	.8376	202.5
420	9.35	34.96	27.05	102.0	110.6	1494.74	.8827	236.9
460	8.23	34.84	27.13	94.0	102.5	1491.06	.9252	273.1
500	7.64	34.78	27.17	90.1	98.7	1489.37	.9654	310.9
540	7.06	34.72	27.21	86.7	95.3	1487.70	1.0042	350.3
580	6.75	34.69	27.23	84.9	93.7	1487.09	1.0419	391.2
620	6.37	34.68	27.27	80.8	89.8	1486.23	1.0785	433.6

STD STATION NUMBER 016
 SEPTEMBER 18, 1971 13.7 7
 LATITUDE 12 03
 LONGITUDE 63 00
 DEPTH TO BOTTOM 2348 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.74	34.12	21.84	598.4	598.4	1540.36	.0000	.0
20	27.08	35.10	22.79	507.6	508.4	1540.32	.1107	1.1
40	26.29	36.17	23.85	406.7	408.4	1539.89	.2024	4.2
60	25.97	36.32	24.06	386.3	388.8	1539.61	.2821	9.1
80	25.36	36.45	24.35	358.9	362.2	1538.63	.3572	15.5
100	23.55	36.67	25.06	291.1	295.2	1534.77	.4229	23.3
120	22.83	36.73	25.31	266.8	271.6	1533.34	.4796	32.3
140	21.02	36.61	25.73	227.1	232.4	1528.85	.5300	42.4
160	19.46	36.46	26.03	198.3	204.1	1524.78	.5736	53.4
180	18.37	36.36	26.24	179.0	185.3	1521.92	.6126	65.3
200	17.83	36.30	26.33	170.5	177.4	1520.62	.6488	77.9
220	17.23	36.24	26.43	161.0	168.4	1519.11	.6834	91.2
240	16.36	36.07	26.50	153.7	161.5	1516.65	.7164	105.2
260	15.47	35.93	26.60	144.5	152.6	1514.08	.7478	119.9
280	14.74	35.80	26.66	138.6	147.0	1511.96	.7778	135.1
300	13.92	35.67	26.74	131.4	140.0	1509.49	.8065	151.0
340	12.24	35.37	26.85	121.1	129.9	1504.19	.8604	184.3
380	10.56	35.09	26.94	112.0	120.7	1498.64	.9104	219.7
420	9.94	35.00	26.98	108.4	117.5	1496.94	.9579	257.1
460	9.39	34.94	27.03	104.1	113.6	1495.51	1.0040	296.4
500	8.75	34.87	27.08	99.5	109.1	1493.69	1.0486	337.4
540	7.98	34.77	27.13	94.2	103.7	1490.92	1.0914	380.2
580	7.37	34.71	27.16	91.6	101.2	1489.53	1.1325	424.7
620	6.58	34.66	27.23	84.9	94.1	1487.03	1.1714	470.8
660	5.99	34.64	27.29	79.1	88.1	1485.31	1.2080	518.4
700	5.77	34.68	27.35	73.5	82.7	1485.13	1.2422	567.4
740	5.64	34.72	27.40	69.0	78.5	1485.31	1.2743	617.7
780	5.49	34.77	27.46	63.5	73.4	1485.42	1.3045	669.3
820	5.35	34.82	27.51	58.1	68.3	1485.58	1.3330	722.1
860	5.27	34.84	27.54	55.7	66.3	1485.93	1.3600	775.9
900	5.08	34.88	27.59	50.6	61.3	1485.86	1.3854	830.8
940	4.94	34.90	27.62	47.5	58.5	1485.97	1.4095	886.7
980	4.85	34.91	27.64	45.8	57.0	1486.27	1.4327	943.6
1020	4.72	34.92	27.67	43.6	55.0	1486.40	1.4550	1001.3
1100	4.49	34.94	27.71	39.7	51.4	1486.79	1.4974	1119.5
1200	4.37	34.95	27.73	37.7	50.1	1487.94	1.5477	1271.7
1300	4.27	34.96	27.75	35.9	49.1	1489.18	1.5973	1429.0
1400	4.22	34.96	27.75	35.4	49.4	1490.61	1.6462	1591.2
1500	4.17	34.96	27.76	34.9	49.7	1492.05	1.6957	1758.3
1600	4.14	34.97	27.77	33.8	49.5	1493.59	1.7452	1930.3
1700	4.12	34.97	27.77	33.6	50.1	1495.16	1.7950	2107.3
1800	4.10	34.97	27.77	33.4	50.7	1496.73	1.8453	2289.3
1900	4.11	34.97	27.77	33.5	51.8	1498.42	1.8965	2476.4
