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Current Meter, Meteorological, and Sea-Level Observations off Cape Sable, Nova Scotia, August 1980 to April 1983

R.R. Lively

Atlantic Oceanographic Laboratory
Ocean Science and Surveys, Atlantic
Department of Fisheries and Oceans

Bedford Institute of Oceanography
P.O. Box 1006
Dartmouth, Nova Scotia B2Y 4A2

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ABSTRACT

Lively, R.R. 1985. Current meter, meteorological, and sea-level observations off Cape Sable, Nova Scotia, August 1980 to April 1983. Can. Tech. Rep. Hydrogr. Ocean Sci. 66: v + 528 p.

This report presents the results of the Cape Sable extended mooring experiment for the time period August 1980 to April 1983. Auxiliary data in this report includes: meteorological data for Yarmouth, Shearwater, and Sable Island and sea levels for Yarmouth, Halifax, Shelburne for August 1980 to March 1983 and Clark's Harbour for September 1982 to March 1983.

RÉSUMÉ

Lively, R.R. 1985. Current meter, meteorological, and sea-level observations off Cape Sable, Nova Scotia, August 1980 to April 1983. Can. Tech. Rep. Hydrogr. Ocean Sci. 66: v + 528 p.

Ce rapport présente les résultats de l'expérience d'amarrage prolongé au cap Sable pendant l'intervalle d'août 1980 à avril 1983. Parmi les données auxiliaires pour le rapport, l'on retrouve: des données météorologiques pour Yarmouth, Shearwater et l'île de Sable et des données sur les niveaux de la mer à Yarmouth, Halifax et Shelburne pour la période d'août 1980 à mars 1983 ainsi qu'à Clark's Harbour pour la période de septembre 1982 à mars 1983.

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DISCLAIMER

The tidal analysis which produced the constituents in Tables 7 and 8 were degraded by failure to remove the mean value from the time series prior to performing the calculations. This had little or no affect on the current components or ellipse properties since the mean currents were generally of the same order or smaller than the constituent amplitudes. Also this had little or no affect on the pressure constituents since the mean pressures were generally of the same order or smaller than the constituent amplitudes. However, the amplitudes and phases for the weakest temperature constituents and all but the strongest salinity constituents are bogus because of the large mean values for those quantities.

April 12, 1988

Introduction

This report presents Cape Sable current meter and tide gauge data in a graphical and statistical form for the time period of August 1980 to April 1983. Also included are the auxiliary data relevant to the experiment for the time period August 1980 to March 1983. The auxiliary data consist of wind data and barometric pressure from the meteorological stations at Yarmouth, Shearwater and Sable Island, as well as sea levels for Yarmouth, Halifax, Shelburne and Clark's Harbour. The above mentioned data are for the extended Cape Sable experiment. Data from the initial Cape Sable experiment (Lively, 1984) were published in 1984. The purpose of the initial experiment was to investigate the following aspects of the circulation off Cape Sable, Nova Scotia: 1) seasonal mean flow and low-frequency (subtidal) variability, 2) tidally-driven "centrifugal" upwelling and 3) tidal mixing versus thermal stratification (Smith, 1979). These studies bear on the overall interaction between the Gulf of Maine and Scotian Shelf as well as local hydrographic structure and dynamics. Data being published in this report were collected for the purpose not only as an aid to the above studies, but also as a long-term temperature monitoring and to supplement tidal boundary layer measurements. The measurements from the new site CO (Fig. 1) provides sufficient information on the structure of the tidal boundary to test various semi-analytical three-dimensional models quantitatively.

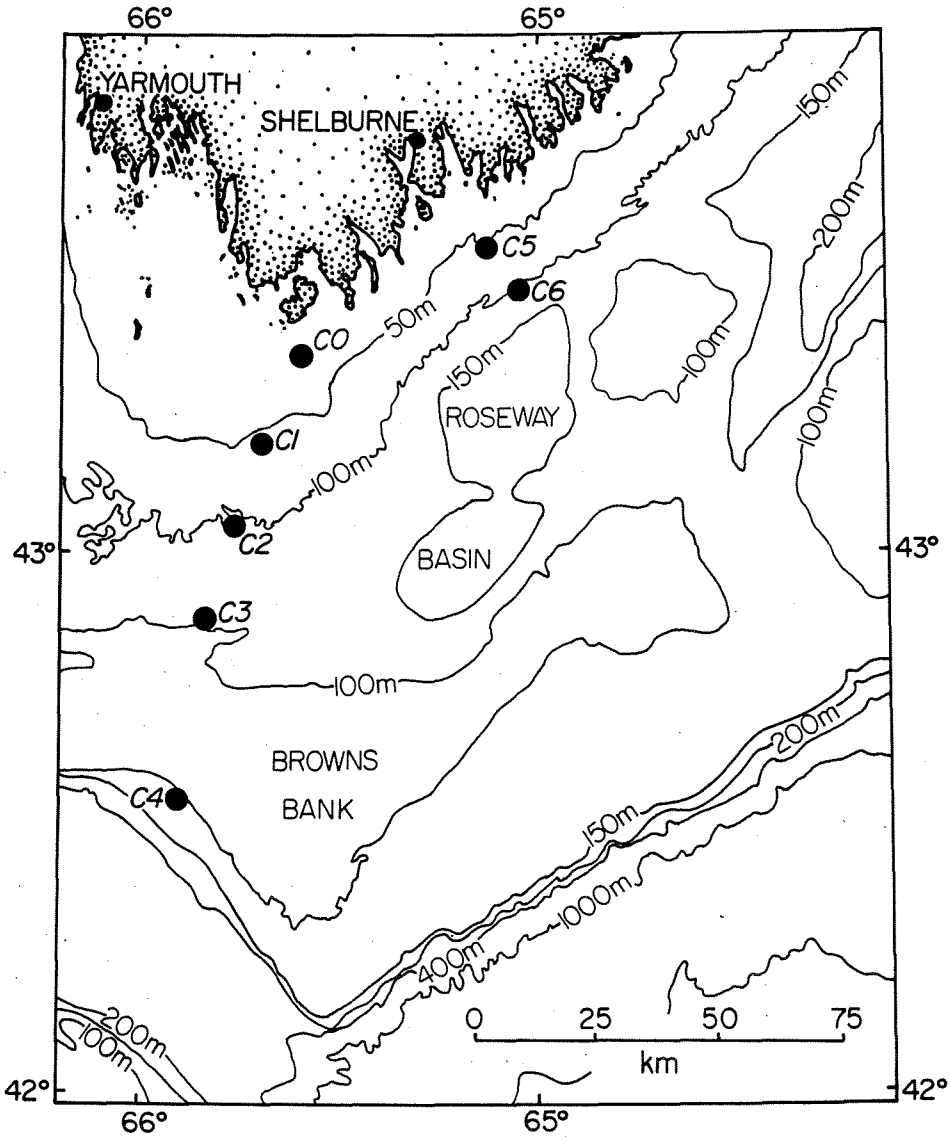
The plan of the project was to continue to take measurements for 30 months for certain sites between 43° 02.0'N to 43° 22.0'N, 65° 36.0'W to 65° 46.0'W. The mooring array for the extended Cape Sable experiment (Fig. 1) consisted of three sites (CO, C1, C2) off the coast of Cape Sable, Nova Scotia out to the 110 meter isobath. Sites C1 and C2 were continued from the initial Cape Sable experiment (November 1978 to August 1980) and ended in April 1983. The new site CO started in October 1981 and ended in April 1983. A performance chart (Fig. 2) shows the data return for each deployment. The overall return of useful data from this portion of the experiment was

80%. Originally, each mooring site had from 5 to 6 Aanderaa current meters to give complete coverage of the water column. After cruise 81-004 it was felt that only three depths needed to be observed at site C2 by Aanderaa current meters, as we had sufficient data from the other depths to make a detailed study of the tidal boundary layer. Bottom pressure was measured during all of the deployments at mooring site C2 and for one deployment at mooring site CO.

Extensive hydrographic surveys of five-eleven days duration were also carried out in the area on the six main mooring cruises (Lively and Pritchard, 1985). Ametek Straza doppler current profile data were collected on cruise 82-035. The data mentioned in this paragraph are not included in this report.

MOORING LOCATIONS

The current meter moorings for the extended Cape Sable experiment were orignally laid out as in Table 1 and Figure 1. Some depths and locations of the moorings may vary slightly from one deployment to the next. A table containing the accurate mooring positions and depths is given with each mooring period (Tables 10 to 15). Aanderaa current meters were used to collect the majority of the current meter data. Vector averaging current meters (VACM) were used at near-surface depths (10 m) on site CO for the entire experiment. They were also used on site C1 at depth 15 meters from March 1981 to October, 1981 and from March 1982 to October 1982, on site C1 at depth 30 meters from March 1981 to October 1981 and on site C2 at depth 15 meters from March, 1981 to October 1981. Bottom pressure measurements were made on site C2 for the entire extended experiment and on site CO from October 1982 to April 1983, using Aanderaa tide gauges. Moorings at all the sites had to be replaced during cruise 81-042 because it was felt that the batteries used in the Aanderaa current meters deployed on cruise 81-040 were defective.



● MOORING SITES FOR CAPE SABLE EXPERIMENT (1978-83)

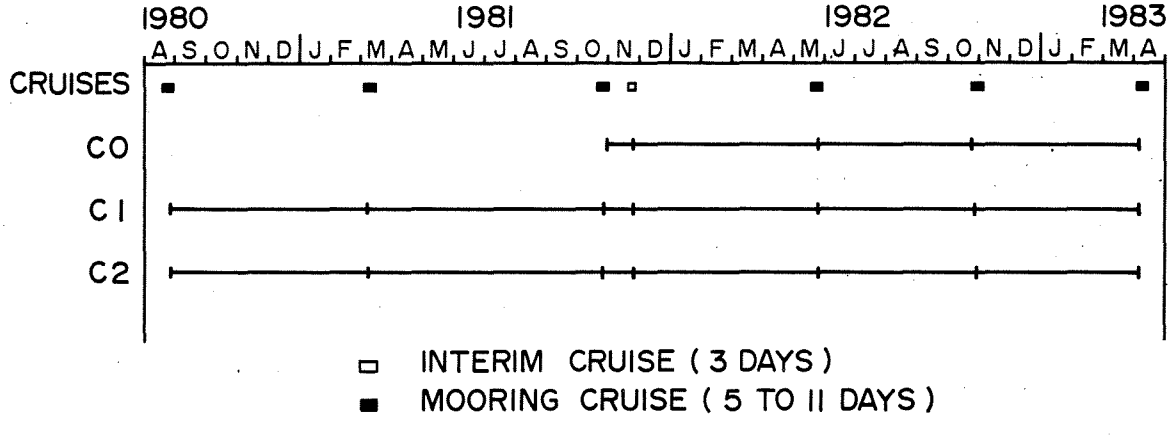


Figure 1 Location of Instruments Moored off Cape Sable
November 1978 to April 1983

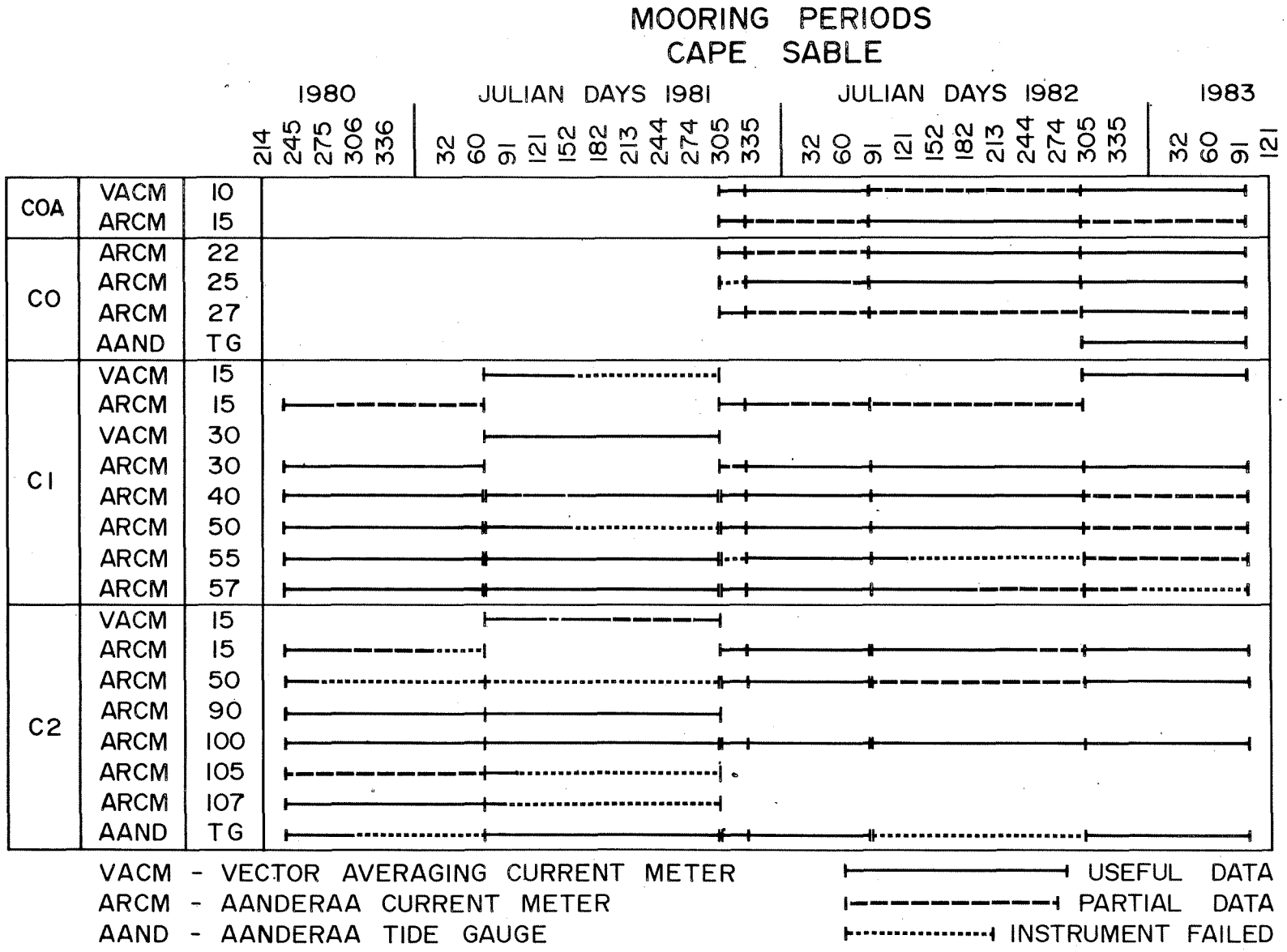


Figure 2 Performance Chart for Instruments Moored During Cape Sable Extended Project, August 1980 to April 1983

TABLE 1

CAPE SABLE EXTENDED MOORING ARRAY

STATION	LATITUDE	LONGITUDE	SOUNDING	INSTRUMENT DEPTH	TYPE*
COA	43°22.0'N	65°36.0'W	30 m	10 m	VACM
				15 m	Aanderaa CM
CO				22 m	Aanderaa CM
				25 m	Aanderaa CM
				27 m	Aanderaa CM
				30 m@	Aanderaa TG
C1	43°11.5'N	65°43.0'W	60 m	15 m#	Aanderaa CM and VACM
				30 mx	Aanderaa CM and VACM
				40 m	Aanderaa CM
				50 m	Aanderaa CM
				55 m	Aanderaa CM
				57 m	Aanderaa CM
C2	43°02.0'N	65°46.0'W	110 m	15 mx	Aanderaa CM and VACM
				50 m	Aanderaa CM
				90 m+	Aanderaa CM
				100 m	Aanderaa CM
				105 m+	Aanderaa CM
				107 m+	Aanderaa CM
				110 m	Aanderaa TG

@ Tide gauge used on Cruise 82-035 only.
# VACMs were used on Cruises 81-004 and 82-035.
x VACMs were used on Cruise 81-004 only.
+ These depths were used for Cruises 80-022 and 81-004.
* VACM = Vector Averaging Current Meter
Aanderaa CM = Aanderaa Current Meter
Aanderaa TG = Aanderaa Tide Gauge

DATA ACCURACY

The factory quoted accuracies for the VACM and Aanderaa current meters plus the Aanderaa tide gauges are as follows:

VACM (vector averaging current meter)

CURRENT SPEED	threshold 2.57 cm/sec range 2.57 cm/sec to 308.8 cm/sec rotor constant 34.6 cm water revolution
CURRENT DIRECTION	compass 0°-360°, 2.8° resolution vane 0°-360°, 2.8° resolution
CRYSTAL TIMER	± 1 sec/day
TEMPERATURE	calibrated thermistor ± .01°C standard thermistor ± 0.1°C

AANDERAA (RCM4 and RCM5)

CURRENT SPEED	± 1 cm/sec or ± 2% of actual speed, whichever is greater threshold 1.5 cm/sec
CURRENT DIRECTION	± 5 degrees with speed 5-100 cm/sec
CRYSTAL TIMER	± 2 sec/day
TEMPERATURE	± 0.15°C
CONDUCTIVITY	0 to 70 mmho/cm 0.1% range

AANDERAA TIDE GAUGE

PRESSURE	0.01% of range resolution 0.001% of range
TEMPERATURE	range -5° to 35°C, 0.05°C resolution 0.01%
CRYSTAL TIMER	± 2 sec/day

The Aanderaa current meters were calibrated for temperature and salinity in-house before and after each deployment. The pre-calibrations were found to be within the manufacturer's specifications. However, in 1982, it was found that different types of growth on the instruments caused various rates of drift in the conductivity

sensors (Boyce, 1985). Salinity comparisons were made between the Aanderaa current meters and nearby CTD stations (Table 2). The differences were not applied to the data in this report. After cleaning, the calibrations of the conductivity cells returned to pre-deployment levels. Compass swings (see below) were done on each Aanderaa current meter before deployment and deviations of order $\pm$ 3° were applied in processing the records.

The VACM current meters were calibrated before each deployment for compass error and were found to be within the manufacturer's specifications. If a compass was not within these specifications it was replaced with one that was. Temperature sensors for the VACM current meters are calibrated in-house about once every two years. Then, before each deployment the temperature sensors are tested with a resistance box to make sure the temperatures fall within range of the calibration values. The resistance box is calibrated once a year. A pressure sensor in the Aanderaa tide gauge is calibrated once a year. The temperature sensor was calibrated before each deployment and was found to be within the manufacturer's specifications. However, in 1984 it was found that the pressure sensor would change by $\pm$ 1.3 MBAR when the temperature varied by $\pm$ 1°C. This was originally stated in the manufacturer's specifications in 1978 but not in any specification publications thereafter.

DATA PROCESSING

The data that were recorded by the VACM (vector averaging current meter) were translated to computer-compatible tape using a series of programs available from Ocean Circulation Division at Bedford Institute of Oceanography (Hendry, 1979). The speed is measured with a 10 cm Savonius rotor but direction is sensed by a small (17 x 9 cm) vane with a 1 sec time constant. Every eighth of a revolution of the rotor, the compass and vane orientations are measured and combined to give a discrete current direction which is then converted to Cartesian velocity components (North and

East). For the duration of the sampling interval, these components are summed to produce a true vector-average velocity measurement over a number of intermediate samples which is then proportional to current speed. Instantaneous direction is computed as the difference between compass and vane orientations which are recorded in 7-level binary (360° = 128 divisions). Temperature output is the frequency of an oscillator circuit which includes a thermistor and two sets of calibrations are needed to get from frequency to temperature (Payne et al. 1976).

Data that were recorded by the Aanderaa current meters were translated to computer-compatible tape. The encoder numbers were converted to physical units using several programs found in the CMSYST package available at Bedford Institute of Oceanography (AOL, 1979). A compass swing was done before each Aanderaa current meter was deployed. Each instrument was placed on a compass swing table and rotated clockwise in 10.25° increments through a complete revolution and then counterclockwise through a complete revolution. The readings for clockwise and counterclockwise revolutions were averaged to produce the calibration points to correct the direction readings. A local magnetic variation was taken from chart 5375 (Haslan, 1981). The temperature, conductivity and pressure values were used to calculate salinity using the UNESCO formula (Perkin and Lewis, 1980). No account was taken of the mismatch between temperature and conductivity sensor responses. Potential density anomaly was calculated from the temperature, salinity and pressure using the the UNESCO formula.

Data that were recorded by the Aanderaa tide gauges were translated to computer-compatible tape. The encoder numbers were converted to physical units by using a set of equations found in programs maintained by the Hydrography Department at Bedford Institute of Oceanography. An arbitrary low water datum is selected by reducing the entire time series by the lowest pressure encountered. The tide gauge data are converted to the CMSYST format enabling further analyses to be done.

A more detailed explanation of the procedures used to process the above instruments can be found in the publication of the initial Cape Sable experiment data (Lively, 1984). The raw data (30-minute interval) were processed to 1-hour interval by using a boxcar filter which produces a 3 point running mean. The filtered data for 6-hour intervals was created from the 1-hour intervals using a Cartwright low-pass filter with 129 weights and a cut-off frequency of 0.036 cph (25% power is passed at 28.4 hours) (AOL, 1979). The wind stress (TAUX, TAUY) were calculated by using a quadratic stress law where the drag coefficient (depending on the wind speed) is taken into account for the 10 meter surface winds (Smith and Banke, 1975).

DATA PRESENTATION

This volume contains graphical and statistical representations of meteorological data for Yarmouth, Shearwater and Sable Island (August 1980 to March 1983) and current meter data from cruises 80-022, 81-004, 81-040, 81-042, 82-005 and 82-035. The mooring period covered in this report is from August 1980 to April 1983. Also included are the sea levels for Yarmouth, Halifax, Shelburne (August 1980 to March 1983), Clark's Harbour (September 1982 to March 1983) and the tide gauges deployed at site C2 (August 1980 to April 1983), site CO (October 1982 to April 1983).

The data in this volume are presented in the following order:

(a) Statistical tables of the meteorological data (Table 3) for Yarmouth, Shearwater, Sable Island and statistical tables of the sea level data (Table 4) for Halifax, Shelburne, Yarmouth, Clark's Harbour are broken up into the same time periods as the current meter moorings, these are followed by the statistical tables for the current meters and the tide gauges (Tables 5,6).

(b) Tidal tables which include record-mean tidal ellipses for the current velocity, tidal constituents for temperature, salinity, sigma-t from the current meters (Table 7), tidal constituents for pressure and temperature from the tide gauges (Table 8) are for the full length of

the records, the general tidal constituents for sea level data from Yarmouth, Halifax, Shelburne, Clark's Harbour (Table 9) are for the current meter mooring periods where the data runs for a duration of 29 days or more.

(c) Wind velocity as a progressive vector at 1-hour intervals (August 1980 to March 1983 for the wind progressive plots only), stick plots filtered and subsampled at 6-hour intervals and the meteorological data plotted as a time series filtered and subsampled at 6-hour intervals for Yarmouth, Shearwater and Sable Island.

(d) Sea level data plotted as 1-hour time series and again as a time series filtered and subsampled at 6-hour intervals for Yarmouth, Halifax, Shelburne and Clark's Harbour.

(e) Current velocity as a progressive vector (1-hour intervals) and stick plots filtered and subsampled at 6-hour intervals.

(f) Rate, true direction, temperature and salinity as a time series plot (1-hour intervals).

(g) Current velocity (U and V-component), temperature, salinity and sigma-t as a time series plot filtered and subsampled at 6-hour intervals.

(h) Current velocity as a joint distribution diagram.

(i) Temperature and salinity as a joint distribution diagram.

In steps (h) and (i) if one of the elements is missing then a histogram for the remaining element is given. The graphs and statistical diagrams for the current meters and tide gauges as described in steps (e) to (i) are ordered sequentially by cruise number, consecutive station number and depth. Each set of diagrams (steps (e) to (i) repeated for an entire cruise) is preceded by a table (Tables 10 to 15) giving the accurate latitude, longtiude, instrument number and type, accurate depth, sounding and comments on each instrument.

All graphs were computer produced and plotted on an incremental plotter. Day numbers on the graphs are in Julian days. Time series and stick plots for the meteorological data are presented in 90 day segments and sea level time series plots are presented in 183 day segments. Current meter time series and stick plots, as well as tide gauge time series plots are presented in 170 day segments. The progressive vector diagrams for the current meter data are for the entire mooring period. The arrow on the progressive vector and stick diagrams represent the direction of true north. The meterological data were resolved using an angle section of 0° and the current meter data were resolved using an angle section of 104°.

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TABLE 2 FIELD CALIBRATIONS FOR CAPE SABLE SALINITY MEASUREMENTS AUGUST, 1980 TO APRIL, 1983

	Winter 80-022		Summer 81-002		Winter 81-040		Summer 82-005		Winter 82-035	
	($\Delta S \pm \sigma$) Start	($\Delta S \pm \sigma$) End	($\Delta S \pm \sigma$) Start	($\Delta S \pm \sigma$) End	($\Delta S \pm \sigma$) Start	($\Delta S \pm \sigma$) End	($\Delta S \pm \sigma$) Start	($\Delta S \pm \sigma$) End	($\Delta S \pm \sigma$) Start	($\Delta S \pm \sigma$) End
COA (10)									VACM	VACM
(15)					-0.1 ± .1	(-0.5) ± .05	0.0 ± .02	(-1.7) ± .02	0.1 ± .1++	-0.4 ± .1++
					(465)		(473)		(525)	
CO (22)					-0.1 ± .1	0.0 ± .1	0.0 ± .1	(-3.7) ± .1	-0.1 ± .1++	-0.2 ± .1++
(25)					0.0 ± .5	(-0.8) ± .3	0.4 ± .1	(-3.0) ± .2	0.0 ± .1++	0.0 ± .1++
(27)					0.0 ± .05	(-2.0) ± .3	-0.3 ± .1	(-1.9) ± .1	0.0 ± .1++	0.1 ± .1++
C1 (15)	0.0 ± .4	-0.3 ±	VACM		0.0 ± .3	0.0 ± .4	-0.3 ± .1	(-5.8) ± .1	VACM	VACM
	(415)		(444)		(466)		(474)		(526)	
(30)	0.15 ± .3	-0.3 ±	VACM		0.0 ± .4*	0.2 ± .1	0.1 ± .1	(-1.7) ± .2	0.0 ± .25	-0.1 ± .03
(40)	0.0 ± .07	(-0.5) ± .1	0.1 ± .1	-0.5 ± .5*	-0.1 ± .2*	-0.1 ± .1	0.1 ± .1	-0.4 ± .2+	0.1 ± .35	(-0.6) ± .04
(50)	0.0 ± .1	0.0 ± .1	0.2 ± .1	Short	0.0 ± .3*	-0.1 ± .1	0.3 ± .1	-0.4 ± .3	0.1 ± .3	(-0.5) ± .1
(55)	0.0 ± .1	-0.1 ± .1	0.1 ± .1	-0.2 ± .3*		0.1 ± .1	0.0 ± .1	Short	Short	(-1.1) ± .03
(57)	0.0 ± .1	-0.1 ± .1	0.1 ± .1	-0.6 ± .3*	0.0 ± .3*	0.1 ± .1	0.4 ± .1	(-9.8) ± .3	Short	Short
C2 (15)	0.0 ± .3	Short	VACM		0.3 ± .3	0.0 ± .1	0.0 ± .2	(-2.7) ± .3	0.4 ± .4++	0.5 ± .1++
	(416)		(445)		(467)		(475)		(527)	
(50)	0.1 ± .2	Short	Failed		No Cond.		0.0 ± .2	(-1.5) ± .2	-0.2 ± .2++	0.1 ± .1++
(90)	0.3 ± .3	0.0 ± *	0.0 ± .2	-0.1 ± .1						
(100)	0.3 ± .3	0.0 ± .3*	0.1 ± .3	-0.3 ± .3	0.1 ± .2	0.0 ± .05	0.4 ± .2	-0.1 ± .1	0.0 ± .1++	-0.2 ± .1++
(105)	0.3 ± .3	0.0 ± .3	0.0 ± .3	Short						
(107)	0.3 ± .3	0.0 ± .3	0.1 ± .3	Short						

(○) Significant offset exceeds 0.5 °/₀₀

* environmental variability

++ timing questionable, may be different water mass

\+ large dip $\Delta S \leq -3.0$ d 250 - d 300

$\Delta S = S_{CM} - S_{CTD}$ $\pm\sigma$ = estimated accuracy of comparison

TABLE 3

OVERALL STATISTICS FOR METEOROLOGICAL DATA

Instrument (Depth)	No. of Hourly Samples	U ($m\ s^{-1}$)*			V ($m\ s^{-1}$)*			BAROMETRIC PRESSURE (MBAR)			TAUX (PASCALS)			TAUY (PASCALS)			Time Span
		Mean	σ_1†	σ_6†	Mean	σ_1	σ_6	Mean	δ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
YARMOUTH	1464	1.525	2.980	2.553	0.390	3.190	2.864	1016	6.228	6.189	0.012	0.026	0.021	0.002	0.029	0.024	01/08/80 to 30/09/80
	4368	1.548	3.948	3.591	-1.347	4.231	3.907	1012	12.071	12.007	0.019	0.056	0.050	-0.018	0.062	0.054	01/10/80 to 31/03/81
	4392	1.350	3.450	3.084	0.630	3.866	3.509	1014	8.024	7.995	0.014	0.045	0.040	0.003	0.048	0.042	01/04/81 to 30/09/81
	4368	1.972	4.668	4.268	-1.292	4.472	4.094	1013	12.031	11.957	0.033	0.085	0.077	-0.018	0.071	0.063	01/10/81 to 31/03/82
	4392	1.170	3.801	3.379	0.575	3.825	3.435	1015	7.465	7.427	0.011	0.045	0.038	0.004	0.047	0.040	01/04/82 to 30/09/82
	4368	0.622	4.589	4.301	-1.377	4.816	4.522	1017	10.943	10.907	0.010	0.065	0.059	-0.019	0.077	0.069	01/10/82 to 31/03/83
SHEARWATER	1464	0.973	2.396	2.089	0.499	3.015	2.631	1015	6.802	6.802	0.006	0.020	0.016	0.002	0.028	0.024	01/08/80 to 30/09/80
	4368	1.234	3.664	3.277	-0.455	3.926	3.607	1011	12.855	12.778	0.009	0.052	0.041	-0.004	0.062	0.053	01/10/80 to 31/03/81
	4392	0.609	2.646	2.299	0.463	3.125	2.712	1013	8.474	8.451	0.005	0.027	0.022	0.002	0.035	0.028	01/04/81 to 30/09/81
	4368	1.622	3.995	3.626	-0.452	3.641	3.288	1012	12.154	12.063	0.017	0.058	0.050	-0.002	0.050	0.041	01/10/81 to 31/03/82
	4392	0.463	3.206	2.839	0.642	3.309	2.848	1014	7.911	7.870	0.003	0.033	0.025	0.005	0.036	0.029	01/04/82 to 30/09/82

*(U,V) (East,North) Components of Wind Velocity

†(σ_1 σ_6) = Standard Deviations of 1-Hour and 6-Hour Data

TABLE 3 (Continued)

Instrument (Depth)	No. of Hourly Samples	U ($m\ s^{-1}$)*			V ($m\ s^{-1}$)*			BAROMETRIC PRESSURE (MBAR)			TAUX (PASCALS)			TAUY (PASCALS)			Time Span
		Mean	σ_1†	σ_6†	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
SHEARWATER	4368	0.349	3.216	2.941	-0.849	3.618	3.327	1016	11.201	11.156	0.000	0.034	0.029	-0.006	0.043	0.037	01/10/82 to 31/03/83
SABLE	1464	1.492	3.422	3.216	1.121	3.743	3.510	1015	6.836	6.858	0.013	0.037	0.033	0.008	0.042	0.037	01/08/80 to 30/09/80
	4368	1.903	6.157	5.734	-0.090	5.414	5.023	1011	13.532	13.456	0.025	0.155	0.135	-0.003	0.138	0.120	01/10/80 to 31/03/81
	4392	1.192	4.306	4.018	1.404	4.204	3.891	1014	8.646	8.631	0.015	0.073	0.065	0.012	0.071	0.063	01/04/81 to 30/09/81
	4368	2.836	6.630	6.175	-0.056	5.587	5.129	1012	12.278	12.182	0.061	0.189	0.161	-0.007	0.163	0.130	01/10/81 to 31/03/82
	4392	0.638	4.411	4.080	1.622	4.072	3.740	1016	7.648	7.573	0.007	0.073	0.060	0.017	0.068	0.055	01/04/82 to 30/09/82
	4368	0.857	5.884	5.542	-1.089	6.190	5.902	1016	11.396	11.331	0.010	0.138	0.122	-0.032	0.154	0.139	01/10/82 to 31/03/83

*(U,V) (East,North) Components of Wind Velocity

†(σ_1,σ_6) = Standard Deviations of 1-Hour and 6-Hour Data

TABLE 4

OVERALL STATISTICS FOR SEA LEVELS

SITE	No. of Hourly Samples	SEA LEVEL (CM)*			Time Span
		Mean	σ_1+	σ_6+	
HALIFAX	960	123.0	50.63	7.62	01/08/80
SHELBURNE	1463	128.3	58.98	5.88	to
YARMOUTH	1224	245.8	127.30	6.72	30/09/80
HALIFAX	4051	133.2	50.88	15.52	01/10/80
SHELBURNE	3761	135.5	57.76	16.03	to
YARMOUTH	2231	245.9	123.87	15.18	31/03/81
HALIFAX	4317	128.7	50.35	9.09	01/04/81
SHELBURNE	4351	131.7	58.36	10.98	to
YARMOUTH	3229	251.9	126.91	9.66	30/09/81
HALIFAX	4215	132.9	51.23	16.25	01/10/81
SHELBURNE	3843	134.5	59.87	21.53	to
YARMOUTH	2430	249.1	120.35	16.08	31/03/82
HALIFAX	4392	123.5	48.50	8.52	01/04/82
SHELBURNE	3975	129.8	54.80	8.58	to
YARMOUTH	3967	252.7	122.71	10.27	30/09/82
CLARK'S HARBOUR	529	178.6	77.68	6.92	08/09/82 to 30/09/82
HALIFAX	4368	131.9	49.78	12.16	01/10/82
SHELBURNE	4297	139.3	55.90	14.25	to
YARMOUTH	3584	254.0	123.75	14.38	31/03/83
CLARK'S HARBOUR	4280	185.3	80.27	14.39	

* Sea Level = Displacement is measured relative to a record minimum

$^{+}\sigma_1, \sigma_6$ = Standard deviations for 1-hour and 6-hour data.

TABLE 5

OVERALL STATISTICS FOR CURRENT, TEMPERATURE, SALINITY, AND DENSITY

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
COA(465,013 m)	617	0.142	0.186	0.044	-0.203	0.740	0.081	10.420	0.675	0.601							29/10/81 to 24/11/81
COA(470,010 m)	2877	0.118	0.169	0.033	-0.186	0.713	0.072	3.672	2.600	2.506							24/11/81 to 24/03/82
COA(473,011 m)	5212							7.052	3.188	3.103							24/03/82 to 28/10/82
COA(525,016 m)	3841	0.063	0.060	0.021	-0.139	0.766	0.062	5.195	2.927	2.836							29/10/82 to 06/04/83
COA(465,018 m)	616	0.136	0.172	0.043	-0.187	0.692	0.075	10.250	0.674	0.603	30.72	0.327	0.312	23.57	0.260	0.269	29/10/81 to 24/11/81
COA(470,015 m)	2865	0.201	0.387	0.051	-0.072	0.528	0.051	3.546	2.585	2.493	30.81	0.546	0.540	24.45	0.614	0.606	24/11/81 to 24/03/82
COA(473,016 m)	5212	0.104	0.112	0.027	-0.181	0.687	0.043	7.095	3.164	3.083	31.47	0.813	0.807	24.58	1.007	0.999	24/03/82 to 28/10/82
COA(525,021 m)	3840	0.065	0.077	0.024	-0.129	0.737	0.063	5.131	2.921	2.832	31.15	0.549	0.545	24.55	0.243	0.229	28/10/82 to 06/04/83

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
CO(465,025 m)	619	0.094	0.187	0.054	-0.136	0.551	0.070	10.320	0.679	0.606	30.76	0.304	0.298	23.59	0.254	0.268	29/10/81 to 24/11/81
CO(470,022 m)	2875							3.566	2.653	2.558	31.08	0.636	0.621	24.67	0.712	0.694	24/11/81 to 24/03/82
	704	0.120	0.225	0.074	-0.151	0.605	0.078										24/11/81 to 23/12/81
CO(473,023 m)	5210	0.082	0.191	0.034	-0.166	0.601	0.042	6.904	3.126	3.049	30.76	1.371	1.354	24.05	1.423	1.405	24/03/82 to 28/10/82
CO(525,022 m)	3838	0.050	0.091	0.036	-0.112	0.712	0.058	5.138	2.926	2.838	31.27	0.480	0.478	24.65	0.248	0.227	28/10/82 to 06/04/83
CO(470,025 m)	2875							3.453	2.592	2.500	30.86	0.582	0.570	24.50	0.633	0.621	24/11/81 to 24/03/82
	2481	0.094	0.171	0.046	-0.138	0.553	0.059										24/11/81 to 08/03/82
CO(473,026 m)	5210	0.059	0.153	0.029	-0.155	0.518	0.037	2.373	1.149	1.120	31.11	1.446	1.438	24.83	1.223	1.215	24/03/82 to 28/10/82
CO(525,025 m)	3838	0.037	0.099	0.031	-0.082	0.638	0.053	5.136	2.937	2.948	31.39	0.470	0.469	24.75	0.244	0.223	28/10/82 to 06/04/83

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
CO(465,030 m)	612	0.065	0.123	0.041	-0.125	0.477	0.061	10.230	0.671	0.596	30.77	0.315	0.309	23.62	0.259	0.272	29/10/81 to 24/11/81
CO(470,027 m)	2874							3.521	2.587	2.497	29.90	0.645	0.623	23.73	0.523	0.511	24/11/81 to 24/03/82
	255	0.277	0.191	0.249	-0.054	0.315	0.029										24/11/81 to 05/12/81
CO(473,028 m)	5210							6.879	3.119	3.042	30.89	0.796	0.791	24.15	1.000	0.993	24/03/82 to 28/10/82
CO(525,027 m)	3838							5.102	2.931	2.842	31.51	0.458	0.457	24.84	0.257	0.233	28/10/82 to 06/04/83
	2398	0.241	0.140	0.097	-0.003	0.472	0.047										28/10/82 to 05/02/83
C1(415,12 m)	4778							6.355	3.770	3.663	31.53	0.658	0.655	24.69	0.515	0.489	23/08/80 to 09/03/81
	3204	0.107	0.200	0.083	-0.086	0.682	0.103										23/08/80 to 04/01/81
C1(444,15 m)	2335	0.047	0.096	0.046	-0.070	0.598	0.080	3.668	1.136	1.075							11/03/81 to 16/06/81

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(466,014 m)	620	0.096	0.155	0.085	-0.130	0.652	0.154	9.924	0.705	0.528	31.26	0.421	0.419	24.05	0.357	0.354	29/10/81 to 24/11/81
C1(471,015 m)	2879	0.068	0.145	0.081	-0.074	0.608	0.148	3.798	2.479	2.366	31.27	0.500	0.482	24.81	0.583	0.565	24/11/81 to 24/03/82
C1(474,014 m)	5246							7.201	3.136	3.038							24/03/82 to 29/10/82
	3464										31.11	0.504	0.499				24/03/82 to 16/08/82
	3464													24.51	0.503	0.497	24/03/82 to 16/08/82
C1(526,010 m)	3811	0.041	0.086	0.050	-0.075	0.586	0.090	5.324	2.715	2.630							29/10/82 to 06/04/83
C1(415,026 m)	4778	0.056	0.118	0.052	-0.042	0.610	0.088	5.942	3.208	3.131							23/08/80 to 09/03/81
	4729										31.50	0.907	0.904	24.73	0.561	0.542	23/08/80 to 07/03/81
C1(444,030 m)	5549	0.014	0.080	0.050	-0.031	0.548	0.078	6.437	3.308	3.230							11/03/81 to 28/10/81

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(466,029 m)	547	0.061	0.116	0.069	-0.103	0.603	0.122	10.040	0.815	0.601	31.23	0.489	0.468	24.00	0.449	0.423	29/10/81 to 21/11/81
C1(471,030 m)	2879	0.040	0.095	0.057	-0.063	0.550	0.108	4.060	2.434	2.329	31.30	0.525	0.511	24.80	0.573	0.559	24/11/81 to 24/03/82
C1(474,021 m)	5226	0.032	0.088	0.055	-0.040	0.574	0.089	6.884	2.882	2.758	31.79	1.079	1.078	24.86	1.072	1.064	24/03/82 to 28/10/82
C1(526,026 m)	3810	0.039	0.087	0.047	-0.066	0.566	0.084	5.297	2.622	2.559	31.80	0.499	0.495	25.07	0.212	0.195	29/10/82 to 06/04/83
C1(415,036 m)	4778	0.019	0.122	0.061	-0.009	0.543	0.076	5.792	3.038	2.969	31.47	0.932	0.930	24.73	0.497	0.477	23/08/80 to 09/03/81
C1(444,040 m)	5513	0.002	0.114	0.056	-0.003	0.454	0.059	6.129	2.957	2.874	31.87	0.473	0.454	25.02	0.571	0.542	11/03/81 to 27/10/81
C1(466,039 m)	619	0.022	0.142	0.085	-0.045	0.518	0.097	9.627	0.794	0.537	31.52	0.577	0.584	24.29	0.516	0.499	29/10/81 to 24/11/81
C1(471,040 m)	2879	0.012	0.107	0.069	-0.034	0.485	0.088	4.100	2.394	2.298	31.66	0.530	0.514	25.09	0.551	0.538	24/11/81 to 24/03/82
C1(474,031 m)	5226	-0.005	0.131	0.049	-0.010	0.498	0.075	6.607	2.678	2.536	32.23	0.580	0.566	25.25	0.565	0.544	24/03/82 to 28/10/82

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(526,036 m)	3810	0.013	0.097	0.046	-0.041	0.493	0.078	5.269	2.541	2.493	31.43	0.638	0.627	24.77	0.266	0.254	29/10/82 to 06/04/83
C1(415,046 m)	4778	-0.012	0.125	0.059	-0.008	0.463	0.060	5.716	2.980	2.923	31.80	0.776	0.772	25.00	0.444	0.424	23/08/80 to 09/03/81
C1(444,050 m)	2041	0.007	0.082	0.039	-0.006	0.401	0.046	3.387	0.984	0.938	31.83	0.376	0.371	25.32	0.290	0.284	11/03/81 to 04/06/81
C1(466,049 m)	620	0.006	0.140	0.072	-0.015	0.380	0.059	9.287	0.808	0.502	31.63	0.577	0.579	24.44	0.519	0.490	29/10/81 to 24/11/81
C1(471,050 m)	2879	-0.004	0.130	0.079	-0.013	0.400	0.061	4.161	2.351	2.264	31.52	0.516	0.501	24.97	0.502	0.494	24/11/81 to 24/03/82
C1(474,041 m)	5226	-0.016	0.111	0.049	-0.008	0.421	0.048	6.445	2.521	2.396	32.09	0.920	0.923	25.17	0.834	0.832	24/03/82 to 28/10/82
C1(526,046 m)	3810	0.001	0.097	0.045	-0.030	0.425	0.067	5.261	2.501	2.457	31.54	0.632	0.621	24.86	0.264	0.252	29/10/82 to 06/04/83
C1(415,051 m)	4778	-0.019	0.118	0.051	-0.012	0.411	0.053	5.707	2.956	2.904	31.76	0.788	0.784	24.97	0.427	0.408	23/08/80 to 09/03/81
C1(444,055 m)	5545	-0.035	0.115	0.047	-0.011	0.336	0.030	5.884	2.557	2.486	31.96	0.420	0.404	25.13	0.407	0.383	11/03/81 to 28/10/81

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(471,055 m)	2879	-0.010	0.114	0.067	-0.015	0.354	0.056	4.154	2.344	2.260	31.64	0.521	0.506	25.07	0.496	0.489	24/11/81 to 24/03/82
C1(474,046 m)	1271	-0.021	0.071	0.033	-0.024	0.347	0.039	3.268	1.321	1.199	32.14	0.391	0.347	25.57	0.226	0.188	24/03/82 to 16/05/82
C1(526,051 m)	3810							5.258	2.488	2.447	31.25	0.787	0.771	24.63	0.370	0.357	29/10/82 to 06/04/83
C1(415,053 m)	4779	-0.016	0.112	0.051	-0.013	0.389	0.048	5.719	2.952	2.902	31.79	0.762	0.757	24.99	0.414	0.394	23/08/80 to 09/03/81
C1(444,057 m)	5545	-0.036	0.109	0.043	-0.013	0.311	0.030	5.846	2.538	2.469	31.79	0.410	0.395	25.00	0.497	0.479	11/03/81 to 28/10/81
C1(466,056 m)	620	0.005	0.131	0.069	-0.028	0.280	0.044	9.168	0.804	0.495	31.70	0.567	0.563	24.51	0.511	0.475	29/10/81 to 24/11/81
C1(471,057 m)	2879	-0.015	0.106	0.059	-0.016	0.324	0.053	4.144	2.340	2.256	31.64	0.518	0.505	25.07	0.501	0.494	24/11/81 to 24/03/82
C1(474,048 m)	5226	-0.014	0.071	0.031	-0.013	0.251	0.026	6.399	2.490	2.370							24/03/82 to 28/10/82
	2906										32.41	0.457	0.441	25.61	0.406	0.396	24/03/82 to 24/07/82

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C1(526,053 m)	1314	0.003	0.125	0.068	-0.010	0.328	0.065	7.969	0.798	0.681	32.33	0.432	0.368	25.18	0.275	0.219	29/10/82 to 23/12/82
C2(416,013 m)	1497	-0.022	0.239	0.093	0.020	0.462	0.078	11.690	1.511	1.360	31.96	0.472	0.430	24.28	0.529	0.470	24/08/80 to 26/10/80
C2(445,015 m)	5560							7.534	3.802	3.749							10/03/81 to 28/10/81
	2744	-0.008	0.110	0.075	-0.054	0.434	0.110										10/03/81 to 03/07/81
C2(467,014 m)	621	0.106	0.187	0.128	-0.045	0.533	0.213	10.260	0.674	0.579	31.15	0.468	0.477	23.90	0.376	0.387	29/10/81 to 24/11/81
C2(472,015 m)	2881	0.087	0.206	0.147	-0.074	0.527	0.202	3.989	2.377	2.284	31.30	0.498	0.492	24.81	0.571	0.558	24/11/81 to 24/03/82
C2(475,023 m)	5252	0.017	0.132	0.082	-0.044	0.434	0.118	7.550	2.920	2.787	31.76	1.264	1.246	24.75	1.147	1.125	25/03/82 to 29/10/82
C2(527,013 m)	3789	0.044	0.171	0.115	-0.130	0.500	0.164	5.528	2.580	2.517	31.97	0.527	0.526	25.17	0.245	0.236	30/10/82 to 06/04/83
C2(416,044 m)	647	0.064	0.172	0.108	-0.024	0.491	0.064	7.960	1.355	0.744	32.65	0.436	0.318	25.43	0.356	0.213	24/08/80 to 20/09/80

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C2(467,043 m)	621	0.075	0.136	0.096	-0.064	0.465	0.161	9.253	0.850	0.579							29/10/81 to 24/11/81
C2(472,050 m)	2881	0.037	0.122	0.069	-0.099	0.471	0.150	4.433	2.081	1.984							24/11/81 to 24/03/82
C2(475,058 m)	5252							6.369	2.335	2.190	32.56	0.542	0.520	25.55	0.404	0.374	25/03/82 to 29/10/82
	279	-0.025	0.113	0.045	-0.041	0.459	0.063										25/03/82 to 05/04/82
C2(527,042 m)	3789	0.033	0.108	0.072	-0.118	0.478	0.122	5.694	2.359	2.308	32.02	0.600	0.589	25.20	0.257	0.245	30/10/82 to 06/04/83
C2(416,084 m)	4750	0.027	0.201	0.076	-0.006	0.419	0.068	6.324	2.476	2.417	32.64	0.716	0.703	25.61	0.323	0.298	24/08/80 to 09/03/81
C2(445,090 m)	5510	0.002	0.150	0.054	0.031	0.395	0.049	5.748	1.783	1.720	32.64	0.324	0.309	25.70	0.191	0.171	10/03/81 to 26/10/81
C2(416,094 m)	4780	-0.005	0.180	0.063	-0.005	0.345	0.048	6.329	2.441	2.390	32.70	0.671	0.657	25.66	0.287	0.261	24/08/80 to 09/03/81
C2(445,100 m)	5559	-0.006	0.142	0.047	0.024	0.327	0.039	5.750	1.736	1.690	32.54	0.415	0.407	25.62	0.352	0.346	10/03/81 to 28/10/81

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 5 (Continued)

Site (Mooring) (Depth)	No. of Hourly Samples	U(m s^{-1})*			V(m s^{-1})*			T(°C)			S(°/$_{oo}$)			Sigma-T (kg m^{-3})			Time Span
		Mean	σ_1+	σ_6+	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	Mean	σ_1	σ_6	
C2(467,093 m)	621	-0.041	0.221	0.050	-0.005	0.346	0.044	7.282	0.798	0.625	32.85	0.211	0.193	25.68	0.167	0.101	29/10/81 to 24/11/81
C2(472,100 m)	2881	-0.025	0.172	0.063	-0.011	0.337	0.069	4.756	1.474	1.408	32.51	0.396	0.368	25.72	0.239	0.209	24/11/81 to 24/03/82
C2(475,108 m)	5252	-0.023	0.126	0.044	-0.001	0.324	0.046	6.027	2.026	1.950	33.20	0.353	0.333	26.11	0.181	0.163	25/03/82 to 29/10/82
C2(527,092 m)	3789	-0.001	0.152	0.060	-0.023	0.343	0.064	5.981	1.964	1.919	32.42	0.609	0.587	25.49	0.275	0.256	30/10/82 to 06/04/83
C2(416,099 m)	4750							6.332	2.433	2.385	32.35	0.829	0.822	25.38	0.449	0.434	24/08/80 to 09/03/81
C2(445,105 m)	714	-0.013	0.111	0.062	0.016	0.288	0.041	3.571	0.617	0.512	32.46	0.278	0.232	25.81	0.163	0.137	10/03/81 to 09/04/81
C2(416,101 m)	4747	-0.015	0.125	0.052	-0.014	0.272	0.033	6.334	2.432	2.384	32.43	0.840	0.835	25.44	0.489	0.478	24/08/80 to 09/03/81
C2(445,107 m)	397	0.002	0.175	0.130	0.033	0.515	0.090	3.411	0.570	0.551	32.47	0.264	0.263	25.83	0.158	0.158	10/03/81 to 27/03/81

*(U,V) Components Oriented at (194,104) Degrees True

+(σ_1,σ_6) = Standard Deviations for 1-Hour and 6-Hour Data

TABLE 6

OVERALL STATISTICS FOR TIDE GAUGE DATA

Site (Mooring) (Depth)	No. of Hourly Samples	P (MBAR)*			T(°C)			Time Span
		Mean	σ_1	σ_6	Mean	σ_1	σ_6	
COA(525,029 m)	3841	168.2	73.12	11.90	4.93	2.86	2.77	28/10/82 to 06/04/83
C2(416,106 m)	1505				7.65	2.04	1.84	24/08/80 to 26/10/80
C2(416,106 m)	1426	134.5	64.77	10.23				24/08/80 to 23/10/80
C2(445,110 m)	5561	149.9	63.33	8.36	5.85	1.70	1.66	10/03/81 to 28/10/81
C2(467,113 m)	622	130.4	62.35	6.74	7.12	0.78	0.66	29/10/81 to 24/11/81
C2(472,110 m)	2882	139.4	62.78	11.85	4.77	1.42	1.36	24/11/81 to 24/03/82
C2(527,107 m)	3791	148.2	63.12	9.58	5.15	1.73	1.69	30/10/82 to 05/04/83

* P is measured with respect to an arbitrary low water datum.

TABLE 7

GENERAL TIDAL ANALYSIS FOR CURRENTS, TEMPERATURE, SALINITY, SIGMA-T

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 336, 1980*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(415,012m) AAND	K1	0.117	0.013	88	332/C	0.038	238.26	0.011	209.31	0.005	157.62
	O1	0.093	0.014	88	262/C	0.034	172.44	0.010	315.50	0.014	328.07
	M2	0.869	0.142	105	155/C	0.182	82.83	0.016	7.83	0.032	288.42
	S2	0.119	0.016	102	194/C	0.075	146.57	0.015	102.82	0.008	26.19
	N2	0.183	0.031	102	119/C	0.144	86.14	0.035	339.82	0.043	307.76
	MF	0.038	0.004	99	172/C	0.306	339.67	0.034	233.80	0.065	181.53
	M4	0.050	0.027	104	334/C	0.037	225.06	0.008	150.11	0.007	94.08
	MS4	0.013	0.010	98	348/C	0.022	202.13	0.023	186.86	0.015	180.80
		CENTERED AT DAY 336, 1980									
C1(415,026m) AAND	K1	0.081	0.004	84	339/C	0.027	74.10	0.018	215.79	0.018	223.16
	O1	0.098	0.005	84	276/C	0.054	335.25	0.004	166.13	0.012	160.58
	M2	0.782	0.050	107	150/C	0.184	198.84	0.099	23.82	0.108	22.64
	S2	0.142	0.005	104	194/A	0.039	197.57	0.025	130.78	0.019	113.74
	N2	0.162	0.013	107	116/C	0.093	194.62	0.048	355.96	0.053	1.38
	MF	0.020	0.009	229	8/C	0.176	352.70	0.069	240.05	0.068	219.46
	M4	0.026	0.001	90	321/C	0.065	211.84	0.006	59.19	0.014	39.29
	MS4	0.012	0.003	80	345/C	0.030	259.57	0.021	173.13	0.017	156.95
		CENTERED AT DAY 336, 1980									
C1(415,036m) AAND	K1	0.068	0.000	75	340/C	0.034	50.27	0.021	195.35	0.022	202.66
	O1	0.092	0.002	78	280/A	0.038	11.17	0.004	16.26	0.003	187.47
	M2	0.698	0.027	107	145/A	0.241	219.01	0.129	20.67	0.138	25.41
	S2	0.132	0.013	107	189/A	0.043	212.99	0.026	124.61	0.023	109.13
	N2	0.143	0.008	107	108/A	0.108	202.13	0.052	352.52	0.055	0.21
	MF	0.017	0.008	61	224/C	0.084	14.83	0.046	282.09	0.037	268.05
	M4	0.018	0.001	87	302/A	0.028	231.39	0.006	249.44	0.002	280.82
	MS4	0.012	0.002	78	329/C	0.005	255.15	0.016	192.27	0.013	188.84

* Current Ellipse for C1 (415,012m) centered at day 303, 1980.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 336, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(415,046m) AAND	K1	0.058	0.001	74	339/C	0.041	41.83	0.021	175.29	0.022	187.19
	O1	0.079	0.000	79	279/A	0.035	39.72	0.017	23.54	0.008	14.39
	M2	0.595	0.073	106	142/A	0.221	222.89	0.128	18.85	0.133	24.57
	S2	0.116	0.014	105	188/A	0.032	230.01	0.030	110.19	0.028	103.69
	N2	0.120	0.018	106	106/A	0.103	198.08	0.052	348.45	0.054	355.58
	MF	0.014	0.004	228	63/C	0.056	36.11	0.037	253.33	0.033	249.17
	M4	0.014	0.001	65	288/A	0.018	313.06	0.022	217.99	0.019	211.13
	MS4	0.011	0.004	75	320/C	0.013	34.38	0.017	214.10	0.016	213.46
		CENTERED AT DAY 336, 1980									
C1(415,051m) AAND	K1	0.052	0.001	80	337/C	0.042	41.45	0.023	171.04	0.023	183.62
	O1	0.069	0.001	85	277/C	0.032	42.17	0.021	34.57	0.011	32.83
	M2	0.527	0.072	109	141/A	0.207	223.10	0.126	17.45	0.129	23.31
	S2	0.105	0.013	110	186/A	0.028	232.47	0.029	106.78	0.027	101.95
	N2	0.106	0.018	108	105/A	0.098	199.39	0.052	349.14	0.054	356.01
	MF	0.011	0.004	232	65/C	0.056	42.29	0.043	253.89	0.038	251.36
	M4	0.011	0.003	234	115/A	0.025	320.55	0.024	204.65	0.021	197.06
	MS4	0.009	0.003	89	327/C	0.012	24.49	0.018	210.71	0.017	209.52
		CENTERED AT DAY 336, 1980									
C1(415,053m) AAND	K1	0.049	0.000	77	337/C	0.041	41.82	0.022	167.68	0.023	181.04
	O1	0.065	0.000	83	276/C	0.033	39.42	0.025	37.65	0.015	37.92
	M2	0.497	0.069	105	141/A	0.204	223.71	0.124	21.61	0.128	26.66
	S2	0.100	0.014	108	186/A	0.028	224.16	0.039	124.81	0.034	119.23
	N2	0.098	0.014	105	104/A	0.096	201.30	0.054	347.21	0.055	354.58
	MF	0.011	0.004	220	61/C	0.052	42.92	0.041	258.24	0.036	255.57
	M4	0.010	0.004	228	118/A	0.022	320.61	0.031	190.91	0.027	186.40
	MS4	0.009	0.003	87	334/C	0.014	20.46	0.009	321.23	0.006	304.46

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 311, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(416,013m) AAND	K1	0.089	0.006	69	340/C	0.114	239.59	0.160	120.82	0.143	114.24
	O1	0.071	0.020	78	287/C	0.058	250.74	0.017	90.28	0.024	82.66
	M2	0.581	0.023	89	182/C	0.402	100.02	0.082	227.78	0.125	253.97
	S2	0.068	0.017	81	221/A	0.028	214.18	0.030	166.49	0.021	156.40
	N2	0.126	0.007	73	162/A	0.199	93.54	0.062	203.77	0.073	232.03
	MF	0.045	0.016	91	315/C	1.272	336.39	0.138	242.65	0.264	180.91
	M4	0.030	0.025	169	305/C	0.031	71.00	0.014	245.51	0.018	246.25
	MS4	0.010	0.002	106	319/C	0.015	129.46	0.070	245.85	0.058	248.07
		CENTERED AT DAY 251, 1980									
C2(416,044m) AAND	K1	0.064	0.012	69	227/A	0.122	295.56	0.064	27.61	0.056	44.42
	O1	0.071	0.022	91	224/C	0.264	340.50	0.074	325.94	0.026	302.89
	M2	0.640	0.080	111	354/C	0.777	99.19	0.098	93.25	0.029	295.84
	S2	0.107	0.012	113	360/C	0.106	175.00	0.018	267.44	0.017	308.54
	N2	0.137	0.005	108	352/C	0.361	143.16	0.031	269.14	0.060	306.03
	MF	0.106	0.011	173	356/A	0.477	189.68	0.223	160.97	0.128	143.42
	M4	0.014	0.007	106	147/A	0.207	53.49	0.118	288.50	0.114	277.54
	MS4	0.013	0.003	130	152/C	0.146	116.80	0.064	242.23	0.063	257.09
		CENTERED AT DAY 336, 1980									
C2(416,084m) AAND	K1	0.058	0.001	234	186/C	0.065	81.96	0.057	88.70	0.038	90.84
	O1	0.074	0.010	65	303/C	0.085	30.45	0.042	15.40	0.023	8.35
	M2	0.571	0.035	125	154/A	0.145	243.83	0.129	48.39	0.126	50.75
	S2	0.101	0.022	119	205/A	0.068	304.72	0.027	112.94	0.032	116.04
	N2	0.109	0.017	115	126/A	0.074	197.48	0.009	73.91	0.014	44.09
	MF	0.012	0.004	117	39/A	0.282	192.52	0.089	266.14	0.068	298.79
	M4	0.016	0.006	123	34/C	0.033	66.03	0.047	293.70	0.042	289.49
	MS4	0.007	0.001	123	6/C	0.011	144.86	0.006	188.33	0.004	206.20

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 336, 1980									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(416,094m) AAND	K1	0.045	0.002	233	179/A	0.069	84.41	0.064	88.91	0.043	90.62
	O1	0.058	0.005	64	295/C	0.090	27.22	0.049	18.55	0.028	14.67
	M2	0.476	0.050	126	148/A	0.120	243.61	0.131	43.65	0.124	46.39
	S2	0.085	0.023	118	204/A	0.060	303.26	0.024	126.15	0.029	125.04
	N2	0.085	0.019	116	122/A	0.057	198.59	0.005	70.17	0.010	39.46
	MF	0.014	0.005	86	63/A	0.301	195.52	0.090	256.61	0.060	292.37
	M4	0.007	0.000	118	56/A	0.032	73.71	0.047	290.84	0.042	287.38
	MS4	0.005	0.001	143	329/A	0.012	135.41	0.006	166.17	0.003	182.22
		CENTERED AT DAY 336, 1980									
C2(416,099m) AAND	K1					0.068	84.24	0.066	93.26	0.044	95.72
	O1					0.089	25.36	0.053	19.08	0.031	16.31
	M2					0.112	244.48	0.129	43.65	0.121	46.37
	S2					0.058	304.16	0.020	140.10	0.025	134.08
	N2					0.052	199.96	0.004	78.59	0.008	40.70
	MF					0.306	195.76	0.099	255.25	0.065	287.53
	M4					0.029	74.10	0.042	287.86	0.038	284.63
	MS4					0.013	128.83	0.009	175.36	0.006	187.32
		CENTERED AT DAY 336, 1980									
C2(416,101m) AAND	K1	0.035	0.002	221	169/A	0.070	87.63	0.060	101.90	0.040	105.95
	O1	0.043	0.002	231	103/C	0.089	27.46	0.042	29.55	0.022	30.21
	M2	0.358	0.042	118	143/A	0.112	243.41	0.108	40.43	0.104	43.99
	S2	0.064	0.018	107	203/A	0.058	298.32	0.023	202.79	0.022	178.35
	N2	0.061	0.014	110	119/A	0.053	203.25	0.010	305.56	0.011	340.75
	MF	0.013	0.005	89	76/A	0.311	196.77	0.109	269.79	0.081	299.09
	M4	0.008	0.002	88	56/A	0.034	68.66	0.028	344.35	0.023	332.56
	MS4	0.005	0.002	137	349/A	0.013	114.47	0.012	83.15	0.008	75.83

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 119, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(444,015m) VACM	K1	0.077	0.007	80	328/C	0.021	86.18				
	O1	0.079	0.011	81	274/C	0.023	34.49				
	M2	0.775	0.070	101	149/C	0.074	226.31				
	S2	0.118	0.014	104	190/C	0.017	165.60				
	N2	0.194	0.024	103	115/C	0.019	38.25				
	MF	0.019	0.005	127	231/A	0.280	21.33				
	M4	0.025	0.016	122	276/C	0.012	203.18				
	MS4	0.009	0.002	113	323/A	0.011	100.31				
		CENTERED AT DAY 186, 1981									
C1(444,030m) VACM	K1	0.062	0.008	77	322/C	0.048	79.22				
	O1	0.091	0.014	84	282/C	0.084	4.98				
	M2	0.711	0.013	106	146/C	0.359	225.19				
	S2	0.145	0.003	107	179/A	0.128	170.33				
	N2	0.143	0.002	105	112/A	0.047	171.68				
	MF	0.025	0.001	82	324/A	0.132	200.54				
	M4	0.017	0.004	90	292/A	0.047	276.35				
	MS4	0.009	0.003	235	185/A	0.019	219.17				
		CENTERED AT DAY 186, 1981									
C1(444,040m) AAND	K1	0.054	0.004	74	322/C	0.058	78.41	0.014	0.21	0.013	321.14
	O1	0.075	0.009	78	291/C	0.093	9.38	0.006	104.89	0.015	173.02
	M2	0.586	0.056	111	149/A	0.407	237.44	0.152	38.70	0.177	44.59
	S2	0.121	0.021	109	178/A	0.089	199.97	0.058	64.94	0.056	55.63
	N2	0.108	0.016	108	117/A	0.084	194.67	0.043	343.36	0.044	350.60
	MF	0.025	0.000	82	306/A	0.105	180.61	0.080	350.46	0.097	354.83
	M4	0.018	0.001	106	286/C	0.033	303.16	0.024	301.19	0.014	298.68
	MS4	0.007	0.005	176	252/A	0.006	24.68	0.004	170.96	0.004	168.85

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 113, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(444,050m) AAND	K1	0.026	0.006	77	332/A	0.002	94.52	0.061	294.53	0.049	294.53
	O1	0.044	0.004	89	275/C	0.012	351.98	0.011	312.08	0.008	307.15
	M2	0.445	0.042	108	151/A	0.087	291.44	0.086	12.56	0.068	19.16
	S2	0.064	0.015	102	171/A	0.037	151.37	0.034	43.35	0.029	36.36
	N2	0.075	0.019	104	52/A	0.069	14.34	0.058	301.88	0.046	294.04
	MF	0.022	0.000	74	264/A	0.093	3.85	0.109	12.34	0.082	13.17
	M4	0.015	0.002	65	294/A	0.003	51.64	0.056	15.86	0.045	15.53
	MS4	0.010	0.004	90	332/C	0.016	94.04	0.057	110.92	0.044	111.29
		CENTERED AT DAY 186, 1981									
C1(444,055m) AAND	K1	0.039	0.003	68	317/C	0.053	92.74	0.014	8.66	0.014	334.23
	O1	0.051	0.008	74	279/C	0.045	9.90	0.023	64.73	0.015	79.52
	M2	0.438	0.099	105	136/A	0.338	222.40	0.136	21.10	0.152	26.52
	S2	0.088	0.024	101	172/A	0.068	211.30	0.041	59.89	0.041	53.93
	N2	0.087	0.022	102	105/A	0.102	213.35	0.037	357.08	0.042	10.98
	MF	0.006	0.003	59	345/A	0.011	89.48	0.078	7.57	0.073	6.94
	M4	0.017	0.001	97	252/C	0.020	341.64	0.008	239.09	0.008	217.26
	MS4	0.006	0.003	156	237/A	0.023	34.66	0.022	131.71	0.018	140.83
		CENTERED AT DAY 186, 1981									
C1(444,057m) AAND	K1	0.035	0.004	72	317/C	0.049	92.61	0.015	7.75	0.014	337.27
	O1	0.047	0.008	77	278/C	0.043	1.17	0.025	61.44	0.018	74.88
	M2	0.405	0.093	108	136/A	0.330	223.15	0.135	21.79	0.149	27.15
	S2	0.083	0.021	105	172/A	0.073	214.66	0.040	61.25	0.041	55.62
	N2	0.078	0.019	105	105/A	0.104	210.53	0.036	355.07	0.042	8.62
	MF	0.005	0.004	66	349/A	0.020	40.39	0.070	15.43	0.064	13.48
	M4	0.017	0.004	90	251/A	0.020	338.32	0.007	245.92	0.007	220.33
	MS4	0.006	0.004	167	215/A	0.024	38.94	0.022	133.55	0.018	142.99

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 185, 1981*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/oo)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C2(445,015m) VACM	K1	0.074	0.028	85	338/C	0.017	352.66				
	O1	0.076	0.026	97	304/C	0.019	349.51				
	M2	0.555	0.018	106	168/C	0.059	238.66				
	S2	0.098	0.006	113	215/C	0.028	307.39				
	N2	0.139	0.005	111	148/C	0.055	130.43				
	MF	0.052	0.026	171	203/A	0.156	314.99				
	M4	0.028	0.000	120	181/A	0.065	104.30				
	MS4	0.009	0.002	95	273/C	0.048	153.62				
		CENTERED AT DAY 185, 1981									
C2(445,090m) AAND	K1	0.045	0.000	60	348/C	0.026	65.40	0.016	35.76	0.011	27.11
	O1	0.056	0.004	66	305/C	0.053	39.72	0.037	50.07	0.023	52.67
	M2	0.528	0.025	120	152/A	0.170	241.56	0.085	50.02	0.091	52.42
	S2	0.097	0.016	123	181/A	0.062	277.79	0.005	175.85	0.010	118.58
	N2	0.104	0.014	121	118/A	0.068	154.11	0.018	36.71	0.021	13.54
	MF	0.016	0.009	165	103/C	0.213	10.52	0.035	24.59	0.006	76.53
	M4	0.026	0.001	136	334/C	0.038	74.03	0.025	347.05	0.021	333.06
	MS4	0.007	0.001	137	356/C	0.004	35.20	0.025	45.63	0.020	45.17
		CENTERED AT DAY 185, 1981									
C2(445,100m) AAND	K1	0.037	0.002	61	339/A	0.027	66.24	0.023	31.64	0.016	24.94
	O1	0.045	0.003	64	300/C	0.051	41.44	0.041	57.83	0.027	61.11
	M2	0.447	0.042	123	149/A	0.143	245.28	0.070	55.14	0.076	57.23
	S2	0.085	0.017	123	180/A	0.067	273.05	0.015	233.30	0.008	184.83
	N2	0.092	0.014	124	119/A	0.070	160.58	0.028	59.40	0.027	38.88
	MF	0.015	0.010	165	102/C	0.188	11.44	0.040	7.15	0.011	350.67
	M4	0.023	0.003	155	307/C	0.032	83.55	0.014	292.23	0.015	285.19
	MS4	0.006	0.001	163	343/C	0.002	33.24	0.009	90.89	0.007	91.83

* Current Ellipse for C2 (445,015m) centered at day 100, 1981.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 84, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/oo)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(445,105m) AAND	K1	0.037	0.006	69	320/A	0.043	51.70	0.173	72.59	0.135	73.17
	O1	0.028	0.004	234	128/C	0.051	77.77	0.184	140.94	0.146	142.53
	M2	0.382	0.059	117	143/A	0.286	41.65	0.206	90.11	0.149	97.90
	S2	0.056	0.003	115	186/A	0.044	134.44	0.123	245.74	0.101	247.64
	N2	0.062	0.027	112	129/A	0.064	106.14	0.158	106.71	0.121	106.98
	MF	0.042	0.008	214	51/A	0.526	355.10	0.343	2.37	0.226	3.63
	M4	0.023	0.007	158	282/C	0.035	342.06	0.104	349.71	0.081	349.71
	MS4	0.007	0.004	218	332/A	0.007	137.52	0.087	114.95	0.070	114.57
		CENTERED AT DAY 78, 1981									
C2(445,107m) AAND	K1	0.057	0.009	61	294/A	0.091	13.09	0.468	32.06	0.369	32.47
	O1	0.045	0.002	238	122/C	0.077	91.42	0.322	104.19	0.252	104.49
	M2	0.681	0.116	109	142/A	0.321	44.06	0.314	50.51	0.223	51.16
	S2	0.158	0.013	111	191/C	0.088	120.33	0.125	175.23	0.097	179.48
	N2	0.147	0.048	120	125/A	0.098	104.07	0.428	113.78	0.337	113.90
	MF	0.177	0.038	200	39/A	0.818	314.17	0.540	345.89	0.370	352.41
	M4	0.040	0.011	165	299/C	0.044	13.18	0.086	9.07	0.065	8.38
	MS4	0.011	0.003	236	321/C	0.018	65.34	0.065	348.42	0.052	346.40
		CENTERED AT DAY 315, 1981									
C0A(465,013m) VACM	K1	0.059	0.004	87	271/C	0.069	282.92				
	O1	0.050	0.009	94	195/C	0.055	11.93				
	M2	1.012	0.036	90	106/A	0.058	151.02				
	S2	0.136	0.003	91	129/A	0.111	158.68				
	N2	0.190	0.005	91	81/A	0.053	21.08				
	MF	0.077	0.016	77	305/C	0.629	205.61				
	M4	0.116	0.005	94	214/C	0.054	278.62				
	MS4	0.039	0.001	100	224/C	0.035	316.44				

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 315, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/oo)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C0A(465,018m) AAND	K1	0.054	0.001	86	270/C	0.069	276.70	0.177	270.95	0.134	270.47
	O1	0.041	0.013	97	192/C	0.063	1.27	0.140	1.01	0.105	0.89
	M2	0.941	0.043	91	102/A	0.063	141.95	0.226	161.66	0.177	162.75
	S2	0.126	0.006	89	127/A	0.102	145.47	0.176	179.03	0.132	182.31
	N2	0.180	0.005	91	78/A	0.060	1.32	0.237	2.14	0.185	1.99
	MF	0.072	0.002	71	313/A	0.642	205.21	0.349	91.90	0.328	75.18
	M4	0.098	0.006	86	212/A	0.009	7.84	0.024	241.92	0.020	238.64
	MS4	0.032	0.003	90	224/A	0.058	29.25	0.122	49.95	0.092	51.64
		CENTERED AT DAY 315, 1981									
C0(465,025m) AAND	K1	0.047	0.008	87	265/C	0.049	277.91	0.092	274.21	0.067	273.83
	O1	0.036	0.015	93	182/C	0.035	359.50	0.033	2.14	0.021	2.79
	M2	0.760	0.056	87	103/A	0.024	133.03	0.122	167.63	0.098	169.07
	S2	0.097	0.004	78	126/C	0.119	157.67	0.197	185.48	0.145	188.48
	N2	0.151	0.008	89	65/A	0.034	14.45	0.098	9.65	0.075	8.93
	MF	0.080	0.012	60	315/A	0.643	204.44	0.332	86.77	0.322	70.22
	M4	0.102	0.014	90	215/A	0.068	251.46	0.211	251.38	0.162	251.32
	MS4	0.026	0.006	91	229/A	0.076	263.50	0.220	244.77	0.169	243.30
		CENTERED AT DAY 315, 1981									
C0(465,030m) AAND	K1	0.035	0.003	87	269/A	0.071	338.33	0.216	325.75	0.166	324.91
	O1	0.039	0.009	104	183/C	0.078	61.22	0.216	51.14	0.165	50.35
	M2	0.646	0.043	92	99/A	0.052	334.13	0.128	275.80	0.101	271.08
	S2	0.082	0.001	85	130/C	0.070	117.29	0.024	314.55	0.030	308.66
	N2	0.130	0.006	89	69/A	0.050	127.99	0.164	105.01	0.127	103.44
	MF	0.063	0.017	68	309/A	0.667	207.45	0.339	91.26	0.328	74.35
	M4	0.079	0.003	92	197/A	0.063	266.68	0.211	265.15	0.163	265.01
	MS4	0.020	0.002	109	201/A	0.040	298.15	0.099	260.28	0.076	257.21

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 315, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(466,014m) AAND	K1	0.106	0.006	82	325/C	0.046	289.98	0.106	330.42	0.080	333.69
	O1	0.093	0.031	100	259/C	0.040	117.13	0.043	4.53	0.037	356.23
	M2	0.830	0.110	106	157/C	0.035	73.32	0.206	267.03	0.172	266.45
	S2	0.107	0.024	106	179/C	0.099	199.69	0.244	287.72	0.198	291.79
	N2	0.211	0.035	97	132/C	0.081	101.37	0.080	117.32	0.054	119.85
	MF	0.169	0.030	101	348/A	0.650	195.29	0.352	85.84	0.323	68.32
	M4	0.048	0.018	132	355/C	0.062	104.88	0.205	82.63	0.158	81.28
	MS4	0.015	0.001	110	343/C	0.069	91.36	0.218	82.58	0.168	81.87
		CENTERED AT DAY 314, 1981									
C1(466,029m) AAND	K1	0.111	0.005	67	347/C	0.030	305.19	0.087	326.92	0.066	327.94
	O1	0.119	0.025	99	275/C	0.020	152.26	0.163	270.29	0.134	271.59
	M2	0.690	0.033	105	159/C	0.121	192.39	0.069	17.35	0.073	15.51
	S2	0.158	0.012	106	178/A	0.166	187.93	0.237	291.25	0.199	297.59
	N2	0.236	0.024	101	146/C	0.058	254.01	0.146	346.72	0.118	350.78
	MF	0.159	0.003	74	347/A	0.710	183.13	0.730	56.18	0.647	48.59
	M4	0.026	0.001	131	299/A	0.066	195.38	0.050	350.52	0.050	355.38
	MS4	0.009	0.003	102	279/C	0.096	124.99	0.189	96.86	0.142	93.96
		CENTERED AT DAY 315, 1981									
C1(466,039m) AAND	K1	0.089	0.014	69	348/C	0.033	337.74	0.096	328.19	0.073	327.05
	O1	0.102	0.004	84	272/C	0.066	353.70	0.024	52.66	0.017	82.48
	M2	0.670	0.060	111	147/A	0.420	210.00	0.182	338.12	0.190	352.18
	S2	0.086	0.030	99	183/A	0.164	227.78	0.214	287.79	0.163	294.20
	N2	0.159	0.007	110	115/A	0.025	242.33	0.108	73.91	0.092	75.03
	MF	0.116	0.017	60	358/C	0.655	216.04	0.538	70.21	0.508	63.72
	M4	0.022	0.003	136	249/A	0.055	167.34	0.217	60.96	0.180	58.27
	MS4	0.007	0.001	175	147/A	0.043	83.03	0.219	61.54	0.173	60.69

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 315, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(466,049m) AAND	K1	0.056	0.013	72	345/C	0.043	259.26	0.087	341.37	0.071	346.13
	O1	0.071	0.004	70	276/C	0.036	255.10	0.073	29.33	0.062	33.36
	M2	0.490	0.125	109	135/A	0.572	213.41	0.241	352.55	0.262	4.10
	S2	0.068	0.028	93	173/A	0.188	254.14	0.202	292.28	0.143	298.20
	N2	0.116	0.012	108	112/A	0.012	153.53	0.085	64.83	0.070	66.43
	MF	0.071	0.002	213	178/A	0.500	222.29	0.496	70.33	0.456	65.92
	M4	0.034	0.002	128	180/A	0.043	143.49	0.196	86.25	0.157	84.05
	MS4	0.007	0.003	130	122/A	0.046	85.66	0.215	85.49	0.169	85.20
		CENTERED AT DAY 315, 1981									
C1(466,056m) AAND	K1	0.035	0.005	83	354/C	0.083	274.07	0.066	351.96	0.053	4.36
	O1	0.049	0.001	82	281/A	0.087	245.05	0.099	36.27	0.091	40.66
	M2	0.360	0.105	114	135/A	0.573	215.59	0.234	353.84	0.255	5.91
	S2	0.040	0.021	93	173/A	0.199	257.44	0.194	292.54	0.135	298.70
	N2	0.089	0.008	105	103/A	0.033	153.68	0.091	56.79	0.074	56.01
	MF	0.061	0.024	209	179/A	0.433	223.65	0.465	71.09	0.422	67.12
	M4	0.019	0.012	130	166/C	0.007	23.70	0.207	92.13	0.168	92.13
	MS4	0.009	0.003	122	50/A	0.060	82.06	0.209	85.09	0.162	84.98
		CENTERED AT DAY 315, 1981									
C2(467,014m) AAND	K1	0.085	0.014	100	337/C	0.041	309.44	0.044	4.09	0.032	14.19
	O1	0.077	0.005	87	282/C	0.042	139.15	0.037	293.59	0.037	297.59
	M2	0.646	0.075	100	177/C	0.057	341.32	0.029	256.36	0.024	234.41
	S2	0.130	0.031	83	214/C	0.059	345.11	0.132	339.18	0.099	338.90
	N2	0.094	0.072	140	111/A	0.047	195.55	0.037	8.51	0.038	9.46
	MF	0.230	0.092	90	31/A	0.400	210.02	0.591	119.19	0.467	111.28
	M4	0.023	0.007	158	225/C	0.010	218.39	0.024	223.93	0.018	223.99
	MS4	0.021	0.004	125	201/C	0.046	221.52	0.152	221.17	0.117	220.96

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 315, 1981									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C2(467,043m) AAND	K1	0.052	0.003	82	358/C	0.068	115.25				
	O1	0.070	0.033	92	298/C	0.159	39.47				
	M2	0.563	0.051	103	174/C	0.556	321.18				
	S2	0.091	0.005	110	207/A	0.153	29.25				
	N2	0.160	0.020	109	146/C	0.319	197.64				
	MF	0.155	0.006	77	44/C	0.190	339.65				
	M4	0.034	0.017	182	334/C	0.129	28.09				
	MS4	0.013	0.002	203	57/A	0.030	5.10				
		CENTERED AT DAY 315, 1981									
C2(467,093m) AAND	K1	0.061	0.012	222	170/C	0.019	337.61	0.057	39.60	0.045	41.56
	O1	0.050	0.026	226	100/C	0.088	128.14	0.058	327.71	0.057	322.89
	M2	0.488	0.070	134	147/A	0.511	227.35	0.100	36.89	0.149	41.22
	S2	0.076	0.024	144	171/A	0.072	308.16	0.145	347.81	0.111	350.99
	N2	0.181	0.018	130	141/C	0.218	240.52	0.061	8.57	0.071	29.45
	MF	0.024	0.007	134	85/C	0.151	129.05	0.145	115.44	0.097	113.60
	M4	0.020	0.004	121	80/C	0.084	89.67	0.036	240.36	0.041	248.29
	MS4	0.010	0.001	82	23/C	0.025	167.23	0.151	222.20	0.121	223.34
		CENTERED AT DAY 23, 1982									
COA(470,010m) VACM	K1	0.038	0.001	90	272/A	0.011	300.57				
	O1	0.038	0.002	94	218/C	0.014	94.43				
	M2	0.980	0.024	91	107/A	0.127	21.85				
	S2	0.164	0.003	91	135/A	0.008	117.20				
	N2	0.181	0.001	89	59/C	0.025	306.51				
	MF	0.026	0.005	100	63/A	0.200	141.09				
	M4	0.090	0.006	94	224/C	0.049	227.18				
	MS4	0.030	0.001	96	268/A	0.013	232.70				

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 23, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C0A(470,015m) AAND	K1	0.039	0.005	69	264/A	0.013	285.39	0.014	88.00	0.012	87.32
	O1	0.034	0.006	75	217/A	0.018	88.71	0.036	264.70	0.030	263.84
	M2	0.864	0.040	68	96/A	0.112	6.26	0.074	38.66	0.052	43.77
	S2	0.138	0.006	64	126/A	0.012	132.47	0.028	59.51	0.022	57.35
	N2	0.152	0.002	66	43/A	0.021	306.18	0.046	247.15	0.036	245.36
	MF	0.028	0.008	63	75/A	0.206	139.88	0.066	105.07	0.031	89.31
	M4	0.081	0.004	86	201/A	0.037	207.15	0.028	239.45	0.020	243.75
	MS4	0.016	0.005	100	230/A	0.013	242.32	0.007	71.55	0.007	69.47
		CENTERED AT DAY 23, 1982*									
C0(470,022m) AAND	K1	0.042	0.004	85	252/C	0.017	314.13	0.014	99.21	0.013	101.16
	O1	0.027	0.002	139	238/A	0.031	81.74	0.034	315.50	0.029	310.32
	M2	0.847	0.059	85	100/A	0.131	2.41	0.027	51.05	0.017	79.02
	S2	0.107	0.013	79	139/C	0.014	140.14	0.042	125.91	0.033	126.49
	N2	0.188	0.002	81	61/C	0.024	310.00	0.039	275.16	0.030	273.42
	MF	0.061	0.020	59	323/A	0.218	146.41	0.058	125.81	0.021	120.88
	M4	0.109	0.014	96	202/A	0.040	194.67	0.032	211.71	0.023	213.86
	MS4	0.020	0.011	102	232/A	0.014	260.78	0.013	202.46	0.010	194.78
		CENTERED AT DAY 23, 1982†									
C0(470,025m) AAND	K1	0.029	0.001	86	271/A	0.014	314.18	0.008	117.22	0.007	116.99
	O1	0.030	0.003	96	207/A	0.029	89.08	0.036	301.10	0.031	297.93
	M2	0.761	0.063	89	96/A	0.128	3.69	0.034	48.57	0.022	68.11
	S2	0.130	0.005	86	130/C	0.017	143.37	0.040	139.75	0.030	140.66
	N2	0.144	0.002	87	49/C	0.027	315.61	0.046	267.78	0.036	265.66
	MF	0.023	0.000	76	35/A	0.203	147.67	0.123	98.51	0.080	89.77
	M4	0.098	0.009	97	191/A	0.039	195.39	0.025	212.19	0.017	214.77
	MS4	0.030	0.005	95	237/A	0.012	262.46	0.009	207.73	0.007	198.67

* Current Ellipse for C0 (470,022m) centered at day 343, 1981
† Current Ellipse for C0 (470,025m) centered at day 15, 1982

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 23, 1982*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C0(470,027m) AAND	K1	0.029	0.006	234	80/A	0.018	309.95	0.016	78.04	0.014	81.66
	O1	0.047	0.005	156	221/A	0.035	85.75	0.029	306.92	0.026	301.43
	M2	0.549	0.032	64	101/A	0.129	2.57	0.087	85.67	0.069	93.59
	S2	0.122	0.069	96	163/C	0.010	158.42	0.038	118.53	0.030	118.31
	N2	0.156	0.049	216	232/C	0.024	318.07	0.015	211.00	0.013	207.76
	MF	0.060	0.015	228	60/A	0.209	147.18	0.162	73.13	0.117	63.90
	M4	0.081	0.016	138	181/A	0.036	199.67	0.079	1.86	0.066	2.35
	MS4	0.049	0.011	172	263/A	0.016	271.46	0.037	350.62	0.029	352.92
		CENTERED AT DAY 23, 1982									
C1(471,015m) AAND	K1	0.070	0.014	79	327/C	0.030	14.55	0.027	194.63	0.024	193.02
	O1	0.077	0.025	85	285/C	0.017	39.90	0.057	16.03	0.044	14.31
	M2	0.783	0.079	101	152/C	0.009	291.29	0.018	331.04	0.014	334.34
	S2	0.139	0.009	106	180/C	0.042	201.01	0.022	250.67	0.015	259.53
	N2	0.165	0.018	107	104/C	0.023	2.25	0.044	70.54	0.035	71.58
	MF	0.050	0.000	111	30/A	0.270	116.25	0.048	140.40	0.016	178.94
	M4	0.023	0.002	89	282/C	0.007	156.92	0.034	145.78	0.027	145.18
	MS4	0.012	0.003	104	325/C	0.010	76.98	0.029	102.20	0.023	102.86
		CENTERED AT DAY 23, 1982									
C1(471,030m) AAND	K1	0.064	0.001	72	333/C	0.016	60.56	0.033	175.38	0.028	177.52
	O1	0.074	0.006	80	285/C	0.011	5.30	0.049	5.51	0.038	4.69
	M2	0.721	0.026	101	151/C	0.060	39.91	0.072	36.44	0.052	35.78
	S2	0.129	0.006	100	177/A	0.027	170.83	0.016	312.16	0.015	316.44
	N2	0.145	0.002	103	103/A	0.026	350.53	0.044	27.85	0.034	29.77
	MF	0.031	0.007	86	32/A	0.320	118.50	0.075	106.77	0.029	91.49
	M4	0.019	0.001	98	276/C	0.016	139.92	0.052	138.16	0.040	137.55
	MS4	0.005	0.001	74	335/A	0.018	114.98	0.035	115.02	0.026	114.52

* Current Ellipse for C0 (470,027m) centered at day 335, 1981.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 23, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/oo)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(471,040m) AAND	K1	0.058	0.004	70	336/A	0.013	60.42	0.034	170.40	0.028	171.82
	O1	0.068	0.003	73	287/A	0.016	31.55	0.055	9.13	0.043	7.60
	M2	0.639	0.032	106	144/A	0.076	30.05	0.116	28.25	0.086	27.98
	S2	0.118	0.005	100	175/A	0.012	173.35	0.016	39.12	0.013	36.97
	N2	0.121	0.013	100	102/A	0.033	337.65	0.042	25.75	0.032	29.17
	MF	0.026	0.005	228	244/A	0.400	119.43	0.098	100.99	0.043	82.31
	M4	0.019	0.004	79	293/A	0.005	162.10	0.043	133.65	0.034	132.94
	MS4	0.006	0.000	230	155/C	0.014	115.55	0.039	119.25	0.030	118.97
		CENTERED AT DAY 23, 1982									
C1(471,050m) AAND	K1	0.046	0.003	65	333/A	0.020	88.00	0.032	165.98	0.025	169.52
	O1	0.058	0.006	63	287/A	0.015	12.65	0.062	13.71	0.049	13.37
	M2	0.531	0.071	100	140/A	0.072	20.21	0.130	21.24	0.098	21.31
	S2	0.102	0.005	92	175/A	0.029	185.78	0.018	79.97	0.016	72.08
	N2	0.101	0.008	88	105/A	0.034	347.02	0.044	39.43	0.034	42.97
	MF	0.024	0.002	212	249/C	0.437	119.86	0.116	102.94	0.053	87.69
	M4	0.024	0.000	75	281/A	0.010	194.69	0.037	147.51	0.029	145.75
	MS4	0.008	0.000	223	158/A	0.010	140.54	0.032	125.27	0.025	123.88
		CENTERED AT DAY 23, 1982									
C1(471,055m) AAND	K1	0.040	0.005	73	332/A	0.022	95.67	0.033	161.43	0.026	165.02
	O1	0.049	0.005	68	285/A	0.014	0.92	0.066	16.24	0.052	16.35
	M2	0.466	0.071	105	139/A	0.071	21.95	0.130	21.12	0.098	21.06
	S2	0.091	0.005	97	176/A	0.034	184.12	0.022	80.55	0.018	72.06
	N2	0.090	0.005	92	106/A	0.037	349.67	0.047	38.81	0.036	42.46
	MF	0.021	0.002	220	251/C	0.441	120.03	0.118	103.64	0.054	88.97
	M4	0.021	0.002	78	278/A	0.010	186.70	0.041	149.58	0.032	148.22
	MS4	0.007	0.000	228	153/A	0.008	140.19	0.033	127.74	0.025	126.57

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 23, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(471,057m) AAND	K1	0.036	0.005	79	332/A	0.022	97.96	0.033	160.87	0.026	164.46
	O1	0.043	0.004	74	284/A	0.014	358.81	0.066	17.12	0.051	17.33
	M2	0.427	0.067	110	138/A	0.071	22.70	0.127	21.77	0.096	21.69
	S2	0.083	0.006	103	176/A	0.035	183.62	0.021	82.25	0.017	72.82
	N2	0.083	0.003	98	106/A	0.038	349.65	0.049	38.40	0.037	42.05
	MF	0.018	0.001	226	254/C	0.441	120.11	0.113	103.87	0.050	88.21
	M4	0.018	0.002	75	277/A	0.011	184.53	0.041	148.32	0.032	146.97
	MS4	0.007	0.000	224	150/A	0.007	138.72	0.033	129.05	0.026	128.05
		CENTERED AT DAY 23, 1982									
C2(472,015m) AAND	K1	0.073	0.033	94	332/C	0.019	85.23	0.032	228.75	0.027	229.77
	O1	0.076	0.019	99	288/C	0.027	16.34	0.047	42.16	0.036	43.45
	M2	0.632	0.033	105	172/C	0.043	275.81	0.010	268.30	0.005	261.50
	S2	0.120	0.012	112	210/C	0.035	297.51	0.012	233.32	0.008	213.76
	N2	0.129	0.022	101	137/C	0.019	173.11	0.048	161.08	0.036	160.33
	MF	0.037	0.002	128	27/C	0.316	105.00	0.047	90.99	0.012	40.70
	M4	0.013	0.002	162	232/C	0.011	348.81	0.014	347.01	0.010	346.69
	MS4	0.008	0.000	185	280/A	0.010	341.89	0.003	101.33	0.003	111.97
		CENTERED AT DAY 23, 1982									
C2(472,050m) AAND	K1	0.050	0.005	83	344/C	0.012	60.74				
	O1	0.057	0.017	96	297/C	0.025	10.86				
	M2	0.600	0.040	112	161/C	0.080	278.70				
	S2	0.115	0.007	112	191/C	0.050	317.90				
	N2	0.124	0.004	112	122/C	0.048	31.83				
	MF	0.028	0.012	100	49/A	0.358	95.40				
	M4	0.013	0.000	225	329/A	0.037	322.89				
	MS4	0.004	0.002	114	227/C	0.015	345.19				

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 23, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C2(472,100m) AAND	K1	0.039	0.002	231	166/C	0.028	105.81	0.012	67.33	0.007	54.12
	O1	0.045	0.007	63	297/C	0.023	16.85	0.088	22.65	0.069	22.70
	M2	0.468	0.041	126	137/A	0.060	30.46	0.134	29.41	0.102	29.47
	S2	0.093	0.023	122	170/A	0.011	219.45	0.015	106.66	0.013	97.39
	N2	0.099	0.028	129	86/A	0.031	91.38	0.005	147.89	0.004	193.87
	MF	0.031	0.002	70	27/A	0.382	105.18	0.153	116.07	0.084	121.05
	M4	0.007	0.001	103	301/A	0.013	343.67	0.018	275.01	0.014	270.15
	MS4	0.003	0.001	227	93/C	0.010	42.57	0.002	225.89	0.003	227.61
		CENTERED AT DAY 192, 1982									
C0A(473,011m) VACM	K1					0.018	312.26				
	O1					0.012	1.99				
	M2					0.238	337.87				
	S2					0.052	325.23				
	N2					0.059	309.44				
	MF					0.218	234.84				
	M4					0.149	346.86				
	MS4					0.027	6.59				
		CENTERED AT DAY 192, 1982									
C0A(473,016m) AAND	K1	0.037	0.003	100	253/C	0.012	230.36	0.015	9.77	0.013	14.86
	O1	0.042	0.006	96	212/C	0.017	309.69	0.015	225.06	0.012	212.73
	M2	0.927	0.044	97	103/A	0.209	183.81	0.023	29.14	0.044	14.30
	S2	0.162	0.005	99	132/A	0.044	167.66	0.032	71.05	0.027	59.38
	N2	0.160	0.003	96	65/C	0.053	159.61	0.023	288.80	0.024	300.39
	MF	0.003	0.001	218	9/C	0.209	232.04	0.035	83.13	0.047	69.56
	M4	0.094	0.013	89	215/C	0.113	34.62	0.032	222.78	0.041	220.02
	MS4	0.029	0.007	96	253/C	0.018	51.18	0.017	330.88	0.014	321.21

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 192, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/oo)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
CO(473,023m) AAND	K1	0.038	0.005	89	248/C	0.015	232.78	0.019	6.44	0.017	12.00
	O1	0.039	0.005	92	207/C	0.011	293.77	0.017	215.89	0.013	208.69
	M2	0.830	0.090	89	103/A	0.136	177.80	0.011	65.14	0.021	18.13
	S2	0.144	0.010	88	128/A	0.027	157.99	0.014	65.25	0.012	49.12
	N2	0.148	0.005	88	67/A	0.034	161.04	0.025	274.51	0.022	284.13
	MF	0.006	0.001	225	348/C	0.217	243.97	0.067	62.97	0.075	65.05
	M4	0.077	0.017	102	212/A	0.074	68.63	0.011	8.36	0.009	301.60
	MS4	0.024	0.006	99	247/A	0.008	74.39	0.026	348.04	0.021	344.44
		CENTERED AT DAY 192, 1982									
CO(473,026m) AAND	K1	0.033	0.002	92	248/C	0.006	230.07	0.019	10.68	0.016	11.75
	O1	0.034	0.003	89	205/C	0.004	293.56	0.016	213.55	0.013	212.12
	M2	0.713	0.080	90	104/A	0.049	179.15	0.013	68.60	0.012	52.70
	S2	0.129	0.010	91	131/A	0.010	151.06	0.012	83.53	0.010	79.68
	N2	0.127	0.005	90	67/A	0.011	156.24	0.023	270.04	0.019	272.26
	MF	0.005	0.002	238	1/C	0.079	245.21	0.051	75.31	0.046	74.59
	M4	0.061	0.014	105	209/A	0.025	71.79	0.013	16.41	0.010	6.95
	MS4	0.021	0.004	101	250/A	0.003	79.54	0.024	353.88	0.020	352.92
		CENTERED AT DAY 192, 1982									
CO(473,028m) AAND	K1					0.017	231.43	0.018	6.97	0.016	13.28
	O1					0.012	283.28	0.021	208.71	0.016	202.77
	M2					0.134	179.52	0.016	25.43	0.029	10.57
	S2					0.027	147.54	0.021	85.51	0.015	73.91
	N2					0.030	156.77	0.024	270.90	0.021	279.64
	MF					0.214	245.66	0.013	36.69	0.031	61.87
	M4					0.066	72.99	0.011	31.59	0.007	325.80
	MS4					0.009	79.83	0.025	354.04	0.021	349.83

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 193, 1982*									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(474,014m) AAND	K1					0.026	13.86	0.018	94.17	0.012	109.76
	O1					0.005	231.18	0.022	211.70	0.020	213.02
	M2					0.100	182.05	0.078	51.15	0.079	49.49
	S2					0.036	152.25	0.025	346.81	0.019	343.90
	N2					0.040	240.61	0.053	134.80	0.049	34.95
	MF					0.249	287.73	0.035	287.48	0.024	291.85
	M4					0.015	206.81	0.035	235.18	0.028	230.07
	MS4					0.012	122.85	0.034	202.00	0.028	204.30
		CENTERED AT DAY 192, 1982									
C1(474,021m) AAND	K1	0.074	0.003	79	316/C	0.084	39.29	0.014	341.31	0.011	281.54
	O1	0.092	0.009	81	278/C	0.085	3.11	0.036	229.70	0.038	216.14
	M2	0.753	0.030	104	151/C	0.237	213.26	0.116	33.61	0.125	32.43
	S2	0.148	0.003	103	176/A	0.041	259.60	0.019	330.38	0.016	353.13
	N2	0.145	0.004	102	113/A	0.056	256.83	0.032	54.70	0.032	59.55
	MF	0.024	0.001	71	78/C	0.305	272.53	0.018	330.97	0.032	81.48
	M4	0.023	0.003	116	291/C	0.017	250.23	0.027	238.63	0.020	239.47
	MS4	0.010	0.001	80	333/C	0.024	189.64	0.007	148.99	0.004	105.22
		CENTERED AT DAY 192, 1982									
C1(474,031m) AAND	K1	0.068	0.003	82	321/C	0.095	38.82	0.017	2.83	0.009	297.51
	O1	0.086	0.010	84	282/C	0.124	22.70	0.031	236.88	0.041	223.13
	M2	0.665	0.040	116	146/A	0.307	213.97	0.138	23.05	0.151	25.63
	S2	0.132	0.014	114	172/A	0.073	227.16	0.035	326.81	0.032	346.22
	N2	0.131	0.004	111	111/A	0.065	241.50	0.025	51.67	0.029	53.16
	MF	0.024	0.000	75	87/A	0.354	264.60	0.024	153.90	0.056	109.04
	M4	0.024	0.001	104	270/C	0.011	257.92	0.039	232.18	0.031	231.70
	MS4	0.010	0.001	81	321/C	0.019	150.39	0.003	156.52	0.001	231.81

* Salinity and Sigma-T for C1 (474,014m) centered at day 156, 1982.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 192, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/oo)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(474,041m) AAND	K1	0.054	0.006	71	320/C	0.069	48.75	0.023	32.39	0.010	14.24
	O1	0.068	0.012	75	282/C	0.096	29.37	0.019	235.29	0.028	223.57
	M2	0.055	0.083	108	140/A	0.304	218.96	0.128	21.97	0.140	26.79
	S2	0.117	0.016	106	169/A	0.061	244.16	0.032	337.63	0.027	354.47
	N2	0.119	0.005	105	109/A	0.066	217.81	0.026	36.81	0.030	34.02
	MF	0.014	0.002	71	95/A	0.387	256.48	0.051	160.37	0.067	116.69
	M4	0.018	0.003	98	243/A	0.025	324.21	0.046	233.36	0.038	228.06
	MS4	0.008	0.000	81	315/C	0.023	92.18	0.008	217.88	0.009	233.02
		CENTERED AT DAY 110, 1982									
C1(474,046m) AAND	K1	0.039	0.006	83	309/C	0.034	353.43	0.055	2.94	0.042	3.47
	O1	0.048	0.005	79	266/C	0.019	156.58	0.065	203.87	0.052	204.68
	M2	0.366	0.025	106	129/A	0.094	34.03	0.083	315.32	0.065	308.60
	S2	0.071	0.016	102	126/A	0.022	212.23	0.021	0.49	0.018	5.12
	N2	0.136	0.012	108	132/A	0.030	20.83	0.122	12.64	0.096	11.97
	MF	0.011	0.001	234	3/A	0.490	240.60	0.065	276.95	0.032	320.49
	M4	0.012	0.001	72	240/A	0.021	266.83	0.106	277.08	0.083	277.09
	MS4	0.010	0.004	106	341/C	0.014	190.39	0.081	209.47	0.064	209.53
		CENTERED AT DAY 192, 1982*									
C1(474,048m) AAND	K1	0.031	0.004	70	319/C	0.063	46.62	0.040	63.23	0.027	62.84
	O1	0.039	0.007	74	280/C	0.083	32.28	0.037	259.88	0.031	251.78
	M2	0.325	0.057	106	138/A	0.294	223.86	0.126	28.79	0.117	31.05
	S2	0.070	0.012	104	169/A	0.063	245.98	0.004	163.59	0.002	78.05
	N2	0.075	0.003	103	109/A	0.066	208.54	0.066	22.13	0.059	22.17
	MF	0.007	0.004	78	87/A	0.381	255.49	0.034	223.09	0.006	66.80
	M4	0.012	0.007	113	205/A	0.036	313.47	0.041	276.90	0.033	273.27
	MS4	0.006	0.001	239	133/A	0.018	96.77	0.005	289.40	0.005	285.34

* Salinity and Sigma-T for C1 (474,048m) centered at day 144, 1982.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 193, 1982									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C2(475,023m) AAND	K1	0.055	0.017	89	324/C	0.010	237.48	0.021	60.07	0.019	59.53
	O1	0.064	0.019	87	289/C	0.017	148.46	0.020	263.43	0.018	267.83
	M2	0.542	0.025	103	174/C	0.034	194.66	0.020	344.57	0.019	354.87
	S2	0.119	0.001	101	208/A	0.065	353.88	0.038	50.51	0.026	65.16
	N2	0.118	0.013	101	143/C	0.030	73.88	0.023	167.91	0.019	179.44
	MF	0.031	0.002	94	65/C	0.181	266.77	0.077	158.04	0.072	147.39
	M4	0.012	0.001	149	229/C	0.017	49.01	0.025	60.49	0.017	62.85
	MS4	0.007	0.003	141	266/C	0.033	171.56	0.025	42.52	0.023	32.04
		CENTERED AT DAY 193, 1982*									
C2(475,058m) AAND	K1	0.062	0.005	107	286/A	0.075	73.46	0.021	57.83	0.009	38.32
	O1	0.061	0.018	73	297/C	0.058	35.39	0.032	275.73	0.030	262.84
	M2	0.581	0.095	105	170/C	0.367	256.67	0.040	52.68	0.079	67.10
	S2	0.131	0.019	115	214/C	0.046	260.22	0.041	61.49	0.040	61.99
	N2	0.122	0.062	153	137/C	0.016	226.89	0.014	101.35	0.013	88.70
	MF	0.108	0.011	98	150/A	0.329	239.72	0.064	195.73	0.036	149.62
	M4	0.018	0.005	92	151/A	0.027	61.28	0.025	58.56	0.016	57.28
	MS4	0.021	0.006	225	15/A	0.019	101.23	0.020	46.51	0.014	39.63
		CENTERED AT DAY 193, 1982									
C2(475,108m) AAND	K1	0.043	0.004	238	159/A	0.041	66.70	0.034	69.87	0.023	70.07
	O1	0.054	0.005	66	301/C	0.037	58.74	0.025	302.95	0.023	291.34
	M2	0.437	0.064	119	149/A	0.213	245.01	0.068	45.04	0.084	51.92
	S2	0.084	0.022	117	178/A	0.019	128.09	0.047	58.12	0.038	53.93
	N2	0.091	0.018	120	117/A	0.046	121.60	0.014	97.71	0.006	67.53
	MF	0.016	0.004	102	88/A	0.253	240.71	0.042	253.71	0.007	308.47
	M4	0.016	0.005	191	338/C	0.032	76.90	0.024	59.47	0.016	54.48
	MS4	0.007	0.000	135	13/C	0.014	68.23	0.025	42.06	0.019	39.95

* Current Ellipse for C2 (475,058m) centered at day 89, 1982.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 16, 1983									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C0A(525,016m) VACM	K1	0.046	0.002	97	258/C	0.007	139.24				
	O1	0.047	0.004	99	218/C	0.016	41.69				
	M2	1.017	0.033	101	111/C	0.052	26.65				
	S2	0.192	0.007	102	134/C	0.019	63.07				
	N2	0.215	0.012	101	75/C	0.019	214.88				
	MF	0.013	0.003	81	63/A	0.138	330.33				
	M4	0.099	0.029	94	232/C	0.014	211.56				
	MS4	0.032	0.008	97	275/C	0.006	101.39				
		CENTERED AT DAY 16, 1983									
C0A(525,021m) AAND	K1	0.044	0.002	101	260/C	0.005	150.20	0.027	111.41	0.022	109.32
	O1	0.046	0.007	107	220/C	0.014	41.54	0.029	39.15	0.022	39.05
	M2	0.978	0.029	106	114/C	0.046	23.96	0.065	26.77	0.049	26.58
	S2	0.185	0.003	108	138/C	0.022	74.42	0.017	45.84	0.011	38.23
	N2	0.204	0.014	105	77/C	0.015	223.34	0.020	291.92	0.016	303.02
	MF	0.013	0.002	99	56/A	0.134	330.11	0.024	23.06	0.015	76.16
	M4	0.094	0.024	93	235/C	0.010	226.73	0.029	220.77	0.023	220.55
	MS4	0.030	0.008	99	279/C	0.002	229.54	0.006	288.06	0.005	288.66
		CENTERED AT DAY 16, 1983									
C0(525,022m) AAND	K1	0.042	0.001	100	258/C	0.004	182.83	0.024	104.03	0.020	101.62
	O1	0.045	0.005	106	219/C	0.012	31.27	0.031	34.29	0.024	34.55
	M2	0.941	0.022	103	113/C	0.042	27.50	0.046	21.37	0.034	20.14
	S2	0.176	0.004	106	138/C	0.022	73.97	0.033	70.75	0.023	70.36
	N2	0.196	0.010	102	76/C	0.008	213.75	0.018	331.97	0.016	337.52
	MF	0.010	0.009	126	30/A	0.130	328.53	0.016	17.17	0.011	99.68
	M4	0.119	0.016	94	232/C	0.005	284.91	0.013	324.33	0.010	323.87
	MS4	0.037	0.005	98	274/C	0.005	247.98	0.030	244.38	0.024	244.17

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 16, 1983									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
CO(525,025m) AAND	K1	0.038	0.001	92	258/C	0.004	179.81	0.024	104.85	0.020	102.41
	O1	0.041	0.001	100	216/C	0.011	31.59	0.031	32.97	0.024	33.15
	M2	0.844	0.012	99	112/C	0.041	26.17	0.046	18.84	0.034	17.68
	S2	0.157	0.002	100	137/A	0.022	73.97	0.032	70.54	0.023	70.09
	N2	0.175	0.012	99	76/C	0.008	218.59	0.019	330.19	0.017	336.19
	MF	0.012	0.007	97	55/A	0.131	328.59	0.016	22.55	0.012	99.59
	M4	0.114	0.017	88	228/C	0.005	282.50	0.013	322.05	0.010	321.90
	MS4	0.034	0.003	91	270/C	0.004	243.54	0.031	245.86	0.024	245.71
		CENTERED AT DAY 16, 1983*									
CO(525,027m) AAND	K1	0.034	0.002	109	275/C	0.004	175.85	0.024	104.61	0.020	102.21
	O1	0.042	0.006	115	212/C	0.012	30.54	0.030	33.67	0.023	33.93
	M2	0.614	0.018	93	117/A	0.041	26.23	0.046	20.09	0.034	19.03
	S2	0.121	0.003	92	150/C	0.022	74.03	0.032	72.23	0.023	72.05
	N2	0.121	0.003	93	87/A	0.008	216.81	0.018	331.19	0.016	337.26
	MF	0.019	0.016	219	174/C	0.130	328.73	0.012	18.46	0.011	116.24
	M4	0.103	0.034	129	232/A	0.005	281.94	0.012	324.91	0.009	324.93
	MS4	0.022	0.012	126	255/A	0.004	243.62	0.030	245.05	0.024	244.95
		CENTERED AT DAY 17, 1983									
C1(526,010m) VACM	K1	0.063	0.006	84	314/C	0.008	1.07				
	O1	0.076	0.008	84	272/C	0.012	85.75				
	M2	0.761	0.057	103	147/C	0.029	54.74				
	S2	0.160	0.007	105	173/C	0.036	87.54				
	N2	0.174	0.013	103	115/C	0.026	90.09				
	MF	0.029	0.005	82	56/A	0.115	55.33				
	M4	0.023	0.009	92	285/C	0.015	233.93				
	MS4	0.010	0.000	94	330/C	0.007	218.85				

* Current Ellipse for CO (525,027m) centered at day 351, 1982.