2000	4.11	34.98	27.78	32.8	51.9	1500.10	1.9482	2668.6

STD STATION NUMBER 017
 SEPTEMBER 18, 1971 17.4 Z
 LATITUDE 12 30
 LONGITUDE 63 00
 DEPTH TO BOTTOM 2900 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.93	34.03	21.71	610.8	610.8	1540.68	.0000	.0
20	27.88	34.20	21.85	597.0	597.8	1541.09	.1209	1.2
40	27.51	34.79	22.42	543.1	544.7	1541.27	.2351	4.8
60	26.63	35.93	23.56	434.2	436.7	1540.77	.3333	10.5
80	25.29	36.37	24.31	362.6	365.9	1538.39	.4135	17.9
100	24.29	36.65	24.82	313.5	317.6	1536.56	.4819	26.9
120	22.35	36.78	25.49	250.1	254.9	1532.16	.5391	37.1
140	20.86	36.60	25.77	223.6	228.9	1528.42	.5875	48.3
160	19.56	36.54	26.07	194.9	200.8	1525.14	.6305	60.5
180	18.04	36.31	26.28	174.8	181.0	1520.92	.6686	73.5
200	16.23	36.11	26.56	147.9	154.4	1515.65	.7022	87.2
220	16.54	36.15	26.52	151.9	159.1	1516.95	.7335	101.6
240	15.32	35.93	26.63	141.3	148.8	1513.29	.7643	116.6
260	14.47	35.78	26.71	134.5	142.2	1510.75	.7934	132.1
280	13.42	35.67	26.76	129.4	137.4	1508.85	.8214	148.3
300	13.14	35.54	26.80	125.6	133.8	1506.78	.8485	165.0
340	11.78	35.33	26.91	115.6	124.2	1502.57	.8998	200.0
380	10.38	35.10	26.98	108.3	116.9	1498.01	.9482	236.9
420	9.26	34.95	27.06	101.3	109.9	1494.40	.9935	275.8
460	8.45	34.85	27.11	96.5	105.1	1491.90	1.0366	316.4
500	7.73	34.77	27.15	92.1	100.8	1489.70	1.0777	358.7
540	6.86	34.69	27.21	86.3	94.7	1486.88	1.1168	402.6
580	6.46	34.68	27.26	81.9	90.4	1485.94	1.1536	448.0
620	6.24	34.67	27.28	79.9	88.7	1485.70	1.1896	494.8
660	6.00	34.67	27.31	77.0	86.0	1485.39	1.2245	543.1
700	5.89	34.69	27.34	74.2	83.6	1485.62	1.2584	592.8
740	5.65	34.72	27.40	69.1	78.7	1485.35	1.2908	643.8
780	5.51	34.78	27.46	62.9	72.9	1485.52	1.3210	696.0
820	5.34	34.83	27.52	57.2	67.4	1485.55	1.3493	749.4
860	5.22	34.86	27.56	53.6	64.1	1485.75	1.3755	803.9
900	5.11	34.88	27.59	50.9	61.7	1485.98	1.4005	859.5
940	4.96	34.90	27.62	47.7	58.7	1486.05	1.4246	916.0
980	4.83	34.91	27.64	45.6	56.7	1486.18	1.4477	973.4
1020	4.72	34.93	27.67	42.9	54.3	1486.41	1.4698	1031.8
1100	4.53	34.94	27.70	40.1	51.9	1486.95	1.5125	1151.1
1200	4.40	34.96	27.73	37.2	49.8	1488.08	1.5633	1304.9
1300	4.29	34.96	27.74	36.1	49.3	1489.26	1.6130	1463.7
1400	4.24	34.97	27.76	34.8	48.9	1490.71	1.6619	1627.4
1500	4.17	34.97	27.77	34.1	48.9	1492.06	1.7108	1796.1
1600	4.13	34.97	27.77	33.7	49.3	1493.55	1.7598	1969.6
1700	4.12	34.97	27.77	33.6	50.1	1495.15	1.8095	2148.1
1800	4.12	34.98	27.78	32.9	50.3	1496.82	1.8595	2331.5
1900	4.11	34.98	27.78	32.8	51.0	1498.44	1.9101	2520.0
2000	4.11	34.98	27.78	32.8	51.9	1500.10	1.9617	2713.6

STD STATION NUMBER 018
 SEPTEMBER 18, 1971 21.6 °
 LATITUDE 13 02
 LONGITUDE 63 01
 DEPTH TO BOTTOM 1575 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.94	34.01	21.69	612.5	612.5	1540.67	.0000	.0