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 17, 1983									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. ($kg\ m^{-3}$)	PHASE (GMT)
C1(526,026m) AAND	K1	0.065	0.001	77	319/C	0.013	15.16	0.010	162.79	0.009	166.56
	O1	0.078	0.005	83	277/C	0.013	358.16	0.030	78.39	0.024	82.34
	M2	0.739	0.030	106	148/C	0.017	124.24	0.072	20.84	0.060	18.58
	S2	0.155	0.002	107	175/C	0.014	42.92	0.024	233.91	0.020	234.80
	N2	0.160	0.008	106	113/C	0.007	168.36	0.029	38.15	0.025	35.58
	MF	0.022	0.001	73	62/C	0.105	47.99	0.040	54.63	0.020	51.19
	M4	0.021	0.002	99	288/C	0.014	214.57	0.026	250.84	0.020	254.92
	MS4	0.008	0.001	104	351/A	0.009	252.51	0.008	113.54	0.007	106.25
		CENTERED AT DAY 17, 1983									
C1(526,036m) AAND	K1	0.059	0.001	73	321/C	0.018	28.25	0.010	147.35	0.010	158.19
	O1	0.070	0.005	80	280/C	0.024	346.78	0.033	75.56	0.027	82.41
	M2	0.645	0.022	110	144/A	0.017	186.52	0.091	19.26	0.077	19.01
	S2	0.135	0.014	106	173/A	0.014	310.36	0.020	237.45	0.014	231.44
	N2	0.143	0.001	110	109/C	0.020	248.06	0.032	42.88	0.029	45.43
	MF	0.020	0.003	78	59/C	0.098	36.09	0.055	48.02	0.033	48.58
	M4	0.020	0.002	75	289/A	0.008	259.24	0.029	252.50	0.023	252.25
	MS4	0.008	0.000	77	342/C	0.006	243.66	0.007	139.72	0.005	130.99
		CENTERED AT DAY 17, 1983									
C1(526,046m) AAND	K1	0.050	0.000	71	321/C	0.020	22.31	0.013	146.19	0.012	155.22
	O1	0.060	0.005	78	279/C	0.025	358.49	0.035	70.69	0.028	77.24
	M2	0.554	0.051	108	141/A	0.017	203.88	0.095	17.77	0.080	18.11
	S2	0.115	0.015	103	172/A	0.027	308.01	0.020	237.53	0.014	223.59
	N2	0.126	0.003	110	106/A	0.023	247.43	0.033	47.02	0.030	49.46
	MF	0.017	0.004	82	49/C	0.102	28.55	0.056	42.39	0.034	44.38
	M4	0.016	0.003	65	281/A	0.012	290.42	0.033	244.96	0.026	242.17
	MS4	0.007	0.000	86	331/C	0.005	273.84	0.007	145.83	0.006	142.22

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 17, 1983									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C1(526,051m) AAND	K1					0.021	20.19	0.012	145.24	0.012	154.53
	O1					0.026	358.72	0.037	70.83	0.029	77.19
	M2					0.014	201.64	0.094	18.60	0.079	18.86
	S2					0.026	308.98	0.018	235.67	0.013	220.40
	N2					0.021	244.55	0.032	47.94	0.030	49.89
	MF					0.102	27.71	0.062	35.84	0.038	35.93
	M4					0.013	287.32	0.031	247.94	0.024	244.90
	MS4					0.006	286.67	0.007	147.01	0.006	143.42
		CENTERED AT DAY 330, 1982									
C1(526,053m) AAND	K1	0.044	0.005	78	322/A	0.040	355.80	0.028	319.80	0.018	309.51
	O1	0.065	0.000	81	276/C	0.042	6.17	0.055	117.55	0.047	124.78
	M2	0.424	0.083	109	141/A	0.181	217.36	0.190	11.76	0.176	15.20
	S2	0.070	0.013	104	186/A	0.073	293.04	0.103	258.64	0.076	253.69
	N2	0.080	0.011	123	113/A	0.112	221.71	0.113	66.59	0.106	63.34
	MF	0.043	0.002	60	11/A	0.250	62.02	0.130	80.00	0.070	89.68
	M4	0.016	0.002	183	201/C	0.036	274.03	0.100	253.08	0.077	251.42
	MS4	0.008	0.003	110	351/A	0.004	83.47	0.047	146.51	0.038	147.16
		CENTERED AT DAY 17, 1983									
C2(527,013m) AAND	K1	0.062	0.019	88	330/C	0.015	339.76	0.018	190.47	0.016	186.37
	O1	0.068	0.022	95	293/C	0.024	109.97	0.026	88.58	0.019	84.65
	M2	0.615	0.039	109	173/C	0.037	73.12	0.009	279.00	0.012	267.59
	S2	0.128	0.011	104	207/C	0.006	173.04	0.034	260.65	0.028	261.58
	N2	0.125	0.003	112	139/A	0.020	107.88	0.034	316.49	0.030	313.46
	MF	0.046	0.005	71	76/A	0.068	144.39	0.030	253.00	0.029	277.86
	M4	0.017	0.004	144	298/C	0.003	167.58	0.008	107.61	0.006	103.99
	MS4	0.006	0.001	160	359/A	0.011	161.84	0.018	223.05	0.014	228.23

TABLE 7 - CONTINUED

SITE (Mooring) (Depth)	CONSTITUENT	CENTERED AT DAY 17, 1983									
		CURRENT ELLIPSE				TEMPERATURE		SALINITY		SIGMA-T	
		MAJ. (ms^{-1})	MIN. (ms^{-1})	ORIEN. (°T)	PHASE SENSE	AMP. (°C)	PHASE (GMT)	AMP. (°/₀₀)	PHASE (GMT)	AMP. (kg m^{-3})	PHASE (GMT)
C2(527,042m) AAND	K1	0.056	0.001	82	335/C	0.010	13.95	0.020	193.36	0.018	193.25
	O1	0.070	0.014	92	297/C	0.027	85.01	0.028	87.84	0.019	89.12
	M2	0.607	0.055	107	170/C	0.044	39.71	0.046	49.49	0.034	52.23
	S2	0.130	0.012	108	201/C	0.029	98.20	0.010	270.72	0.012	268.02
	N2	0.135	0.008	109	139/C	0.026	30.09	0.048	347.96	0.036	345.31
	MF	0.029	0.004	69	62/A	0.035	314.03	0.033	285.35	0.022	288.97
	M4	0.012	0.002	100	167/C	0.009	334.62	0.006	79.90	0.005	94.60
	MS4	0.007	0.001	124	162/A	0.015	141.05	0.018	205.00	0.014	211.91
		CENTERED AT DAY 17, 1983									
C2(527,092m) AAND	K1	0.041	0.006	239	161/A	0.044	96.01	0.027	131.95	0.018	141.80
	O1	0.058	0.002	70	297/C	0.046	28.26	0.040	53.66	0.027	58.65
	M2	0.458	0.059	123	148/A	0.105	25.47	0.111	37.80	0.080	39.84
	S2	0.095	0.022	125	178/A	0.027	301.49	0.021	304.02	0.013	303.69
	N2	0.115	0.009	121	122/A	0.033	280.39	0.037	352.26	0.030	359.59
	MF	0.009	0.004	162	101/C	0.059	291.60	0.019	89.95	0.022	94.05
	M4	0.014	0.000	128	46/A	0.016	350.46	0.008	355.48	0.005	356.49
	MS4	0.005	0.000	136	25/C	0.005	180.65	0.016	218.88	0.012	220.37

TABLE 8

GENERAL TIDAL ANALYSIS FOR BOTTOM PRESSURE AND TEMPERATURE

Site (Mooring) (Depth)	Centered at Day	CONSTITUENT	TEMPERATURE		PRESSURE	
			Amp. (°C)	Phase (GMT)	Amp. (MBAR)	Phase (GMT)
C2(416,110 m)	267, 1980	K1			15.287	168.29
		O1			8.134	150.39
		M2			81.936	31.15
		S2			14.231	56.28
		N2			21.189	9.22
		MF			1.156	236.91
		M4			1.323	163.49
		MS4			0.800	168.29
C2(445,110 m)	185, 1981	K1	0.026	59.94	8.759	163.33
		O1	0.051	40.95	8.939	151.51
		M2	0.125	248.94	81.955	30.51
		S2	0.071	272.43	19.480	55.70
		N2	0.072	160.37	18.303	3.33
		MF	0.168	15.27	1.315	21.14
		M4	0.032	87.40	1.246	156.63
		MS4	0.003	324.79	0.520	168.77
C2(467,110 m)	315, 1981	K1	0.018	27.42	11.733	173.08
		O1	0.061	127.53	8.459	148.24
		M2	0.431	246.58	80.815	30.17
		S2	0.087	318.17	15.146	51.42
		N2	0.137	267.66	22.109	9.04
		MF	0.252	128.78	3.516	84.65
		M4	0.061	125.54	1.300	156.46
		MS4	0.035	200.35	0.458	167.87

TABLE 8 (Continued)

Site (Mooring) (Depth)	Centered at Day	CONSTITUENT	TEMPERATURE		PRESSURE	
			Amp. (°C)	Phase (GMT)	Amp. (MBAR)	Phase (GMT)
C2(472,110 m)	23, 1982	K1	0.029	129.92	10.589	166.72
		O1	0.028	32.07	8.328	152.52
		M2	0.055	71.97	81.999	29.75
		S2	0.006	275.88	17.677	50.28
		N2	0.027	124.59	18.158	352.73
		MF	0.369	106.05	4.621	210.57
		M4	0.005	31.77	1.156	149.30
		MS4	0.006	146.08	0.544	151.40
CO(525,029 m)	16, 1983	K1	0.008	133.88	11.565	152.98
		O1	0.017	34.21	9.158	135.05
		M2	0.044	31.68	94.424	17.34
		S2	0.018	70.12	23.241	38.87
		N2	0.018	212.00	22.439	348.09
		MF	0.133	330.98	2.495	222.55
		M4	0.011	233.31	3.604	98.13
		MS4	0.005	118.79	1.767	132.57
C2(527,110 m)	17, 1983	K1	0.042	96.42	10.219	161.99
		O1	0.048	28.47	8.617	151.04
		M2	0.091	23.81	81.233	30.27
		S2	0.023	295.53	19.671	48.81
		N2	0.038	281.96	20.234	1.15
		MF	0.049	273.12	2.097	217.94
		M4	0.003	284.77	1.224	151.92
		MS4	0.005	131.71	0.390	159.57

TABLE 9

GENERAL TIDAL ANALYSIS FOR SEA LEVELS

LOCATION	CONSTITUENT	Centered at Day 252, 1980		Centered at Day 35, 1981		Centered at Day 161, 1981	
		*13/08/80 to 03/10/80		07/01/81 to 03/03/81		21/05/81 to 01/07/81	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
YARMOUTH	K1	16.575	182.72	13.100	180.65	13.022	181.62
	O1	9.911	167.22	9.599	161.67	10.652	155.72
	M2	164.329	61.70	166.424	63.04	167.637	61.82
	S2	23.890	92.42	28.677	96.83	24.412	108.86
	N2	39.742	49.42	28.015	36.42	40.340	18.66
	MF	3.608	280.00	1.822	342.87	8.698	275.16
	M4	2.140	169.25	1.313	151.07	2.539	123.83
	MS4	0.467	235.78	0.564	229.42	1.409	167.96

LOCATION	CONSTITUENT	Centered at Day 218, 1981		Centered at Day 298, 1981		Centered at Day 151, 1982	
		09/07/81 to 02/09/81		08/10/81 to 10/11/81		13/04/82 to 18/07/82	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
YARMOUTH	K1	14.184	179.38	15.491	190.21	12.946	187.43
	O1	10.472	166.26	8.676	166.57	10.017	163.96
	M2	165.550	65.58	159.878	64.48	166.491	64.22
	S2	25.363	100.02	25.981	93.53	25.468	107.46
	N2	27.513	30.06	41.598	47.11	38.535	39.48
	MF	1.532	82.07	5.232	266.02	0.797	214.64
	M4	1.537	113.97	1.022	140.96	1.970	175.31
	MS4	1.467	193.08	1.509	163.13	0.452	204.04

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers

TABLE 9 (Continued)

LOCATION	CONSTITUENT	Centered at Day 230, 1982 *19/07/82 to 16/09/82 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 321, 1982 03/11/82 to 02/12/82 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 31, 1983 03/12/82 to 31/03/83 DISPLACEMENT AMP. (cm)	PHASE (GMT)
YARMOUTH	K1	14.651	179.41	14.157	187.27	13.024	175.09
	O1	11.479	161.91	11.779	162.21	9.993	164.28
	M2	164.309	64.85	164.306	63.41	162.397	62.81
	S2	23.996	94.20	25.008	96.56	30.497	89.93
	N2	35.578	21.05	34.218	49.50	40.661	30.81
	MF	1.575	286.77	1.040	181.65	3.593	231.69
	M4	1.865	181.25	2.024	179.58	1.776	165.66
	MS4	0.941	230.49	1.112	188.29	1.075	190.28

		Centered at Day 260, 1980 02/09/80 to 01/10/80 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 6, 1981 14/10/80 to 31/03/81 DISPLACEMENT AMP. (cm)	PHASE (GMT)	Centered at Day 170, 1981 01/04/81 to 06/09/81 DISPLACEMENT AMP. (cm)	PHASE (GMT)
HALIFAX	K1	13.624	119.86	7.241	113.24	8.445	121.98
	O1	3.642	84.88	5.383	91.36	5.164	84.97
	M2	63.012	349.68	62.781	349.09	63.287	351.35
	S2	13.288	23.93	17.795	16.73	15.970	27.84
	N2	15.477	328.74	13.234	324.88	14.291	324.43
	MF	4.246	319.43	2.854	330.19	0.906	310.61
	M4	3.570	259.42	2.803	273.98	2.747	281.93
	MS4	2.849	47.41	1.749	55.35	2.064	63.84

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers

TABLE 9 (Continued)

LOCATION	CONSTITUENT	Centered at Day 291, 1981		Centered at Day 337,1981		Centered at Day 49, 1982	
		*01/10/81 to 04/11/81		04/11/81 to 01/01/82		07/01/82 to 31/03/82	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
HALIFAX	K1	10.666	135.52	9.325	121.93	9.499	130.29
	O1	4.944	84.72	4.386	112.22	5.170	97.19
	M2	63.576	350.14	62.447	349.87	62.960	349.24
	S2	13.719	14.60	16.808	21.96	13.918	18.92
	N2	13.152	336.45	16.171	326.26	12.513	317.16
	MF	2.692	179.01	3.493	217.19	11.503	246.12
	M4	3.012	289.26	3.596	275.11	3.718	271.12
	MS4	1.813	45.04	1.906	15.01	1.997	50.58

		Centered at Day 182, 1982		Centered at Day 365, 1982	
		01/04/82 to 30/09/82		01/10/82 to 31/03/83	
		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
HALIFAX	K1	7.922	116.44	7.057	124.36
	O1	4.496	92.39	4.560	98.71
	M2	62.837	351.34	62.223	352.01
	S2	17.401	24.43	20.520	23.67
	N2	13.954	327.81	14.029	327.54
	MF	1.548	303.59	3.427	270.43
	M4	3.821	270.19	3.967	270.89
	MS4	1.713	49.52	2.014	39.76

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers

TABLE 9 (Continued)

LOCATION	CONSTITUENT	Centered at Day 244, 1980		Centered at Day 313, 1980		Centered at Day 53, 1981	
		*01/08/80 to 25/09/80		01/10/80 to 16/12/80		21/01/81 to 26/03/81	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
SHELBURNE	K1	16.948	142.62	13.072	153.94	13.398	143.58
	O1	7.476	124.70	9.885	117.18	9.169	136.16
	M2	74.558	359.57	72.880	0.09	73.740	358.09
	S2	12.782	28.55	14.878	31.18	14.692	28.07
	N2	17.554	345.30	18.724	331.12	13.640	336.70
	MF	3.024	302.14	3.489	133.05	8.557	336.82
	M4	1.237	255.14	1.279	248.47	1.217	244.23
	MS4	0.356	84.31	0.335	50.33	0.490	139.27

		Centered at Day 185, 1981		Centered at Day 332, 1981		Centered at Day 71, 1982	
		06/04/81 to 30/09/81		16/10/81 to 09/01/82		20/02/82 to 31/03/82	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
SHELBURNE	K1	10.881	146.78	12.137	156.78	13.990	153.90
	O1	9.033	125.96	7.420	132.00	8.824	127.65
	M2	72.145	3.48	72.062	2.74	73.717	359.58
	S2	16.637	28.86	14.987	34.37	15.518	31.32
	N2	16.783	333.02	18.415	336.85	12.591	326.89
	MF	0.629	271.72	0.495	102.73	13.065	245.29
	M4	0.889	257.92	0.687	250.60	0.501	205.12
	MS4	0.703	89.23	0.414	53.30	0.803	46.65

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers.

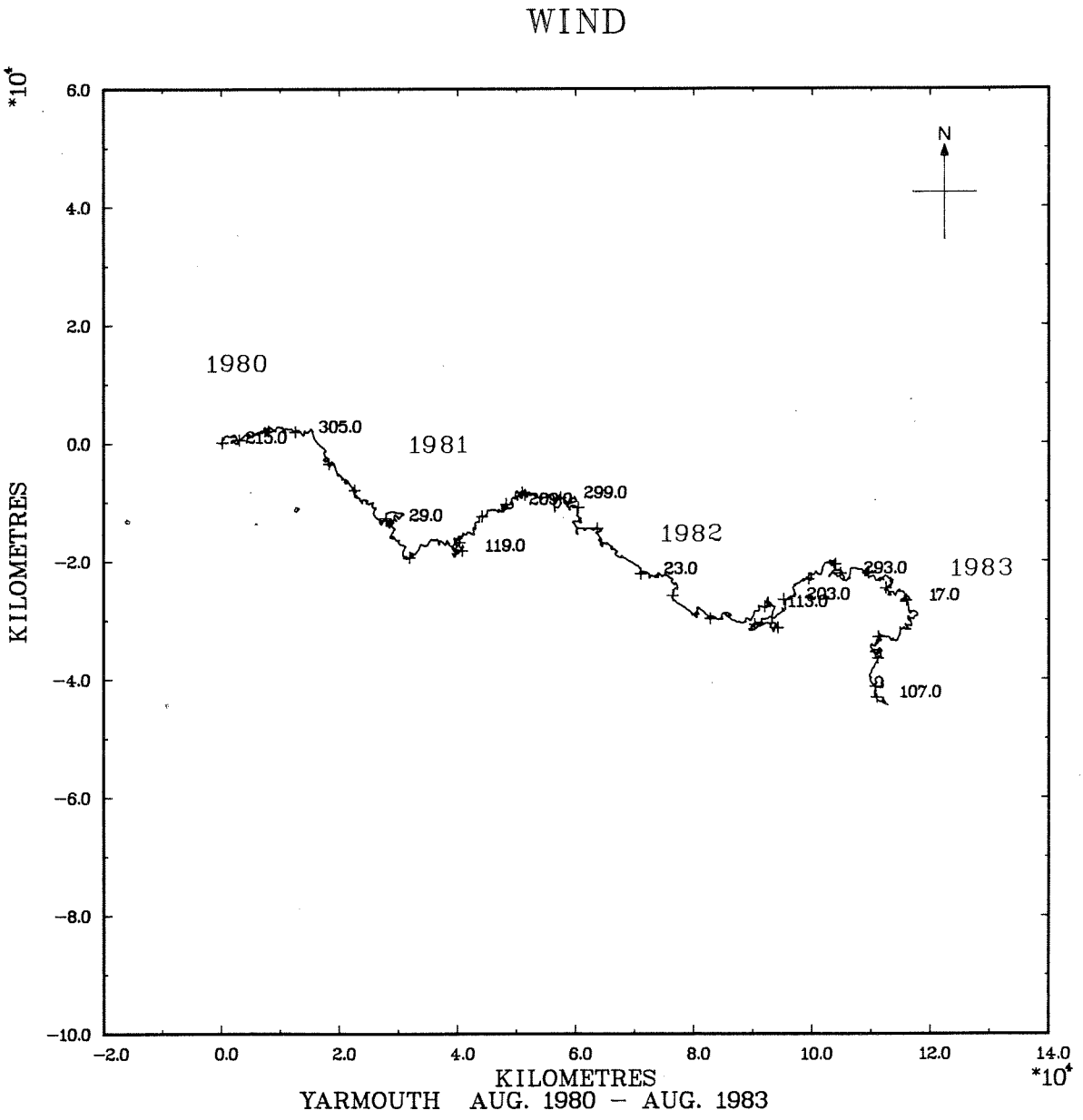
TABLE 9 (Continued)

LOCATION	CONSTITUENT	Centered at Day 186, 1982		Centered at Day 291, 1982		Centered at Day 21, 1983	
		*05/05/82 to 04/09/82		01/10/82 to 04/11/82		13/11/82 to 31/03/83	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
SHELBURNE	K1	11.424	146.31	12.190	156.62	10.704	146.56
	O1	8.193	127.14	9.214	131.42	7.911	127.03
	M2	71.381	4.19	69.943	2.70	70.130	2.83
	S2	14.982	34.73	14.594	29.02	16.655	24.18
	N2	16.931	335.75	12.557	335.99	16.967	333.98
	MF	1.894	201.00	8.702	280.13	4.796	248.00
	M4	0.834	296.71	0.937	256.65	1.061	289.49
	MS4	0.659	83.15	1.001	21.14	0.525	83.64

		Centered at Day 263, 1982		Centered at Day 289, 1982		Centered at Day 17, 1983	
		09/09/82 to 30/09/82		01/10/82 to 01/11/82		04/11/82 to 31/03/83	
		DISPLACEMENT		DISPLACEMENT		DISPLACEMENT	
		AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)	AMP. (cm)	PHASE (GMT)
CLARK'S HARBOUR	K1	15.896	160.01	14.244	175.36	11.228	159.62
	O1	8.342	154.66	9.944	142.71	9.286	141.57
	M2	103.176	28.31	102.884	22.03	103.869	25.76
	S2	16.154	64.26	16.452	73.03	23.347	48.37
	N2	21.938	343.33	24.646	19.72	24.623	355.56
	MF	3.296	347.06	9.570	287.16	3.781	261.62
	M4	5.150	154.74	4.187	111.04	4.174	141.92
	MS4	3.236	184.35	0.977	123.75	1.478	170.71

General tidal analyses were done on sea level data for the current meter seasons (April to September, October to March) that had 29 days or more with no missing data.

* = to the time period the general tidal analysis covers.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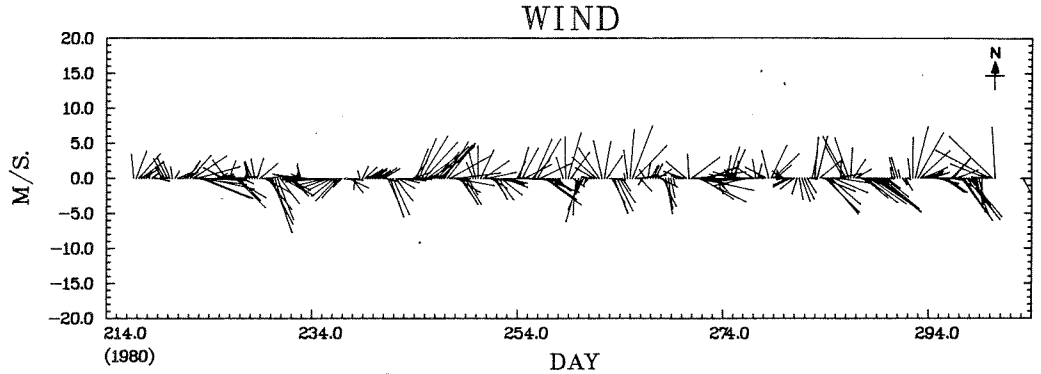

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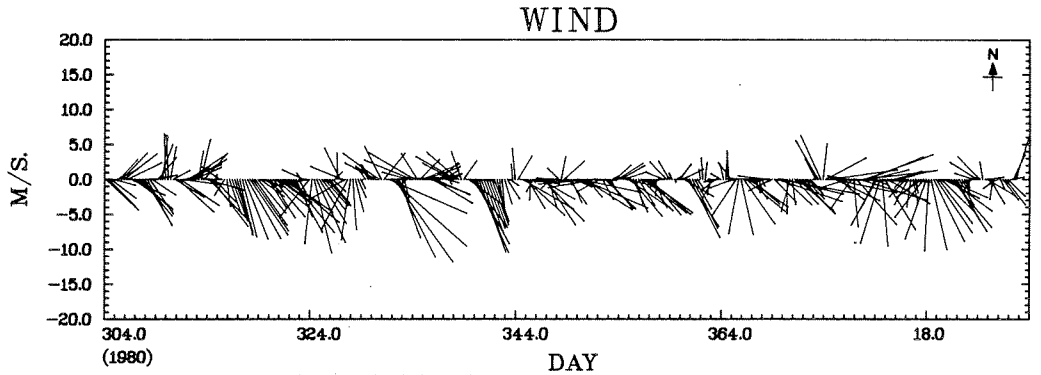

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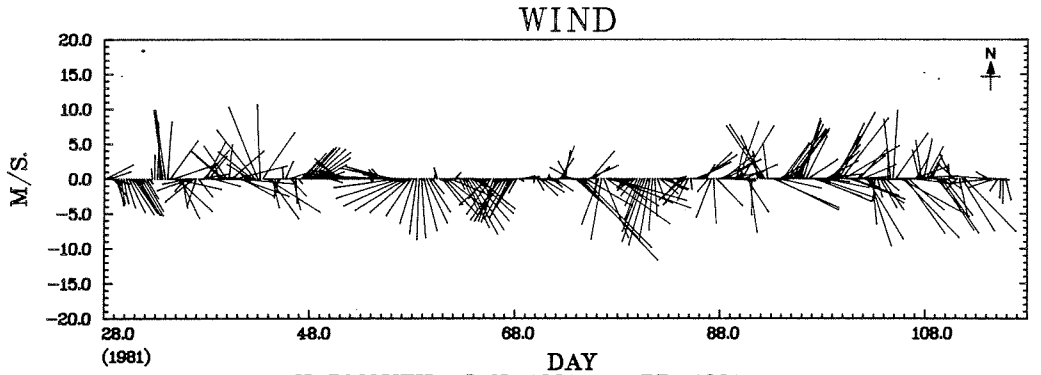

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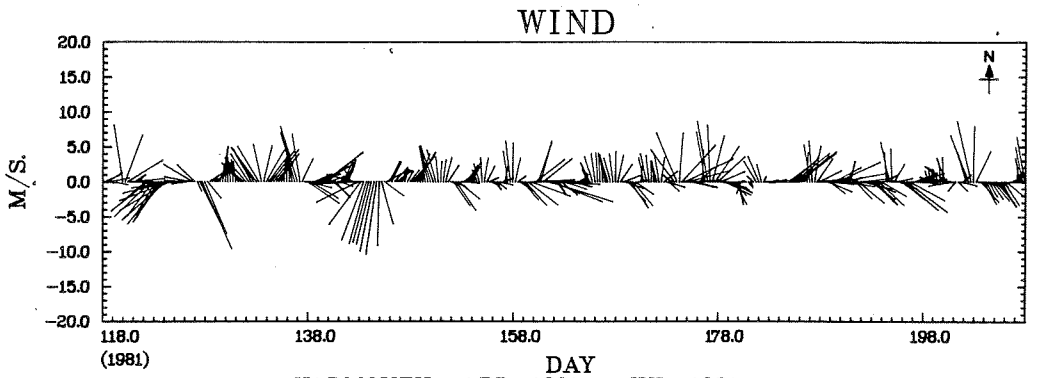

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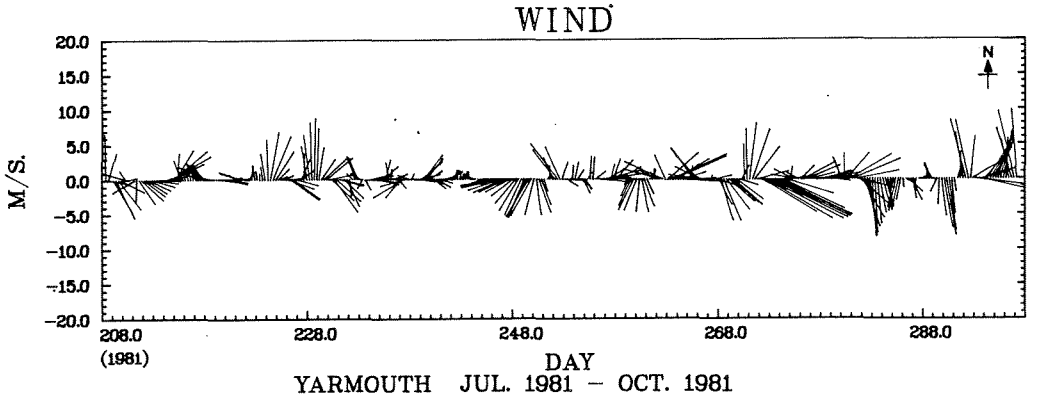

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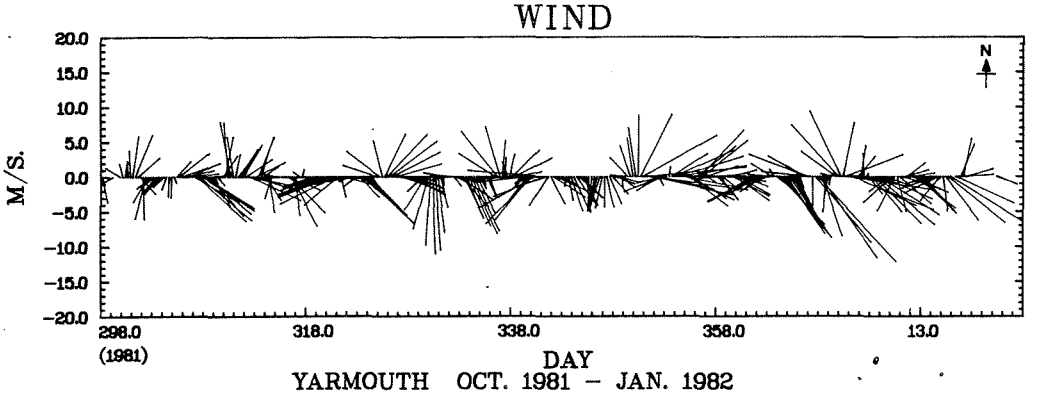

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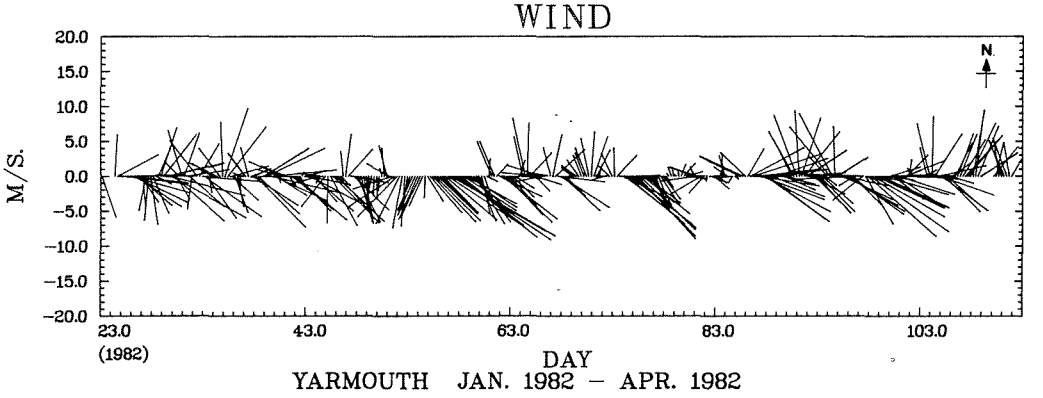

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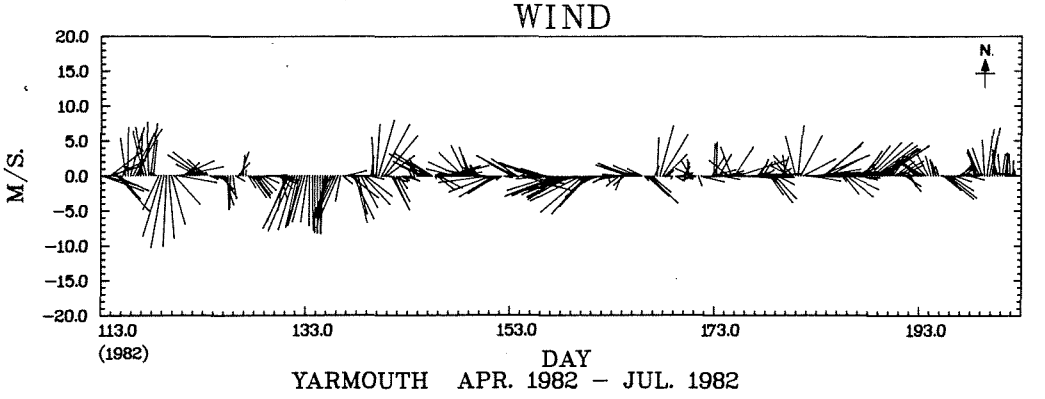

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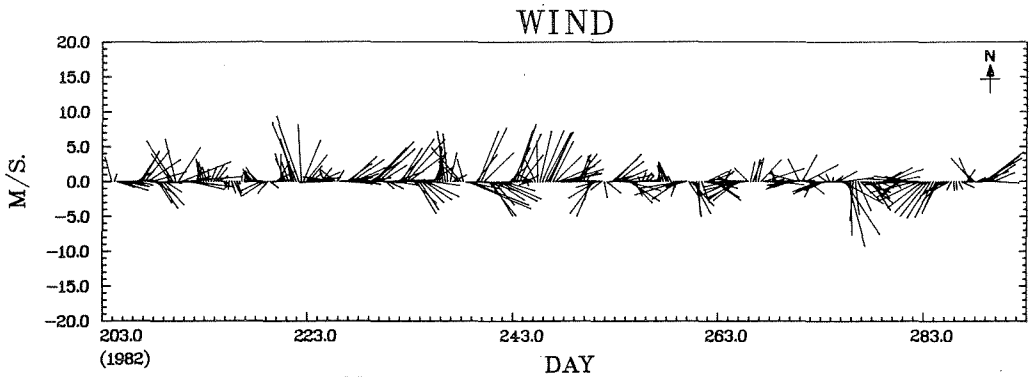

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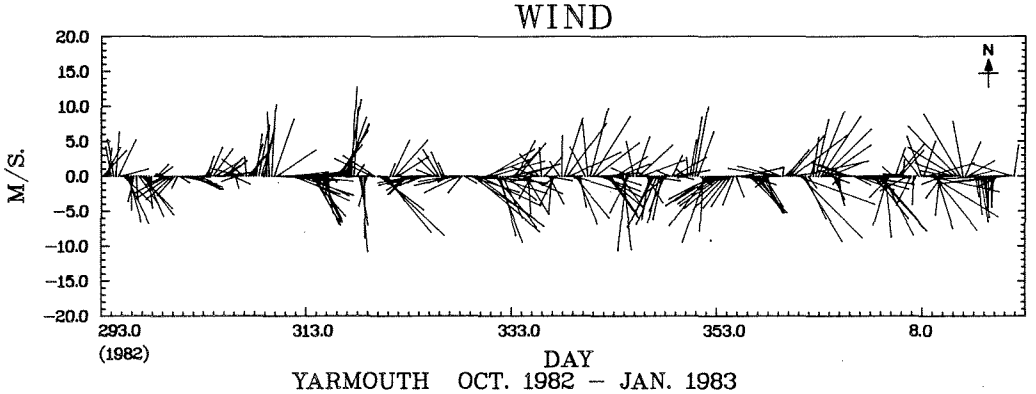

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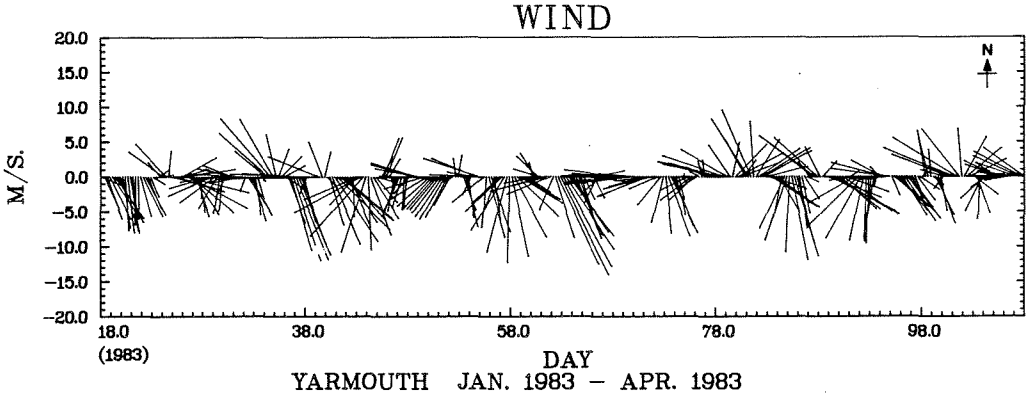

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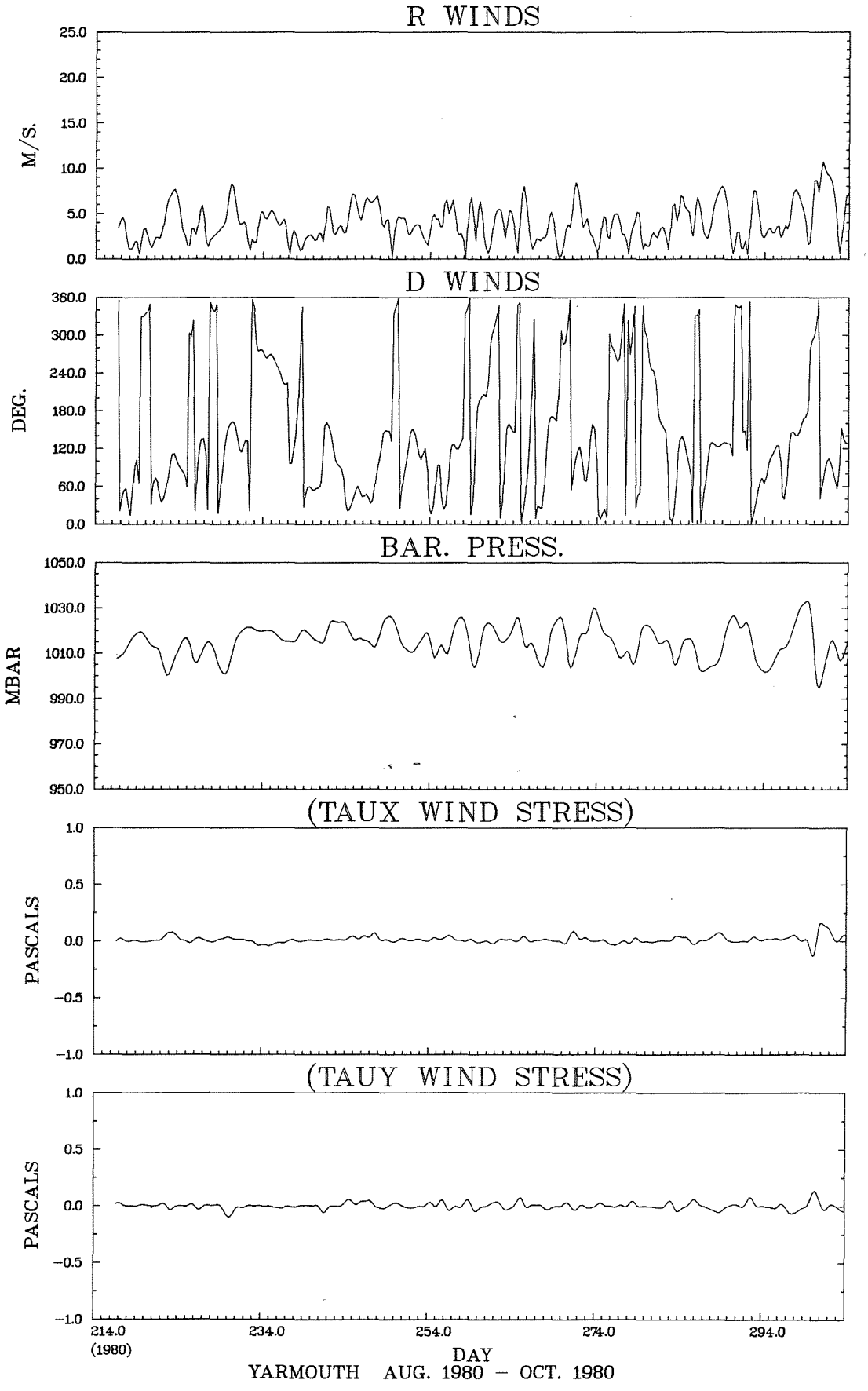
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180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
−0.5
−1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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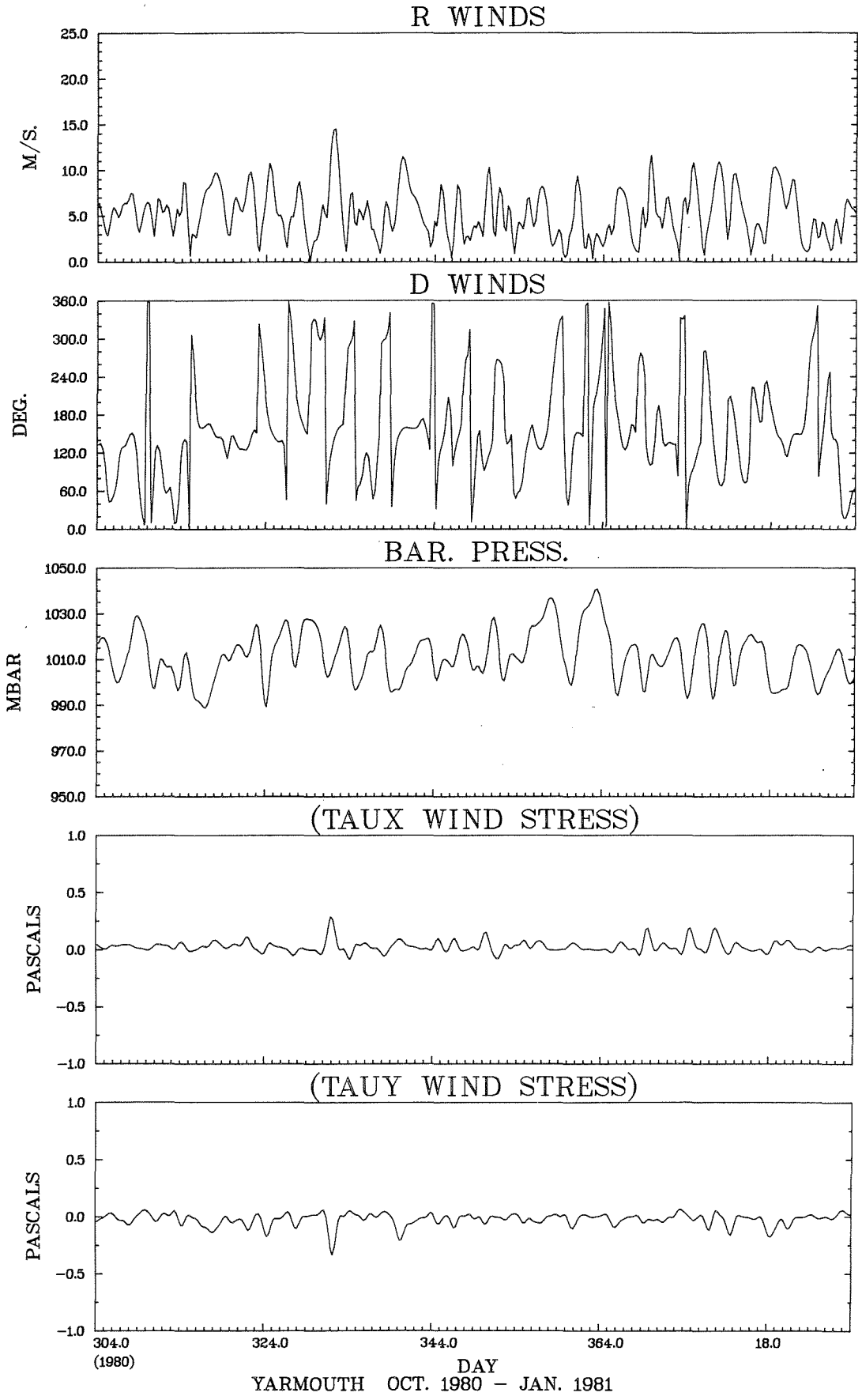
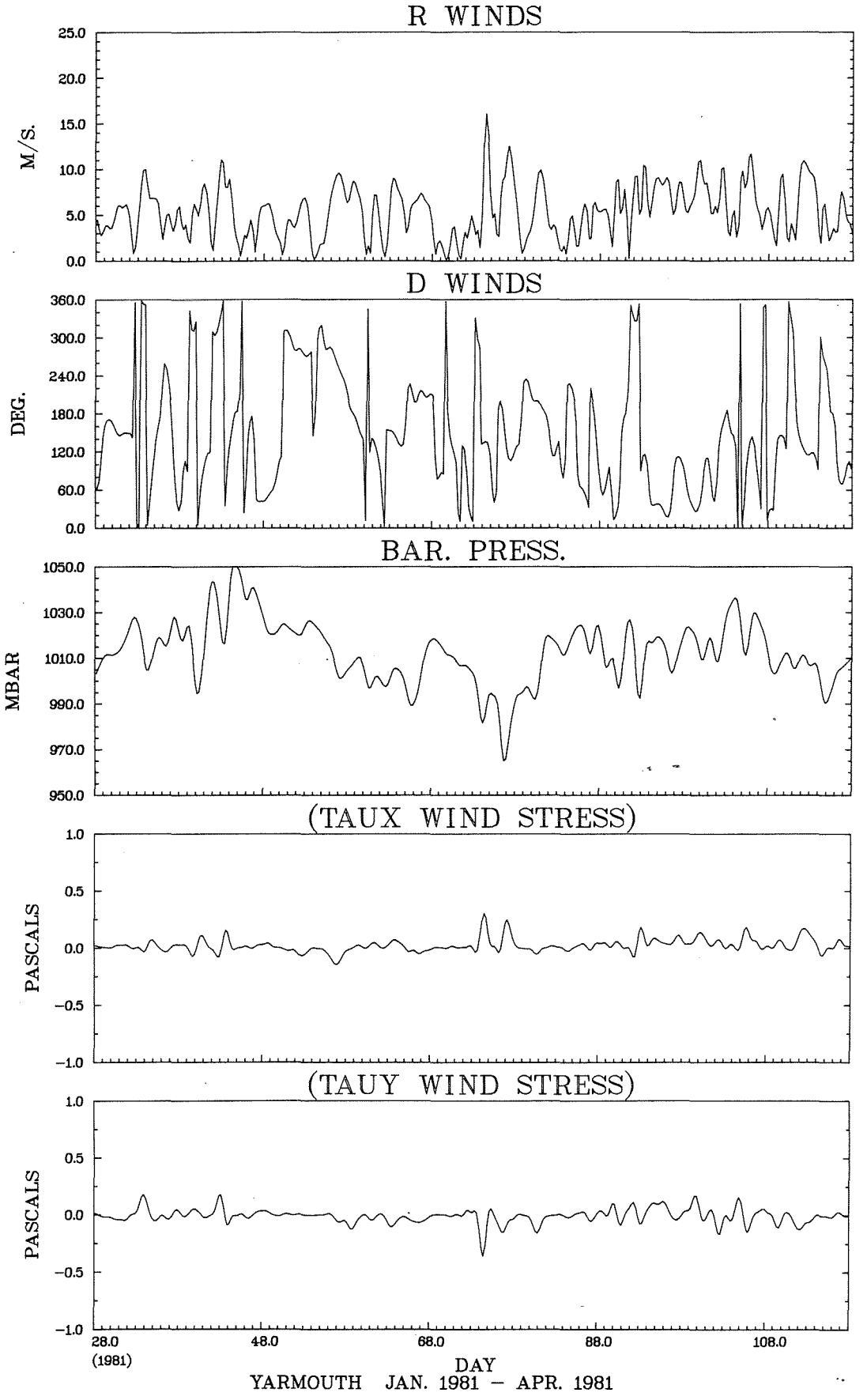
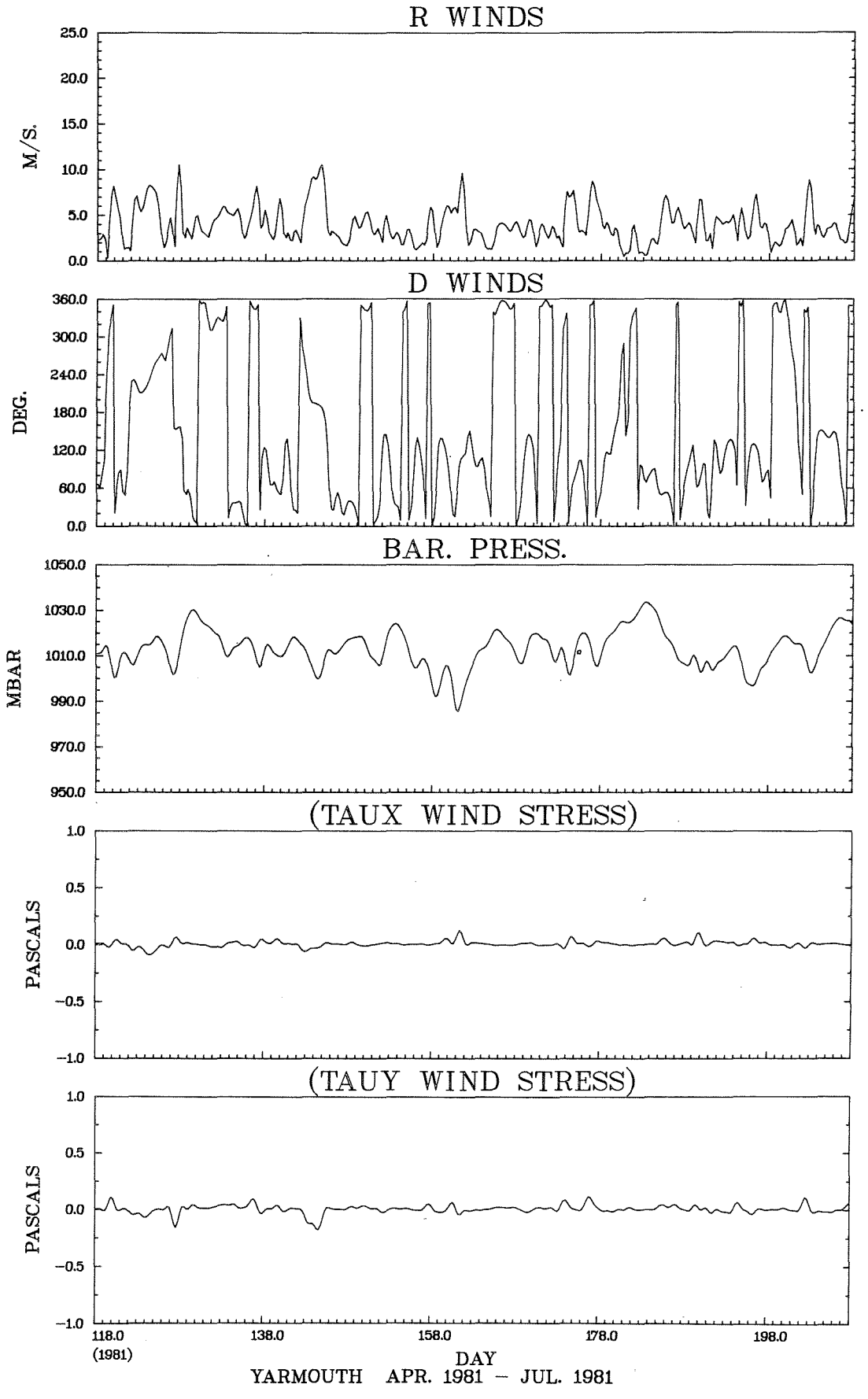
(1980)
234.0
254.0
274.0
294.0
DAY
YARMOUTH AUG. 1980 − OCT. 1980



YARMOUTH OCT. 1980 – JAN. 1981



YARMOUTH JAN. 1981 – APR. 1981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M/S.
25.0
20.0
15.0
10.0
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0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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-1.0
118.0
(1981)
138.0
158.0
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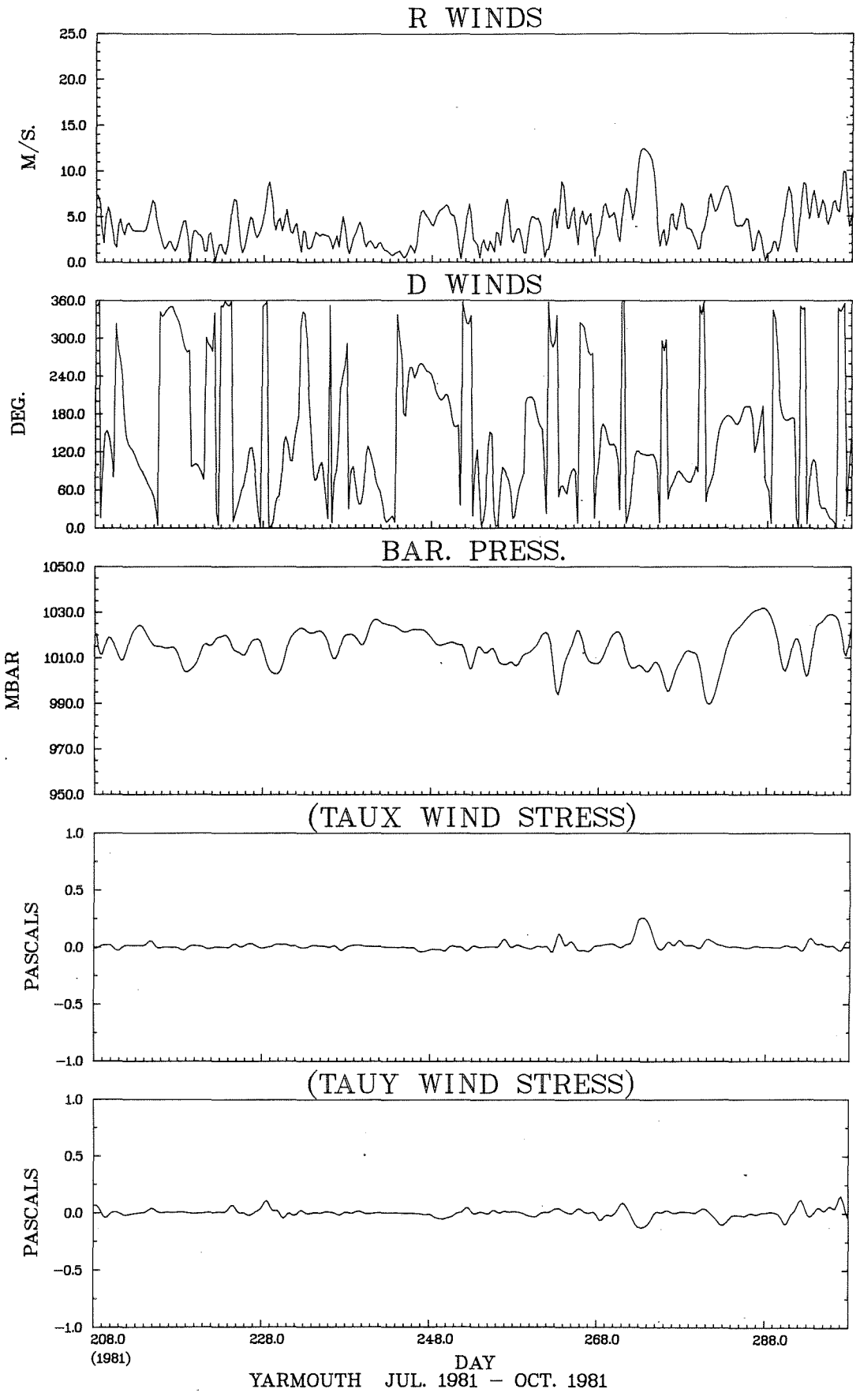
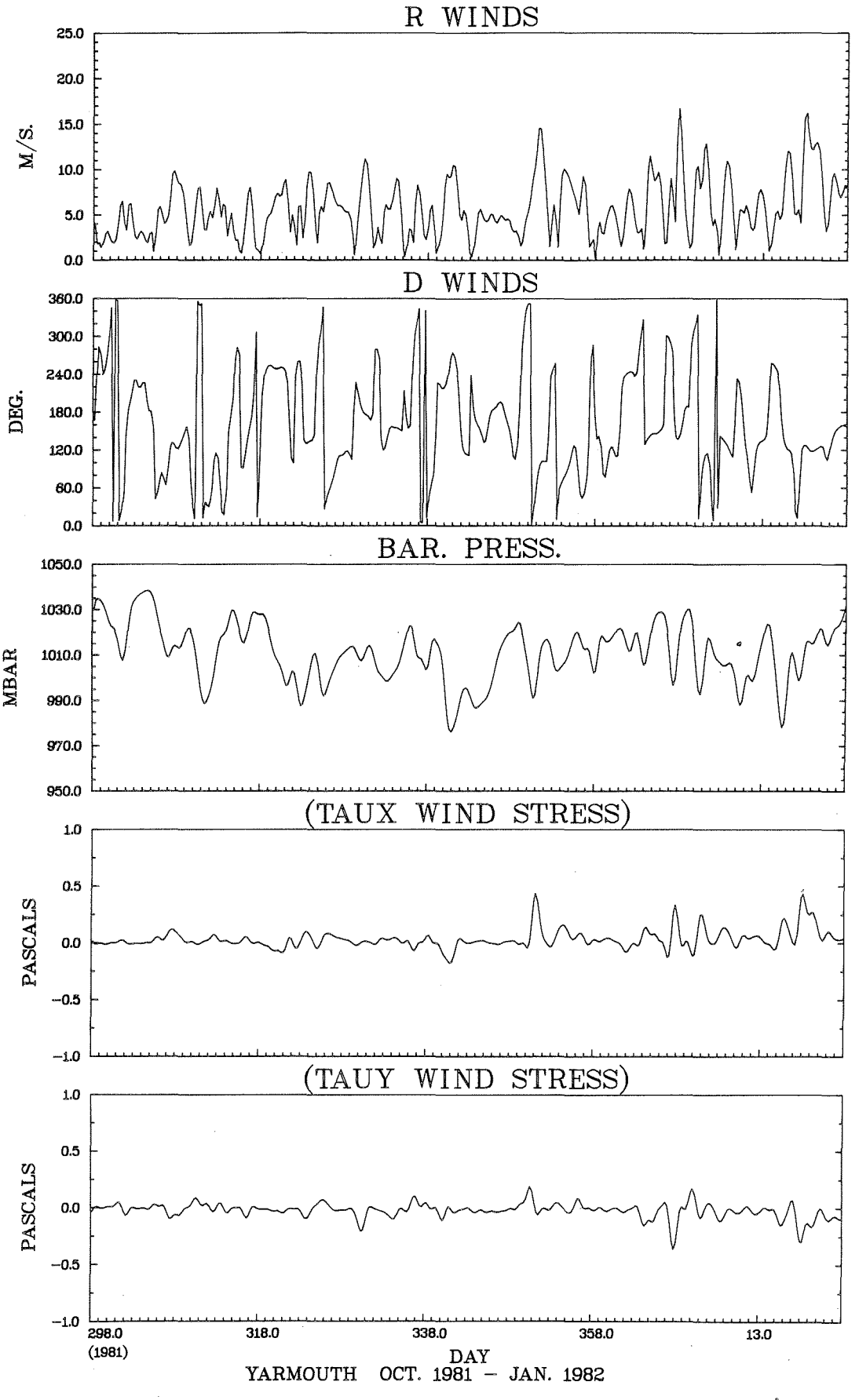
198.0
DAY
YARMOUTH APR. 1981 - JUL. 1981



YARMOUTH JUL. 1981 – OCT. 1981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M/S.
25.0
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0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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298.0
(1981)
318.0
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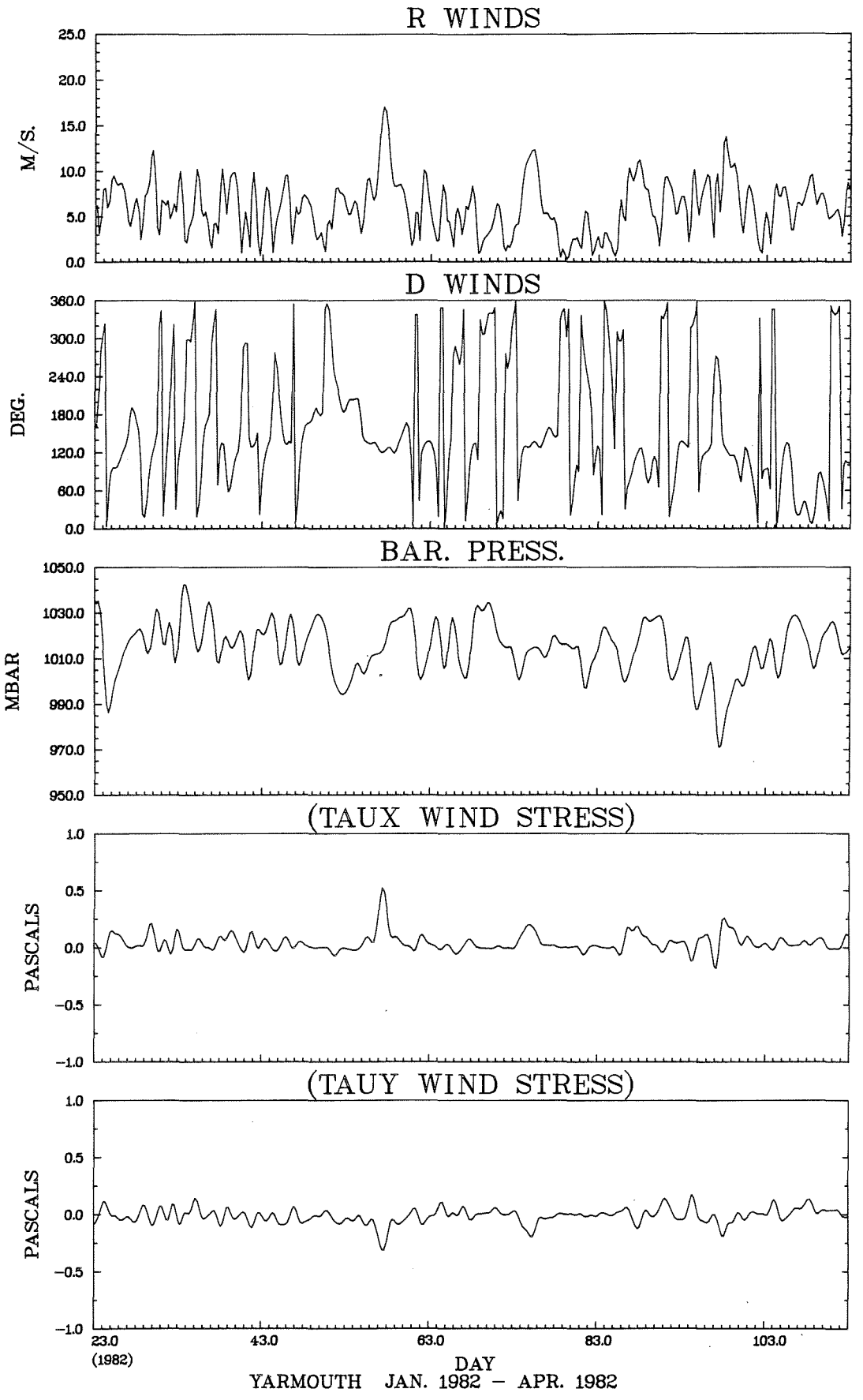
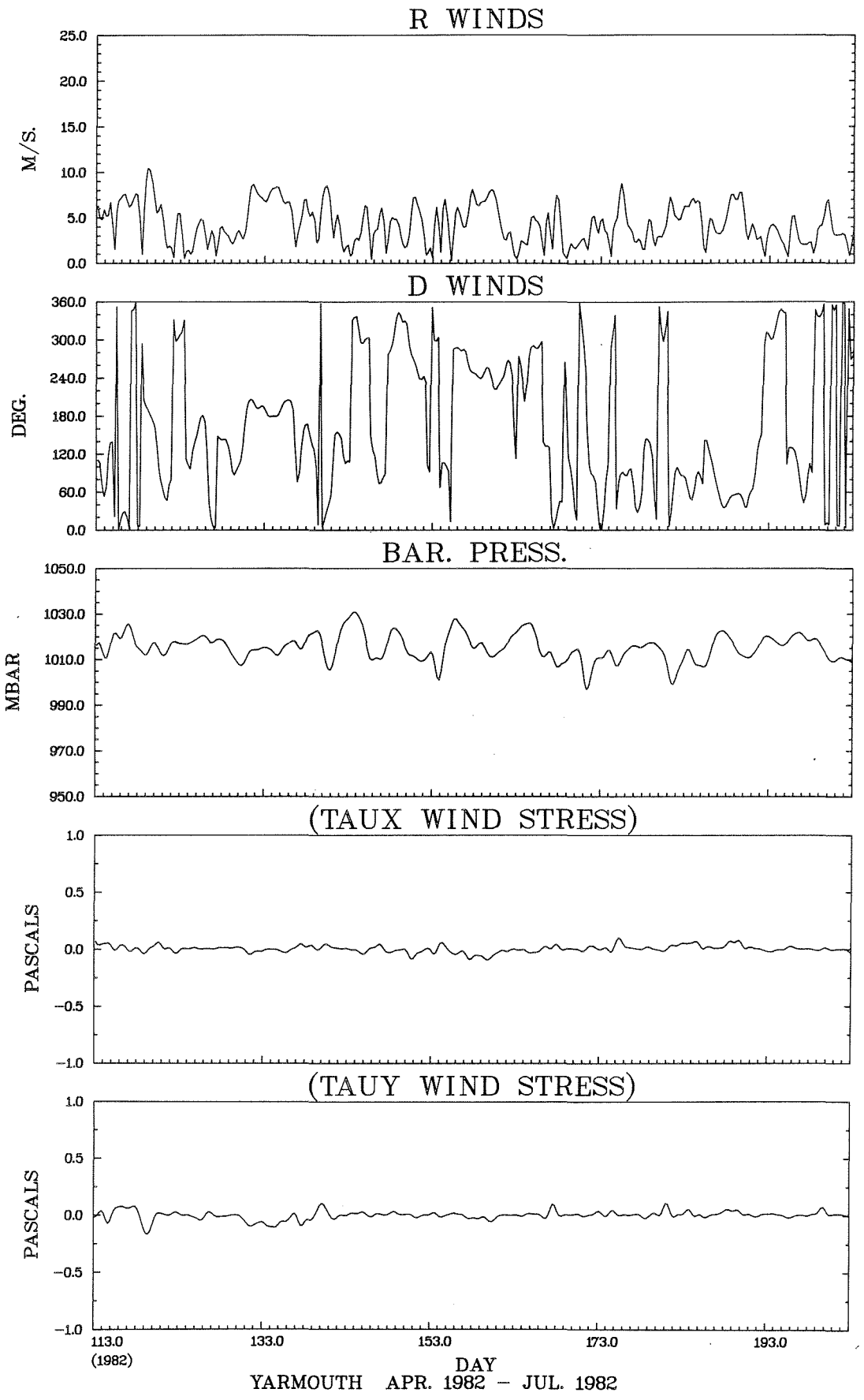
DAY
YARMOUTH OCT. 1981 - JAN. 1982



YARMOUTH JAN. 1982 – APR. 1982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M/S.
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20.0
15.0
10.0
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0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
−0.5
−1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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113.0
(1982)
133.0
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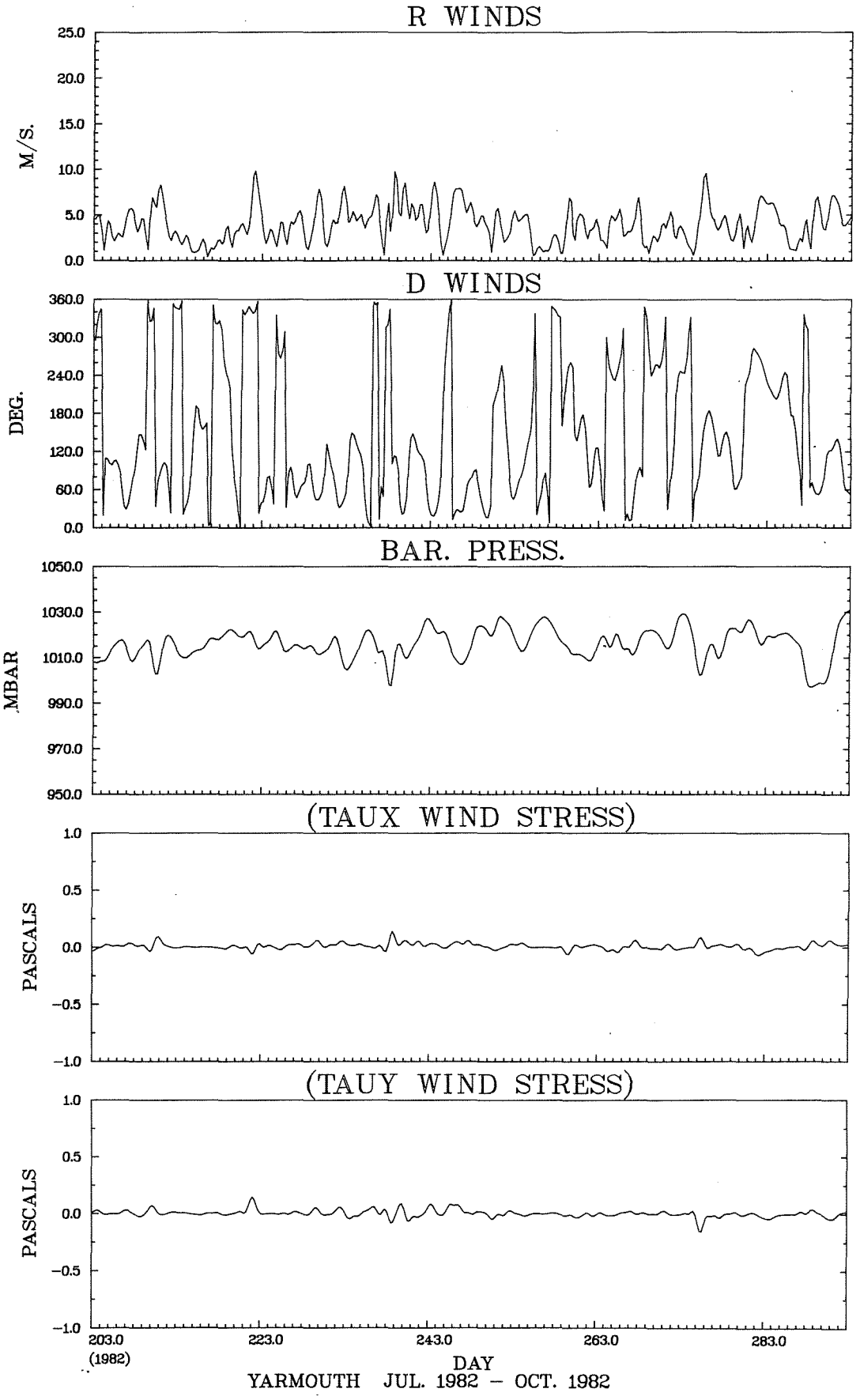
DAY
YARMOUTH APR. 1982 – JUL. 1982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0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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203.0
(1982)
223.0
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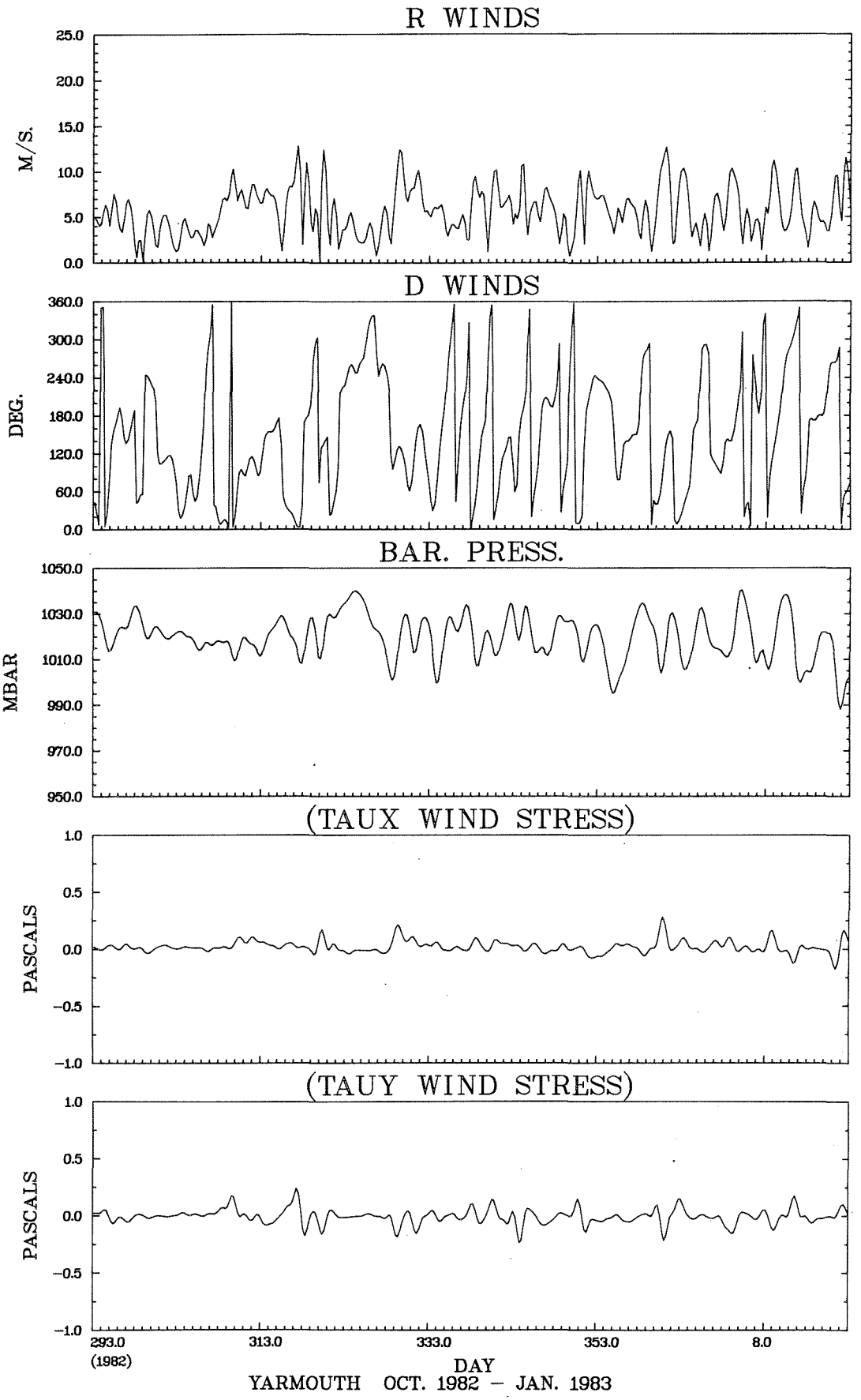
DAY
YARMOUTH JUL. 1982 - OCT. 1982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M/S.
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10.0
5.0
0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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293.0
(1982)
313.0
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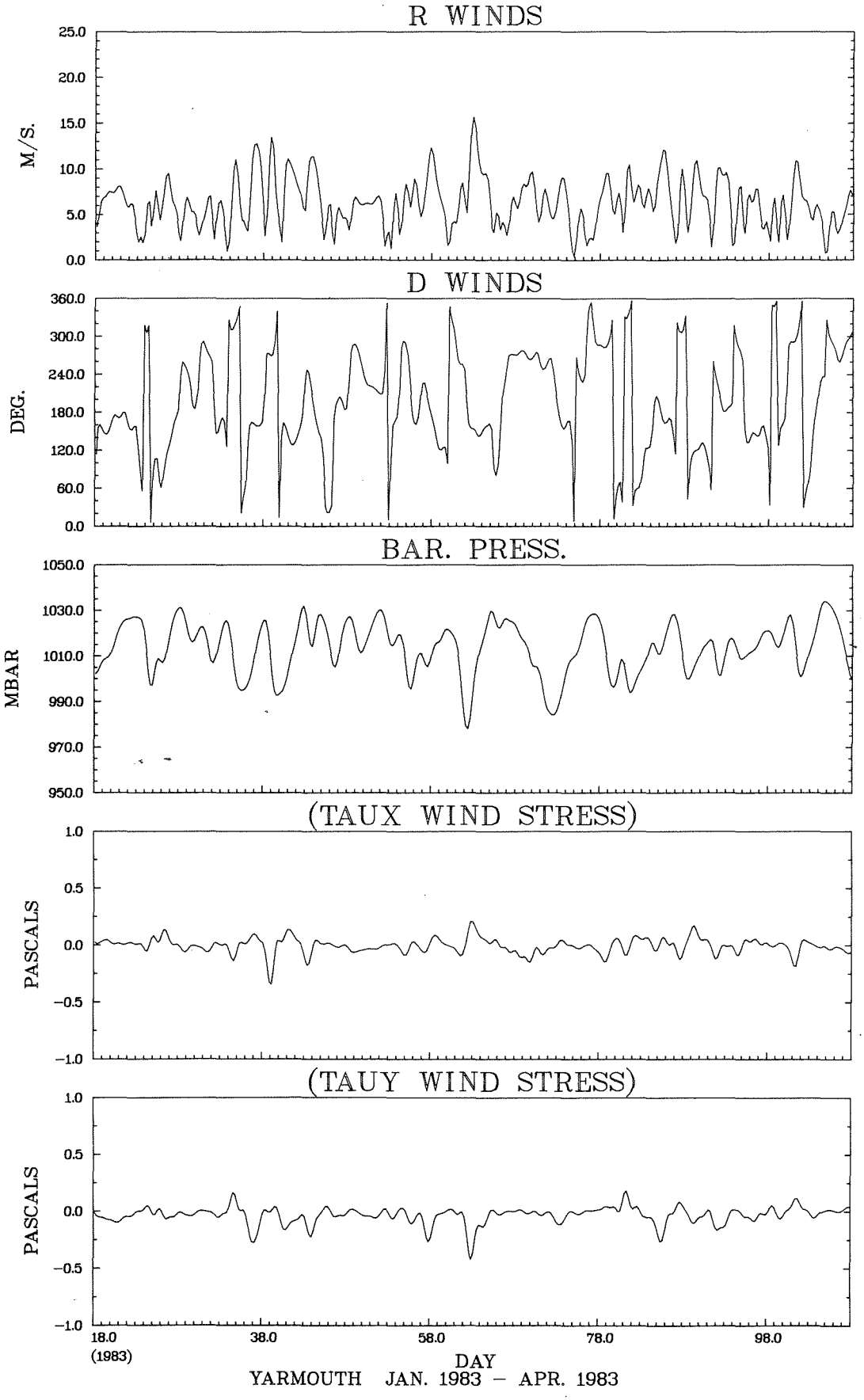
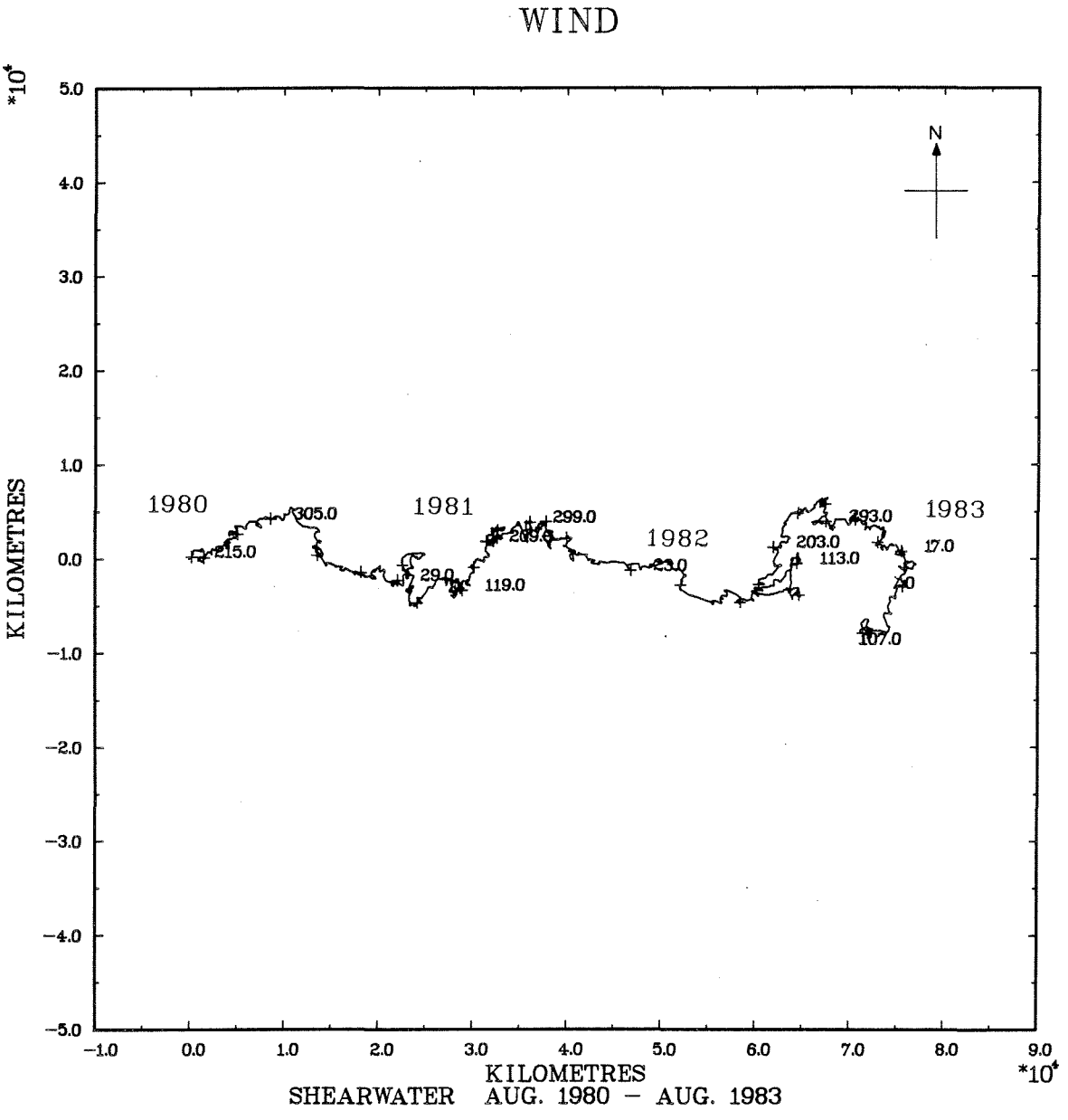
DAY
YARMOUTH OCT. 1982 - JAN. 1983



YARMOUTH JAN. 1983 – APR. 1983


WIND
*10⁴
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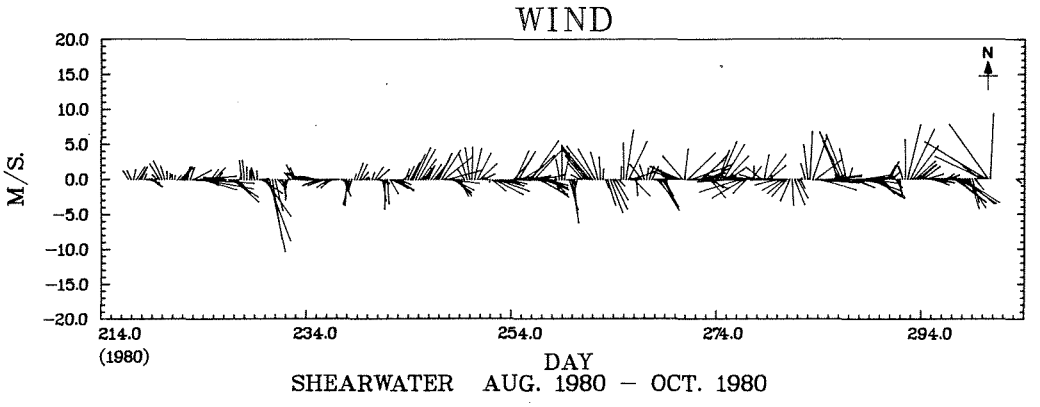
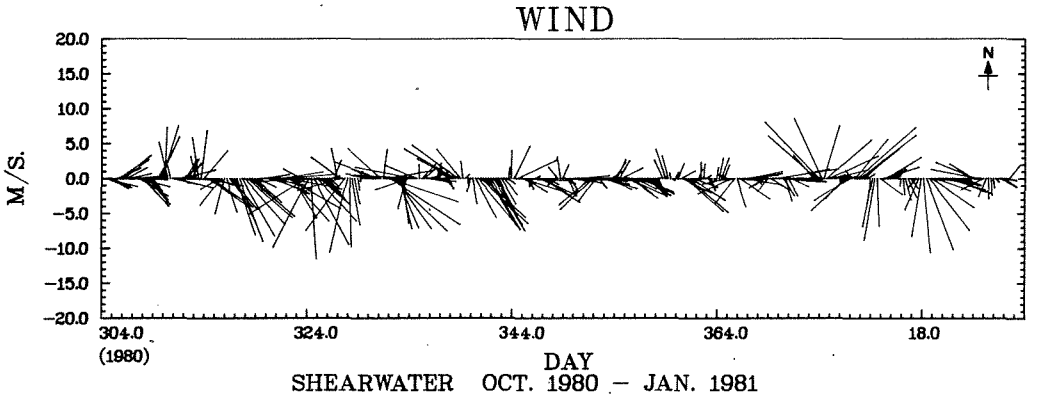
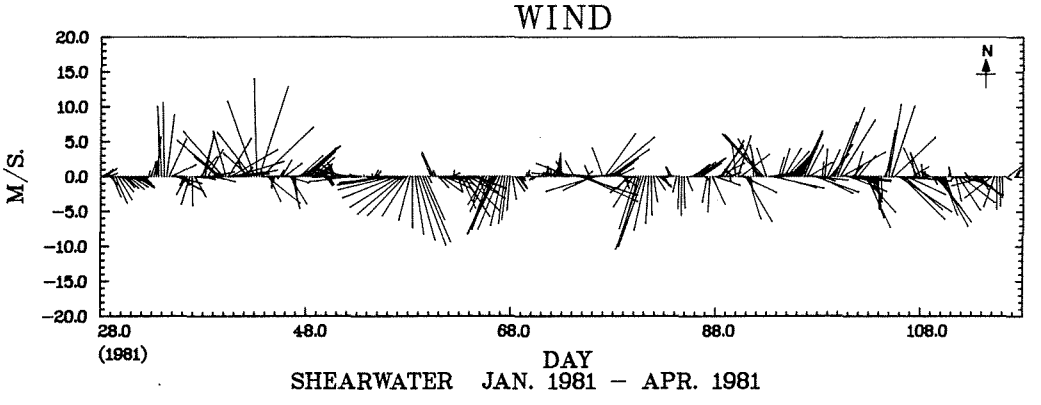
4.0
3.0
2.0
1.0
0.0
−1.0
−2.0
−3.0
−4.0
−5.0
KILOMETRES
N
1980
1981
1982
1983
305.0
215.0
299.0
269.0
29.0
119.0
23.0
293.0
203.0
113.0
17.0
107.0
−1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
*10⁴
KILOMETRES
SHEARWATER AUG. 1980 − AUG. 1983



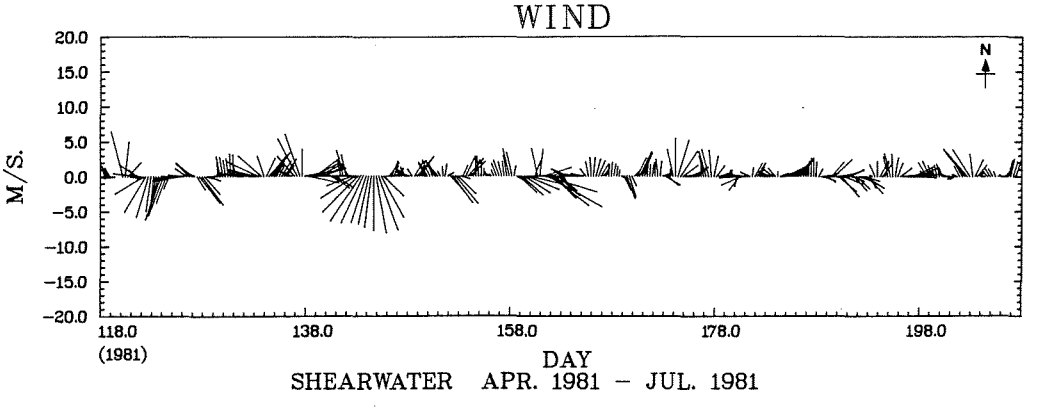
SHEARWATER AUG. 1980 – OCT. 1980



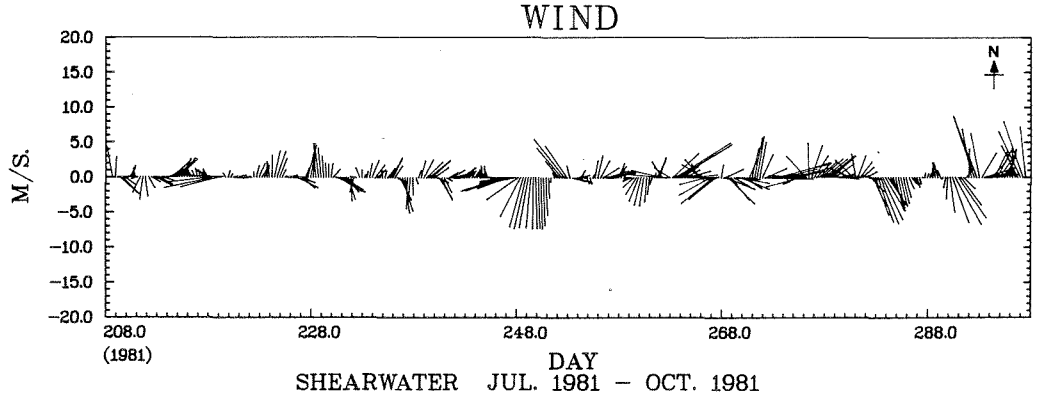
SHEARWATER OCT. 1980 – JAN. 1981



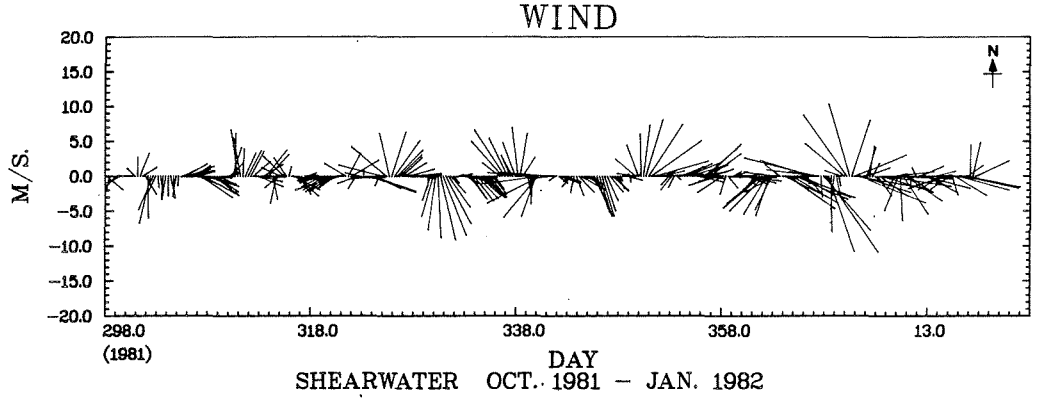
SHEARWATER JAN. 1981 – APR. 1981



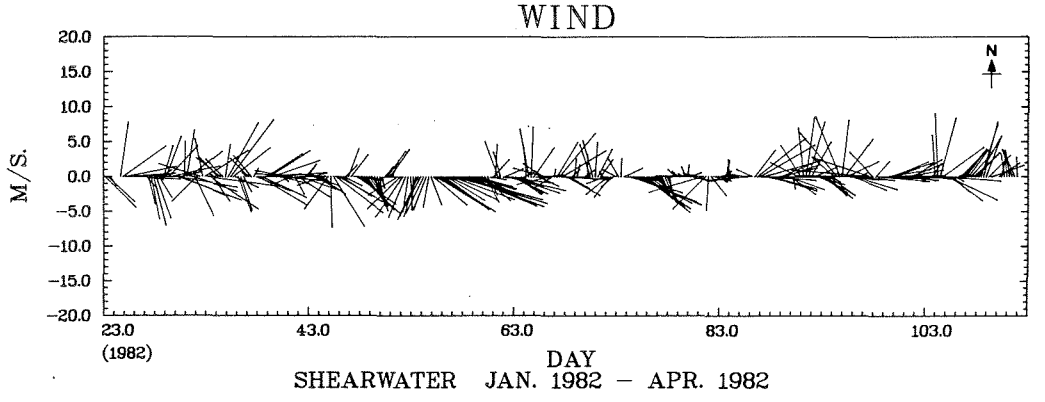
SHEARWATER APR. 1981 – JUL. 1981



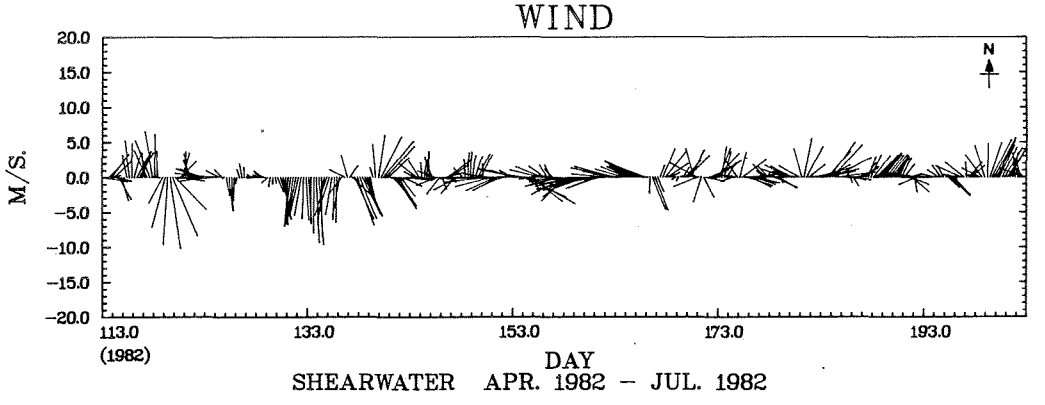
SHEARWATER JUL. 1981 – OCT. 1981



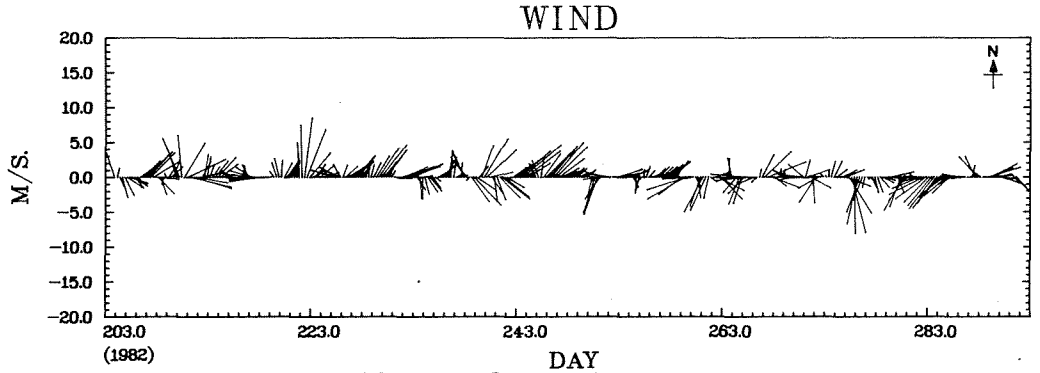
SHEARWATER OCT. 1981 – JAN. 1982



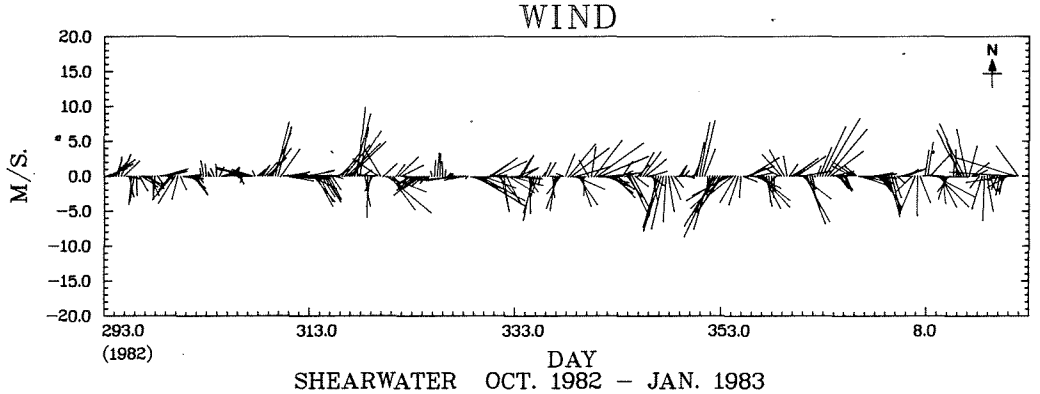
SHEARWATER JAN. 1982 – APR. 1982



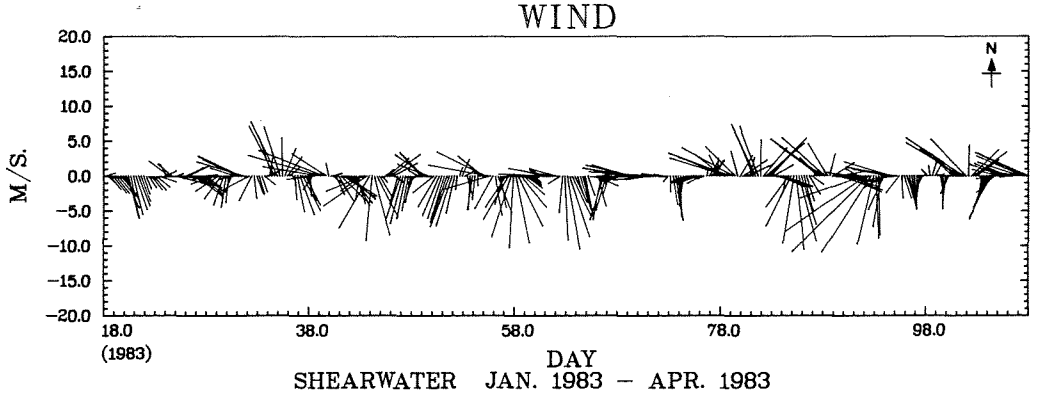
SHEARWATER APR. 1982 – JUL. 1982



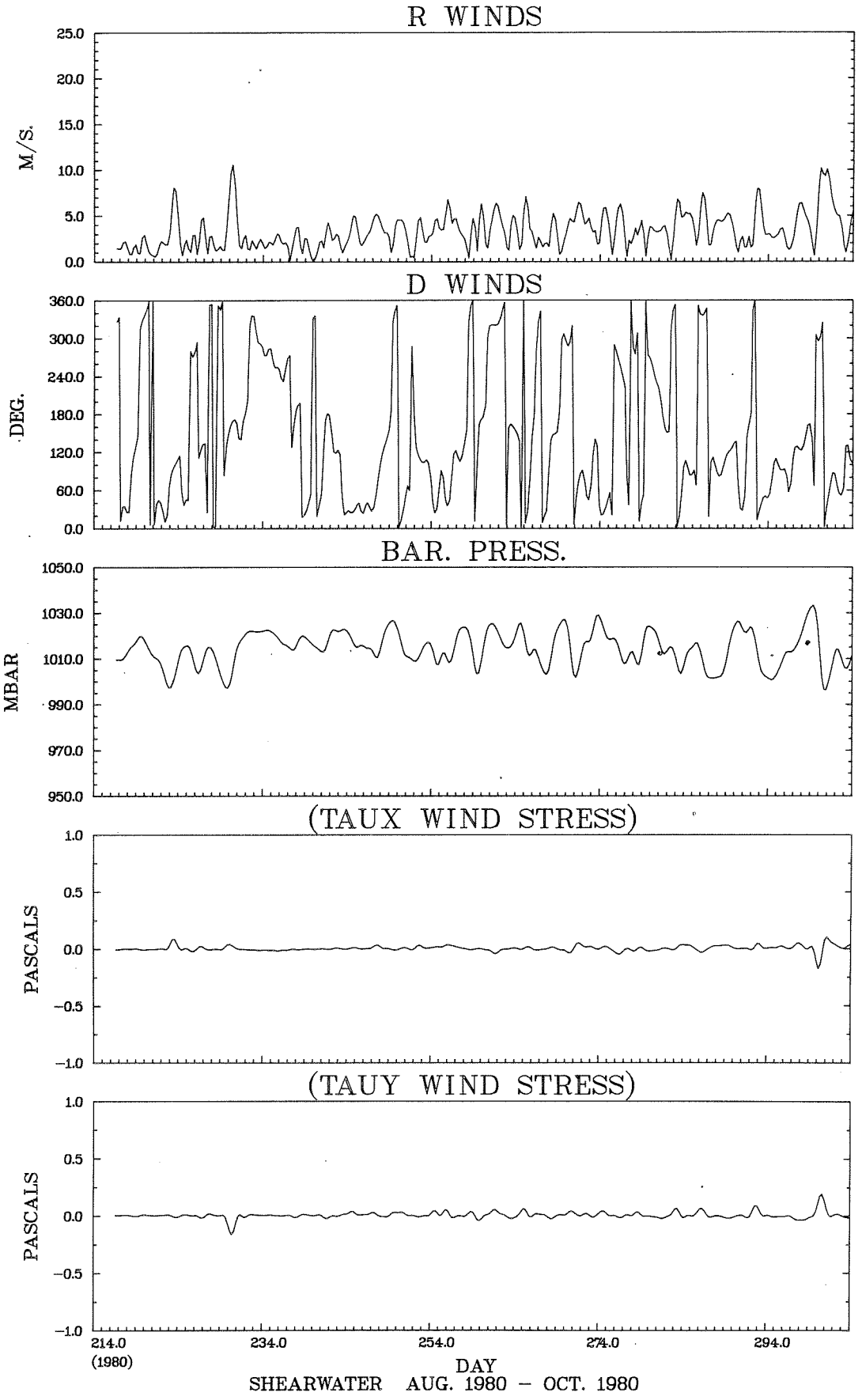
SHEARWATER JUL. 1982 – OCT. 1982



SHEARWATER OCT. 1982 – JAN. 1983



SHEARWATER JAN. 1983 – APR. 1983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M/S.
25.0
20.0
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10.0
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0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
−0.5
−1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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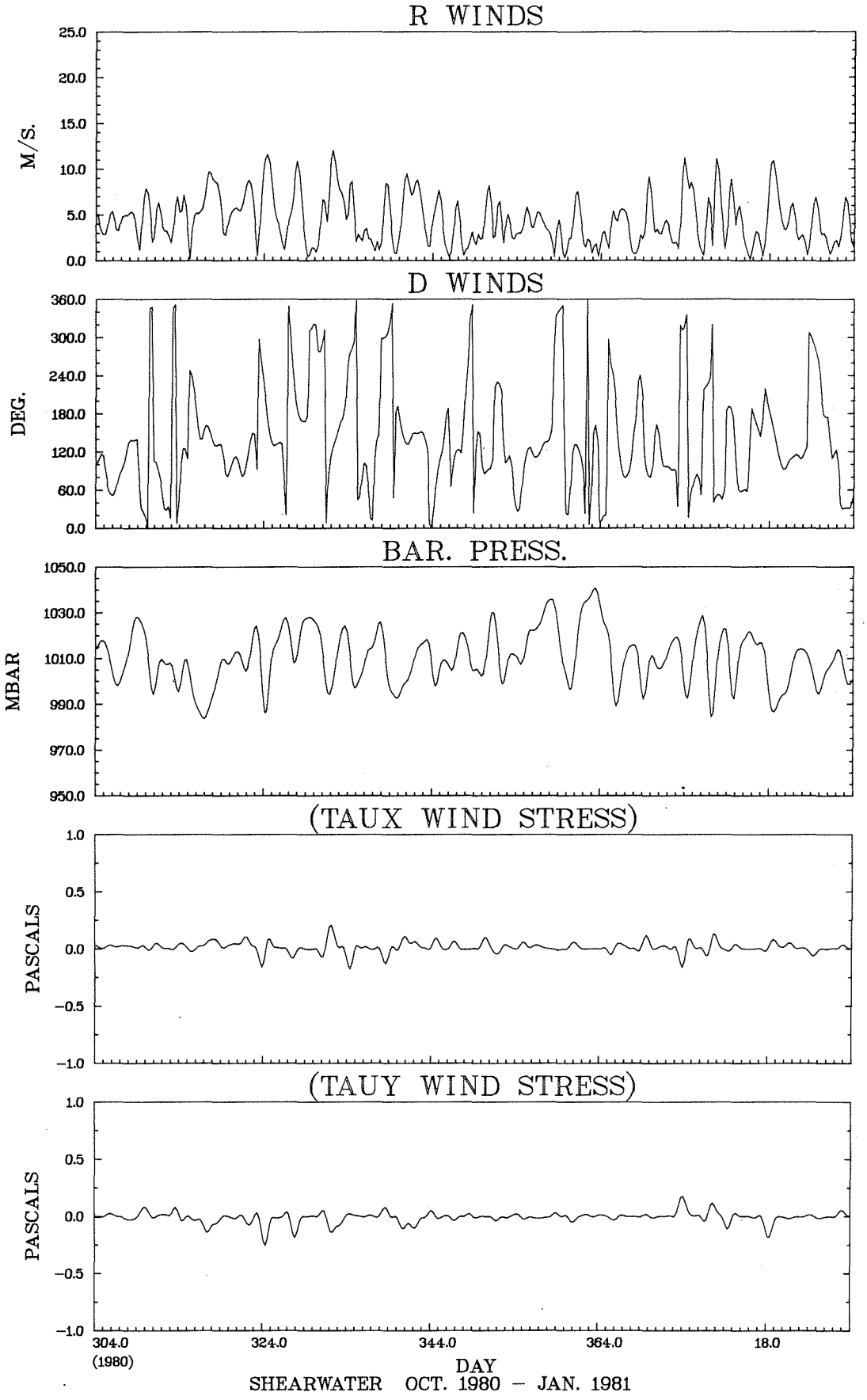
214.0
(1980)
234.0
254.0
274.0
294.0
DAY
SHEARWATER AUG. 1980 − OCT. 1980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M/S.
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D WINDS
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60.0
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BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
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−0.5
−1.0
(TAUY WIND STRESS)
PASCALS
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0.5
0.0
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304.0
(1980)
324.0
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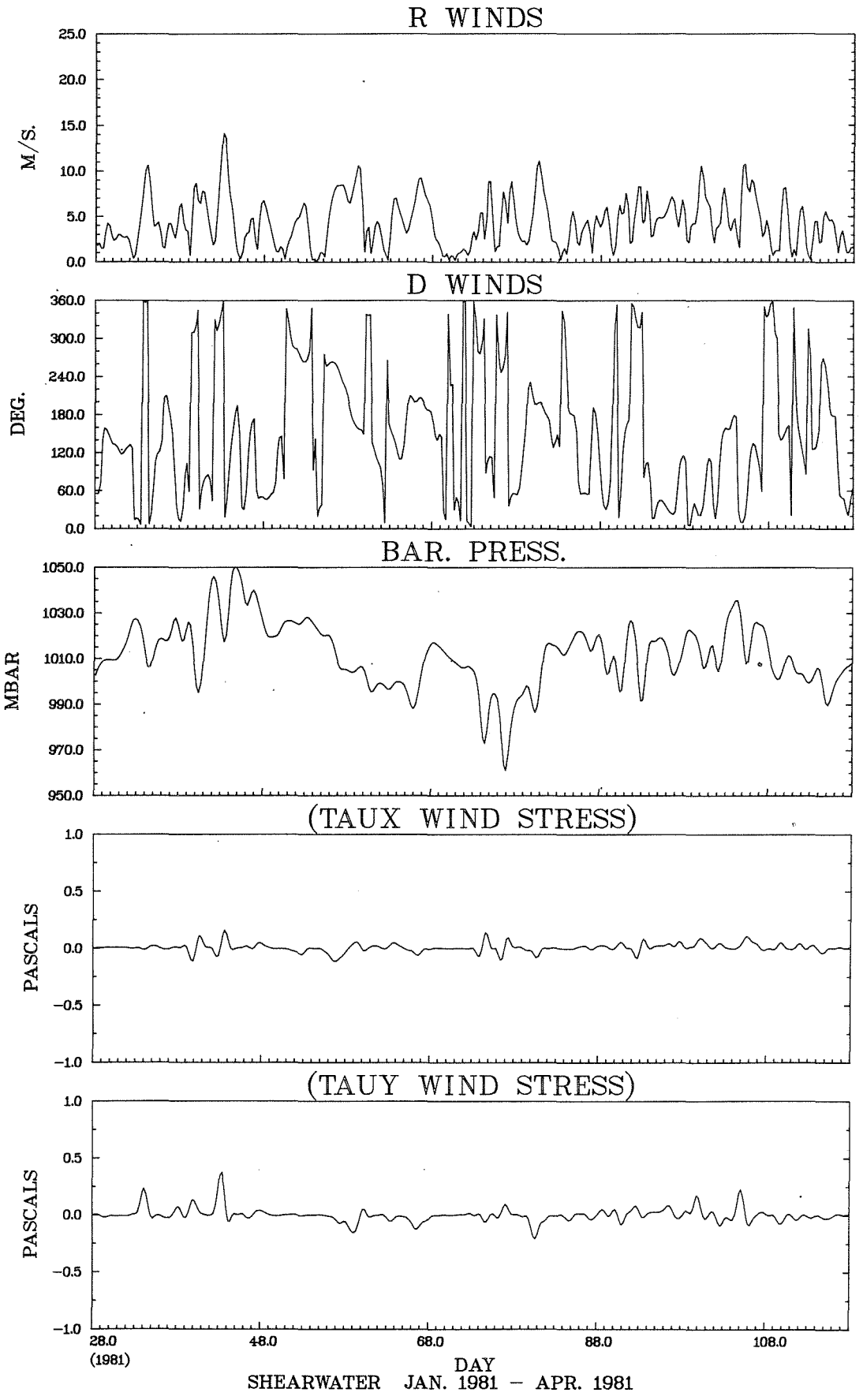
DAY
SHEARWATER OCT. 1980 − JAN. 1981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M/S.
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D WINDS
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0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
−0.5
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(TAUY WIND STRESS)
PASCALS
1.0
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28.0
(1981)
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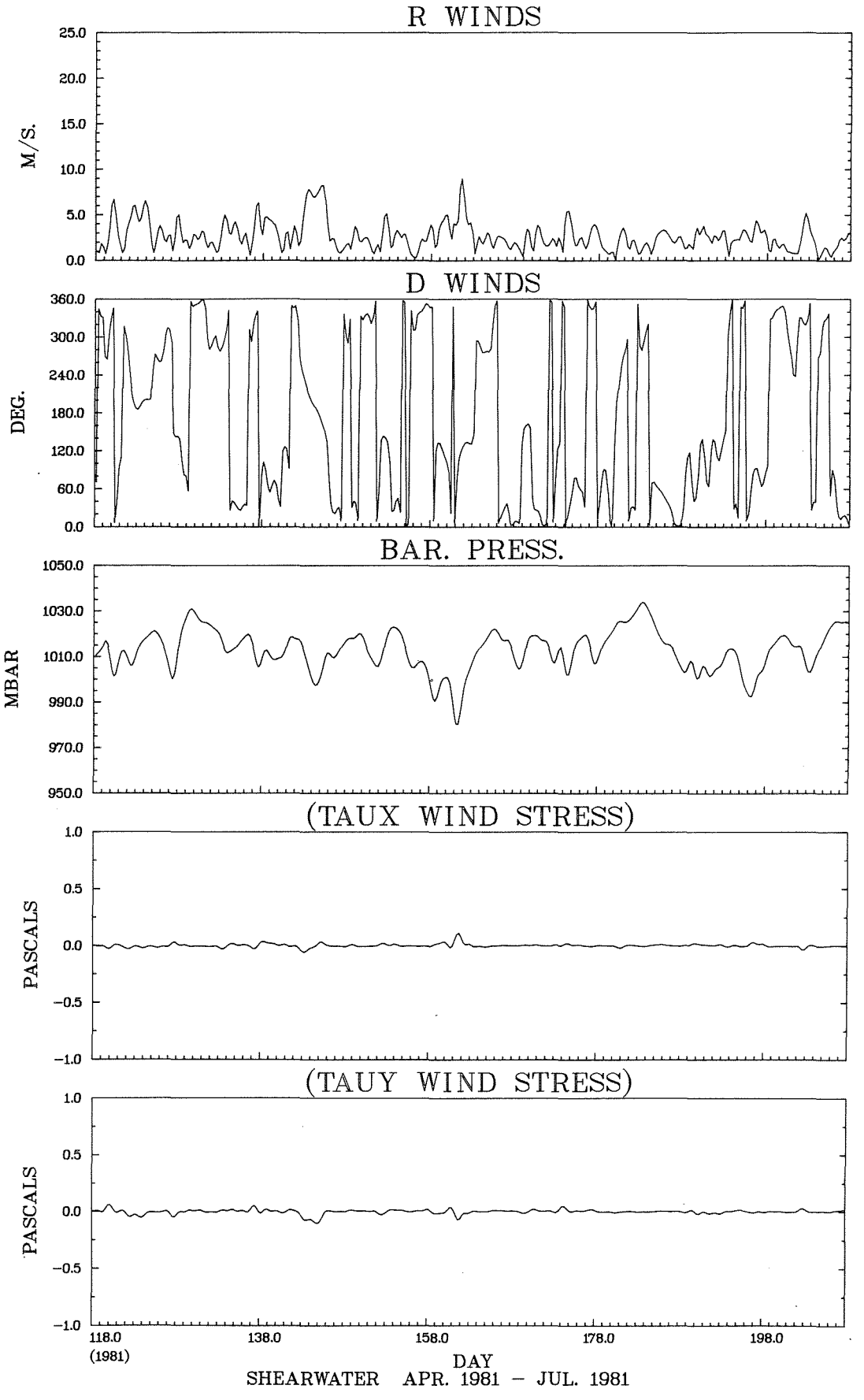
DAY
SHEARWATER JAN. 1981 − APR. 1981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0.0
D WINDS
DEG.
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120.0
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0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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(1981)
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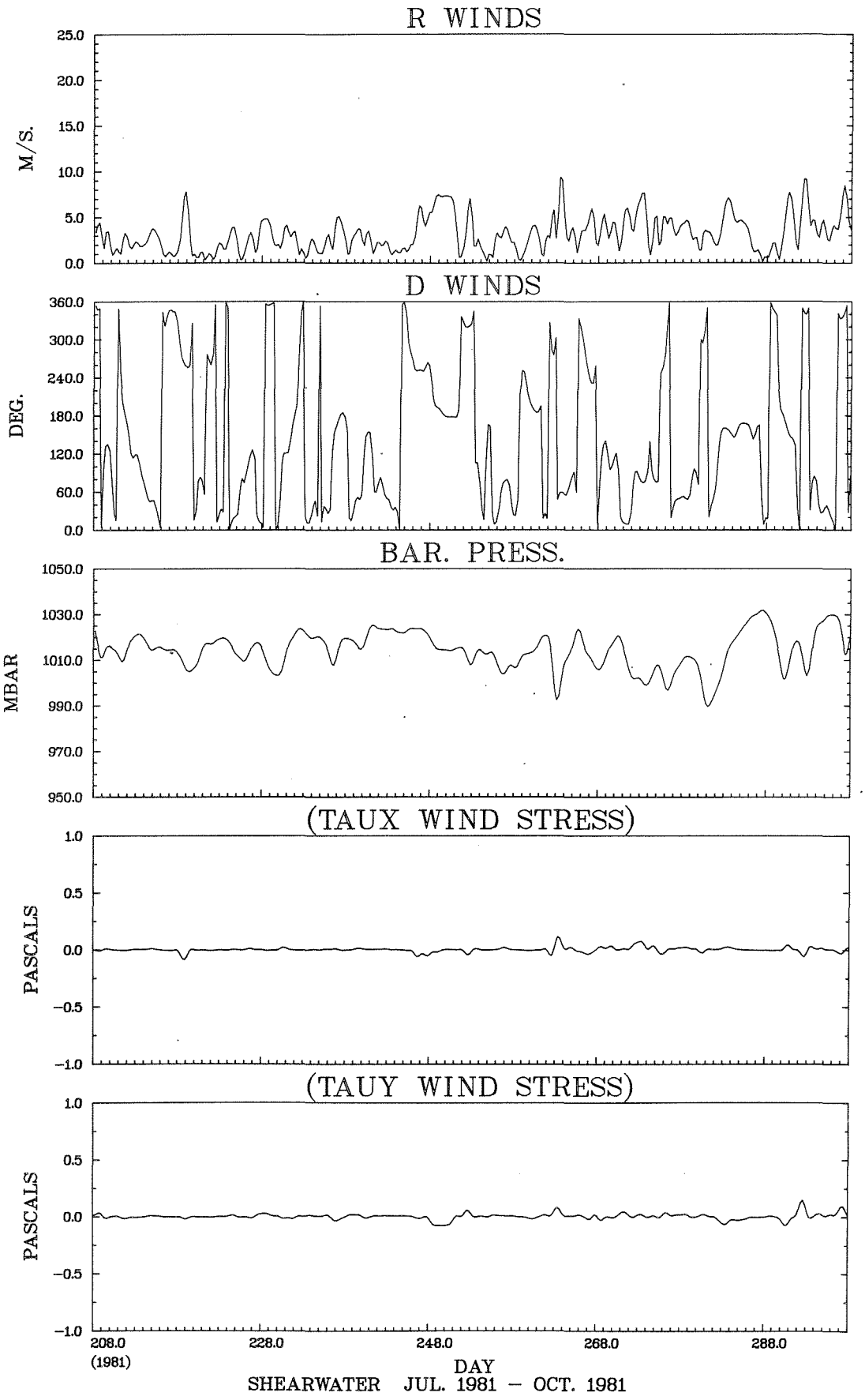
198.0
DAY
SHEARWATER APR. 1981 - JUL. 1981


R WINDS
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D WINDS
DEG.
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120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
−0.5
−1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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208.0
(1981)
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248.0
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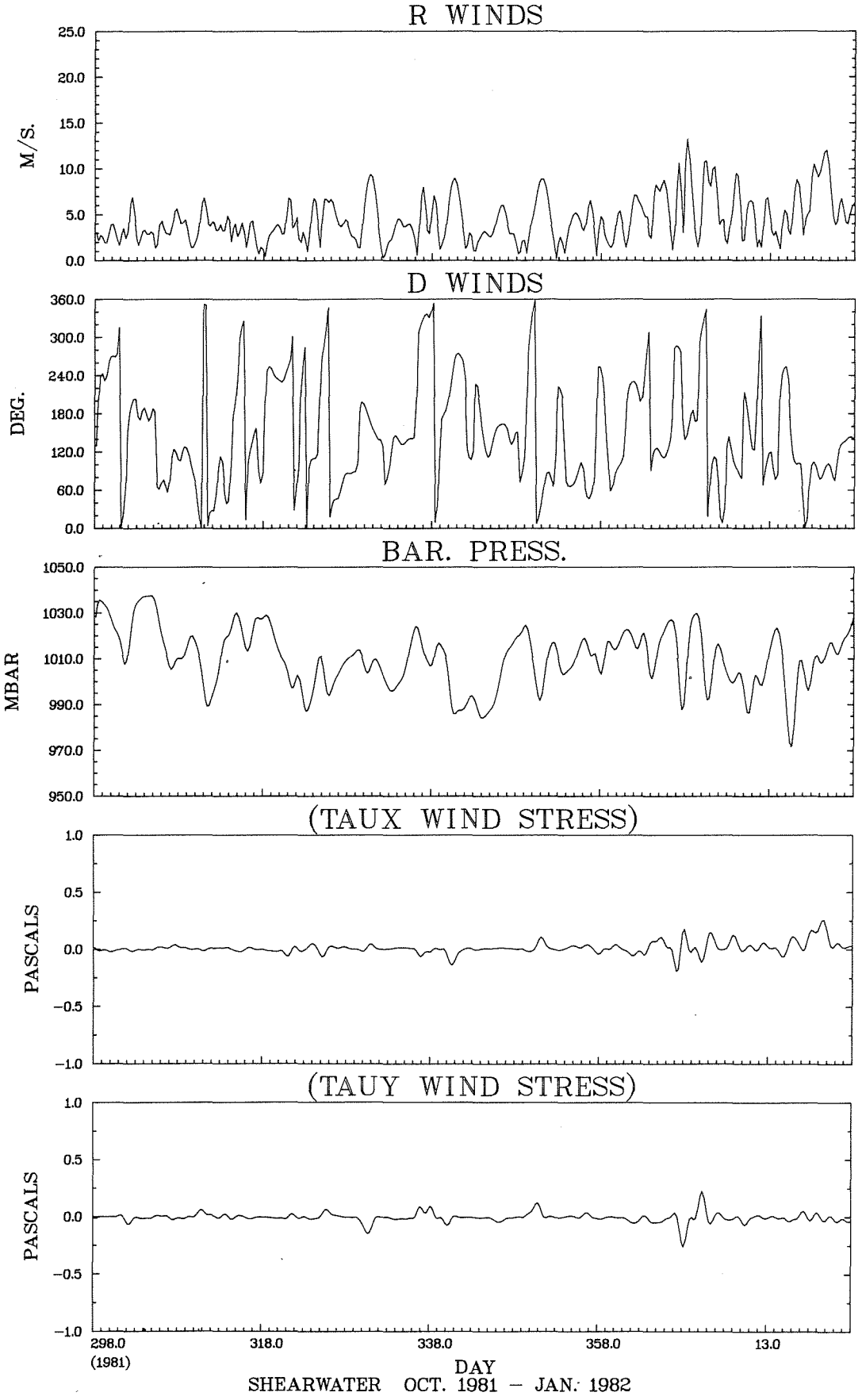
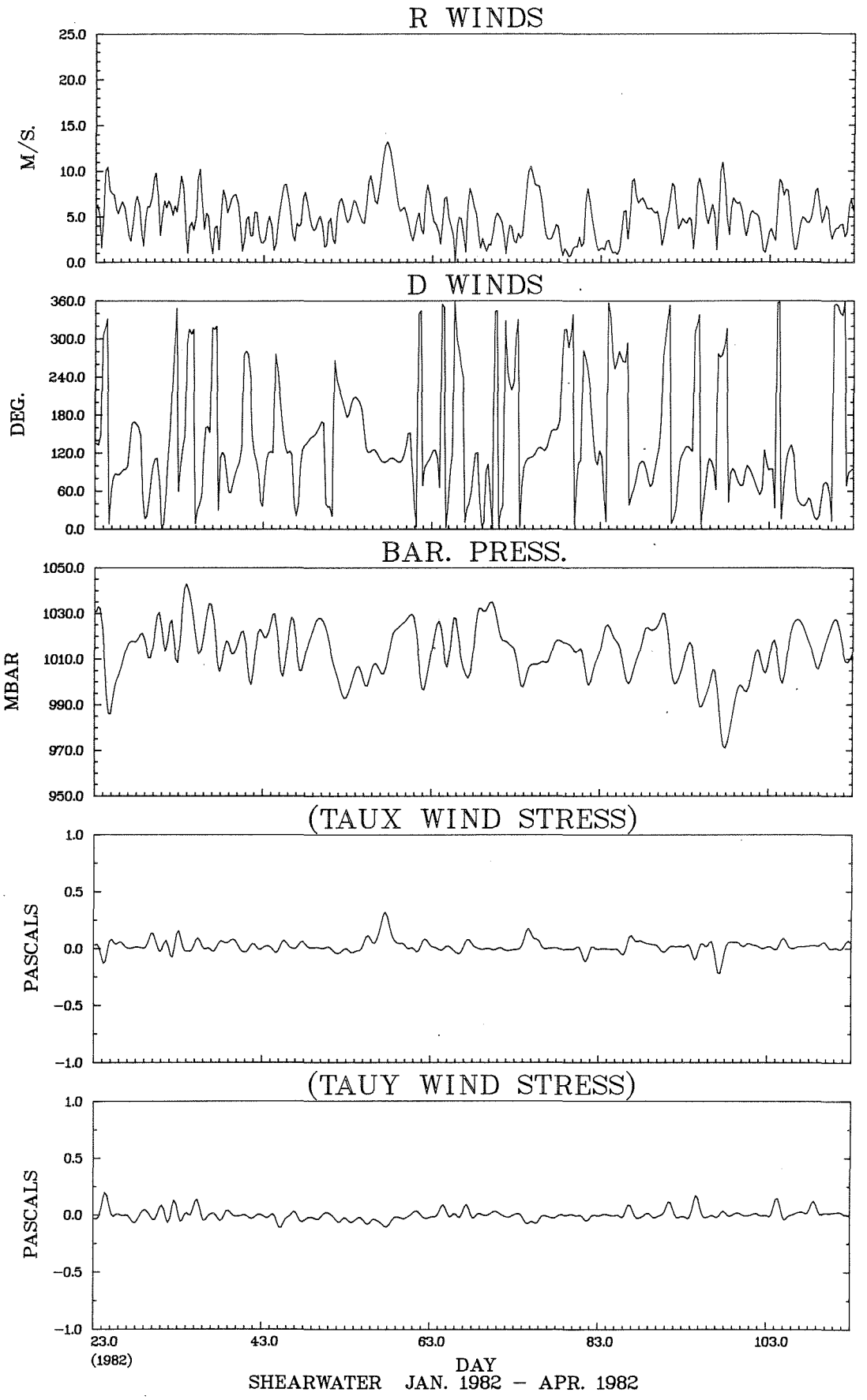
288.0
DAY
SHEARWATER JUL. 1981 − OCT. 1981



SHEARWATER OCT. 1981 – JAN. 1982


R WINDS
M/S.
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20.0
15.0
10.0
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0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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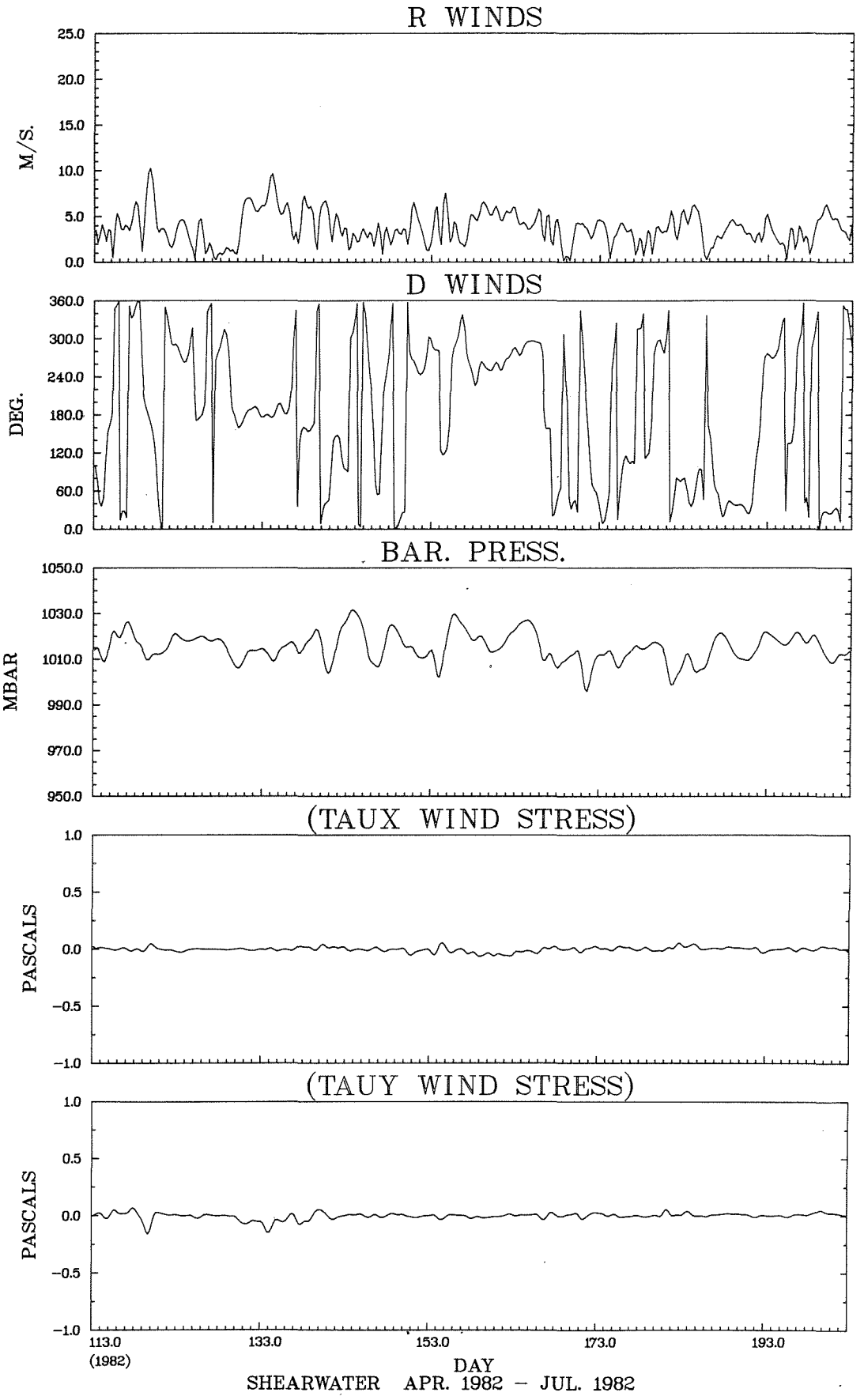
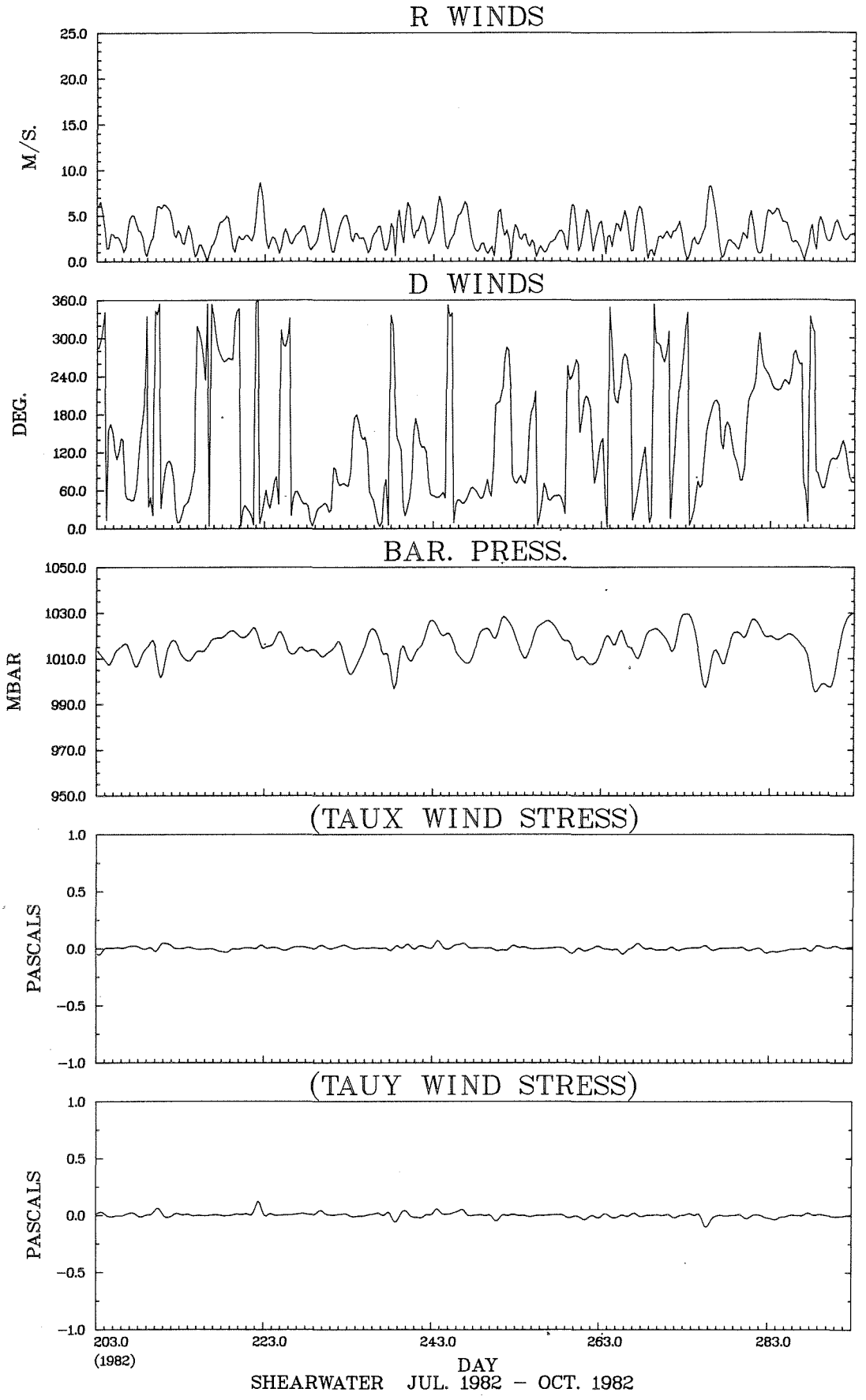
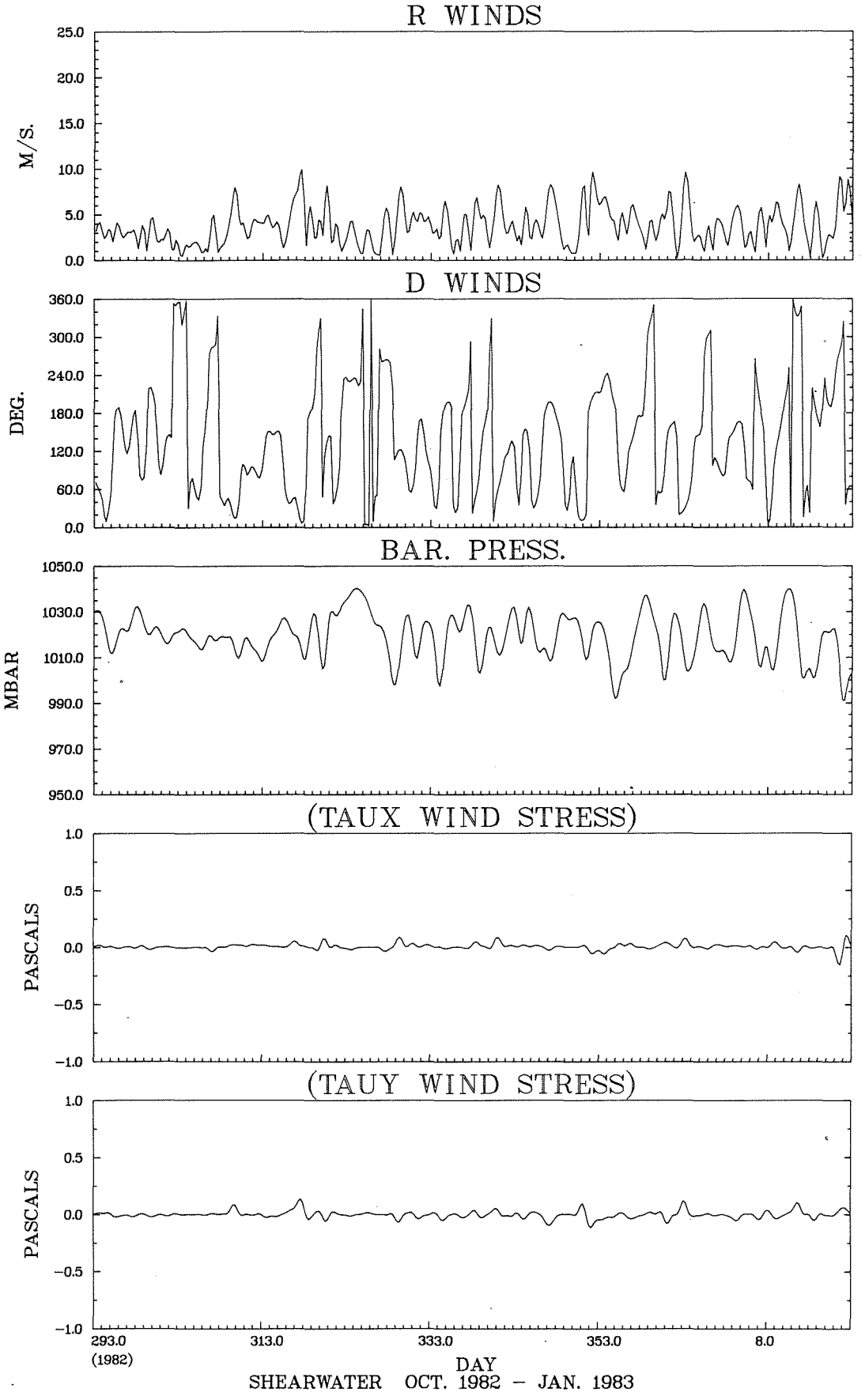
23.0
(1982)
43.0
63.0
83.0
103.0
DAY
SHEARWATER JAN. 1982 - APR. 1982



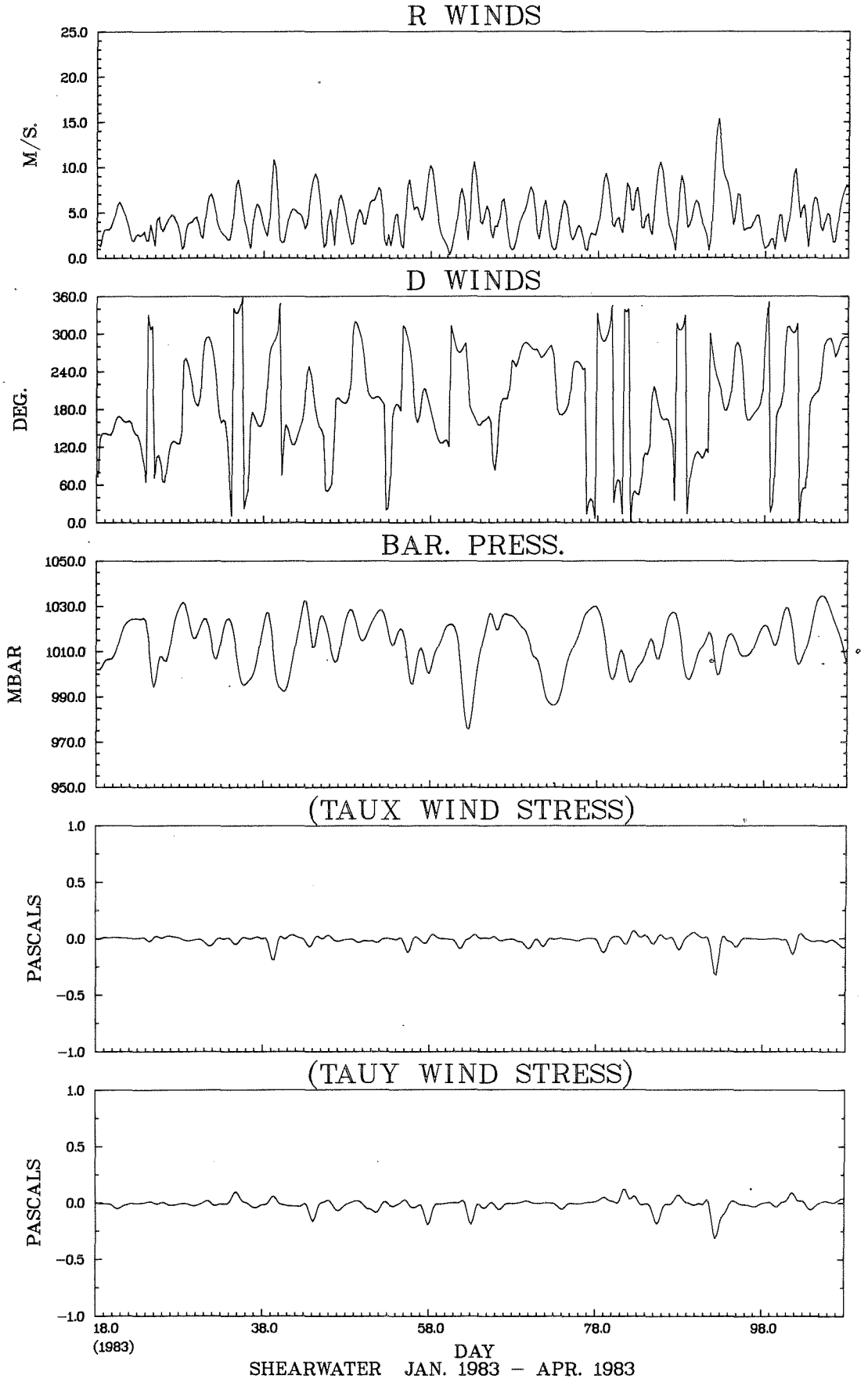
SHEARWATER APR. 1982 – JUL. 1982



SHEARWATER JUL. 1982 – OCT. 1982



SHEARWATER OCT. 1982 – JAN. 1983


R WINDS
M/S.
25.0
20.0
15.0
10.0
5.0
0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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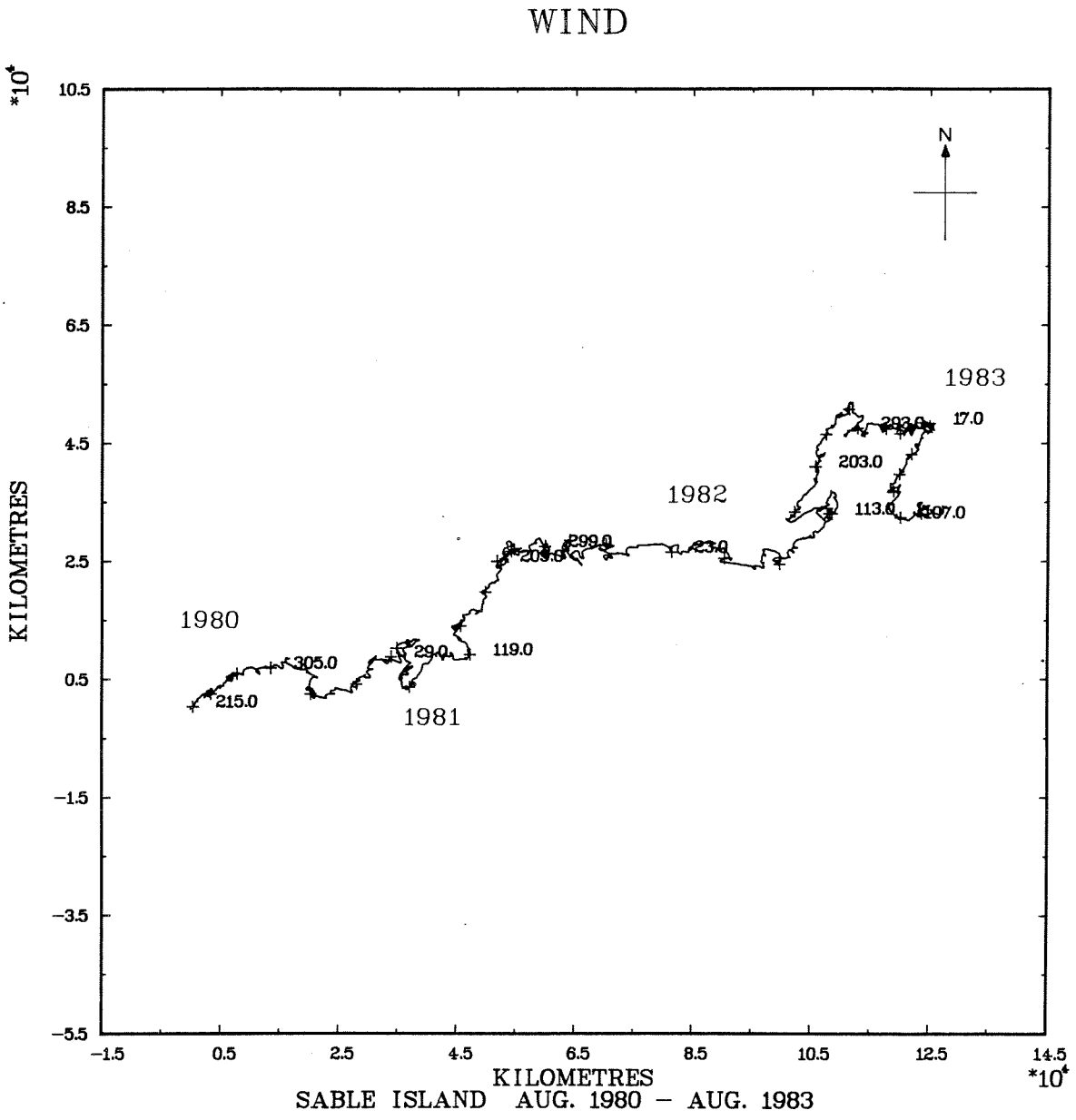
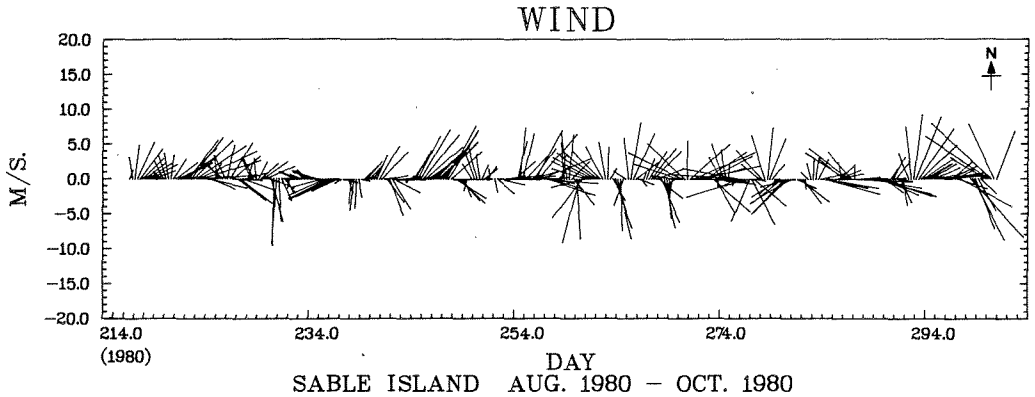
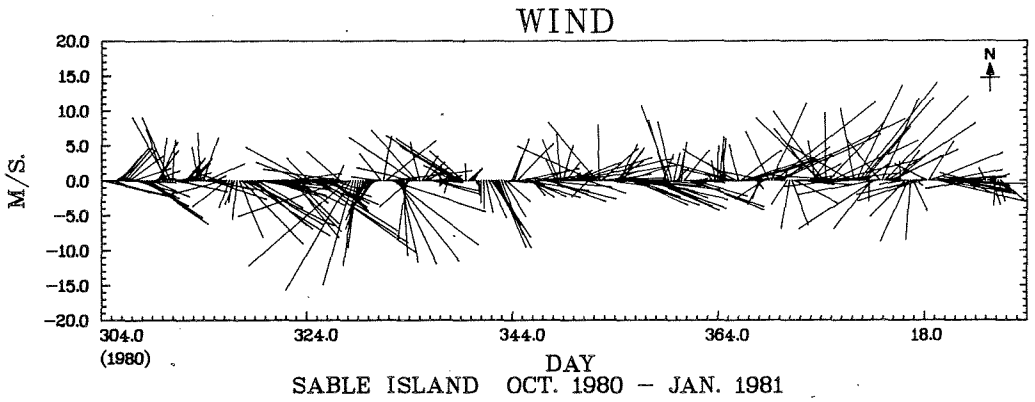
-1.0
18.0
(1983)
38.0
58.0
78.0
98.0
DAY
SHEARWATER JAN. 1983 - APR. 1983



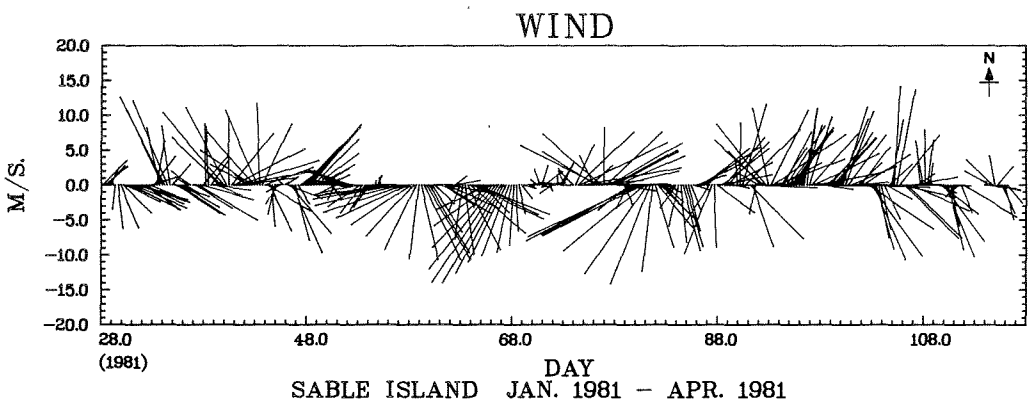
SABLE ISLAND AUG. 1980 – AUG. 1983



SABLE ISLAND AUG. 1980 – OCT. 1980



SABLE ISLAND OCT. 1980 – JAN. 1981



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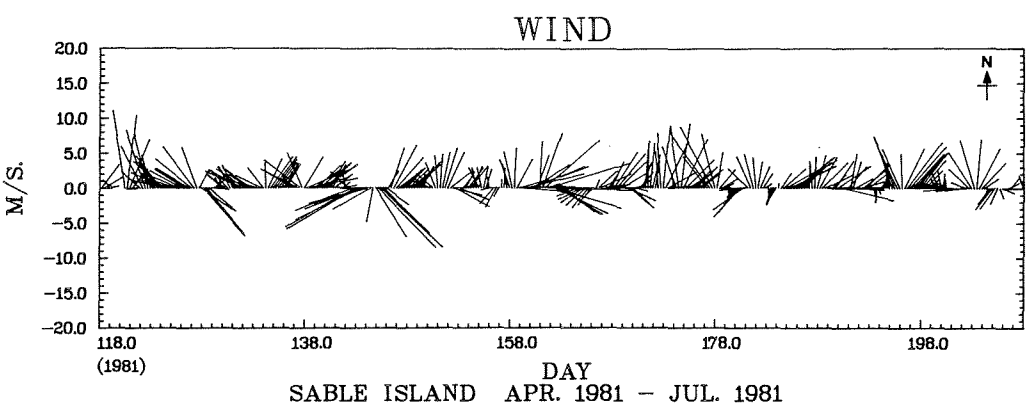
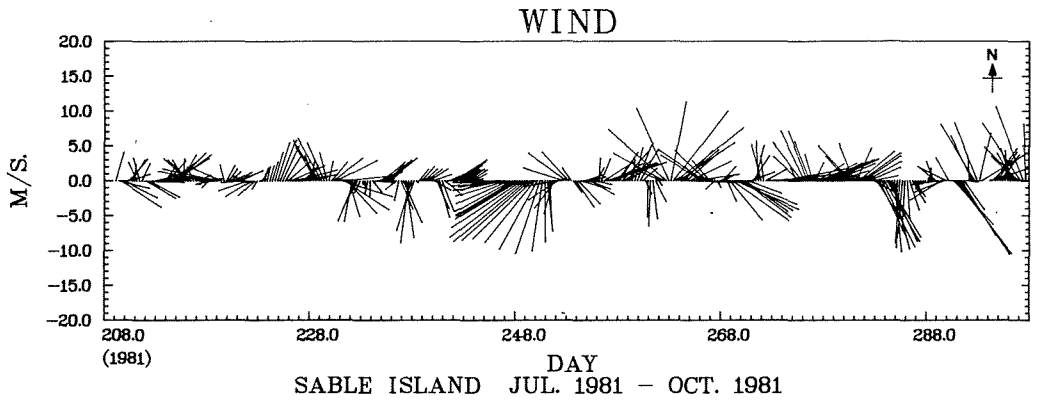
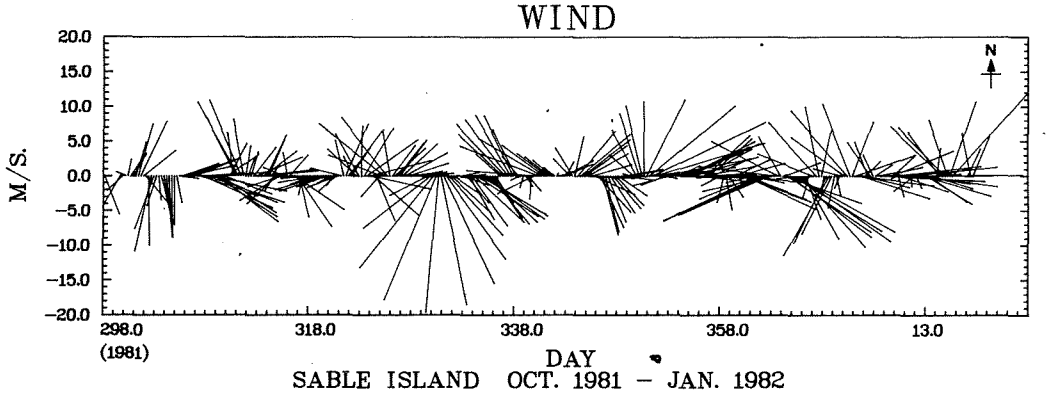


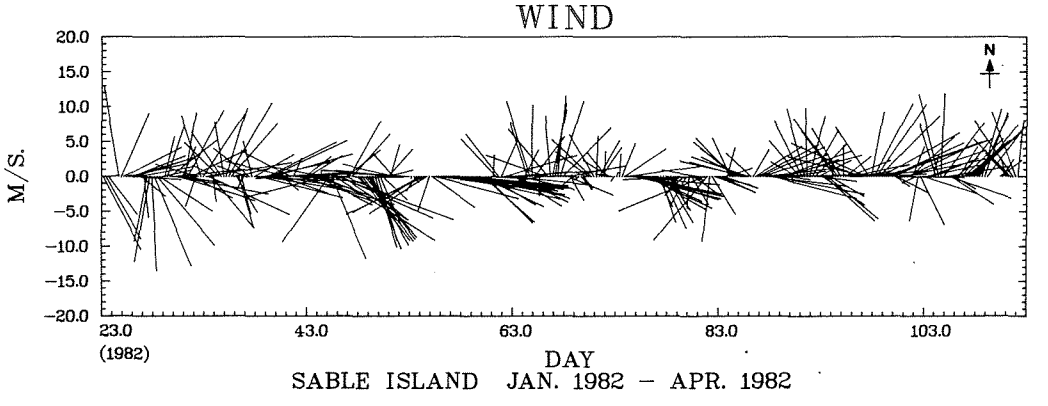
SABLE ISLAND APR. 1981 – JUL. 1981



SABLE ISLAND JUL. 1981 – OCT. 1981



SABLE ISLAND OCT. 1981 – JAN. 1982



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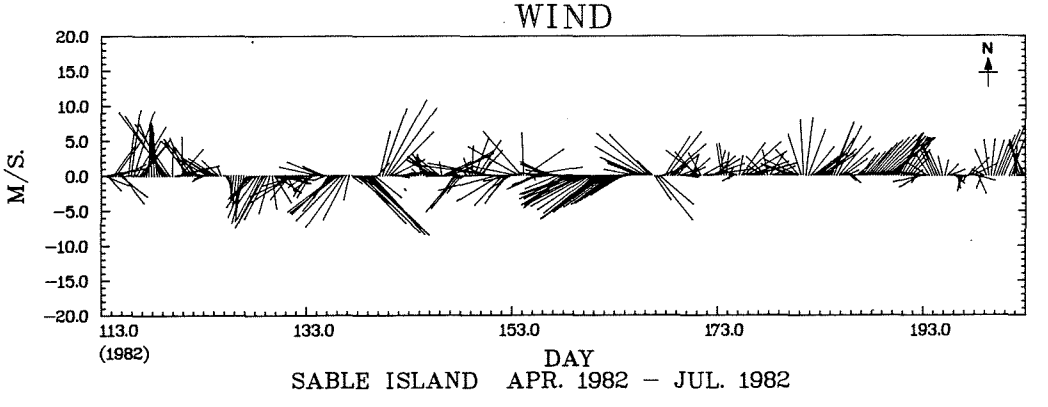

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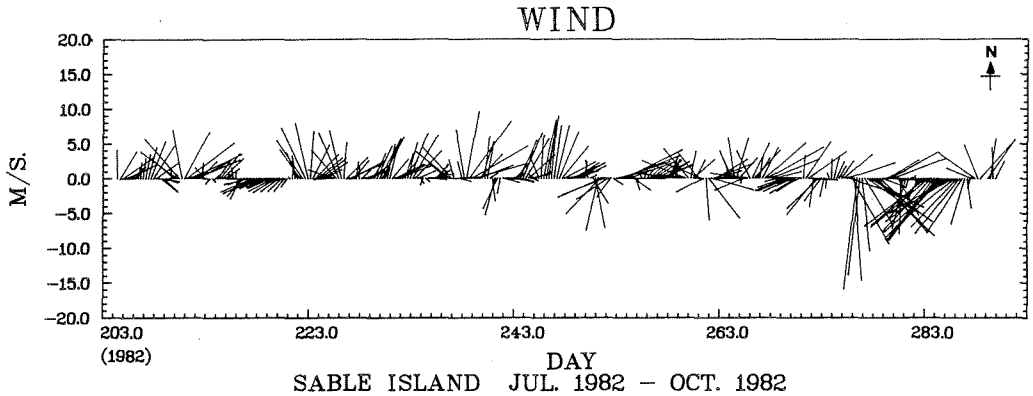

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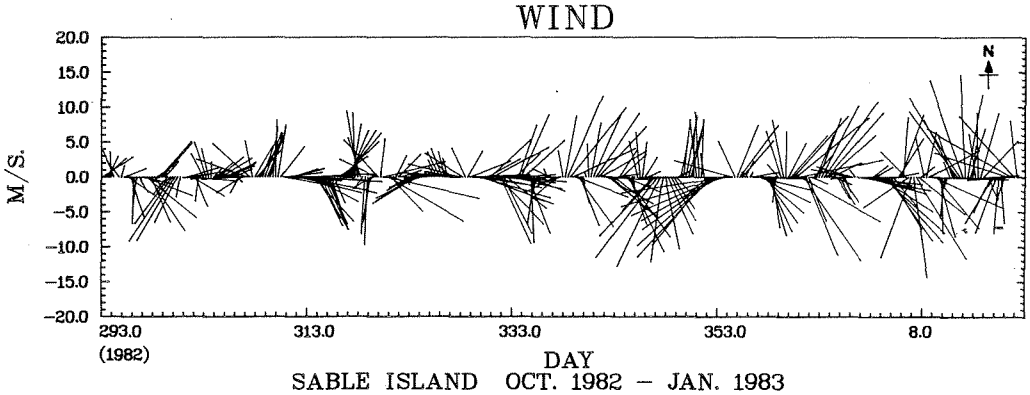
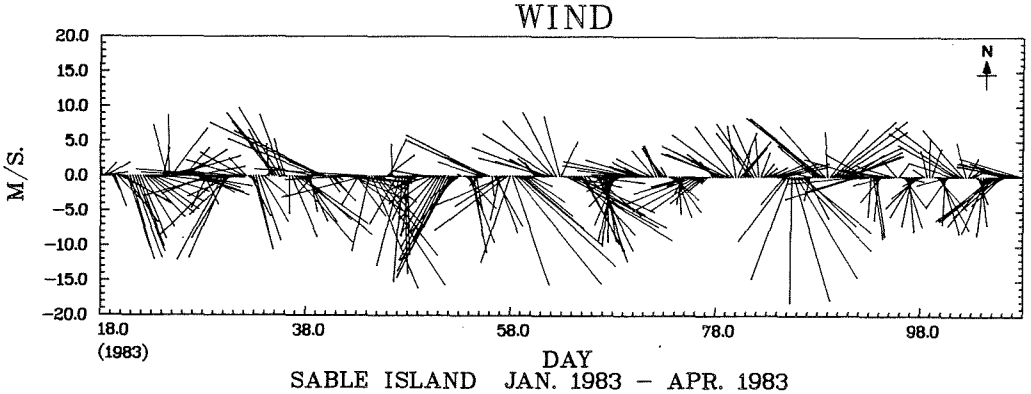
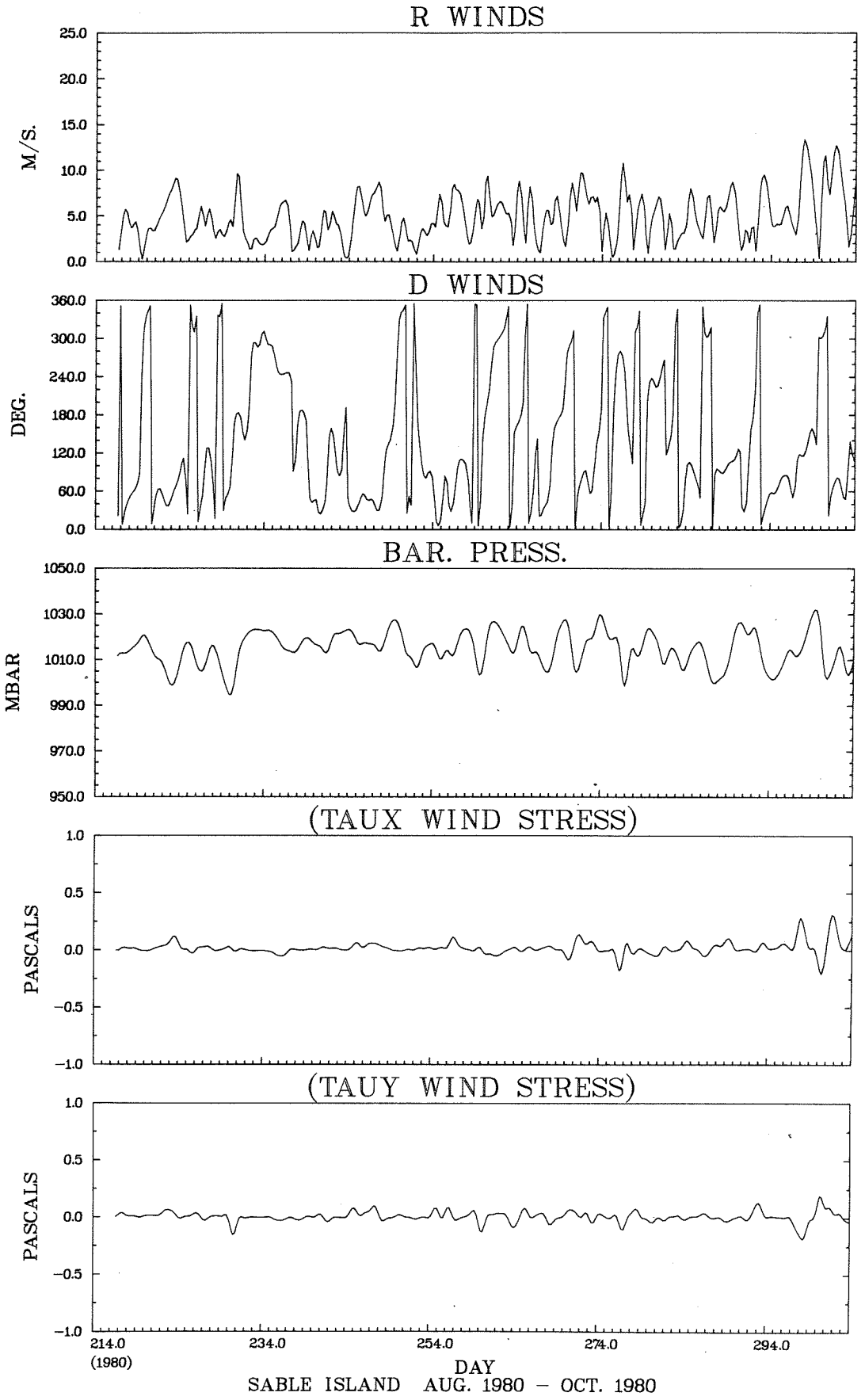


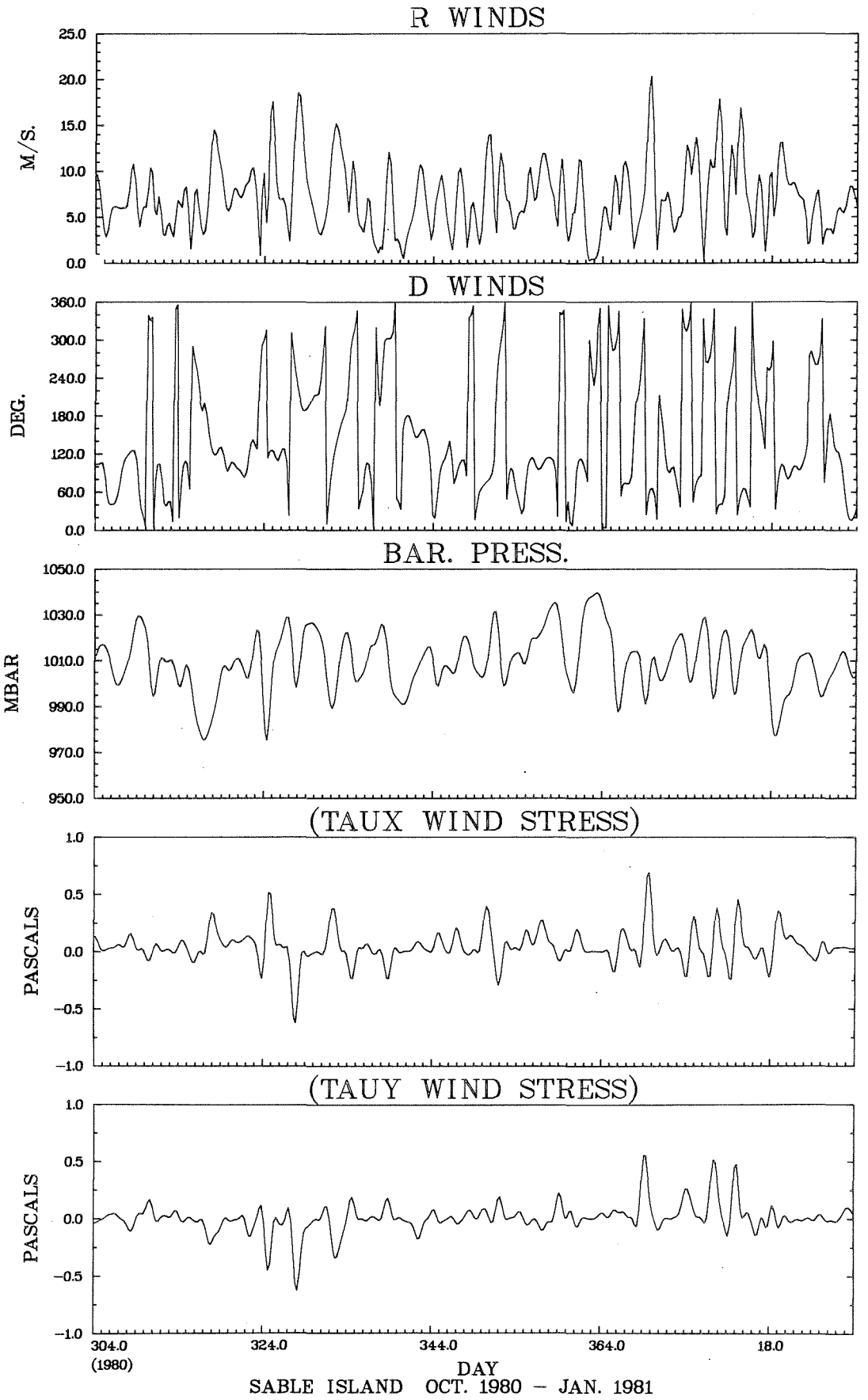
SABLE ISLAND OCT. 1982 – JAN. 1983



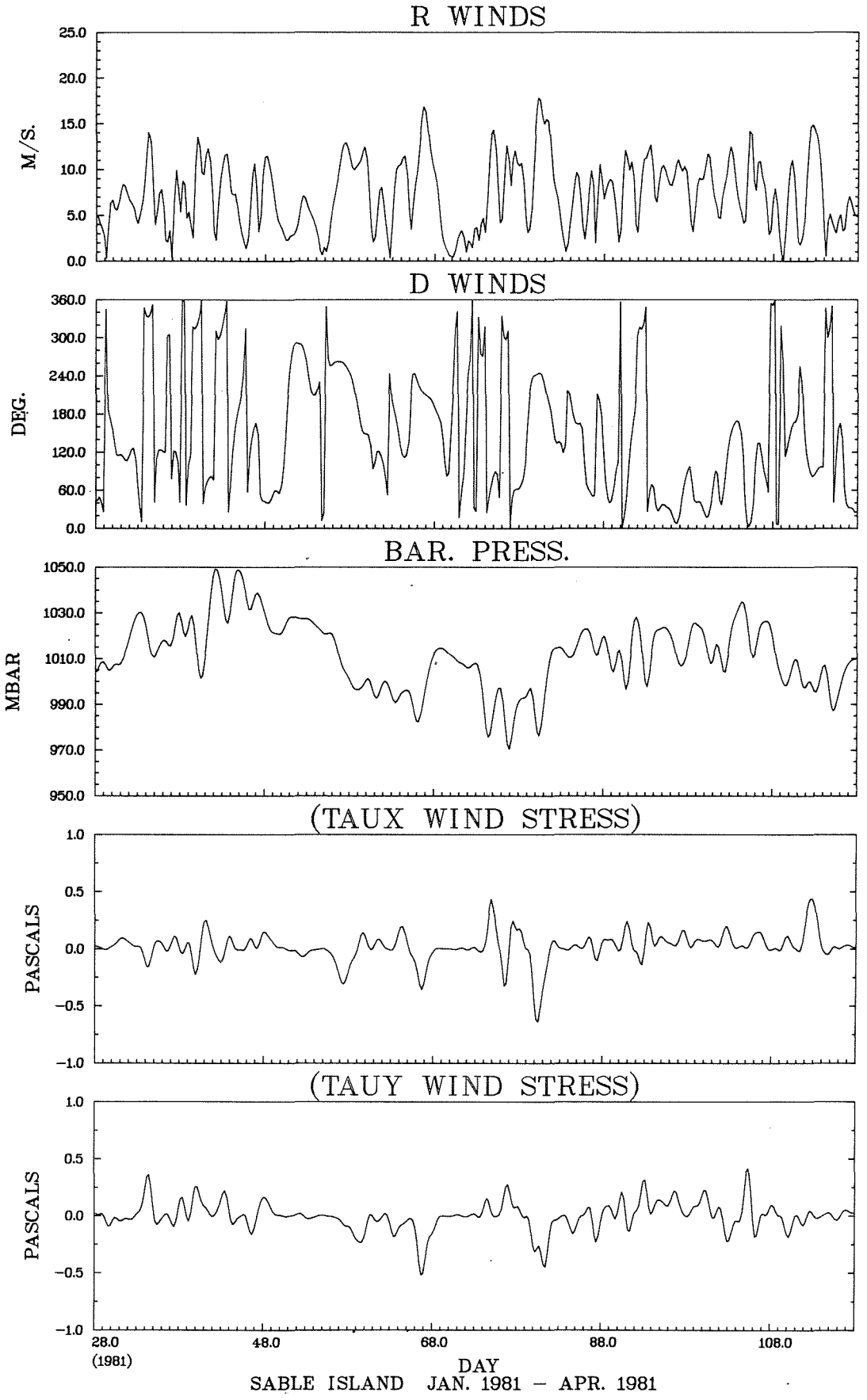
SABLE ISLAND JAN. 1983 – APR. 1983



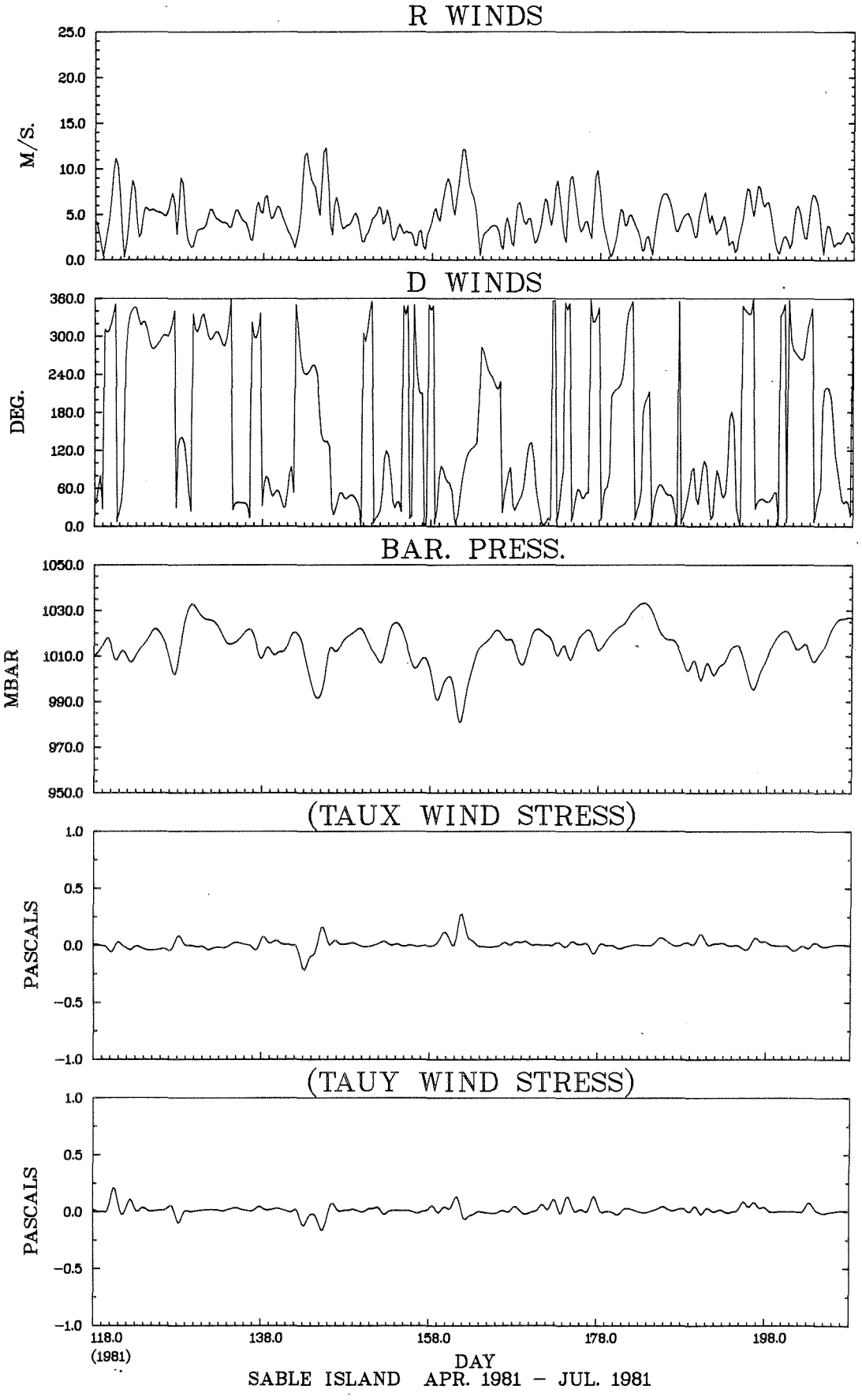
SABLE ISLAND AUG. 1980 – OCT. 1980



SABLE ISLAND OCT. 1980 – JAN. 1981



SABLE ISLAND JAN. 1981 – APR. 1981


R WINDS
M/S.
25.0
20.0
15.0
10.0
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0.0
D WINDS
DEG.
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240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
−0.5
−1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
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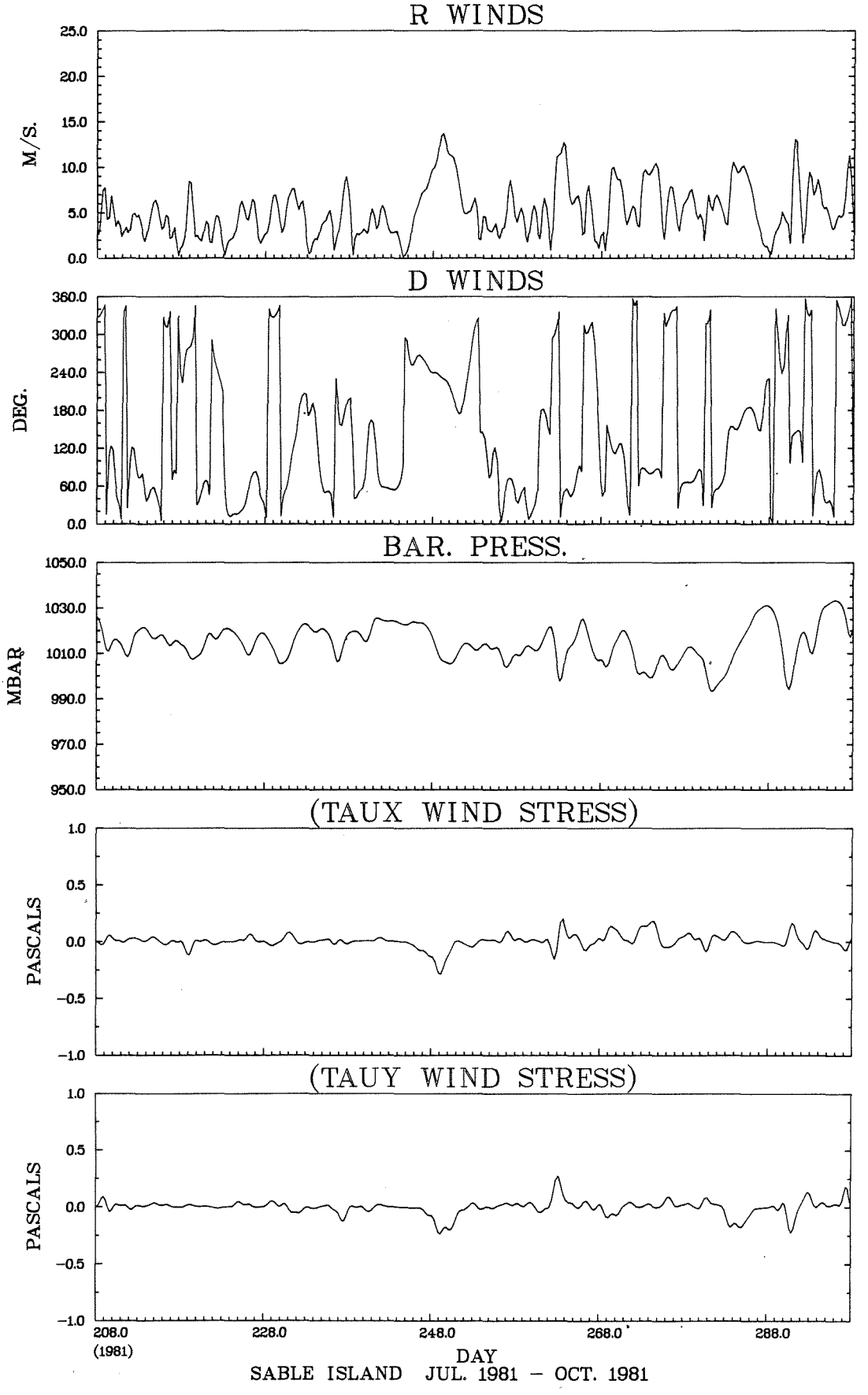
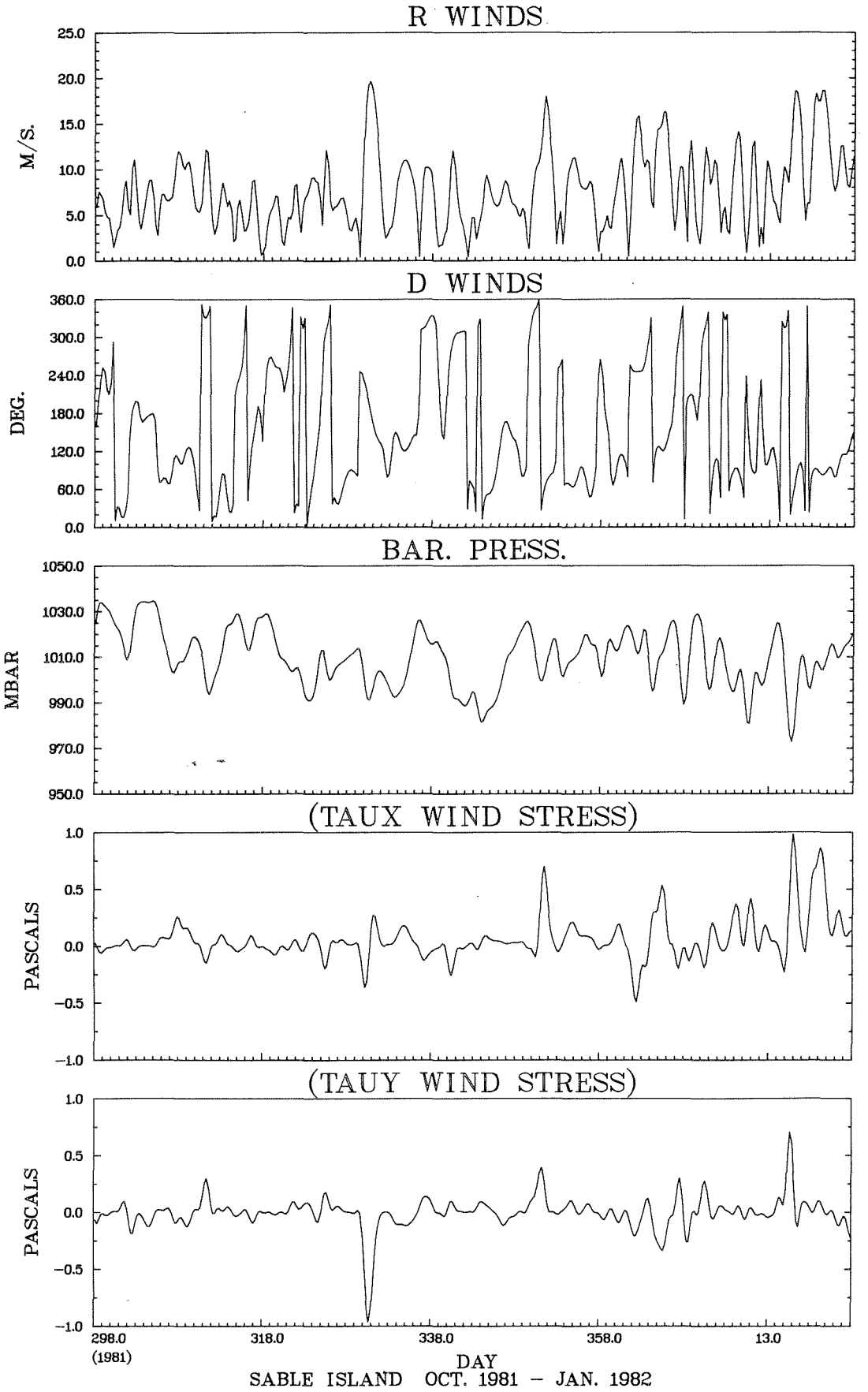
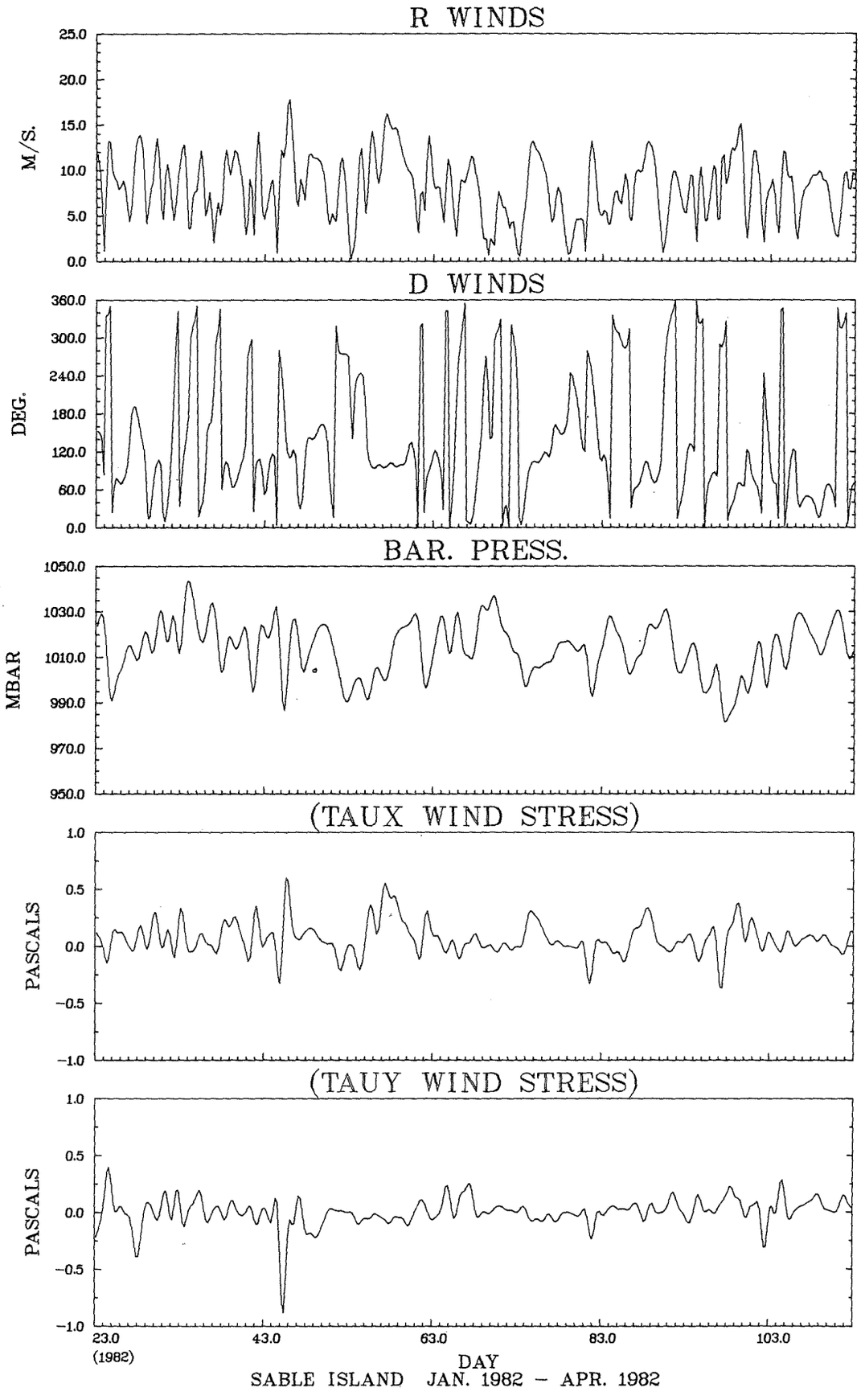
−1.0
118.0
(1981)
138.0
158.0
178.0
198.0
DAY
SABLE ISLAND APR. 1981 − JUL. 1981

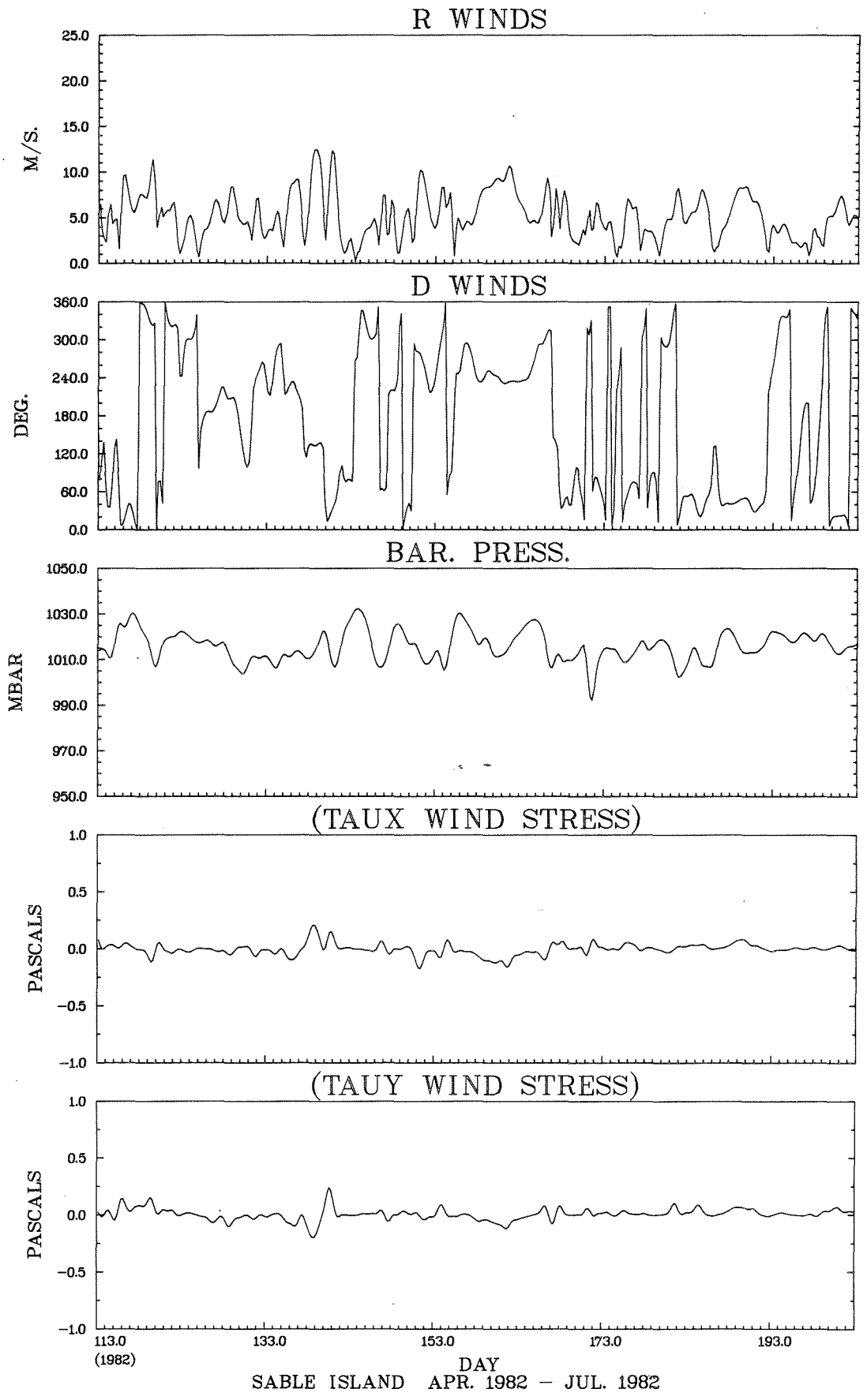


SABLE ISLAND JUL. 1981 – OCT. 1981

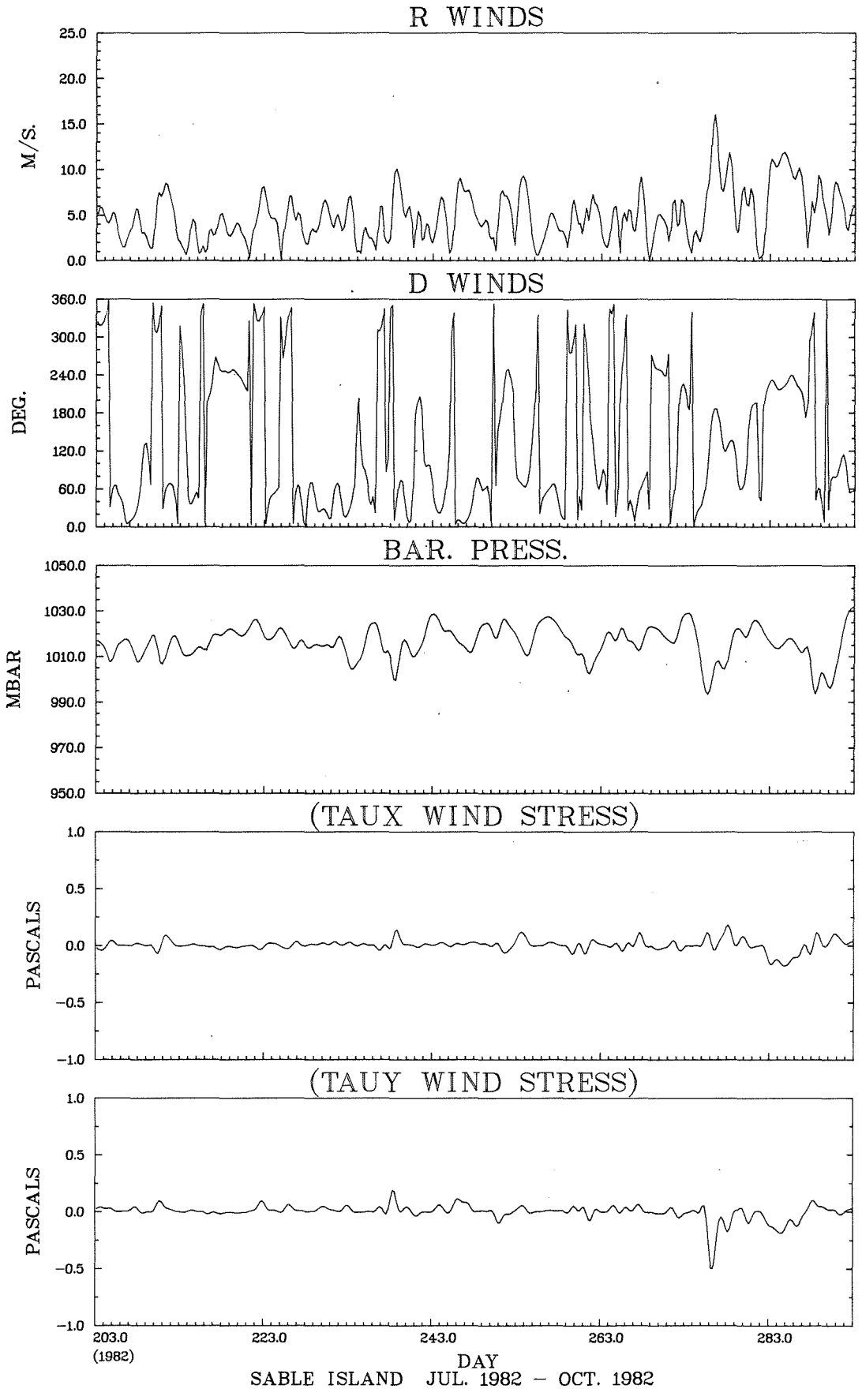

R WINDS
M/S.
25.0
20.0
15.0
10.0
5.0
0.0
D WINDS
DEG.
360.0
300.0
240.0
180.0
120.0
60.0
0.0
BAR. PRESS.
MBAR
1050.0
1030.0
1010.0
990.0
970.0
950.0
(TAUX WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
(TAUY WIND STRESS)
PASCALS
1.0
0.5
0.0
-0.5
-1.0
298.0
(1981)
318.0
338.0
358.0
13.0
DAY
SABLE ISLAND OCT. 1981 - JAN. 1982



SABLE ISLAND JAN. 1982 – APR. 1982



SABLE ISLAND APR. 1982 – JUL. 1982



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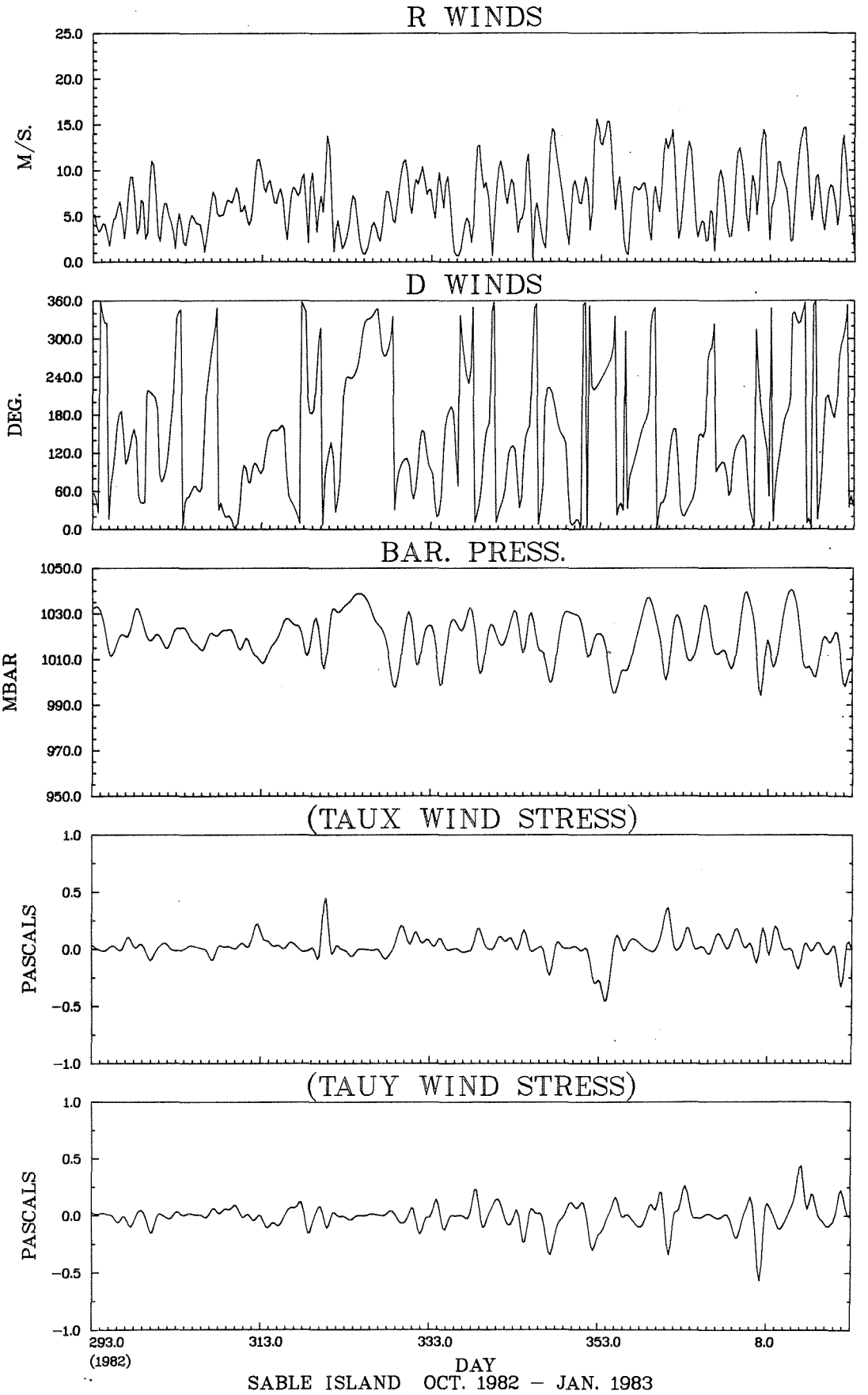

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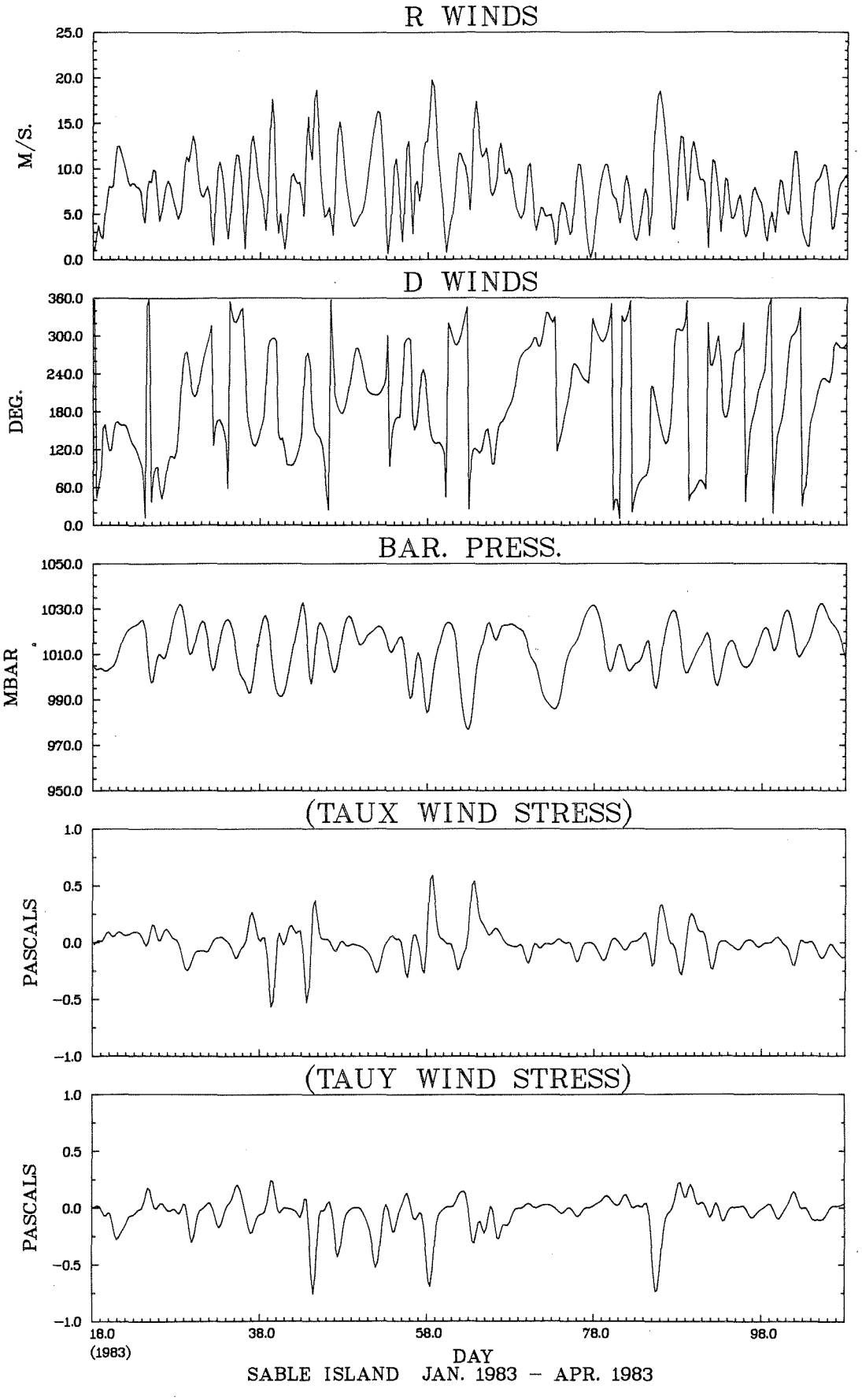

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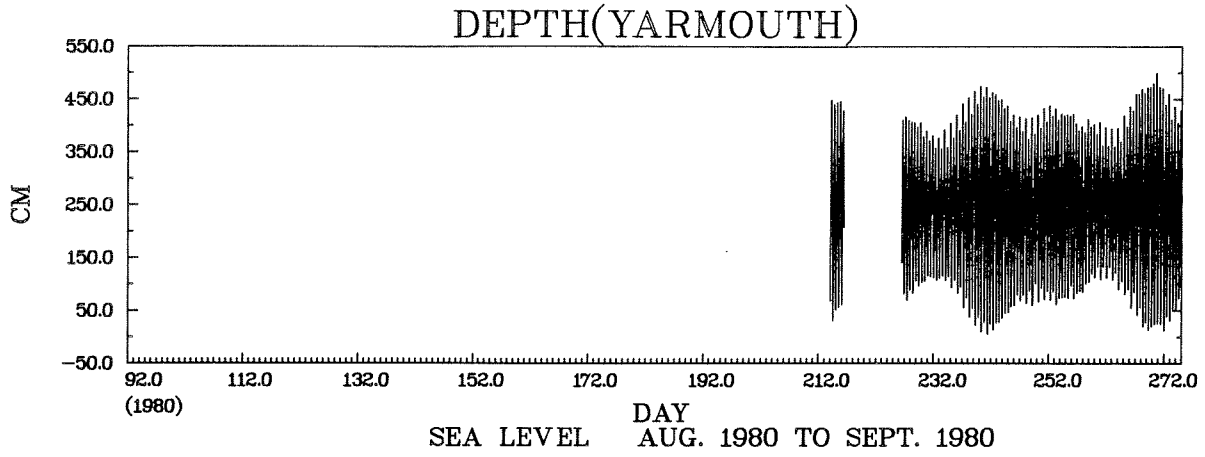
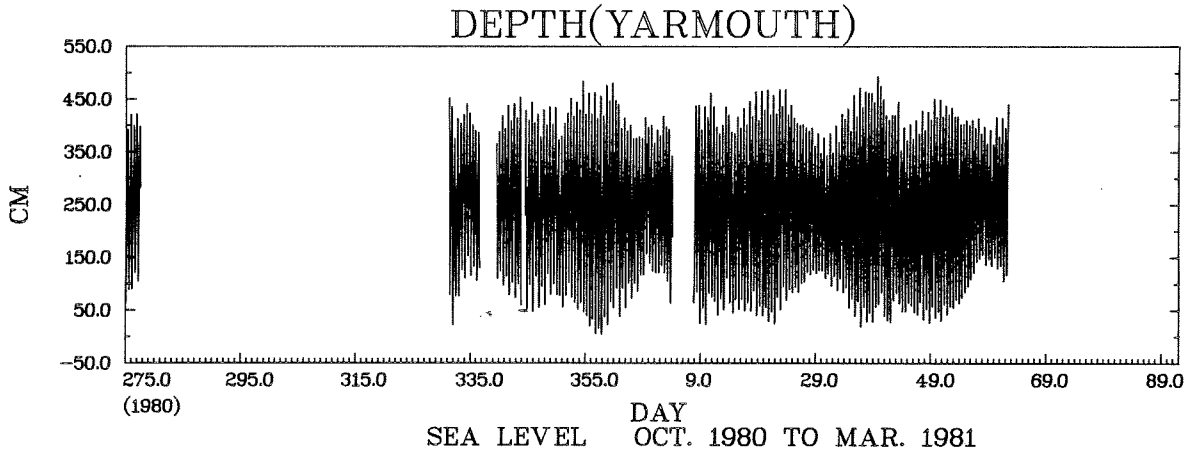
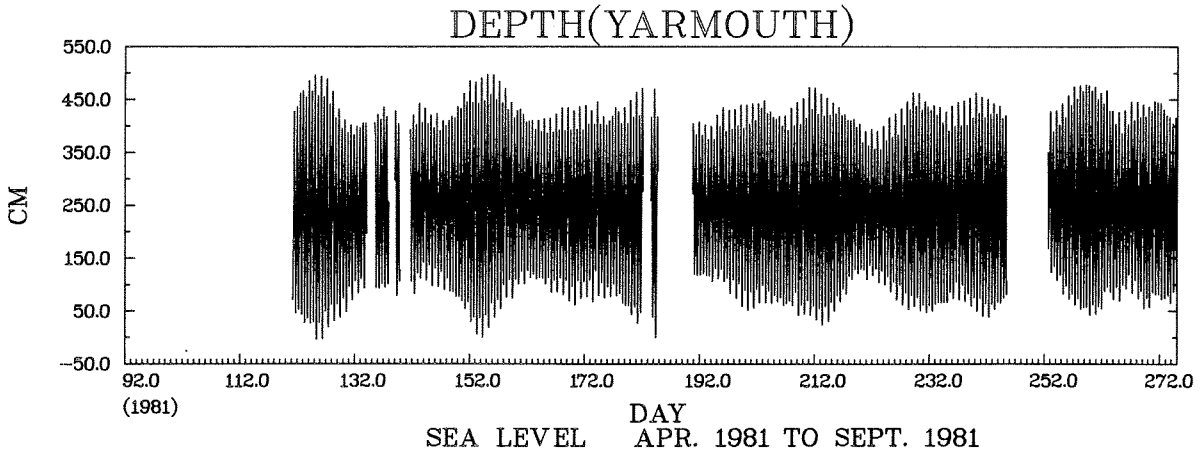