20	27.90	34.15	21.81	601.2	602.0	1541.08	.1215	1.2
40	27.63	34.73	22.33	551.1	552.8	1541.47	.2369	4.8
60	26.89	35.52	23.17	471.6	474.1	1540.96	.3396	10.6
80	25.62	36.30	24.15	377.4	380.7	1539.10	.4251	18.2
100	24.70	36.58	24.80	316.0	320.0	1536.29	.4952	27.4
120	21.69	36.65	25.58	241.8	246.4	1530.34	.5518	37.9
140	19.07	36.52	26.18	184.3	189.4	1523.42	.5954	49.4
160	17.55	36.29	26.39	164.7	170.2	1519.15	.6313	61.6
180	16.12	36.05	26.54	149.9	155.7	1514.93	.6639	74.6
200	15.30	35.96	26.66	138.7	144.9	1512.61	.6940	88.2
220	14.84	35.85	26.68	137.1	143.7	1511.37	.7229	102.3
240	13.61	35.60	26.75	130.4	137.2	1507.44	.7509	117.1
260	12.63	35.48	26.86	120.3	127.2	1504.36	.7774	132.3
280	12.35	35.47	26.90	115.8	123.1	1503.72	.8024	148.1
300	11.83	35.37	26.93	113.6	121.2	1502.15	.8268	164.4
340	10.80	35.24	27.02	105.0	113.0	1499.04	.8740	198.5
380	10.15	35.13	27.05	102.3	110.7	1497.22	.9192	234.3
420	9.49	35.04	27.09	98.3	107.1	1495.36	.9627	272.0
460	8.97	34.97	27.12	95.4	104.5	1494.00	1.0049	311.3
500	8.33	34.89	27.16	91.8	101.1	1492.14	1.0461	352.3
540	7.61	34.79	27.19	88.0	98.2	1489.92	1.0860	395.0
580	7.20	34.77	27.23	84.8	94.3	1488.95	1.1244	439.2
620	6.93	34.75	27.25	82.8	92.5	1488.52	1.1618	484.9
660	6.67	34.73	27.27	80.9	90.8	1488.12	1.1985	532.1
700	6.25	34.70	27.30	77.8	87.7	1487.07	1.2343	580.8
740	5.97	34.72	27.36	72.9	83.0	1486.63	1.2683	630.9
780	5.81	34.75	27.40	68.7	79.1	1486.68	1.3008	682.2
820	5.54	34.77	27.45	64.0	74.5	1486.27	1.3318	734.9
860	5.45	34.81	27.49	60.0	70.9	1486.62	1.3608	788.8
900	5.29	34.85	27.54	55.2	66.3	1486.67	1.3882	843.7
940	5.18	34.87	27.57	52.4	63.8	1486.91	1.4142	899.8
980	4.99	34.90	27.62	48.1	59.6	1486.82	1.4390	956.9
1020	4.83	34.92	27.65	44.8	56.4	1486.85	1.4622	1014.9
1100	4.59	34.94	27.70	40.7	52.7	1487.20	1.5057	1133.6
1200	4.40	34.96	27.73	37.2	49.8	1488.08	1.5568	1286.8
1300	4.30	34.97	27.75	35.4	48.7	1489.32	1.6060	1444.9
1400	4.22	34.97	27.76	34.6	48.6	1490.63	1.6548	1608.0

STD STATION NUMBER 019
 SEPTEMBER 19, 1971 01.1 7
 LATITUDE 13 33
 LONGITUDE 62 57
 DEPTH TO BOTTOM 1165 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.09	34.05	21.71	611.2	611.2	1540.83	.0000	.0
20	27.95	34.12	21.77	604.9	605.8	1541.15	.1217	1.2
40	27.67	34.64	22.25	558.8	560.5	1541.46	.2383	4.8
60	26.62	35.71	23.39	449.7	452.2	1540.54	.3396	10.6
80	25.00	36.21	24.28	365.7	368.9	1537.56	.4217	18.2
100	22.74	36.67	25.29	268.7	272.6	1532.74	.4859	27.3
120	21.14	36.63	25.71	228.7	233.3	1528.87	.5365	37.5
140	19.36	36.46	26.06	195.8	200.9	1524.18	.5799	48.7
160	17.41	36.20	26.35	168.0	173.5	1518.64	.6173	60.6
180	16.42	36.11	26.52	152.1	158.0	1515.91	.6505	73.3
200	15.52	35.93	26.59	145.6	151.9	1513.27	.6814	86.6
220	14.51	35.76	26.68	136.8	143.3	1510.21	.7110	100.6
240	13.47	35.57	26.76	129.8	136.5	1506.94	.7390	115.1
260	12.49	35.42	26.84	122.0	128.9	1503.82	.7655	130.1
280	11.87	35.33	26.89	117.2	124.3	1501.92	.7908	145.7
300	11.32	35.25	26.93	113.3	120.6	1500.23	.8153	161.7
340	10.25	35.10	27.01	106.1	113.7	1496.90	.8623	195.3
380	9.52	35.00	27.05	101.7	109.7	1494.77	.9072	230.7
420	9.18	35.01	27.12	95.6	104.2	1494.18	.9502	267.8
460	8.43	34.88	27.13	94.0	102.6	1491.86	.9919	306.7
500	8.11	34.84	27.15	92.3	101.3	1491.25	1.0328	347.2
540	7.90	34.81	27.17	90.1	99.5	1490.67	1.0729	389.3
580	7.49	34.78	27.20	88.0	97.8	1490.09	1.1125	433.0
620	6.98	34.73	27.23	84.9	94.7	1488.69	1.1509	478.3
660	6.45	34.69	27.27	81.1	90.7	1487.20	1.1880	525.1
700	6.12	34.69	27.31	77.0	86.7	1486.54	1.2235	573.3
740	5.93	34.70	27.35	73.9	83.9	1486.45	1.2578	622.9
780	5.77	34.72	27.38	70.5	80.8	1486.48	1.2908	673.9
820	5.60	34.78	27.45	64.0	74.6	1486.53	1.3221	726.2
860	5.41	34.82	27.51	58.8	69.6	1486.47	1.3510	779.6
900	5.24	34.85	27.55	54.6	65.6	1486.47	1.3780	834.2
940	5.04	34.89	27.60	49.4	60.5	1486.36	1.4034	889.8
980	4.88	34.92	27.65	45.4	56.6	1486.40	1.4268	946.5
1020	4.74	34.93	27.67	43.1	54.5	1486.49	1.4490	1004.0
1100	4.59	34.94	27.70	40.7	52.7	1487.20	1.5057	1133.6

STD STATION NUMBER 020
 SEPTEMBER 19, 1971 04.6 Z
 LATITUDE 14 03
 LONGITUDE 63 02
 DEPTH TO BOTTOM 1332 M

Z	T	S	SIGT	TANOM	SVA	SVEL	SYNHGT	TRANS
0	28.07	34.22	21.81	601.5	601.5	1541.21	.0000	.0
20	27.88	34.58	22.14	569.7	570.5	1541.53	.1172	1.2
40	27.34	35.45	22.97	490.4	492.1	1541.58	.2235	4.6
60	26.44	36.18	23.81	410.5	413.0	1540.57	.3140	10.0
80	25.23	36.56	24.47	347.2	350.5	1538.41	.3903	17.0
100	24.20	36.77	24.94	302.3	306.4	1536.45	.4560	25.5
120	22.62	36.78	25.41	257.5	262.2	1532.85	.5129	35.1
140	20.73	36.68	25.86	214.5	219.8	1528.14	.5611	45.9
160	18.75	36.48	26.23	179.4	185.1	1522.80	.6015	57.5
180	17.35	36.26	26.41	162.3	168.4	1518.85	.6369	69.9
200	16.88	36.27	26.53	150.8	157.5	1517.78	.6695	83.0
220	16.23	36.11	26.56	147.9	155.1	1515.97	.7007	96.7
240	14.99	35.90	26.69	136.5	143.9	1512.22	.7306	111.0
260	14.39	35.81	26.75	130.7	138.4	1510.53	.7589	125.9
280	13.75	35.68	26.78	127.3	135.3	1508.63	.7862	141.3
300	13.05	35.58	26.85	120.9	129.1	1506.53	.8127	157.3
340	12.06	35.43	26.93	113.4	122.1	1503.65	.8626	190.8
380	10.83	35.23	27.00	106.3	115.2	1499.77	.9102	226.3
420	10.11	35.13	27.05	101.6	110.9	1497.72	.9554	263.6
460	8.98	34.96	27.11	96.3	105.4	1494.02	.9986	302.7
500	8.26	34.87	27.15	92.2	101.4	1491.85	1.0398	343.5
540	7.78	34.82	27.19	89.1	98.5	1490.61	1.0798	385.9
580	7.42	34.79	27.21	86.3	96.0	1489.83	1.1187	429.8
620	7.05	34.76	27.24	83.6	93.5	1489.00	1.1566	475.3
660	6.61	34.73	27.28	80.1	90.0	1487.89	1.1934	522.3
700	6.22	34.70	27.31	77.4	87.3	1486.95	1.2290	570.8
740	6.01	34.70	27.34	74.9	85.0	1486.77	1.2635	620.6