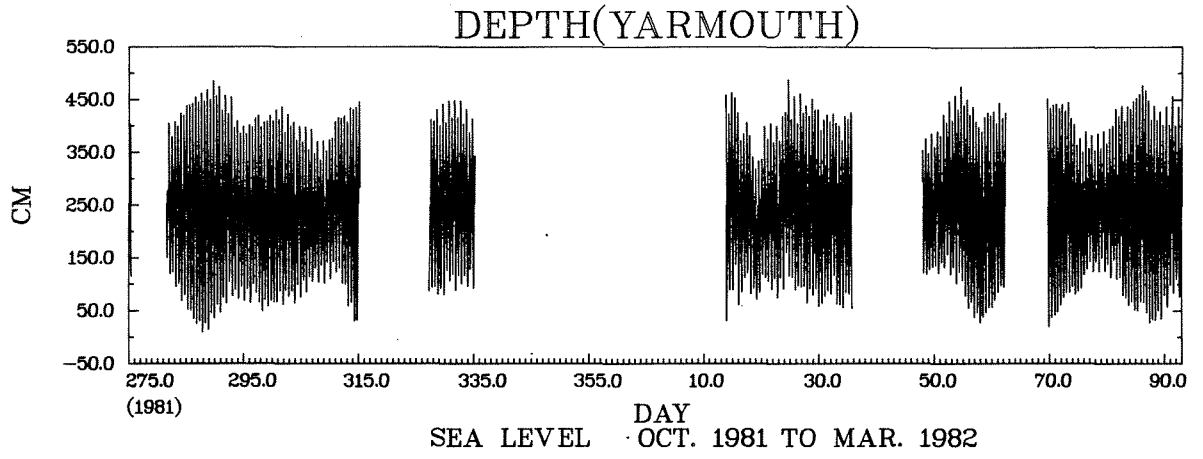
SEA LEVEL AUG. 1980 TO SEPT. 1980



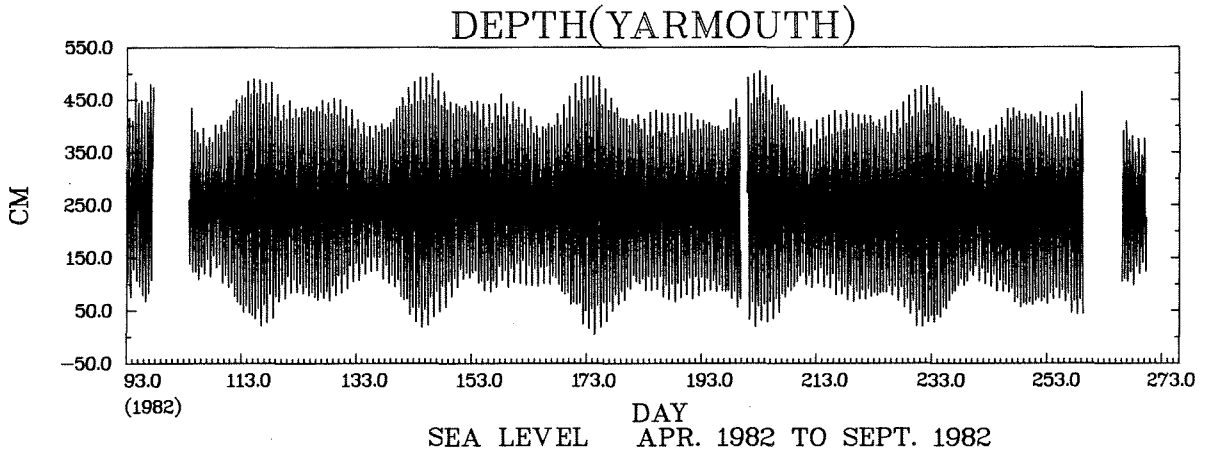
SEA LEVEL OCT. 1980 TO MAR. 1981



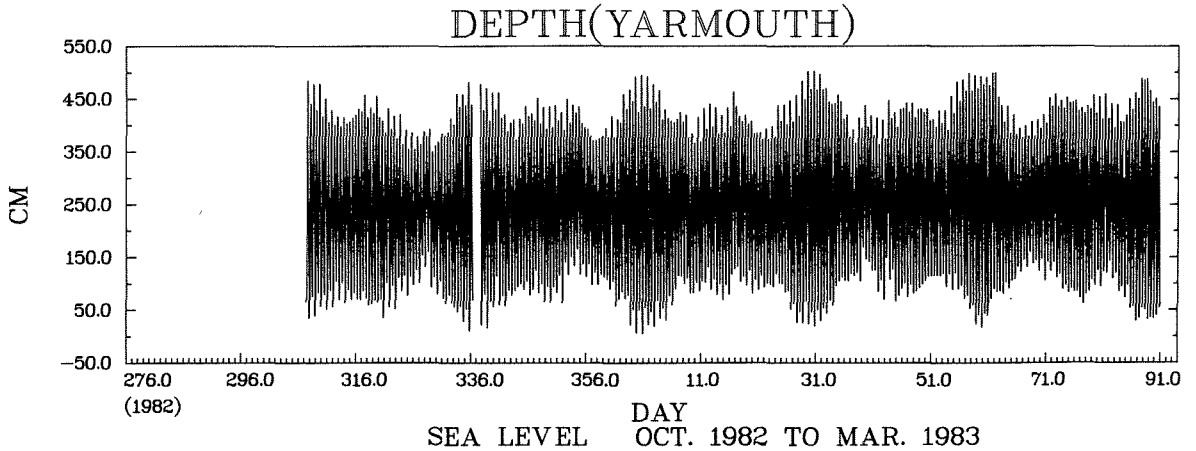
SEA LEVEL APR. 1981 TO SEPT. 1981



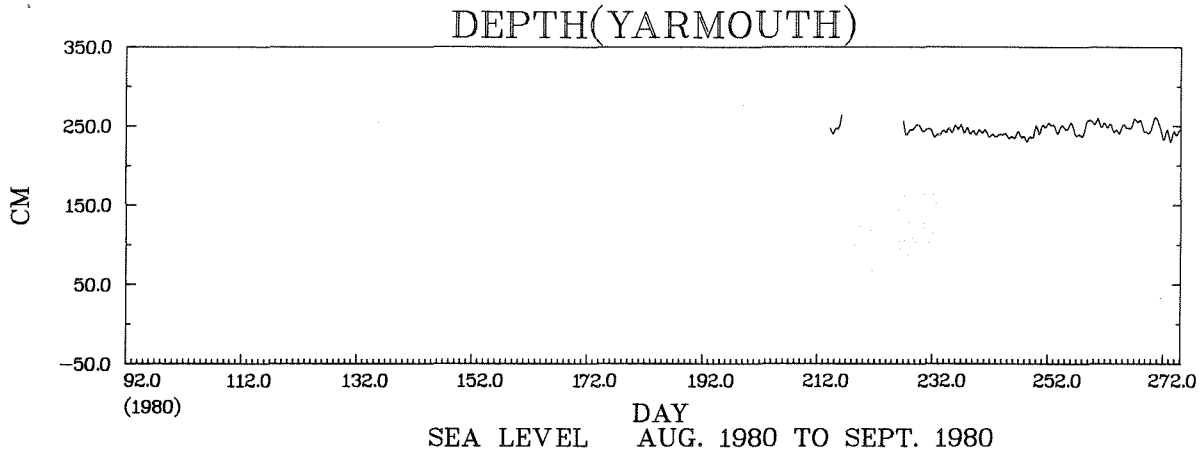
SEA LEVEL OCT. 1981 TO MAR. 1982



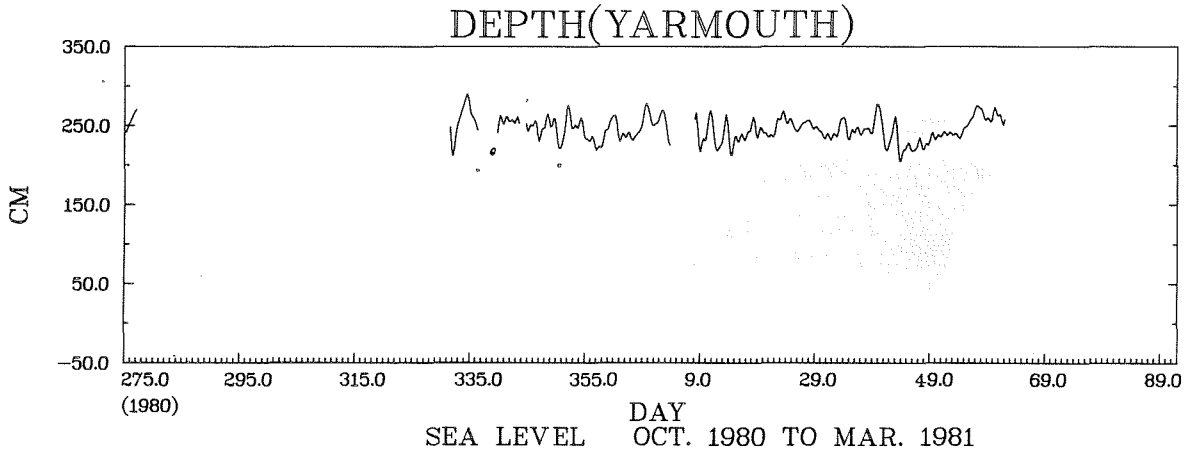
SEA LEVEL APR. 1982 TO SEPT. 1982



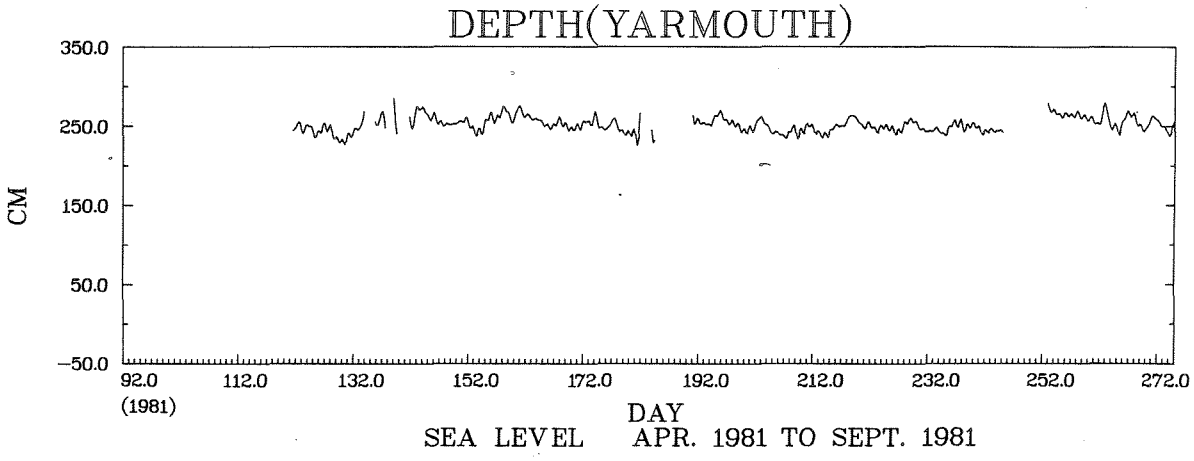
SEA LEVEL OCT. 1982 TO MAR. 1983



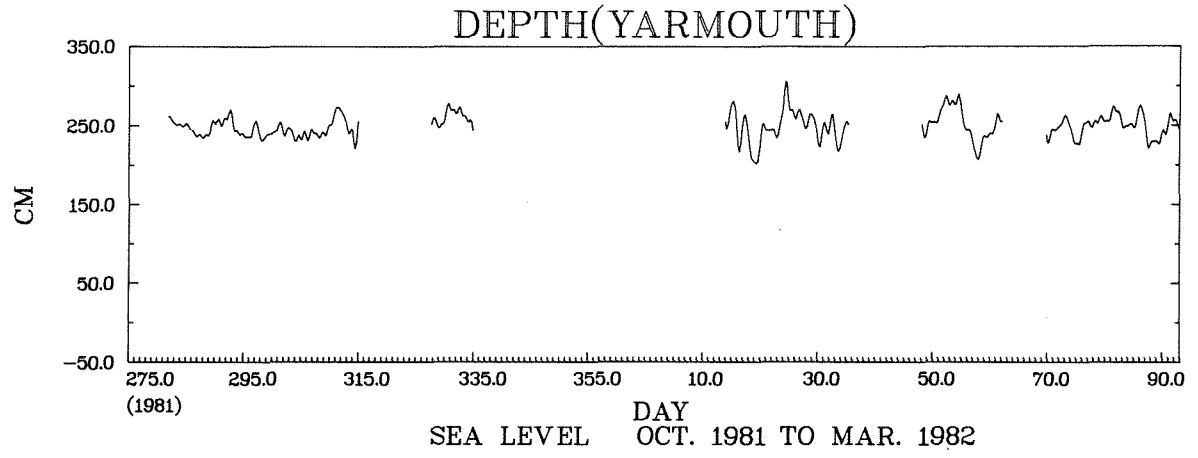
SEA LEVEL AUG. 1980 TO SEPT. 1980



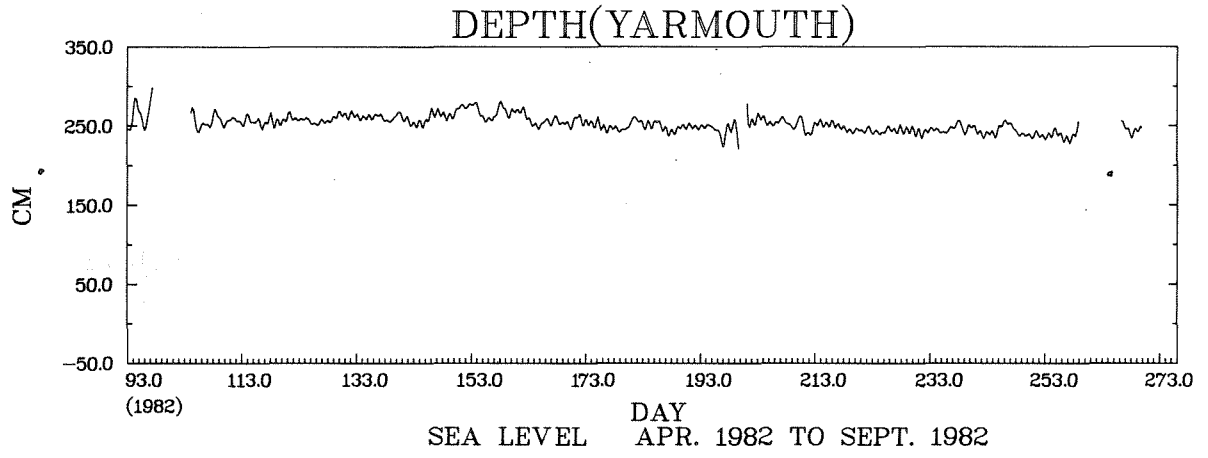
SEA LEVEL OCT. 1980 TO MAR. 1981



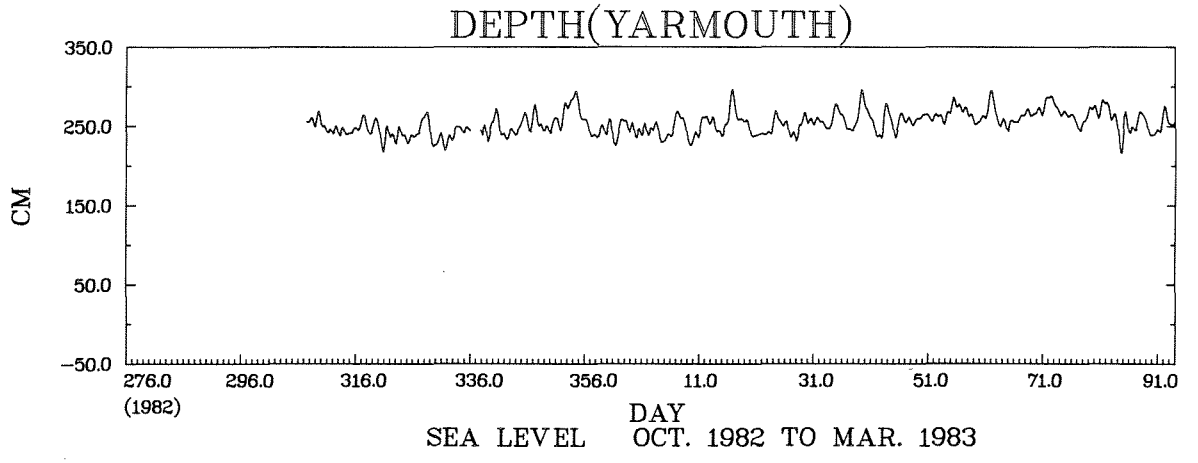
SEA LEVEL APR. 1981 TO SEPT. 1981



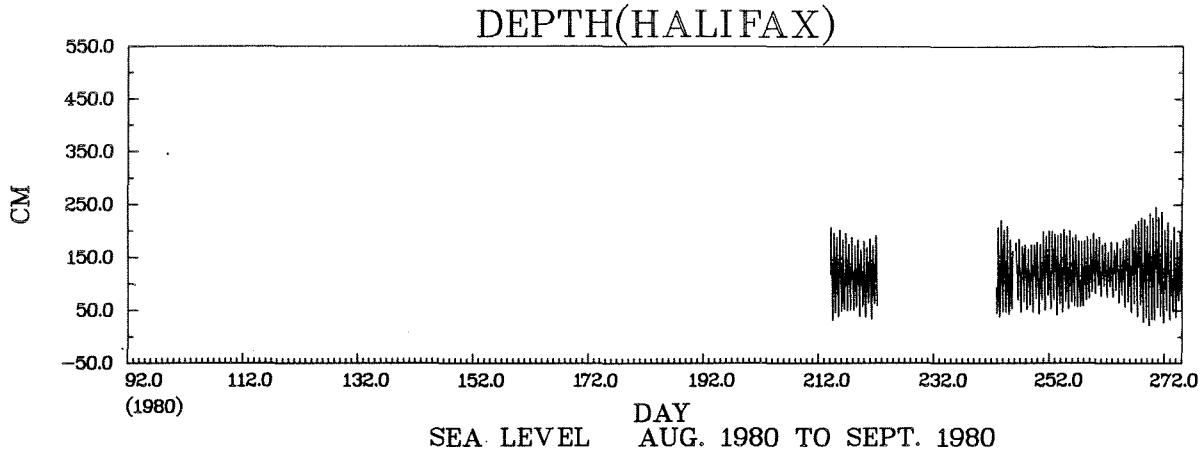
SEA LEVEL OCT. 1981 TO MAR. 1982



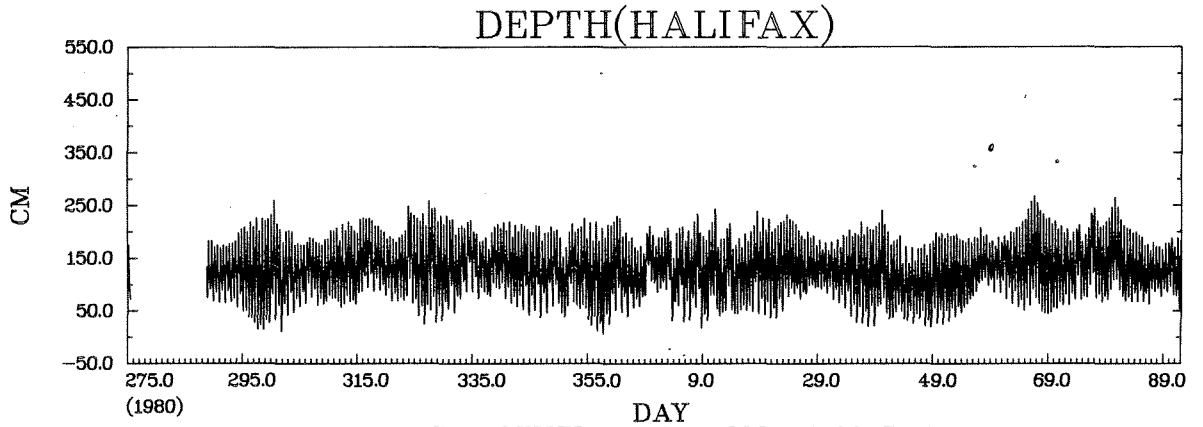
SEA LEVEL APR. 1982 TO SEPT. 1982



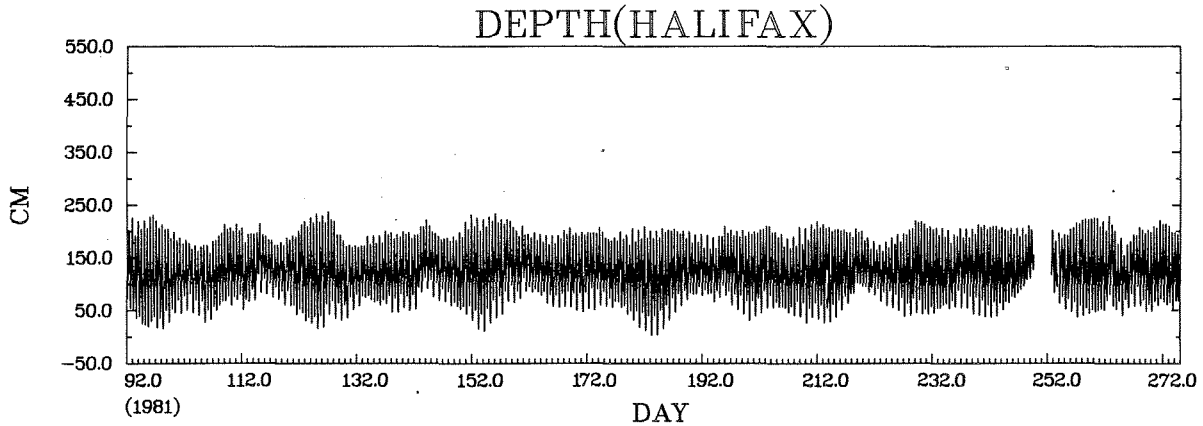
SEA LEVEL OCT. 1982 TO MAR. 1983



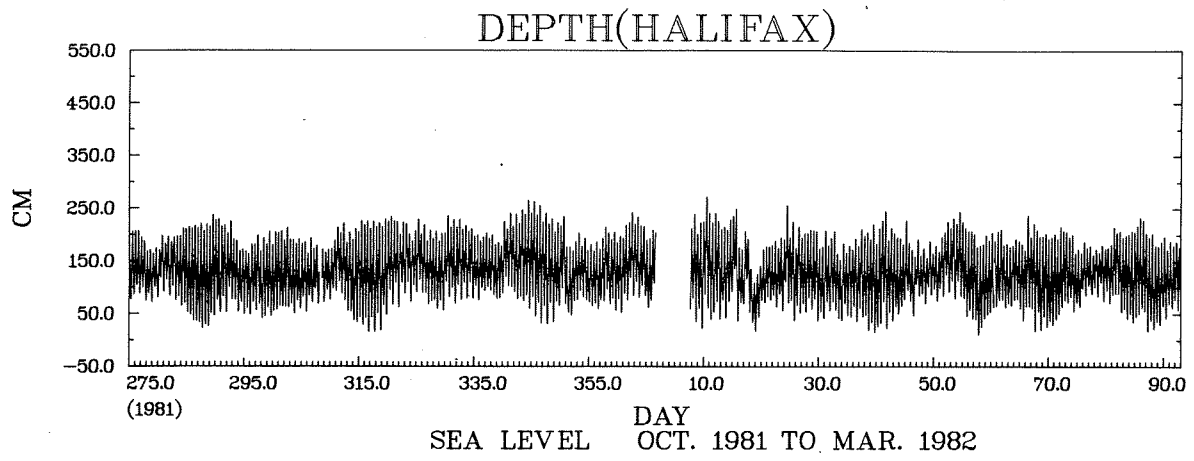
SEA LEVEL AUG. 1980 TO SEPT. 1980



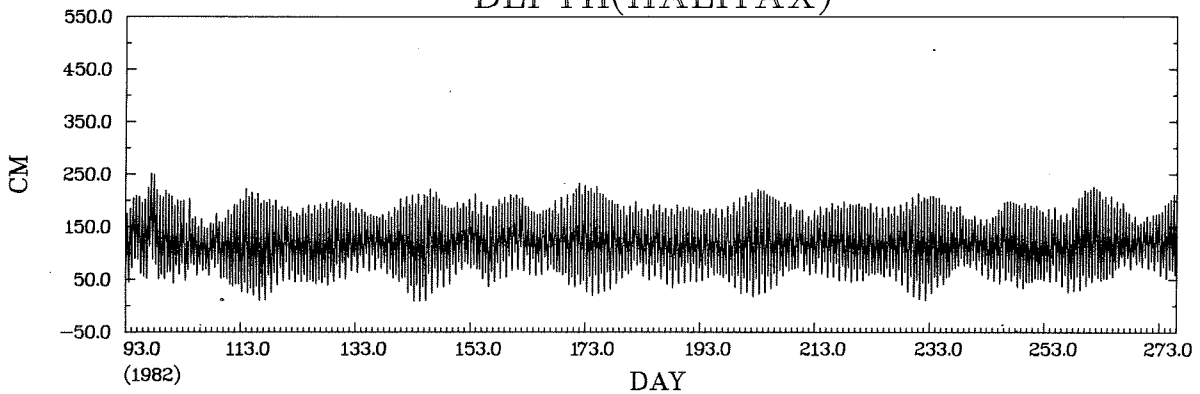
SEA LEVEL OCT. 1980 TO MAR. 1981



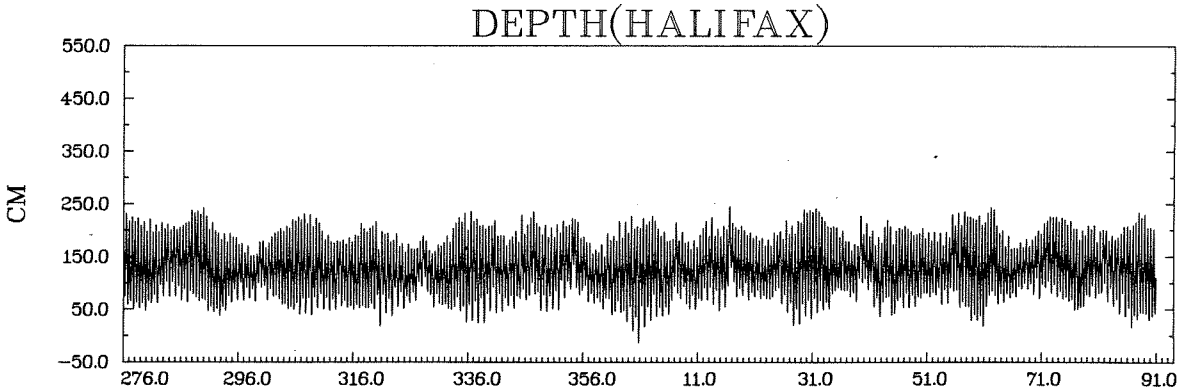
SEA LEVEL APR. 1981 TO SEPT. 1981



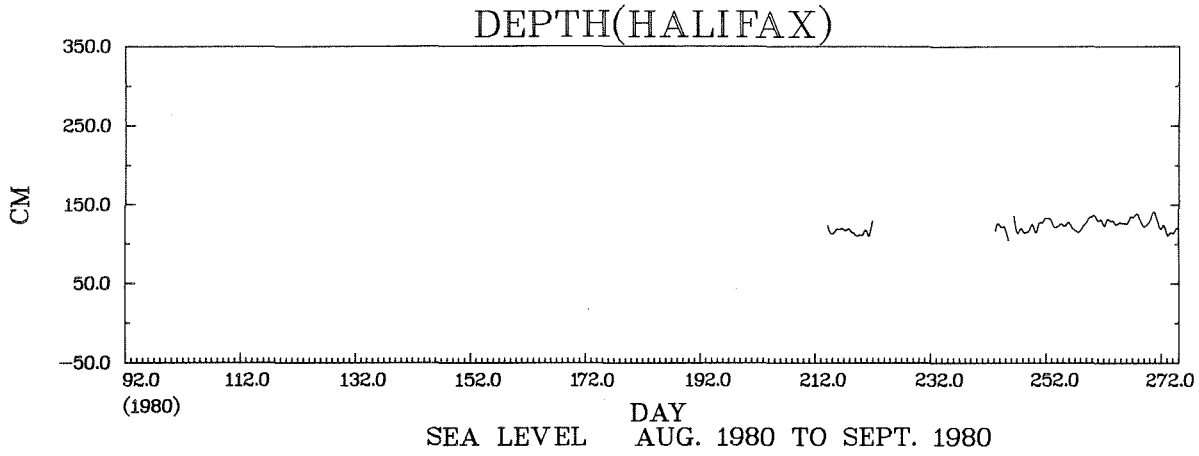
SEA LEVEL OCT. 1981 TO MAR. 1982



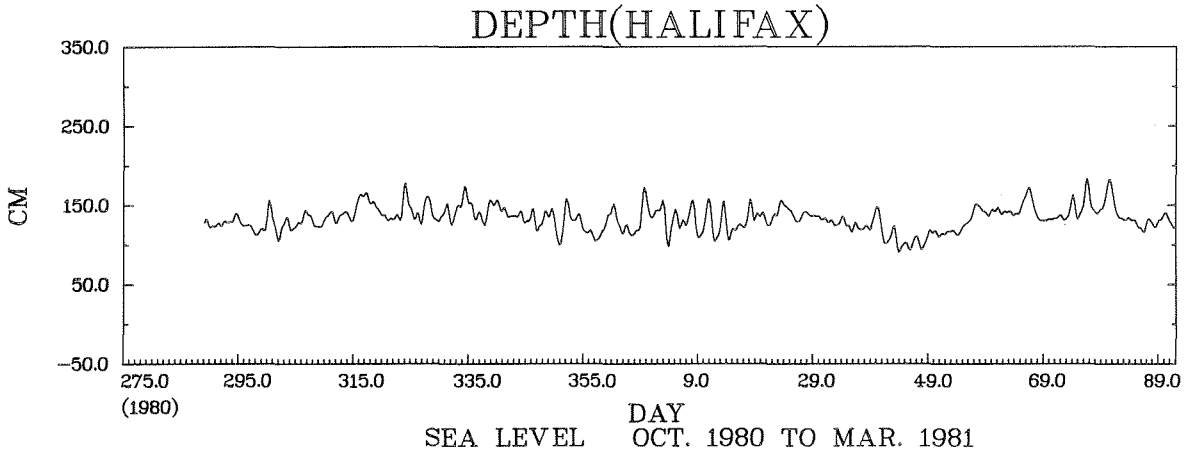
SEA LEVEL APR. 1982 TO SEPT. 1982



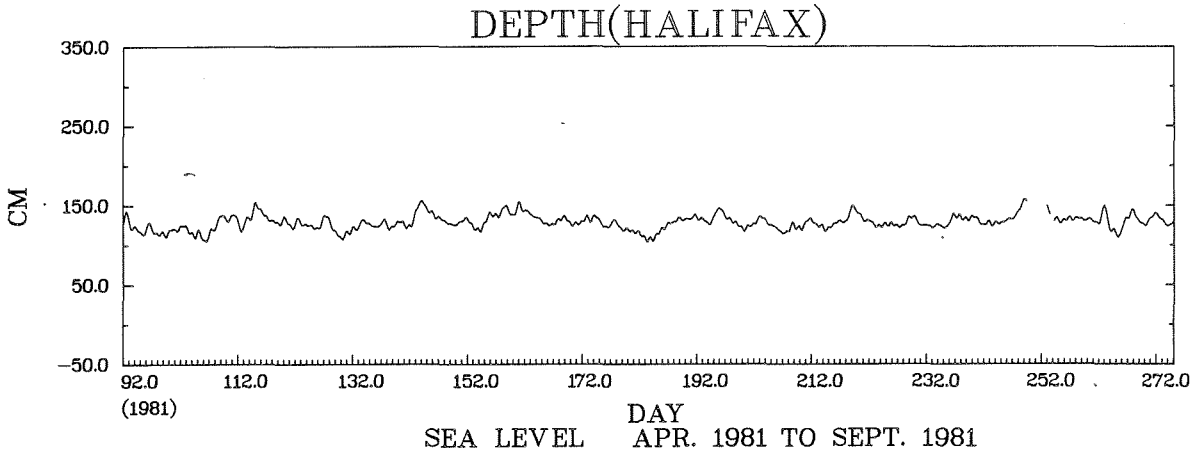
SEA LEVEL OCT. 1982 TO MAR. 1983



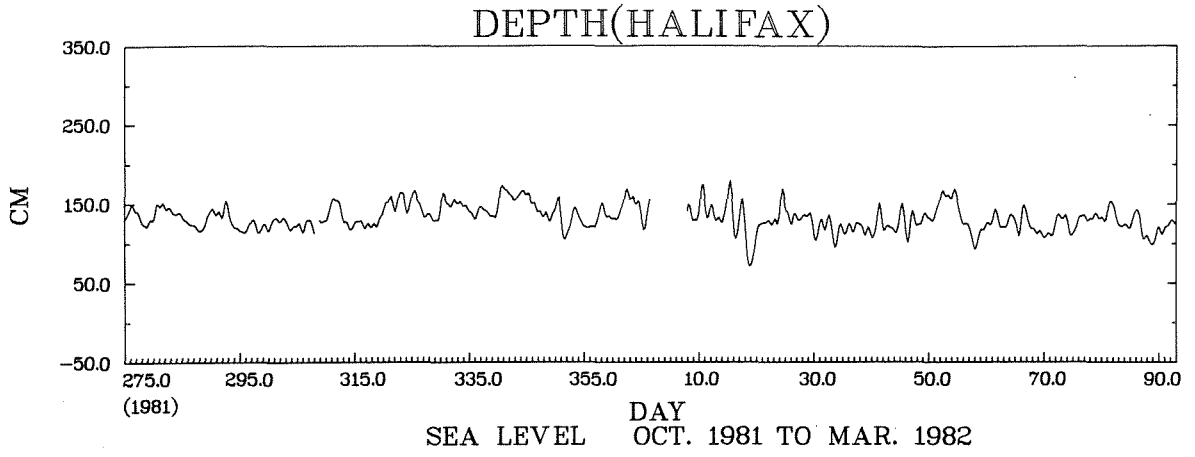
SEA LEVEL AUG. 1980 TO SEPT. 1980



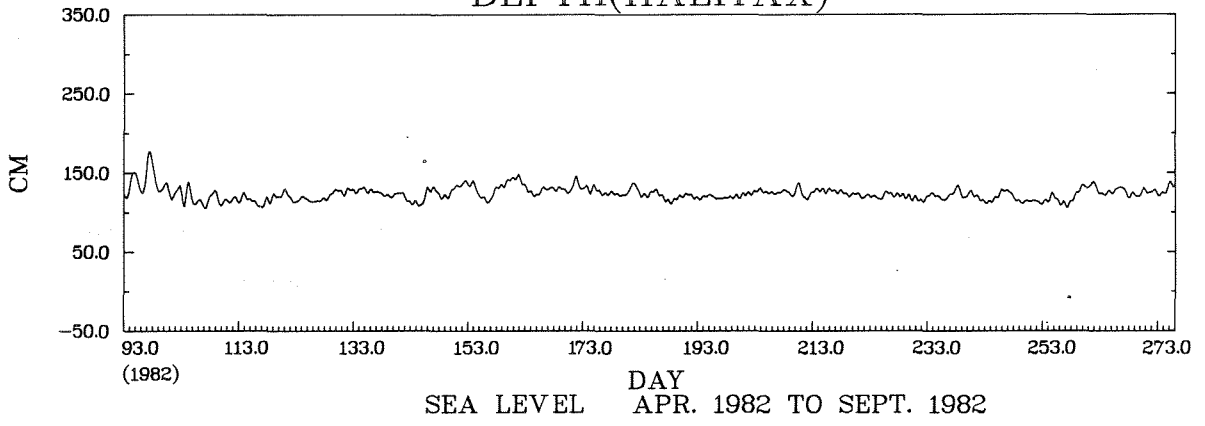
SEA LEVEL OCT. 1980 TO MAR. 1981



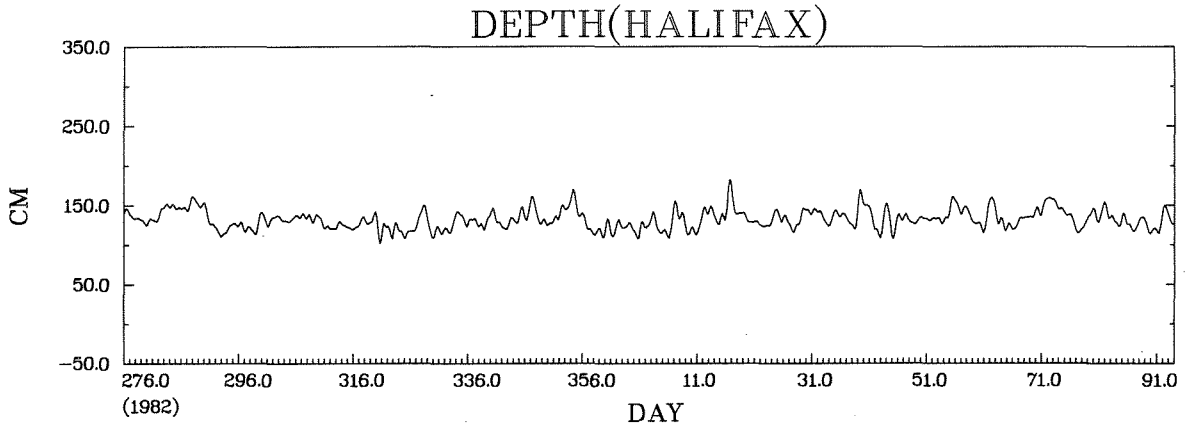
SEA LEVEL APR. 1981 TO SEPT. 1981



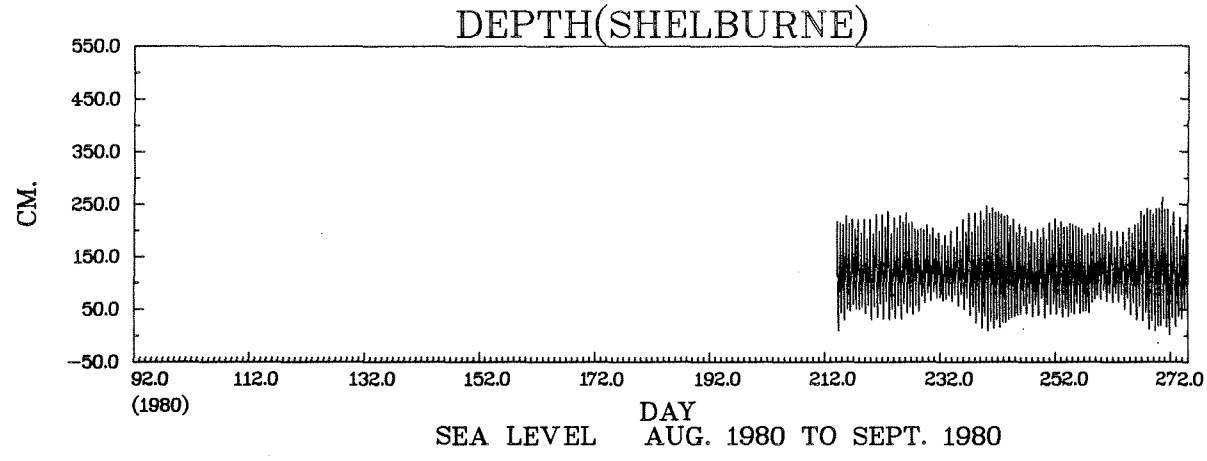
SEA LEVEL OCT. 1981 TO MAR. 1982



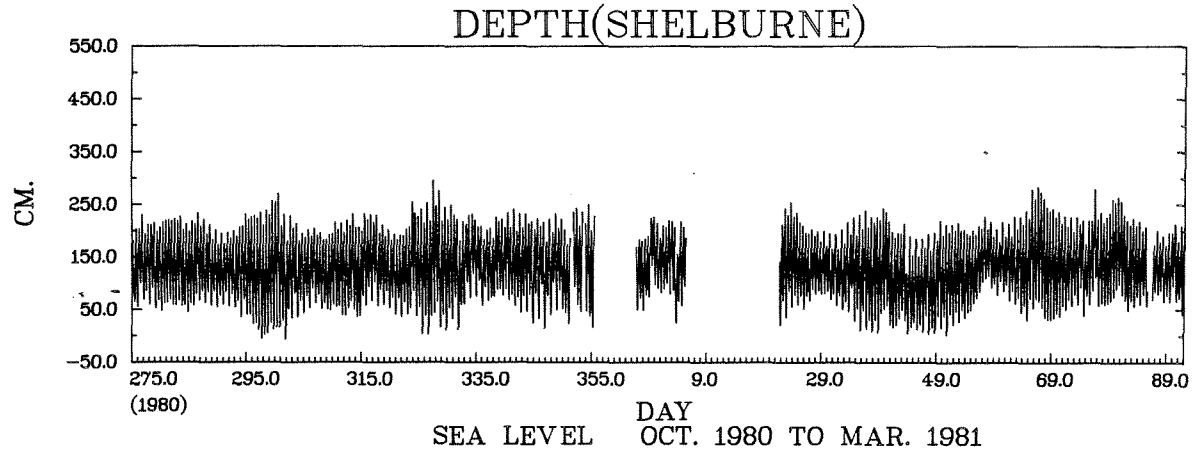
SEA LEVEL APR. 1982 TO SEPT. 1982



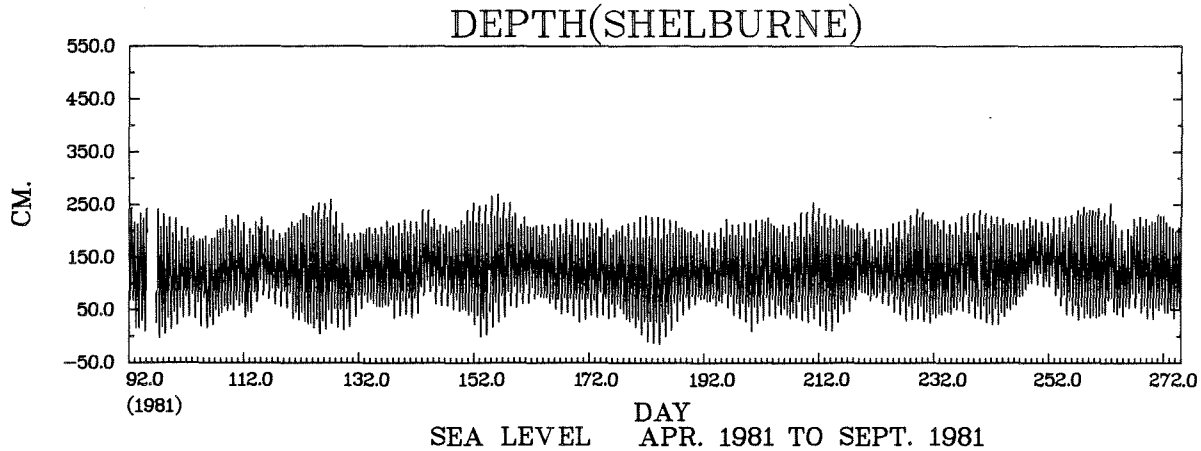
SEA LEVEL OCT. 1982 TO MAR. 1983



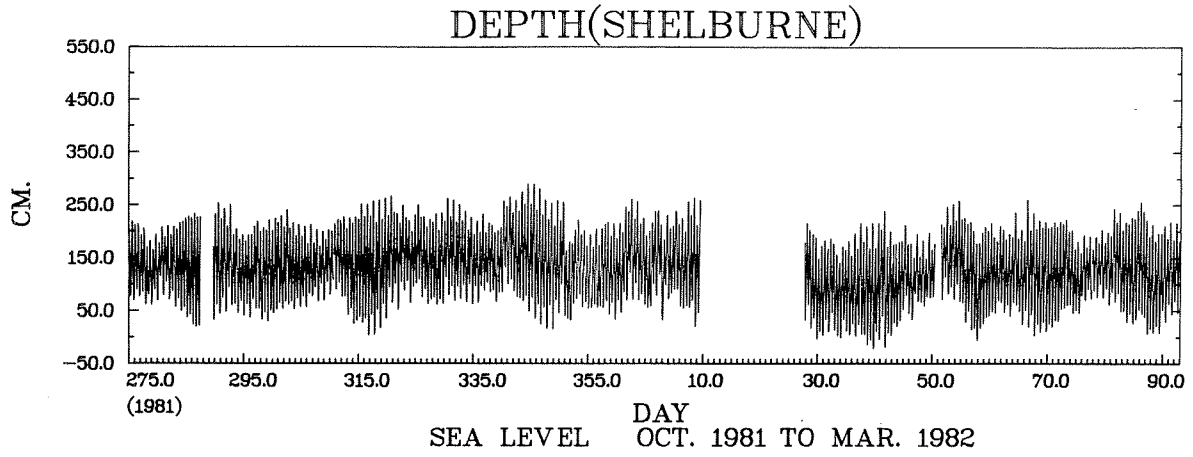
SEA LEVEL AUG. 1980 TO SEPT. 1980



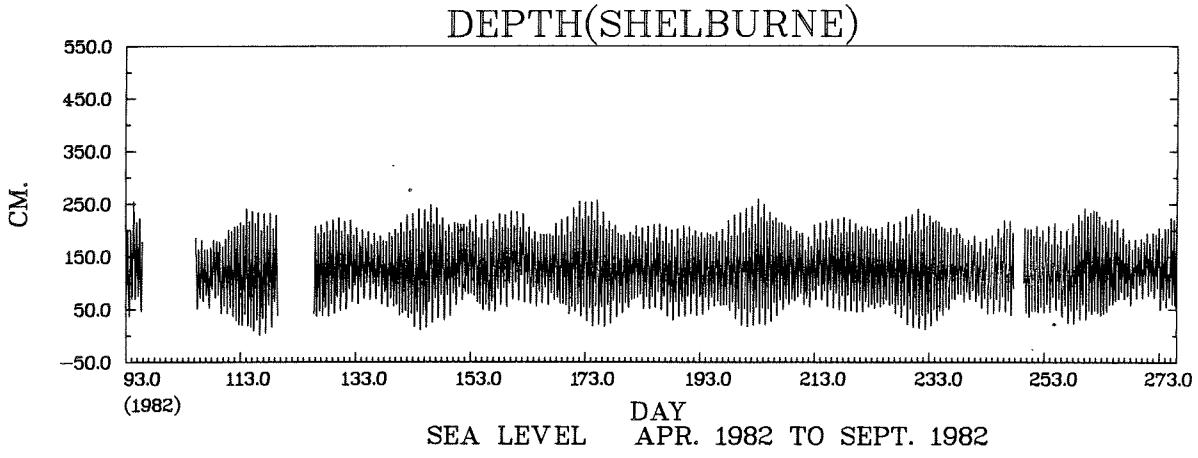
SEA LEVEL OCT. 1980 TO MAR. 1981



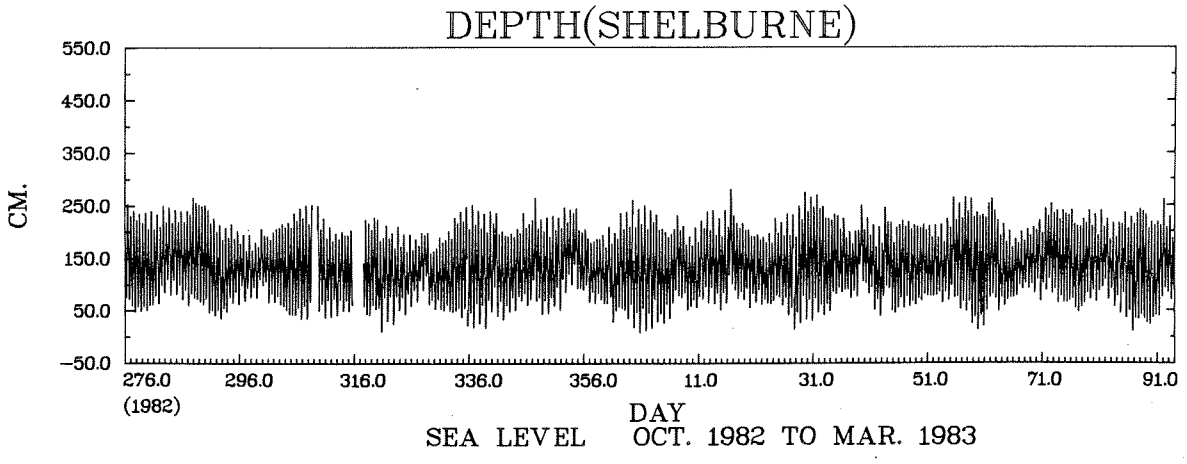
SEA LEVEL APR. 1981 TO SEPT. 1981



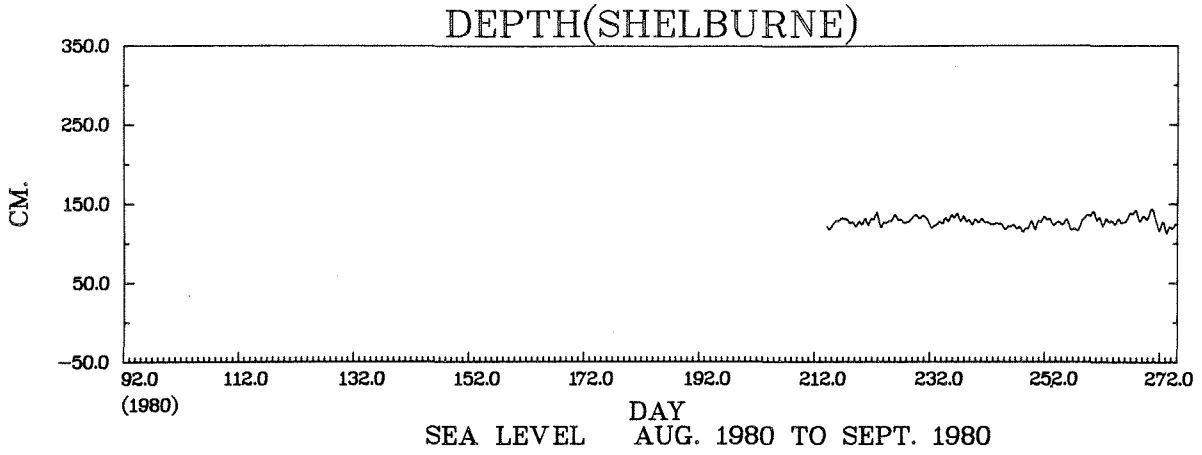
SEA LEVEL OCT. 1981 TO MAR. 1982



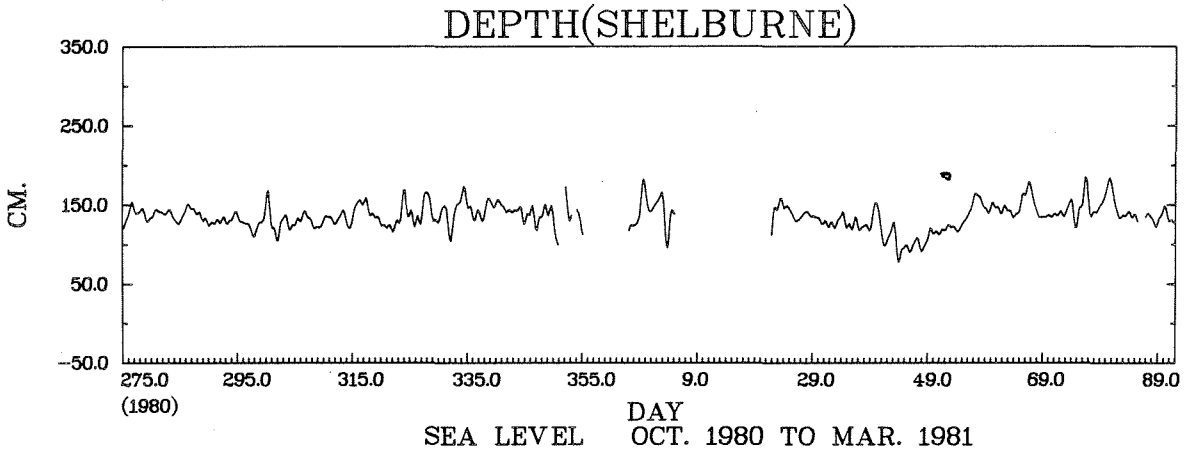
SEA LEVEL APR. 1982 TO SEPT. 1982



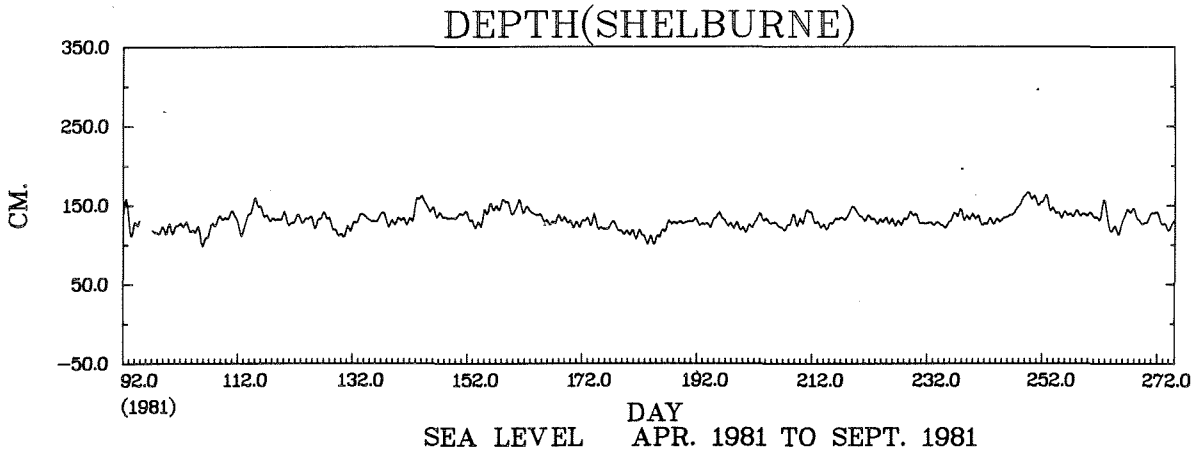
SEA LEVEL OCT. 1982 TO MAR. 1983



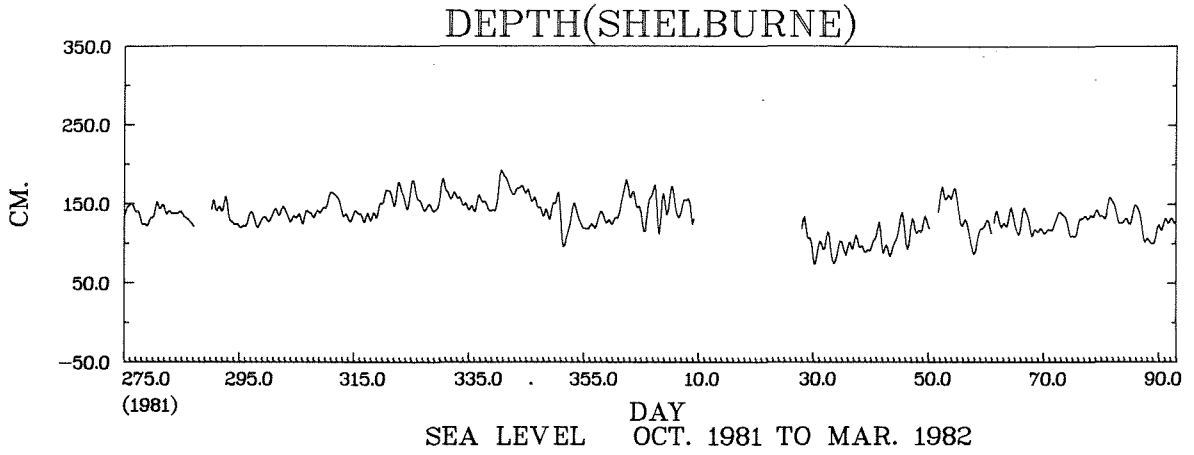
SEA LEVEL AUG. 1980 TO SEPT. 1980



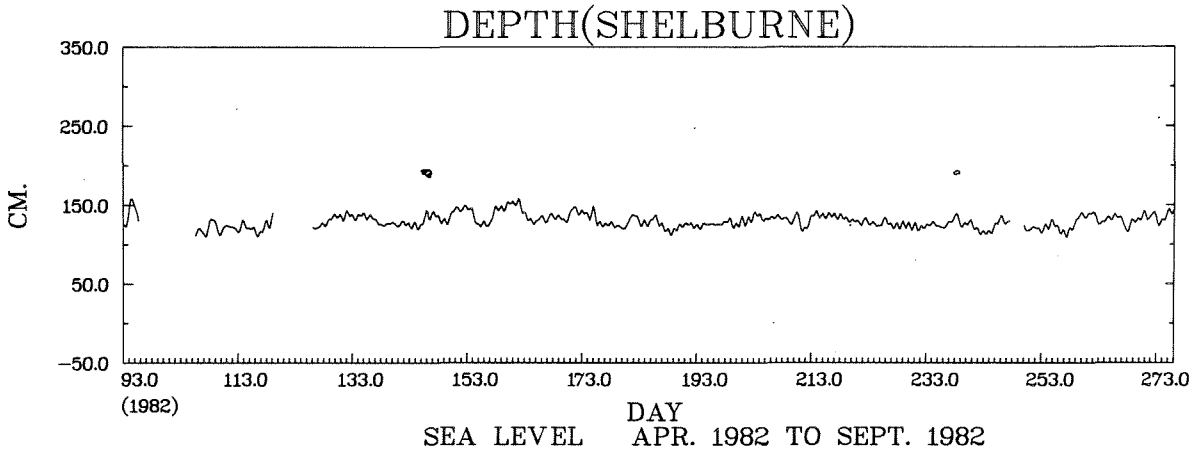
SEA LEVEL OCT. 1980 TO MAR. 1981



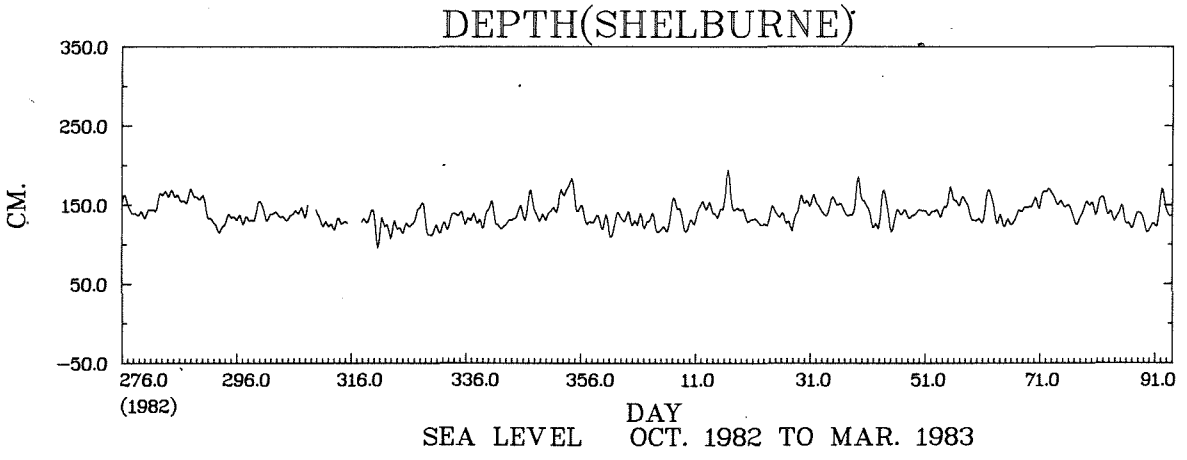
SEA LEVEL APR. 1981 TO SEPT. 1981



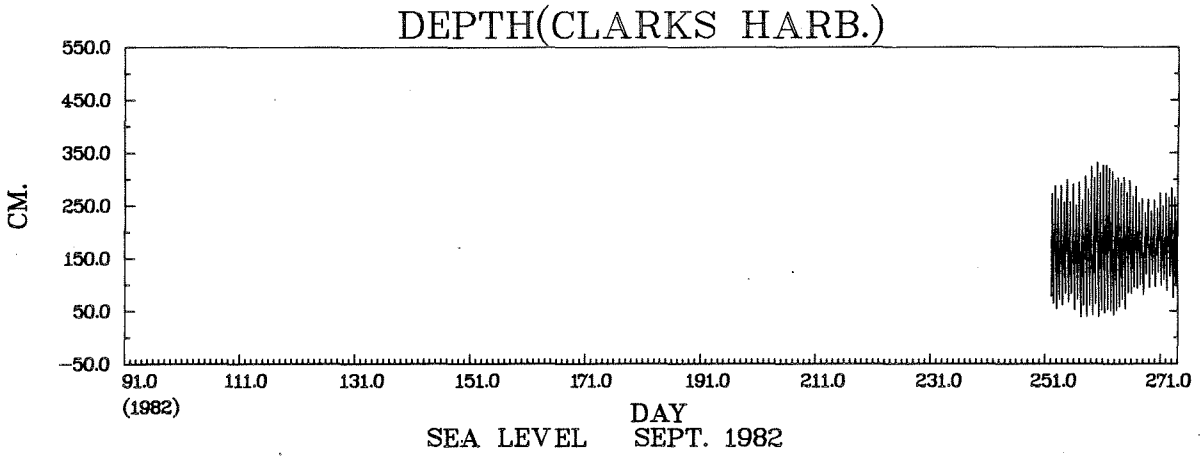
SEA LEVEL OCT. 1981 TO MAR. 1982



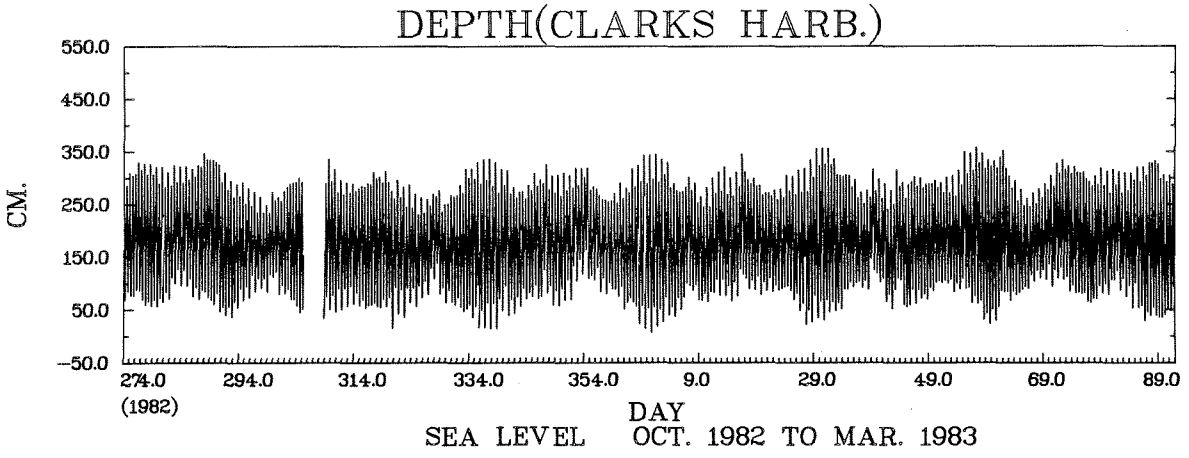
SEA LEVEL APR. 1982 TO SEPT. 1982



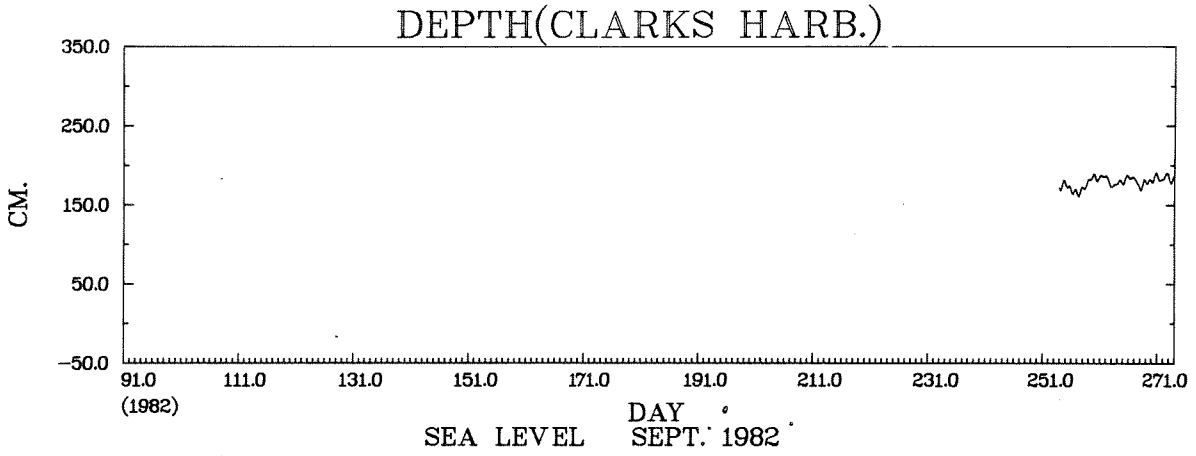
SEA LEVEL OCT. 1982 TO MAR. 1983



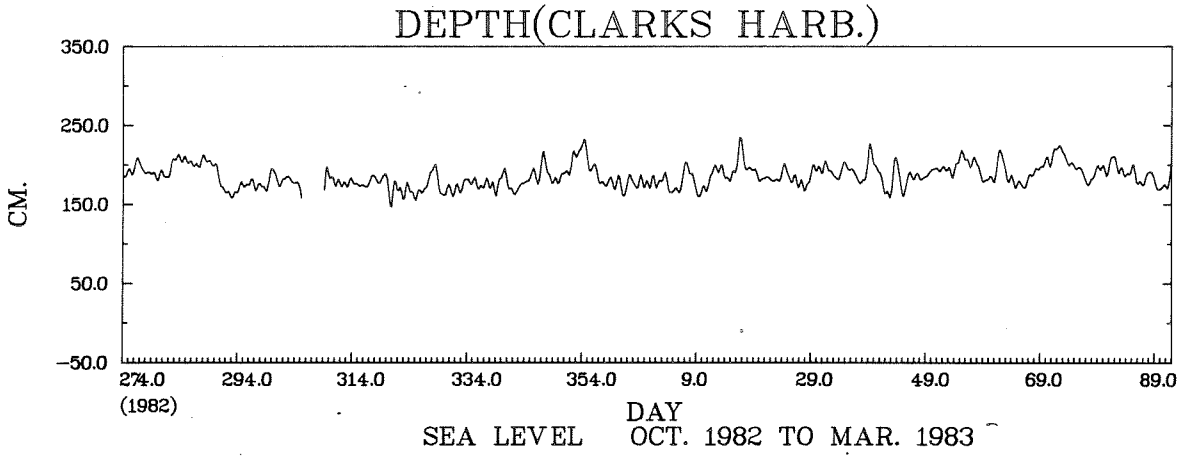
SEA LEVEL SEPT. 1982



SEA LEVEL OCT. 1982 TO MAR. 1983



SEA LEVEL SEPT. 1982



SEA LEVEL OCT. 1982 TO MAR. 1983

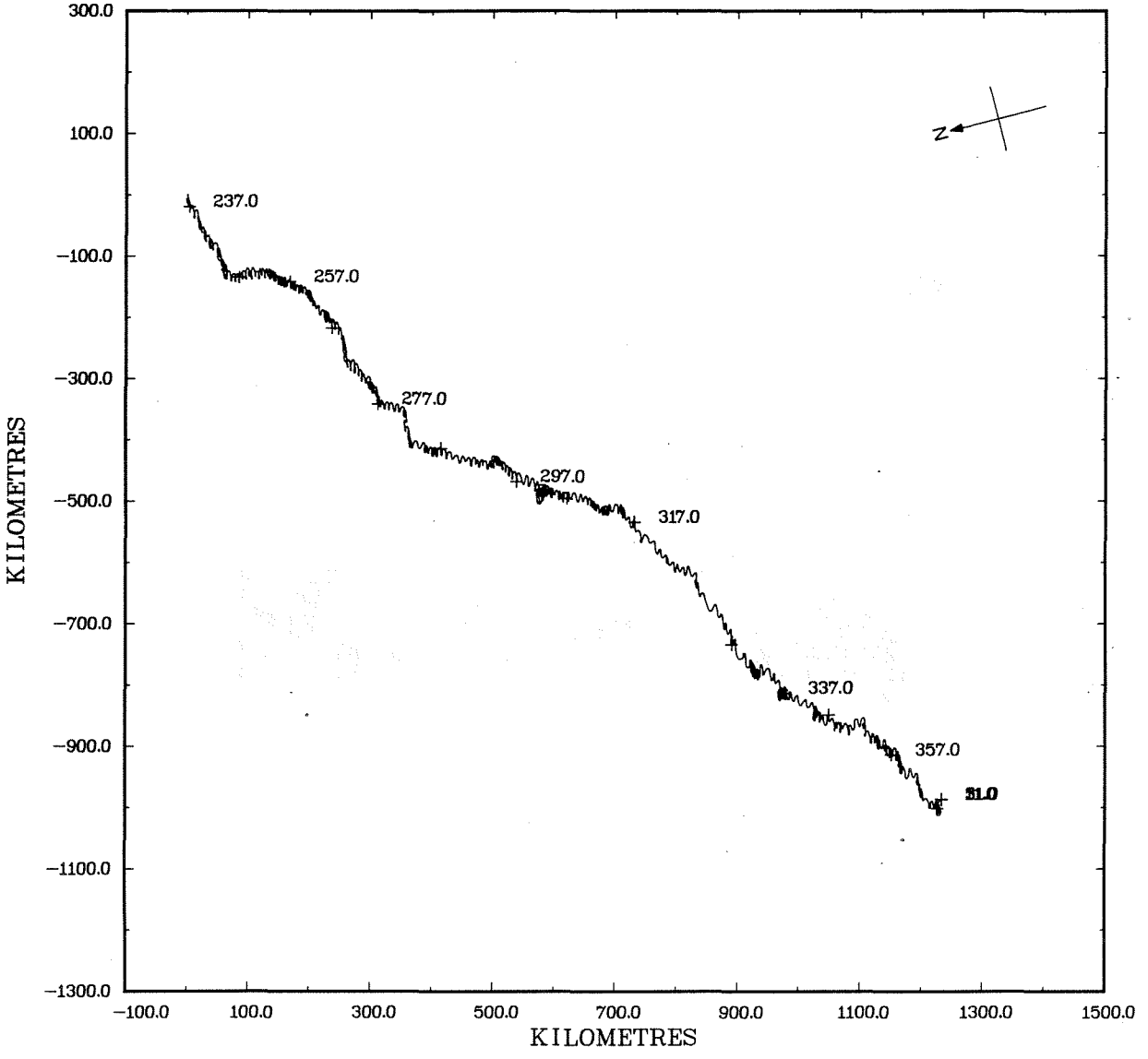
TABLE 10

MOORING SUMMARY, CRUISE 80-022

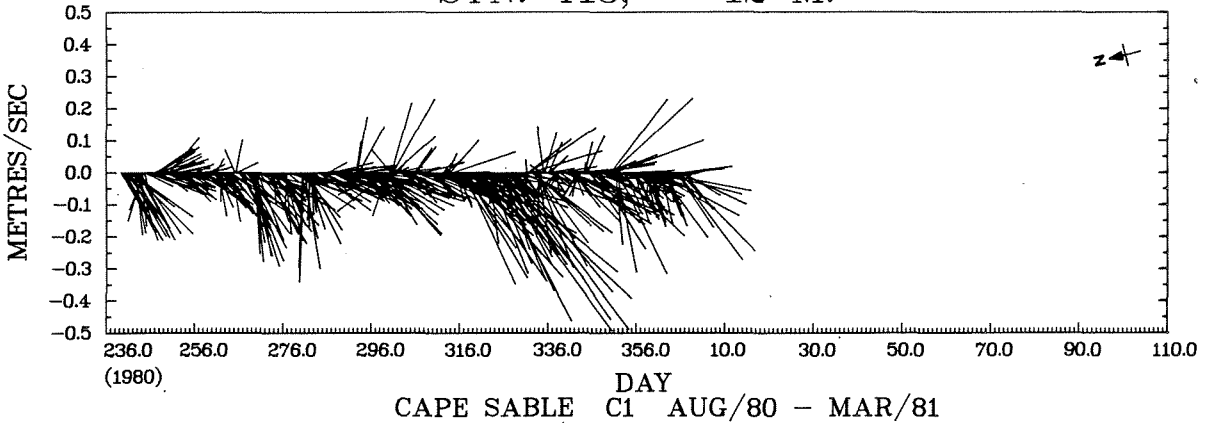
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C1(415)	43°12.50'N	65°42.70'W	4343	A	12	57	Rate in question after day 288, 1980, stopped after day 4, 1981, because of rotor sticking.
			3392	A	26	56	
			3569	A	36	56	
			3581	A	46	56	
			4299	A	51	56	
			4342	A	53	56	
C2(416)	43°02.65'N	65°45.35'W	4355	A	13	108	Wire corroded causing fairey float to break free and the instrument to lay on the bottom. The vane was broken in half. Happened on day 300, 1980.
			4344	A	44	104	Instrument had a faulty encoder motor causing the battery to go dead. Record probably not of much use.
			4345	A	84	104	
			4346	A	94	104	
			4351	A	99	104	Rotor broken when deployed.
			4353	A	101	104	
			199	TG	106	106	Vibration of mooring caused crystal to break.

A = AANDERAA CURRENT METER
TG = AANDERAA TIDE GAUGE

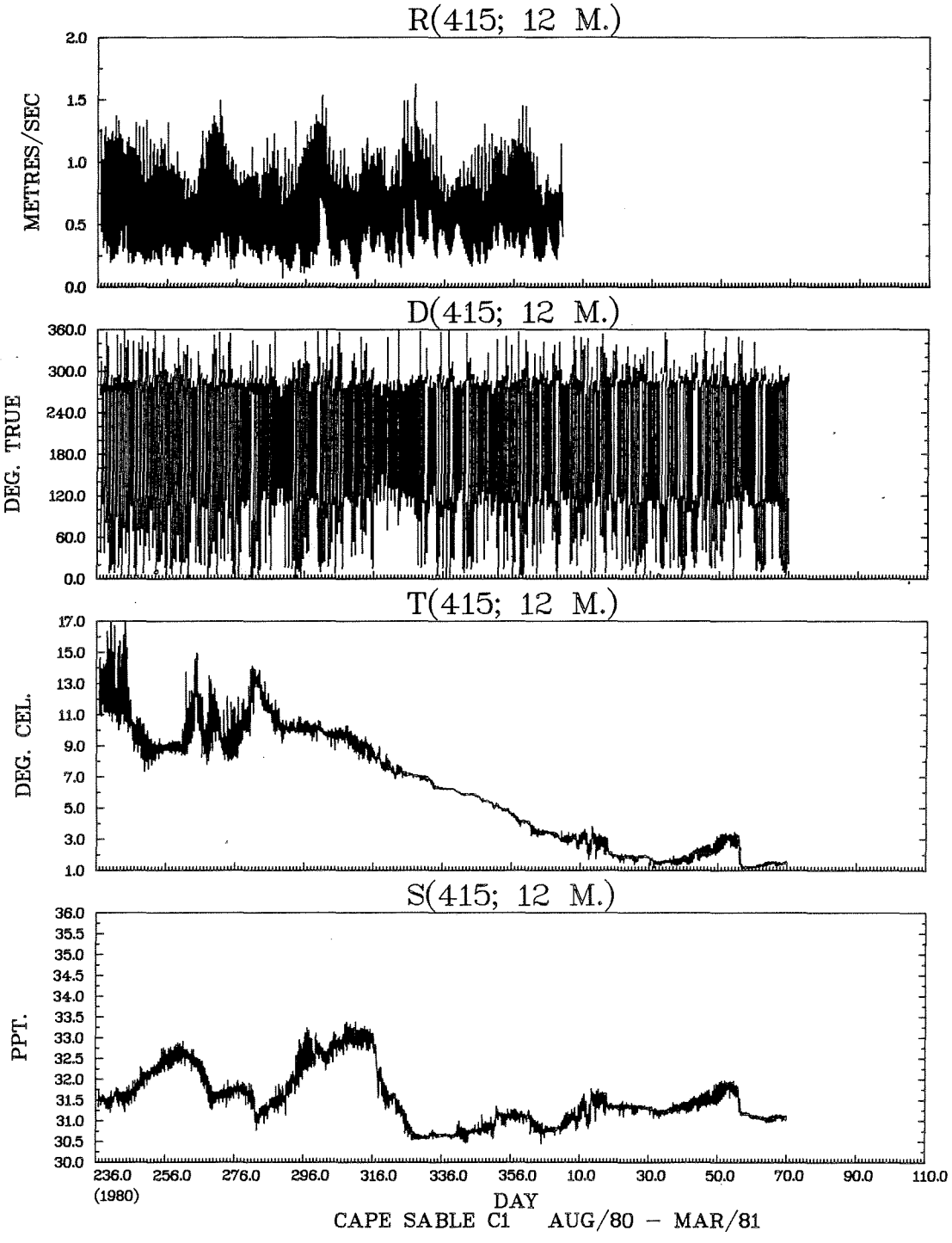
STN. 415, 12 M.

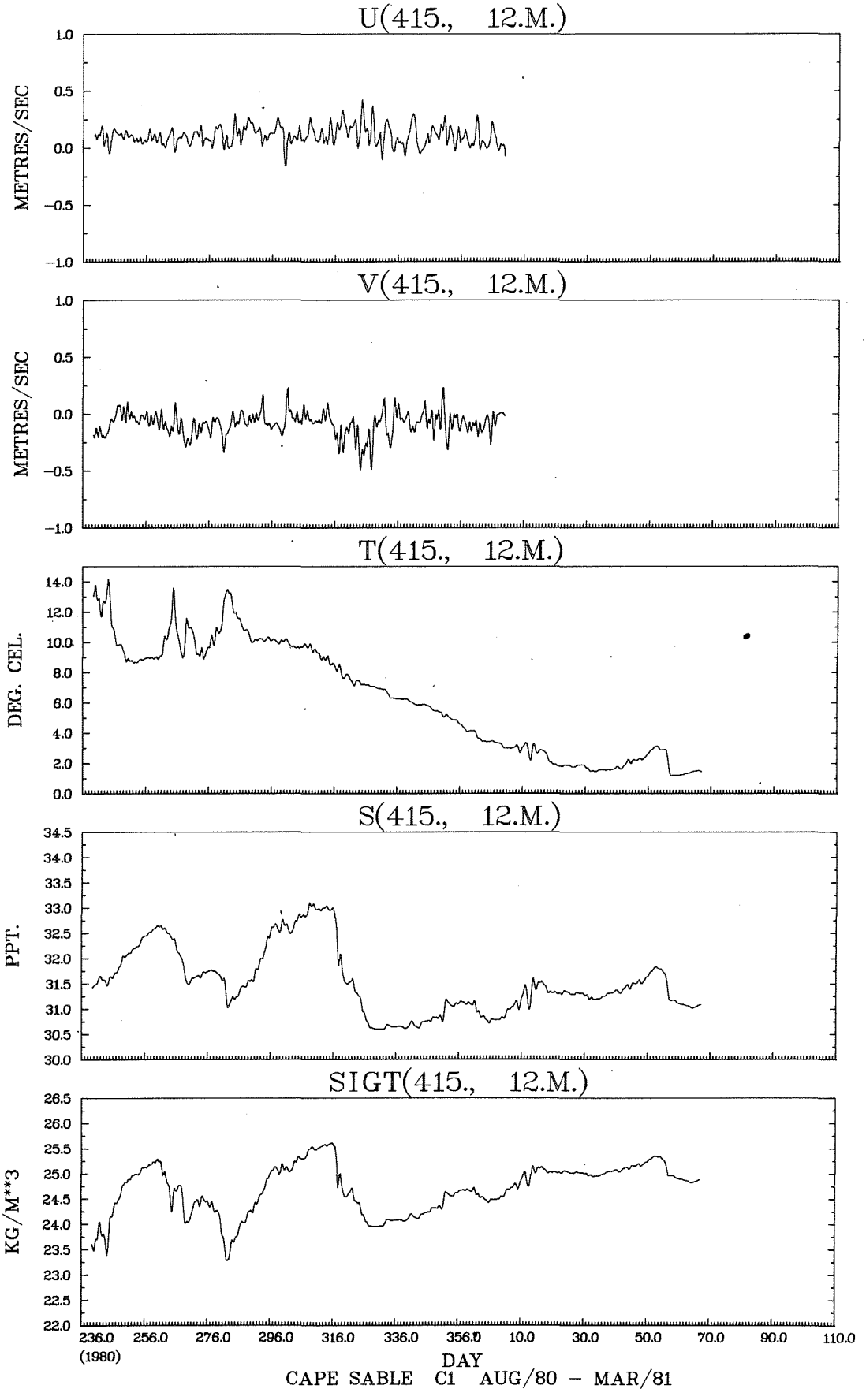


STN. 415, 12 M.



CAPE SABLE C1 AUG/80 - MAR/81


R(415; 12 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(415; 12 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(415; 12 M.)
DEG. CEL.
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
S(415; 12 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81


U(415., 12.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(415., 12.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(415., 12.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(415., 12.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(415., 12.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
(1980)
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
DAY
CAPE SABLE C1 AUG/80 − MAR/81

JOINT DISTRIBUTION (PERCENT)

D(415., 12.M.) VS R(415., 12.M.)

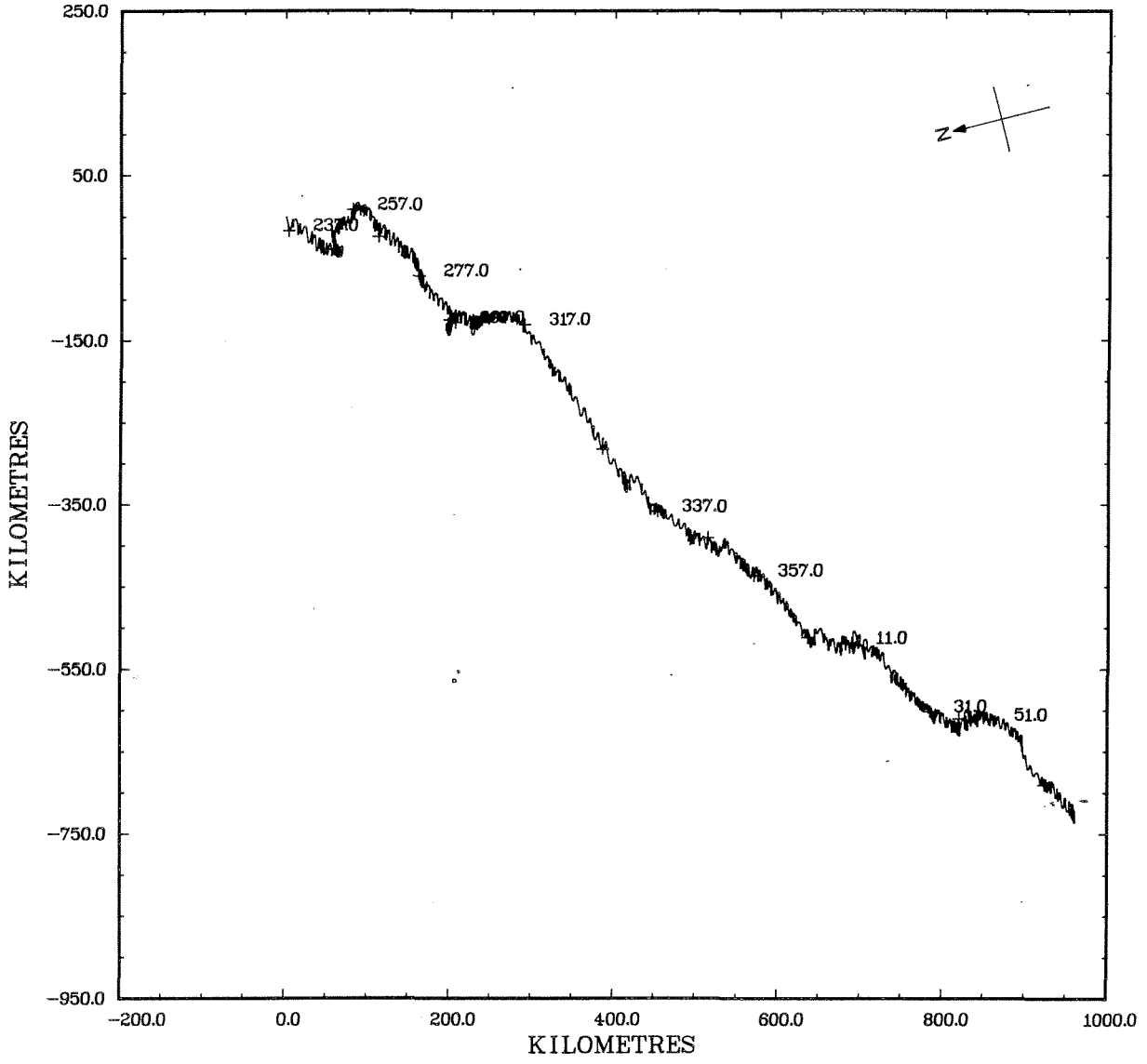
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	4	*				.1					.0	.0		
1.40 TO	1.50	9	*				.1					.0	.2		
1.30 TO	1.40	26	*				.2					.1	.5		
1.20 TO	1.30	53	*			.0	.4	.0				.2	1.0		
1.10 TO	1.20	138	*			.1	1.6	.2				.1	2.3	.0	
1.00 TO	1.10	187	*			.0	2.1	.5				.3	3.0		
.90 TO	1.00	254	*	.0		.1	2.5	.7	.0			.7	3.9	.0	
.80 TO	.90	360	*			.3	2.9	.9	.0			1.3	5.7	.0	
.70 TO	.80	387	*			.2	3.2	1.7	.2	.0	.1	1.6	5.1	.1	
.60 TO	.70	412	*	.1	.0	.4	2.9	2.2	.2	.1	.2	2.0	4.5	.2	.0
.50 TO	.60	391	*	.1	.1	.6	2.6	1.9	.7	.3	.9	1.5	3.0	.5	.1
.40 TO	.50	402	*	.2	.2	.6	1.9	1.5	1.4	1.2	1.2	1.4	1.9	.6	.3
.30 TO	.40	342	*	.7	.5	.7	.8	.7	1.2	2.0	1.3	.8	1.0	.5	.3
.20 TO	.30	197	*	1.4	.3	.2	.2	.3	.5	1.5	.4	.1	.3	.2	.7
.10 TO	.20	38	*	.4	.2	.0				.3	.1	.0	.0	.1	.1
-.00 TO	.10	3	*		.0					.0	.0				
OUT OF RANGE		1	0									1			
SUB TOTAL		3204	0	91	47	105	687	340	137	179	136	320	1040	73	49

JOINT DISTRIBUTION (PERCENT)

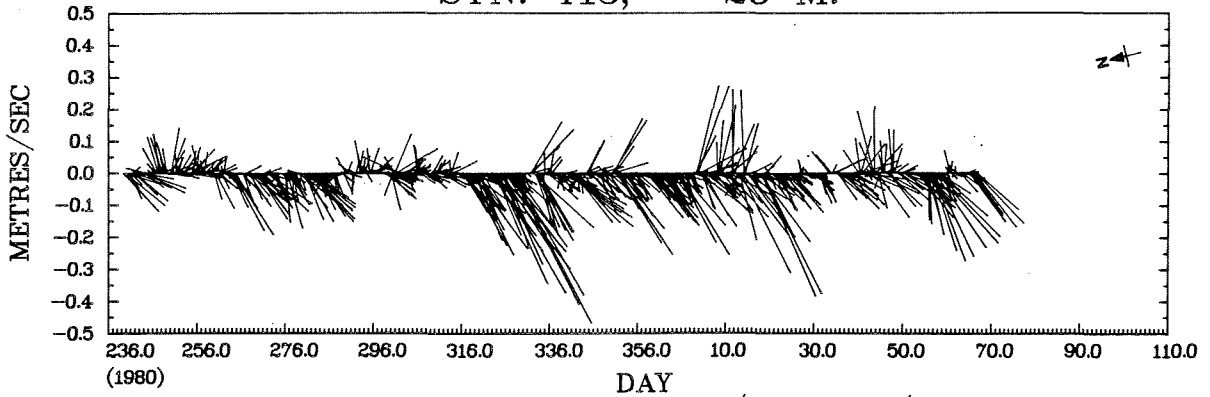
T(415., 12.M.) VS S(415., 12.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	114	*					.5	1.9				
32.50 TO	33.00	503	*					3.4	6.7	.4	.0		
32.00 TO	32.50	412	*					3.1	4.6	.5	.3		
31.50 TO	32.00	1020	*		3.7	2.8	.1	3.1	7.9	2.9	.8	.1	
31.00 TO	31.50	1784	*		22.6	6.0	.8	1.8	1.0	3.1	1.3	.5	.1
30.50 TO	31.00	939	*		1.7	4.8	10.4	2.4			.2		
30.00 TO	30.50	6	*			.0	.1						
OUT OF RANGE		0	0										
SUB TOTAL		4778	0		1340	653	549	690	1057	332	128	26	3

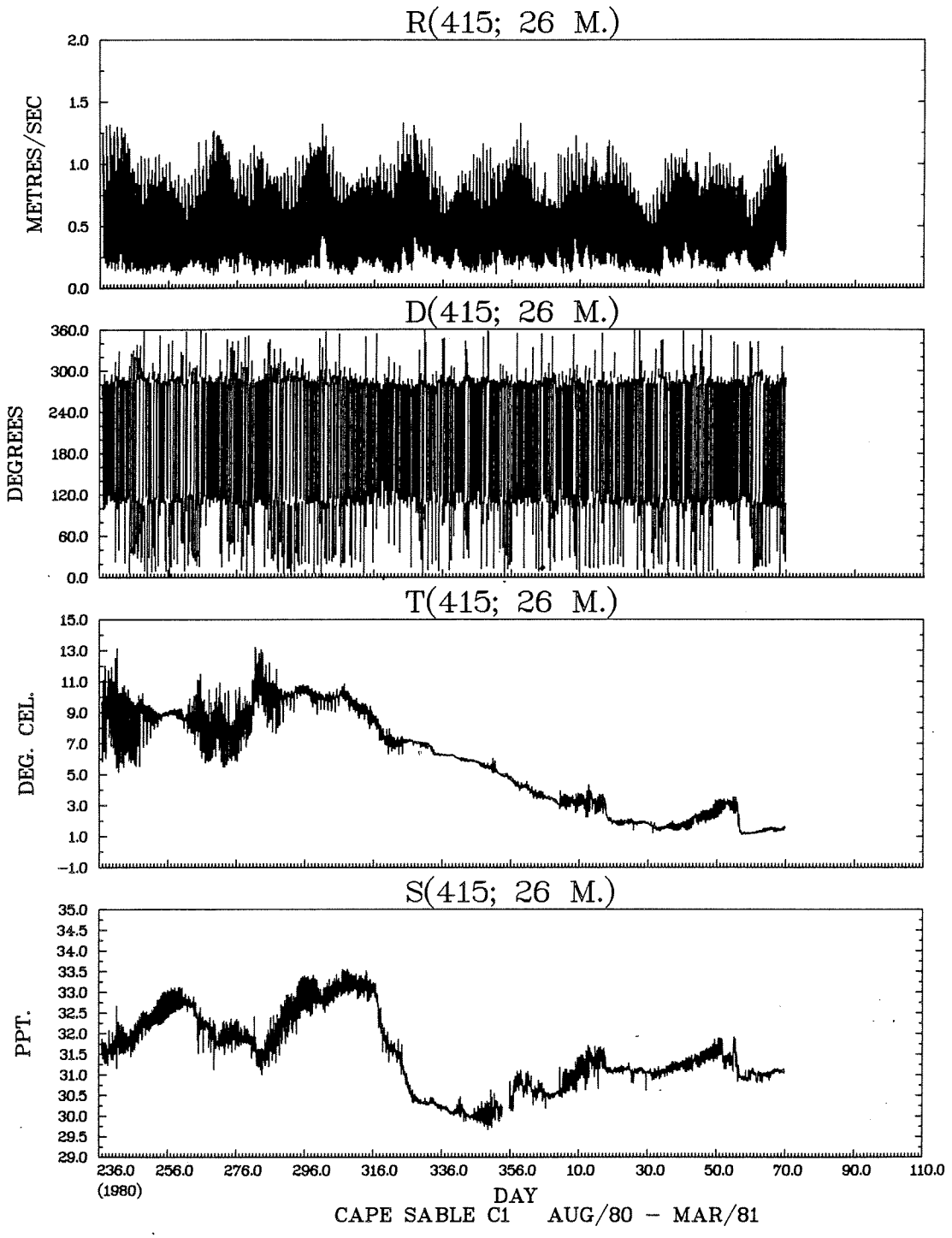
STN. 415, 26 M.

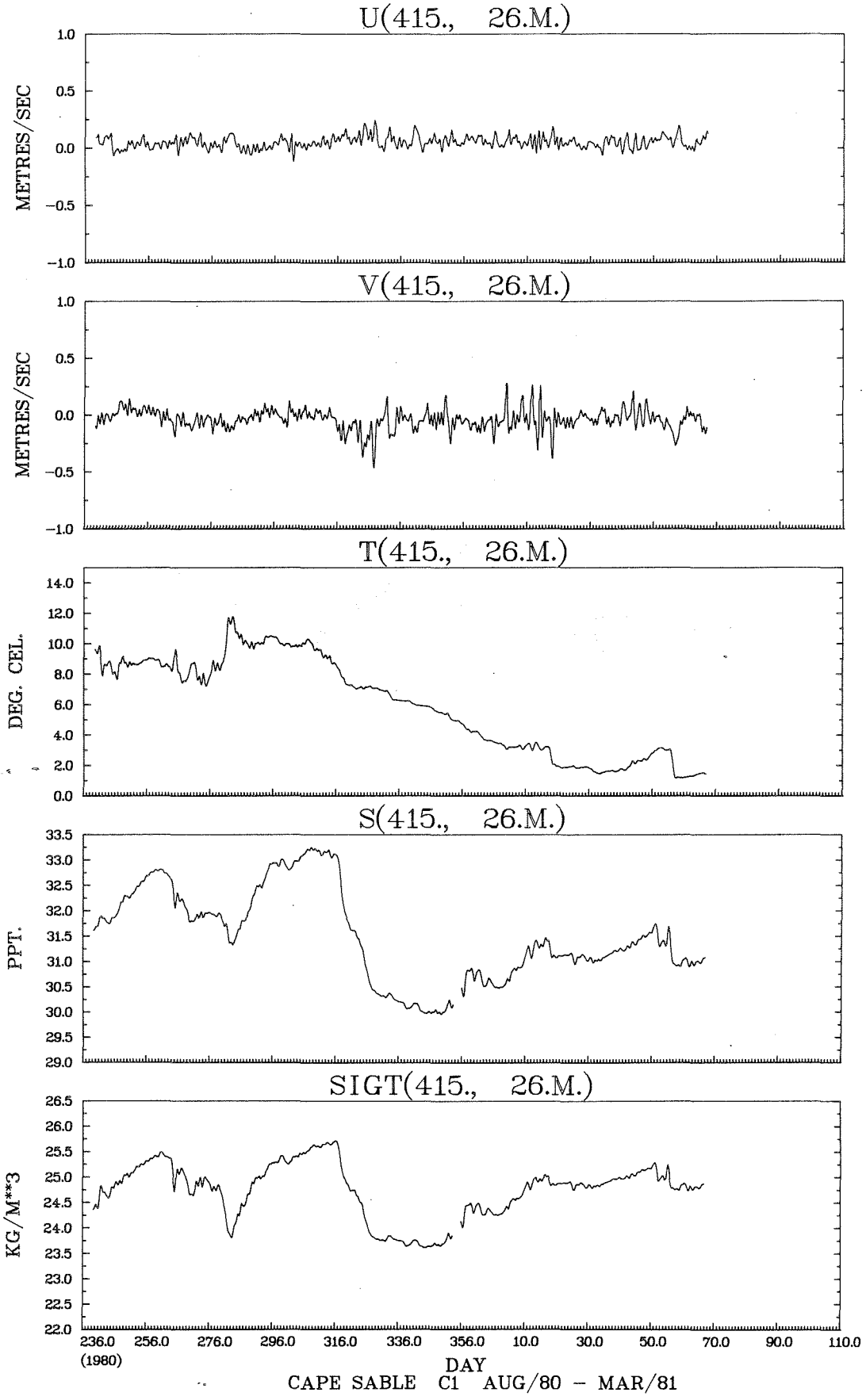


STN. 415, 26 M.



CAPE SABLE C1 AUG/80 − MAR/81


R(415; 26 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(415; 26 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(415; 26 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(415; 26 M.)
PPT.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81


U(415., 26.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(415., 26.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(415., 26.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(415., 26.M.)
PPT.
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
SIGT(415., 26.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81

JOINT DISTRIBUTION (PERCENT)

D(415., 26.M.) VS R(415., 26.M.)

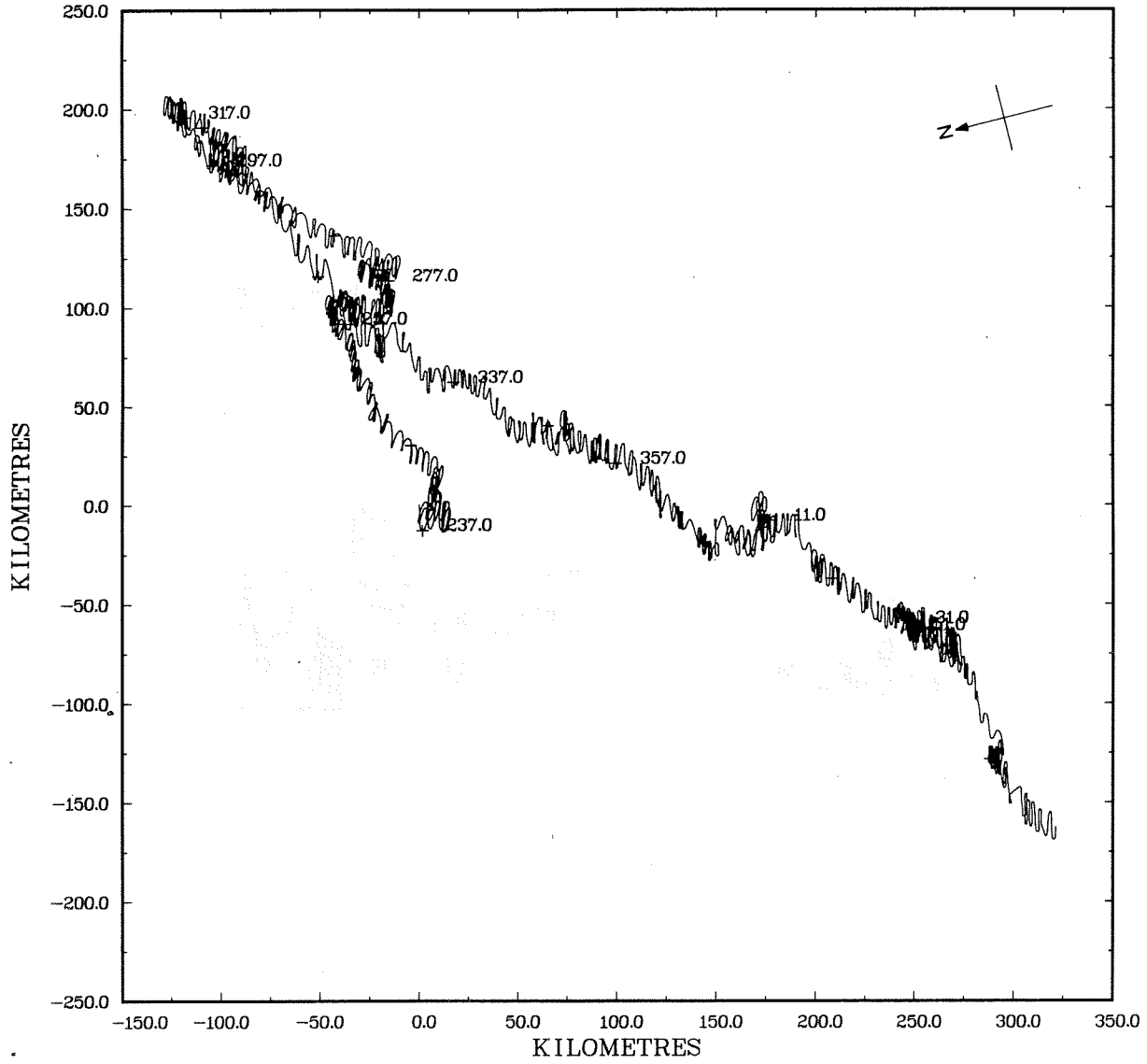
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	10	*				.0						.2		
1.20 TO	1.30	23	*				.3						.2		
1.10 TO	1.20	63	*				.3						1.0		
1.00 TO	1.10	186	*				1.7					.0	2.2		
.90 TO	1.00	302	*				2.9	.0				.1	3.3		
.80 TO	.90	436	*				4.4	.1				.0	4.6		
.70 TO	.80	533	*			.1	4.3	.3				.1	6.4		
.60 TO	.70	589	*			.0	5.4	.6				.3	5.1	.0	
.50 TO	.60	542	*		.0	.1	4.2	1.1			.0	.5	5.1	.3	
.40 TO	.50	524	*	.0	.1	.2	3.7	1.4	.1	.1	.1	.9	4.2	.3	.0
.30 TO	.40	582	*	.2	.1	.4	2.4	2.2	.5	.8	.5	1.3	3.2	.6	.2
.20 TO	.30	596	*	.7	.5	.4	.8	1.1	1.6	2.5	1.7	.9	1.3	.4	.5
.10 TO	.20	391	*	1.8	.5	.1	.1	.1	.4	3.6	.7	.2	.1	.1	.4
-.00 TO	.10	1	*	.0											
OUT OF RANGE		0	0												
SUB TOTAL		4778	0	130	61	62	1455	328	123	329	141	202	1811	82	54

JOINT DISTRIBUTION (PERCENT)

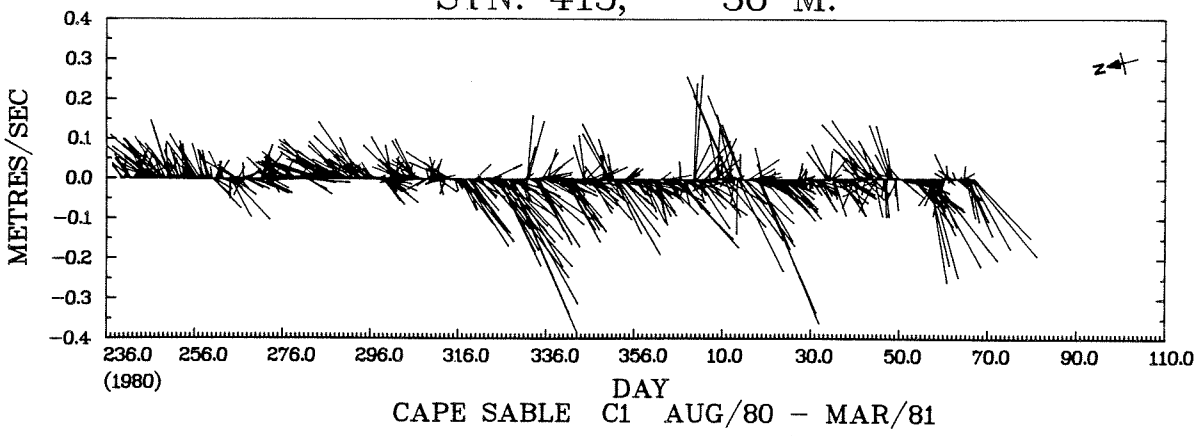
T(415., 26.M.) VS S(415., 26.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	6	*						.1				
33.00 TO	33.50	356	*					1.1	6.3				
32.50 TO	33.00	492	*				.0	4.5	5.7	.0			
32.00 TO	32.50	481	*				2.4	4.1	3.5	.0			
31.50 TO	32.00	793	*		1.4	1.7	1.2	5.2	6.5	.4	.1		
31.00 TO	31.50	1266	*		19.4	4.1	.1	1.3	.6	1.0	.0		
30.50 TO	31.00	617	*		5.1	6.7	.1	1.0					
30.00 TO	30.50	597	*		.1	2.2	8.9	1.4					
OUT OF RANGE		170	0			41	129						
SUB TOTAL		4778	0		1240	741	734	895	1090	73	5		

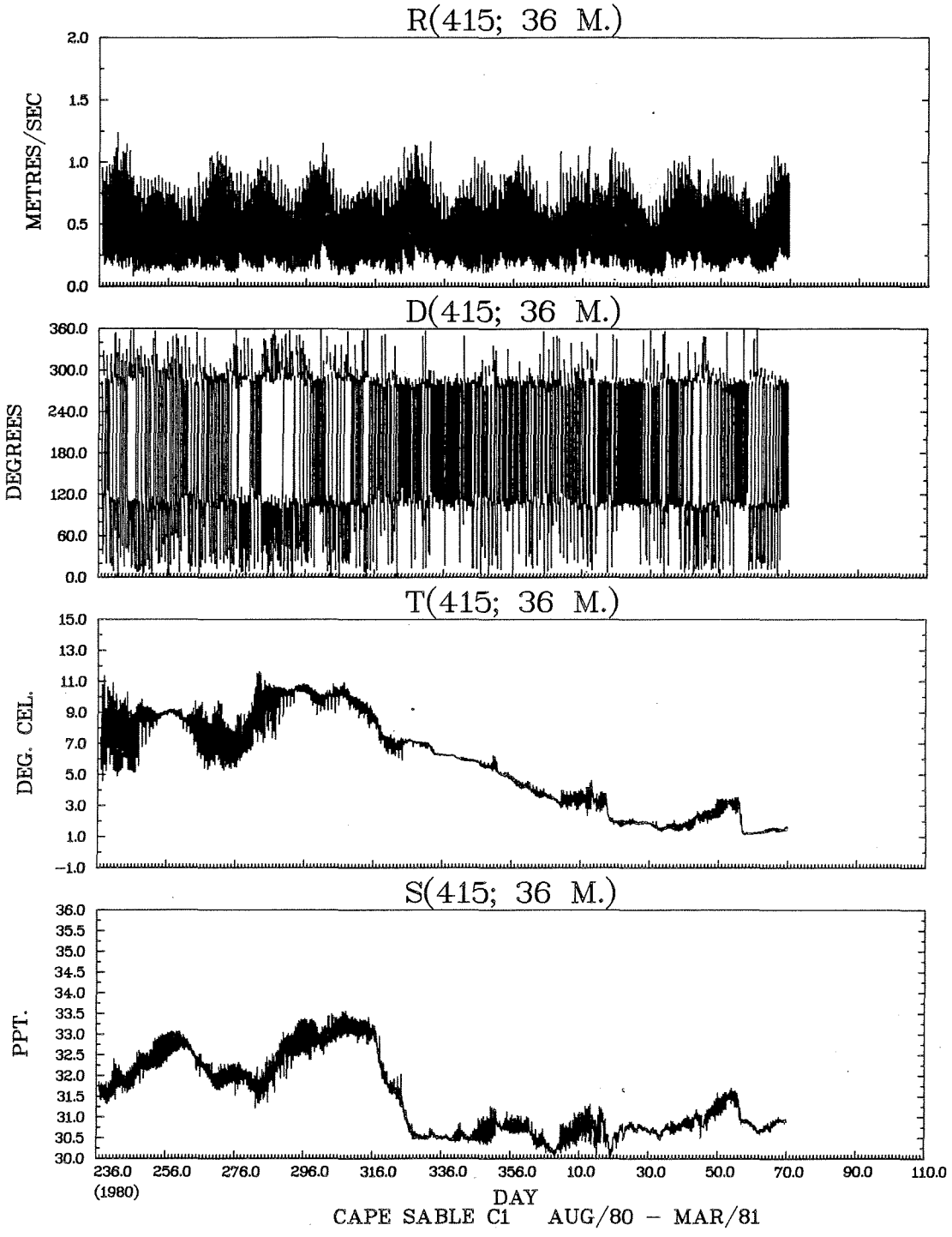
STN. 415, 36 M.

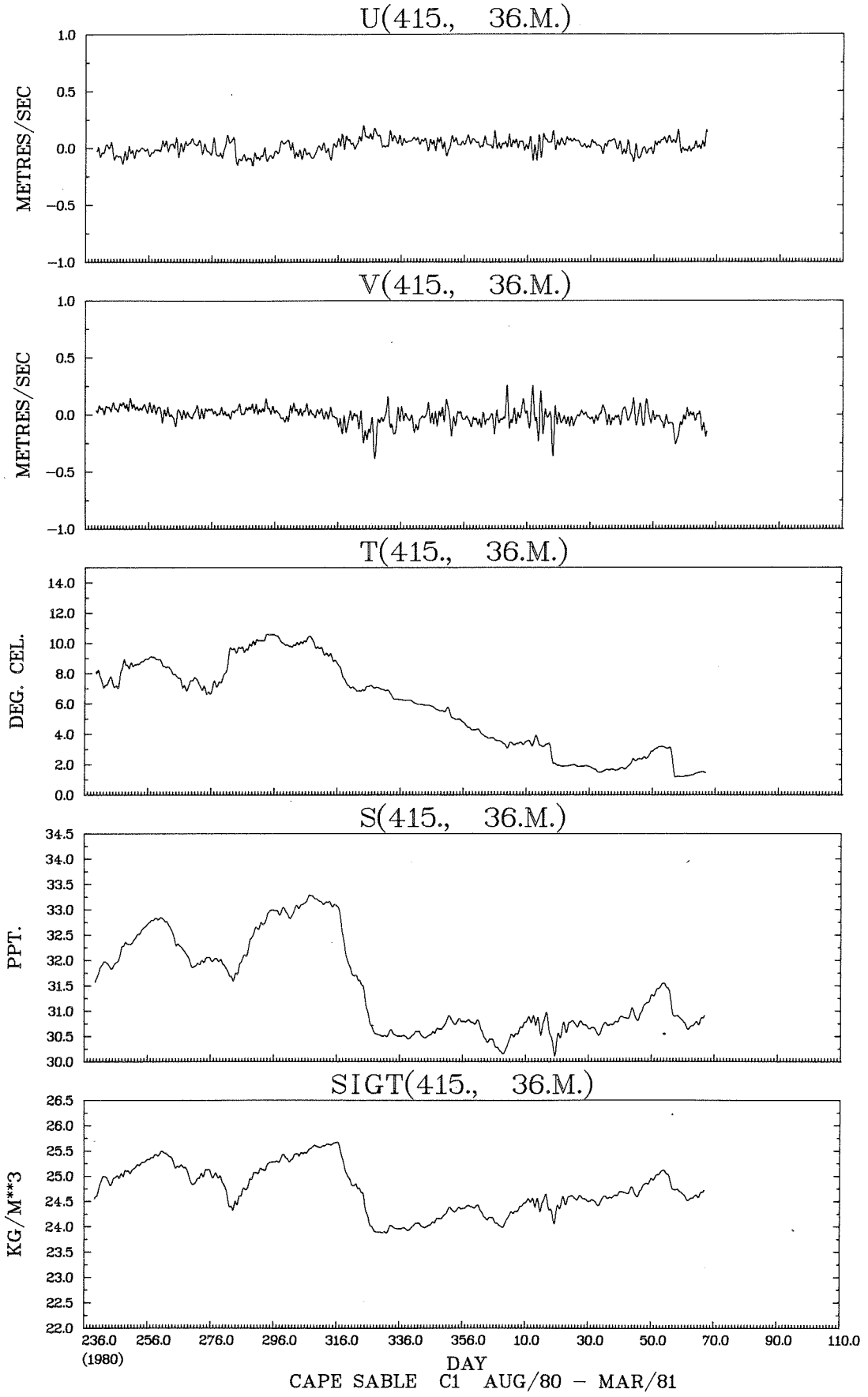


STN. 415, 36 M.



CAPE SABLE C1 AUG/80 – MAR/81


R(415; 36 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(415; 36 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(415; 36 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(415; 36 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81


U(415., 36.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(415., 36.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(415., 36.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(415., 36.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(415., 36.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 − MAR/81

JOINT DISTRIBUTION (PERCENT)

D(415., 36.M.) VS R(415., 36.M.)

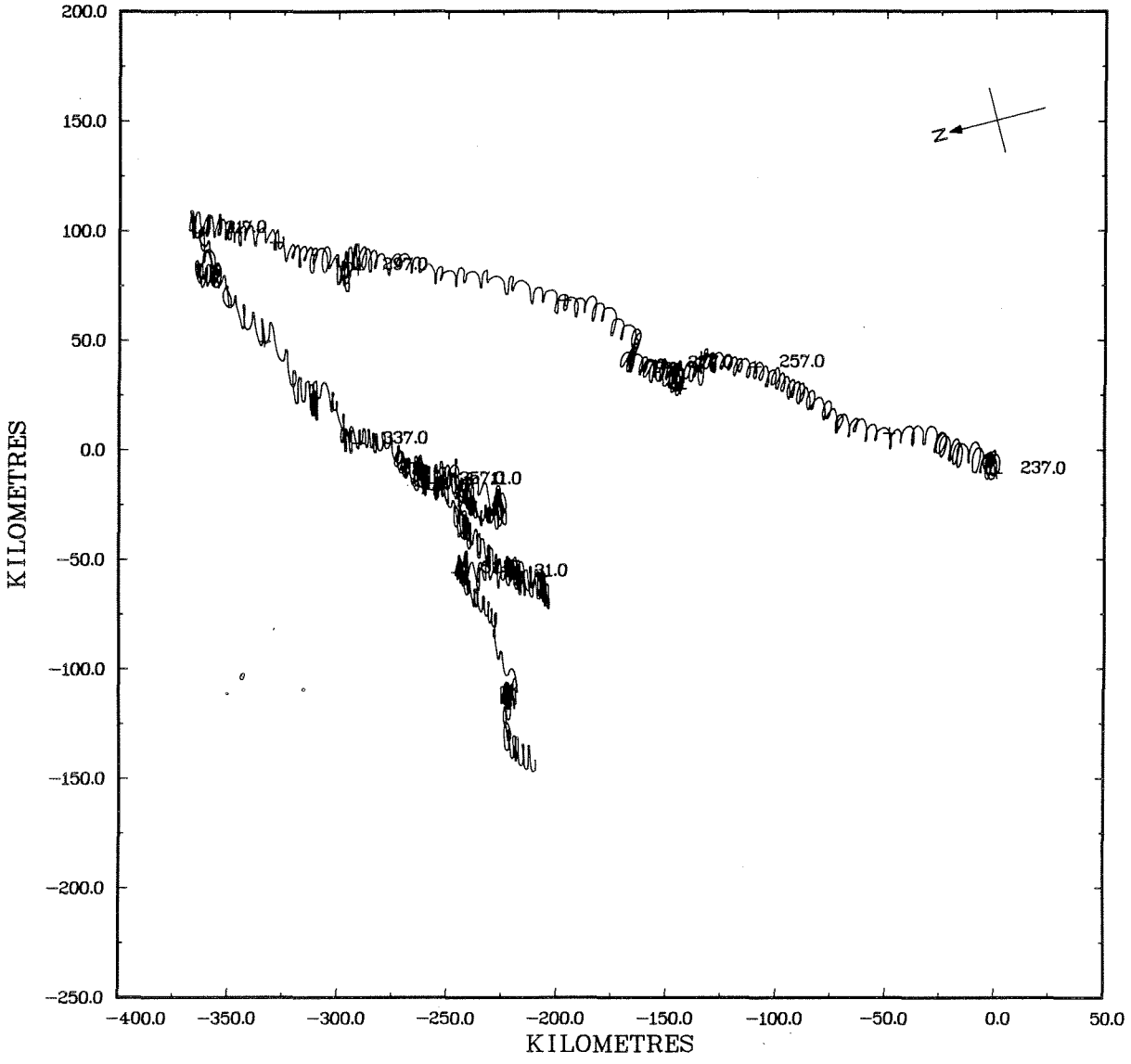
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	1	*				.0								
1.10 TO	1.20	12	*				.1						.1		
1.00 TO	1.10	50	*				.6	.0				.0	.4		
.90 TO	1.00	175	*				1.8	.1				.1	1.7		
.80 TO	.90	337	*			.0	3.4	.1	.0			.1	3.4		
.70 TO	.80	538	*			.0	5.3	.3				.1	5.5	.1	
.60 TO	.70	642	*			.1	5.9	.4	.0			.3	6.5	.2	
.50 TO	.60	622	*			.2	4.9	.7				.3	6.0	.9	
.40 TO	.50	614	*		.0	.4	4.7	1.3	.0		.0	.6	4.6	1.2	.0
.30 TO	.40	592	*	.1	.2	.6	3.1	1.4	.1	.1	.3	1.3	3.6	1.2	.2
.20 TO	.30	693	*	1.2	.8	.8	1.3	1.7	1.4	1.5	1.3	1.2	1.7	.9	.9
.10 TO	.20	495	*	2.8	.7	.3	.1	.1	.7	3.8	.9	.1	.2	.1	.6
-.00 TO	.10	7	*	.1						.0					.0
OUT OF RANGE		0	0												
SUB TOTAL		4778	0	199	84	116	1497	294	110	261	116	186	1613	218	84

JOINT DISTRIBUTION (PERCENT)

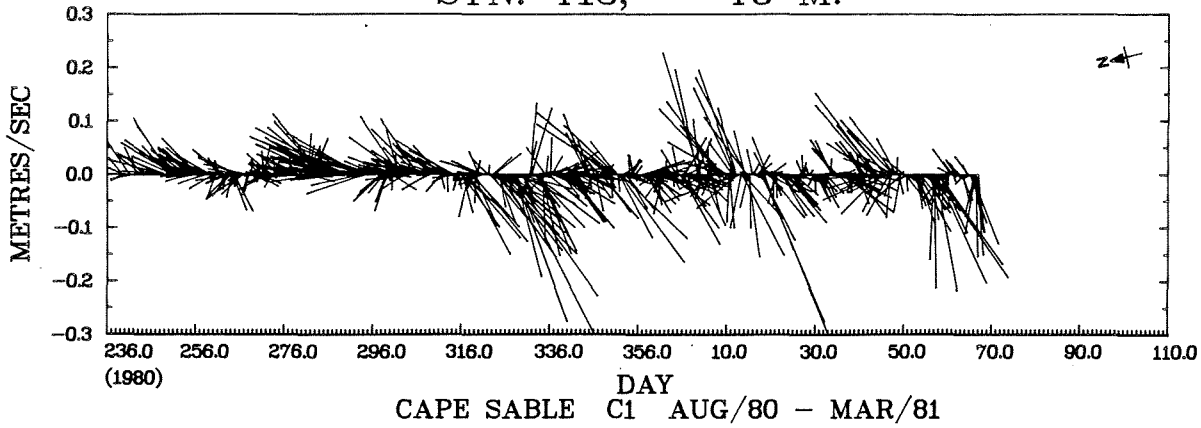
T(415., 36.M.) VS S(415., 36.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	7	*						.1				
33.00 TO	33.50	388	*					1.1	7.0				
32.50 TO	33.00	527	*				.1	5.0	5.9				
32.00 TO	32.50	570	*			.1	4.7	4.2	3.0				
31.50 TO	32.00	601	*		.0	1.1	2.4	6.0	3.0				
31.00 TO	31.50	383	*		3.1	2.4	.7	1.0	.5	.2			
30.50 TO	31.00	1790	*		19.5	8.5	7.4	2.0					
30.00 TO	30.50	512	*		2.?	4.2	4.1	.2					
OUT OF RANGE		0	0										
SUB TOTAL		4778	0		1193	781	925	931	937	11			

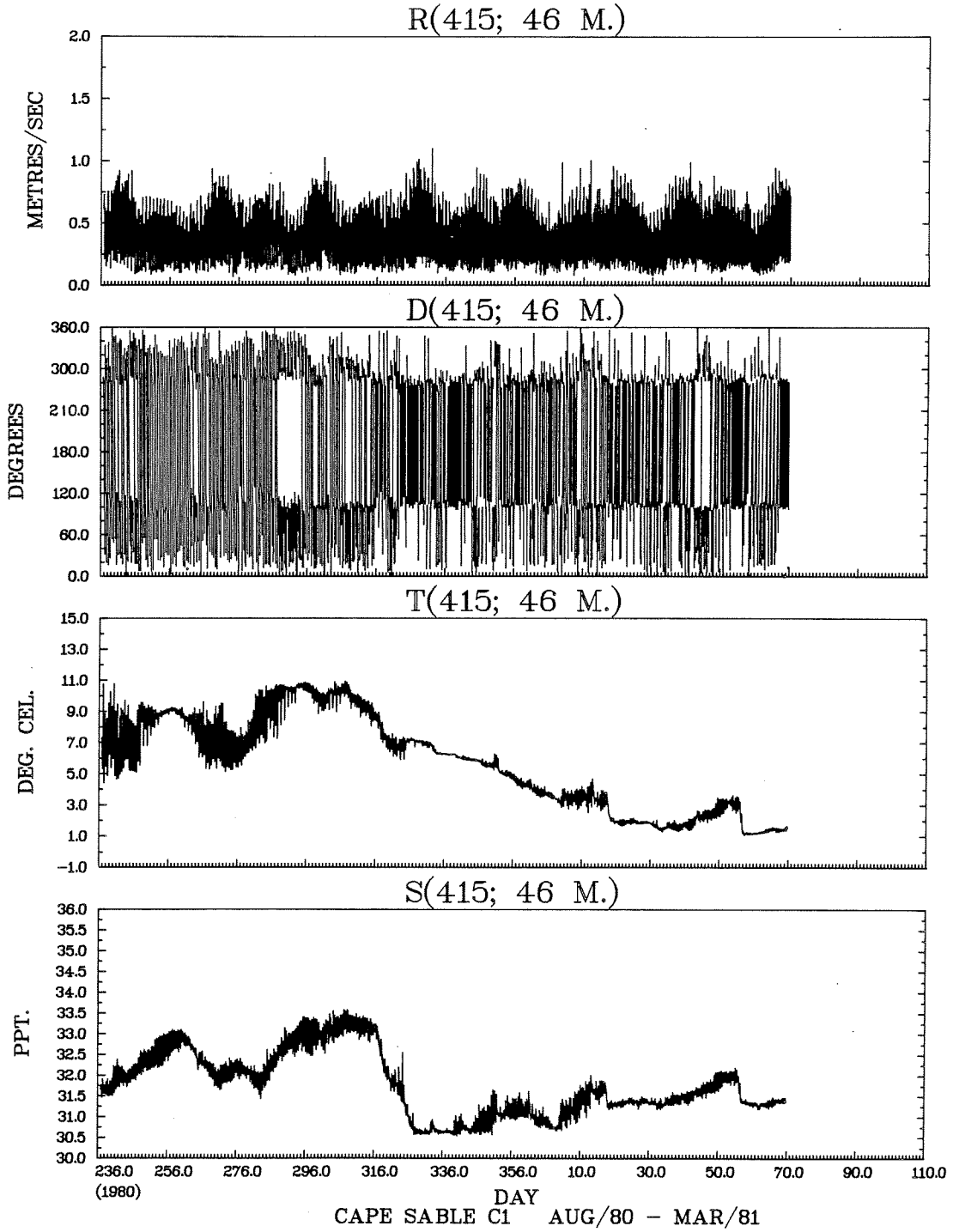
STN. 415, 46 M.

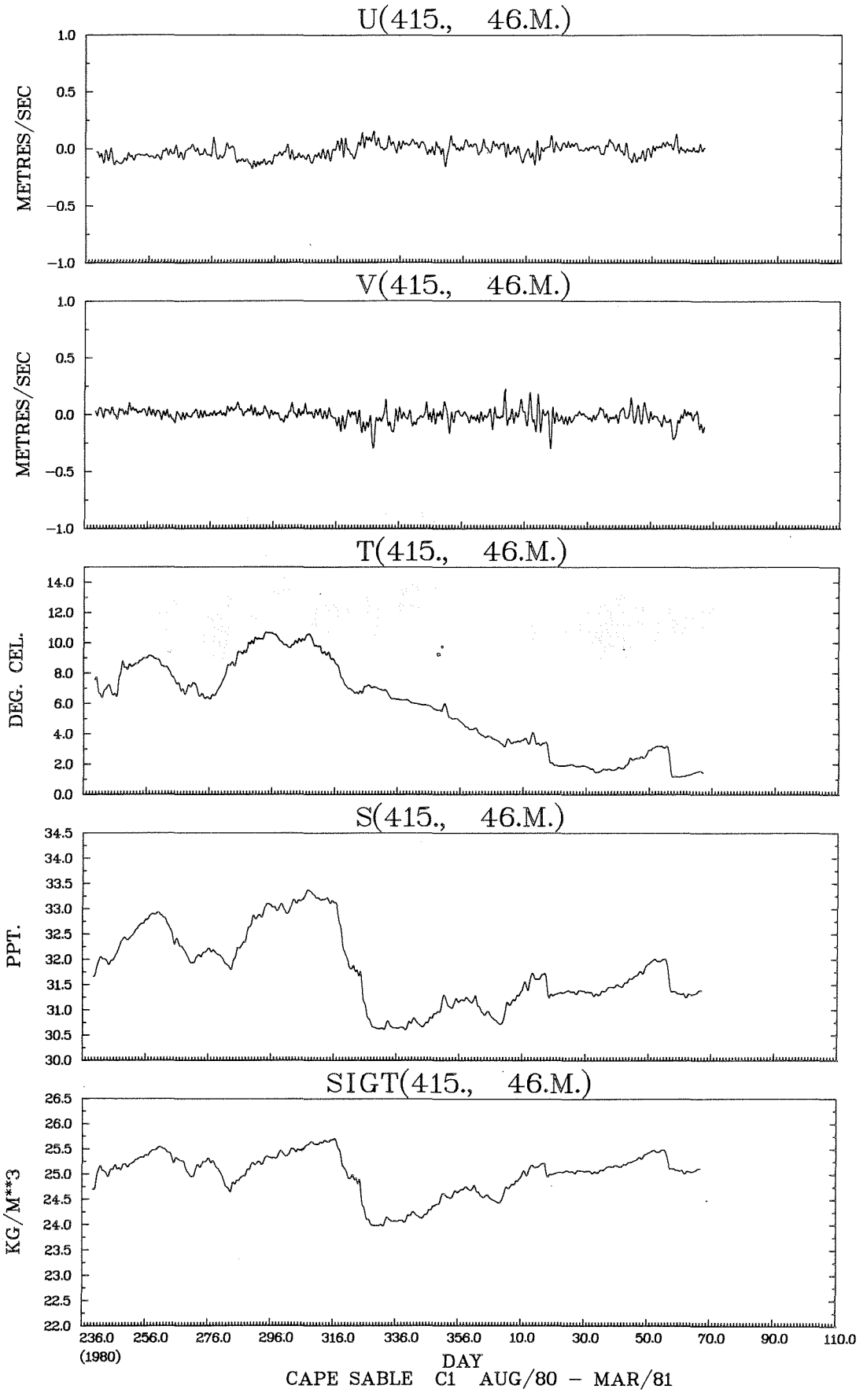


STN. 415, 46 M.



CAPE SABLE C1 AUG/80 – MAR/81


R(415; 46 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(415; 46 M.)
DEGREES
360.0
300.0
210.0
180.0
120.0
60.0
0.0
T(415; 46 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(415; 46 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81


U(415., 46.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(415., 46.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(415., 46.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(415., 46.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(415., 46.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
(1980)
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
DAY
CAPE SABLE C1 AUG/80 − MAR/81

JOINT DISTRIBUTION (PERCENT)

D(415., 46.M.) VS R(415., 46.M.)

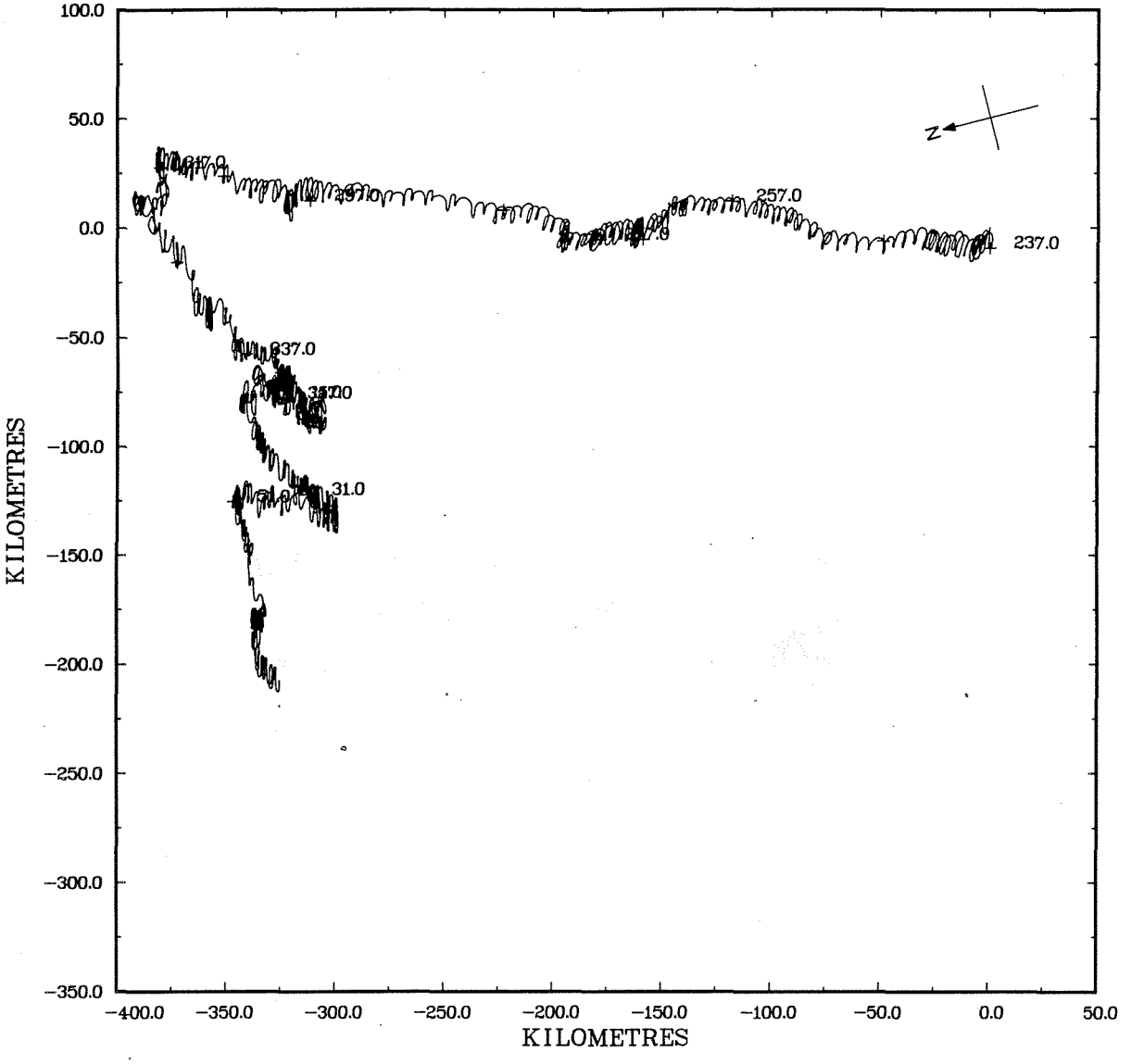
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10	4	*				.1						.0		
.90 TO	1.00	27	*				.3					.0	.2		
.80 TO	.90	105	*				1.2	.0				.1	.9		
.70 TO	.80	336	*			.0	3.5	.1				.2	3.2		
.60 TO	.70	597	*			.2	5.7	.3				.1	5.9	.3	
.50 TO	.60	803	*			.5	6.7	.4	.0			.4	7.3	1.5	.0
.40 TO	.50	841	*	.0	.1	.7	6.8	.9	.0			.5	6.0	2.1	.6
.30 TO	.40	712	*	.4	.4	1.1	3.9	1.2	.1	.0	.1	.9	4.0	2.0	.7
.20 TO	.30	678	*	1.0	1.0	1.1	1.8	1.7	.9	.7	.8	1.5	2.3	.7	.8
.10 TO	.20	639	*	3.2	1.1	.3	.3	.2	.9	4.0	1.5	.6	.4	.3	.5
-.00 TO	.10	36	*	.3	.0				.0	.2	.1				.0
OUT OF RANGE		0	0												
SUB TOTAL		4778	0	237	125	190	1440	234	94	239	118	203	1449	322	127

JOINT DISTRIBUTION (PERCENT)

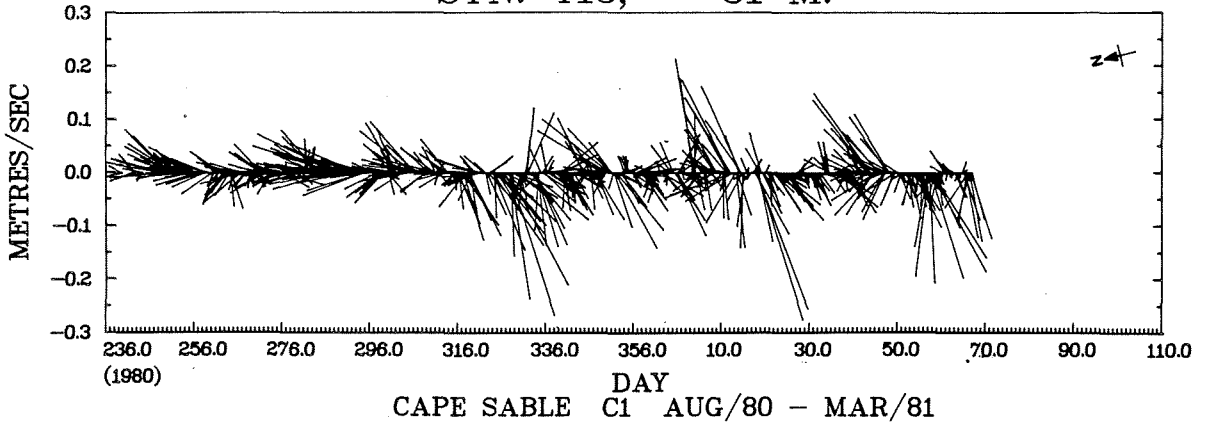
T(415., 46.M.) VS S(415., 46.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	14	*						.3				
33.00 TO	33.50	481	*					1.6	8.5				
32.50 TO	33.00	531	*				.1	5.2	5.8				
32.00 TO	32.50	752	*		.0	1.6	6.9	5.1	2.1				
31.50 TO	32.00	884	*		5.8	4.3	2.6	4.3	1.5				
31.00 TO	31.50	1357	*		18.4	6.7	2.5	.8	.1				
30.50 TO	31.00	759	*		.4	4.2	9.3	2.0					
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4778	0		1175	802	1020	909	872				

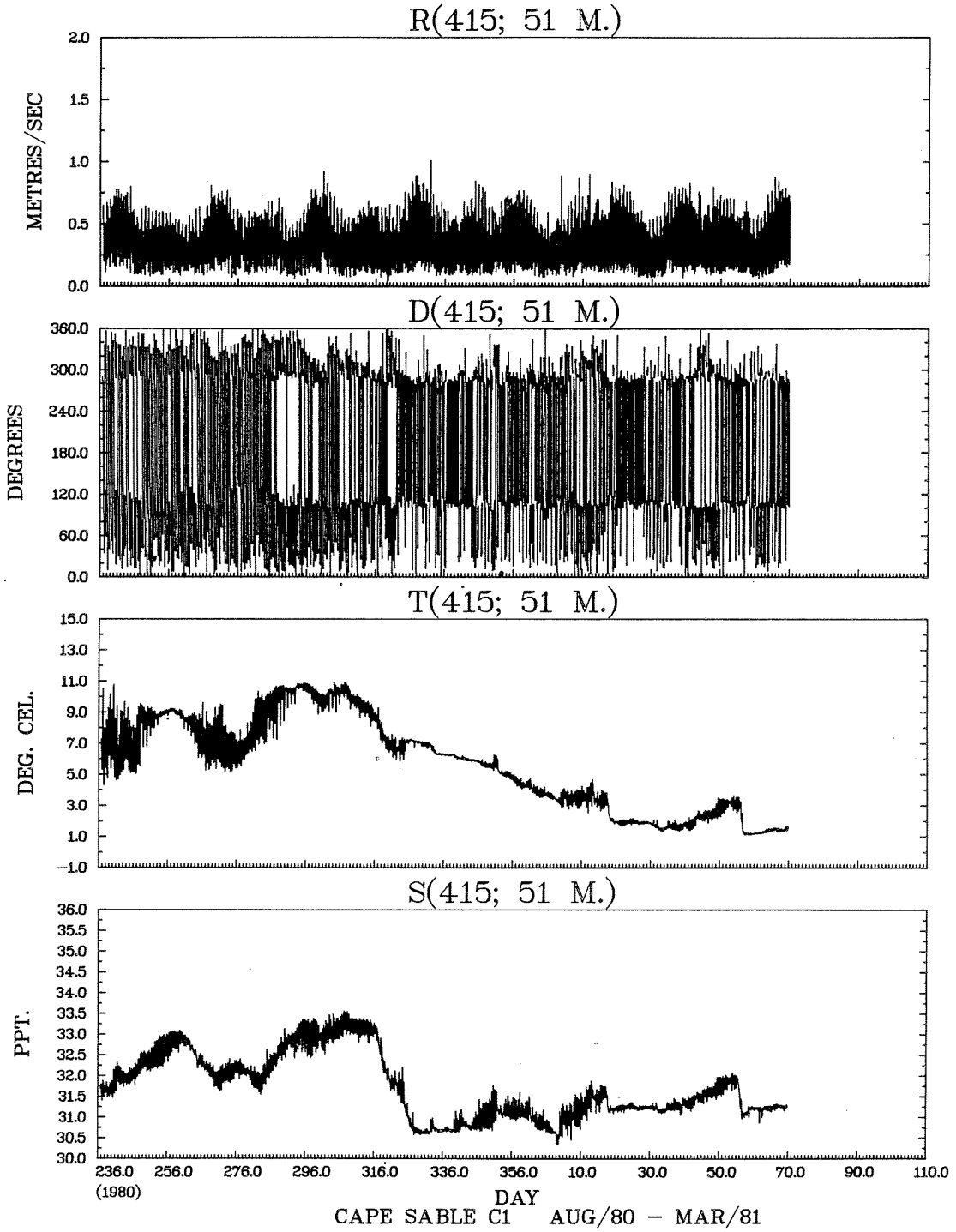
STN. 415, 51 M.

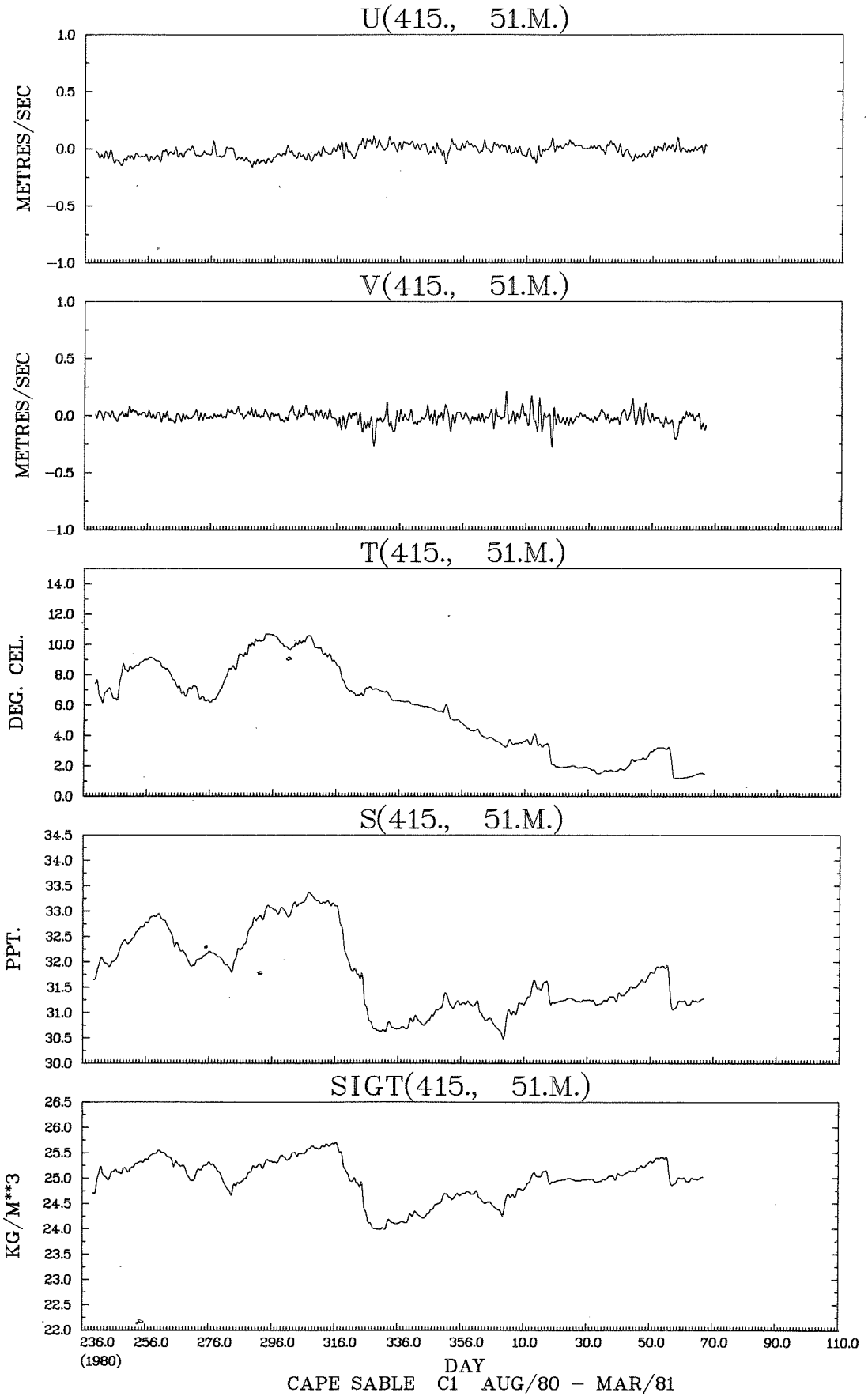


STN. 415, 51 M.



CAPE SABLE C1 AUG/80 – MAR/81


R(415; 51 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(415; 51 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(415; 51 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(415; 51 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81


U(415., 51.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(415., 51.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(415., 51.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(415., 51.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(415., 51.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81

JOINT DISTRIBUTION (PERCENT)

D(415., 51.M.) VS R(415., 51.M.)

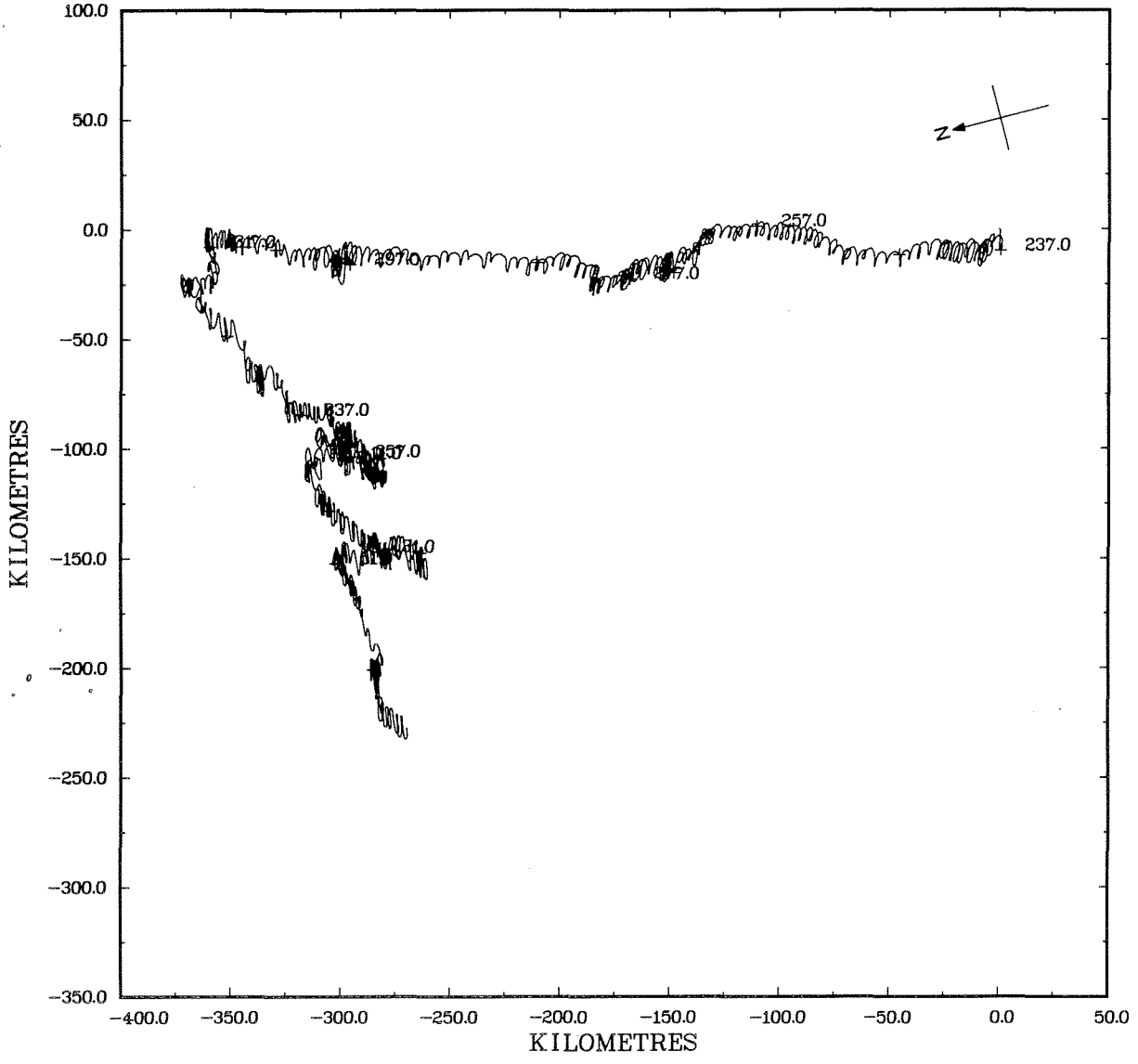
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10	1	*				.0								
.90 TO	1.00	2	*				.0								
.80 TO	.90	28	*				.3	.0					.3		
.70 TO	.80	166	*				1.7	.1					1.7		
.60 TO	.70	387	*			.1	3.5	.2				.1	4.2	.1	
.50 TO	.60	727	*			.2	6.5	.6				.1	7.1	.9	
.40 TO	.50	992	*		.0	.7	7.7	1.1				.3	7.6	3.2	.1
.30 TO	.40	940	*	.4	.5	.9	5.9	2.1	.1	.0	.0	.4	4.8	3.1	1.4
.20 TO	.30	754	*	1.1	.9	1.2	2.3	2.3	.7	.1	.6	1.2	3.0	1.2	1.2
.10 TO	.20	689	*	2.6	1.8	.3	.5	.3	.9	3.6	2.1	.8	.6	.4	.4
-.00 TO	.10	92	*	.5	.4				.0	.8	.2				.0
OUT OF RANGE		0	0												
SUB TOTAL		4778	0	224	171	162	1361	319	82	215	136	138	1399	425	146

JOINT DISTRIBUTION (PERCENT)

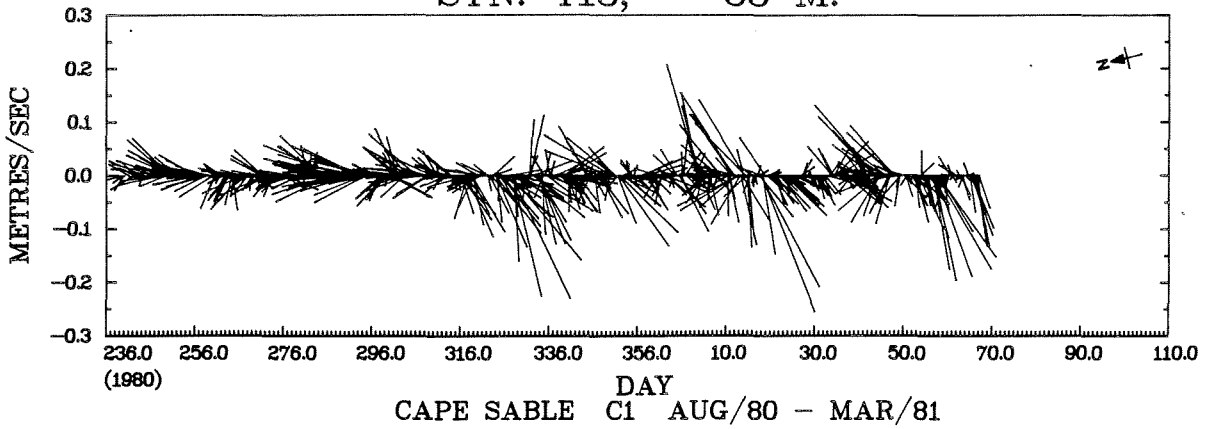
T(415., 51.M.) VS S(415., 51.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	8	*						.2				
33.00 TO	33.50	475	*					1.5	8.5				
32.50 TO	33.00	537	*				.1	5.2	5.9				
32.00 TO	32.50	700	*			.5	7.3	4.9	1.9				
31.50 TO	32.00	770	*		3.2	4.3	3.1	4.3	1.2				
31.00 TO	31.50	1510	*		20.7	7.1	3.0	.8	.1				
30.50 TO	31.00	767	*		.4	5.0	8.7	1.9					
30.00 TO	30.50	11	*		.0	.2							
OUT OF RANGE		0	0										
SUB TOTAL		4778	0		1166	813	1058	888	853				

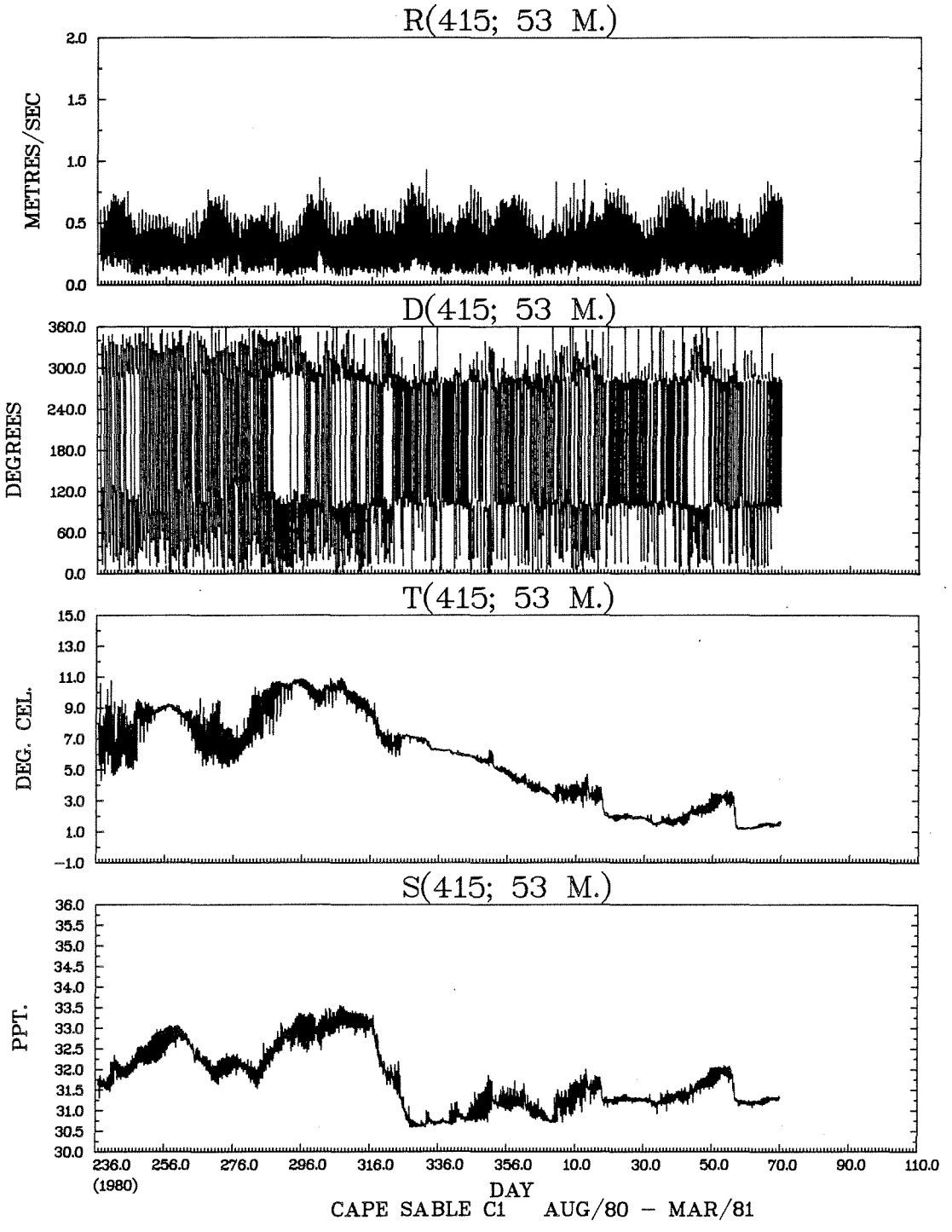
STN. 415, 53 M.

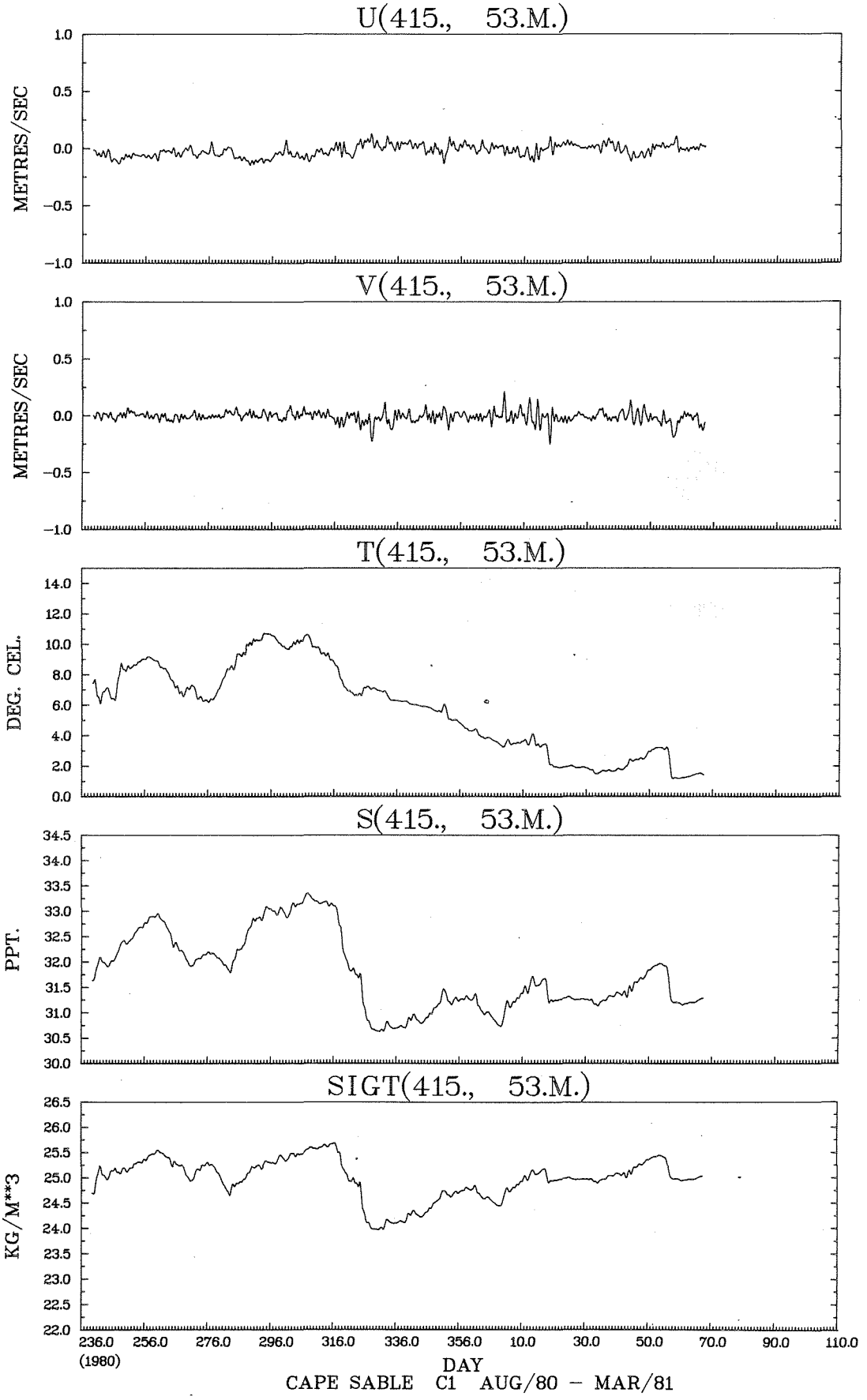


STN. 415, 53 M.



CAPE SABLE C1 AUG/80 – MAR/81


R(415; 53 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(415; 53 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(415; 53 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(415; 53 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 - MAR/81


U(415., 53.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(415., 53.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(415., 53.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(415., 53.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(415., 53.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0 256.0 276.0 296.0 316.0 336.0 356.0 10.0 30.0 50.0 70.0 90.0 110.0
(1980)
DAY
CAPE SABLE C1 AUG/80 − MAR/81

JOINT DISTRIBUTION (PERCENT)

D(415., 53.N.) VS R(415., 53.N.)

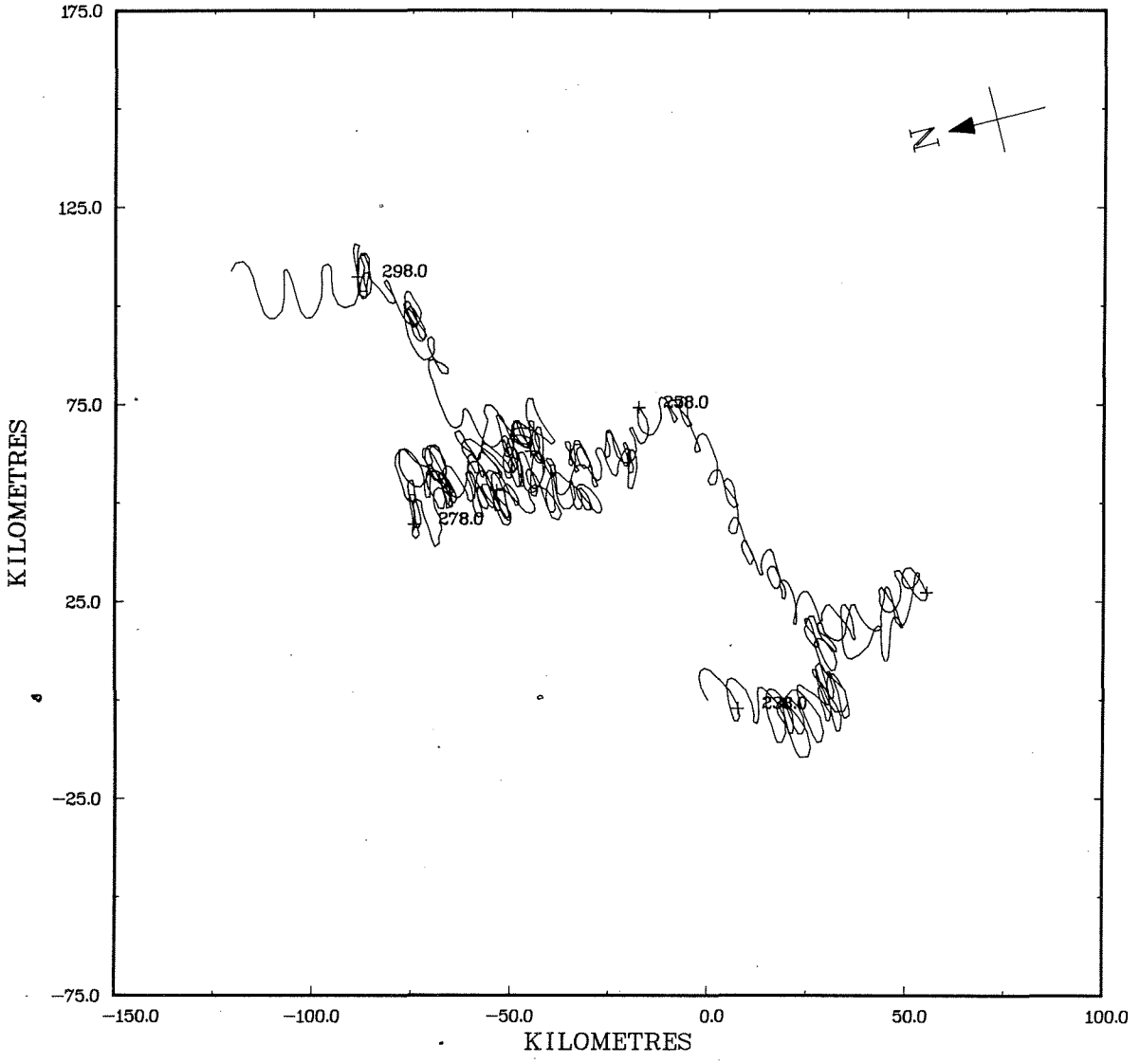
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	1	*				.0								
.80 TO	.90	12	*				.1						.1		
.70 TO	.80	78	*			.0	.8	.1					.8		
.60 TO	.70	335	*			.1	3.1	.2				.2	3.5		
.50 TO	.60	674	*			.4	5.9	.4				.3	6.7	.5	
.40 TO	.50	980	*		.0	.9	7.8	.7				.6	8.5	1.9	
.30 TO	.40	996	*	.2	.3	1.3	6.8	1.4	.0	.0	.0	1.0	5.7	3.1	1.0
.20 TO	.30	865	*	1.1	1.1	1.7	3.3	2.1	.7	.1	.5	1.6	3.1	1.6	1.2
.10 TO	.20	711	*	2.7	1.3	.6	.5	.5	1.3	3.4	1.4	.9	.8	.5	.9
-.00 TO	.10	127	*	.9	.1				.1	1.1	.3			.0	.1
OUT OF RANGE		0	0												
SUB TOTAL		4779	0	236	140	238	1349	249	101	226	107	229	1388	360	156

JOINT DISTRIBUTION (PERCENT)

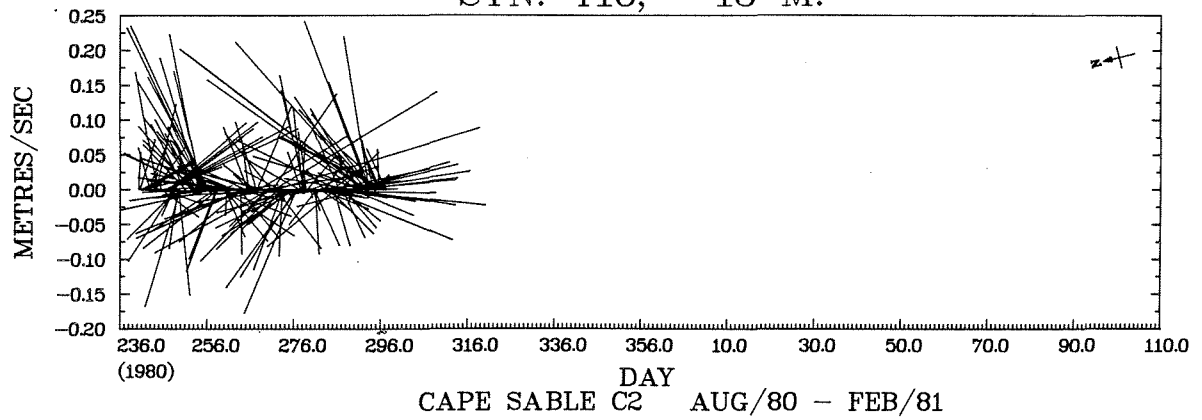
T(415., 53.M.) VS S(415., 53.M.)

DEG. CEL. PPT.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	9	*						.2				
33.00 TO	33.50	462	*					1.4	8.3				
32.50 TO	33.00	545	*				.1	5.2	6.1				
32.00 TO	32.50	743	*			1.3	7.3	4.9	2.1				
31.50 TO	32.00	830	*		3.6	5.0	3.2	4.3	1.3				
31.00 TO	31.50	1535	*		20.2	7.8	3.2	.8	.1				
30.50 TO	31.00	655	*		.3	3.1	8.2	2.1					
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4779	0		1152	821	1053	893	860				

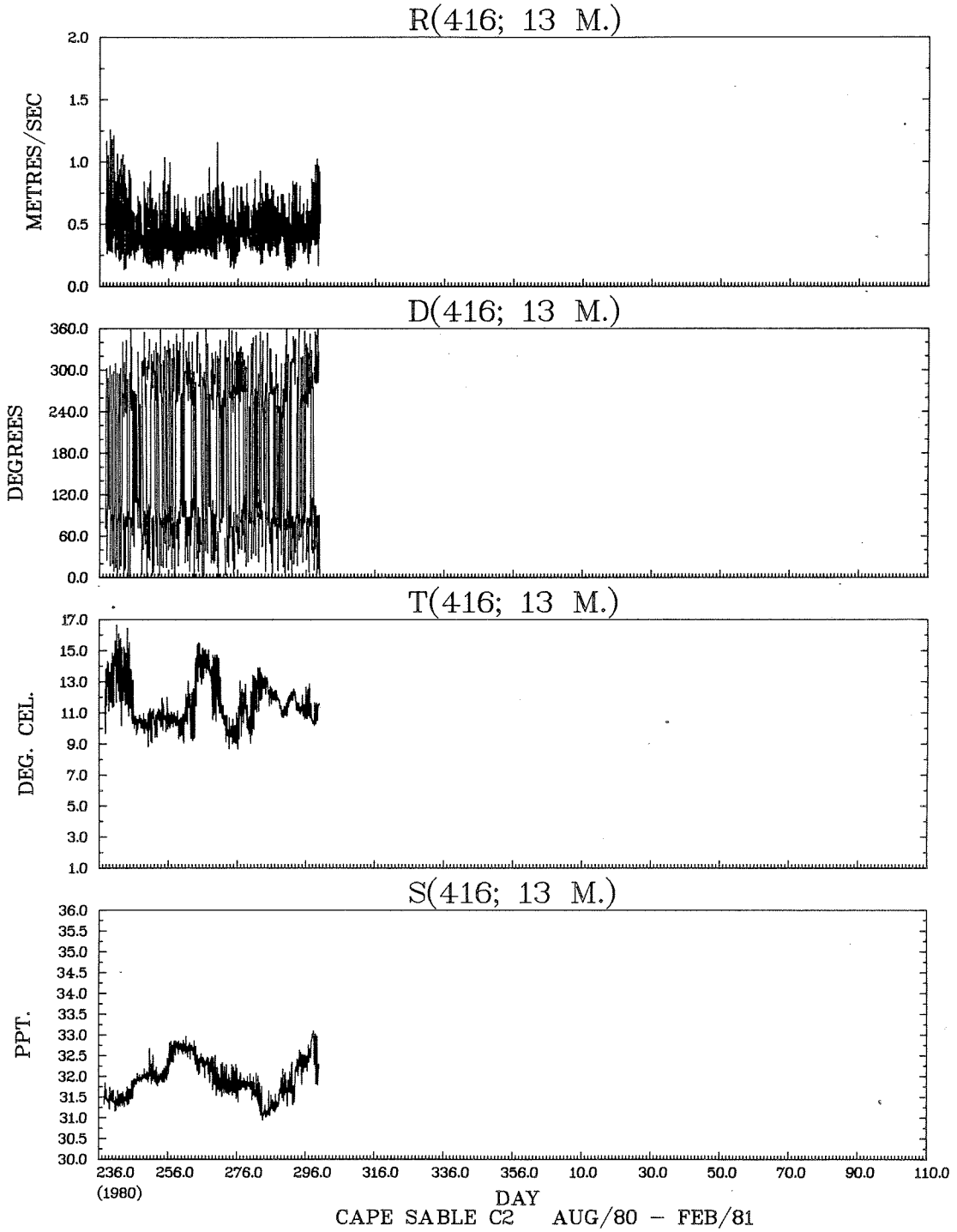
STN. 416; 13 M.

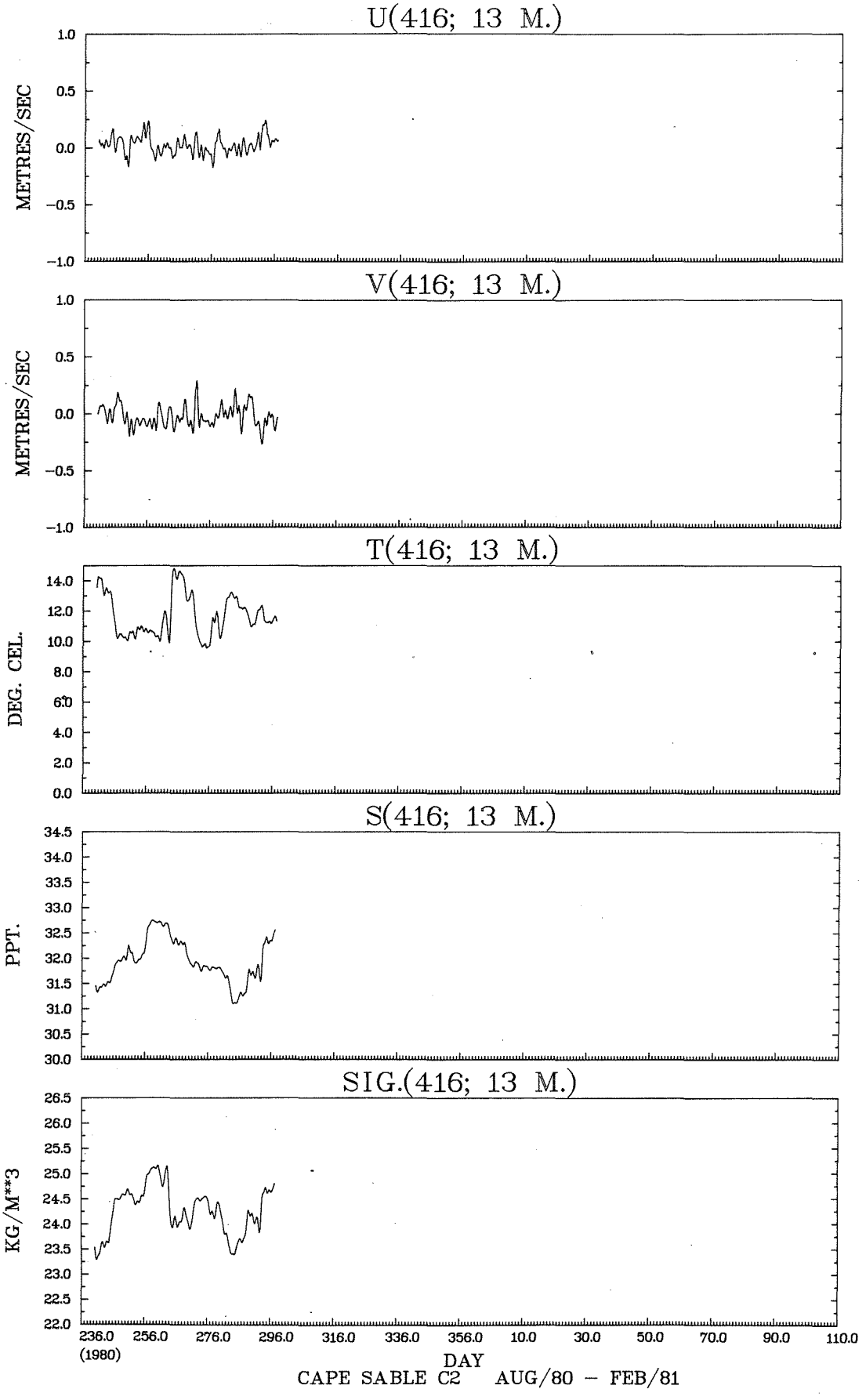


STN. 416; 13 M.



CAPE SABLE C2 AUG/80 – FEB/81


R(416; 13 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(416; 13 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(416; 13 M.)
DEG. CEL.
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
S(416; 13 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - FEB/81


U(416; 13 M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(416; 13 M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(416; 13 M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(416; 13 M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIG.(416; 13 M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 − FEB/81

JOINT DISTRIBUTION (PERCENT)

D(416., 13.M.) VS R(416., 13.M.)

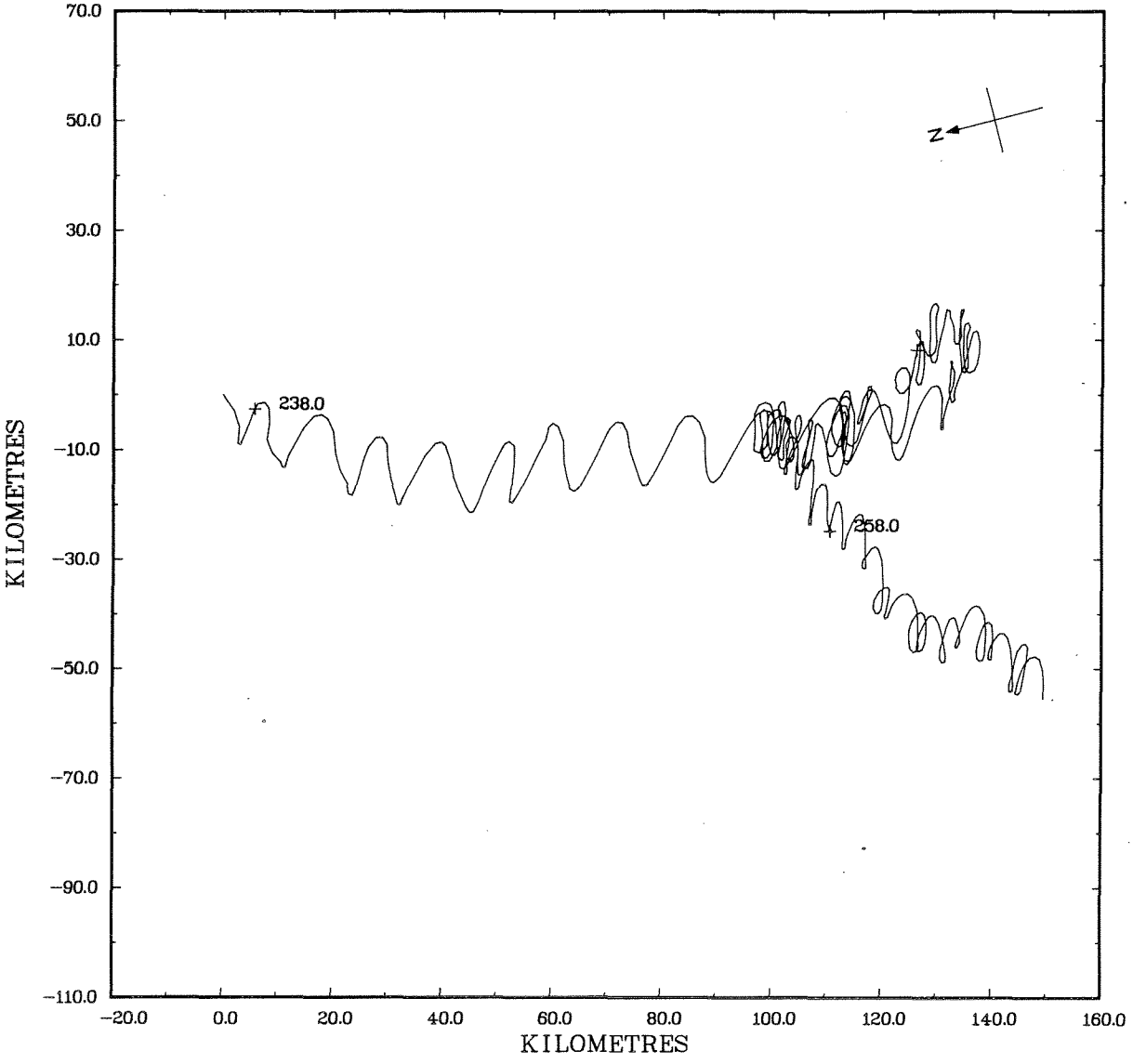
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	2	*									.1			
1.10 TO	1.20	5	*									.2	.1		
1.00 TO	1.10	9	*				.1					.4	.1	.1	
.90 TO	1.00	20	*			.2	.3				.1	.3	.4		
.80 TO	.90	58	*			1.6	.7				.3	.5	.7	.1	
.70 TO	.80	110	*		.1	2.3	1.5				.3	1.3	1.5	.3	.1
.60 TO	.70	177	*	.1	.1	3.3	2.9	.2			.3	2.4	2.0	.3	.1
.50 TO	.60	249	*	.2	.9	4.8	3.5	.3		.1	.8	3.5	2.0	.5	
.40 TO	.50	315	*	.4	1.0	5.6	3.3	.8	.1	.4	.7	4.0	3.3	1.1	.3
.30 TO	.40	333	*	1.6	1.2	3.0	2.1	1.2	1.4	1.5	1.3	2.5	2.7	2.5	1.3
.20 TO	.30	184	*	1.9	.8	1.1	.4	.3	.7	1.5	.6	1.2	1.1	1.3	1.5
.10 TO	.20	35	*	.6	.3	.1	.1	.1	.3	.3			.1	.1	.3
-.00 TO	.10		*												
OUT OF RANGE		0	0												
SUB TOTAL		1497	0	72	67	329	225	44	36	56	67	246	208	94	53

JOINT DISTRIBUTION (PERCENT)

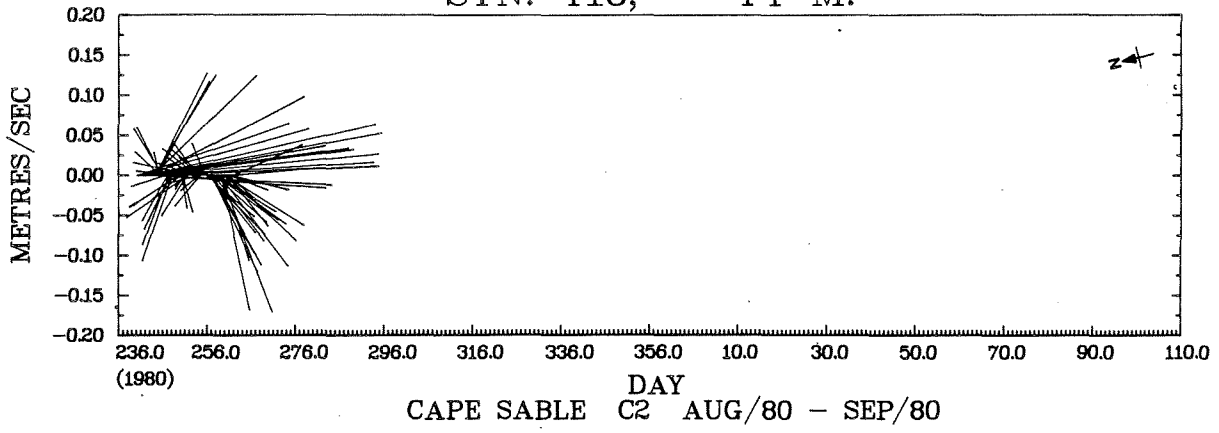
T(416., 13.M.) VS S(416., 13.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	8	*						.5				
32.50 TO	33.00	237	*						11.2	4.5	.1		
32.00 TO	32.50	374	*					.3	9.5	7.9	5.9	1.4	
31.50 TO	32.00	608	*					.2	19.6	16.1	4.5	.2	
31.00 TO	31.50	266	*						.1	9.8	6.6	1.2	
30.50 TO	31.00	4	*							.1	.2		
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1497	0					7	613	575	260	42	

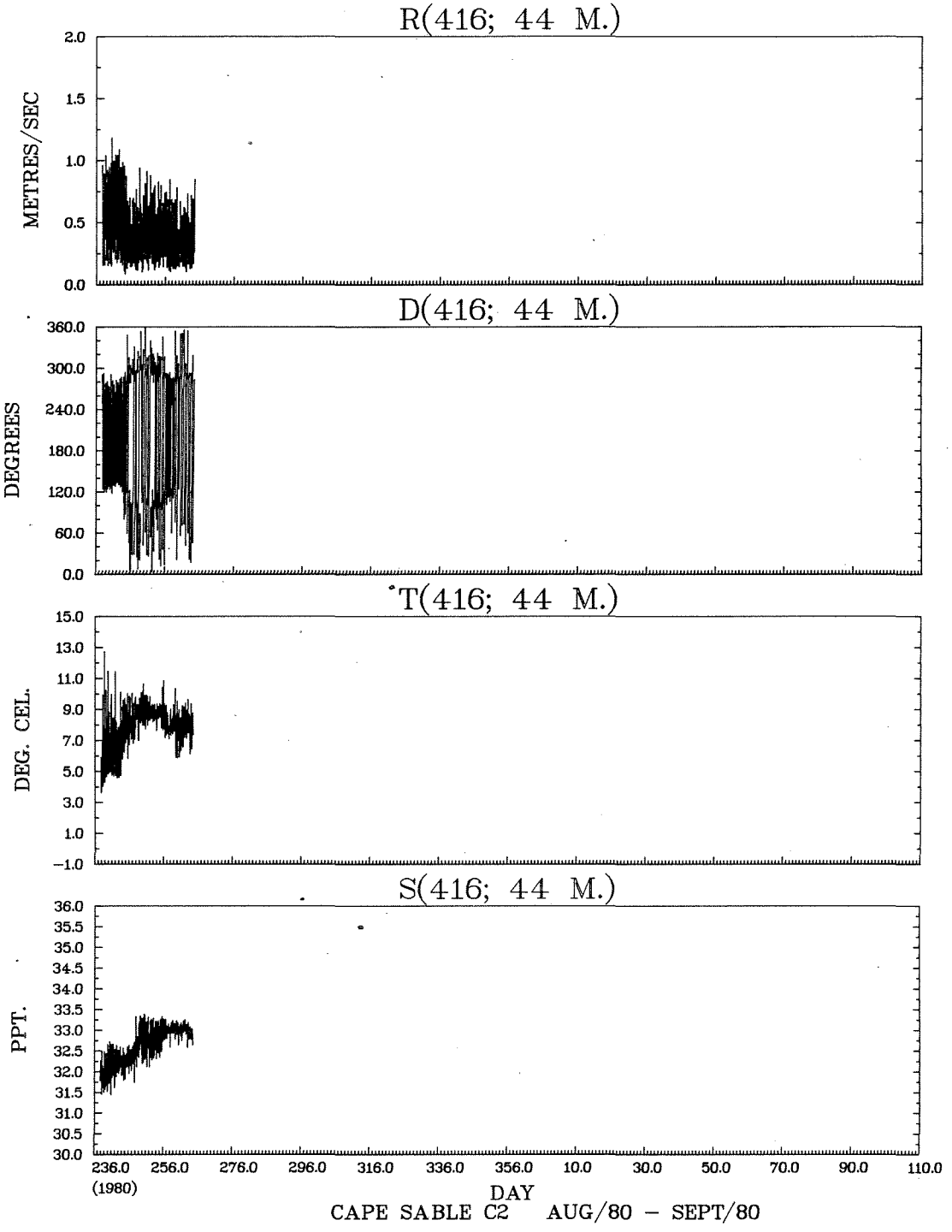
STN. 416, 44 M.

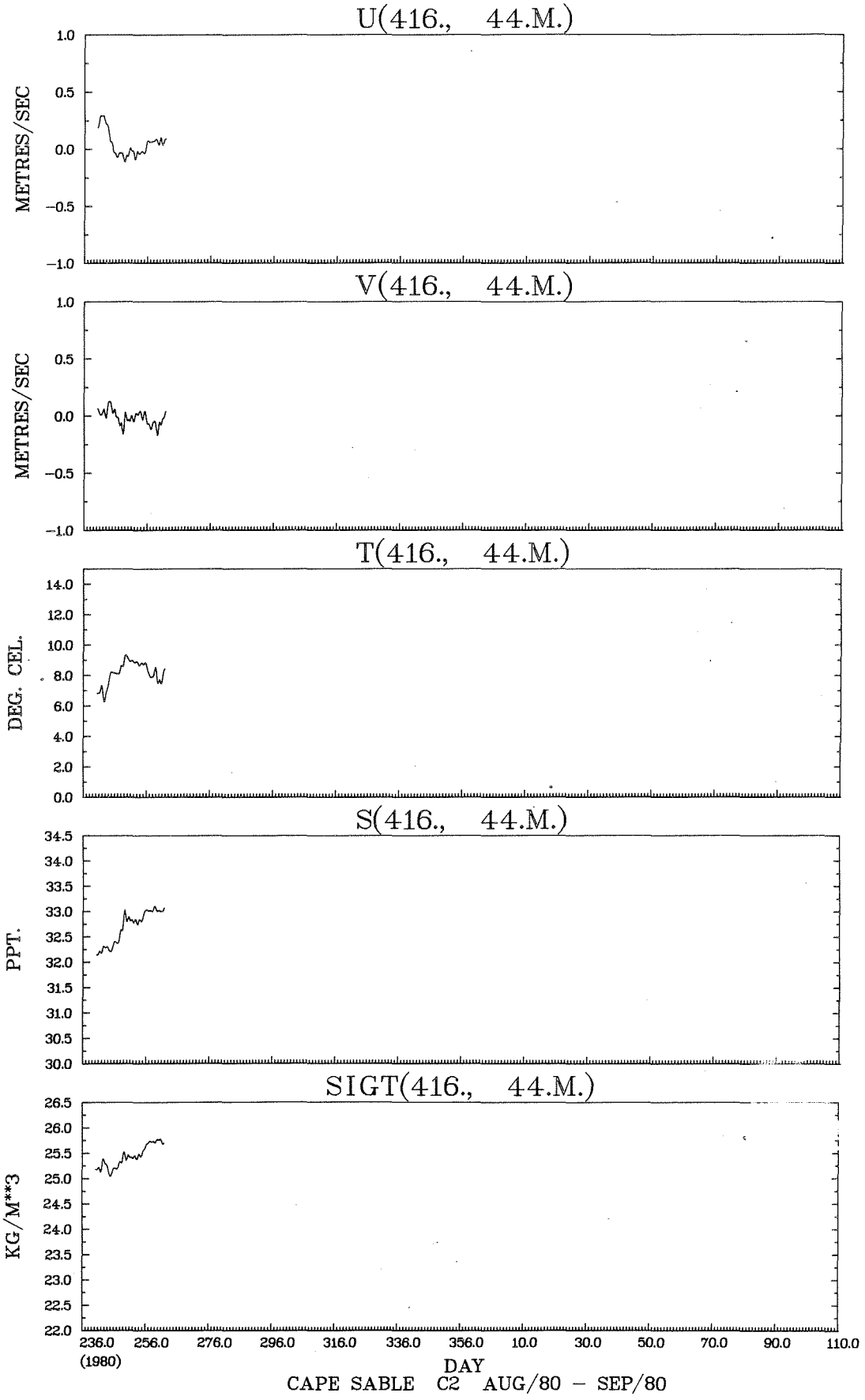


STN. 416, 44 M.



CAPE SABLE C2 AUG/80 - SEP/80


R(416; 44 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(416; 44 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(416; 44 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(416; 44 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - SEPT/80


U(416., 44.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(416., 44.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(416., 44.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(416., 44.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(416., 44.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - SEP/80

JOINT DISTRIBUTION (PERCENT)

D(416., 44.M.) VS R(416., 44.M.)

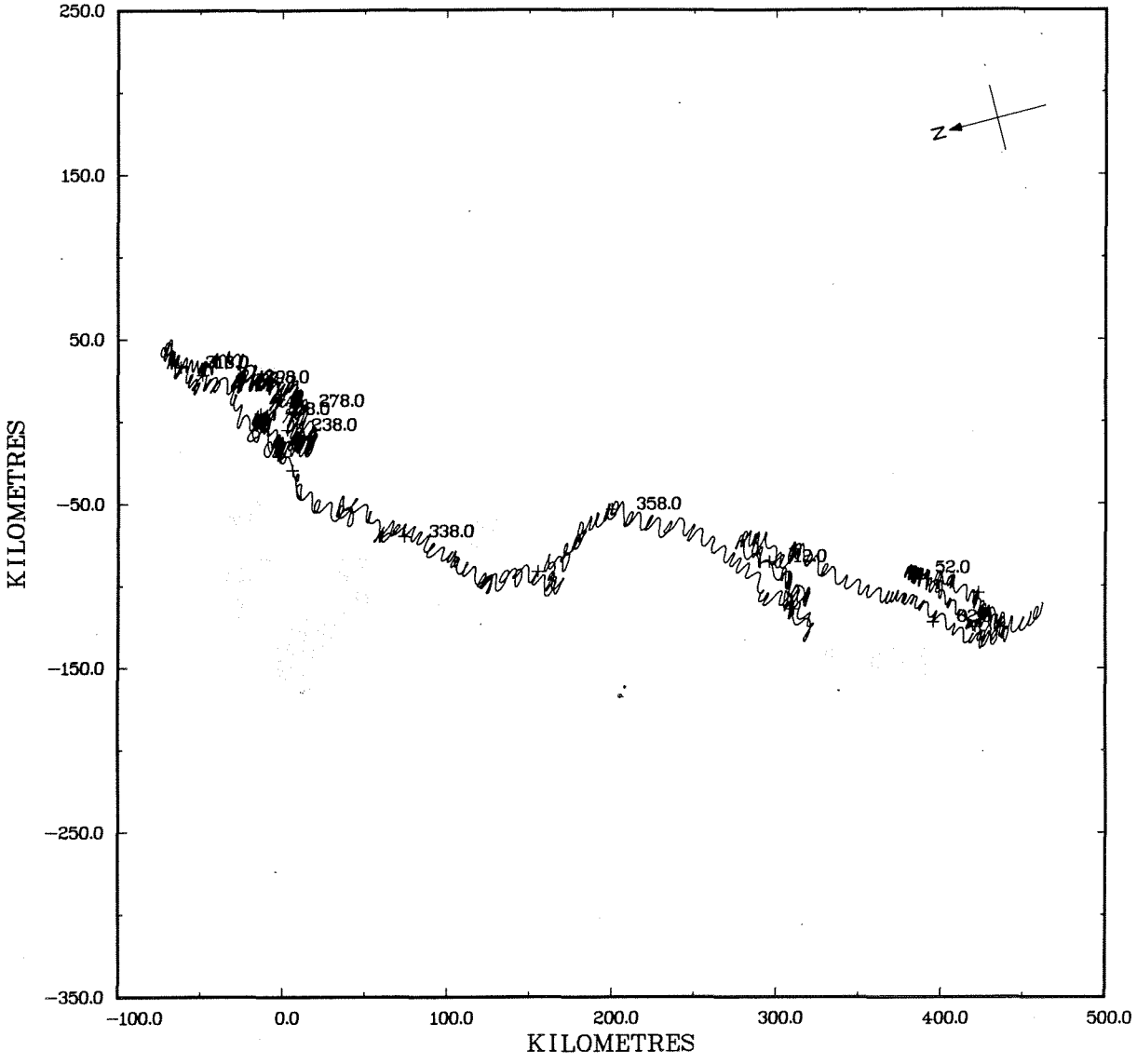
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*					.2							
1.00 TO	1.10	6	*					.6					.3		
.90 TO	1.00	24	*				.2	1.4				.6	1.5		
.80 TO	.90	34	*				.3	2.3				.3	2.3		
.70 TO	.80	41	*				1.1	1.1				.9	3.1	.2	
.60 TO	.70	80	*			.3	2.8	2.0				.8	6.0	.5	
.50 TO	.60	90	*			.5	3.6	3.1	.2			.8	5.1	.8	
.40 TO	.50	100	*			.9	4.3	3.6	.3		.2	1.7	3.2	1.2	
.30 TO	.40	92	*		.5	1.4	2.0	2.2	.8	.9	.8	1.5	2.5	1.7	
.20 TO	.30	95	*	.6	.6	.8	.8	1.7	1.7	2.2	1.4	1.2	1.9	1.2	.6
.10 TO	.20	83	*	1.9	.8	1.1	.3	.5	1.2	2.6	1.9	.6	.2	.8	1.1
-.00 TO	.10	1	*							.2					
OUT OF RANGE		0	0												
SUB TOTAL		647	0	16	12	32	99	120	27	38	27	55	169	41	11

JOINT DISTRIBUTION (PERCENT)

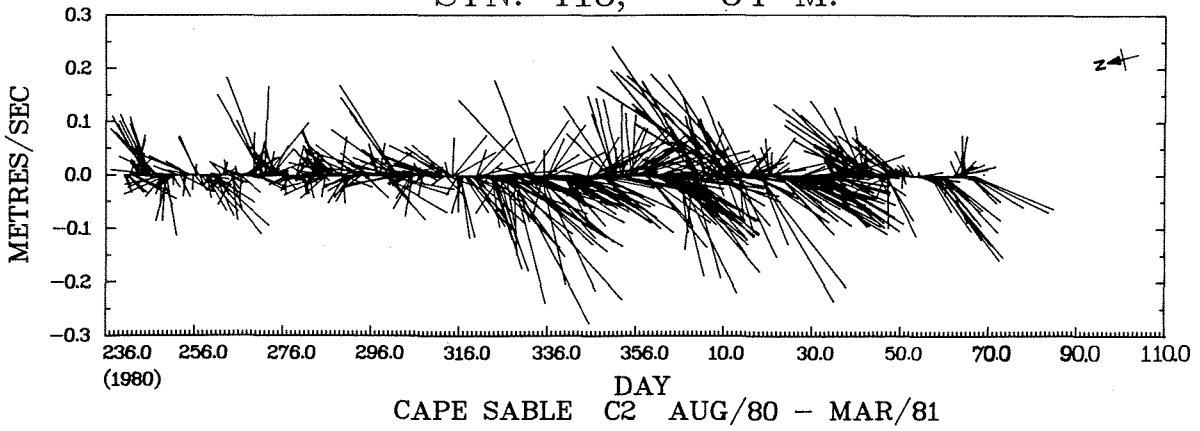
T(416., 44.M.) VS S(416., 44.M.)

PPT. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50	179	*				.9	17.6	9.1				
32.50 TO 33.00	231	*			2.9	4.3	24.3	4.2				
32.00 TO 32.50	176	*			3.1	4.5	15.0	4.6				
31.50 TO 32.00	58	*				2.3	4.6	1.7	.3			
31.00 TO 31.50	3	*				.2		.2	.2			
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	647	0			39	79	398	128	3			

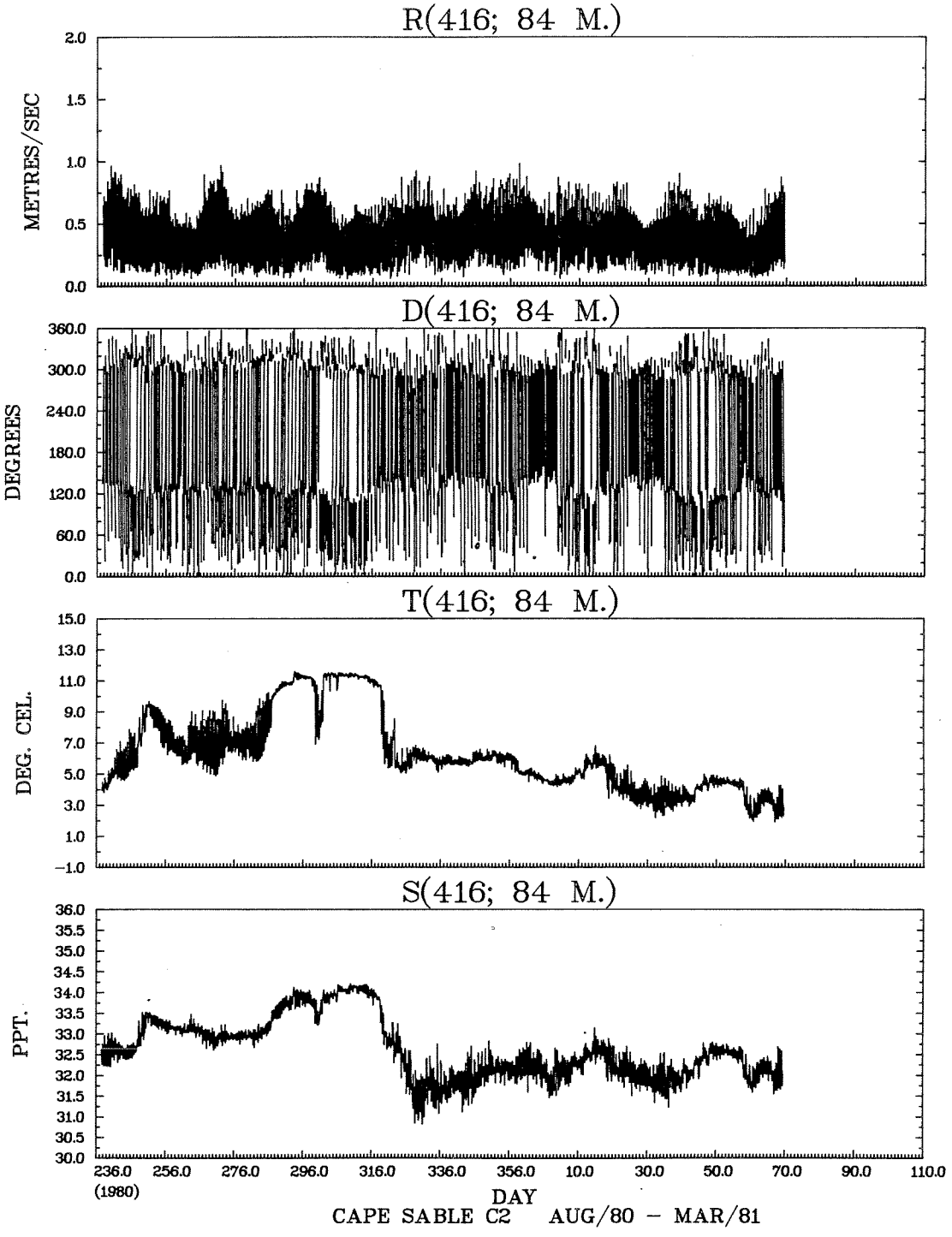
STN. 416, 84 M.

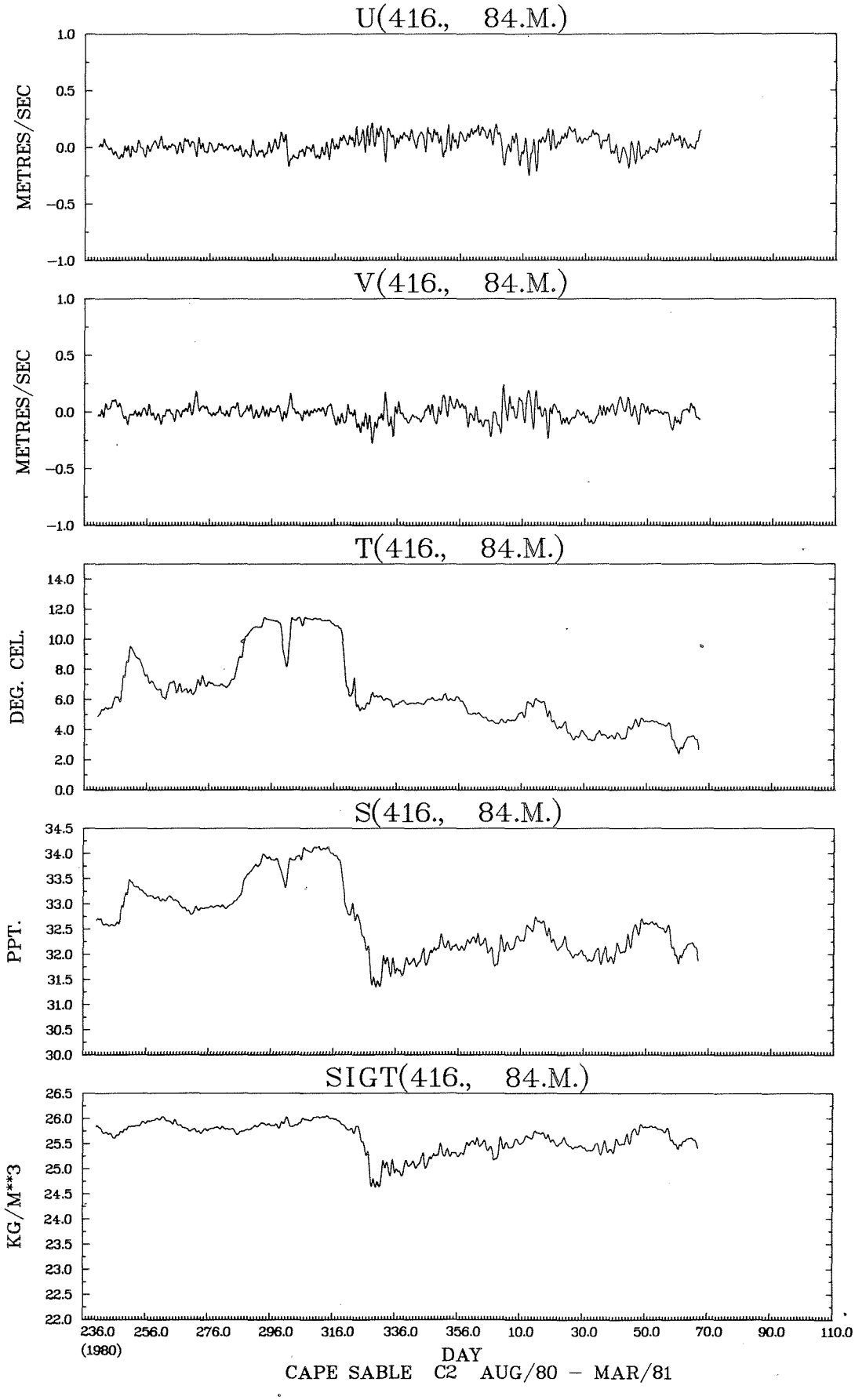


STN. 416, 84 M.



CAPE SABLE C2 AUG/80 – MAR/81


R(416; 84 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(416; 84 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(416; 84 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(416; 84 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
(1980)
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
DAY
CAPE SABLE C2 AUG/80 - MAR/81


U(416., 84.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(416., 84.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(416., 84.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(416., 84.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(416., 84.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0 256.0 276.0 296.0 316.0 336.0 356.0 10.0 30.0 50.0 70.0 90.0 110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 – MAR/81

JOINT DISTRIBUTION (PERCENT)

D(416.,84.M.) VS R(416.,84.M.)

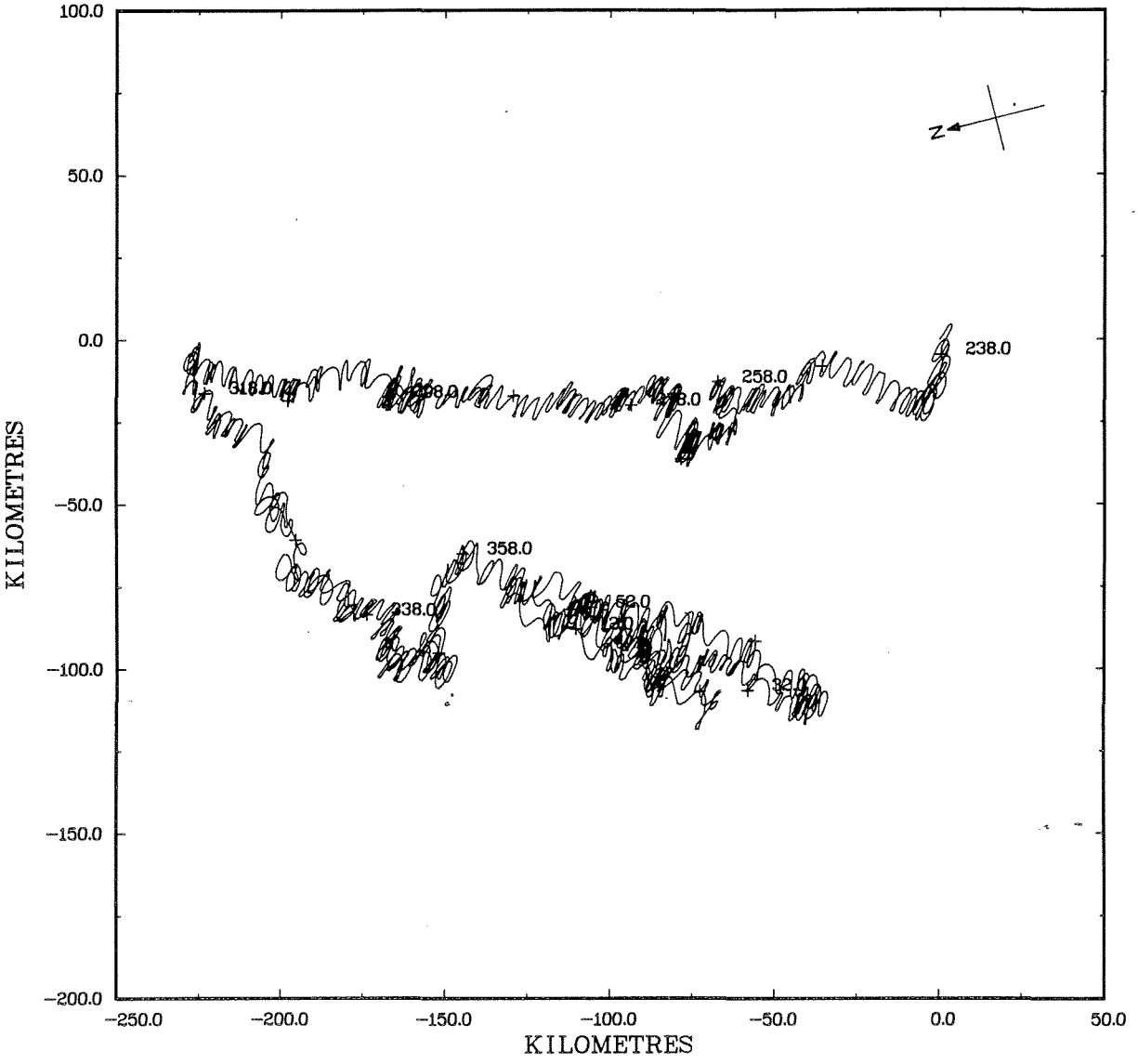
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	12	*				.0	.1					.1		
.80 TO	.90	80	*				.3	.8				.0	.3	.3	
.70 TO	.80	251	*				1.2	2.1	.1			.0	.8	1.0	
.60 TO	.70	591	*			.0	2.0	4.0	.1			.0	2.8	3.3	.0
.50 TO	.60	828	*			.1	2.2	4.7	.5			.1	4.8	5.0	.2
.40 TO	.50	878	*	.0	.0	.2	2.4	5.4	.8	.0	.1	.5	3.8	4.7	.4
.30 TO	.40	763	*	.1	.3	.5	1.9	3.7	1.5	.4	.5	.8	2.6	3.0	.7
.20 TO	.30	679	*	.6	1.0	.8	1.0	1.9	1.4	1.3	1.3	1.2	1.6	1.3	.8
.10 TO	.20	598	*	1.7	1.7	.9	.5	.5	.8	1.7	2.4	.9	.3	.4	.7
-.00 TO	.10	70	*	.2	.3	.1	.0	.0	.0	.3	.3	.0	.0		.0
OUT OF RANGE		0	0												
SUB TOTAL		4750	0	128	159	125	549	1109	254	183	218	178	812	902	133

JOINT DISTRIBUTION (PERCENT)

T(416., 84.M.) VS S(416., 84.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50	263	*						.1	5.5			
33.50 TO	34.00	466	*					.2	5.4	4.3			
33.00 TO	33.50	636	*				4.6	6.0	2.8				
32.50 TO	33.00	1093	*			6.6	12.8	3.6	.0				
32.00 TO	32.50	1399	*		.3	17.9	11.0	.2					
31.50 TO	32.00	787	*		2.7	6.9	6.9						
31.00 TO	31.50	98	*		.1	.0	1.9						
30.50 TO	31.00	8	*				.2						
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		4750	0		147	1497	1778	474	393	461			

STN. 416, 94 M.



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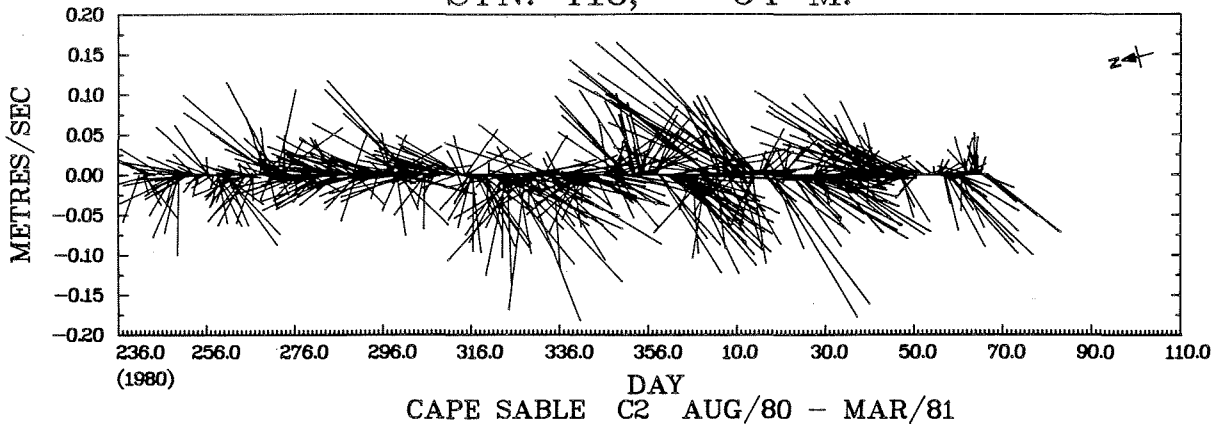
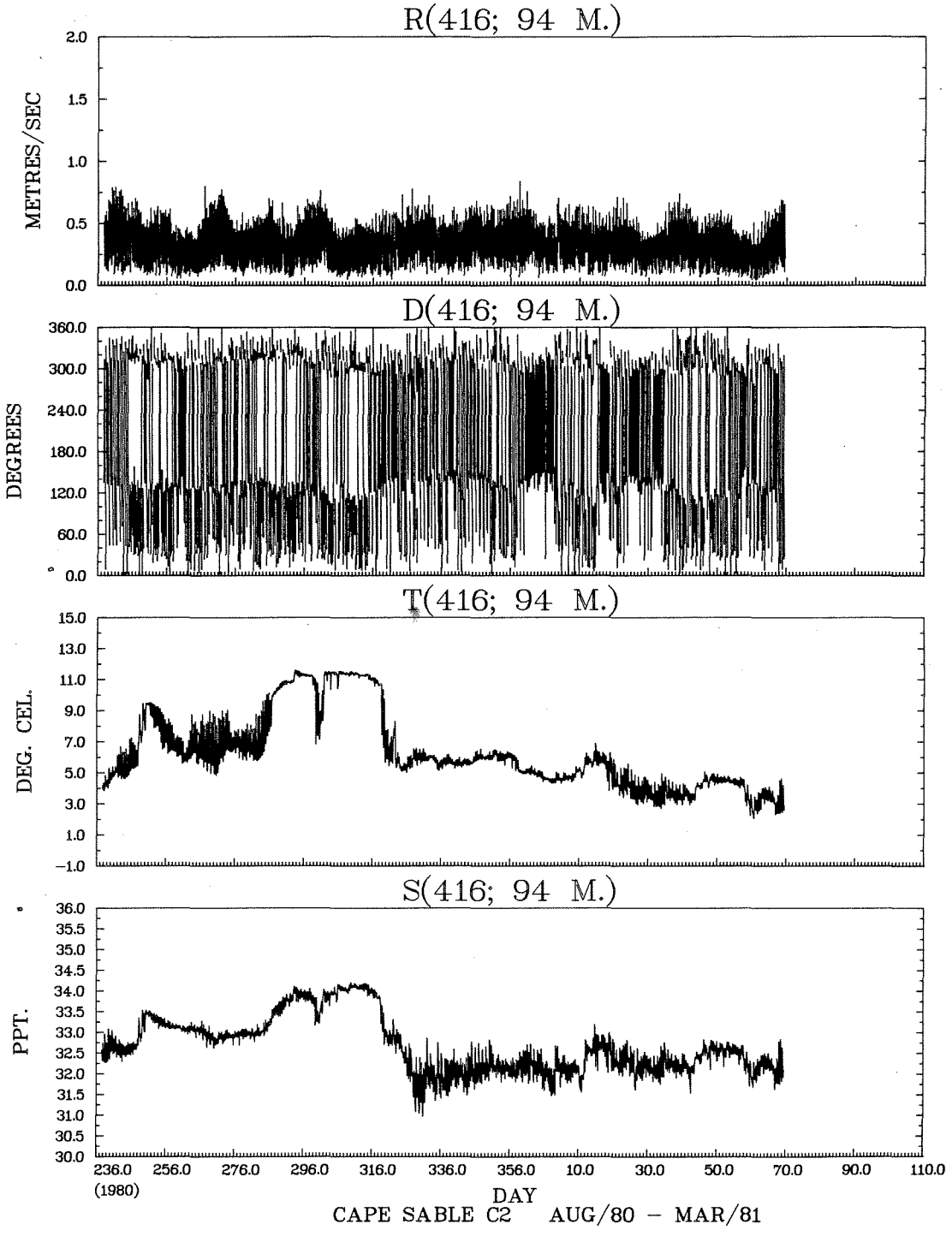
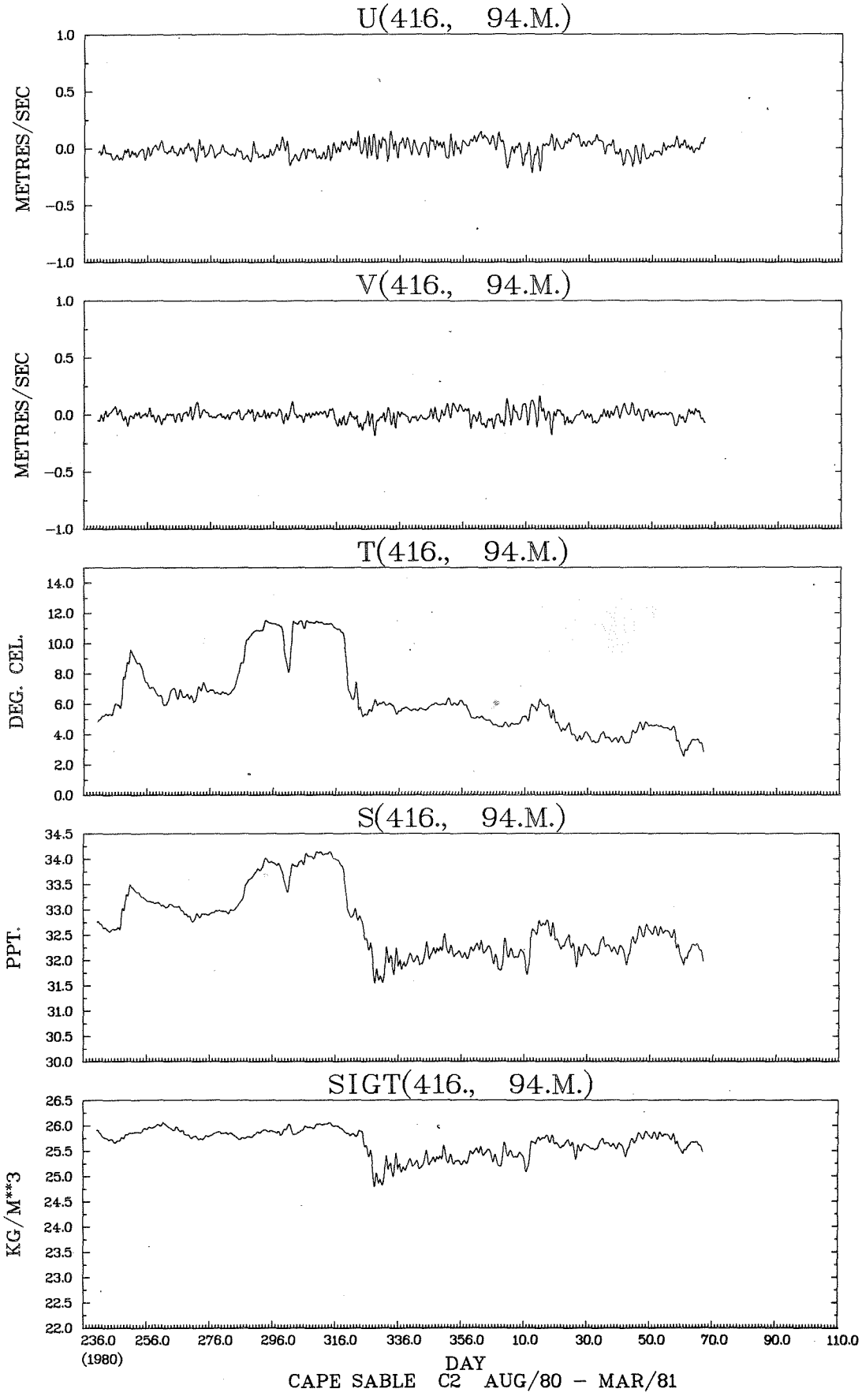


CAPE SABLE C2 AUG/80 – MAR/81


R(416; 94 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(416; 94 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(416; 94 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(416; 94 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - MAR/81


U(416., 94.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(416., 94.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(416., 94.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(416., 94.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(416., 94.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0 256.0 276.0 296.0 316.0 336.0 356.0 10.0 30.0 50.0 70.0 90.0 110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - MAR/81

JOINT DISTRIBUTION (PERCENT)

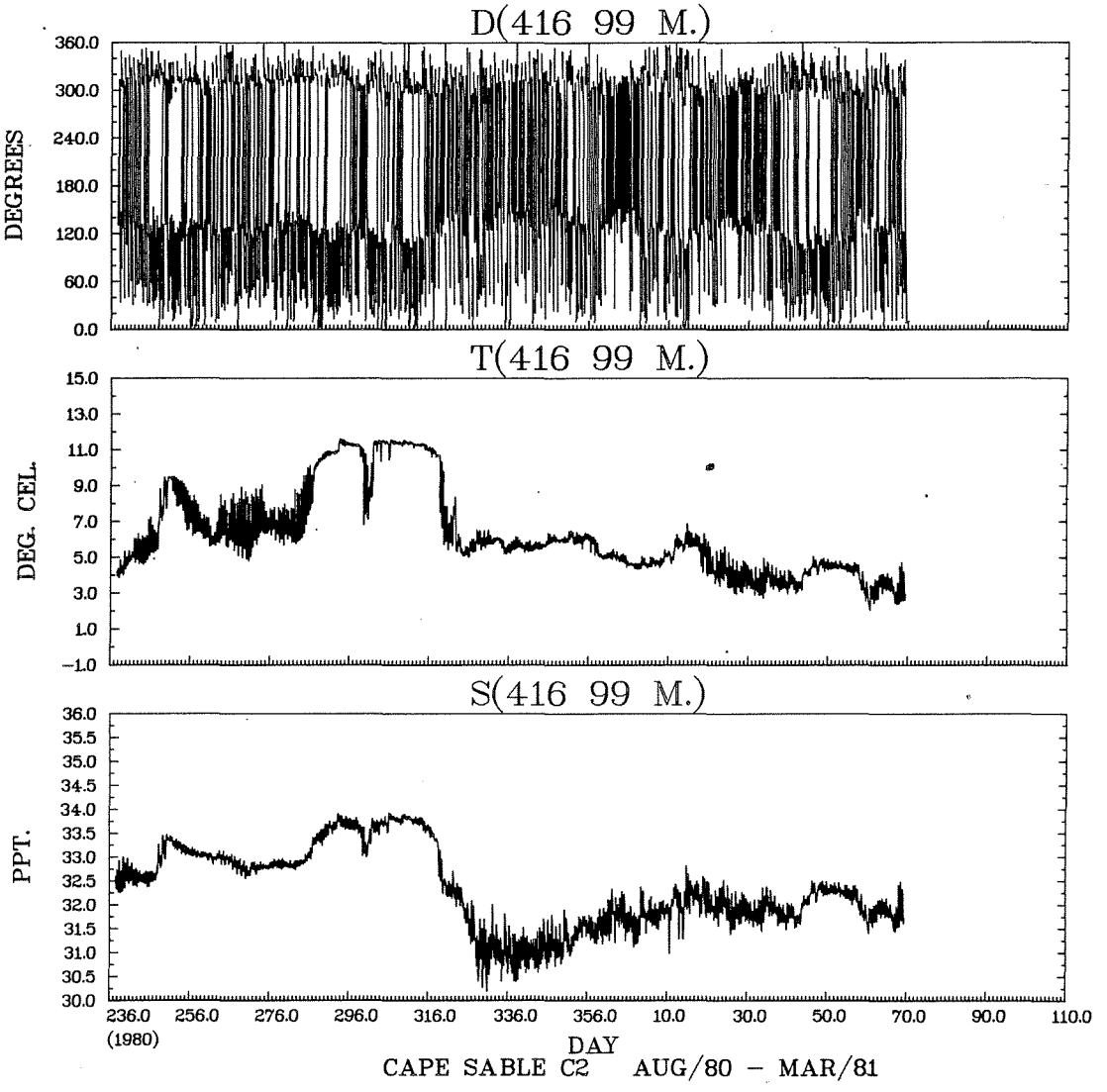
D(416., 94.M.) VS R(416., 94.M.)

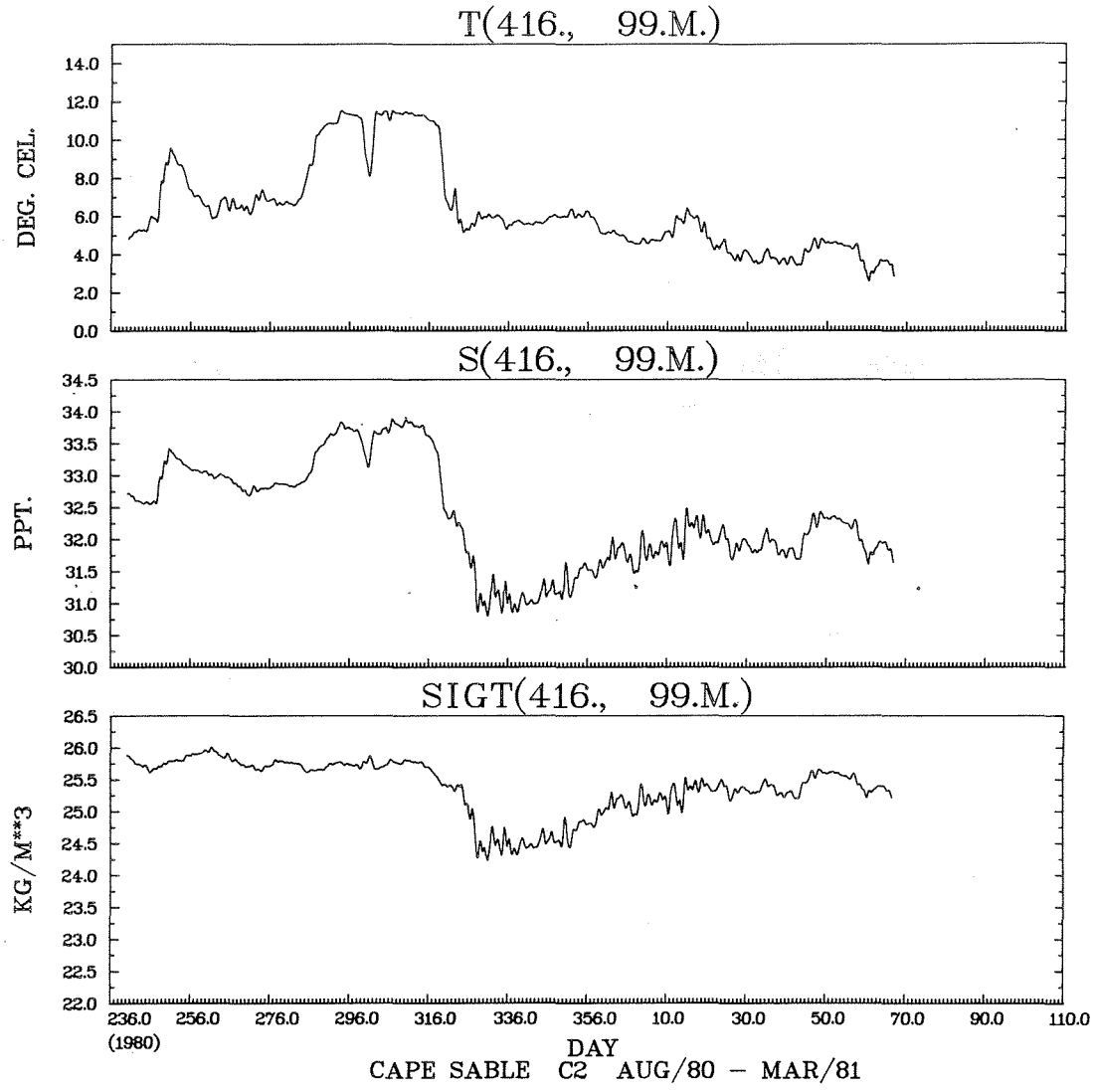
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*										.0	.0	
.70 TO	.80	31	*				.1	.1					.1	.4	
.60 TO	.70	227	*				1.0	1.6	.0			.1	.5	1.6	
.50 TO	.60	615	*			.1	2.2	3.7	.1			.1	1.9	4.7	.1
.40 TO	.50	1122	*	.0	.1	.3	3.5	6.3	.8		.0	.1	4.2	7.8	.5
.30 TO	.40	1058	*	.2	.2	.6	2.9	6.1	1.1	.1	.1	.5	3.2	6.0	1.2
.20 TO	.30	822	*	.7	.9	1.0	1.7	3.2	1.4	.9	.8	1.0	2.0	2.4	1.2
.10 TO	.20	766	*	1.8	2.5	1.3	.9	1.0	1.3	1.6	2.3	1.3	.7	.7	.8
-.00 TO	.10	107	*	.3	.6	.1	.0	.1	.1	.3	.4	.1	.1	.0	.0
OUT OF RANGE		0	0												
SUB TOTAL		4750	0	143	205	164	594	1050	233	139	174	153	597	1114	184

JOINT DISTRIBUTION (PERCENT)

T(416., 94.M.) VS S(416., 94.M.)

DEG. CEL. PPT.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50	257	*						.1	5.3			
33.50 TO 34.00	464	*					.2	5.1	4.5			
33.00 TO 33.50	659	*				5.7	5.5	2.7				
32.50 TO 33.00	1212	*			7.8	14.3	3.4	.0				
32.00 TO 32.50	1556	*		.4	20.0	12.3	.1					
31.50 TO 32.00	558	*		1.7	3.8	6.3						
31.00 TO 31.50	43	*			.1	.8						
30.50 TO 31.00	1	*				.0						
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	4750	0		100	1504	1871	435	370	470			


D(416 99 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(416 99 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(416 99 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - MAR/81


T(416., 99.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(416., 99.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(416., 99.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
(1980)
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
DAY
CAPE SABLE C2 AUG/80 - MAR/81

HISTOGRAM OF D(416., 99.M.)   DEGREES

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	10.00	41	.9	*********
10.00	20.00	54	1.1	***********
20.00	30.00	73	1.5	***************
30.00	40.00	62	1.3	*************
40.00	50.00	84	1.8	******************
50.00	60.00	56	1.2	************
60.00	70.00	47	1.0	**********
70.00	80.00	64	1.3	*************
80.00	90.00	78	1.6	****************
90.00	100.00	115	2.4	************************
100.00	110.00	193	4.1	**
110.00	120.00	343	7.2	**
120.00	130.00	397	8.4	***
130.00	140.00	322	6.8	***
140.00	150.00	220	4.6	***
150.00	160.00	111	2.3	**********************
160.00	170.00	71	1.5	***************
170.00	180.00	53	1.1	***********
180.00	190.00	35	.7	*******
190.00	200.00	48	1.0	**********
200.00	210.00	47	1.0	**********
210.00	220.00	60	1.3	************
220.00	230.00	55	1.2	***********
230.00	240.00	51	1.1	**********
240.00	250.00	38	.8	********
250.00	260.00	50	1.1	**********
260.00	270.00	49	1.0	**********
270.00	280.00	90	1.9	******************
280.00	290.00	184	3.9	************************************
290.00	300.00	316	6.7	***
300.00	310.00	445	9.4	**
310.00	320.00	492	10.4	**
320.00	330.00	204	4.3	**
330.00	340.00	98	2.1	********************
340.00	350.00	66	1.4	**************
350.00	360.00	38	.8	********

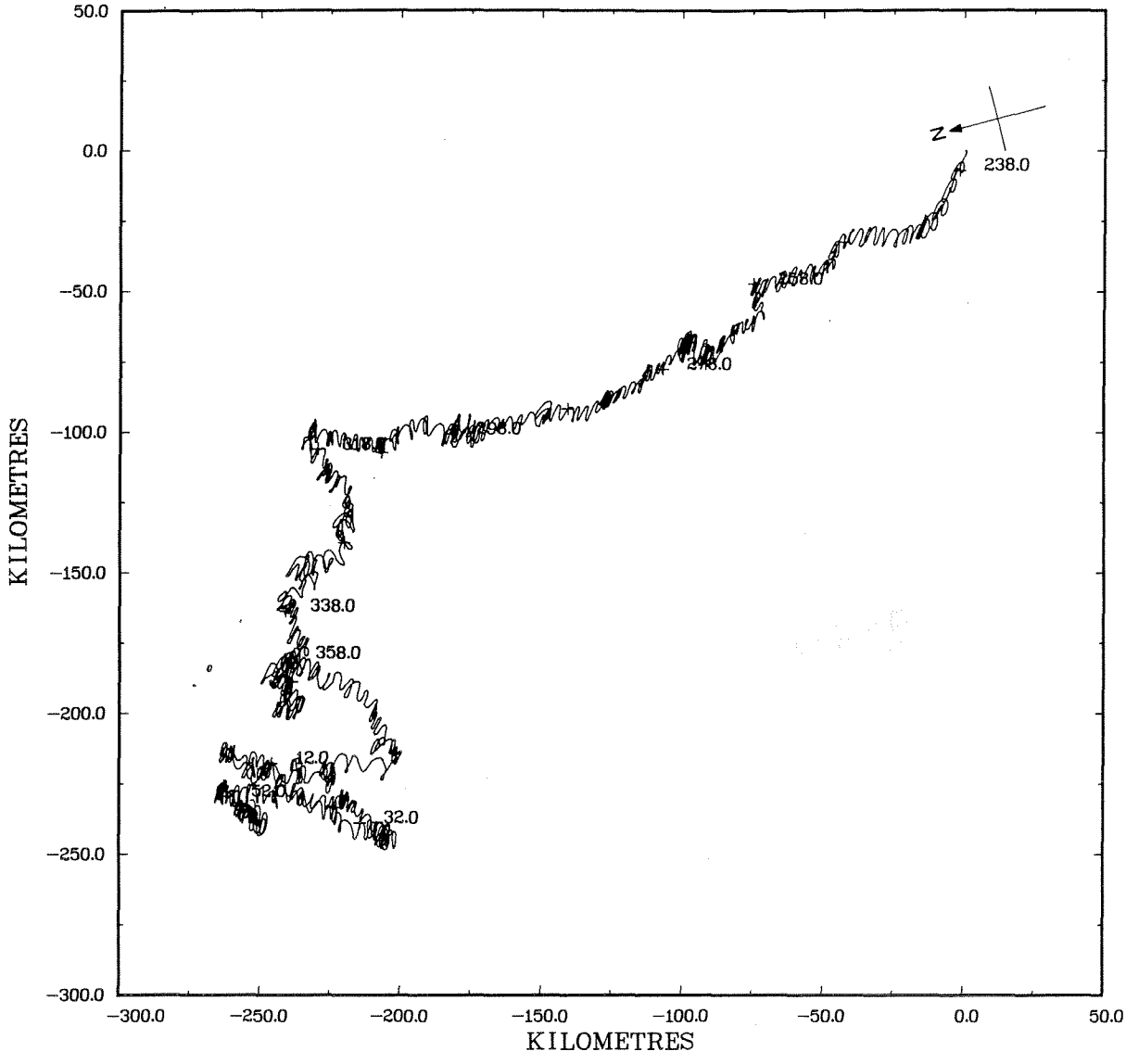
TOTAL NO. OF SAMPLES 4750
OUTSIDE RANGE 0

JOINT DISTRIBUTION (PERCENT).