780	5.86	34.73	27.38	70.8	81.3	1486.86	1.2965	671.8
820	5.64	34.74	27.41	67.5	78.1	1486.64	1.3283	724.3
860	5.53	34.78	27.46	63.2	74.1	1486.90	1.3589	778.1
900	5.37	34.82	27.51	58.3	69.5	1486.96	1.3877	833.0
940	5.10	34.88	27.59	50.8	62.0	1486.59	1.4140	889.1
980	4.89	34.91	27.64	46.2	57.5	1486.43	1.4380	946.1
1020	4.71	34.93	27.67	42.8	54.1	1486.37	1.4601	1004.1
1100	4.51	34.95	27.71	39.1	50.9	1486.88	1.5021	1122.6
1200	4.36	34.96	27.74	36.8	49.3	1487.91	1.5519	1275.3

STD STATION NUMBER 021
 SEPTEMBER 19, 1971 09.37
 LATITUDE 14 32
 LONGITUDE 63 00
 DEPTH TO BOTTOM 1540 M

Z	T	S	SIGT	TANOM	SVA	SVEI	SYNHGT	TRANS
0	28.00	34.42	21.98	584.9	584.9	1541.29	.0000	.0
20	28.03	34.77	22.23	560.7	561.5	1542.07	.1146	1.1
40	27.61	35.16	22.66	519.6	521.3	1541.88	.2229	4.5
60	26.50	36.17	23.78	413.0	415.5	1540.69	.3166	9.9
80	25.83	36.37	24.14	378.6	381.9	1539.65	.3963	17.0
100	25.22	36.58	24.49	345.4	349.6	1538.73	.4695	25.7
120	24.63	36.81	24.84	311.7	316.7	1537.84	.5361	35.8
140	23.65	36.87	25.18	279.5	285.2	1535.83	.5963	47.1
160	22.72	36.93	25.50	249.4	255.8	1533.87	.6504	59.6
180	20.93	36.74	25.86	215.3	222.2	1529.37	.6982	73.0
200	19.59	36.60	26.11	191.3	198.7	1525.92	.7403	87.4
220	18.63	36.51	26.29	174.3	182.1	1523.45	.7784	102.6
240	17.87	36.42	26.41	162.8	171.1	1521.49	.8137	118.5
260	17.13	36.30	26.50	154.3	163.1	1519.52	.8471	135.1
280	16.17	36.14	26.60	144.4	153.5	1516.78	.8787	152.4
300	15.33	36.00	26.69	136.4	145.7	1514.36	.9087	170.3
340	13.84	35.73	26.80	125.4	135.2	1509.94	.9649	207.8
380	12.70	35.56	26.90	115.7	125.9	1506.61	1.0167	247.4
420	11.61	35.35	26.95	111.1	121.5	1503.29	1.0661	289.1
460	10.14	35.12	27.04	102.8	113.0	1498.46	1.1131	332.6
500	9.35	35.02	27.10	97.5	107.8	1496.11	1.1574	378.1
540	8.72	34.94	27.14	93.8	104.3	1494.31	1.1999	425.2
580	8.15	34.86	27.16	91.4	101.9	1492.71	1.2409	474.0
620	7.62	34.80	27.19	88.3	98.9	1491.26	1.2811	524.5
660	7.20	34.76	27.22	85.6	96.3	1490.23	1.3201	576.5
700	6.99	34.77	27.26	82.0	93.1	1490.08	1.3581	630.1
740	6.61	34.76	27.30	77.9	88.9	1489.22	1.3946	685.1
780	6.26	34.75	27.34	74.2	85.3	1488.48	1.4294	741.6
820	5.84	34.75	27.40	69.1	80.0	1487.45	1.4627	799.5
860	5.70	34.79	27.45	64.4	75.7	1487.59	1.4938	858.6
900	5.54	34.83	27.50	59.6	71.1	1487.66	1.5232	918.9
940	5.35	34.86	27.54	55.1	66.8	1487.58	1.5506	980.4
980	5.10	34.90	27.61	49.3	61.0	1487.27	1.5762	1043.0
1020	4.90	34.91	27.64	46.3	58.1	1487.12	1.6001	1106.5
1100	4.58	34.95	27.71	39.9	51.8	1487.17	1.6439	1236.3
1200	4.41	34.96	27.73	37.3	49.9	1488.12	1.6947	1403.2
1300	4.26	34.97	27.76	35.0	48.2	1489.15	1.7440	1575.2
1400	4.22	34.97	27.76	34.6	48.6	1490.62	1.7922	1752.0
1500	4.17	34.97	27.77	34.1	48.9	1492.06	1.8408	1933.6

STD STATION NUMBER 022
 SEPTEMBER 19, 1971 13.0 ?