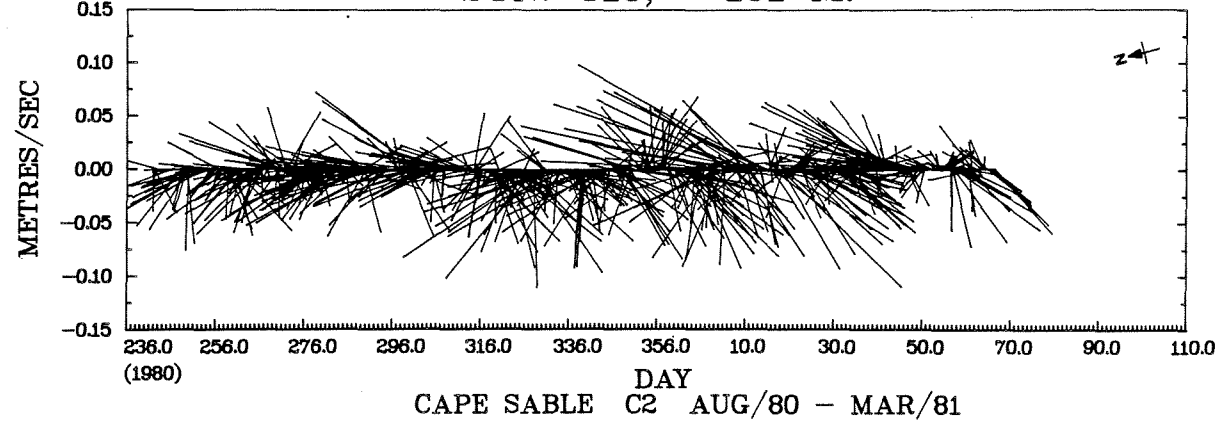
T(416., 99.M.) VS S(416., 99.M.)

PPT. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00	599	*						2.7	9.9			
33.00 TO	33.50	525	*				2.3	4.0	4.7	.0			
32.50 TO	33.00	831	*			2.0	10.7	4.4	.3				
32.00 TO	32.50	944	*			12.6	6.8	.5					
31.50 TO	32.00	1143	*		1.6	15.7	6.8						
31.00 TO	31.50	476	*		.3	1.2	8.6						
30.50 TO	31.00	216	*			.0	4.5						
30.00 TO	30.50	16	*				.3						
OUT OF RANGE		0	0										
SUB TOTAL		4750	0		89	1494	1905	423	367	472			

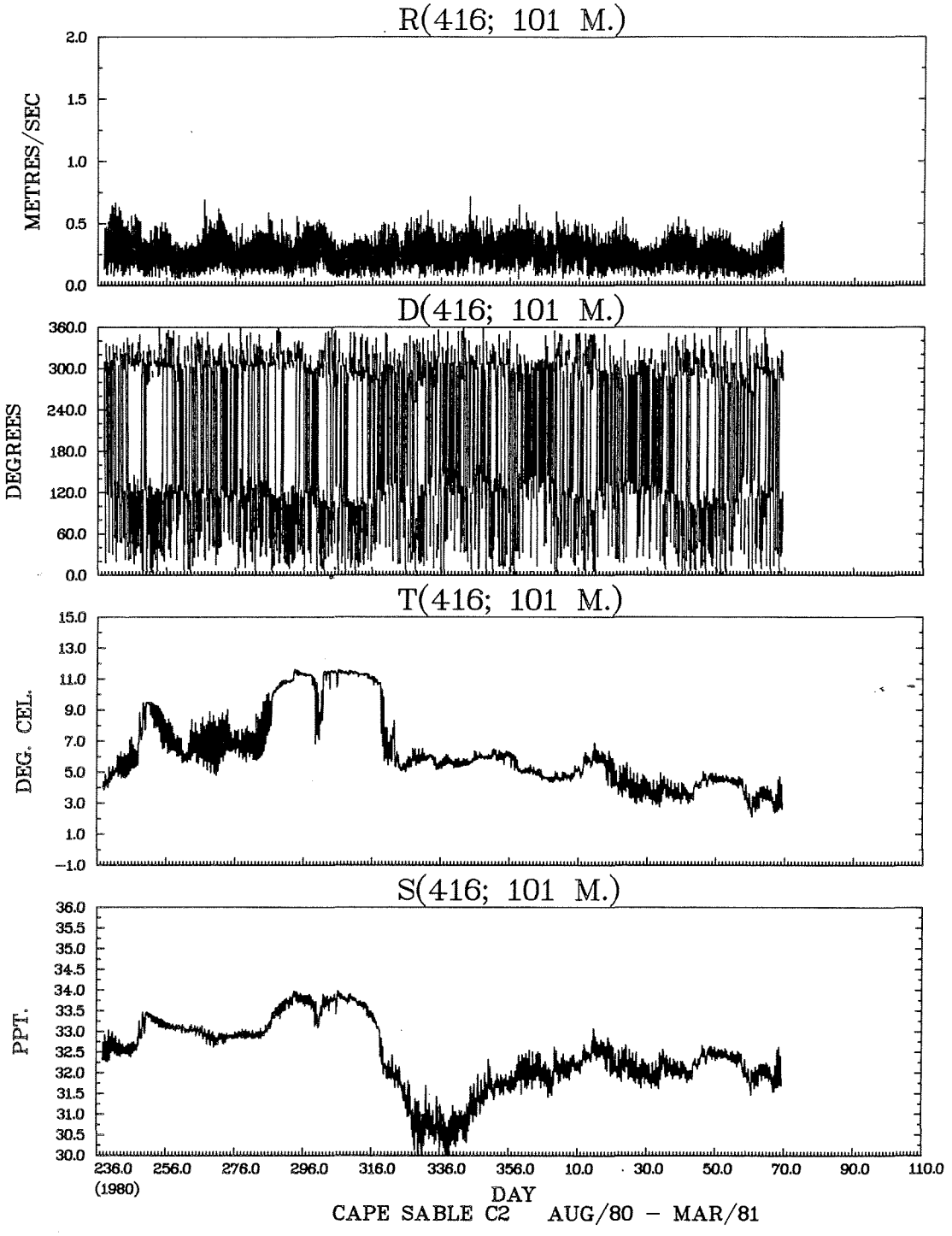
STN. 416, 101 M.

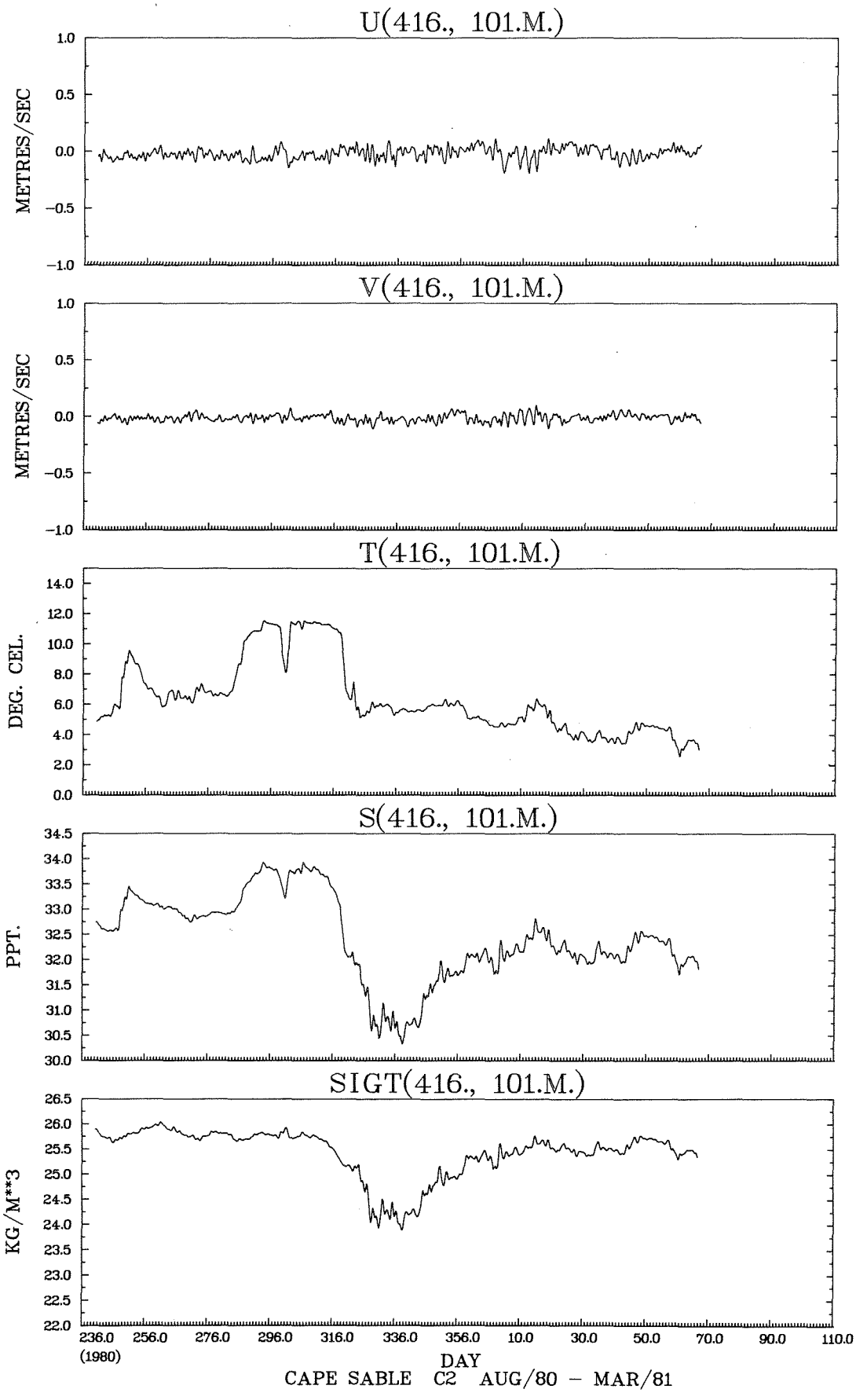


STN. 416, 101 M.



CAPE SABLE C2 AUG/80 − MAR/81


R(416; 101 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(416; 101 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(416; 101 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(416; 101 M.)
PPT.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 - MAR/81


U(416., 101.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(416., 101.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(416., 101.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(416., 101.M.)
PPT.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(416., 101.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
236.0
256.0
276.0
296.0
316.0
336.0
356.0
10.0
30.0
50.0
70.0
90.0
110.0
(1980)
DAY
CAPE SABLE C2 AUG/80 − MAR/81

JOINT DISTRIBUTION (PERCENT)

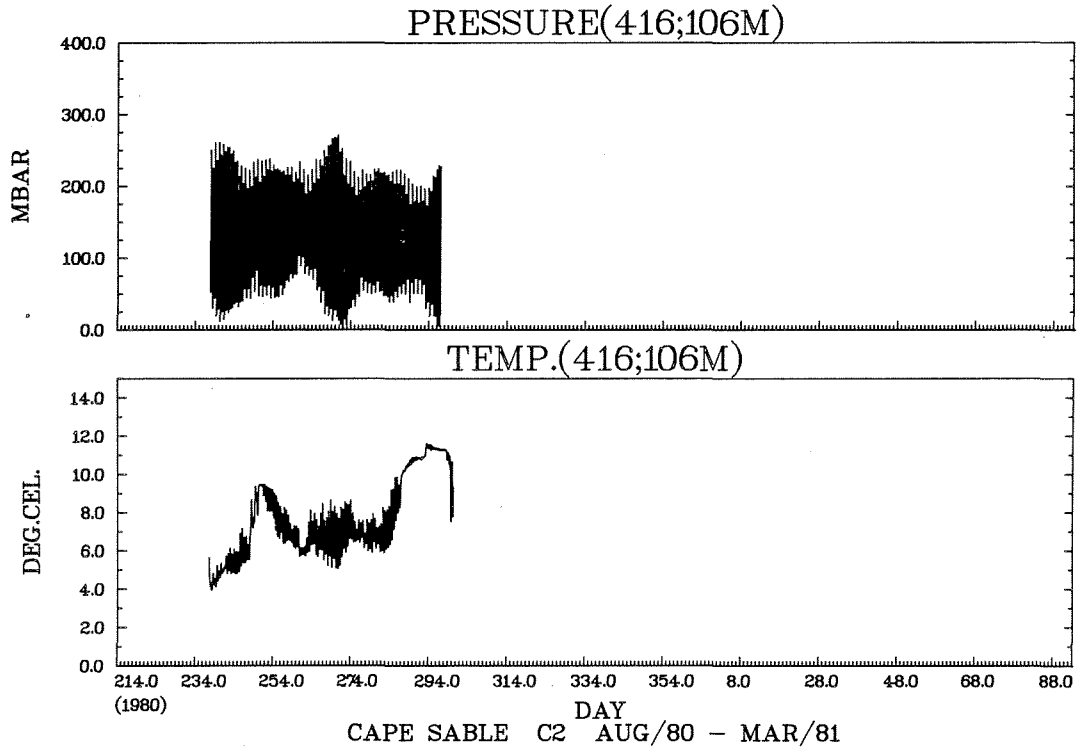
D(416., 101.M.) VS R(416., 101.M.)

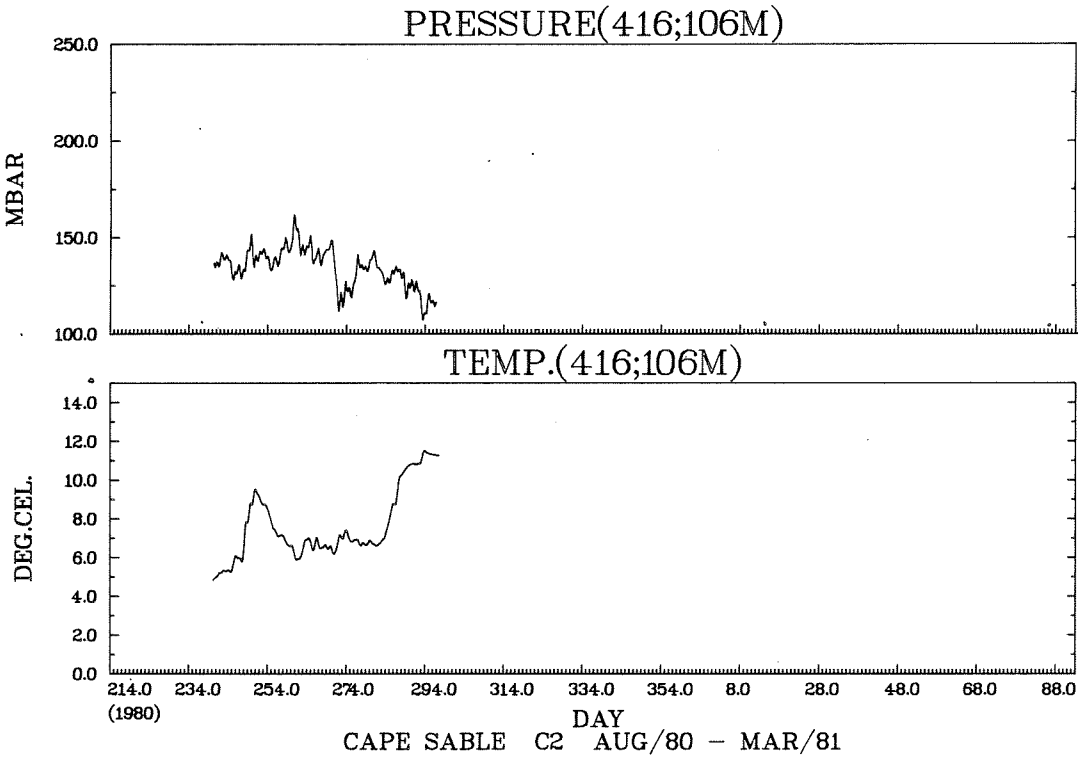
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	1	*					.0							
.60 TO	.70	11	*										.1	.2	
.50 TO	.60	104	*			.0	.4	.2	.0			.0	.2	1.3	
.40 TO	.50	565	*	.0	.0	.4	3.1	1.5	.1			.1	2.4	4.1	.2
.30 TO	.40	1363	*	.3	.3	1.1	6.6	4.9	.5	.0	.0	.4	7.5	6.8	.3
.20 TO	.30	1462	*	.5	.9	1.3	5.9	6.3	1.1	.3	.4	1.5	5.7	5.6	1.2
.10 TO	.20	1011	*	2.3	2.0	1.7	2.1	2.2	1.8	1.8	1.8	1.5	1.6	1.3	1.2
-.00 TO	.10	230	*	.8	.9	.3	.3	.1	.3	.9	.6	.2	.1	.1	.4
OUT OF RANGE		0	0												
SUB TOTAL		4747	0	184	195	231	869	722	178	145	135	179	832	919	158

JOINT DISTRIBUTION (PERCENT)

T(416., 101.M.) VS S(416., 101.M.)

DEG. CEL. PPT.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00	588	*						3.1	9.3			
33.00 TO 33.50	634	*				4.1	4.5	4.1	.7			
32.50 TO 33.00	904	*			3.9	11.1	3.6	.5				
32.00 TO 32.50	1278	*			19.5	6.7	.7					
31.50 TO 32.00	809	*		1.7	8.1	7.1	.2					
31.00 TO 31.50	196	*		.0	.1	4.0						
30.50 TO 31.00	238	*				5.0						
30.00 TO 30.50	91	*				1.9						
29.50 TO 30.00	9	*				.2						
29.00 TO 29.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	4747	0		81	1500	1906	421	362	477			


PRESSURE(416;106M)
MBAR
400.0
300.0
200.0
100.0
0.0
TEMP.(416;106M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
214.0
(1980)
234.0
254.0
274.0
294.0
314.0
334.0
354.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 AUG/80 - MAR/81


PRESSURE(416;106M)
250.0
200.0
150.0
100.0
MBAR
TEMP.(416;106M)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
DEG.CEL.
214.0
(1980)
234.0
254.0
274.0
294.0
314.0
334.0
354.0
8.0
28.0
48.0
68.0
88.0
DAY
CAPE SABLE C2 AUG/80 - MAR/81

HISTOGRAM OF PRESSURE(416;106M) MBAR

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	21	1.5	**********
20.00	40.00	65	4.6	**********
40.00	60.00	131	9.2	**********
60.00	80.00	160	11.2	**********
80.00	100.00	134	9.4	**********
100.00	120.00	118	8.3	**********
120.00	140.00	112	7.9	**********
140.00	160.00	108	7.6	**********
160.00	180.00	130	9.1	**********
180.00	200.00	155	10.9	**********
200.00	220.00	153	10.7	**********
220.00	240.00	97	6.8	**********
240.00	260.00	34	2.4	**********
260.00	280.00	8	.6	****
280.00	300.00	0	0.0	
300.00	320.00	0	0.0	
320.00	340.00	0	0.0	

TOTAL NO. OF SAMPLES 1426
OUTSIDE RANGE 0

HISTOGRAM OF TEMP.(416;106M) DEG.CEL.

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	0	0.0	
3.00	3.50	0	0.0	
3.50	4.00	2	.1	*
4.00	4.50	35	2.3	**********
4.50	5.00	66	4.4	**********
5.00	5.50	87	5.8	**********
5.50	6.00	130	8.6	**********
6.00	6.50	196	13.0	**********
6.50	7.00	201	13.3	**********
7.00	7.50	144	9.6	**********
7.50	8.00	108	7.2	**********
8.00	8.50	78	5.2	**********
8.50	9.00	57	3.8	**********
9.00	9.50	86	5.7	**********
9.50	10.00	16	1.1	******
10.00	10.50	42	2.8	**********
10.50	11.00	120	8.0	**********
11.00	11.50	124	8.2	**********
11.50	12.00	13	.9	*****

TOTAL NO. OF SAMPLES 1506
OUTSIDE RANGE 1

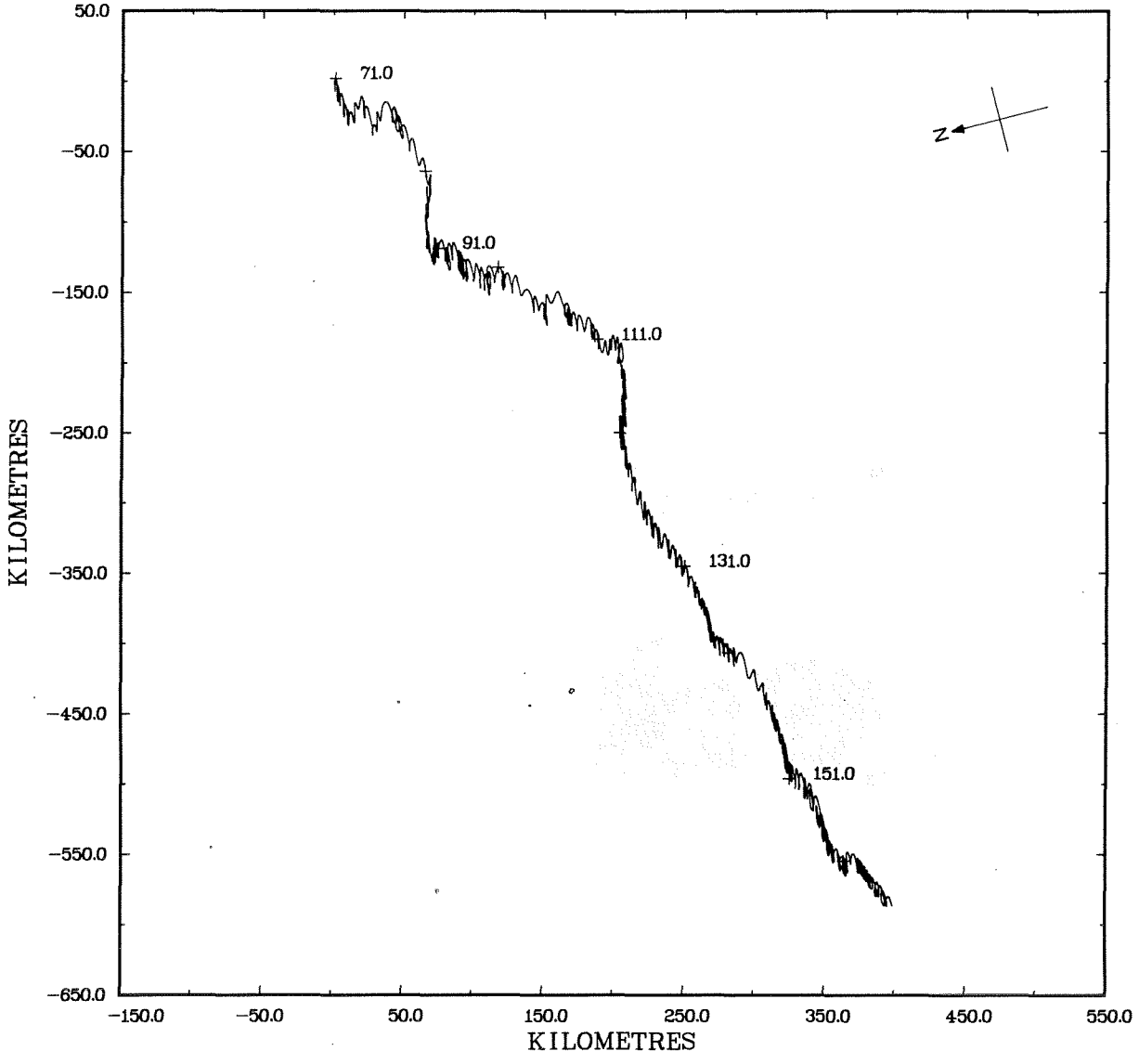
TABLE 11

MOORING SUMMARY, CRUISE 81-004

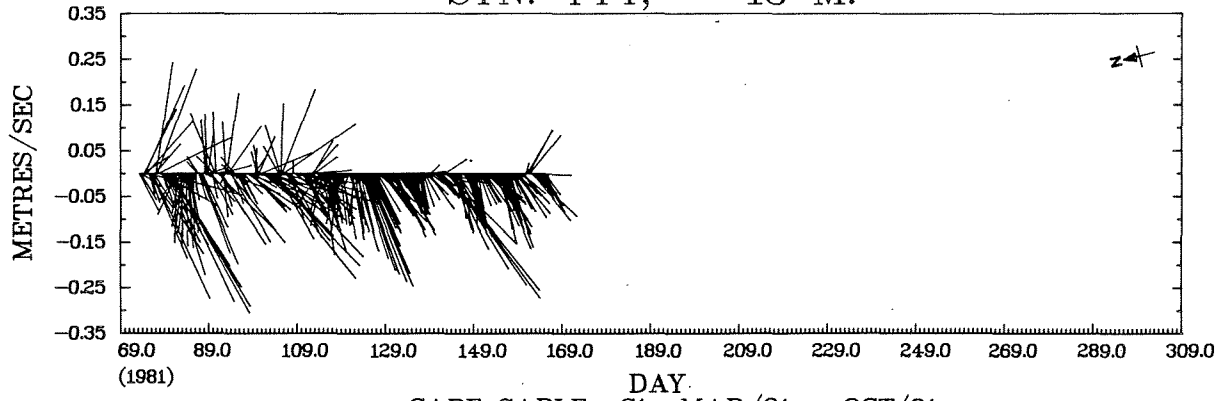
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C1(444)	43°11.70'N	65°42.20'W	0498	V	15	60	Rotor and vane broken on day 168, 1980.
			0495	V	30	60	
			1607	A	40	60	Instrument stopped for 8 hours on day 108, 1981 and for 25.5 hours on day 251, 1981. Possibly caused by dirt in the channel changer switch.
			4208	A	50	60	Battery went dead on day 155, 1981.
			4406	A	55	60	
			5001	A	57	60	Salinity had to be interpolated for 4.5 hours on day 276, 1981 and for 5 hours on day 281, 1981. Salinity was low and had to be increased by .25 ppt for 25 hours starting on day 278, 1981. Salinity was given a mean value of 31.25 for 17 hours starting on day 288, 1981.
C2(445)	43°03.30'N	65°45.30'W	0497	V	15	110	Direction did not record from day 131 to day 144, 1981 and from day 184 to day 274, 1981. Instrument was covered with heavy hairy marine growth.
			1951	A	50	110	Encoder motor failed, no data.
			2037	A	90	110	Instrument stopped cycling for 9 hours on day 254, 9.5 hours on day 260, 4.5 hours on day 264 and for 19.5 hours on day 274, 1981.
			3306	A	100	110	Salinity had to be interpolated for 2 hours on day 264, 2 hours on day 277, 3.5 hours on day 280, 1981.
			4195	A	105	110	Battery went dead on day 99, 1981.
			4202	A	107	110	Battery went dead on day 86, 1981.
			380	TG	110	110	

A = AANDERAA CURRENT METER V = VACM CURRENT METER TG = AANDERAA TIDE GAUGE

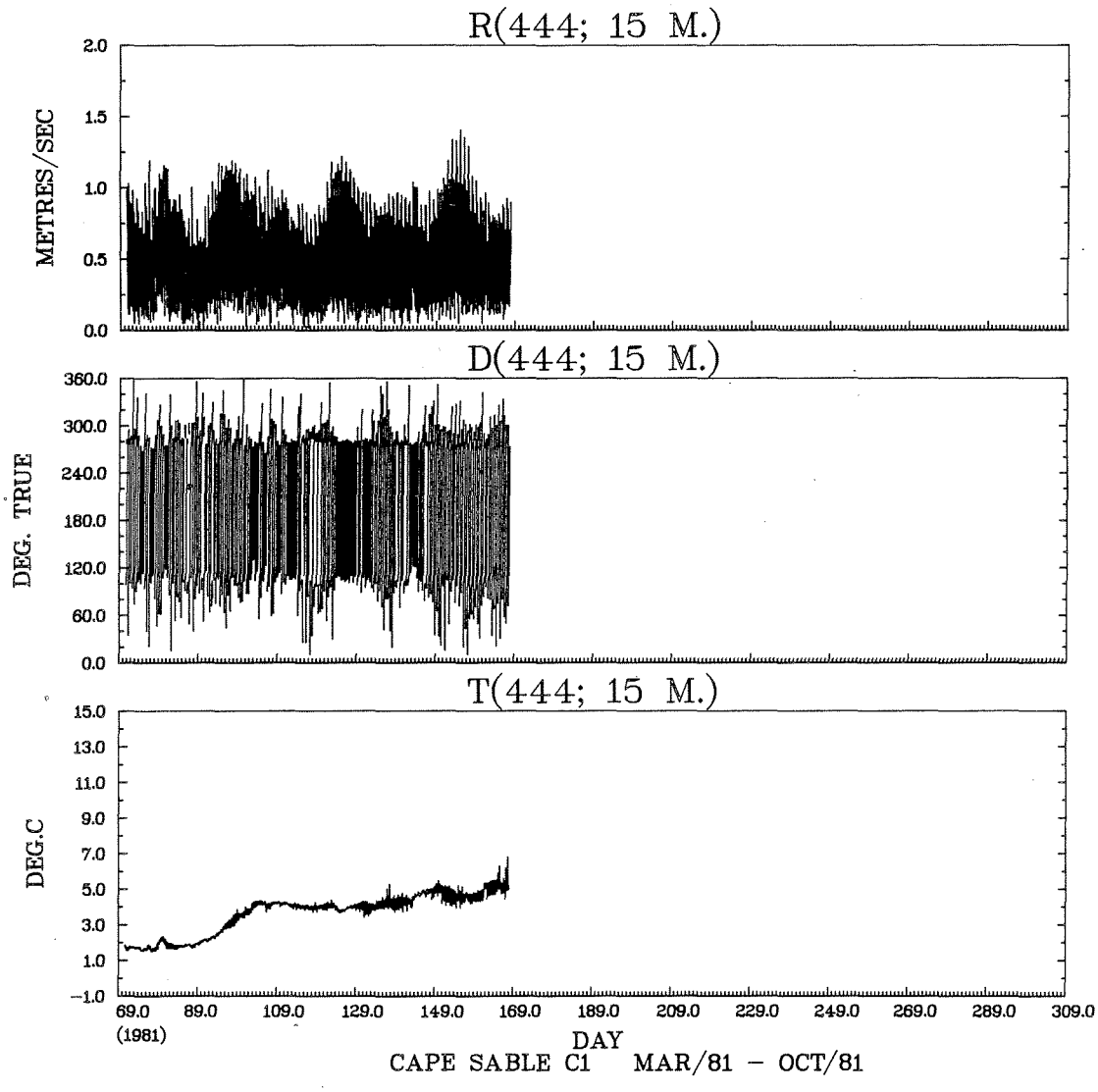
STN. 444, 15 M.

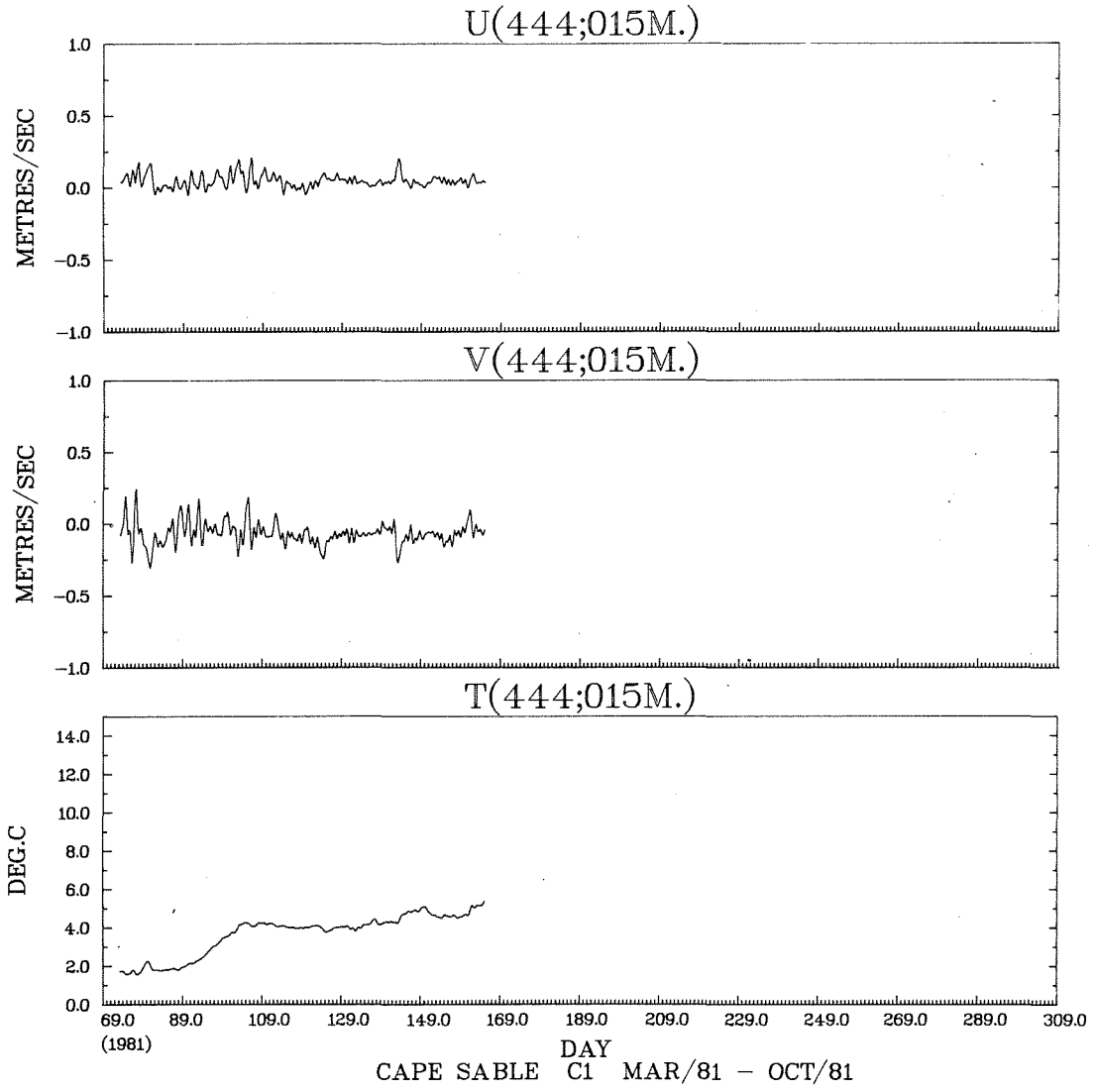


STN. 444, 15 M.



CAPE SABLE C1 MAR/81 – OCT/81


R(444; 15 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(444; 15 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(444; 15 M.)
DEG.C
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81


U(444;015M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(444;015M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(444;015M.)
DEG.C
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 – OCT/81

JOINT DISTRIBUTION (PERCENT)

VD(444;015M.) VS VS(444;015M.)

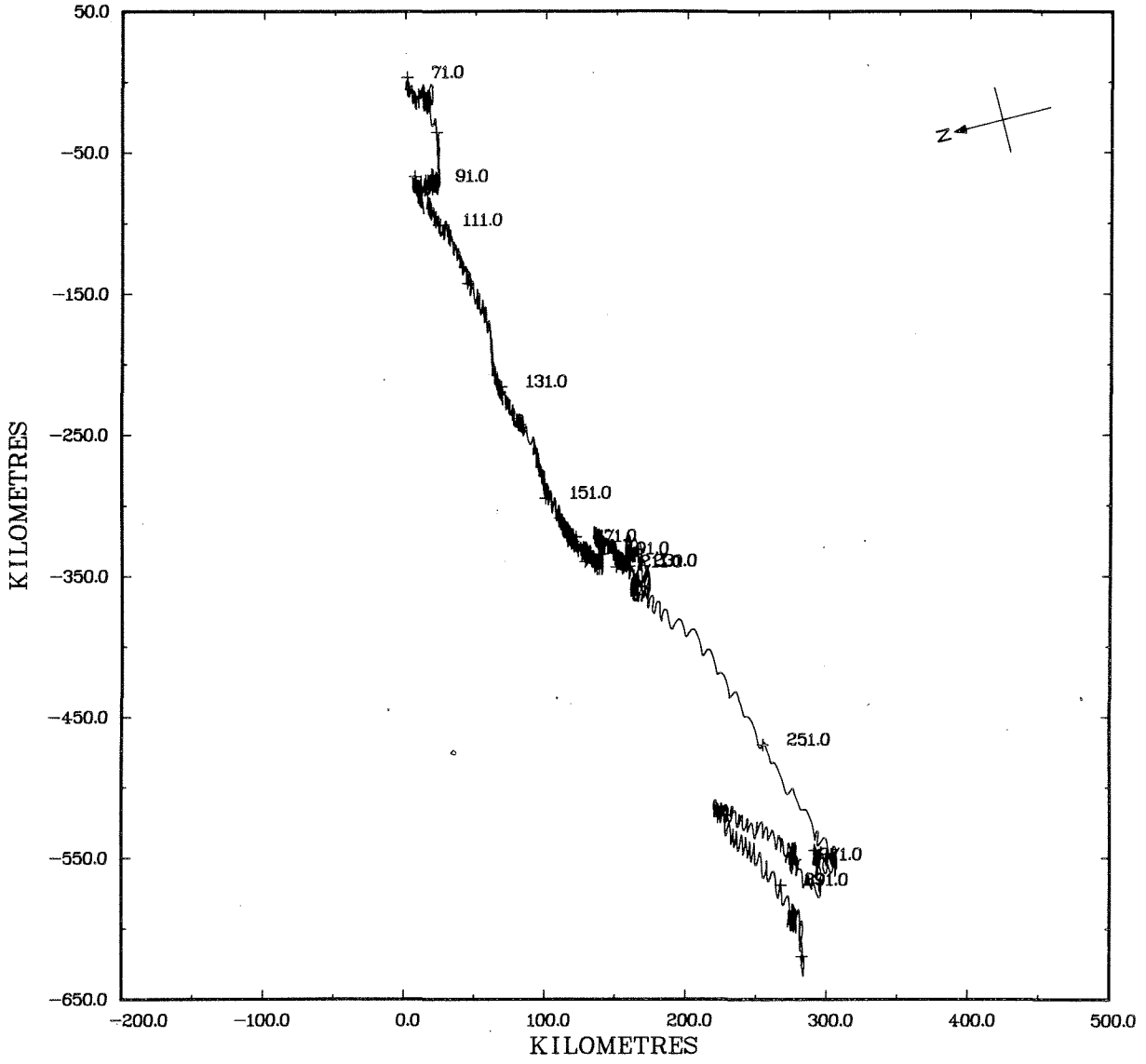
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50	1	*										.0		
1.30 TO	1.40	5	*										.2		
1.20 TO	1.30	3	*										.1		
1.10 TO	1.20	38	*				.5					.1	1.0		
1.00 TO	1.10	81	*				.7						2.7		
.90 TO	1.00	128	*				2.1					.3	3.1		
.80 TO	.90	222	*				3.7					.5	5.3		
.70 TO	.80	251	*				5.0	.0				.3	5.5		
.60 TO	.70	271	*			.1	5.2	.2				.6	5.5		
.50 TO	.60	273	*			.4	4.6	.7				.9	5.0	.0	
.40 TO	.50	268	*			.6	4.6	1.0				1.2	4.0	.1	
.30 TO	.40	231	*			1.0	2.1	1.4	.2	.1	.2	1.4	3.0	.5	
.20 TO	.30	236	*		.1	.8	1.9	1.4	.6	.2	.5	1.7	1.9	.9	.2
.10 TO	.20	251	*	.3	.9	.9	1.1	1.5	.9	.7	1.1	1.0	1.2	.7	.4
-.00 TO	.10	76	*	.2	.2	.1	.5	.3	.3	.3	.2	.3	.5	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		2335	0	11	28	89	746	154	47	29	47	193	912	58	21

HISTOGRAM OF T(444;015M.) DEG.C

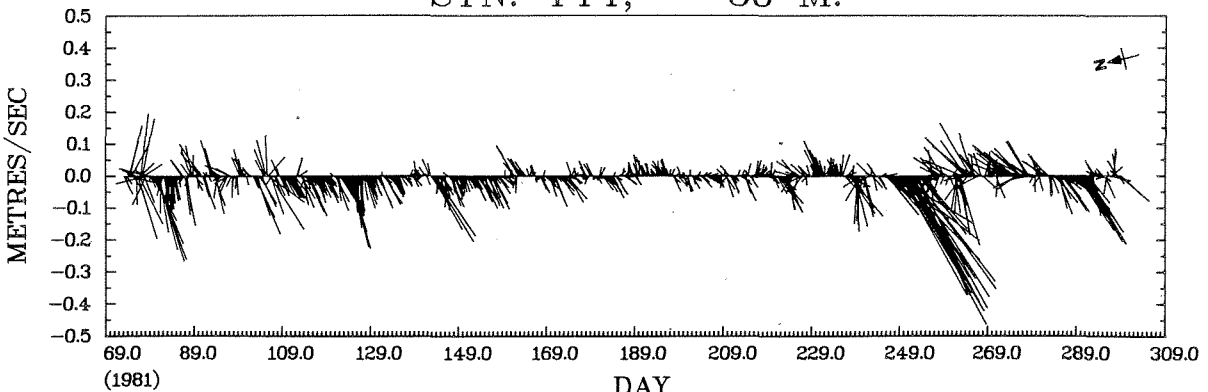
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	414	17.7	**********
2.00	2.50	154	6.6	**********
2.50	3.00	70	3.0	*********
3.00	3.50	62	2.7	********
3.50	4.00	390	16.7	**********
4.00	4.50	721	30.9	**********
4.50	5.00	357	15.3	**********
5.00	5.50	153	6.6	**********
5.50	6.00	10	.4	**
6.00	6.50	2	.1	*
6.50	7.00	2	.1	*
7.00	7.50	0	0.0	
7.50	8.00	0	0.0	
8.00	8.50	0	0.0	
8.50	9.00	0	0.0	
9.00	9.50	0	0.0	
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	
12.00	12.50	0	0.0	
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 2335
OUTSIDE RANGE 0

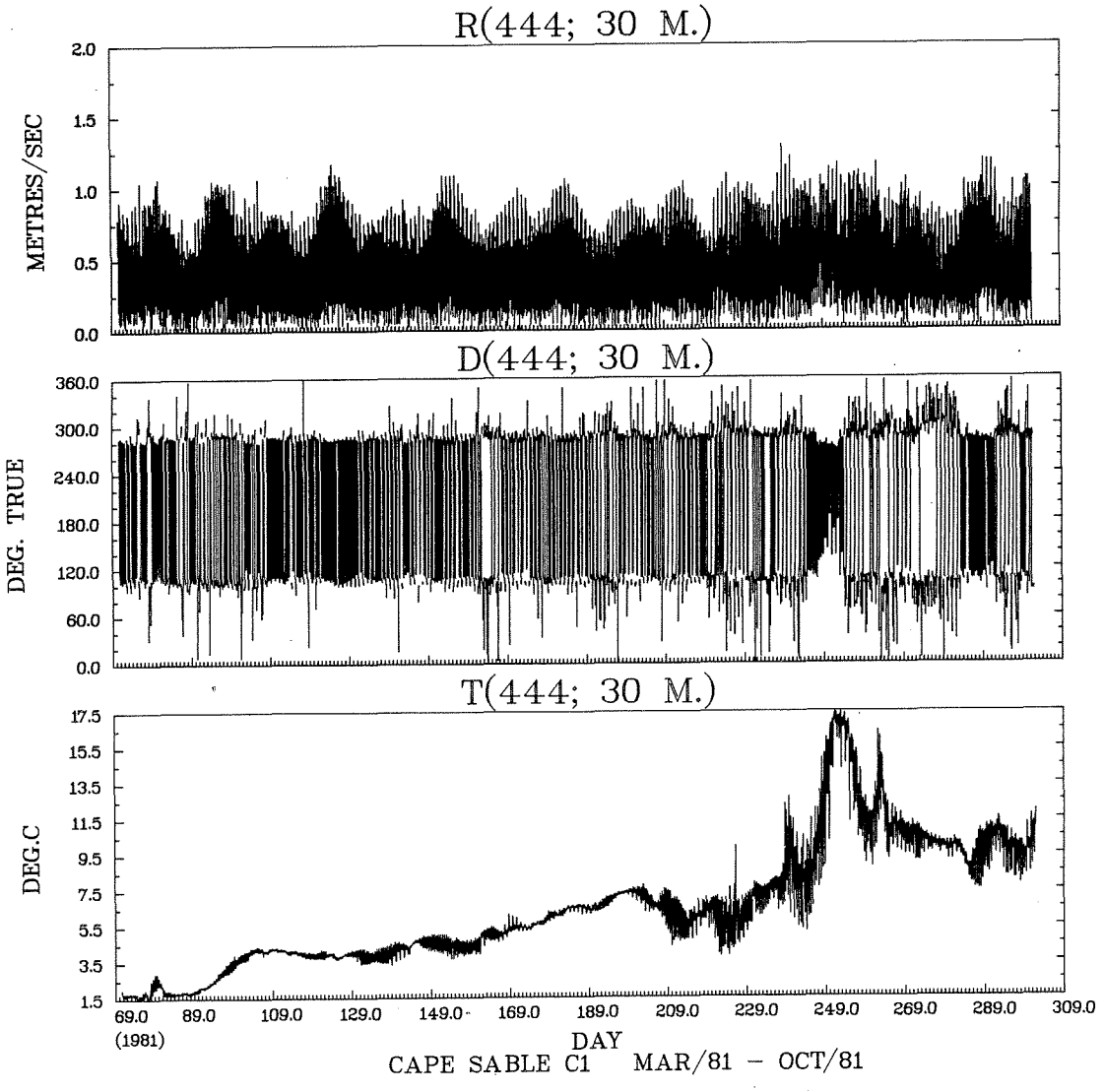
STN. 444, 30 M.

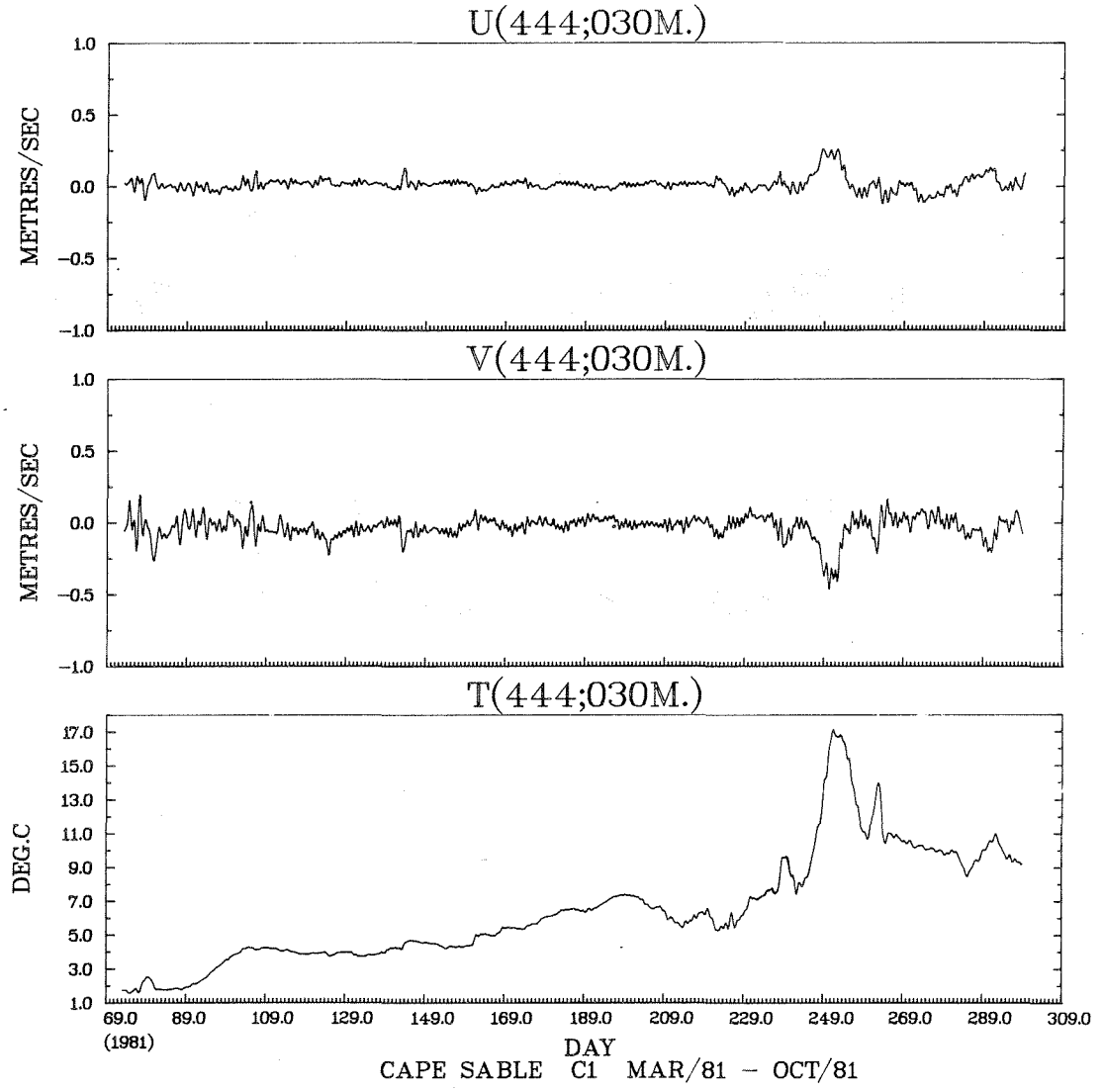


STN. 444, 30 M.



CAPE SABLE C1 MAR/81 – OCT/81

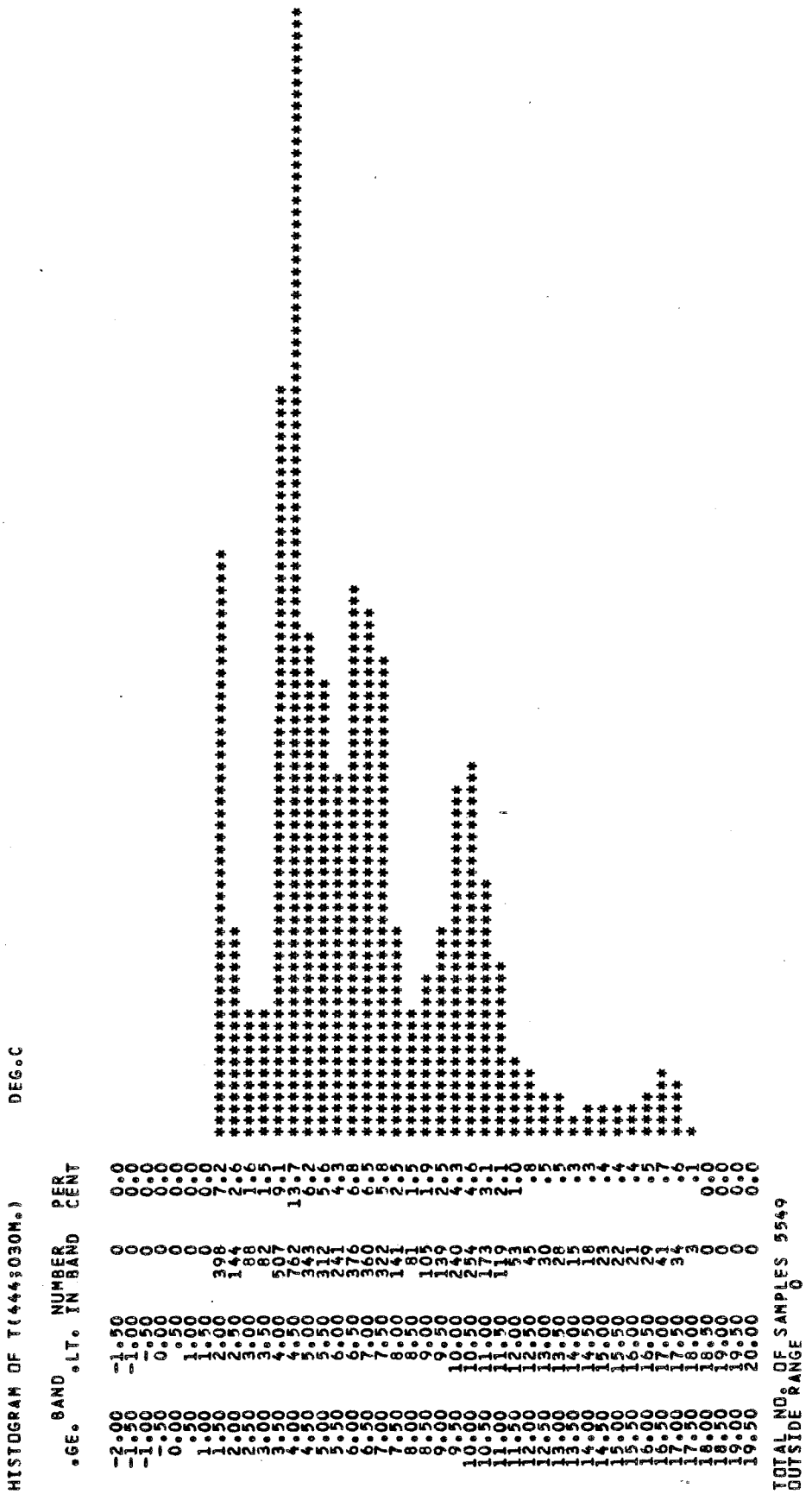

R(444; 30 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(444; 30 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(444; 30 M.)
DEG.C
17.5
15.5
13.5
11.5
9.5
7.5
5.5
3.5
1.5
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81


U(444;030M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(444;030M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(444;030M.)
DEG.C
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81

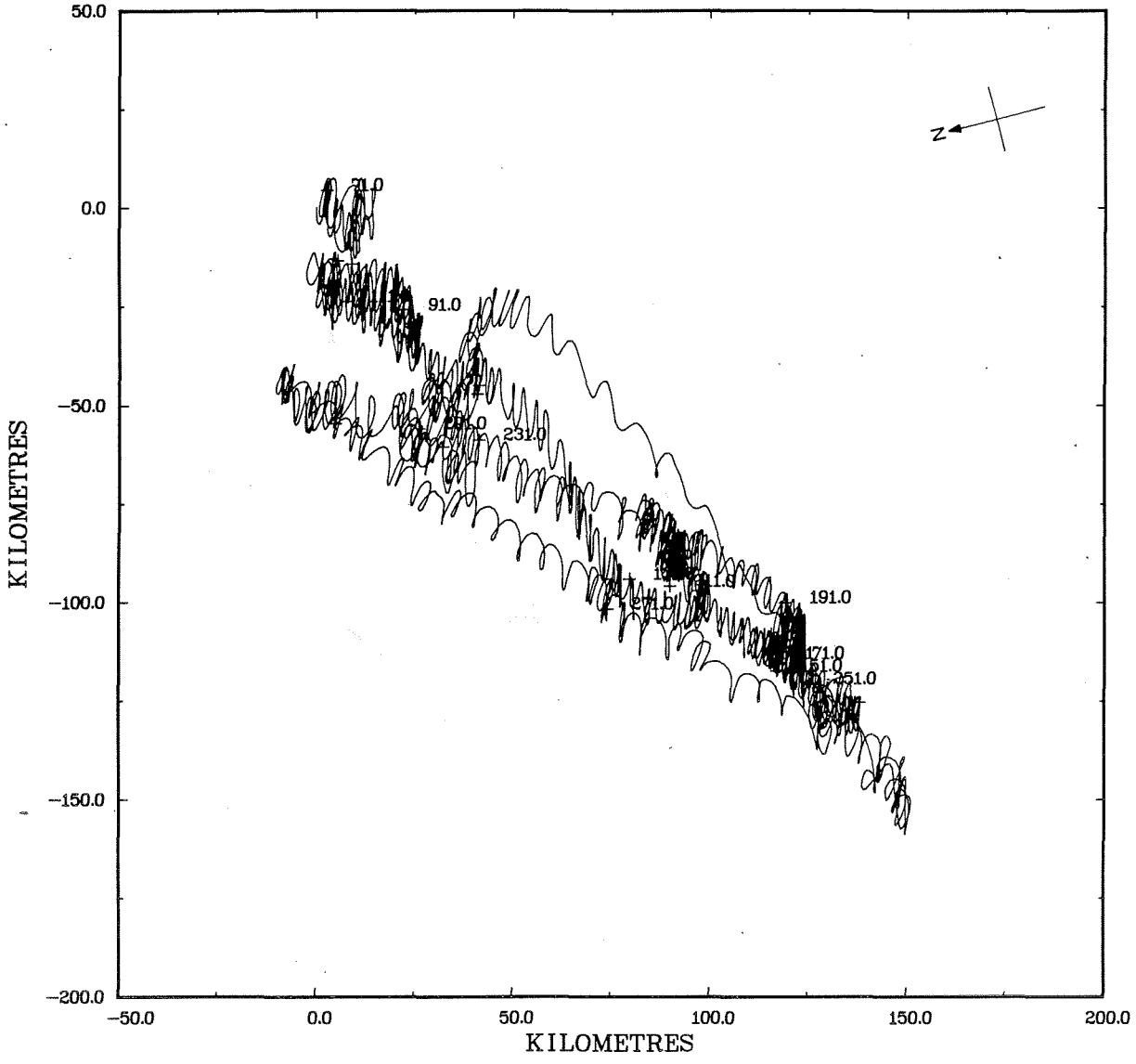
JOINT DISTRIBUTION (PERCENT)

VD(444;030M.) VS VS(444;030M.)

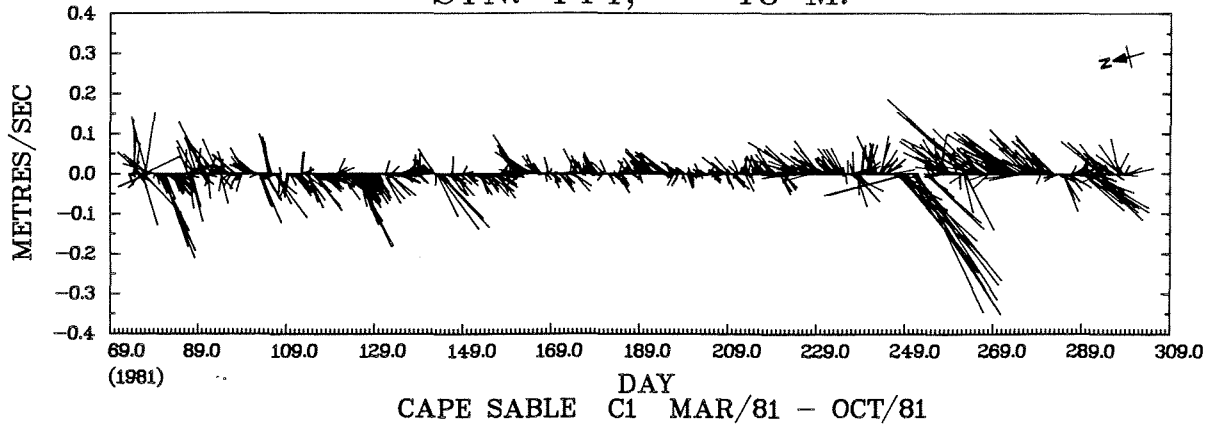
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	2	*										.0		
1.10 TO	1.20	15	*				.0					.0	.2		
1.00 TO	1.10	104	*				.5					.1	1.2		
.90 TO	1.00	221	*				1.6					.0	2.3		
.80 TO	.90	363	*			.0	3.0	.0				.2	3.3		
.70 TO	.80	595	*			.0	5.2	.1				.1	5.3		
.60 TO	.70	701	*			.0	6.1	.2				.2	6.1	.1	
.50 TO	.60	762	*			.1	5.9	.4	.0			.2	6.9	.2	
.40 TO	.50	642	*			.1	5.0	.5	.1	.0	.0	.3	5.3	.3	
.30 TO	.40	583	*		.0	.3	3.8	.8	.1		.1	.6	4.4	.5	
.20 TO	.30	613	*	.0	.1	.6	3.5	1.1	.3	.3	.3	.9	3.4	.6	.1
.10 TO	.20	569	*	.2	.3	.6	2.0	1.5	.4	.3	.4	1.2	2.3	.8	.4
-.00 TO	.10	372	*	.4	.3	.5	.5	.6	.6	.8	.7	.6	.7	.5	.3
OUT OF RANGE		0	0												
SUB TOTAL		5549	0	32	38	124	2070	290	73	76	82	247	2307	167	43


HISTOGRAM OF T(444,030M.)
DEG.C
.GE. BAND .LT. NUMBER IN BAND PER CENT
TOTAL NO. OF SAMPLES 5549
OUTSIDE RANGE 0

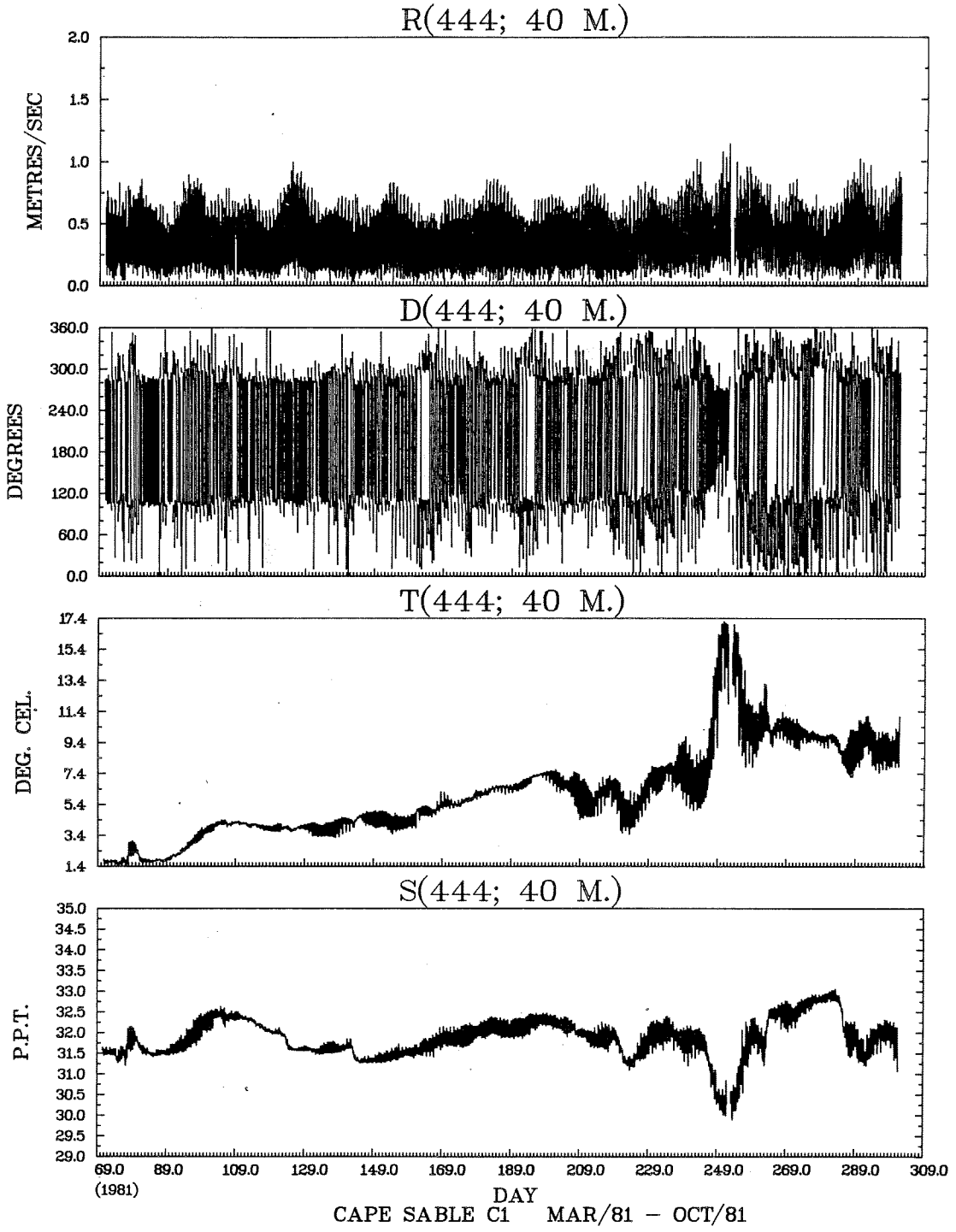
STN. 444, 40 M.

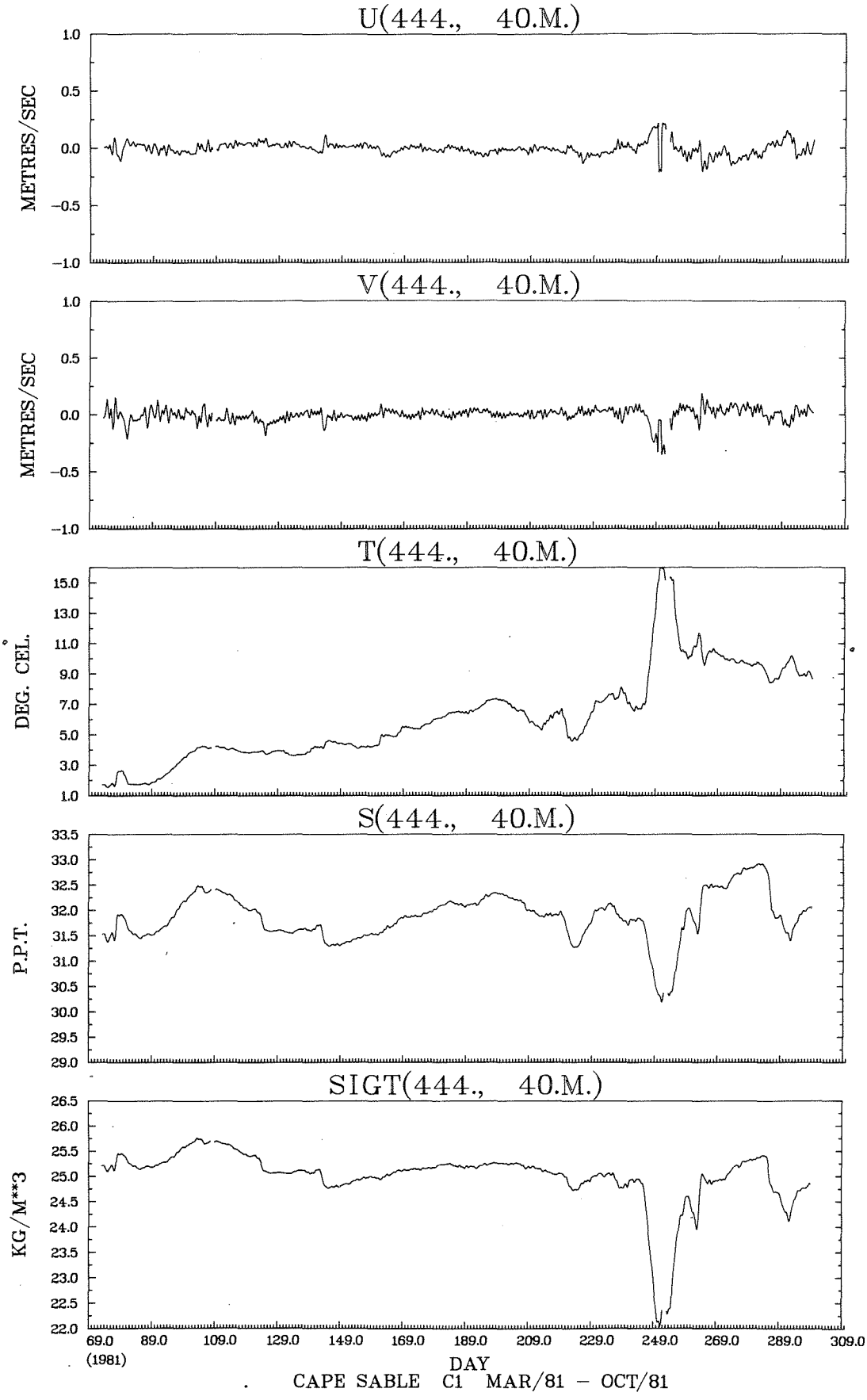


STN. 444, 40 M.



CAPE SABLE C1 MAR/81 – OCT/81


R(444; 40 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(444; 40 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(444; 40 M.)
DEG. CEL.
17.4
15.4
13.4
11.4
9.4
7.4
5.4
3.4
1.4
S(444; 40 M.)
P.P.T.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81


U(444., 40.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(444., 40.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(444., 40.M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
S(444., 40.M.)
P.P.T.
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
SIGT(444., 40.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 − OCT/81

JOINT DISTRIBUTION (PERCENT)

D(444., 40.M.) VS R(444., 40.M.)

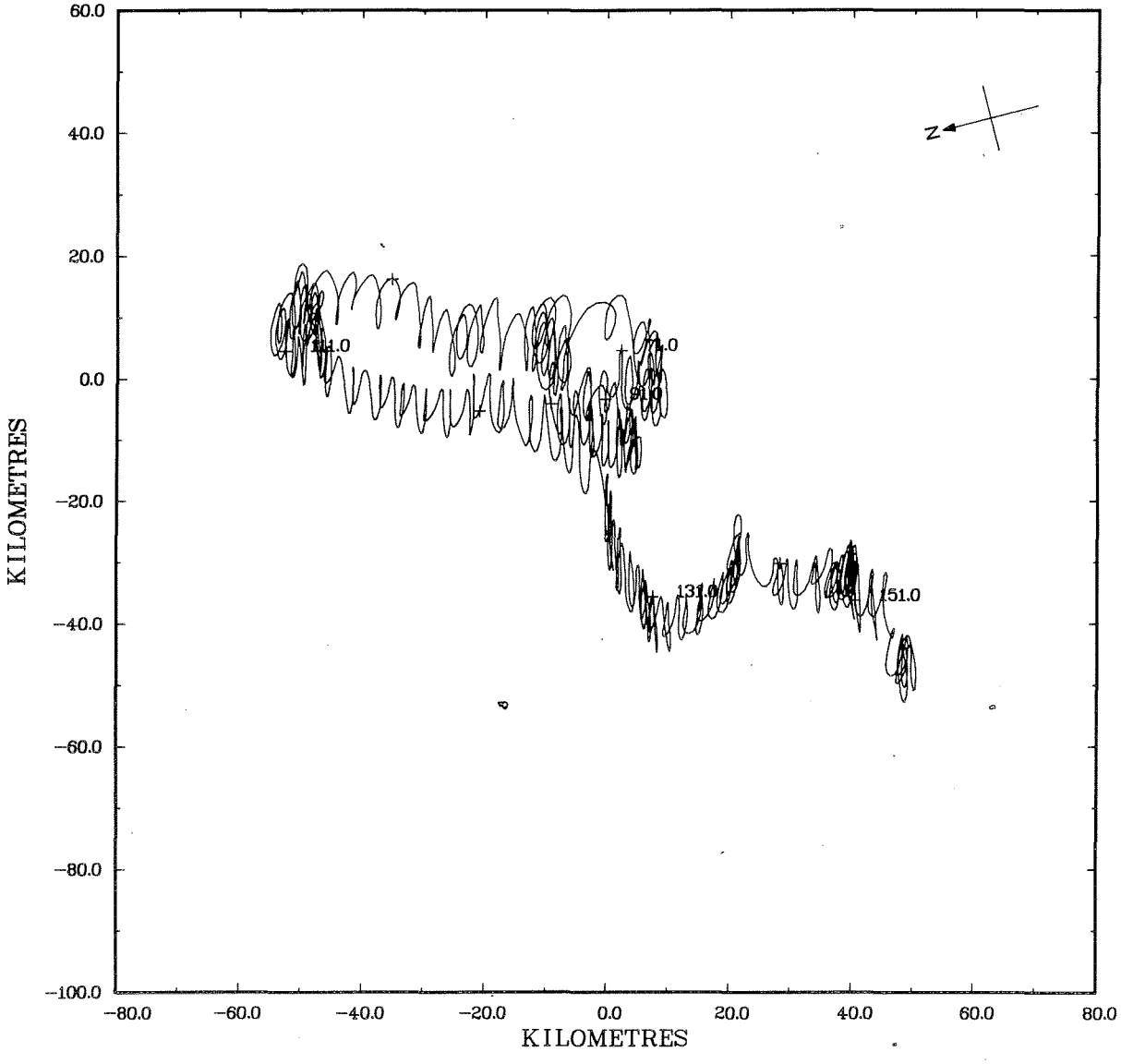
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	2	*									.0	.0		
1.00 TO	1.10	5	*				.0					.1	.0		
.90 TO	1.00	22	*				.1	.1				.1	.2		
.80 TO	.90	112	*			.0	.9	.2				.1	.8		
.70 TO	.80	326	*			.1	2.5	.5				.2	2.6	.0	
.60 TO	.70	702	*			.1	5.7	.7				.1	5.9	.2	
.50 TO	.60	932	*		.0	.4	7.0	1.1	.0			.2	6.9	1.2	
.40 TO	.50	895	*		.1	.4	5.6	1.9	.0			.2	5.8	2.0	.1
.30 TO	.40	798	*	.3	.3	.5	3.7	1.6	.1	.0	.1	.6	4.7	1.9	.5
.20 TO	.30	707	*	.4	.3	.7	2.4	1.7	.5	.2	.3	1.2	3.0	1.6	.5
.10 TO	.20	714	*	.4	.4	1.2	1.2	2.2	1.3	.5	.7	1.6	1.5	1.4	.6
-.00 TO	.10	298	*	.6	.5	.4	.1	.2	.6	.9	.6	.5	.1	.3	.6
OUT OF RANGE		34	34												
SUB TOTAL		5547	34	93	97	210	1620	562	140	87	93	266	1742	476	127

JOINT DISTRIBUTION (PERCENT)

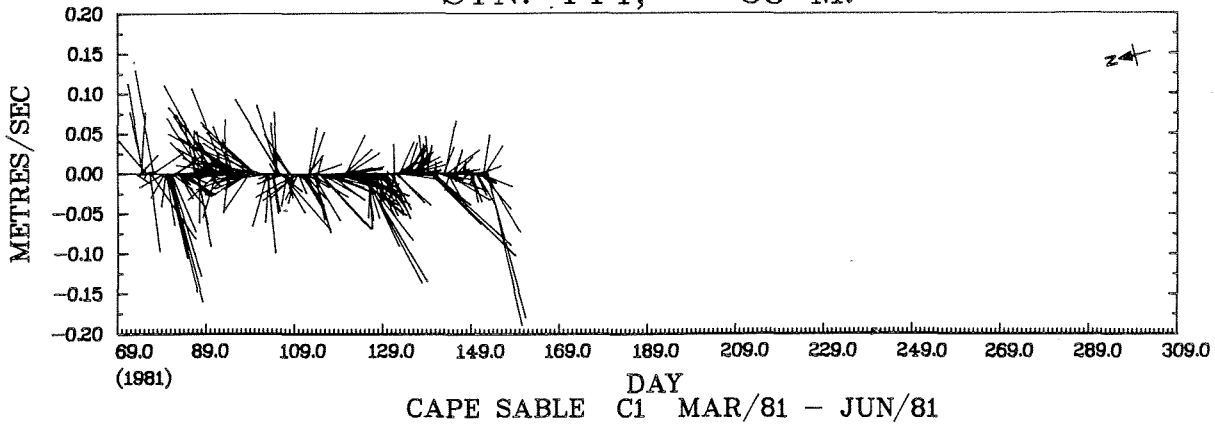
T(444., 40.M.) VS S(444., 40.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50	7	*						.1				
32.50 TO 33.00	435	*			.7		.6	6.5				
32.00 TO 32.50	1772	*		.5	10.0	10.7	7.9	2.7	.1			
31.50 TO 32.00	2309	*		7.7	13.7	11.6	3.9	3.9	.8			
31.00 TO 31.50	818	*		3.1	7.4	1.3	.6	1.7	.6	.0		
30.50 TO 31.00	80	*						.1	.6	.6	.1	
30.00 TO 30.50	88	*								.3	1.2	.1
29.50 TO 30.00	4	*									.1	
29.00 TO 29.50		*										
OUT OF RANGE	34	34										
SUB TOTAL	5547	34		625	1763	1314	724	831	123	54	73	6

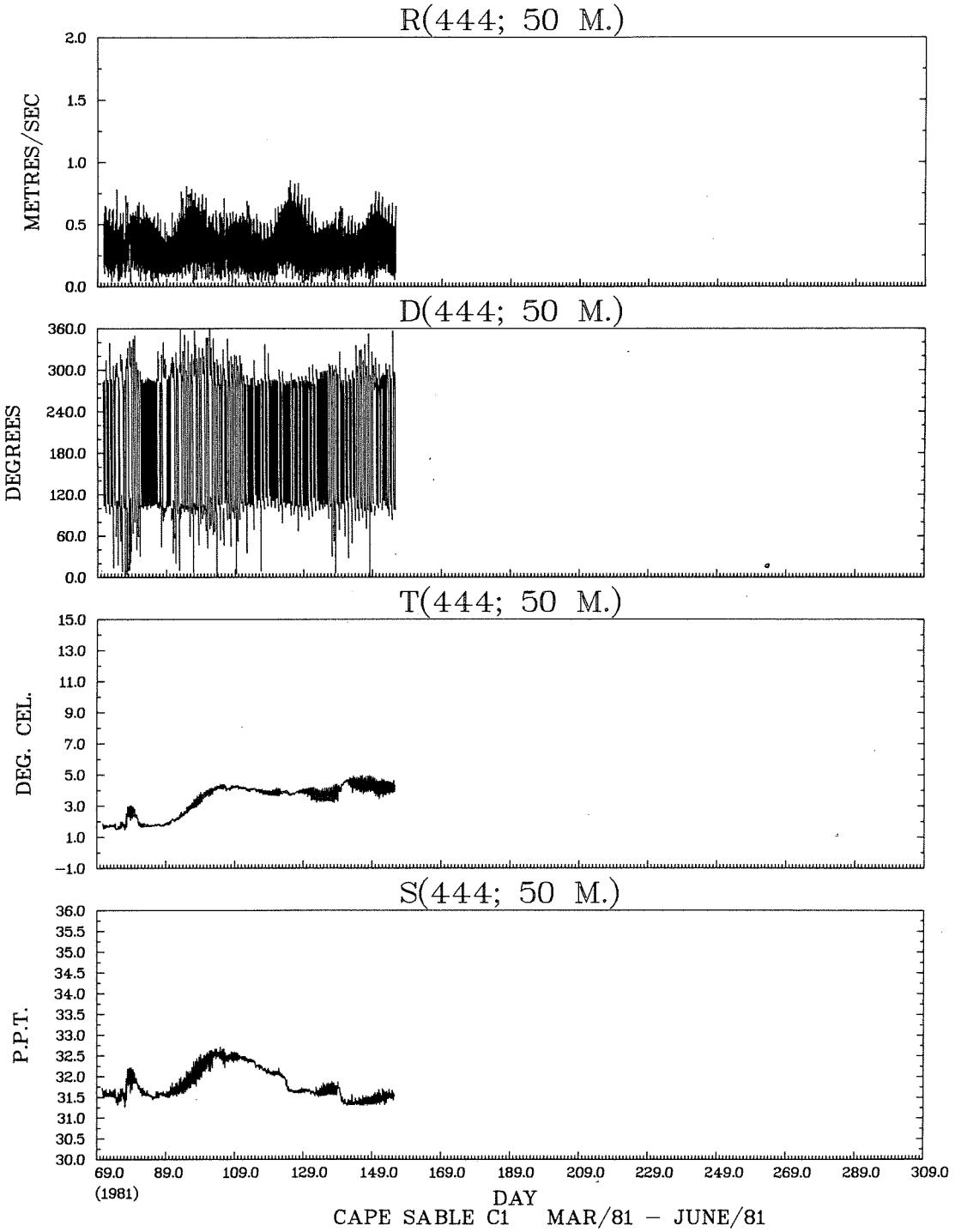
STN. 444, 50 M.

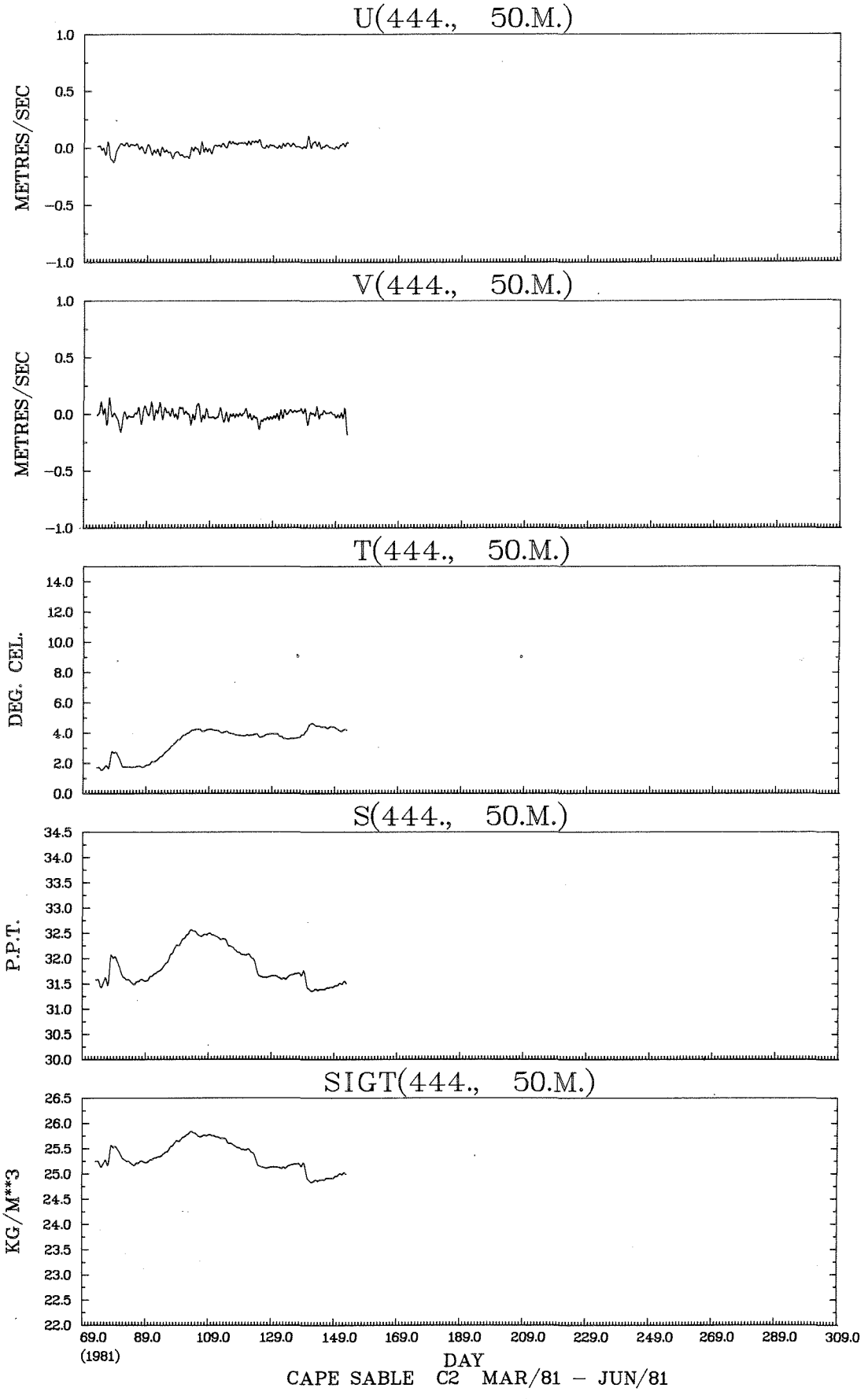


STN. 444, 50 M.



CAPE SABLE C1 MAR/81 - JUN/81


R(444; 50 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(444; 50 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(444; 50 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(444; 50 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - JUNE/81


U(444., 50.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(444., 50.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(444., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(444., 50.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(444., 50.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 – JUN/81

JOINT DISTRIBUTION (PERCENT)

D(444., 50.M.) VS R(444., 50.M.)

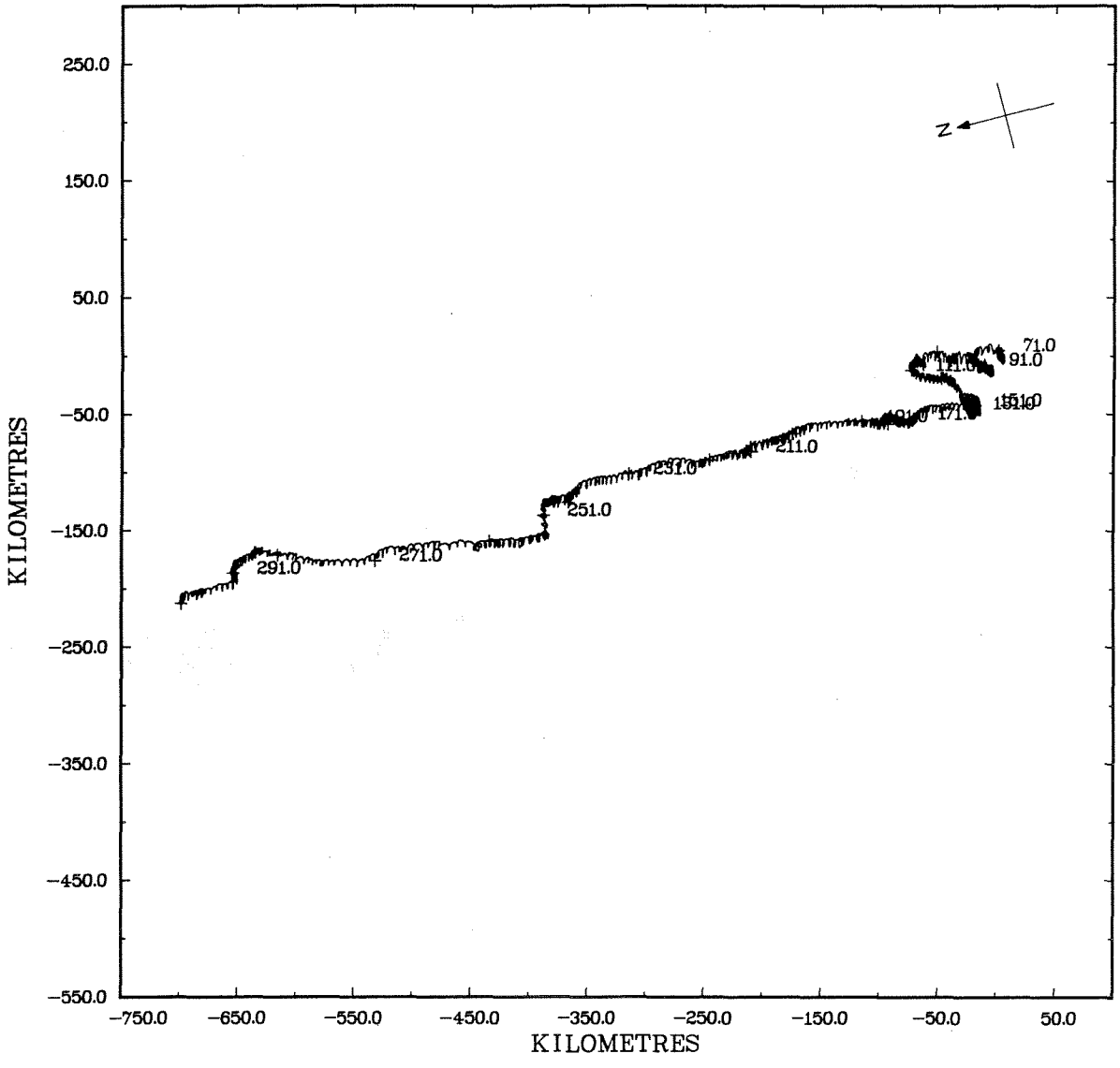
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	4	*				.1						.0		
.70 TO	.80	39	*				1.4						.5		
.60 TO	.70	134	*			.0	3.1					.0	3.2	.2	
.50 TO	.60	352	*			.0	8.0	.1				.1	8.4	.5	
.40 TO	.50	432	*	.0		.1	8.8	1.0				.3	9.1	1.8	.0
.30 TO	.40	349	*		.0	.4	6.1	2.0	.0			.5	6.8	1.2	.1
.20 TO	.30	287	*	.0	.0	.6	3.6	2.2	.4		.1	1.8	4.0	1.0	.3
.10 TO	.20	318	*	.2	.4	1.0	1.8	2.4	1.3	.5	1.0	2.5	2.0	1.8	.6
-.00 TO	.10	126	*	.5	.6	.3	.1	.8	.7	.9	1.1	.5	.2	.3	.1
OUT OF RANGE		0	0												
SUB TOTAL		2041	0	17	22	54	674	174	49	28	46	117	697	138	25

JOINT DISTRIBUTION (PERCENT)

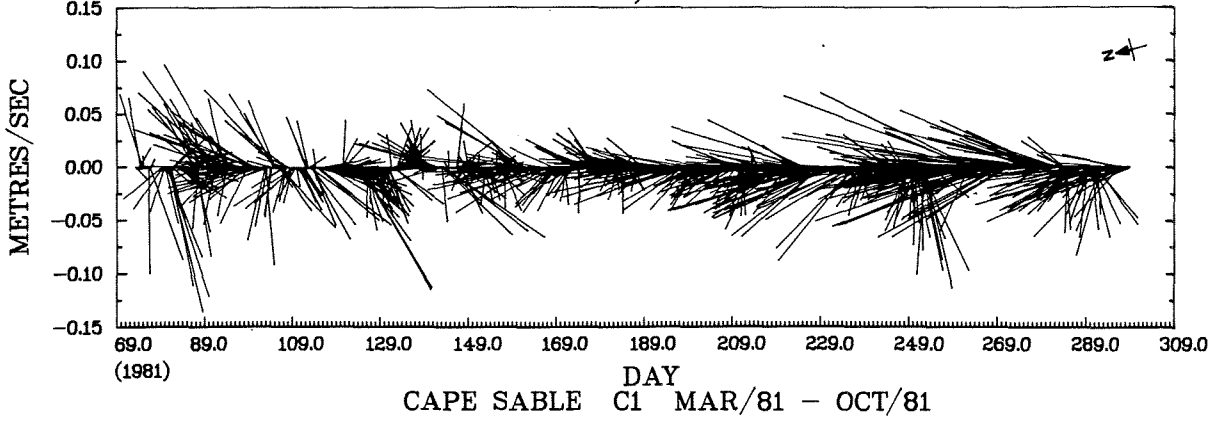
T(444., 50.M.) VS S(444., 50.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	116	*			5.7							
32.00 TO	32.50	547	*		2.1	24.7							
31.50 TO	32.00	1032	*		25.1	25.5							
31.00 TO	31.50	346	*		3.5	13.4							
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2041	0		626	1415							

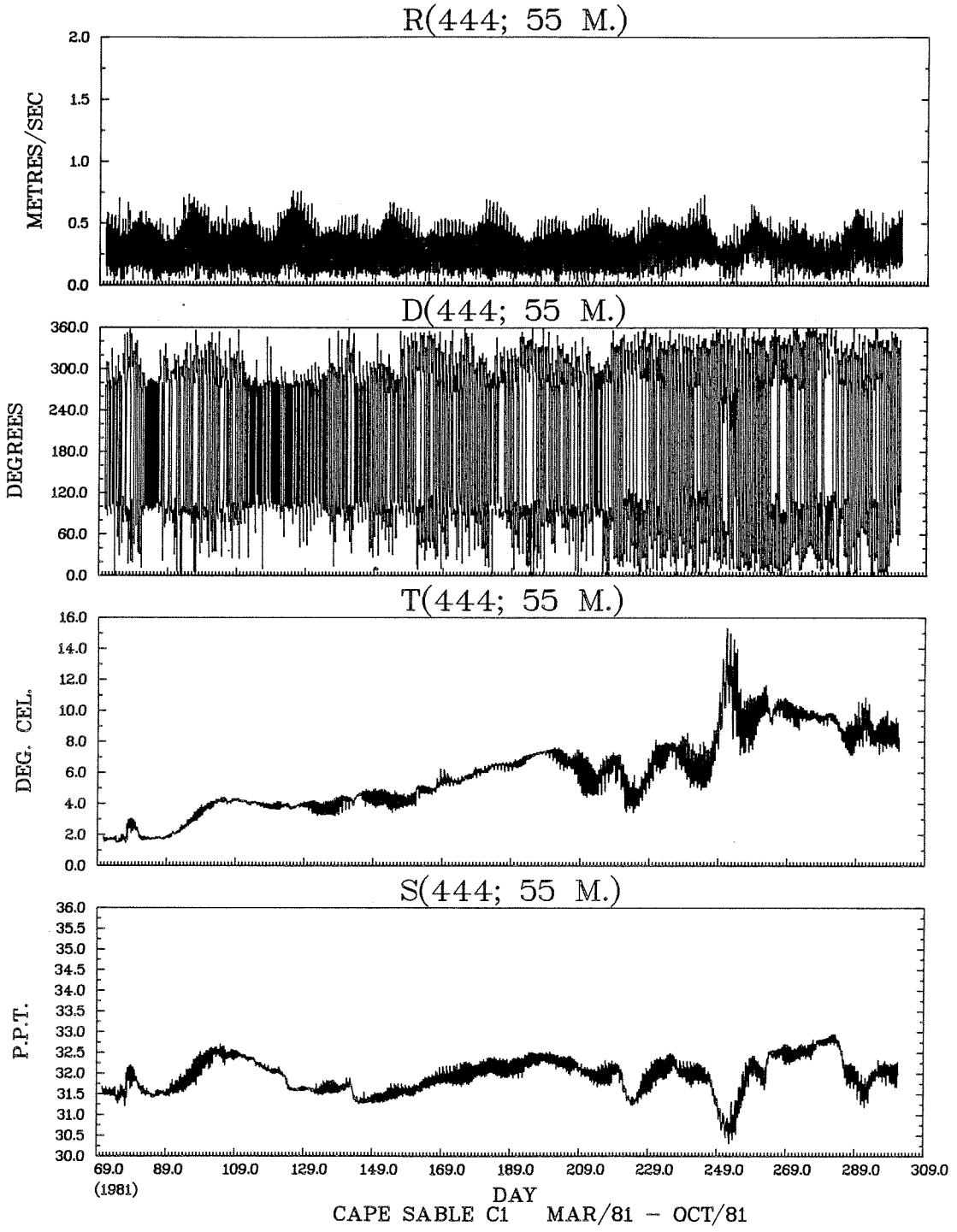
STN. 444, 55 M.

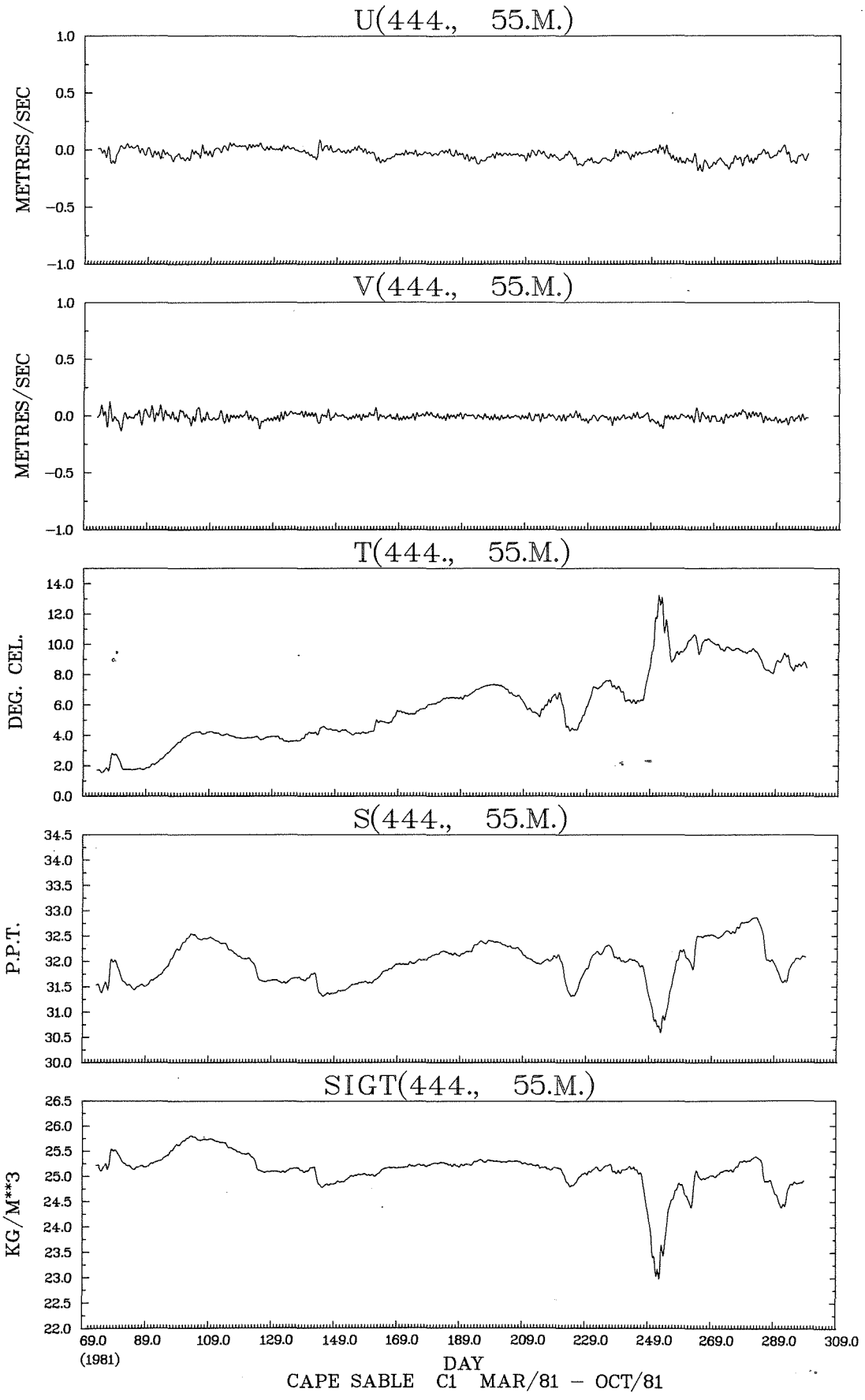


STN. 444, 55 M.



CAPE SABLE C1 MAR/81 − OCT/81


R(444; 55 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(444; 55 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(444; 55 M.)
DEG. CEL.
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(444; 55 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
69.0 89.0 109.0 129.0 149.0 169.0 189.0 209.0 229.0 249.0 269.0 289.0 309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81


U(444., 55.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(444., 55.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(444., 55.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(444., 55.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(444., 55.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0 89.0 109.0 129.0 149.0 169.0 189.0 209.0 229.0 249.0 269.0 289.0 309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81

JOINT DISTRIBUTION (PERCENT)

D(444., 55.M.) VS R(444., 55.M.)

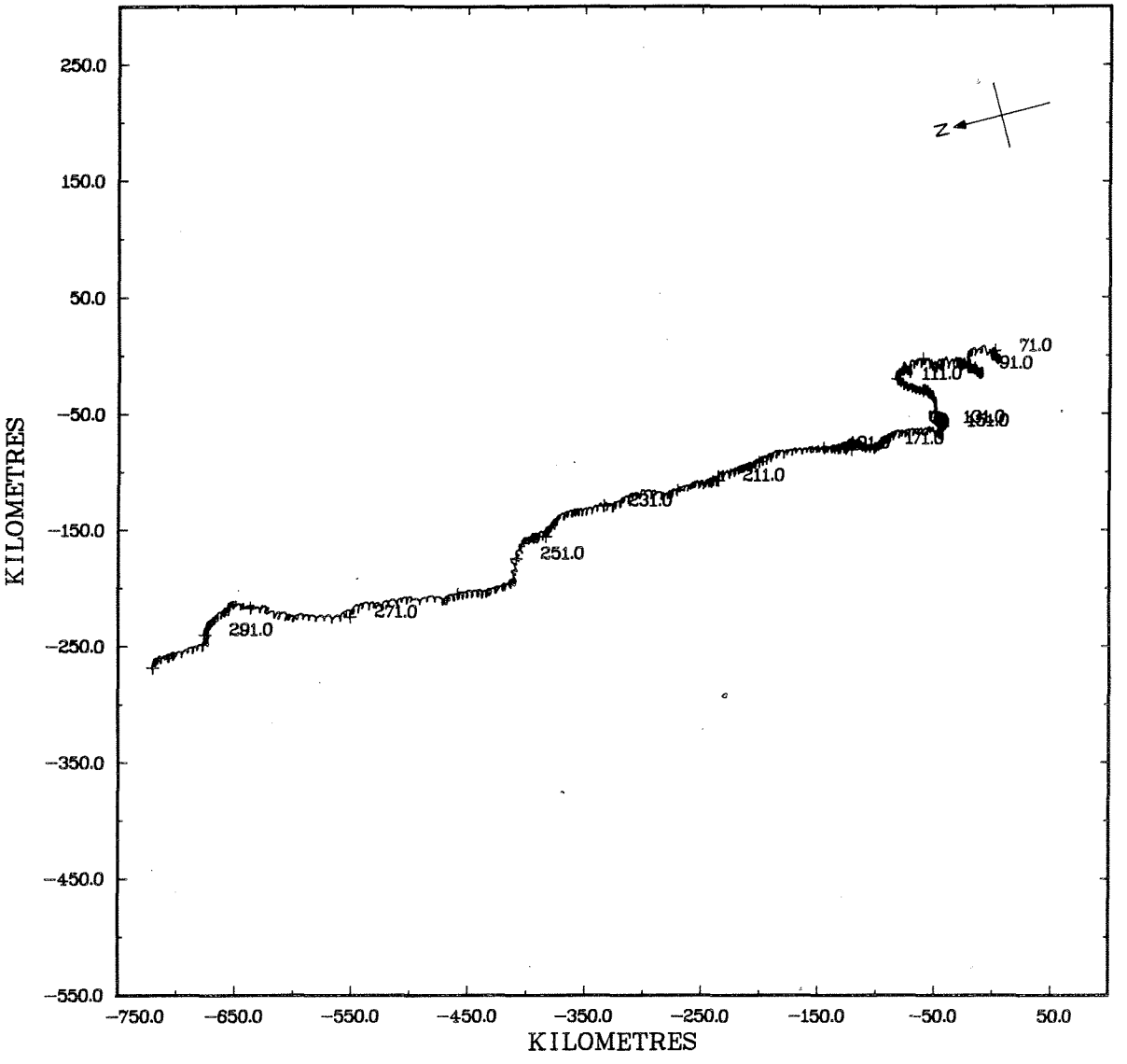
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	12	*				.2						.0		
.60 TO	.70	95	*			.1	1.0	.0					.6		
.50 TO	.60	475	*		.0	.4	3.5	.2				.1	3.9	.3	.0
.40 TO	.50	1248	*	.2	.3	1.3	8.2	.4				.4	9.0	2.3	.5
.30 TO	.40	1497	*	.9	.6	1.9	8.0	1.6	.0	.0	.1	1.1	7.5	3.9	1.4
.20 TO	.30	1062	*	1.0	1.0	2.2	3.6	1.8	.3	.1	.3	1.9	3.6	2.1	1.4
.10 TO	.20	851	*	.7	.9	1.9	1.2	2.0	1.0	.7	.9	2.1	1.7	1.4	.9
-.00 TO	.10	305	*	.6	.6	.3	.0	.5	.7	.6	.9	.4	.0	.3	.5
OUT OF RANGE		0	0												
SUB TOTAL		5545	0	180	189	442	1428	359	111	78	127	333	1466	572	260

JOINT DISTRIBUTION (PERCENT)

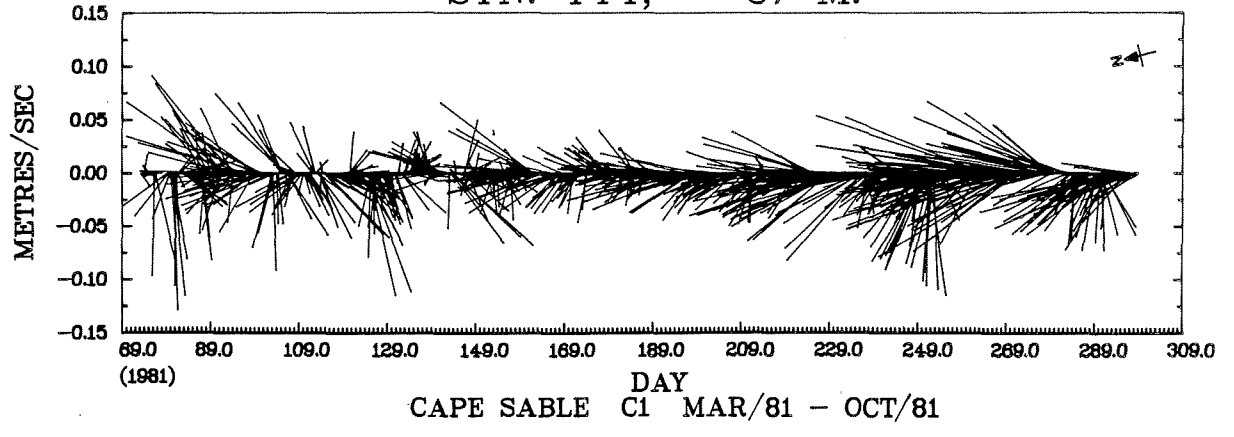
T(444., 55.M.) VS S(444., 55.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	507	*			1.8		.9	6.5				
32.00 TO	32.50	2177	*		.6	10.2	14.6	10.1	3.8				
31.50 TO	32.00	2141	*		7.9	14.9	8.6	4.5	2.5	.3			
31.00 TO	31.50	619	*		2.7	6.0	.5	.7	1.3	.0			
30.50 TO	31.00	93	*						.3	1.0	.4	.0	
30.00 TO	30.50	8	*								.1	.0	
OUT OF RANGE		0	0										
SUB TOTAL		5545	0		621	1823	1307	898	793	73	27	3	

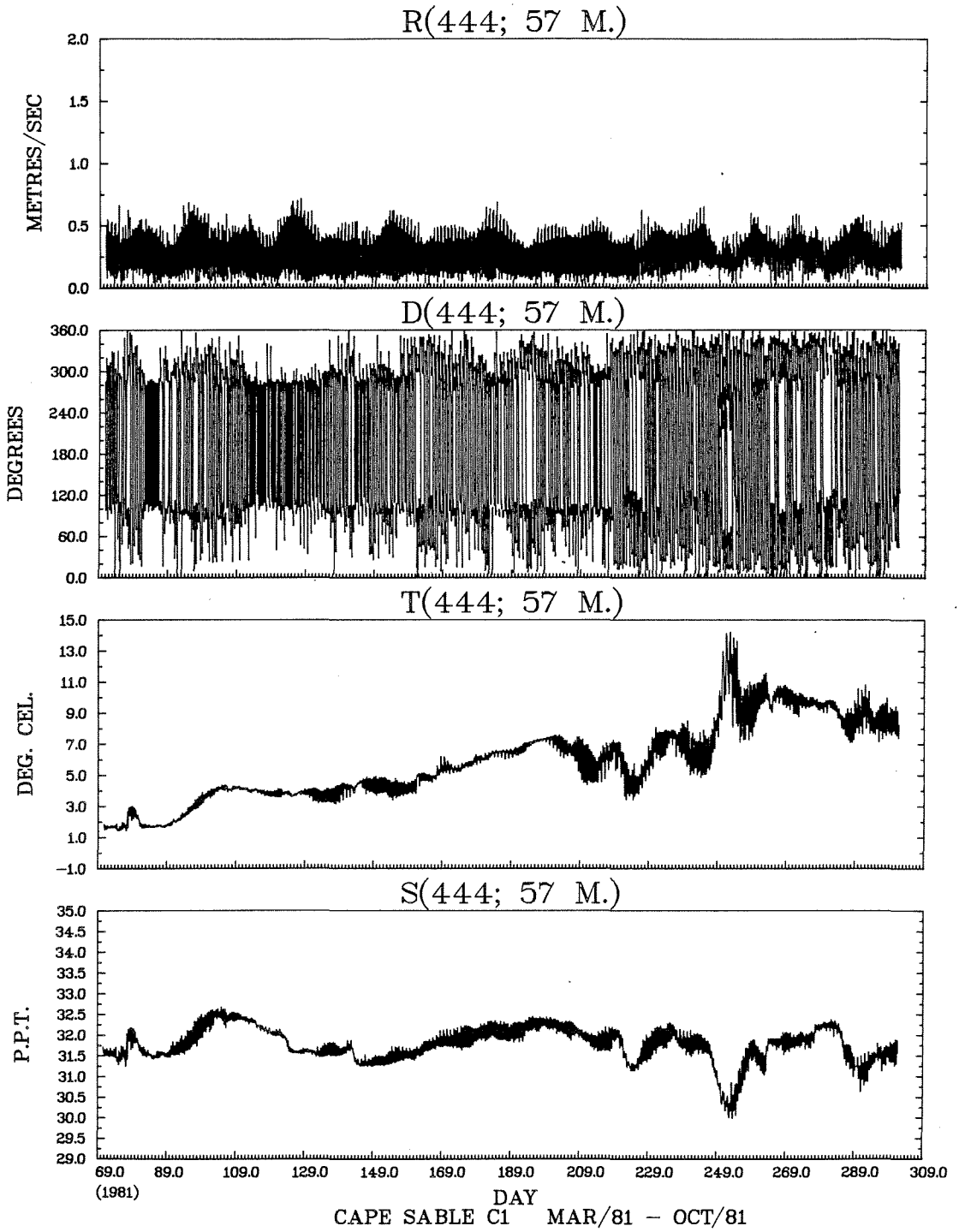
STN. 444, 57 M.

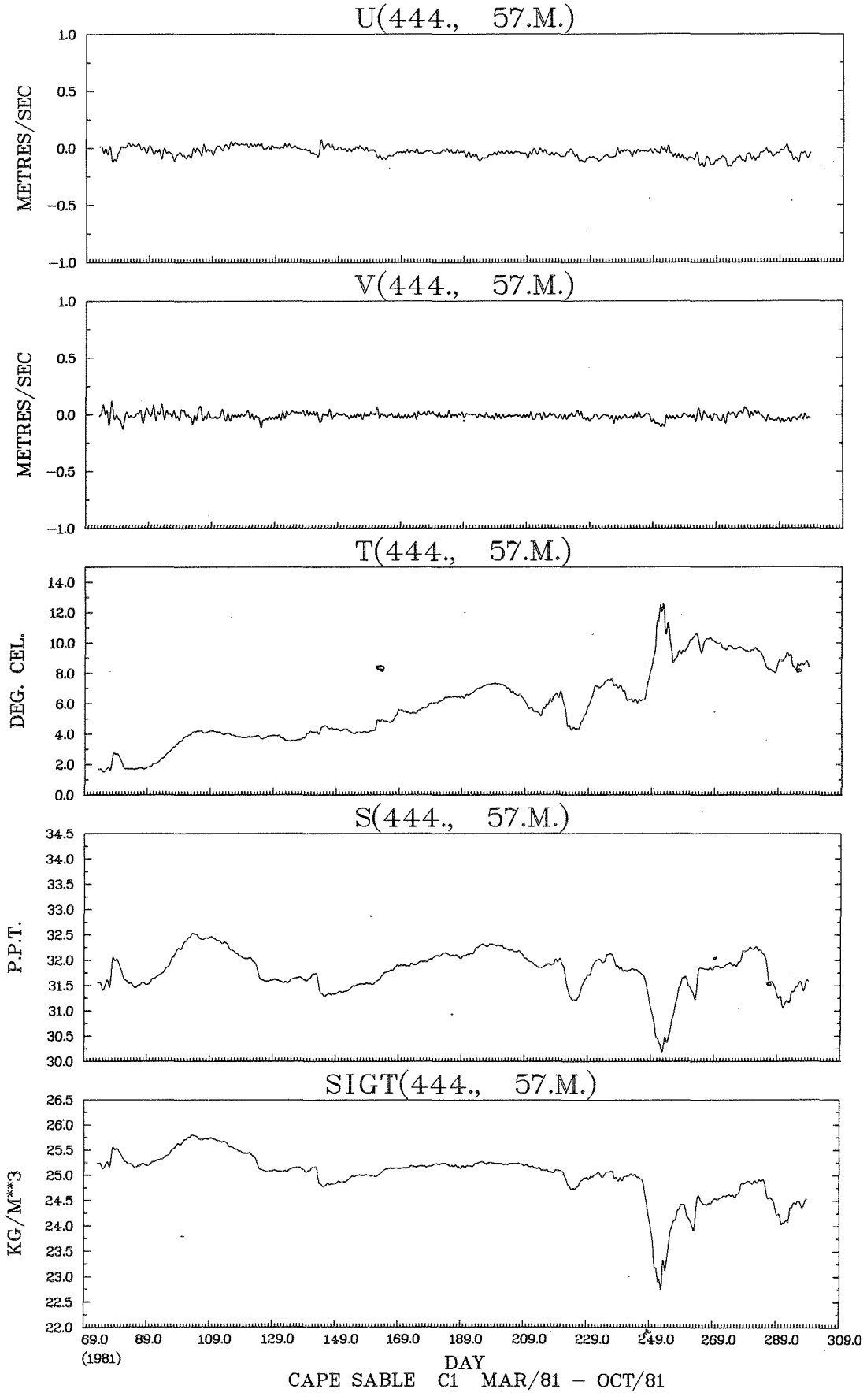


STN. 444, 57 M.



CAPE SABLE C1 MAR/81 - OCT/81


R(444; 57 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(444; 57 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(444; 57 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(444; 57 M.)
P.P.T.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 - OCT/81


U(444., 57.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(444., 57.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(444., 57.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(444., 57.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(444., 57.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0 89.0 109.0 129.0 149.0 169.0 189.0 209.0 229.0 249.0 269.0 289.0 309.0
(1981)
DAY
CAPE SABLE C1 MAR/81 – OCT/81

JOINT DISTRIBUTION (PERCENT)

D(444., 57.M.) VS R(444., 57.M.)

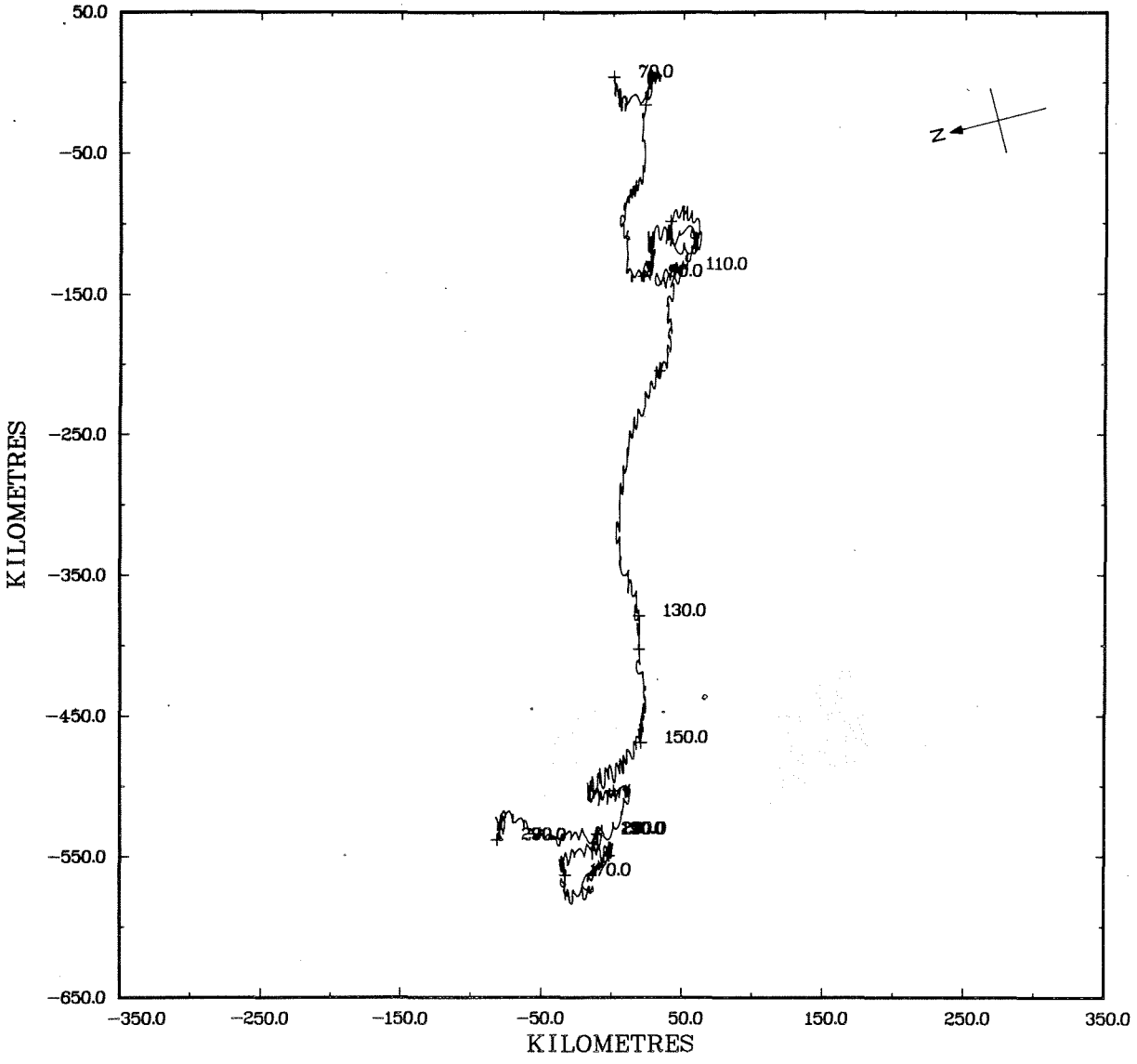
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	3	*				.0						.0		
.60 TO	.70	38	*			.0	.5	.0					.1		
.50 TO	.60	251	*			.1	2.0	.1				.0	2.2	.1	.0
.40 TO	.50	1044	*	.0	.1	.6	6.6	.5				.1	8.4	2.2	.2
.30 TO	.40	1651	*	.7	.6	1.5	9.8	1.8	.0		.1	.5	8.3	5.1	1.5
.20 TO	.30	1295	*	1.1	1.1	2.2	4.9	2.4	.3	.1	.3	1.4	4.7	2.9	1.9
.10 TO	.20	954	*	1.0	.9	1.8	1.5	2.3	1.2	.7	1.1	2.0	2.1	1.6	1.0
-.00 TO	.10	309	*	.6	.6	.2	.1	.5	.8	.6	.8	.5	.1	.3	.4
OUT OF RANGE		0	0												
SUB TOTAL		5545	0	193	186	356	1410	422	130	79	127	246	1433	677	286

JOINT DISTRIBUTION (PERCENT)

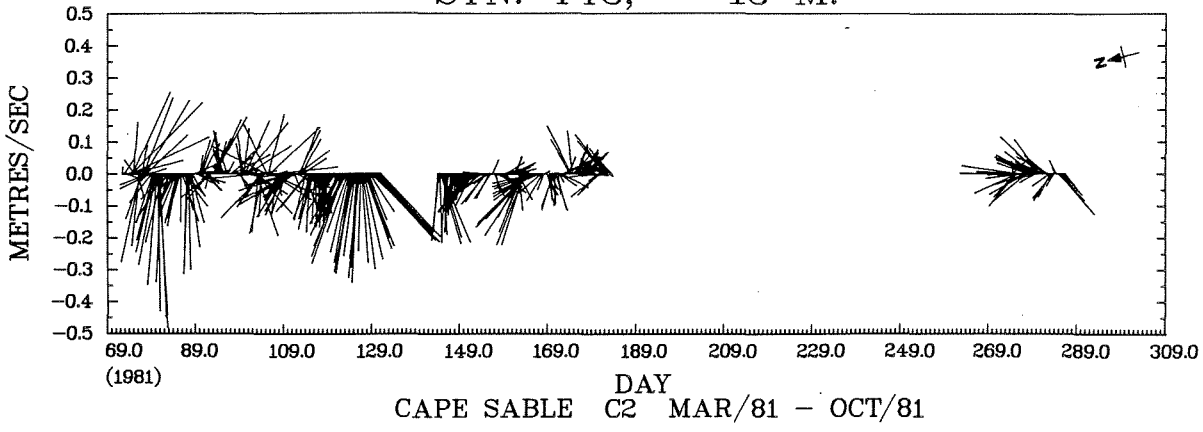
T(444., 57.M.) VS S(444., 57.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	85	*			1.5							
32.00 TO	32.50	1723	*		.8	9.5	10.3	6.7	3.8				
31.50 TO	32.00	2614	*		8.4	14.3	12.3	6.1	6.1				
31.00 TO	31.50	932	*		2.2	7.8	.8	3.0	2.8	.2			
30.50 TO	31.00	104	*					.5	1.4	.0			
30.00 TO	30.50	86	*						.2	1.0	.3		
29.50 TO	30.00	1	*								.0		
29.00 TO	29.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		5545	0		630	1832	1299	904	792	68	20		

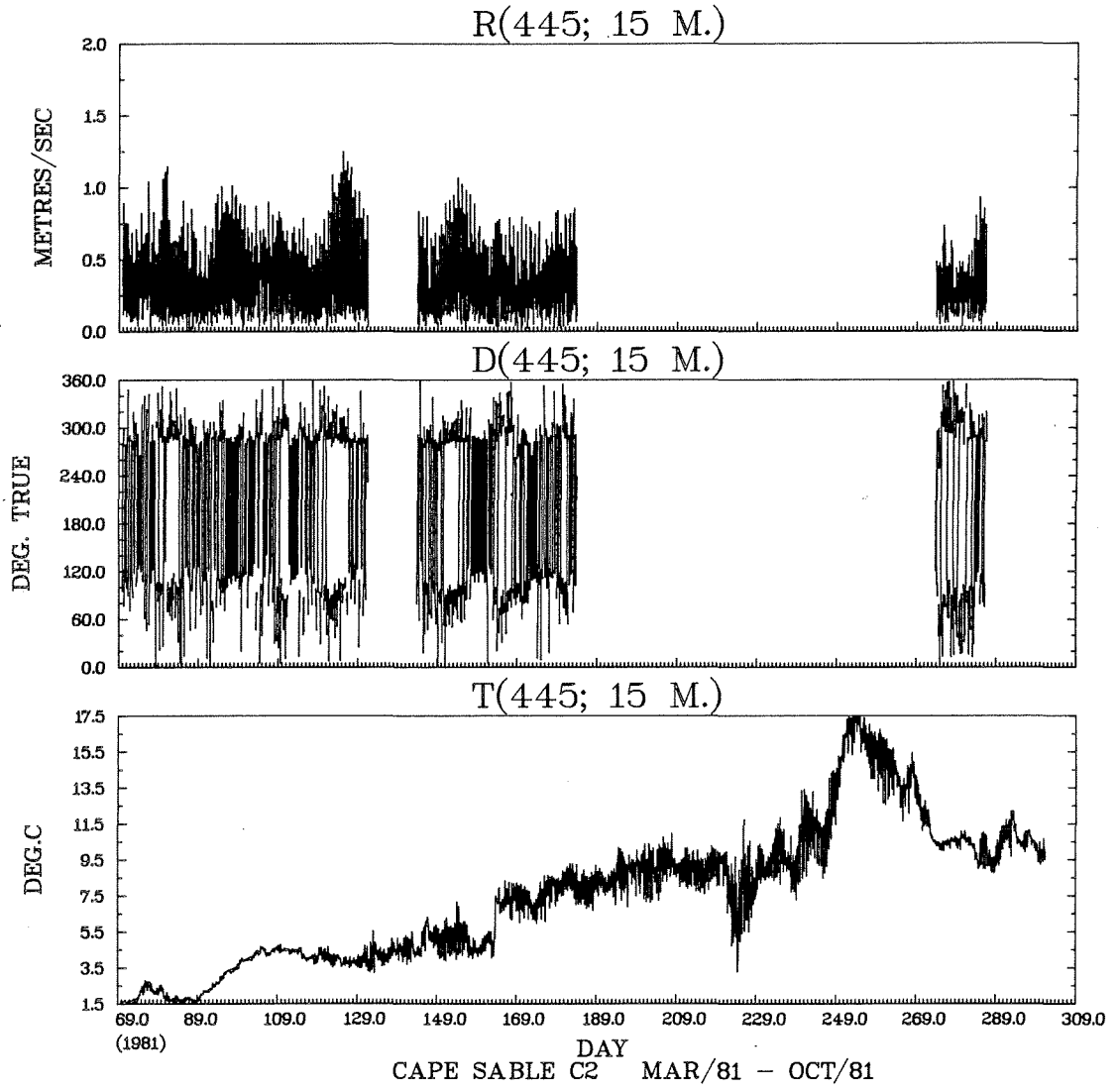
STN. 445, 15 M.

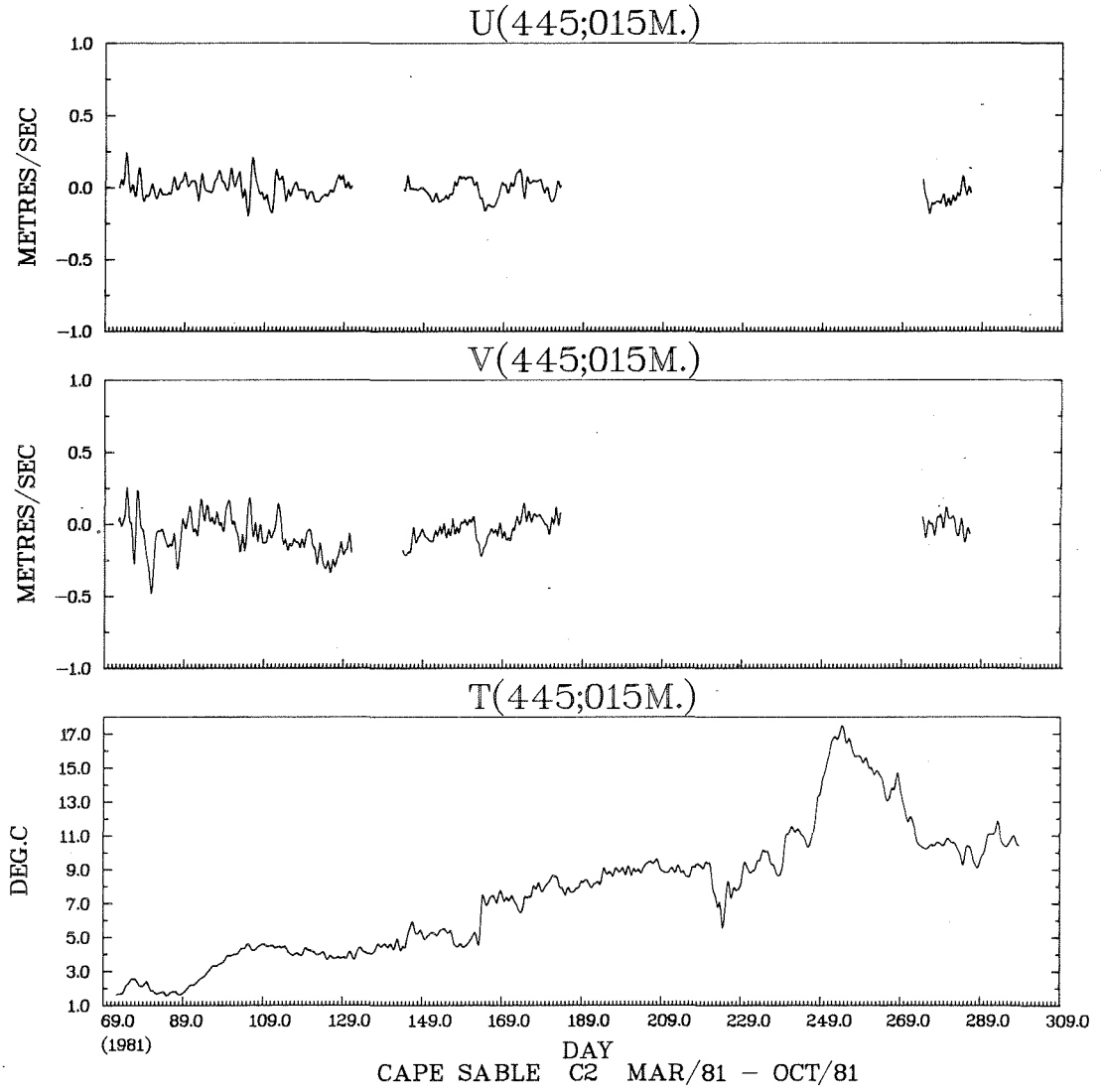


STN. 445, 15 M.



CAPE SABLE C2 MAR/81 - OCT/81


R(445; 15 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(445; 15 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(445; 15 M.)
DEG.C
17.5
15.5
13.5
11.5
9.5
7.5
5.5
3.5
1.5
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 - OCT/81


U(445;015M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(445;015M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(445;015M.)
DEG.C
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 - OCT/81

JOINT DISTRIBUTION (PERCENT)

VD(445;015M.) VS VS(444;015M.)

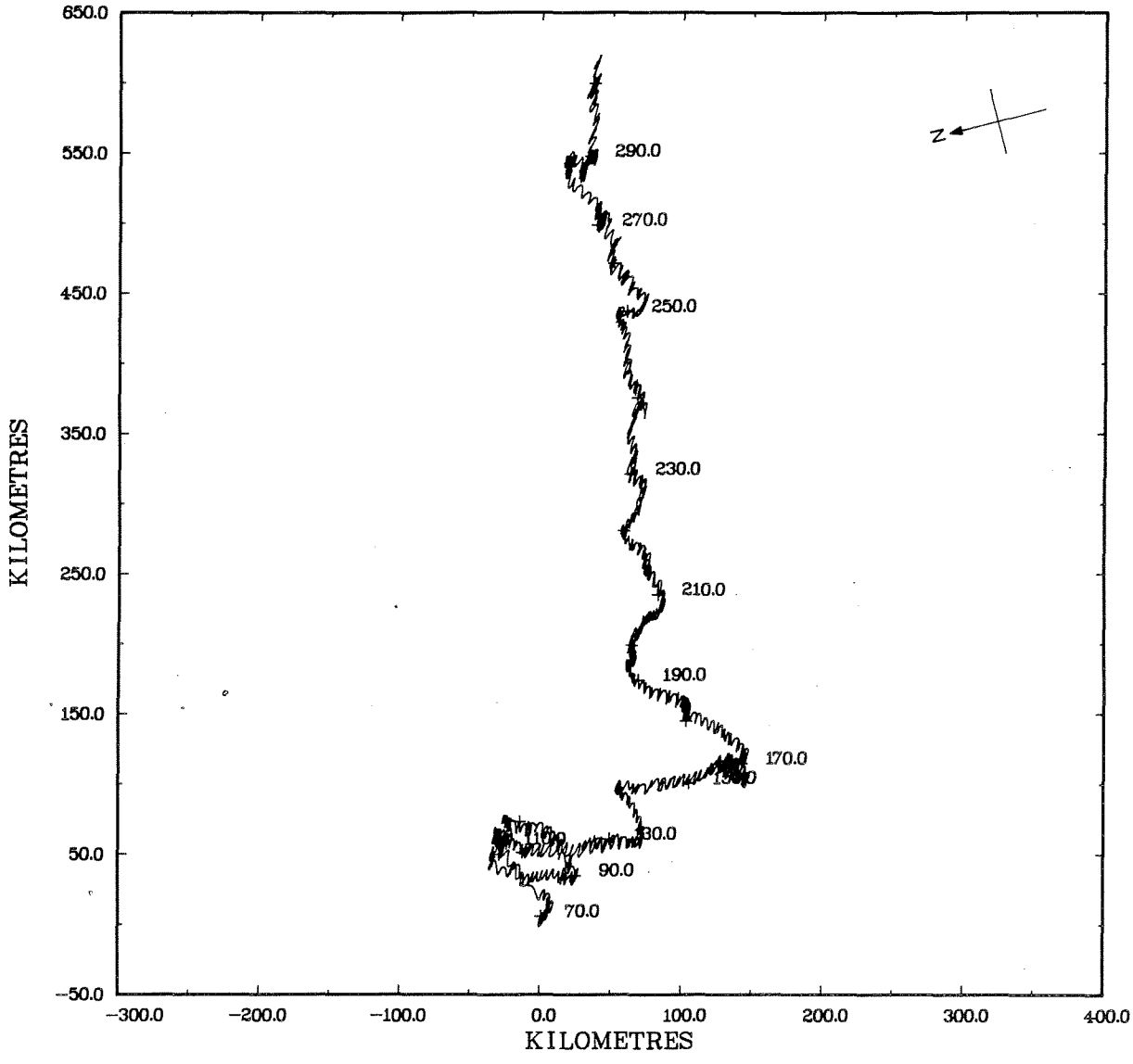
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	1	*										.0		
1.10 TO	1.20	11	*										.2		
1.00 TO	1.10	18	*				.0						.3		
.90 TO	1.00	33	*				.1						.5		
.80 TO	.90	82	*			.0	.4	.1				.0	1.1		
.70 TO	.80	126	*			.1	.5	.1					1.7	.0	
.60 TO	.70	224	*		.0	.1	1.1	.2				.1	2.6	.2	
.50 TO	.60	306	*			.3	2.0	.3				.1	3.0	.3	
.40 TO	.50	401	*	.0	.0	.9	2.3	.9	.0		.0	.3	2.5	.7	.0
.30 TO	.40	460	*	.0	.2	1.4	2.5	1.0	.0	.0	.0	.7	2.0	.8	.1
.20 TO	.30	501	*	.1	.3	1.4	1.8	1.1	.2	.1	.3	1.1	2.0	1.0	.2
.10 TO	.20	409	*	.3	.4	.8	1.1	.8	.5	.4	.5	.7	1.1	.8	.5
-.00 TO	.10	172	*	.2	.3	.3	.3	.3	.3	.3	.2	.3	.4	.3	.2
OUT OF RANGE		2456	2456												
SUB TOTAL		5200	2456	36	60	275	630	254	56	44	53	162	912	209	53

HISTOGRAM OF T(445;015M.) DEG.C

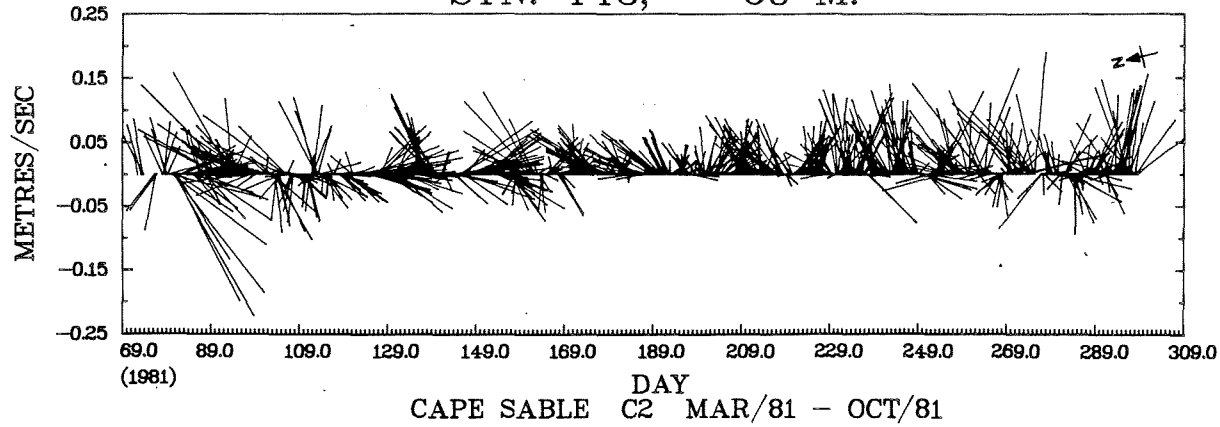
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	11	.2	**
1.50	2.00	324	5.8	**********
2.00	2.50	193	3.5	**********
2.50	3.00	88	1.6	**********
3.00	3.50	100	1.8	**********
3.50	4.00	327	5.9	**********
4.00	4.50	633	11.4	**********
4.50	5.00	317	5.7	**********
5.00	5.50	157	2.8	**********
5.50	6.00	110	2.0	**********
6.00	6.50	74	1.3	**********
6.50	7.00	96	1.7	**********
7.00	7.50	207	3.7	**********
7.50	8.00	245	4.4	**********
8.00	8.50	312	5.6	**********
8.50	9.00	340	6.1	**********
9.00	9.50	356	6.4	**********
9.50	10.00	269	4.8	**********
10.00	10.50	316	5.7	**********
10.50	11.00	280	5.0	**********
11.00	11.50	131	2.4	**********
11.50	12.00	72	1.3	**********
12.00	12.50	62	1.1	**********
12.50	13.00	43	.8	*******
13.00	13.50	40	.7	******
13.50	14.00	53	1.0	********
14.00	14.50	69	1.2	**********
14.50	15.00	60	1.1	**********
15.00	15.50	60	1.1	**********
15.50	16.00	51	.9	********
16.00	16.50	61	1.1	**********
16.50	17.00	45	.8	*******
17.00	17.50	44	.8	*******
17.50	18.00	14	.3	**
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 5560
OUTSIDE RANGE 0

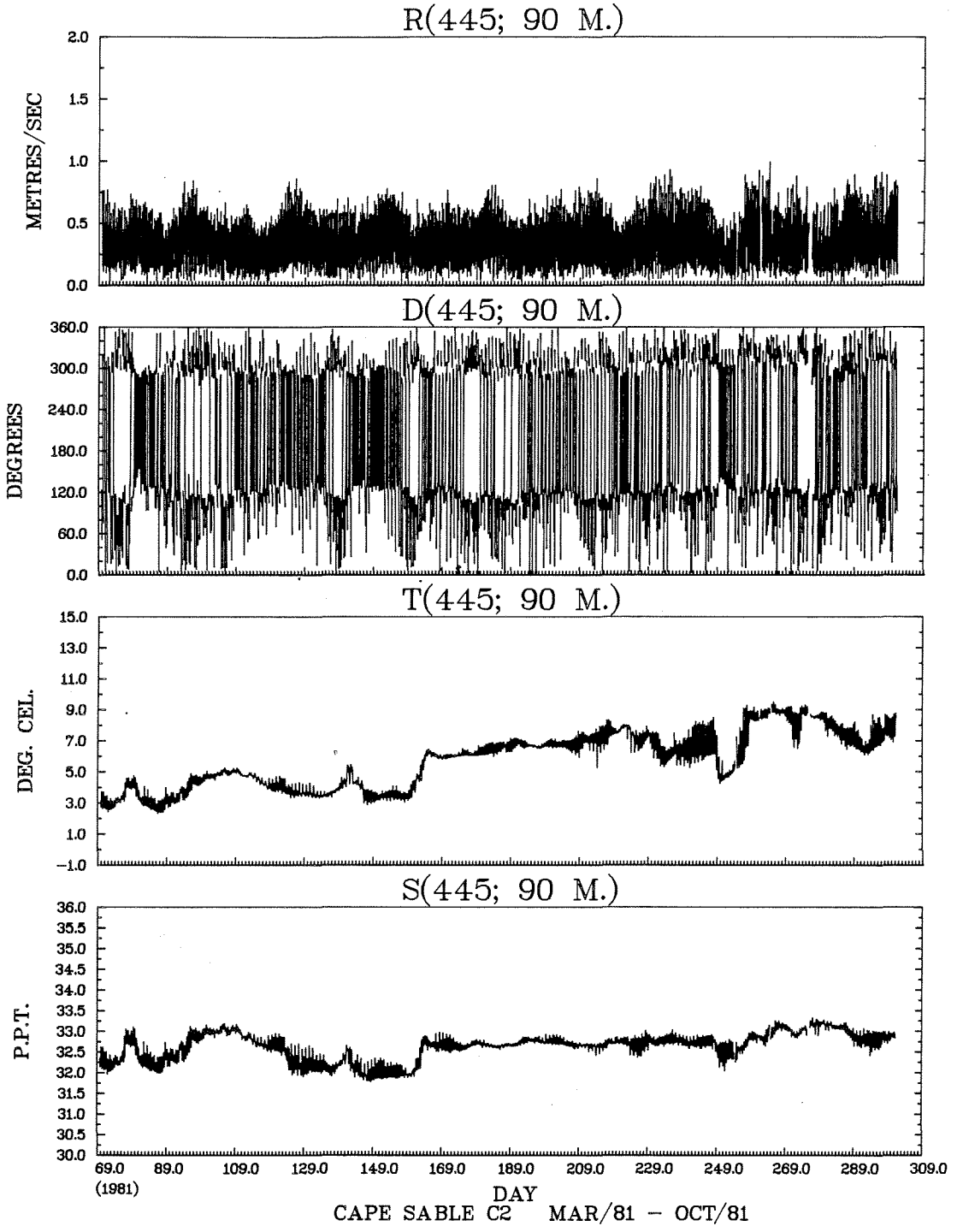
STN. 445, 90 M.

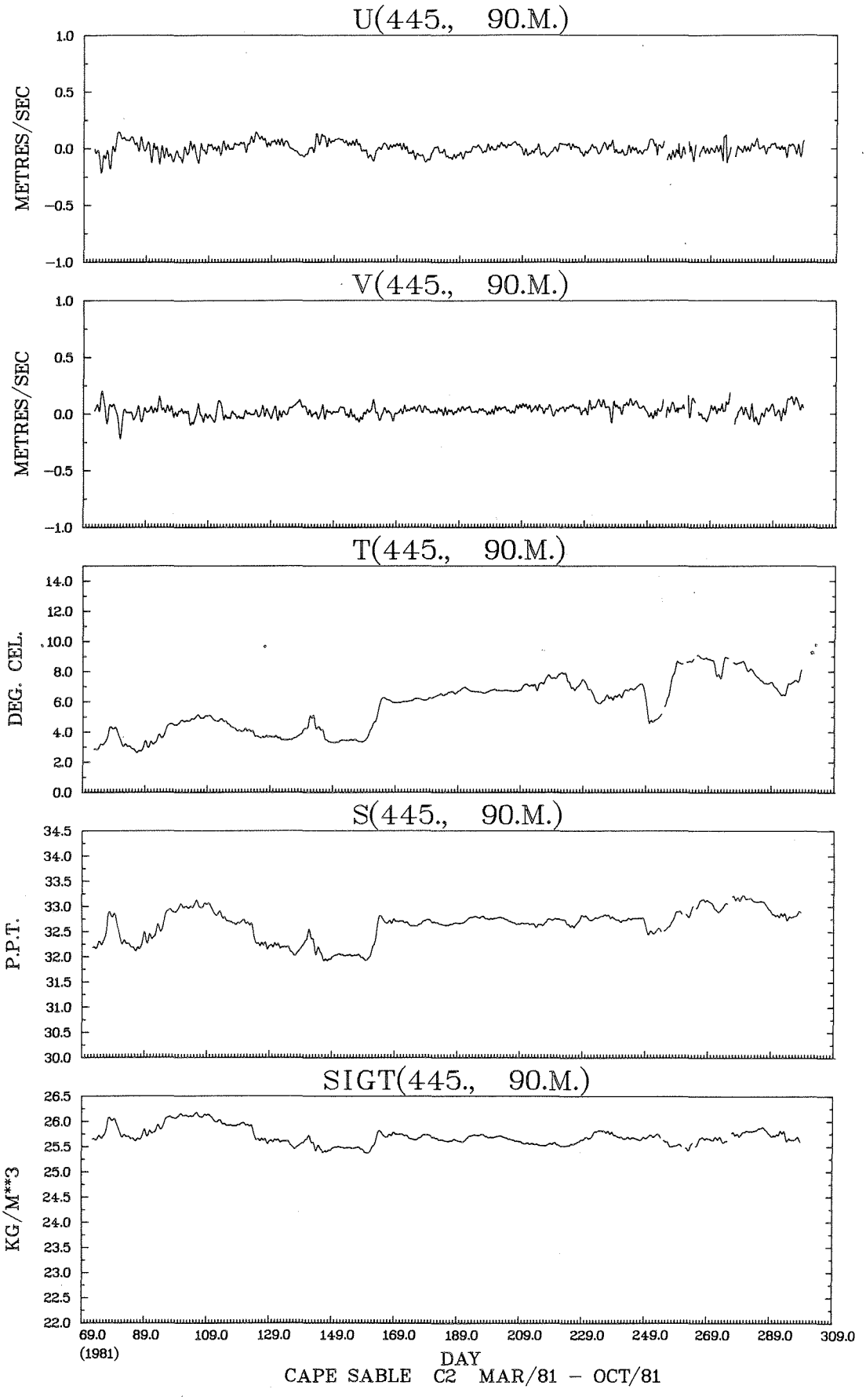


STN. 445, 90 M.



CAPE SABLE C2 MAR/81 – OCT/81


R(445; 90 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(445; 90 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(445; 90 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(445; 90 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 - OCT/81


U(445., 90.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(445., 90.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(445., 90.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(445., 90.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(445., 90.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0 89.0 109.0 129.0 149.0 169.0 189.0 209.0 229.0 249.0 269.0 289.0 309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 − OCT/81

JOINT DISTRIBUTION (PERCENT)

D(445., 90.M.) VS R(445., 90.M.)

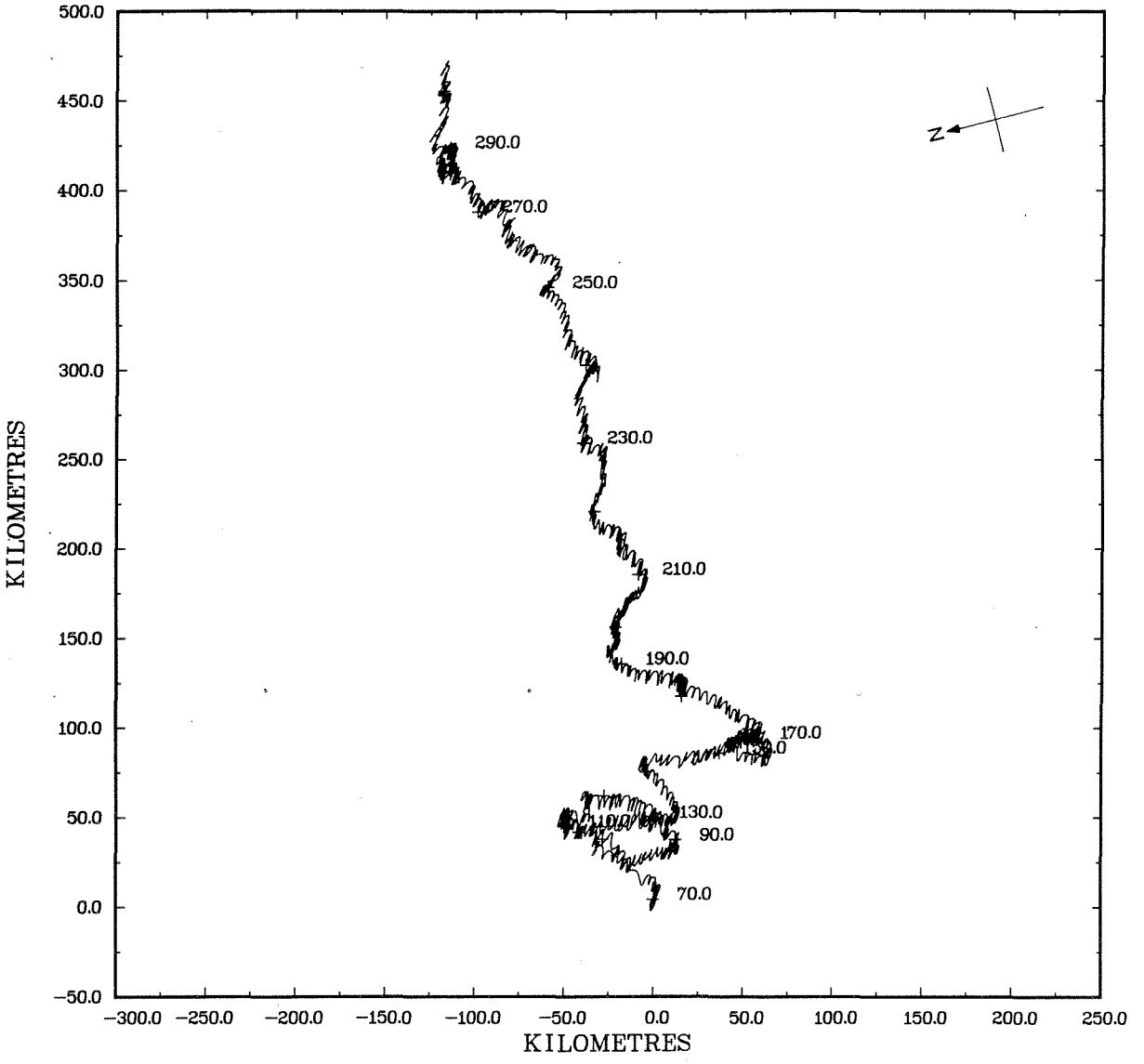
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	5	*					.1							
.80 TO	.90	47	*				.2	.6					.0		
.70 TO	.80	182	*				1.2	1.6					.4	.1	
.60 TO	.70	455	*			.1	2.9	2.9					1.6	.7	.0
.50 TO	.60	853	*			.0	4.4	3.8					4.3	2.8	.0
.40 TO	.50	1039	*		.0	.1	4.3	3.6	.2			.1	5.3	4.9	.2
.30 TO	.40	953	*	.1	.1	.4	3.7	3.0	.3	.0		.2	3.8	4.9	.8
.20 TO	.30	807	*	.4	.4	.8	2.3	1.7	.8	.1	.1	.6	2.8	3.3	1.2
.10 TO	.20	870	*	.9	.9	1.5	1.9	1.3	1.0	.8	.8	1.2	1.6	2.2	1.5
-.00 TO	.10	299	*	.6	.6	.5	.3	.2	.5	.6	.6	.4	.3	.3	.4
OUT OF RANGE		47	47												
SUB TOTAL		5557	47	111	112	184	1177	1050	153	88	83	141	1116	1064	231

JOINT DISTRIBUTION (PERCENT)

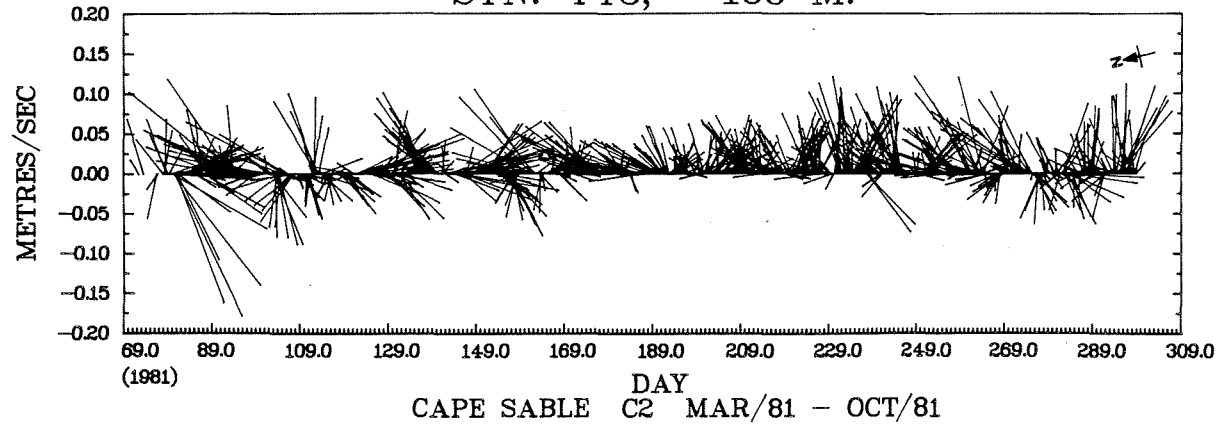
T(445., 90.M.) VS S(445., 90.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	666	*			2.1	2.2	7.0	.8				
32.50 TO	33.00	3409	*			13.3	30.2	17.2	.7				
32.00 TO	32.50	1174	*		3.2	16.6	1.3	.0	.0				
31.50 TO	32.00	261	*		.3	4.4							
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
29.50 TO	30.00		*										
29.00 TO	29.50		*										
OUT OF RANGE		47	47										
SUB TOTAL		5557	47		192	2019	1871	1345	83				

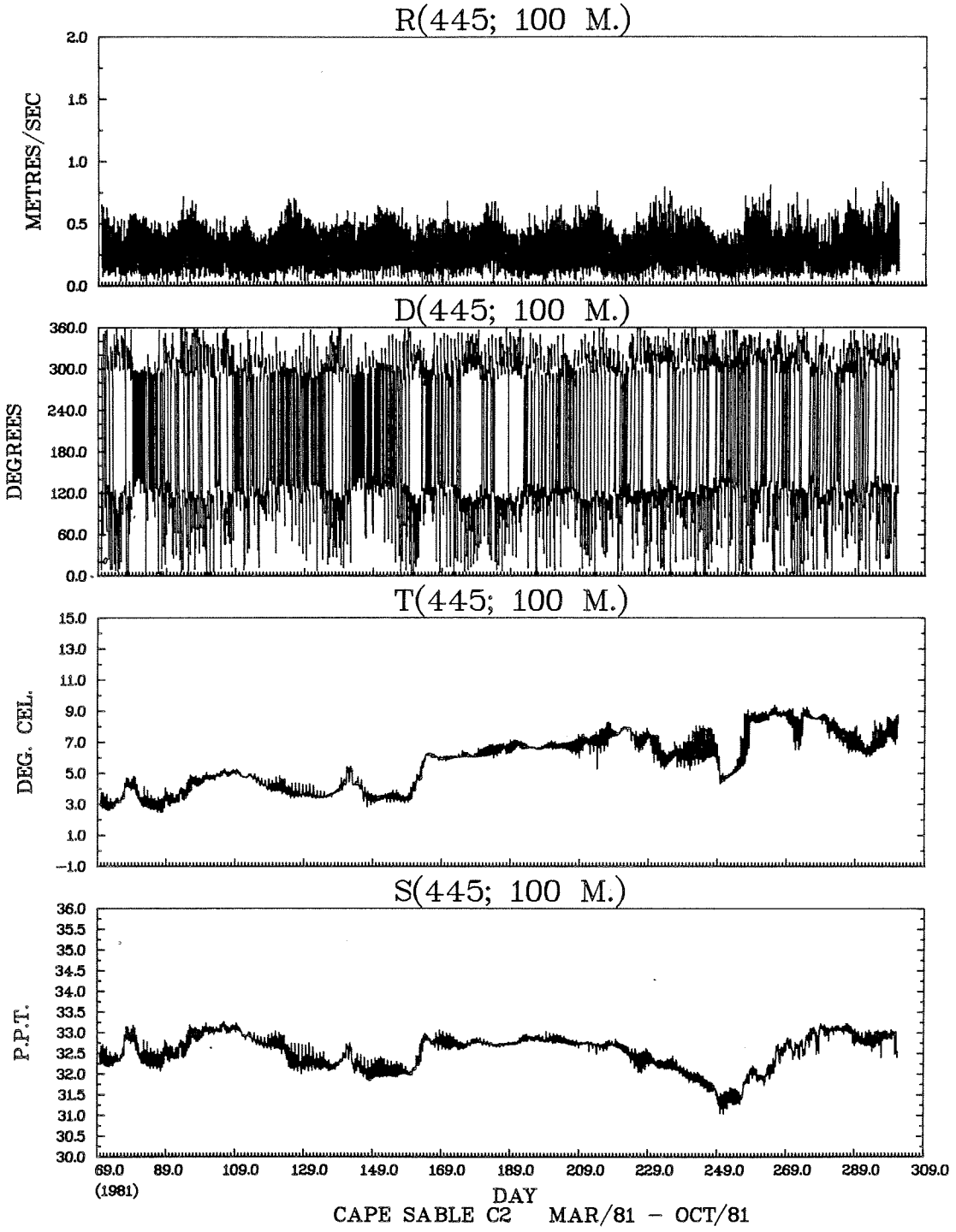
STN. 445, 100 M.

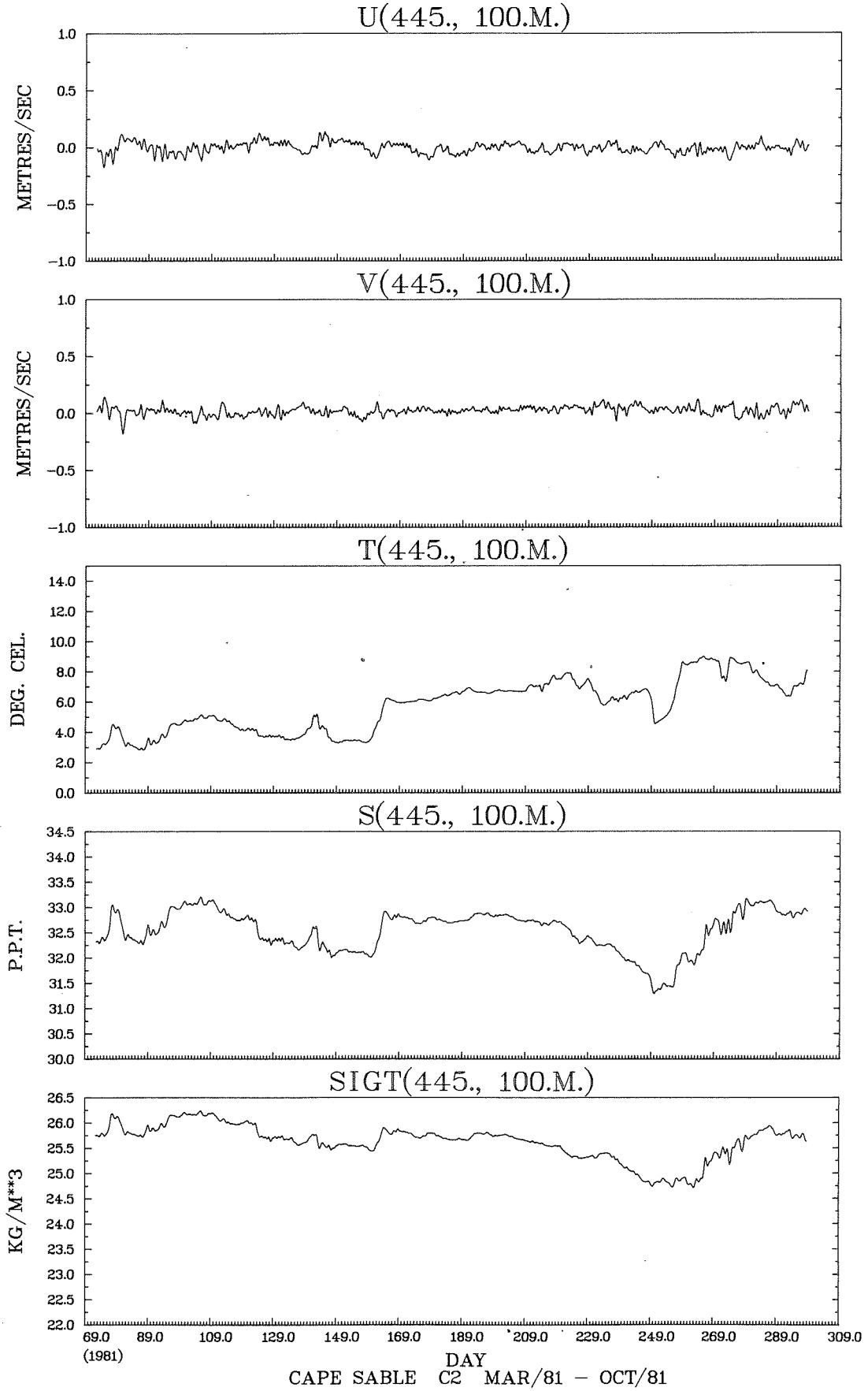


STN. 445, 100 M.



CAPE SABLE C2 MAR/81 – OCT/81


R(445; 100 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(445; 100 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(445; 100 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(445; 100 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 - OCT/81


U(445., 100.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(445., 100.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(445., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(445., 100.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(445., 100.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 − OCT/81

JOINT DISTRIBUTION (PERCENT)

D(445., 100.M.) VS R(445., 100.M.)

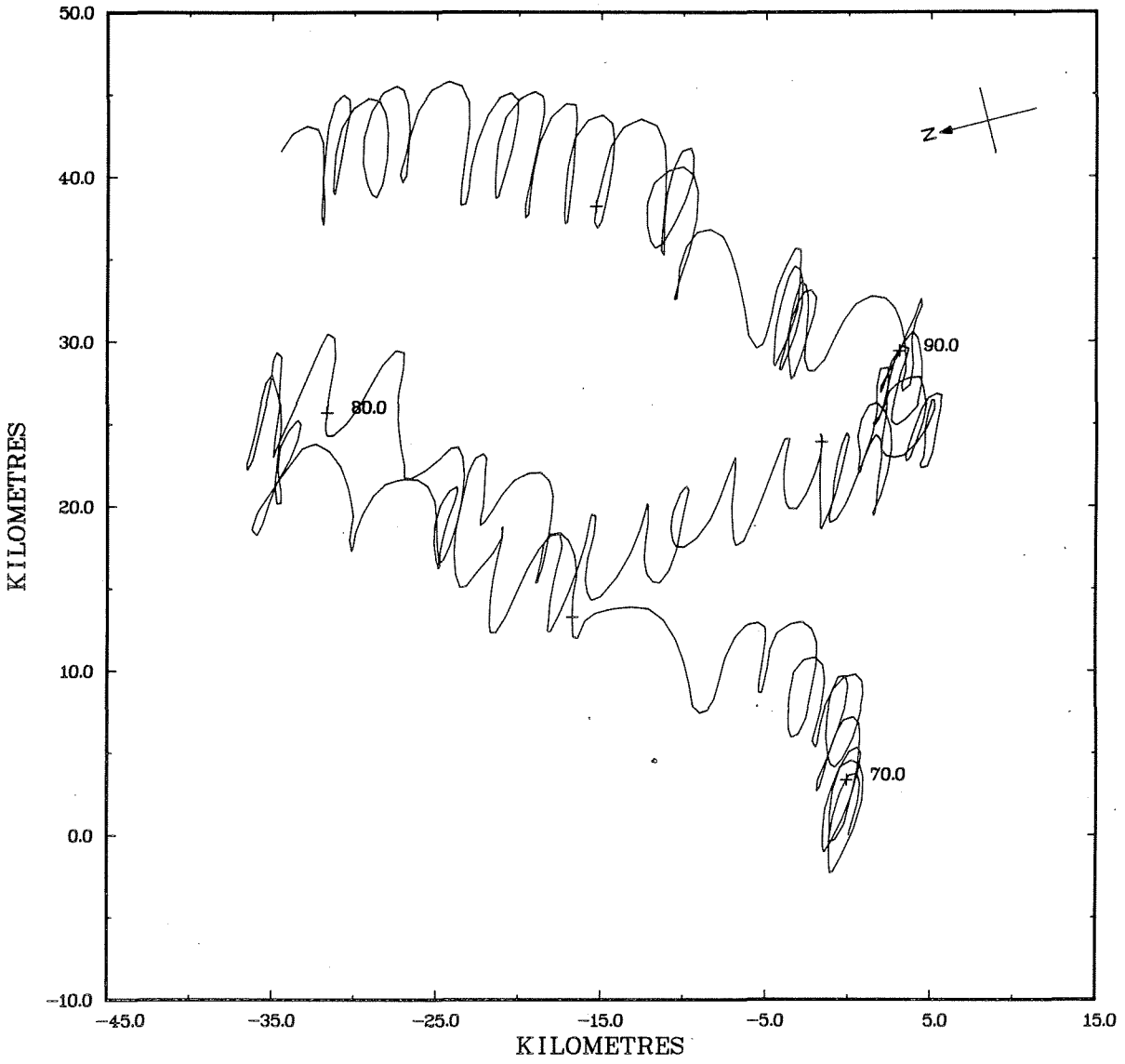
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*					.0							
.70 TO	.80	25	*					.4					.0	.0	
.60 TO	.70	150	*				.8	1.5					.3	.1	
.50 TO	.60	511	*			.0	2.4	3.8	.0				1.9	1.1	.0
.40 TO	.50	1129	*	.0		.1	4.8	6.0	.0				4.4	4.8	.2
.30 TO	.40	1327	*	.2	.0	.2	4.8	4.9	.3	.0	.0	.1	5.0	7.1	1.3
.20 TO	.30	1050	*	.9	.3	1.0	3.0	2.9	.6	.0	.1	.2	3.4	4.9	1.6
.10 TO	.20	984	*	1.0	.9	1.7	2.2	1.5	1.1	.8	.6	1.1	2.4	2.7	1.7
-.00 TO	.10	381	*	.7	.7	.8	.4	.2	.6	.5	.7	.5	.6	.4	.7
OUT OF RANGE		0	0												
SUB TOTAL		5559	0	154	112	212	1018	1183	152	79	77	103	999	1164	306

JOINT DISTRIBUTION (PERCENT)

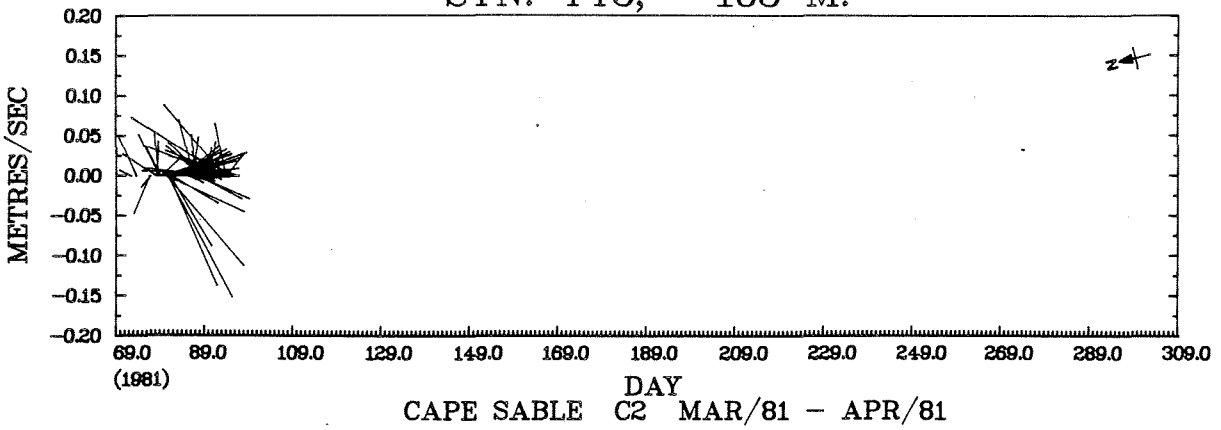
T(445., 100.M.) VS S(445., 180.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	675	*			4.6	3.2	4.4					
32.50 TO	33.00	2645	*			12.0	23.0	12.1	.5				
32.00 TO	32.50	1651	*		2.7	17.2	5.3	4.3	.3				
31.50 TO	32.00	455	*		.1	1.8	3.3	3.0	.1				
31.00 TO	31.50	133	*			1.2	1.2	.0					
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		5559	0		153	2043	1994	1321	48				

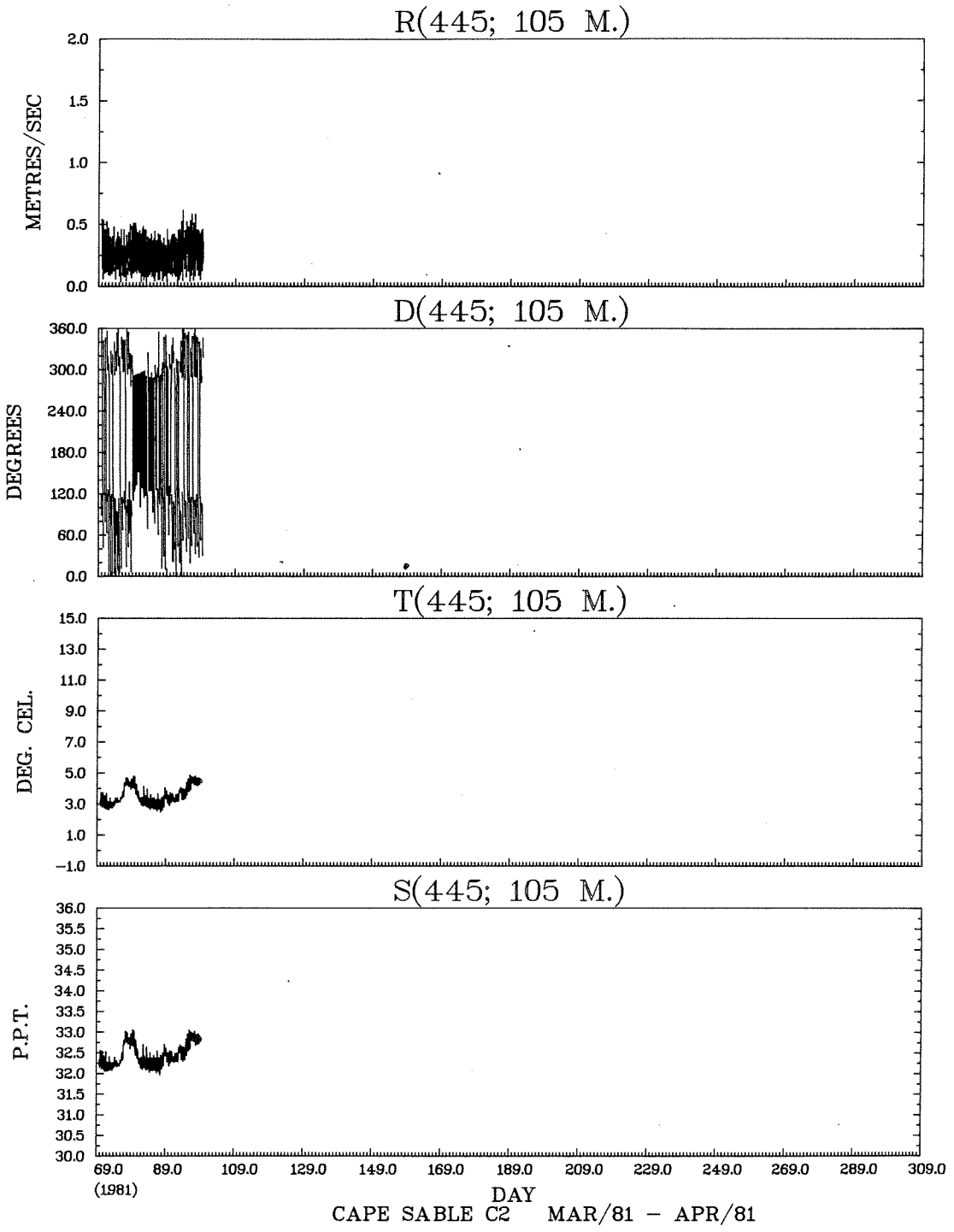
STN. 445, 105 M.

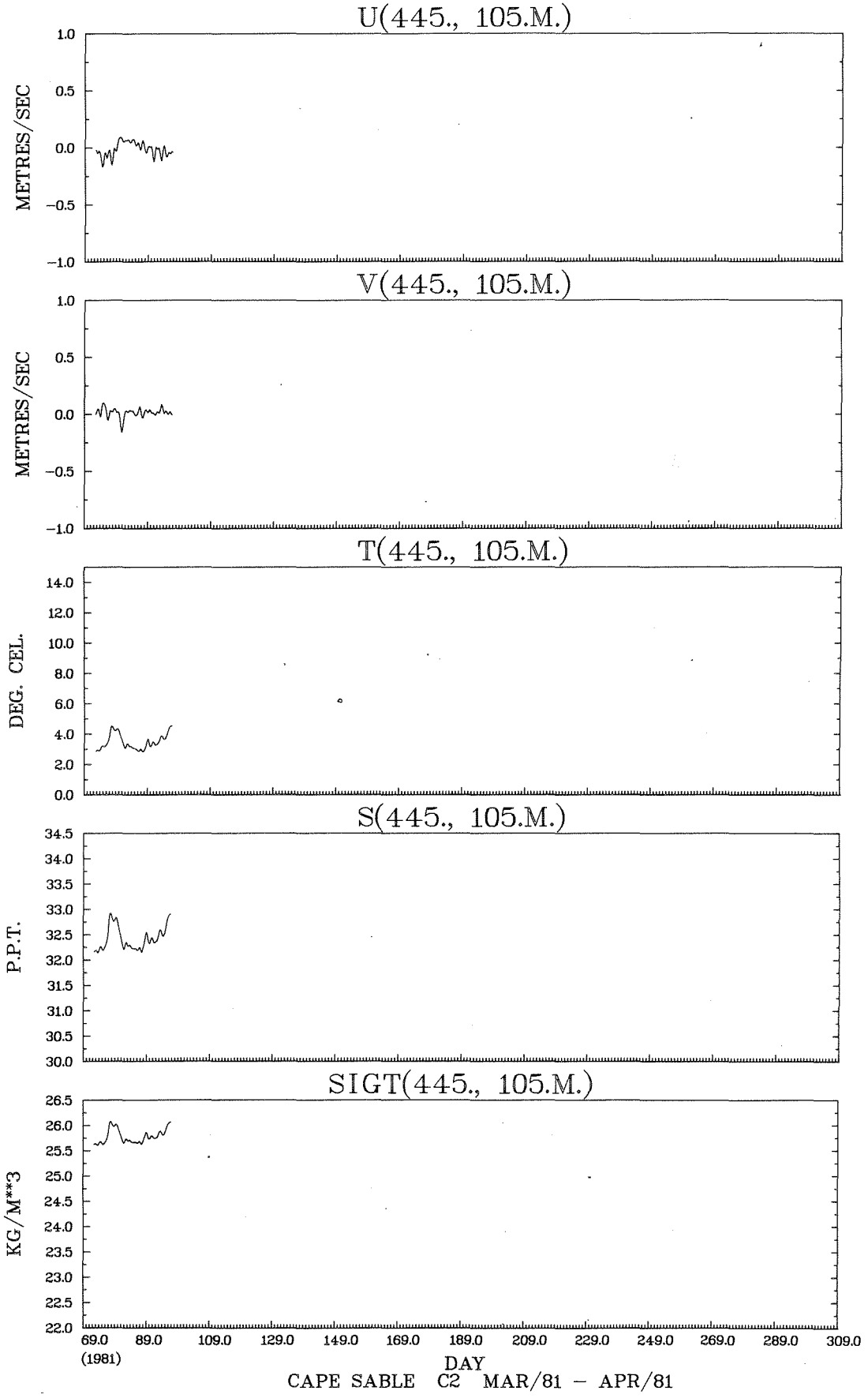


STN. 445, 105 M.



CAPE SABLE C2 MAR/81 - APR/81


R(445; 105 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(445; 105 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(445; 105 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(445; 105 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 - APR/81


U(445., 105.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(445., 105.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(445., 105.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(445., 105.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(445., 105.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
69.0
89.0
109.0
129.0
149.0
169.0
189.0
209.0
229.0
249.0
269.0
289.0
309.0
(1981)
DAY
CAPE SABLE C2 MAR/81 − APR/81

JOINT DISTRIBUTION (PERCENT)

D(445., 105.M.) VS R(445., 105.M.)

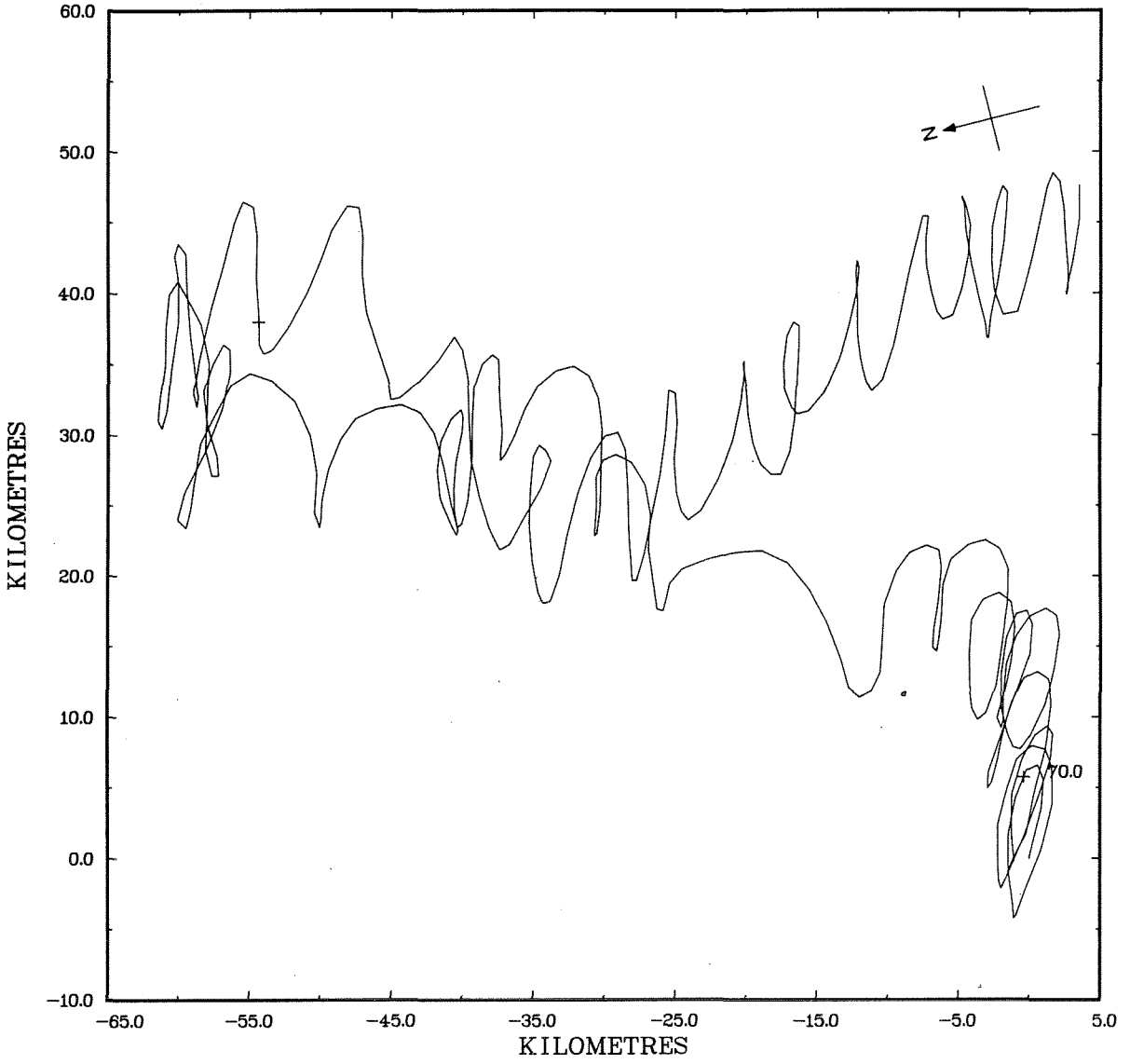
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	1	*				.1								
.50 TO	.60	13	*				1.4	.4							
.40 TO	.50	123	*			.4	6.4	4.3					4.9	1.1	
.30 TO	.40	203	*	.1	.1	1.0	6.4	4.6	.1				9.7	5.5	.8
.20 TO	.30	181	*	1.1	1.1	1.7	4.2	3.5	.7			.3	6.6	3.9	2.2
.10 TO	.20	143	*	1.1	1.3	2.2	2.0	1.5	1.1	1.7	.6	1.7	3.4	2.0	1.5
-.00 TO	.10	50	*	.6	.6	.7	.7	.6	.6	.6	.6	1.0	.1	.6	.6
OUT OF RANGE		0	0												
SUB TOTAL		714	0	21	22	43	152	107	18	16	8	21	176	93	37

JOINT DISTRIBUTTON (PERCENT)

T(445., 105.M.) VS S(445., 105.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	17	*			2.4							
32.50 TO	33.00	253	*			35.4							
32.00 TO	32.50	440	*		18.6	43.0							
31.50 TO	32.00	4	*		.6								
31.00 TO	31.50		*										
30.50 TO	30.50		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		714	0		137	577							

STN. 445, 107 M.



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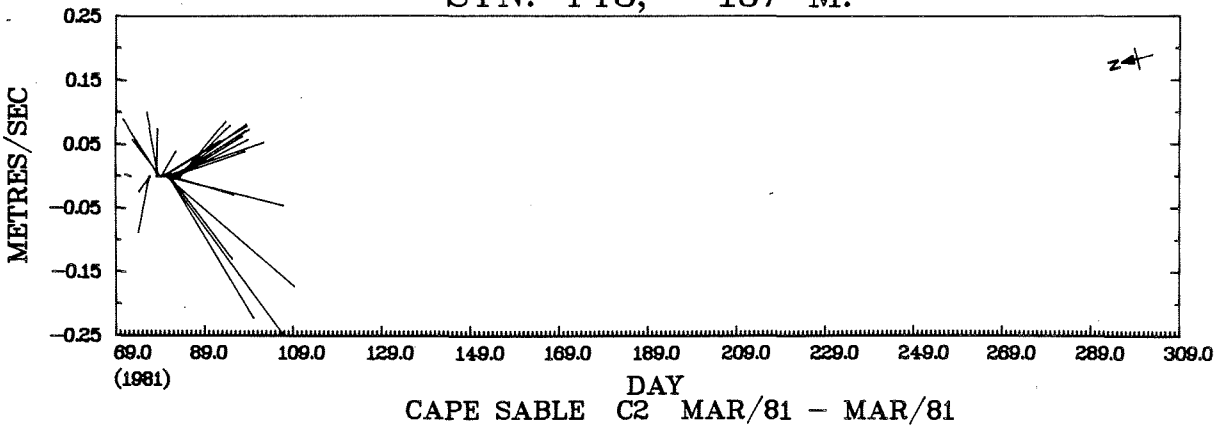


CAPE SABLE C2 MAR/81 - MAR/81

JOINT DISTRIBUTION (PERCENT)

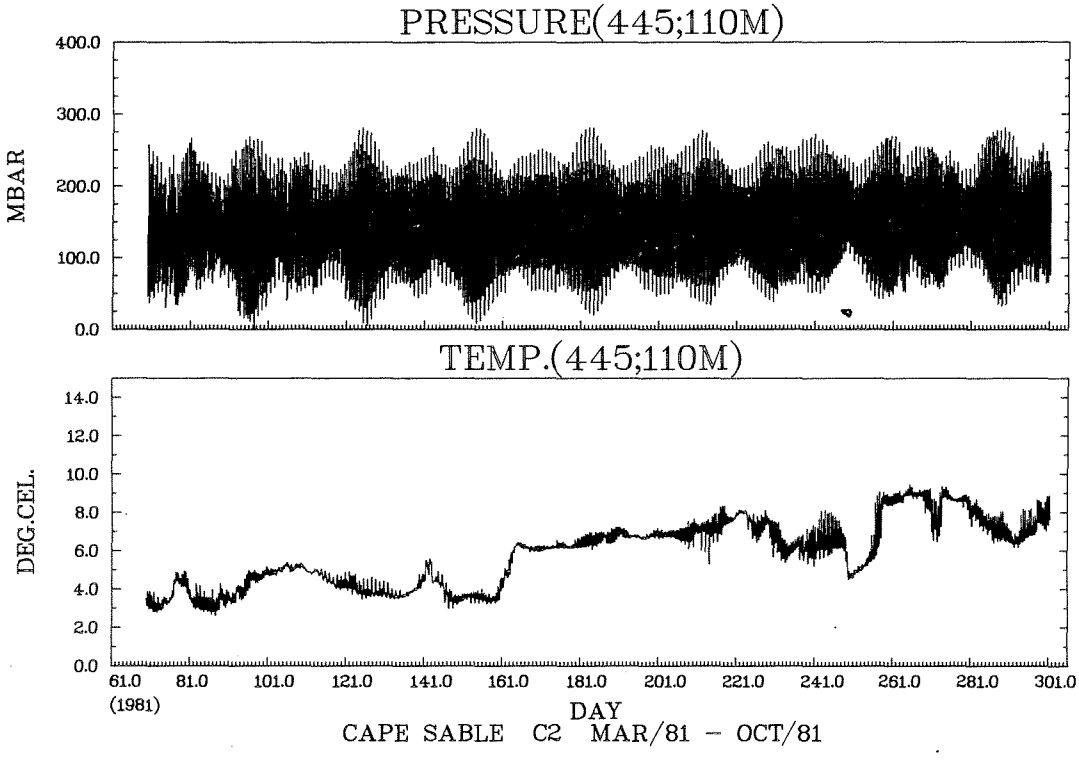
D(445., 107.M.) VS R(445., 107.M.)

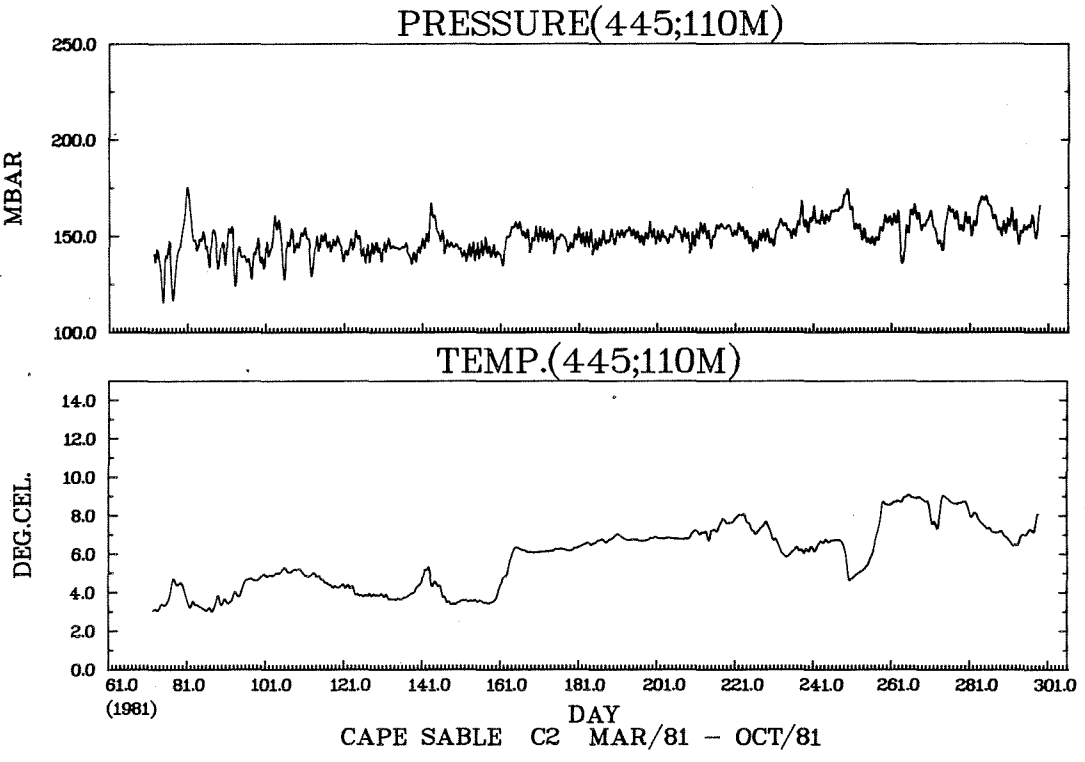
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	7	*				1.3	.5					1.3		
.80 TO	.90	22	*				3.0	1.3					4.0	.5	
.70 TO	.80	56	*			1.3	6.0	2.0				.3	6.5	.8	
.60 TO	.70	57	*		.3	.3	4.3	1.5				.8	6.3	2.0	.5
.50 TO	.60	66	*	.3	.3	.8	4.0	2.0				.5	4.0	2.8	1.0
.40 TO	.50	63	*	.5	.3	1.0	2.8	1.8	.3			1.5	.8	1.0	1.5
.30 TO	.40	32	*		1.0	.3	2.0	.5	.3			.8	1.8	.5	1.8
.20 TO	.30	53	*	.3	1.5	1.3	1.3	.8	1.3	.8	.5	1.8	.8	1.0	.3
.10 TO	.20	34	*	.5	1.0	1.3	.5	.3	.5	.8	.3	1.5		.3	
-.00 TO	.10	7	*		.3			.5	.3	.5					
OUT OF RANGE		0	0												
SUB TOTAL		397	0	6	18	24	100	44	10	8	3	28	101	35	20

JOINT DISTRIBUTION (PERCENT)

T(445., 107.M.) VS S(445., 107.M.)

P.P.T. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50	23	*			5.8							
32.50 TO 33.00	109	*			27.2							
32.00 TO 32.50	266	*		28.2	38.8							
31.50 TO 32.00		*										
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	397	0		112	285							


PRESSURE(445;110M)
MBAR
400.0
300.0
200.0
100.0
0.0
TEMP.(445;110M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
61.0
(1981)
81.0
101.0
121.0
141.0
161.0
181.0
201.0
221.0
241.0
261.0
281.0
301.0
DAY
CAPE SABLE C2 MAR/81 - OCT/81


PRESSURE(445;110M)
MBAR
250.0
200.0
150.0
100.0
TEMP.(445;110M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
61.0
81.0
101.0
121.0
141.0
161.0
181.0
201.0
221.0
241.0
261.0
281.0
301.0
(1981)
DAY
CAPE SABLE C2 MAR/81 - OCT/81

HISTOGRAM OF PRESSURE(44°;110M) MBAR

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	18	.3	***
20.00	40.00	75	1.3	**********
40.00	60.00	277	5.0	**********
60.00	80.00	555	10.0	**********
80.00	100.00	652	11.7	**********
100.00	120.00	532	9.6	**********
120.00	140.00	463	8.3	**********
140.00	160.00	397	7.1	**********
160.00	180.00	450	8.1	**********
180.00	200.00	529	9.5	**********
200.00	220.00	663	11.9	**********
220.00	240.00	562	10.1	**********
240.00	260.00	290	5.2	**********
260.00	280.00	91	1.6	**********
280.00	300.00	7	.1	*
300.00	320.00	0	0.0	
320.00	340.00	0	0.0	

TOTAL NO. OF SAMPLES 5561
OUTSIDE RANGE 0

HISTOGRAM OF TEMP.(445;110M) DEG.CEL.

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	77	1.4	********
3.00	3.50	367	6.6	**********
3.50	4.00	721	13.0	**********
4.00	4.50	376	6.8	**********
4.50	5.00	560	10.1	**********
5.00	5.50	294	5.3	**********
5.50	6.00	193	3.5	**********
6.00	6.50	707	12.7	**********
6.50	7.00	844	15.2	**********
7.00	7.50	422	7.6	**********
7.50	8.00	343	6.2	**********
8.00	8.50	195	3.5	**********
8.50	9.00	366	6.6	**********
9.00	9.50	96	1.7	**********
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 5561
OUTSIDE RANGE 0

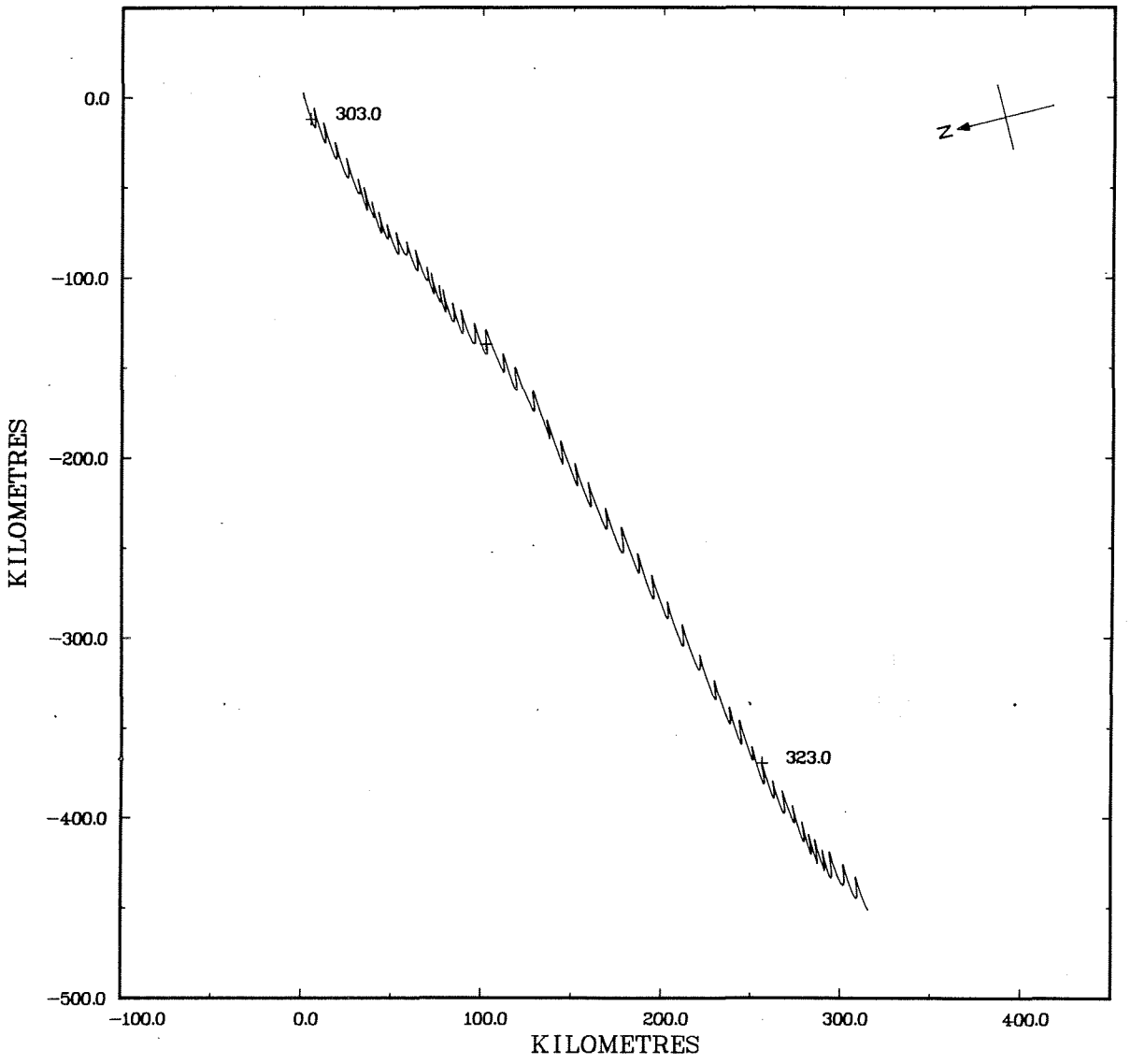
TABLE 12

MOORING SUMMARY, CRUISE 81-040

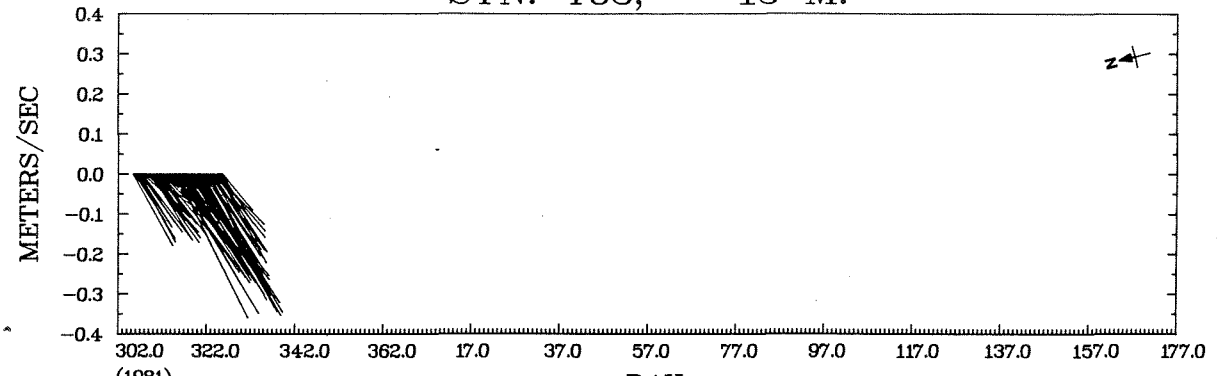
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
COA(465)	43°20.80'N	65°37.00'W	0245	V	13	33	
			1902	A	18	33	
CO(465)	43°21.00'N	65°36.70'W	818	A	25	33	
			1039	A	28	33	Noise on all channels, not able to translate.
			1283	A	30	33	Tape lost contact with recording head at the beginning of the record for 7 hours.
C1(466)	43°11.70'N	65°42.20'W	4603	A	14	59	
			1946	A	29	59	Missing data appears to be due to clock failure. Clock may be fast (cycles every 16 minutes). Time not corrected.
			2662	A	39	59	
			4158	A	49	59	
			4271	A	54	59	Tape threaded wrong in instrument, no data.
			4601	A	56	59	
C2(467)	43°03.30'N	65°45.3'W	5570	A	14	109	
			4201	A	43	103	No conductivity cell.
			4998	A	93	103	
			186	TG	113	113	

A = AANDERAA CURRENT METER
V = VACM CURRENT METER
TG = AANDERAA TIDE GAUGE

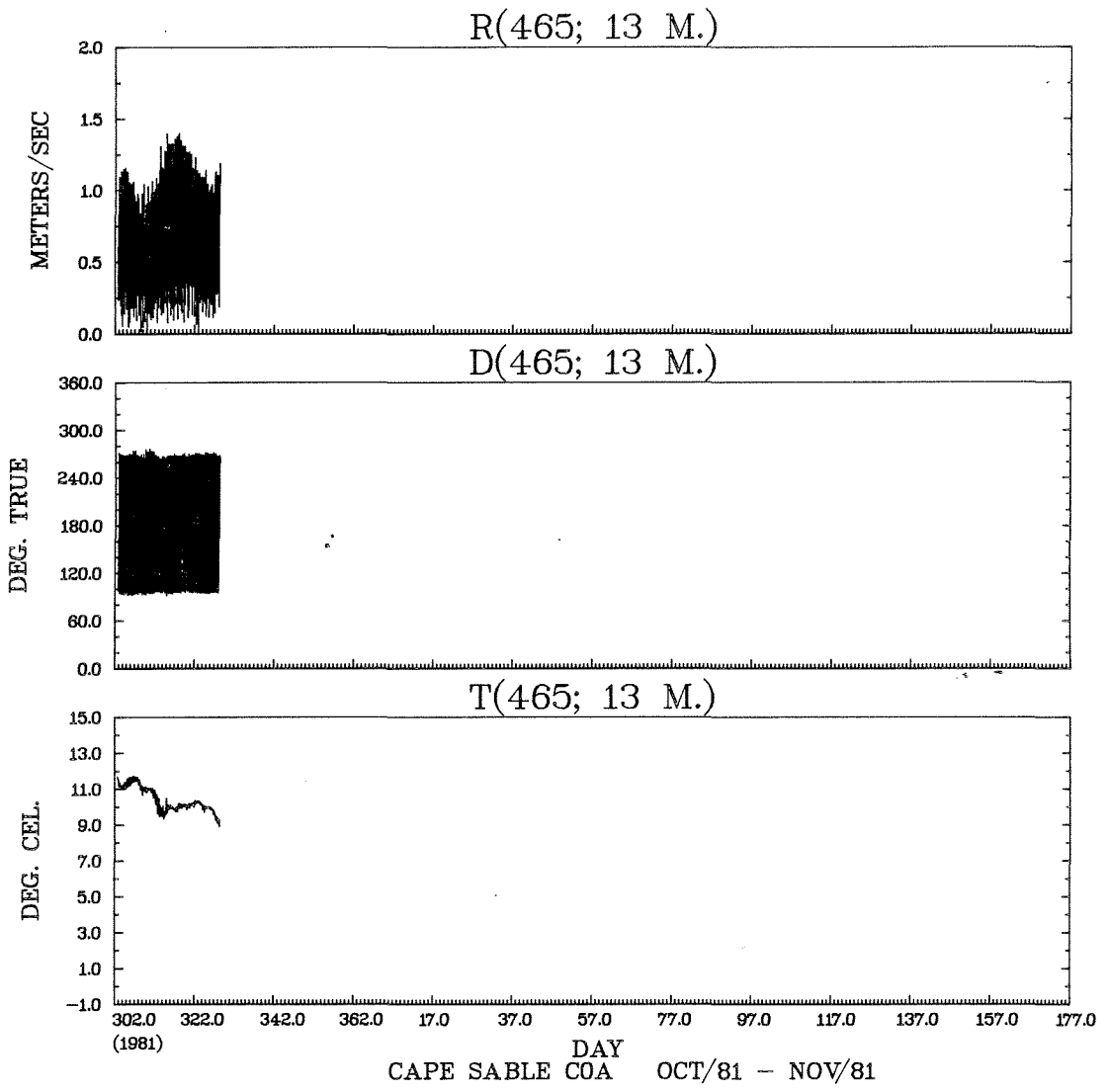
STN. 465, 13 M.

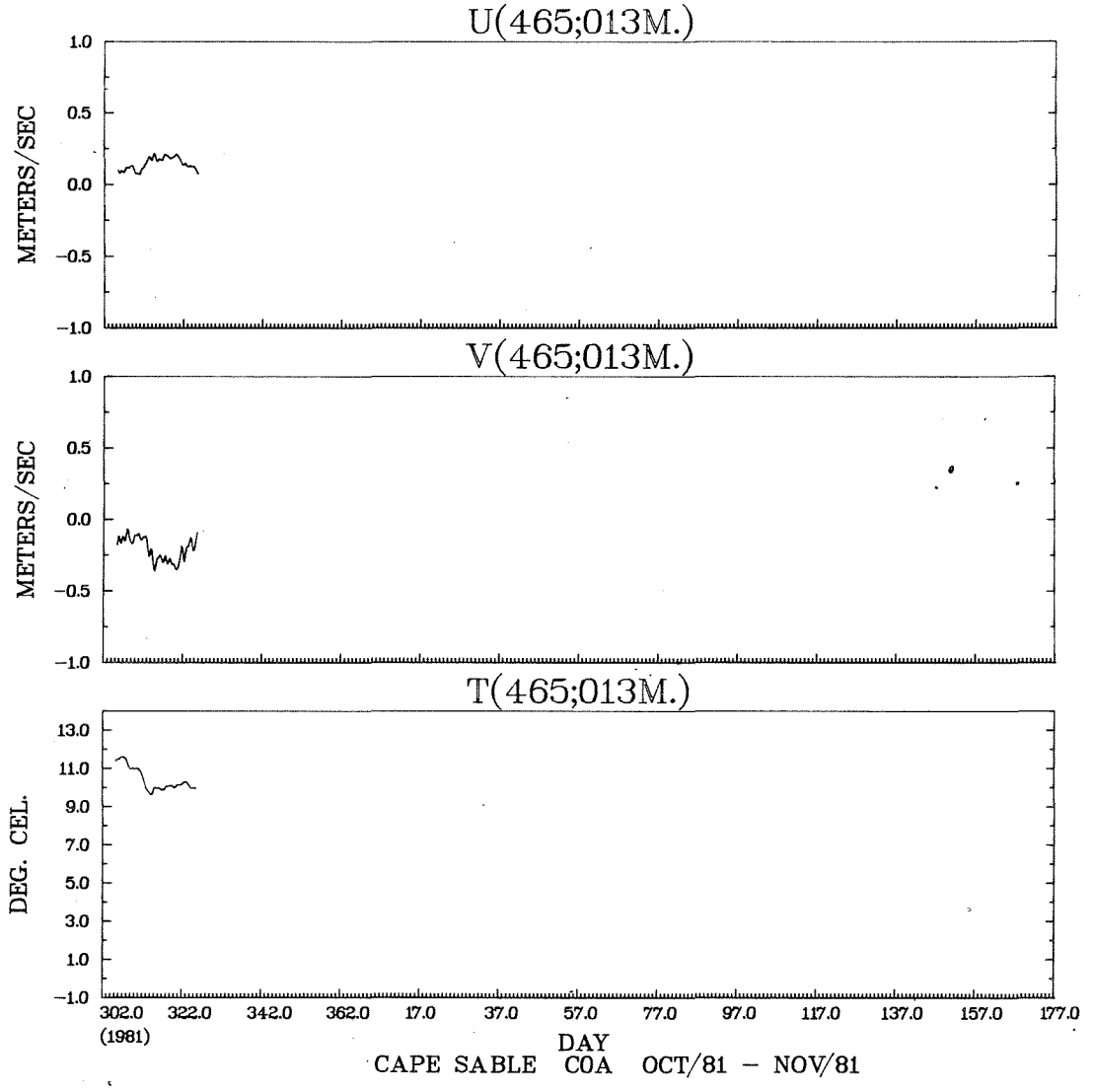


STN. 465, 13 M.



CAPE SABLE COA OCT/81 – NOV/81


R(465; 13 M.)
METERS/SEC
2.0
1.5
1.0
0.5
0.0
D(465; 13 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(465; 13 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE COA OCT/81 - NOV/81


U(465;013M.)
METERS/SEC
1.0
0.5
0.0
-0.5
-1.0
V(465;013M.)
METERS/SEC
1.0
0.5
0.0
-0.5
-1.0
T(465;013M.)
DEG. CEL.
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
302.0
(1981)
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
DAY
CAPE SABLE COA OCT/81 - NOV/81

JOINT DISTRIBUTION (PERCENT)

VD(465;013M.) VS VS(465;013M.)

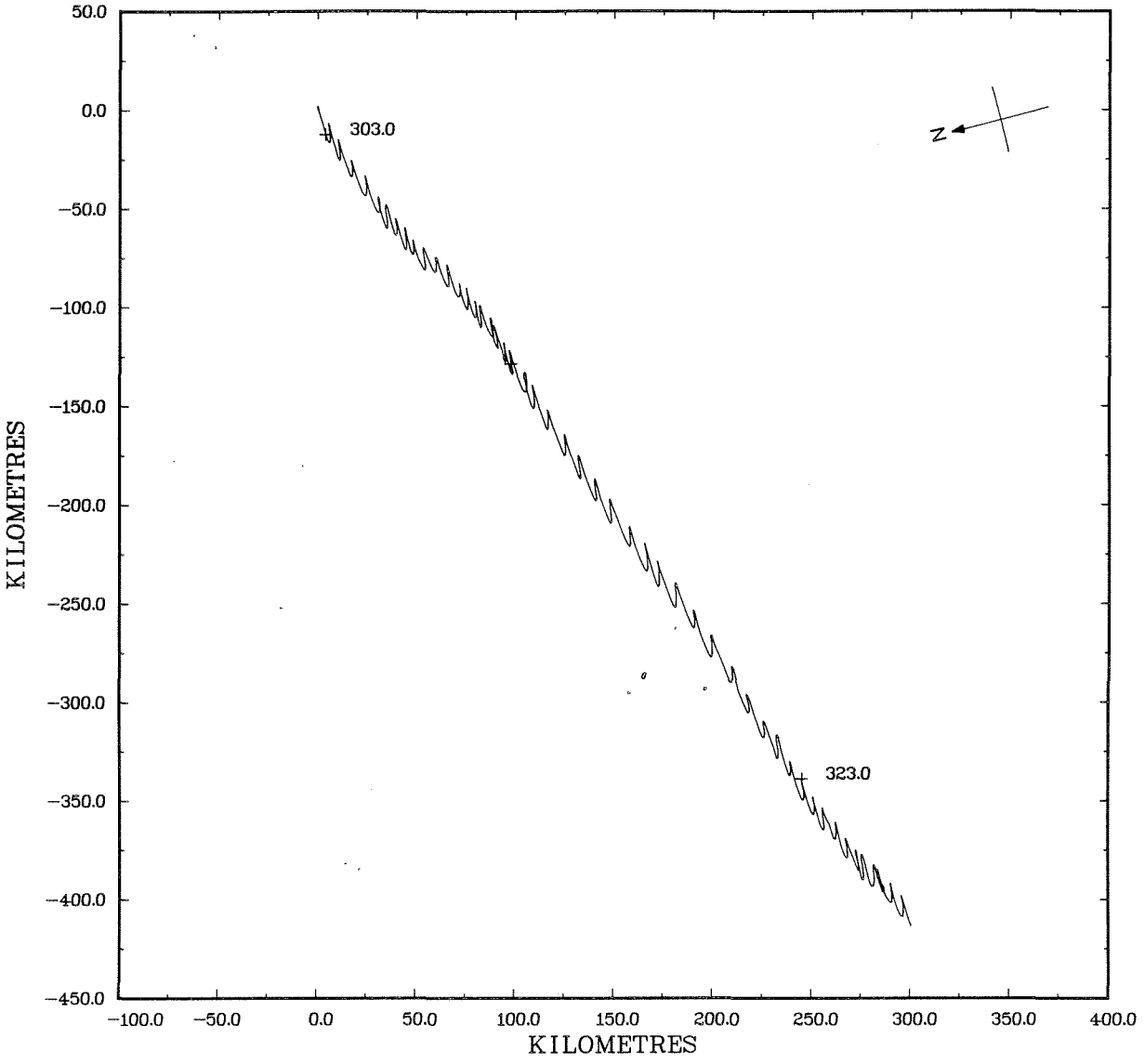
DEG. TRUE / METERS/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50	1	*									.2			
1.30 TO	1.40	16	*									2.6			
1.20 TO	1.30	31	*				.2					4.9			
1.10 TO	1.20	40	*				1.1					5.3			
1.00 TO	1.10	64	*				2.3					8.1			
.90 TO	1.00	69	*				4.1					7.1			
.80 TO	.90	67	*				5.2					5.0	.6		
.70 TO	.80	56	*				4.7					3.4	1.0		
.60 TO	.70	53	*				4.5					3.1	1.0		
.50 TO	.60	43	*				3.4					2.8	.8		
.40 TO	.50	34	*				2.4					2.4	.6		
.30 TO	.40	46	*				4.2	.6			.2	2.3	.2		
.20 TO	.30	39	*				1.6	1.6	.2	.2	1.0	1.3	.5		
.10 TO	.20	43	*				.8	1.1	.8	1.0	1.1	1.9	.2		
-.00 TO	.10	15	*				.8	.2	1.0	.2		.3			
OUT OF RANGE		0	0												
SUB TOTAL		617	0				218	22	12	8	14	313	30		

HISTOGRAM OF T(465;013M.) DEG. CEL.

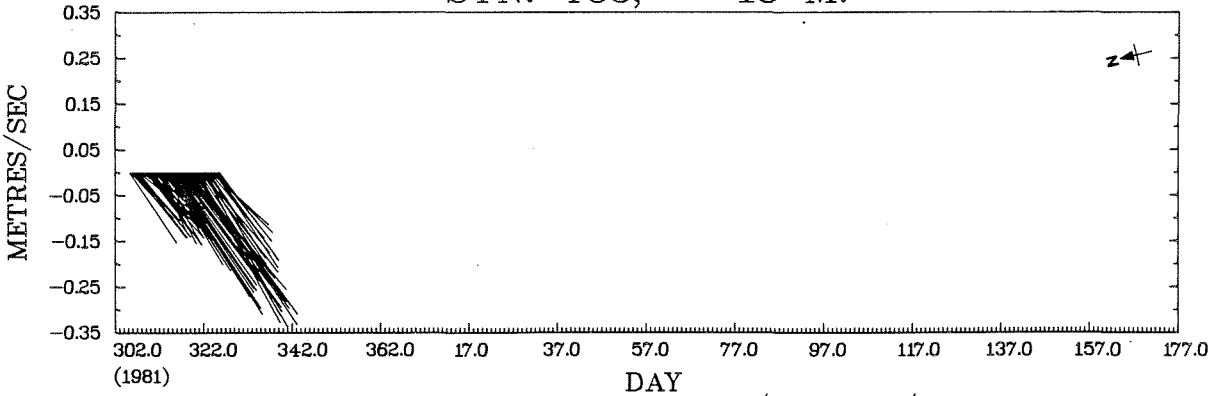
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	0	0.0	
3.00	3.50	0	0.0	
3.50	4.00	0	0.0	
4.00	4.50	0	0.0	
4.50	5.00	0	0.0	
5.00	5.50	0	0.0	
5.50	6.00	0	0.0	
6.00	6.50	0	0.0	
6.50	7.00	0	0.0	
7.00	7.50	0	0.0	
7.50	8.00	0	0.0	
8.00	8.50	0	0.0	
8.50	9.00	2	.3	*
9.00	9.50	33	5.3	**********
9.50	10.00	172	27.9	**********
10.00	10.50	179	29.0	**********
10.50	11.00	53	8.6	**********
11.00	11.50	129	20.9	**********
11.50	12.00	49	7.9	**********
12.00	12.50	0	0.0	
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 617
OUTSIDE RANGE 0

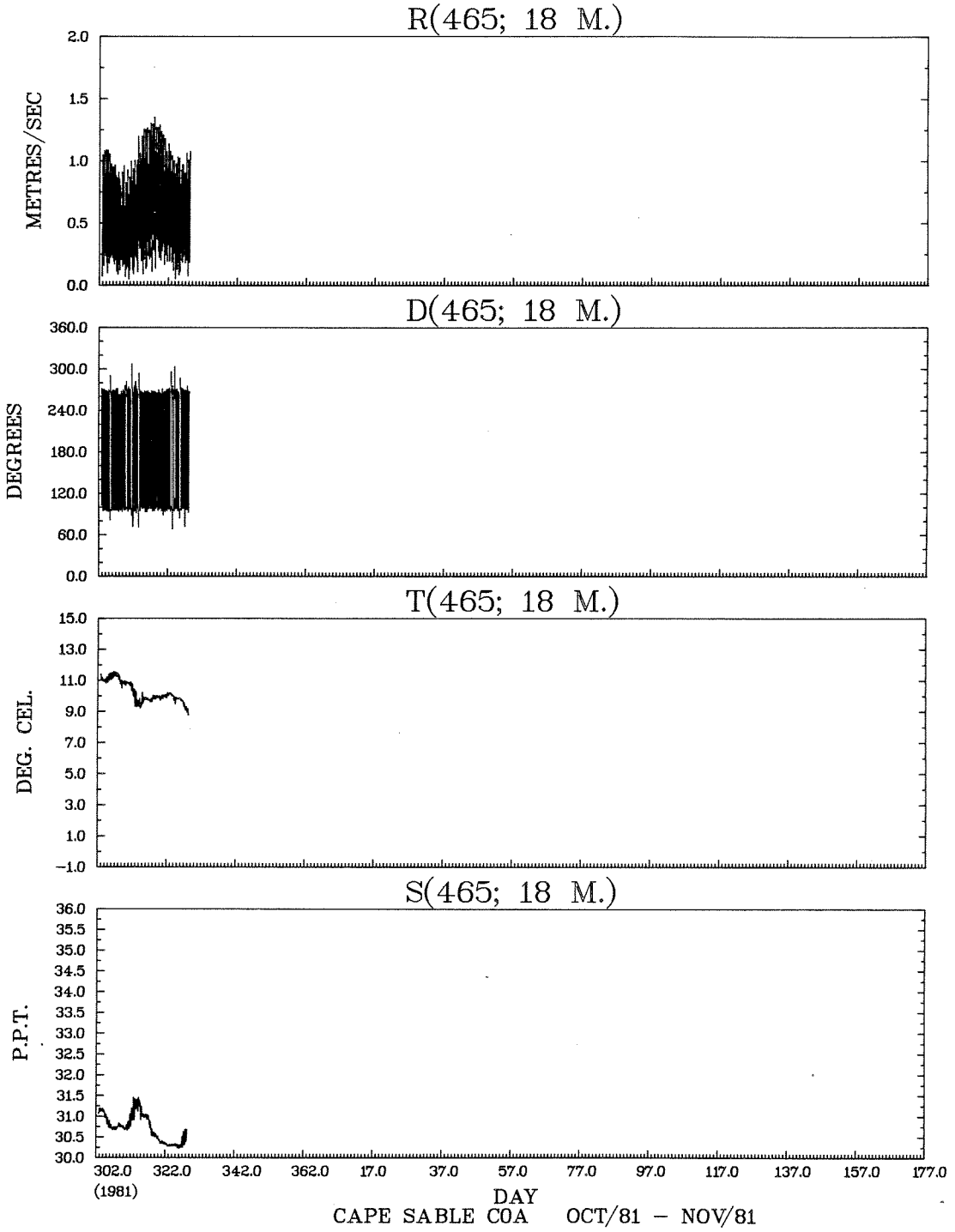
STN. 465, 18 M.

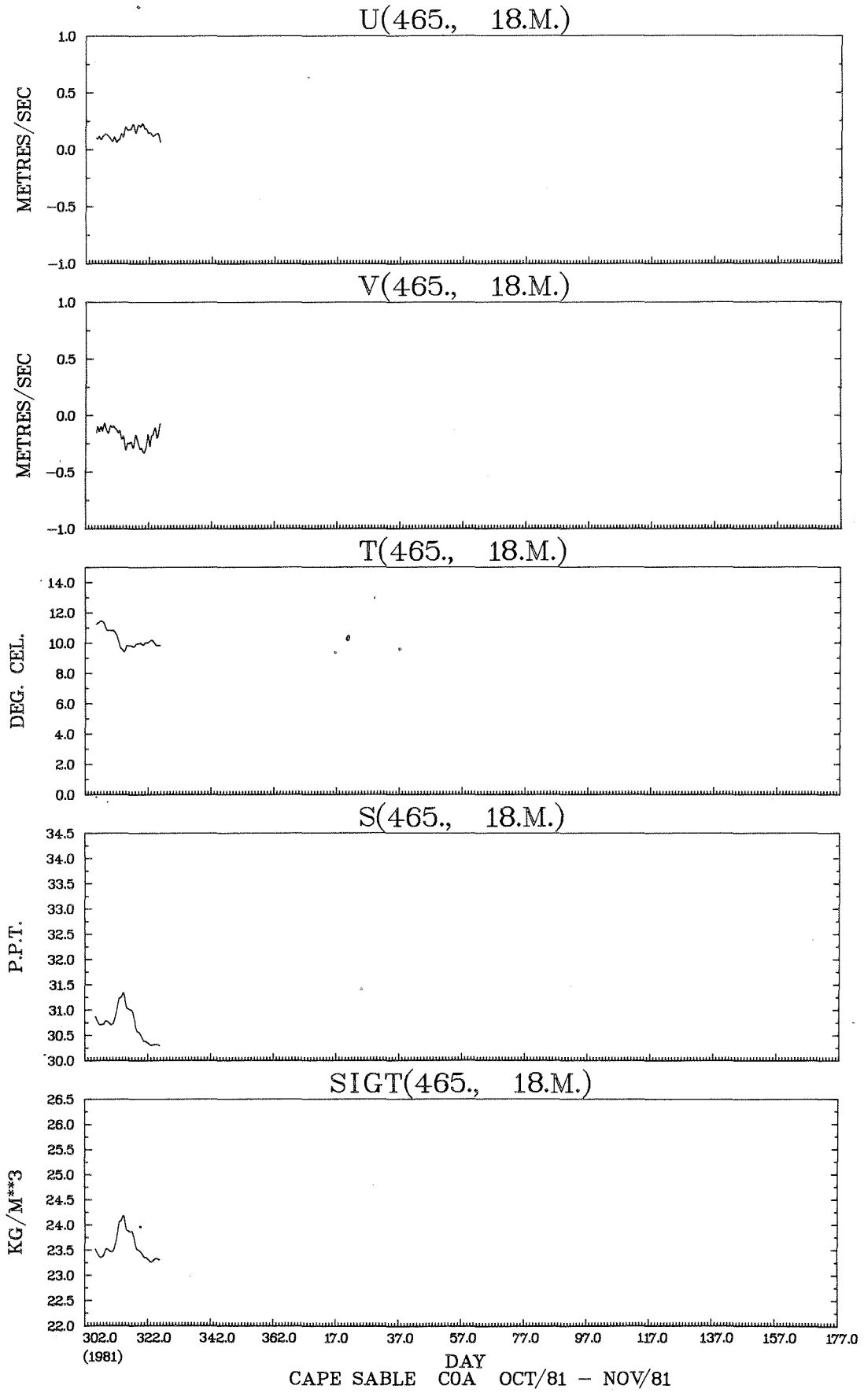


STN. 465, 18 M.