 LATITUDE 14 59
 LONGITUDE 62 58
 DEPTH TO BOTTOM 1381 M

Z	T	S	SIGT	TANOM	SVA	SVEL	DYNHGT	TRANS
0	27.87	34.05	21.74	607.5	607.5	1540.57	.0000	.0
20	27.84	34.21	21.87	595.0	595.9	1541.02	.1203	1.2
40	27.66	35.02	22.54	531.2	532.9	1541.85	.2332	4.7
60	26.98	35.82	23.36	452.8	455.3	1541.46	.3320	10.4
80	26.07	36.29	24.01	391.5	394.8	1540.14	.4170	17.9
100	25.34	36.54	24.42	351.8	356.0	1538.98	.4921	27.0
120	24.57	36.62	24.72	323.7	328.6	1537.54	.5606	37.5
140	23.76	36.79	25.09	288.4	294.0	1536.03	.6228	49.3
160	22.82	36.84	25.40	258.6	265.0	1534.05	.6787	62.3
180	21.92	36.83	25.65	234.9	242.0	1532.06	.7294	76.4
200	20.39	36.71	25.98	203.6	211.1	1528.21	.7747	91.5
220	19.08	36.52	26.18	184.5	192.5	1524.74	.8151	107.4
240	17.92	36.42	26.40	163.9	172.3	1521.64	.8515	124.0
260	17.56	36.37	26.45	159.2	168.0	1520.86	.8856	141.4
280	17.07	36.30	26.51	153.0	162.3	1519.66	.9186	159.4
300	16.50	36.20	26.57	147.4	157.2	1518.17	.9506	178.1
340	14.95	35.93	26.72	133.5	143.8	1513.73	1.0110	217.4
380	13.94	35.77	26.81	124.5	135.4	1510.95	1.0673	259.0
420	12.91	35.59	26.89	117.5	128.9	1508.00	1.1206	302.7
460	12.00	35.44	26.95	111.5	123.3	1505.38	1.1714	348.6
500	11.06	35.31	27.02	104.4	116.3	1502.61	1.2193	396.4
540	9.92	35.15	27.10	97.0	108.7	1498.99	1.2644	446.1
580	8.96	35.01	27.15	92.3	103.8	1495.94	1.3068	497.5
620	7.93	34.88	27.21	86.7	97.7	1492.55	1.3470	550.6
660	7.14	34.81	27.27	81.1	91.7	1490.07	1.3850	605.2
700	6.71	34.77	27.30	78.4	89.1	1488.98	1.4213	661.4
740	6.31	34.75	27.34	74.8	85.4	1488.02	1.4562	718.9
780	6.06	34.77	27.38	70.2	81.1	1487.71	1.4894	777.8
820	5.95	34.78	27.41	68.2	79.3	1487.93	1.5216	838.1
860	5.77	34.80	27.44	64.5	75.9	1487.89	1.5525	899.5
900	5.58	34.83	27.49	60.0	71.6	1487.82	1.5822	962.2
940	5.34	34.88	27.56	53.5	65.2	1487.57	1.6097	1026.1
980	5.03	34.89	27.61	49.3	60.8	1486.97	1.6350	1091.0
1020	4.84	34.91	27.64	45.7	57.3	1486.87	1.6584	1156.8
1100	4.57	34.94	27.70	40.5	52.4	1487.11	1.7022	1291.3
1200	4.38	34.95	27.73	37.8	50.3	1487.98	1.7532	1464.1
1300	4.26	34.97	27.76	35.0	48.2	1489.15	1.8024	1641.9