CAPE SABLE COA OCT/81 – NOV/81


R(465; 18 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(465; 18 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(465; 18 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(465; 18 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE COA OCT/81 - NOV/81


U(465., 18.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(465., 18.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(465., 18.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(465., 18.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(465., 18.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
(1981)
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
DAY
CAPE SABLE COA OCT/81 − NOV/81

JOINT DISTRIBUTION (PERCENT)

D(465., 18.M.) VS R(465., 18.M.)

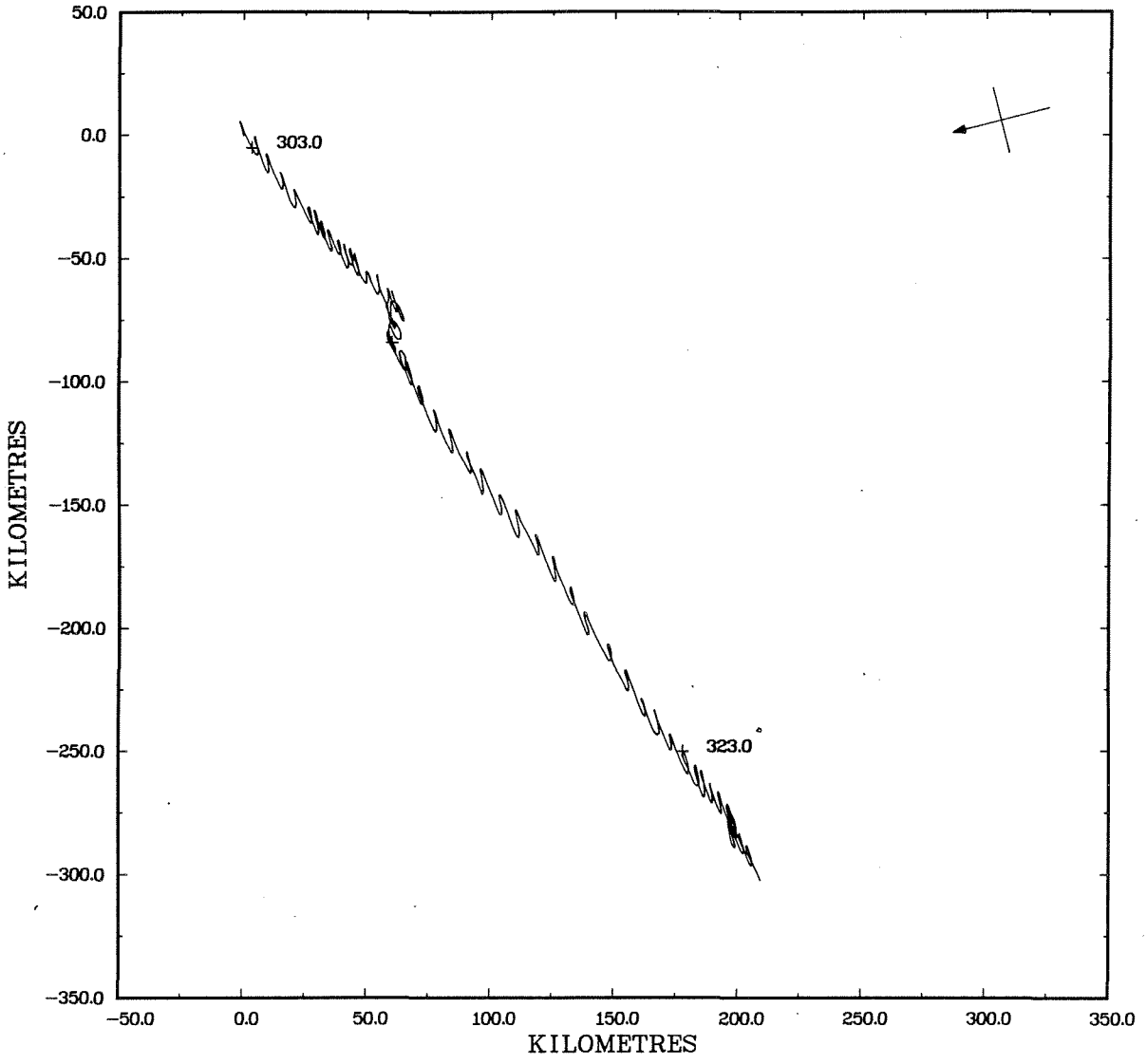
DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	4	*									.6			
1.20 TO	1.30	23	*				.2					3.6			
1.10 TO	1.20	23	*									3.6	.2		
1.00 TO	1.10	50	*				1.0					6.2	1.0		
.90 TO	1.00	66	*			.2	2.8					6.7	1.1		
.80 TO	.90	89	*			.5	6.0					6.2	1.8		
.70 TO	.80	55	*				4.4					3.2	1.3		
.60 TO	.70	60	*			.2	4.7					3.6	1.3		
.50 TO	.60	48	*				4.4					2.8	.6		
.40 TO	.50	58	*			.2	4.5	.2			.2	3.9	.5		
.30 TO	.40	48	*			.2	3.1	1.3			.5	2.8			
.20 TO	.30	43	*			.3	.6	1.6	.3	.6	1.6	1.3	.5		
.10 TO	.20	39	*			.2	.6	1.1	.6	1.6	1.0	.6	.3	.2	
-.00 TO	.10	10	*			.2		.3		.5	.3	.2		.2	
OUT OF RANGE		0	0												
SUB TOTAL		616	0			11	199	28	6	17	22	278	53	2	

JOINT DISTRIBUTION (PERCENT)

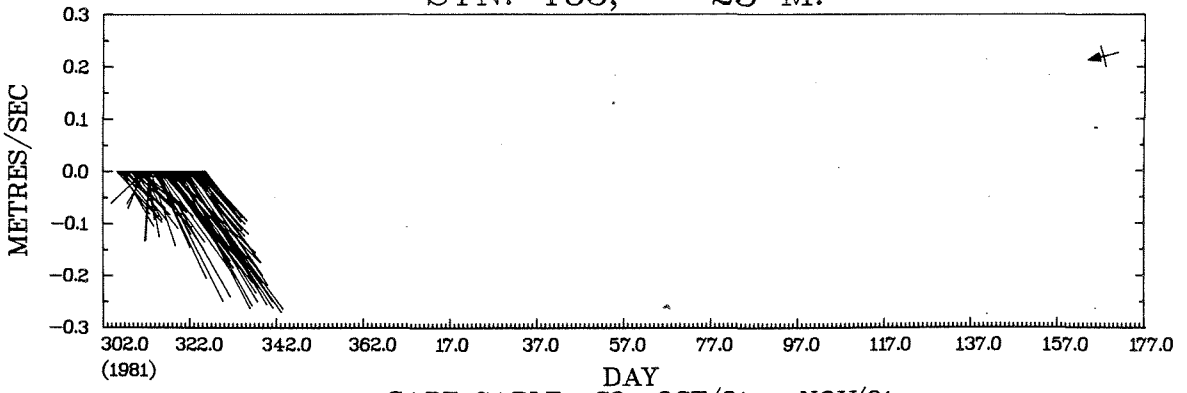
T(465., 18.M.) VS S(465., 18.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50		*										
31.50 TO	32.00		*										
31.00 TO	31.50	151	*						20.3	4.2			
30.50 TO	31.00	272	*					1.5	28.6	14.1			
30.00 TO	30.50	193	*						31.3				
OUT OF RANGE		0	0										
SUB TOTAL		616	0					9	494	113			

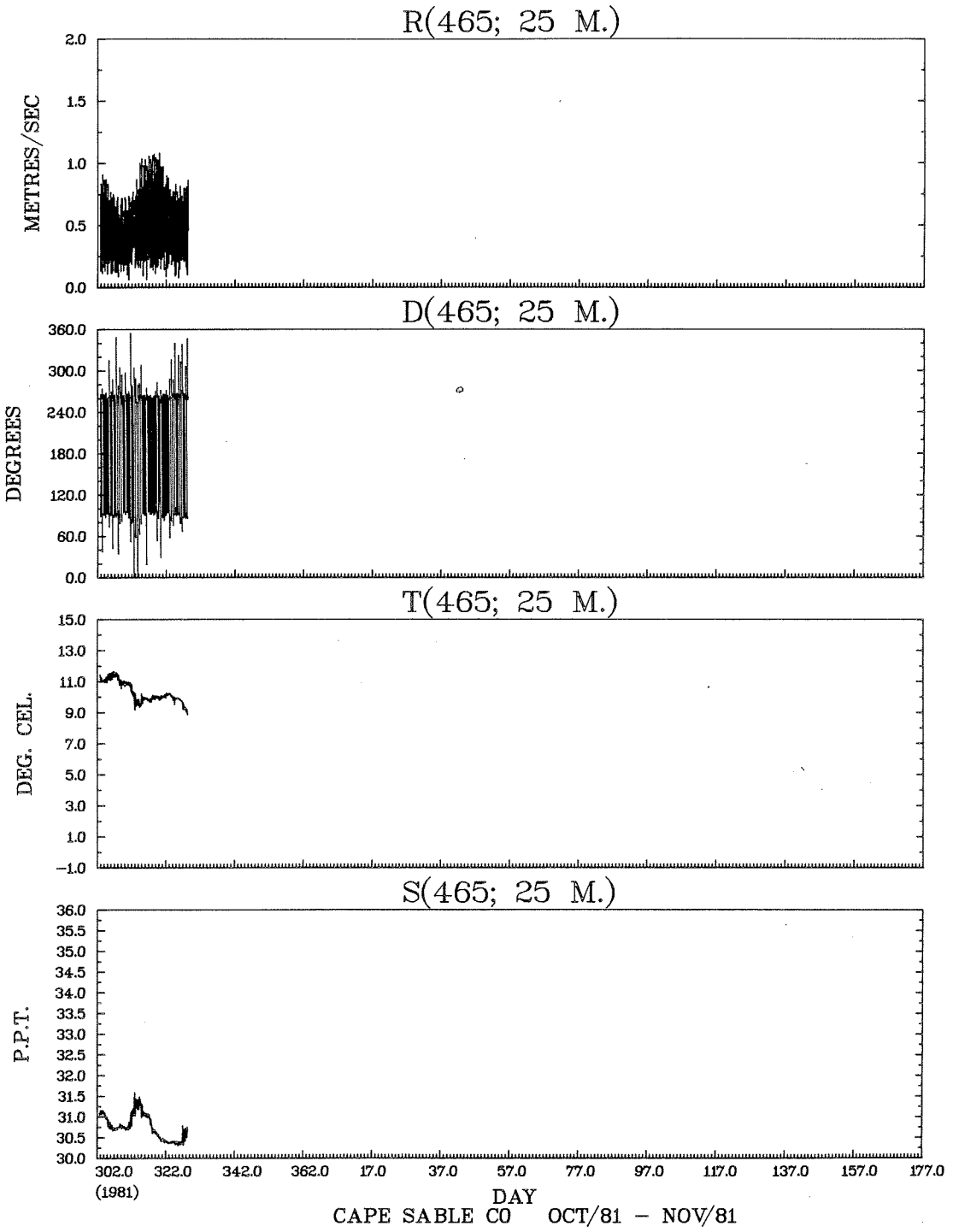
STN. 465, 25 M.

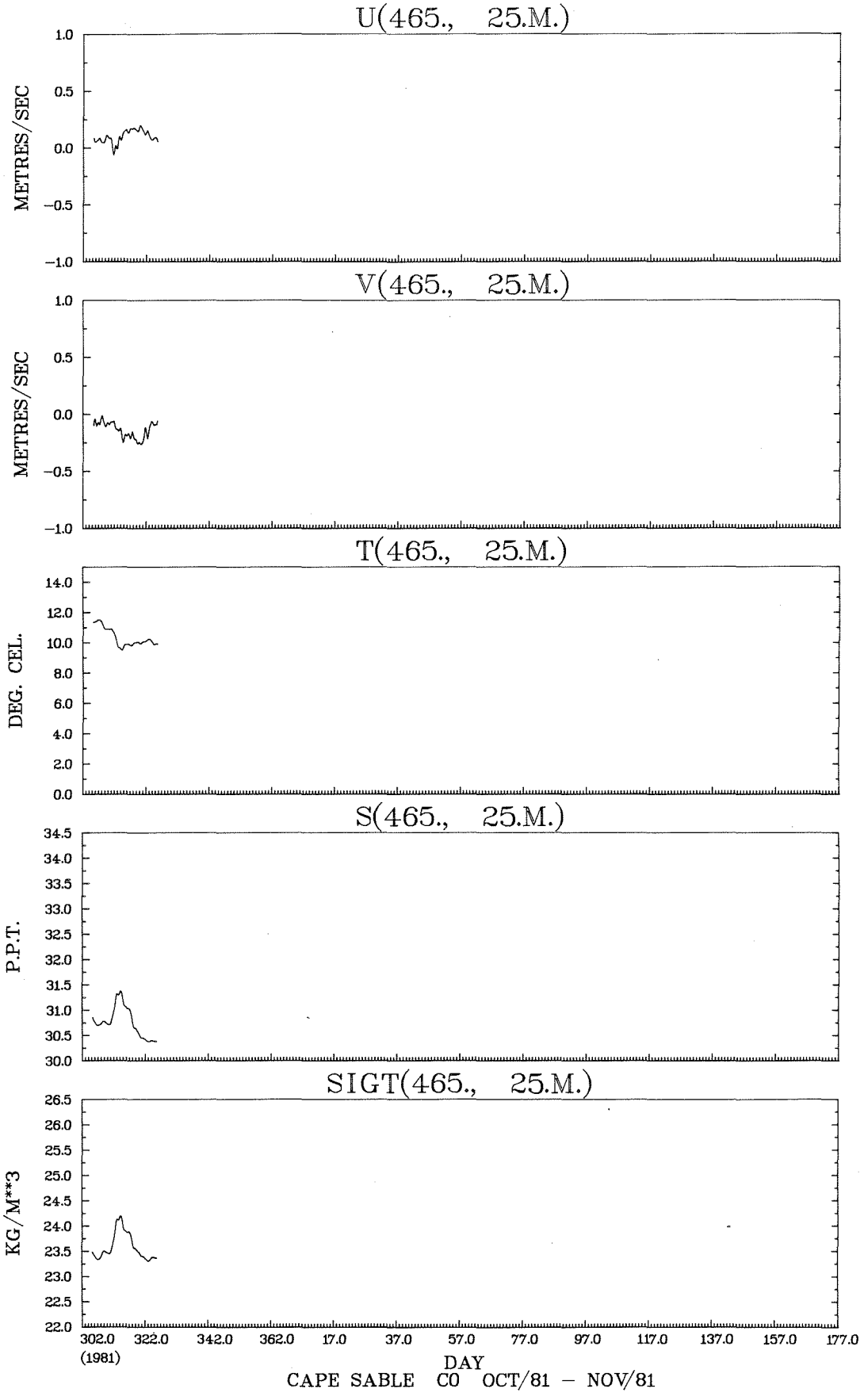


STN. 465, 25 M.



CAPE SABLE CO OCT/81 – NOV/81


R(465; 25 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(465; 25 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(465; 25 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(465; 25 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE CO OCT/81 - NOV/81


U(465., 25.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(465., 25.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(465., 25.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(465., 25.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(465., 25.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE CO OCT/81 – NOV/81

JOINT DISTRIBUTION (PERCENT)

D(465., 25.M.) VS R(465., 25.M.)

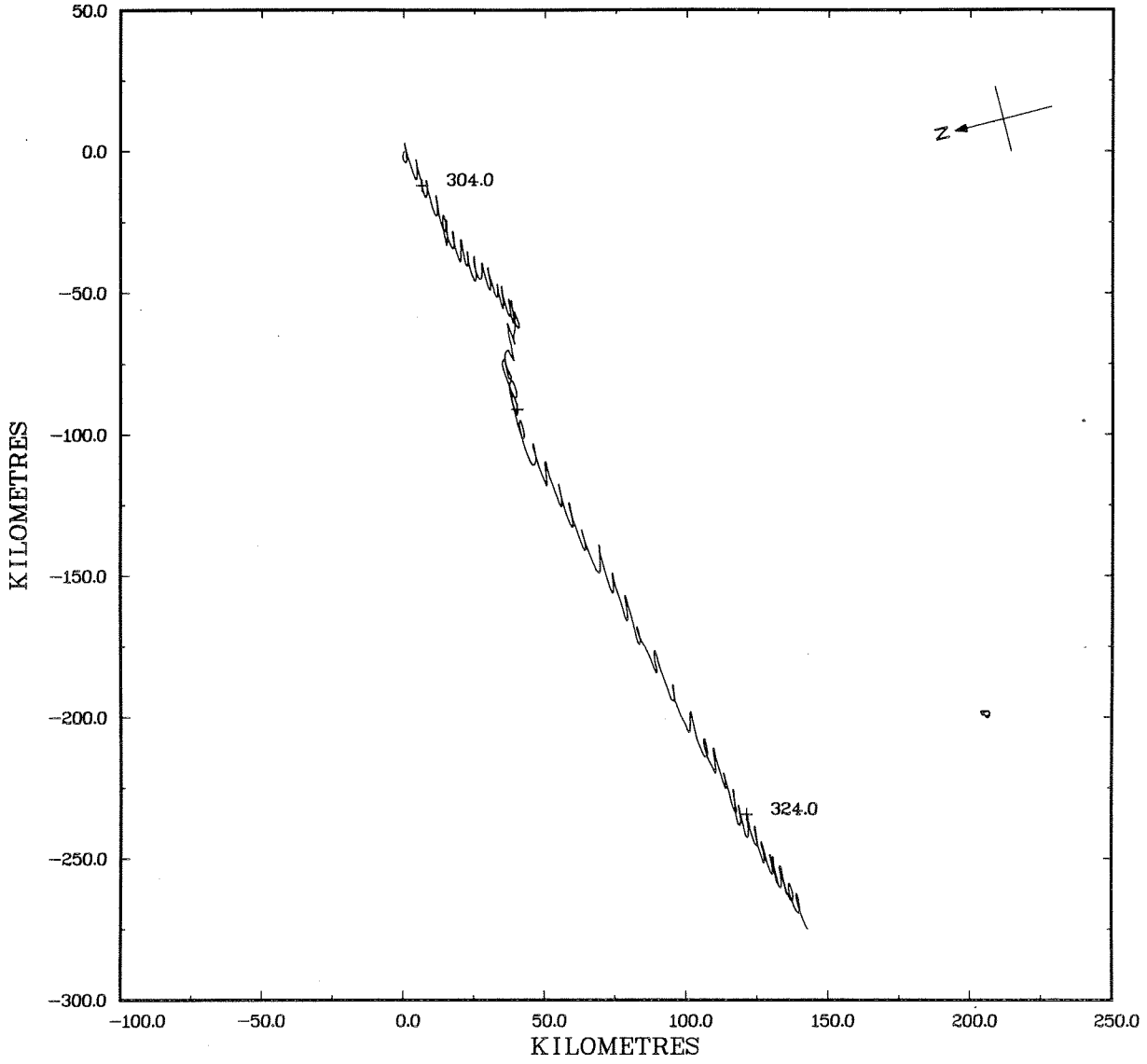
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10	19	*									3.1			
.90 TO	1.00	27	*				.5					3.9			
.80 TO	.90	53	*			.6	1.1					6.8			
.70 TO	.80	85	*			2.3	3.1					7.8	.6		
.60 TO	.70	106	*			3.2	4.7					6.8	2.4		
.50 TO	.60	86	*			1.6	5.0					6.0	1.3		
.40 TO	.50	61	*		.2	.5	2.9				.2	5.0	1.0	.2	
.30 TO	.40	57	*	.2		.8	3.2	.3	.2			3.7	.6	.2	
.20 TO	.30	66	*		.2	1.3	1.8	1.8	.3	.2	1.6	2.7	.3	.2	.3
.10 TO	.20	51	*	.3	.6		.8	.6	1.6	1.1	1.5	.5	.2	.6	.3
-.00 TO	.10	8	*	.2	.2			.2	.2	.2	.2			.2	.2
OUT OF RANGE		0	0												
SUB TOTAL		619	0	4	7	64	143	18	14	9	21	286	40	8	5

JOINT DISTRIBUTION (PERCENT)

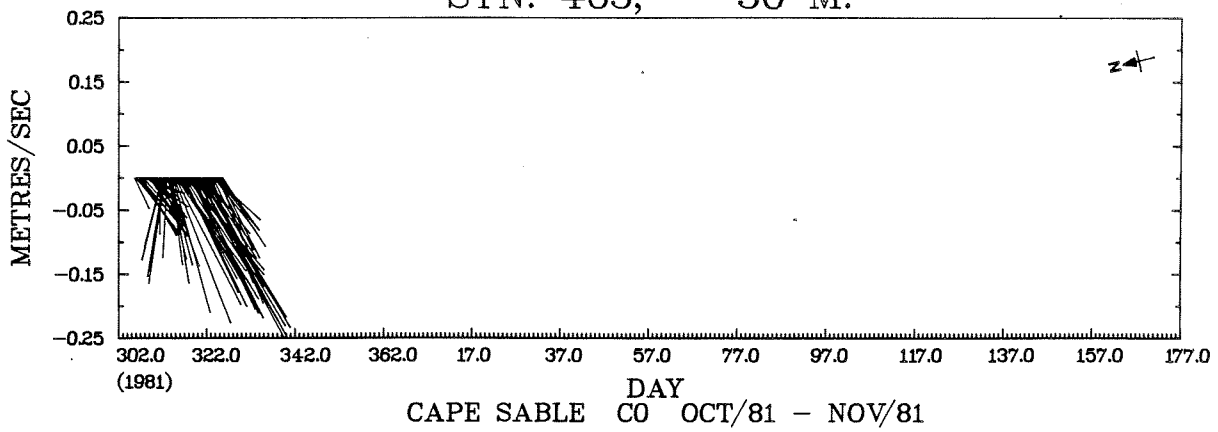
T(465., 25.M.) VS S(465., 25.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00		*										
32.00 TO 32.50		*										
31.50 TO 32.00	2	*						.3				
31.00 TO 31.50	166	*						20.4	6.5			
30.50 TO 31.00	282	*					.6	28.6	16.3			
30.00 TO 30.50	169	*						27.3				
OUT OF RANGE	0	0										
SUB TOTAL	619	0					4	474	141			

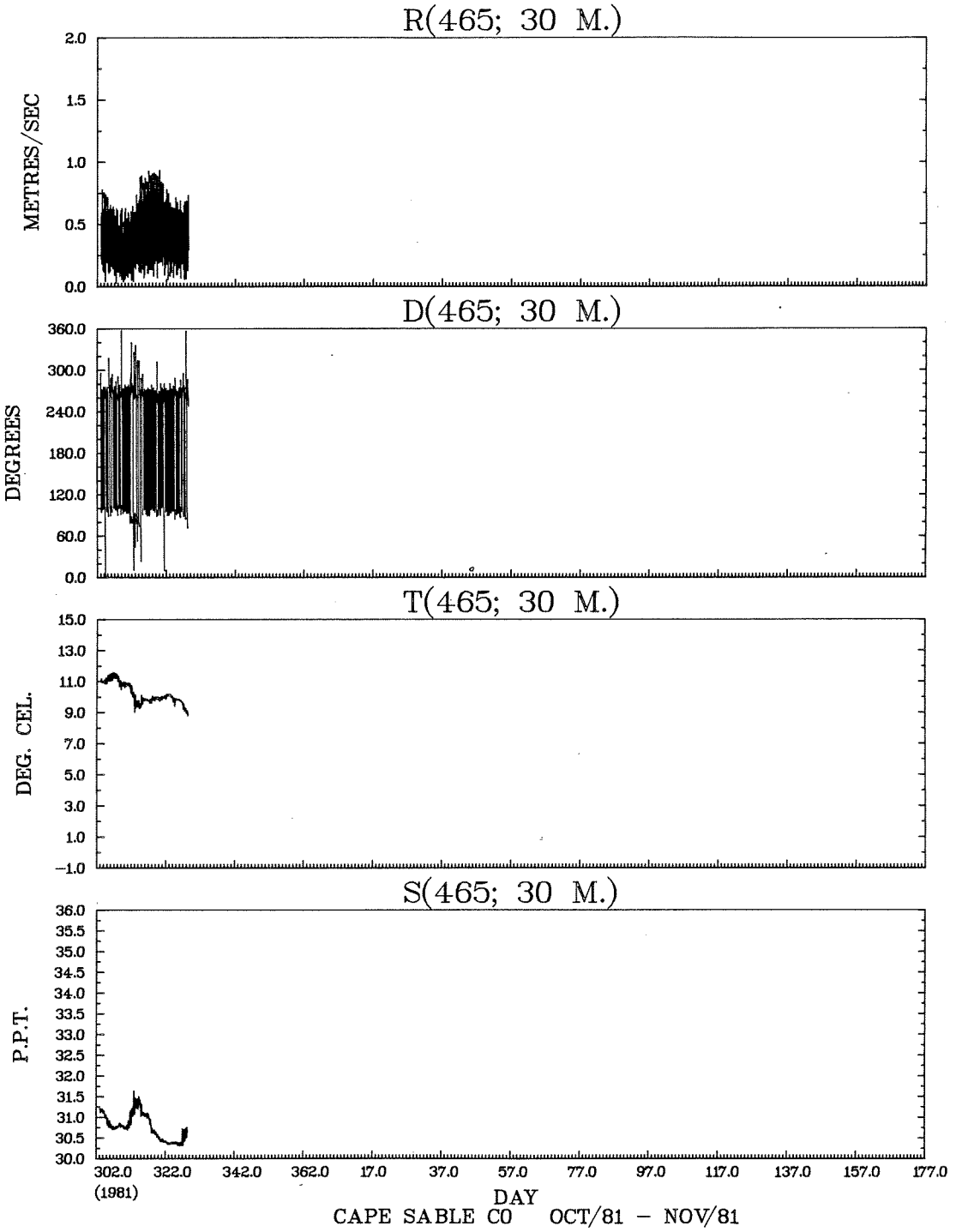
STN. 465, 30 M.

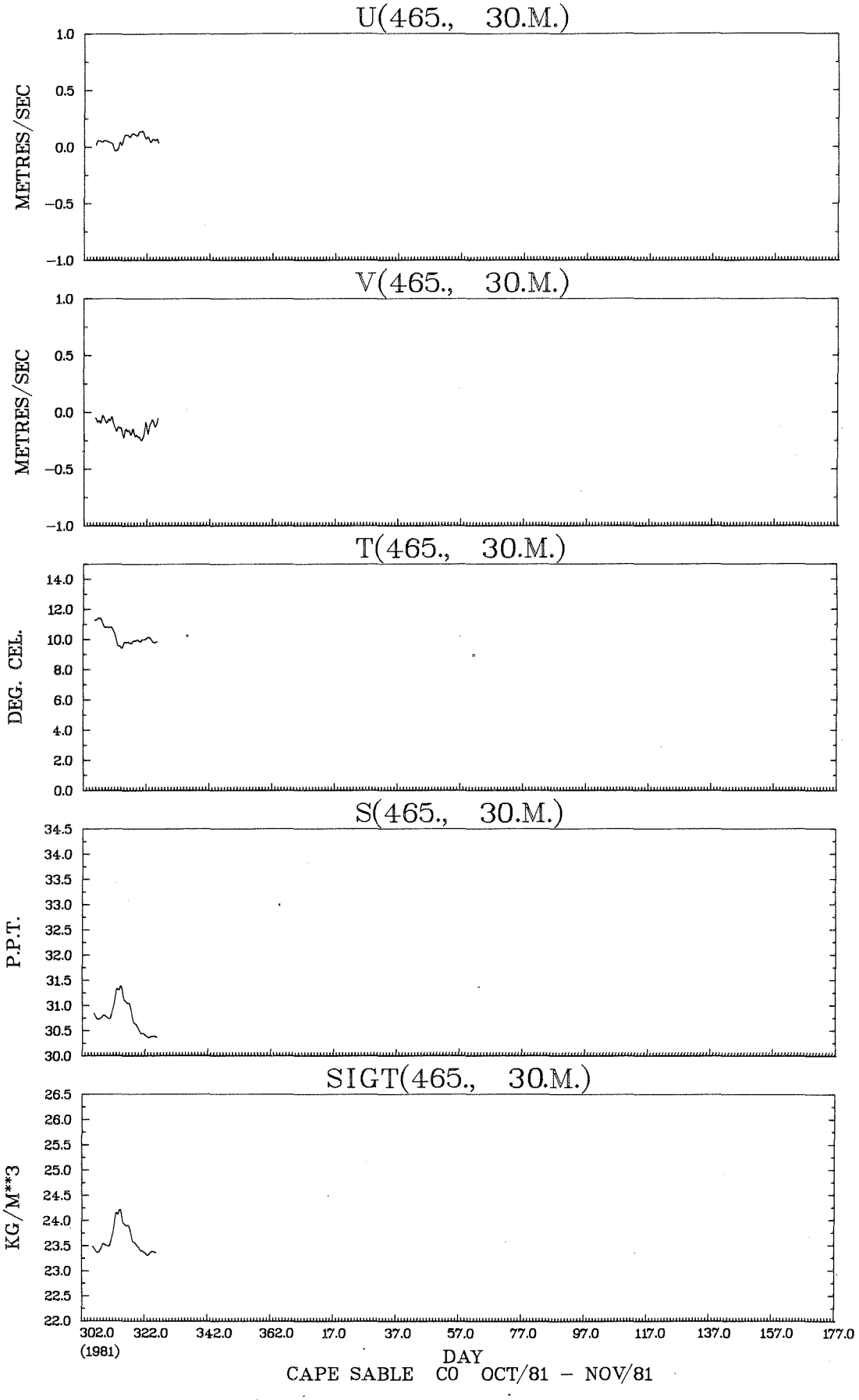


STN. 465, 30 M.



CAPE SABLE CO OCT/81 – NOV/81


R(465; 30 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(465; 30 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(465; 30 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(465; 30 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE CO OCT/81 - NOV/81


U(465., 30.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(465., 30.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(465., 30.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(465., 30.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(465., 30.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE CO OCT/81 − NOV/81

JOINT DISTRIBUTION (PERCENT)

D(465., 30.M.) VS R(465., 30.M.)

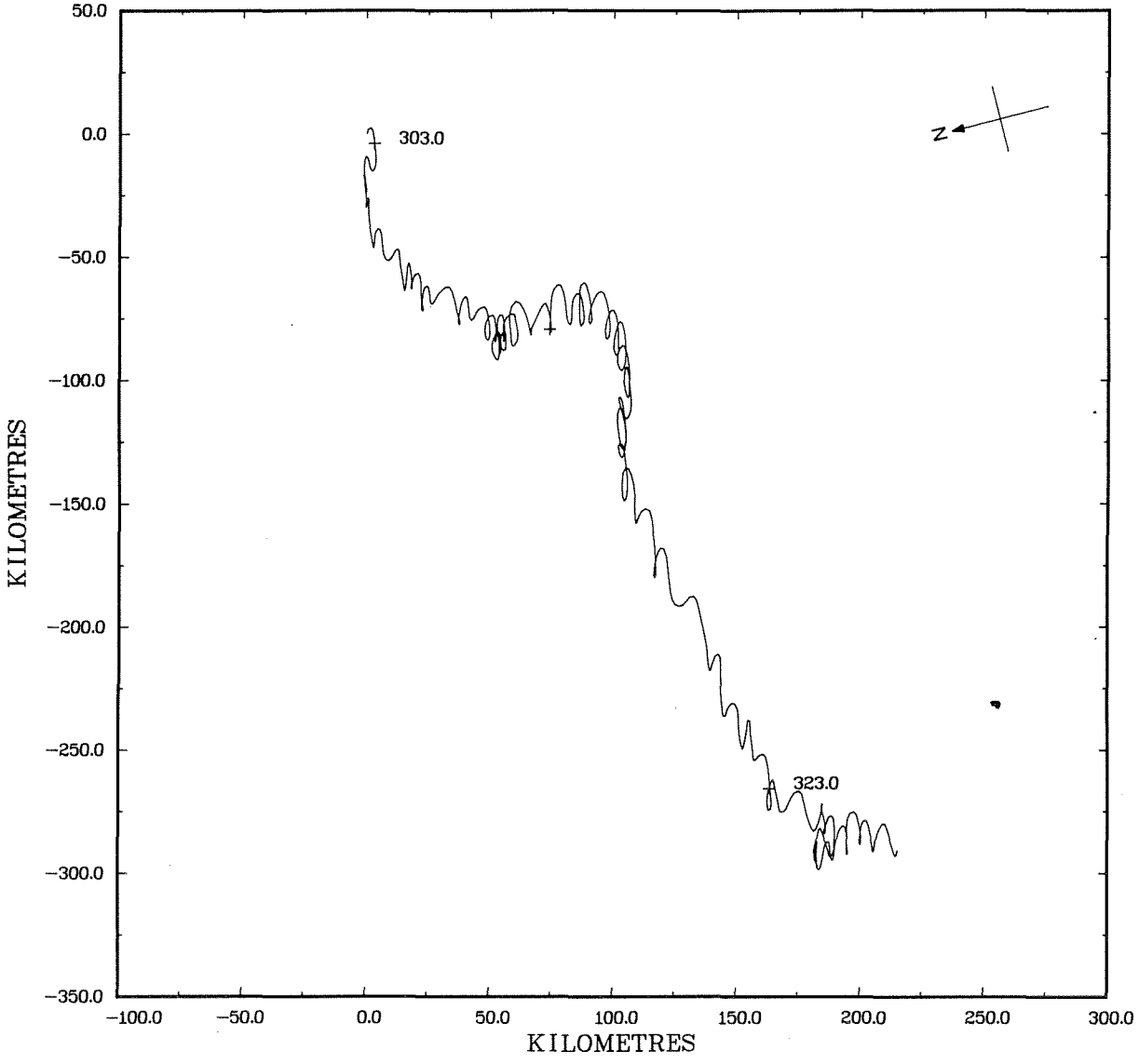
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	7	*									1.0	.2		
.80 TO	.90	31	*			.2	.2					4.1	.7		
.70 TO	.80	37	*				.7					4.2	1.1		
.60 TO	.70	95	*			.5	3.9					6.7	4.4		
.50 TO	.60	127	*			2.0	8.5					4.7	5.6		
.40 TO	.50	86	*			1.5	4.6					3.3	4.7		
.30 TO	.40	75	*			.8	5.1					4.1	2.3		
.20 TO	.30	71	*		.2	.3	3.6	1.8	.2	.2	.7	2.9	1.5	.3	
.10 TO	.20	58	*	.3	.2	.7	1.1	1.6	.5	.3	1.8	1.5	1.0	.3	.2
-.00 TO	.10	25	*	.3		.2		.2	1.3	1.0	.3	.2		.2	.5
OUT OF RANGE		0	0												
SUB TOTAL		612	0	4	2	37	169	22	12	9	17	200	131	5	4

JOINT DISTRIBUTION (PERCENT)

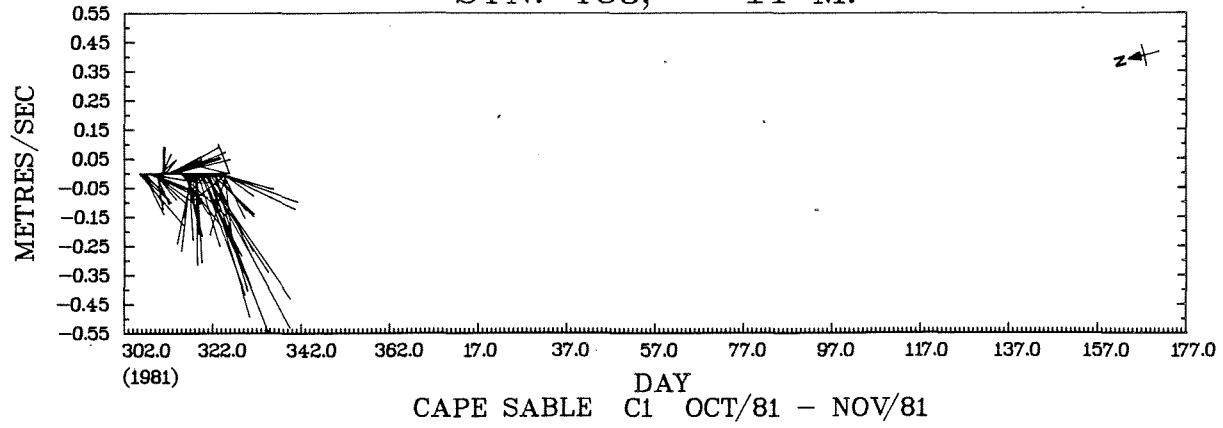
T(465., 30.M.) VS S(465., 30.M.)

P.P.T. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00		*										
32.00 TO 32.50		*										
31.50 TO 32.00	3	*					.2	.3				
31.00 TO 31.50	169	*						24.7	2.9			
30.50 TO 31.00	269	*					1.8	28.1	14.1			
30.00 TO 30.50	171	*						27.9				
OUT OF RANGE	0	0										
SUB TOTAL	612	0					12	496	104			

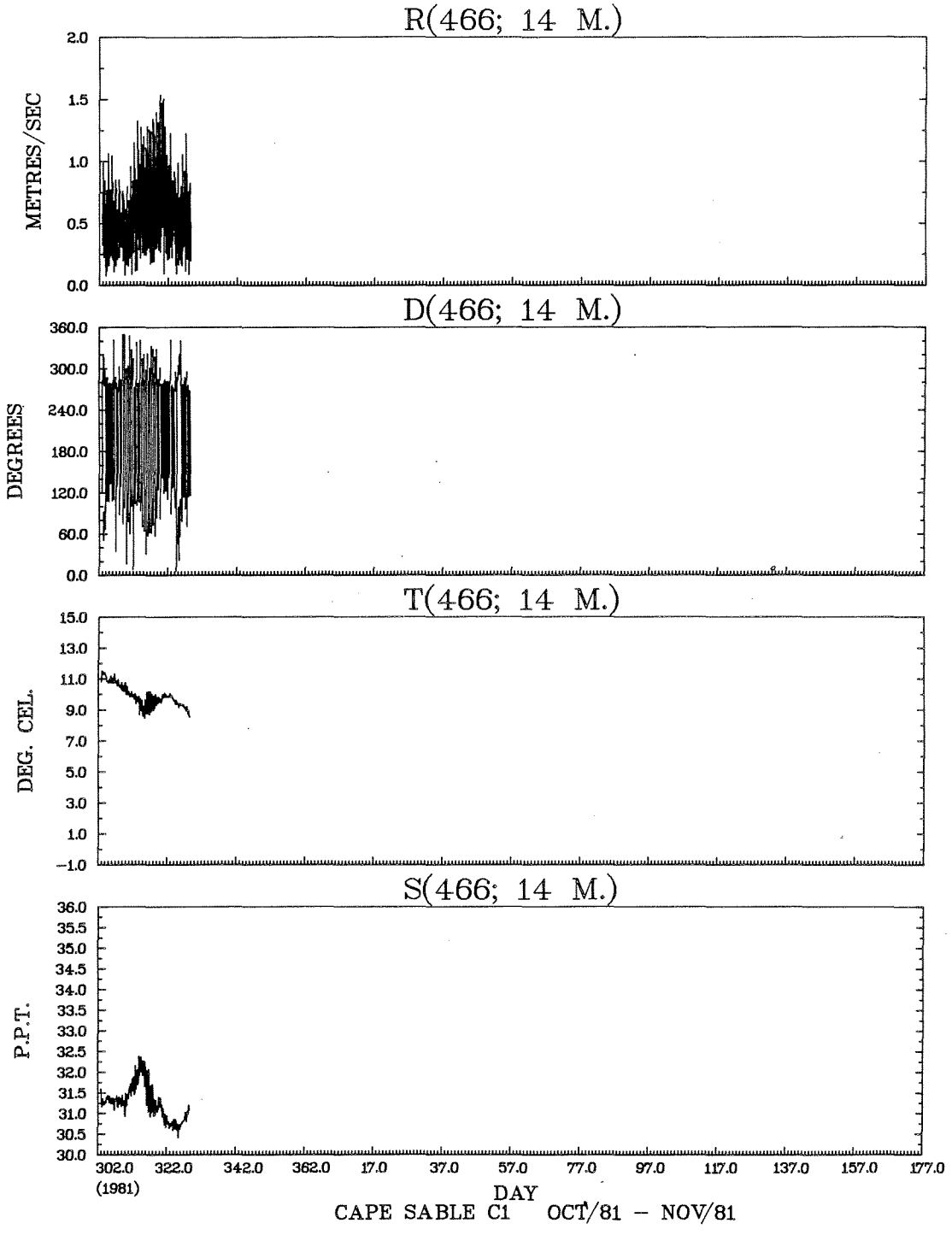
STN. 466, 14 M.

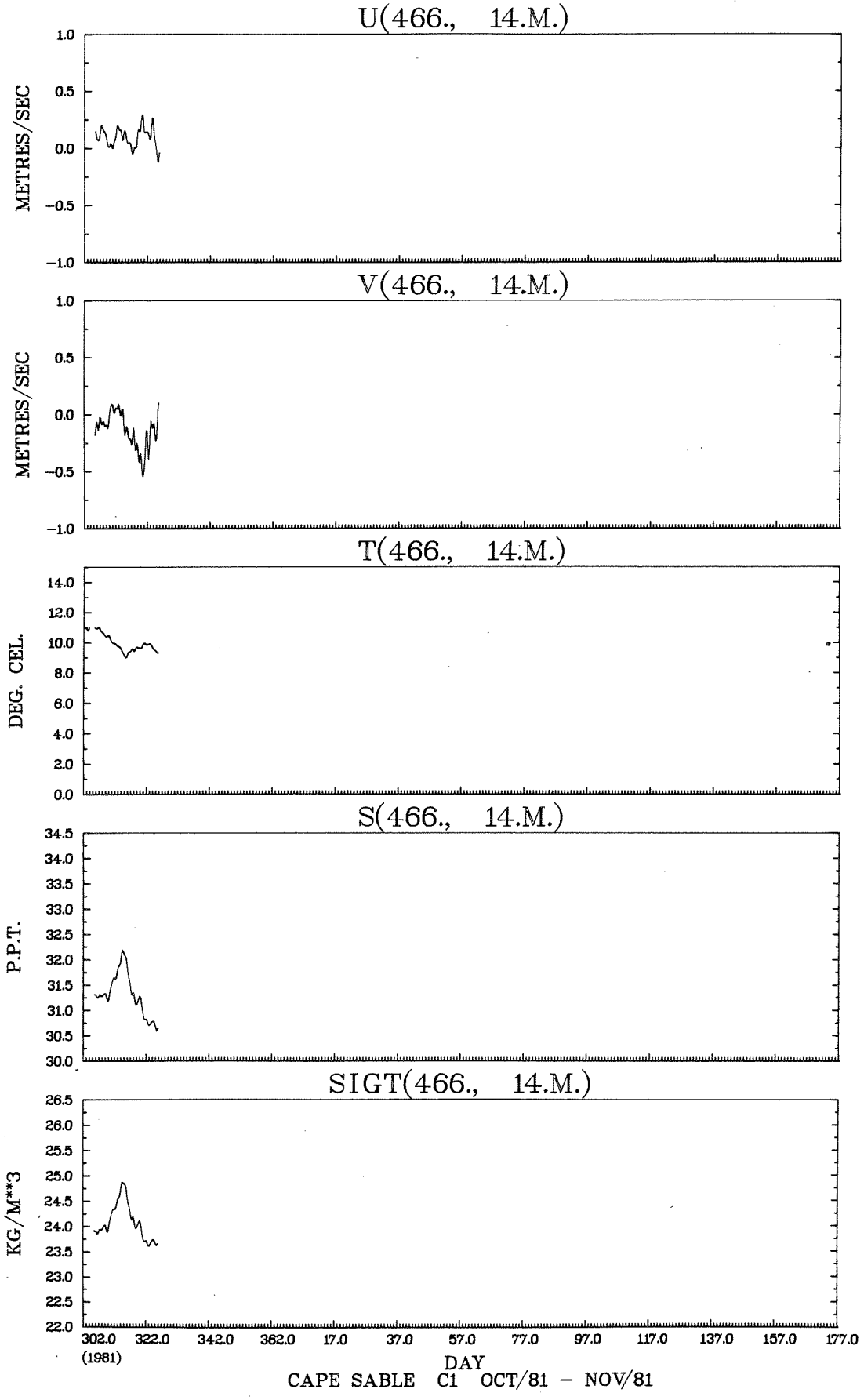


STN. 466, 14 M.



CAPE SABLE C1 OCT/81 – NOV/81


R(466; 14 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(466; 14 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(466; 14 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(466; 14 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 - NOV/81


U(466., 14.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(466., 14.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(466., 14.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(466., 14.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(466., 14.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 − NOV/81

JOINT DISTRIBUTION (PERCENT)

D(466., 14.M.) VS R(466., 14.M.)

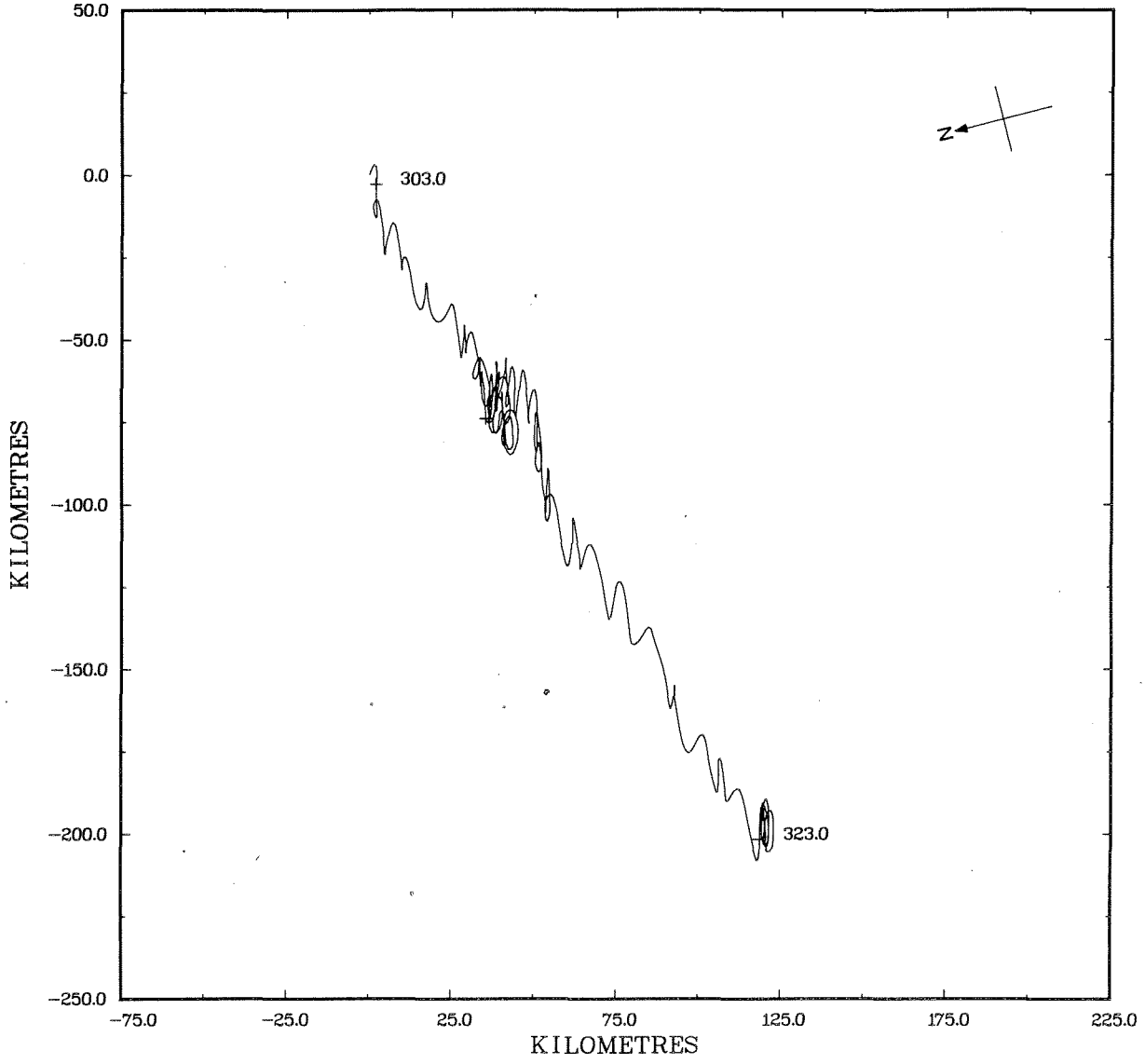
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	2	*										.3		
1.40 TO	1.50	4	*										.6		
1.30 TO	1.40	7	*				.3						.8		
1.20 TO	1.30	19	*				.6						2.4		
1.10 TO	1.20	17	*				.6						2.1		
1.00 TO	1.10	23	*				1.3	.2					2.3		
.90 TO	1.00	38	*				2.1	.2				.6	3.2		
.80 TO	.90	47	*			.2	2.1	1.0				1.0	3.4		
.70 TO	.80	64	*				2.7	1.0	.2			1.6	4.8		
.60 TO	.70	82	*			1.0	2.1	2.9	.2			1.3	5.8		
.50 TO	.60	80	*			.2	3.4	2.7	.5			2.1	3.9	.2	
.40 TO	.50	76	*			.6	1.8	1.3	1.1	.3	1.0	2.4	3.2	.5	
.30 TO	.40	81	*		.2	1.1	1.6	1.5	1.6	1.3	1.0	1.3	1.6	1.6	.3
.20 TO	.30	51	*	.3	.8	.8	.3	.6	1.0	.8	.8	1.5	.5	.5	.3
.10 TO	.20	23	*	.2	.3	.3	.5	.6	.6		.2	.2		.2	.6
-.00 TO	.10	6	*	.2					.2	.3				.2	.2
OUT OF RANGE		0	0												
SUB TOTAL		620	0	4	8	26	121	74	33	17	18	74	217	19	9

JOINT DISTRIBUTION (PERCENT)

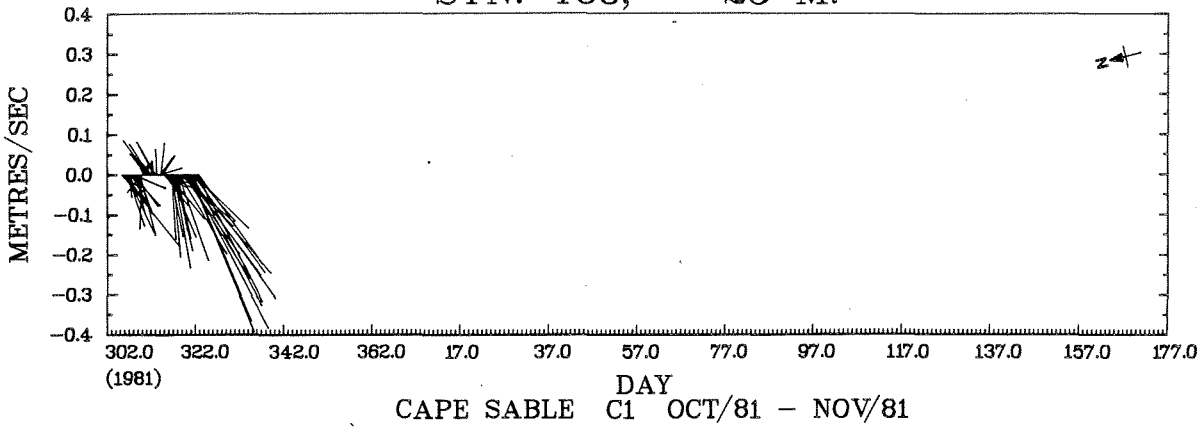
T(466., 14.M.) VS S(466., 14.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	53	*					4.5	4.0				
31.50 TO	32.00	89	*					1.3	12.9	.2			
31.00 TO	31.50	299	*					2.9	36.8	8.5			
30.50 TO	31.00	175	*					.3	27.9				
30.00 TO	30.50	4	*						.6				
OUT OF RANGE		0	0										
SUB TOTAL		620	0					56	510	54			

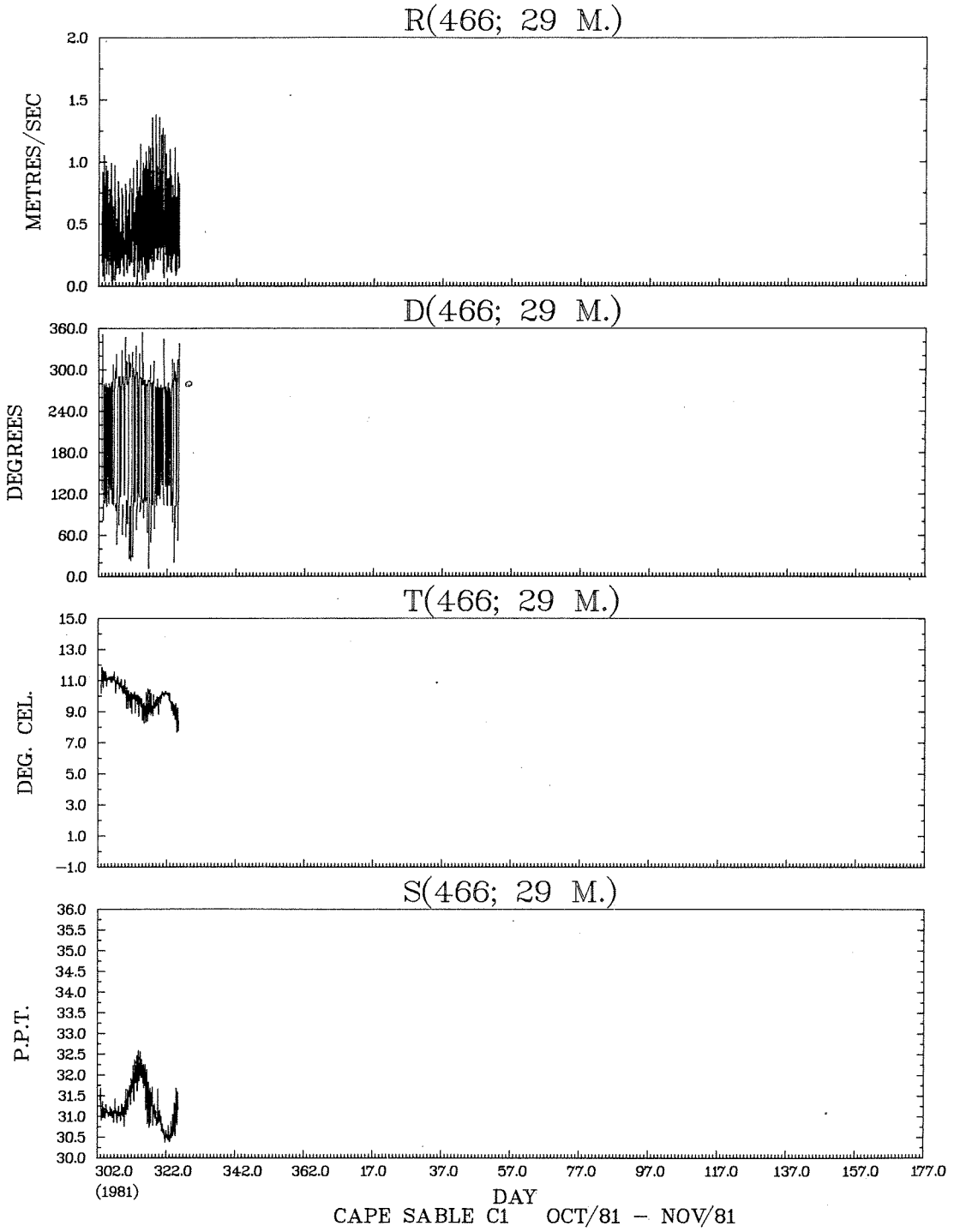
STN. 466, 29 M.

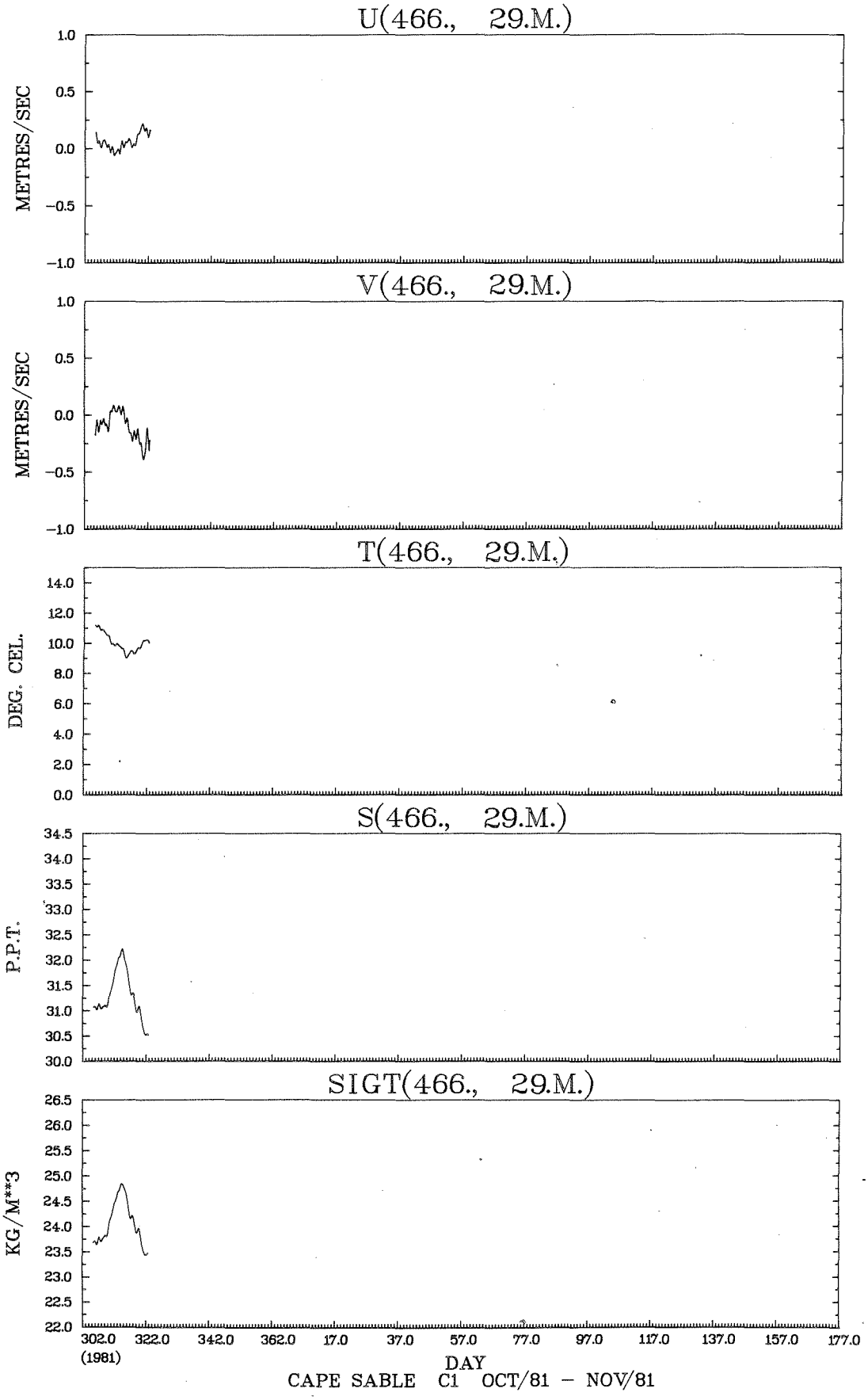


STN. 466, 29 M.



CAPE SABLE C1 OCT/81 – NOV/81


R(466; 29 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(466; 29 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(466; 29 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(466; 29 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 - NOV/81


U(466., 29.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(466., 29.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(466., 29.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(466., 29.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(466., 29.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 – NOV/81

JOINT DISTRIBUTION (PERCENT)

D(466., 29.M.) VS R(466., 29.M.)

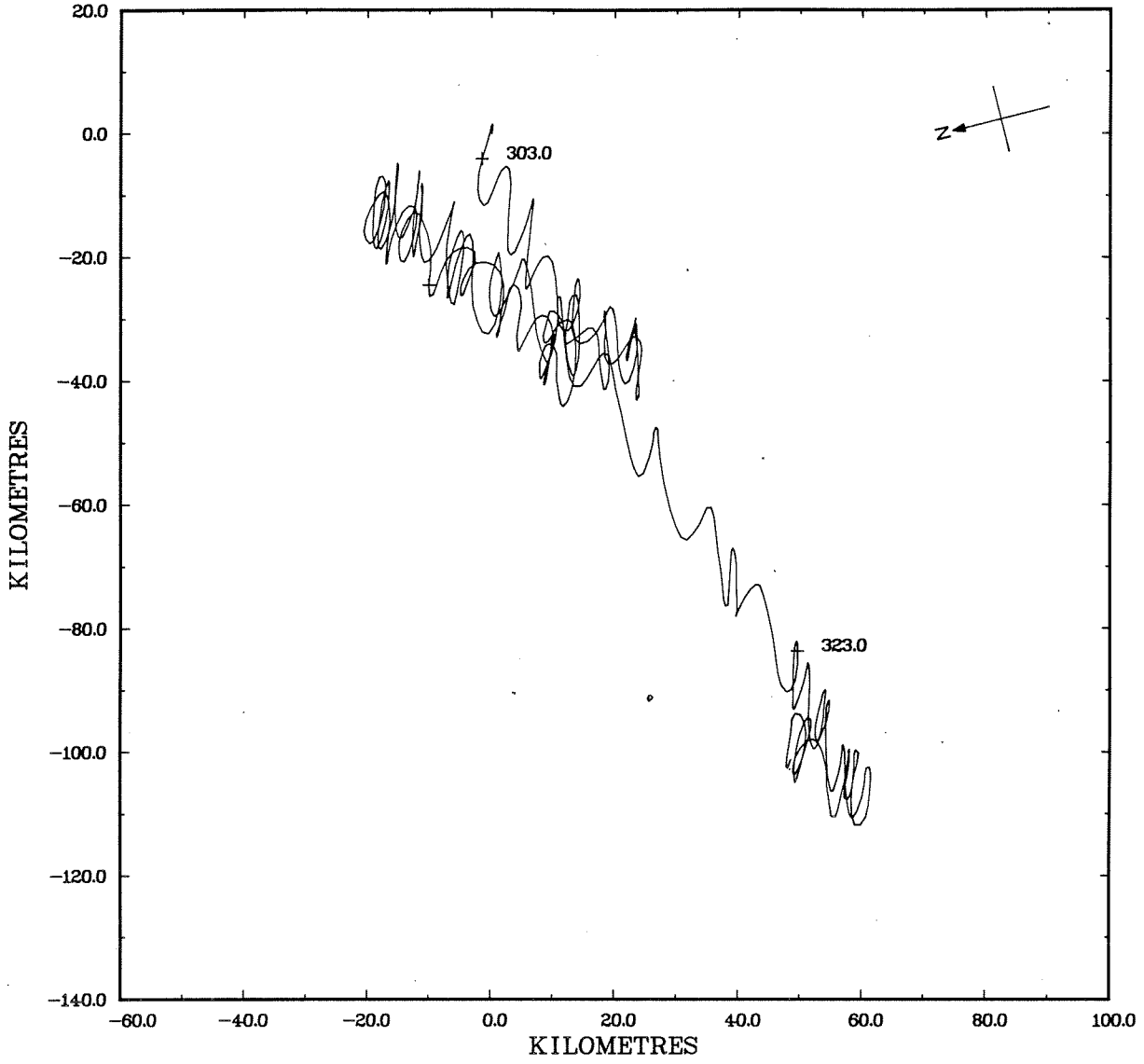
DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	5	*										.9		
1.20 TO	1.30	6	*									.2	.9		
1.10 TO	1.20	13	*				.7						1.6		
1.00 TO	1.10	15	*				.9					.4	1.5		
.90 TO	1.00	33	*				2.0						4.0		
.80 TO	.90	41	*				2.9					.2	4.4		
.70 TO	.80	60	*				4.2	.4				.2	6.2		
.60 TO	.70	50	*				3.3	.5				.9	4.2	.2	
.50 TO	.60	72	*			.9	4.2	2.0				1.5	4.4	.2	
.40 TO	.50	60	*			.4	3.1	1.5	.4			.7	4.4	.5	
.30 TO	.40	75	*	.2	.2	.4	2.4	2.2	.7		.5	2.6	3.5	.9	.2
.20 TO	.30	57	*	.2	.4	.9	1.3	2.2	.4	1.5	.4	1.1	.9	1.1	.2
.10 TO	.20	41	*	.5	.4	1.1	.2	.5	.7	.9	1.5	.2	.7	.5	.2
-.00 TO	.10	19	*				.2		.4	1.1	.4	.4	.2	.4	.5
OUT OF RANGE		0	0												
SUB TOTAL		547	0	5	5	20	139	51	14	19	15	45	207	21	6

JOINT DISTRIBUTION (PERCENT)

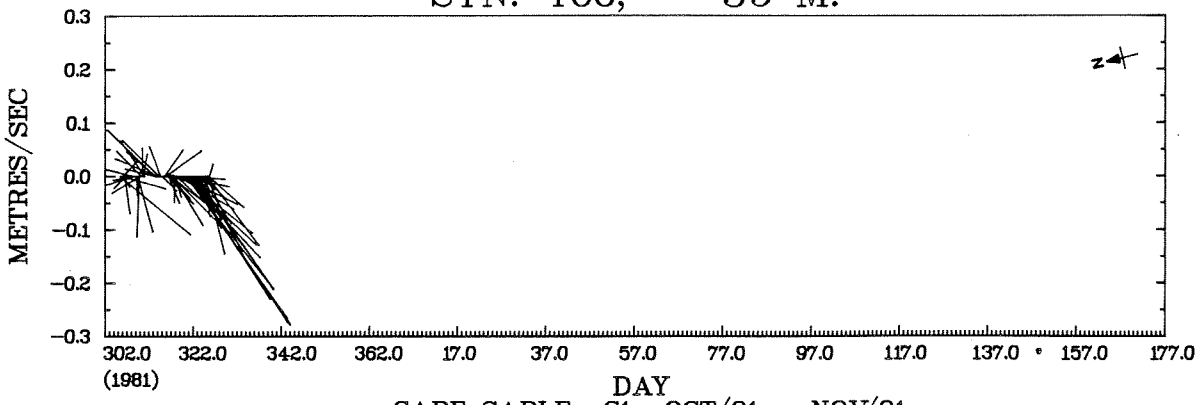
T(466., 29.M.) VS S(466., 29.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	5	*					.5	.4				
32.00 TO 32.50	41	*					2.2	5.3				
31.50 TO 32.00	100	*					3.1	15.2				
31.00 TO 31.50	234	*					2.7	27.2	12.8			
30.50 TO 31.00	141	*					.5	20.7	4.6			
30.00 TO 30.50	26	*						4.8				
OUT OF RANGE	0	0										
SUB TOTAL	547	0					50	402	95			

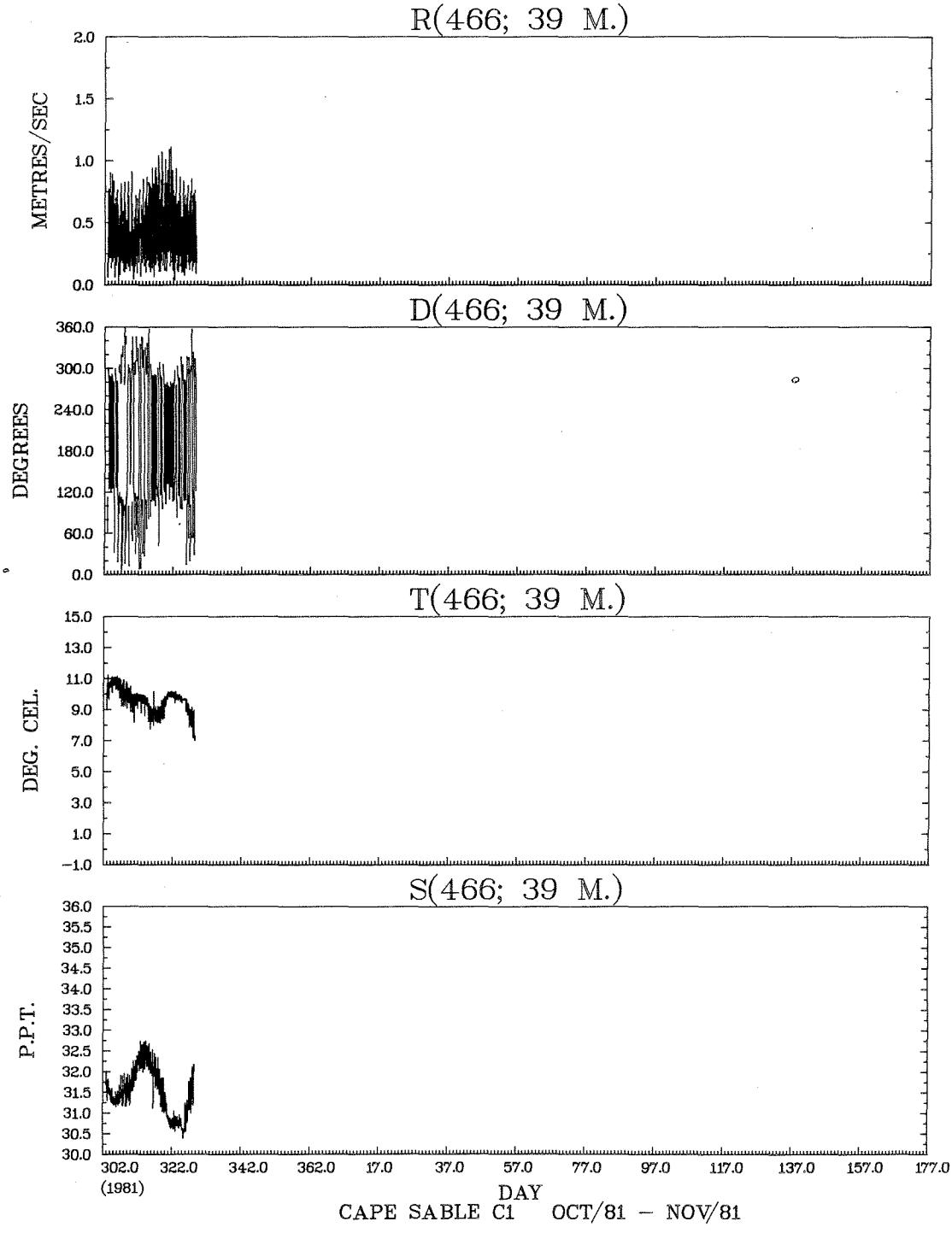
STN. 466, 39 M.

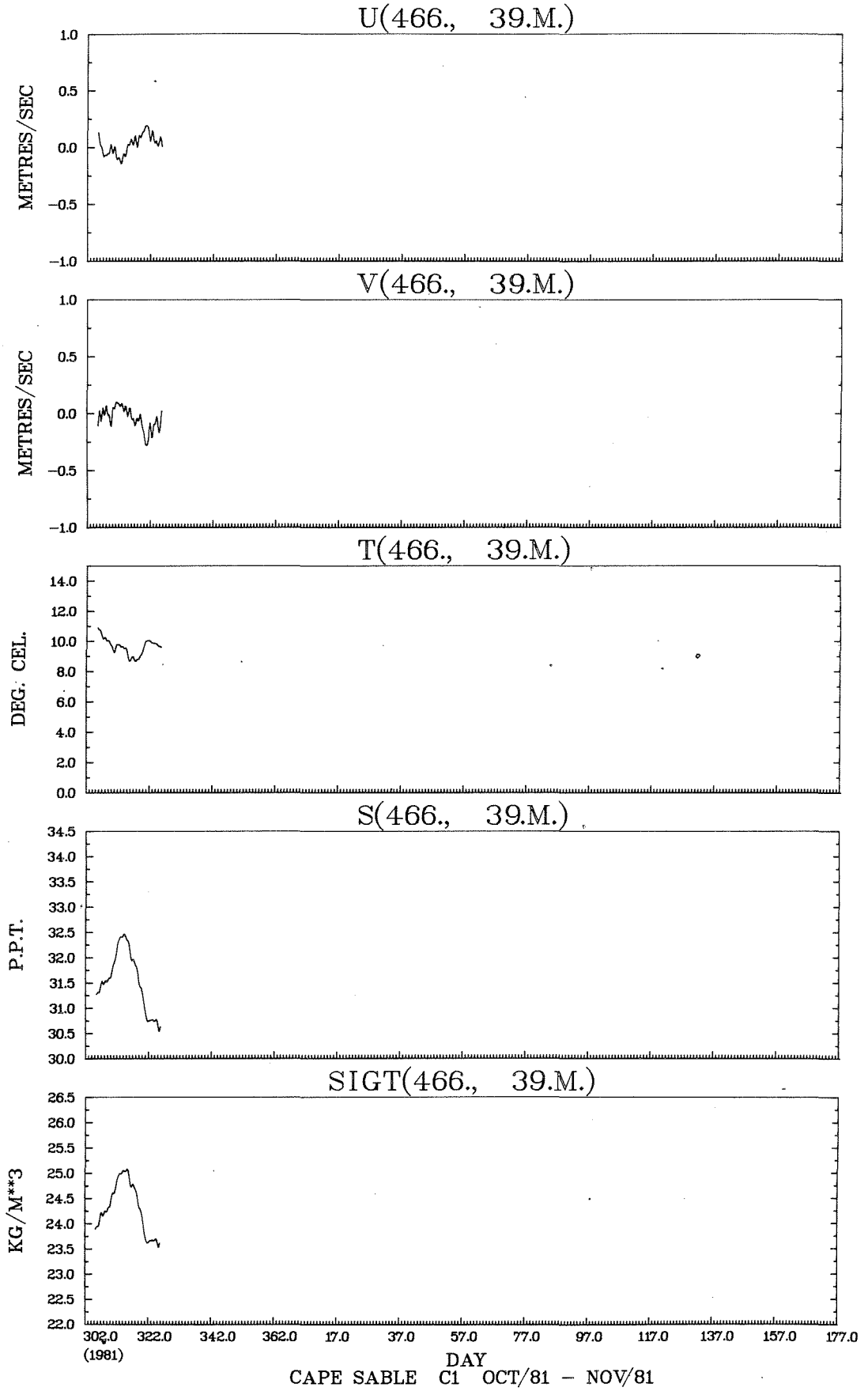


STN. 466, 39 M.



CAPE SABLE C1 OCT/81 – NOV/81


R(466; 39 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(466; 39 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(466; 39 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(466; 39 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 - NOV/81


U(466., 39.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(466., 39.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(466., 39.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(466., 39.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(466., 39.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
362.0
17.0
37.0
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77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 – NOV/81

JOINT DISTRIBUTION (PERCENT)

D(466., 39.M.) VS R(466., 39.M.)

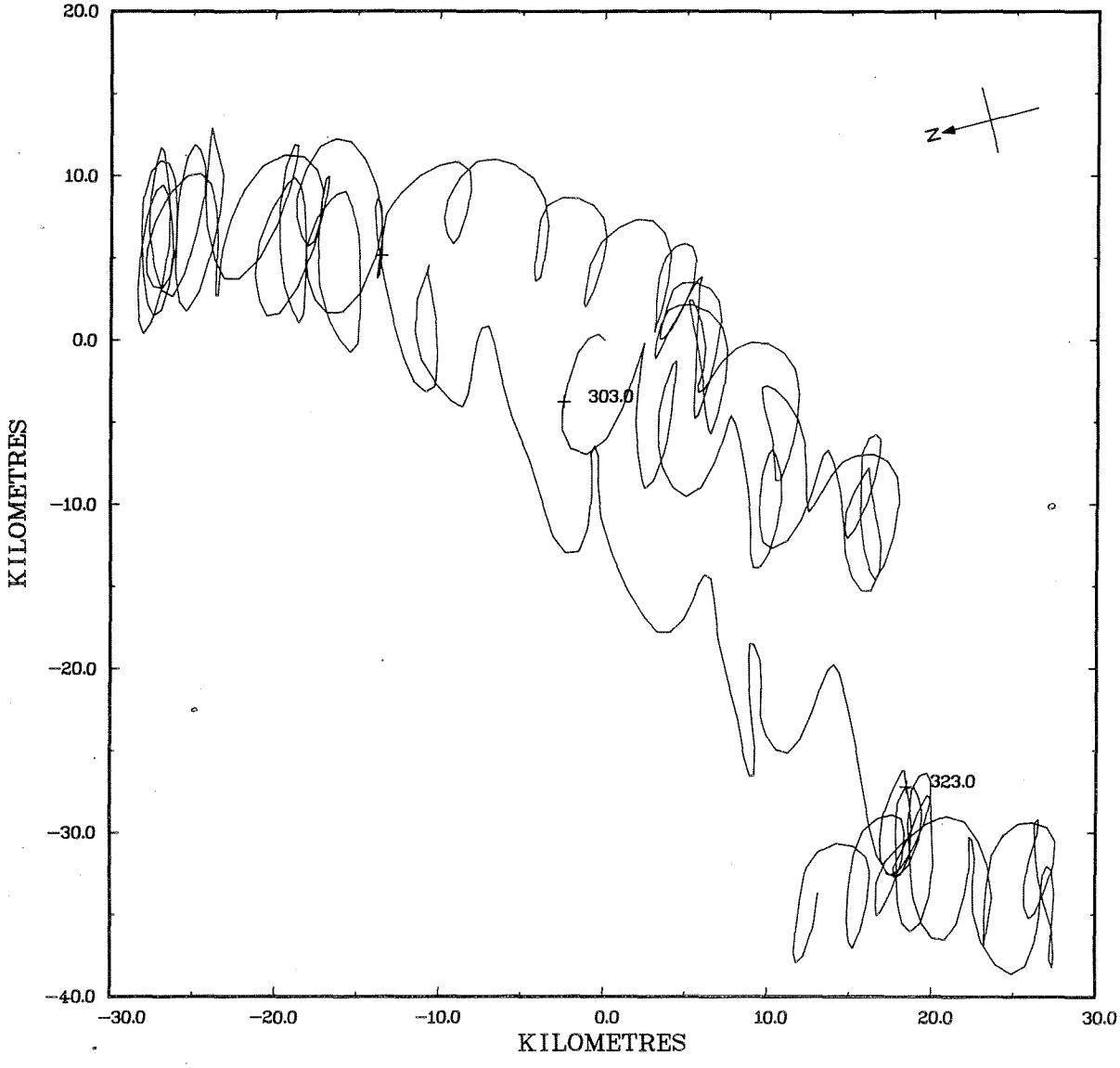
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*										.2		
1.00 TO	1.10	6	*										1.0		
.90 TO	1.00	17	*				.6						2.1		
.80 TO	.90	43	*				2.1	.6				.2	4.0		
.70 TO	.80	54	*				3.1	.6				.3	4.5	.2	
.60 TO	.70	73	*			.2	5.0	1.0				.3	4.5	.8	
.50 TO	.60	103	*			.3	5.5	3.2				.6	6.1	.8	
.40 TO	.50	89	*	.2		.8	2.7	2.6				1.0	4.0	2.7	.3
.30 TO	.40	78	*	.2	.5	.8	2.6	2.1	.6		.2	1.6	2.1	1.1	.8
.20 TO	.30	82	*	.8	.8	.5	.8	1.6	1.6	.5	.5	1.5	2.1	1.8	.8
.10 TO	.20	61	*	.5	.8	1.0	1.0	1.3	.6	1.1	.8	1.1	.3	.8	.5
-.00 TO	.10	12	*	.2	.2	.3	.3		.3	.2	.3	.2			
OUT OF RANGE		0	0												
SUB TOTAL		619	0	11	14	24	147	81	20	11	11	42	192	51	15

JOINT DISTRIBUTION (PERCENT)

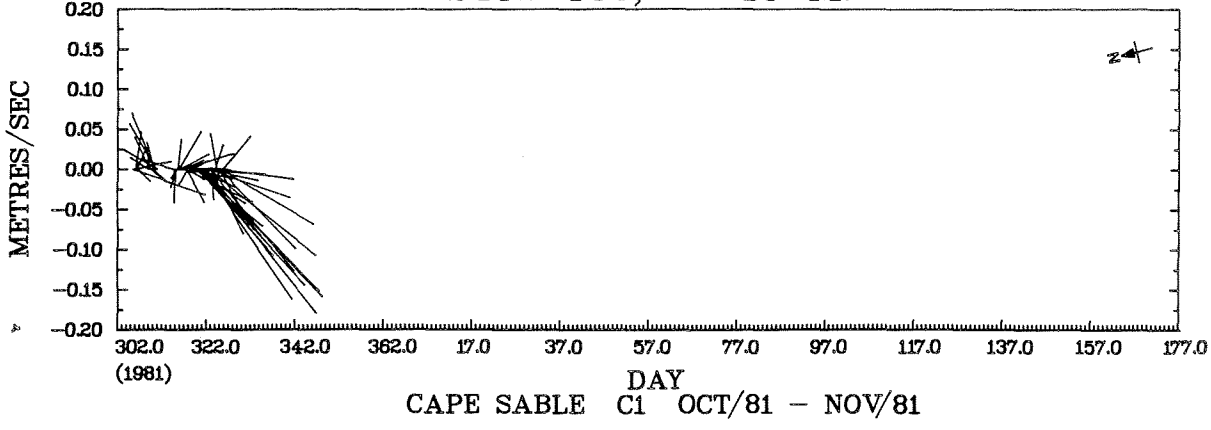
T(466., 39.M.) VS S(466., 39.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	33	*					1.9	3.4				
32.00 TO 32.50	109	*				.2	6.8	10.7				
31.50 TO 32.00	168	*					7.8	19.4				
31.00 TO 31.50	174	*					2.9	20.5	4.7			
30.50 TO 31.00	131	*						21.2				
30.00 TO 30.50	4	*						.6				
OUT OF RANGE	0	0										
SUB TOTAL	619	0				1	120	469	29			

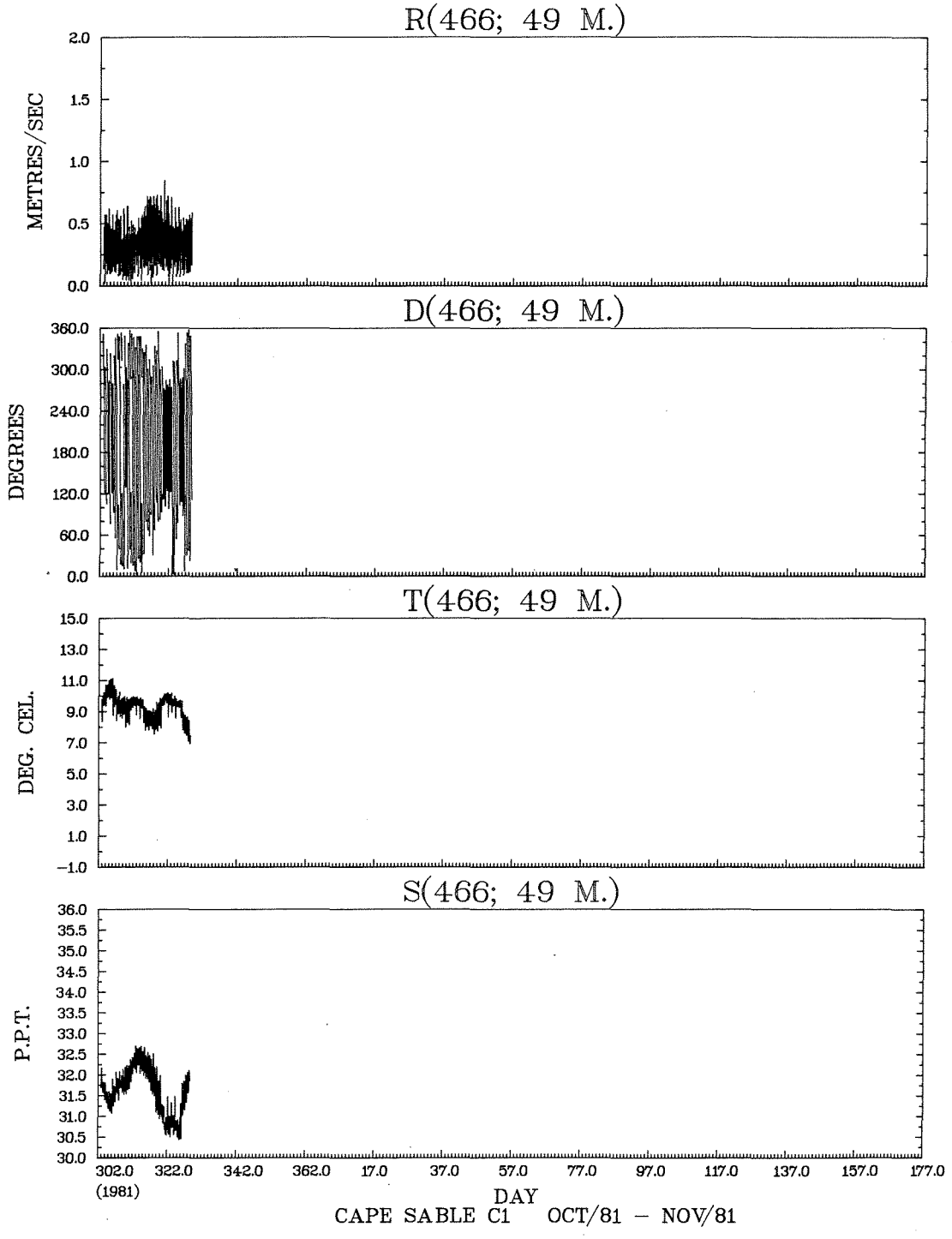
STN. 466, 49 M.

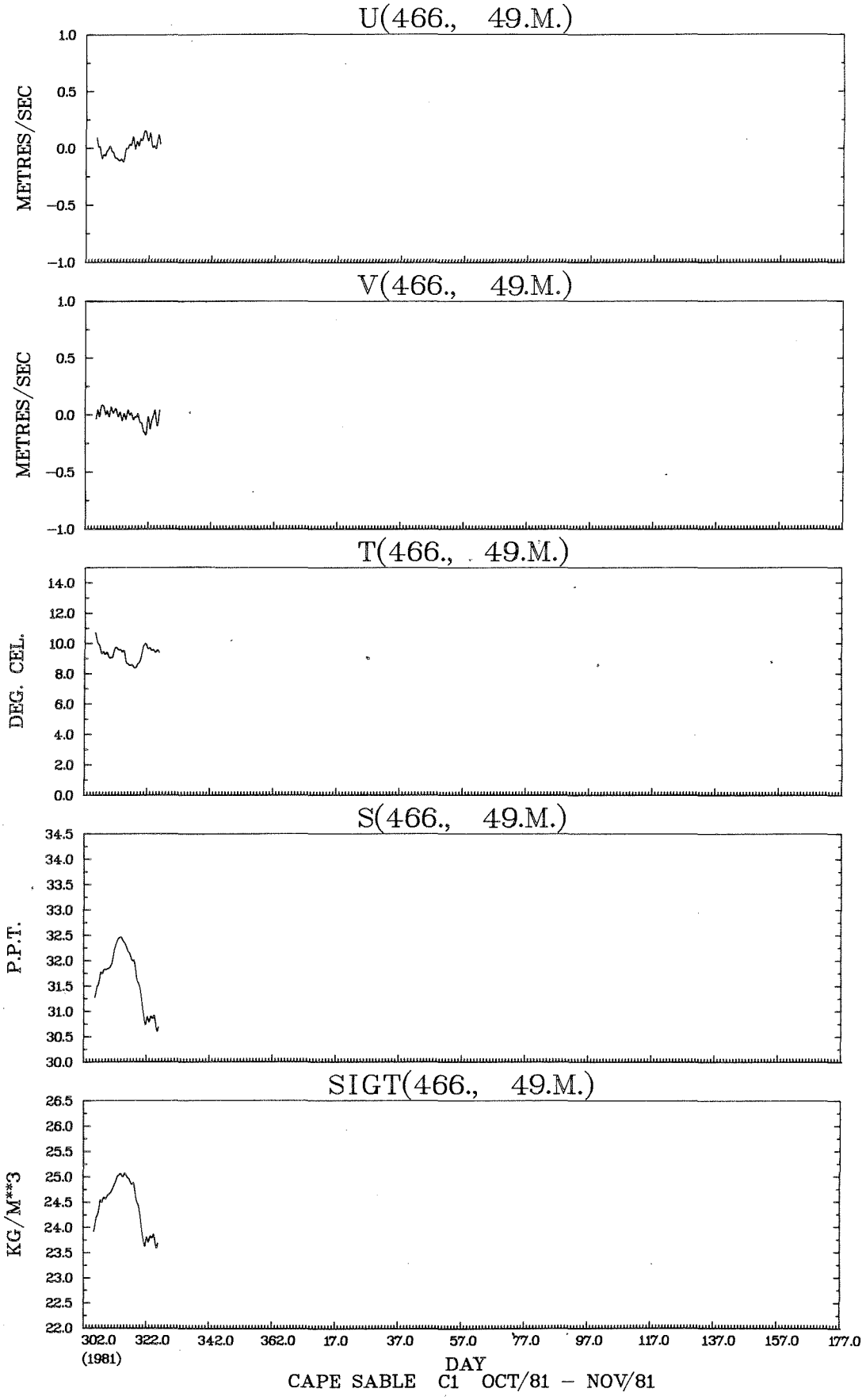


STN. 466, 49 M.



CAPE SABLE C1 OCT/81 – NOV/81


R(466; 49 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(466; 49 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(466; 49 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(466; 49 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 - NOV/81


U(466., 49.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(466., 49.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(466., 49.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(466., 49.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(466., 49.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
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17.0
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97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 – NOV/81

JOINT DISTRIBUTION (PERCENT)

D(466., 49.M.) VS R(466., 49.M.)

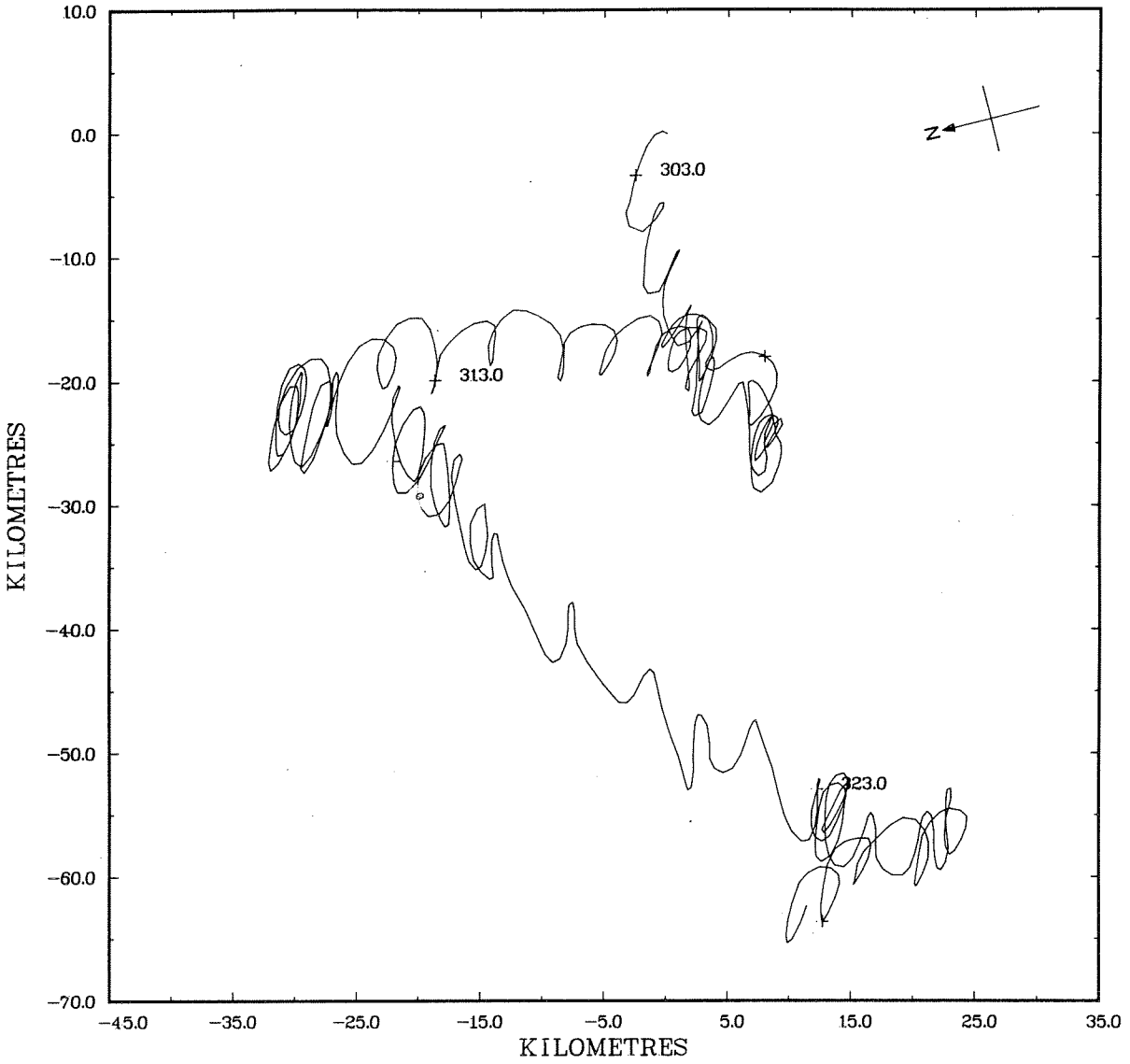
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*									.3			
.70 TO	.80	13	*				.2	.3				.3	1.3		
.60 TO	.70	39	*				1.8	.6				.5	3.2	.2	
.50 TO	.60	87	*			.3	5.6	1.1				1.0	5.0	1.0	
.40 TO	.50	139	*			.6	6.3	4.2	.2			2.1	5.3	3.1	.6
.30 TO	.40	122	*	.5	1.0	1.5	4.7	3.1			.2	1.6	3.9	1.9	1.5
.20 TO	.30	115	*	1.6	1.3	1.6	1.1	2.6	.8	1.3	.8	2.1	2.4	2.3	.6
.10 TO	.20	77	*	.2	1.1	.8	1.1	1.8	1.3	.3	.6	1.8	1.1	.6	1.6
-.00 TO	.10	26	*	.5	.3	.2	.2	.2	.5	.8	.2	.3	.3	.5	.2
OUT OF RANGE		0	0												
SUB TOTAL		620	0	17	23	31	130	86	17	15	11	62	140	60	28

JOINT DISTRIBUTION (PERCENT)

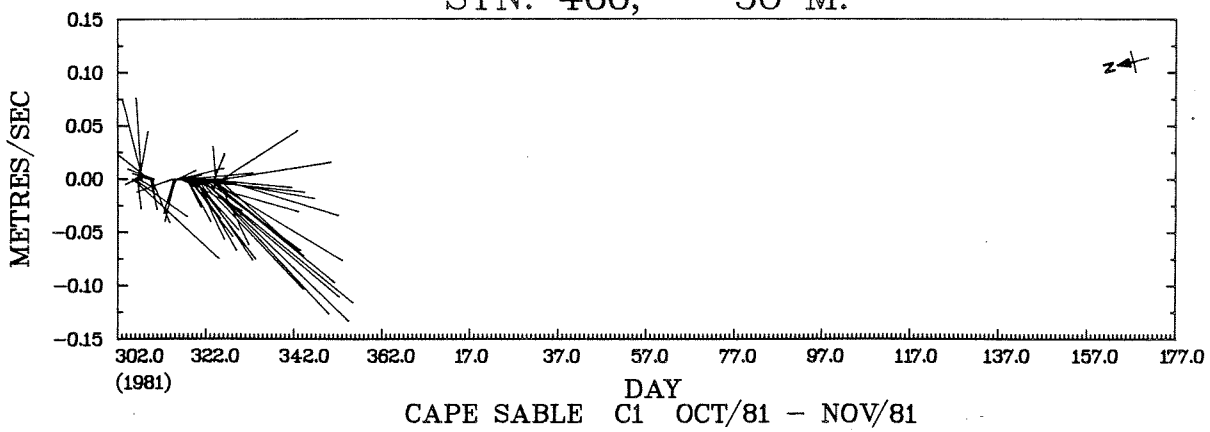
. T(466., 49.M.) VS S(466., 49.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	38	*					2.4	3.7				
32.00 TO	32.50	144	*				.3	12.3	10.6				
31.50 TO	32.00	202	*					12.3	20.3				
31.00 TO	31.50	127	*					5.0	13.5	1.9			
30.50 TO	31.00	100	*						16.1				
30.00 TO	30.50	9	*						1.5				
OUT OF RANGE		0	0										
SUB TOTAL		620	0				2	138	408	12			

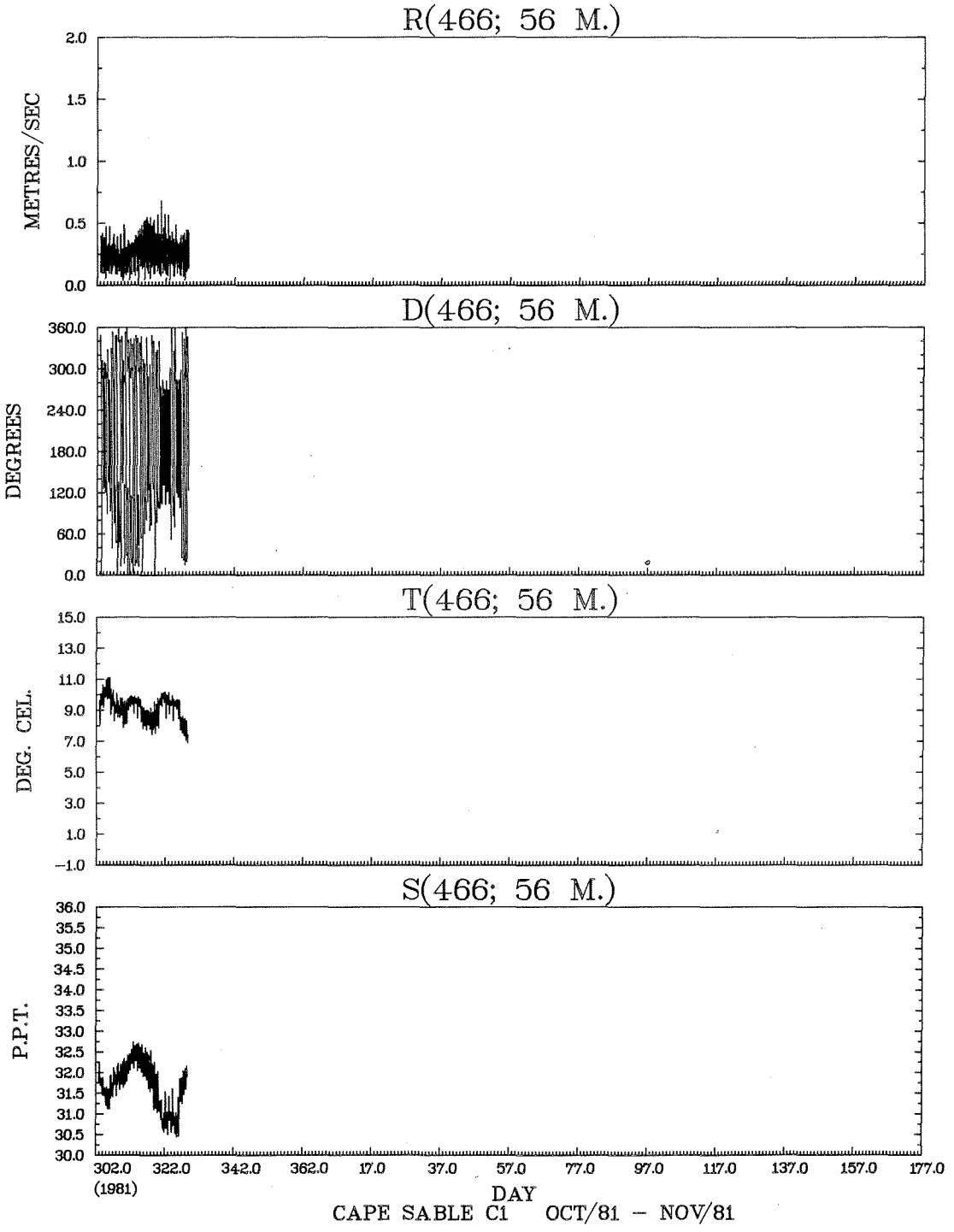
STN. 466, 56 M.

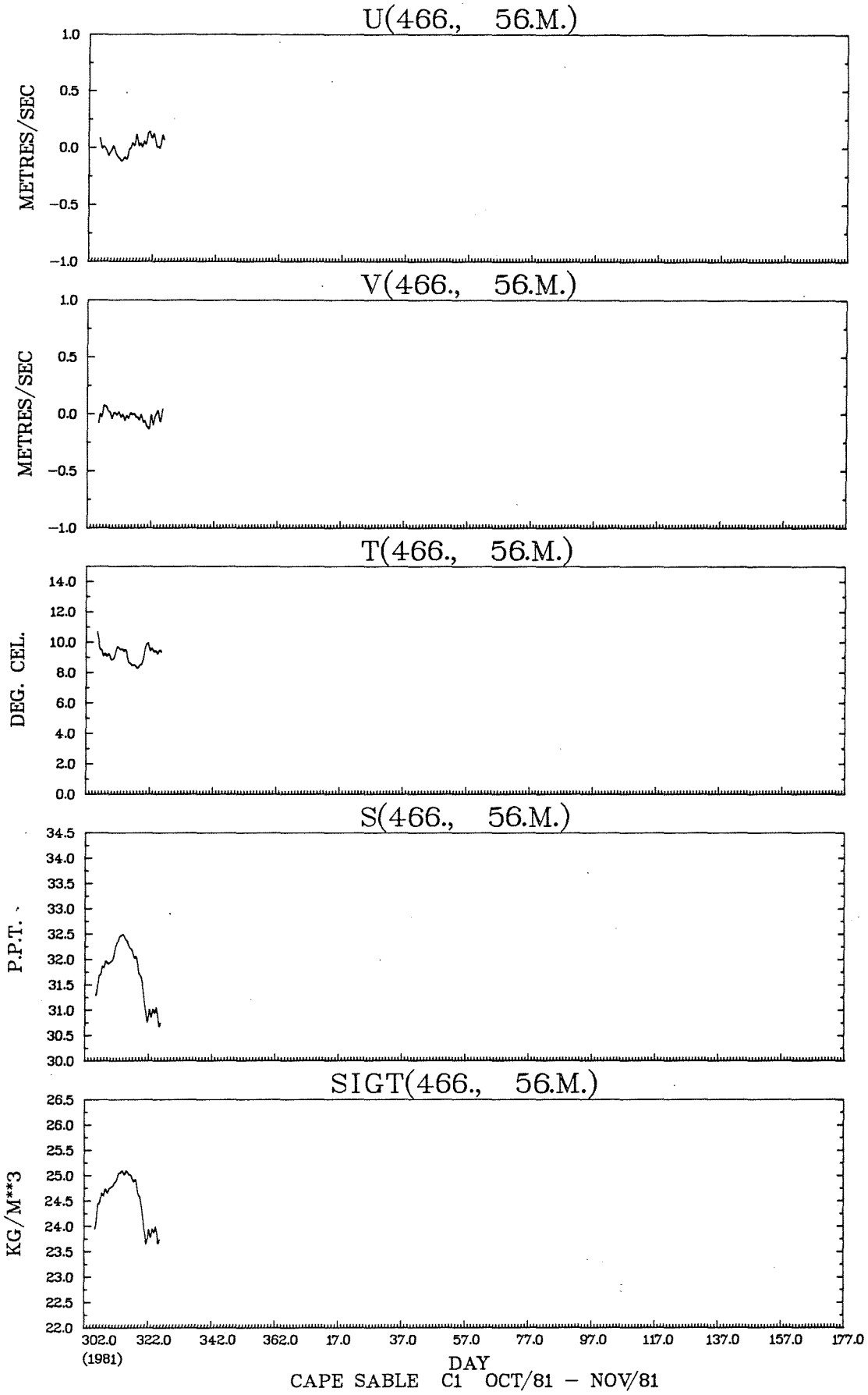


STN. 466, 56 M.



CAPE SABLE C1 OCT/81 – NOV/81


R(466; 56 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(466; 56 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(466; 56 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(466; 56 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 - NOV/81


U(466., 56.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(466., 56.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(466., 56.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(466., 56.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(466., 56.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
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117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C1 OCT/81 - NOV/81

JOINT DISTRIBUTION (PERCENT)

D(466., 56.M.) VS R(466., 56.M.)

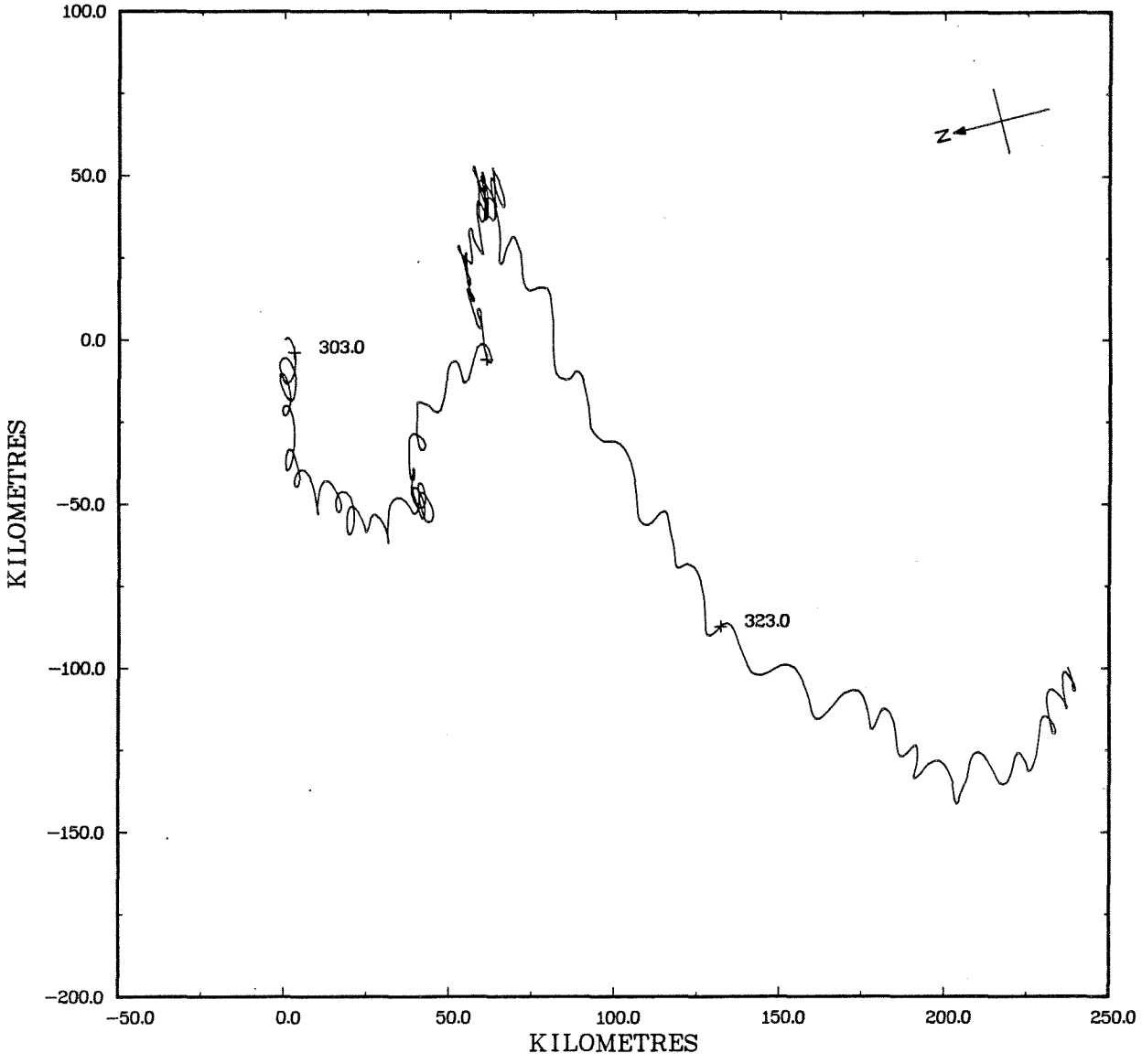
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	2	*									.3			
.50 TO	.60	22	*					1.0				1.0	1.6		
.40 TO	.50	77	*			.2	1.3	1.8				1.1	6.1	1.9	
.30 TO	.40	180	*		.2	.6	6.6	6.1	.3		.3	1.1	7.9	4.2	1.6
.20 TO	.30	201	*	2.6	1.3	1.6	6.8	5.8	1.1	.8	.5	2.4	3.9	3.4	2.3
.10 TO	.20	105	*	.5	1.5	1.3	1.3	2.1	2.3	.5	1.5	1.5	1.6	1.8	1.3
-.00 TO	.10	33	*	.2	.3	.6	.2	.6	.8	.2	1.0	.8	.3	.2	.2
OUT OF RANGE		0	0												
SUB TOTAL		620	0	20	20	27	100	108	28	9	20	51	133	71	33

JOINT DISTRIBUTION (PERCENT)

T(466., 56.M.) VS S(466., 56.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	43	*					2.9	4.0				
32.00 TO	32.50	164	*				.3	14.8	11.3				
31.50 TO	32.00	210	*					14.7	19.2				
31.00 TO	31.50	114	*					4.4	12.7	1.3			
30.50 TO	31.00	82	*						13.2				
30.00 TO	30.50	7	*						1.1				
OUT OF RANGE		0	0										
SUB TOTAL		620	0				2	228	382	8			

STN. 467, 14 M.



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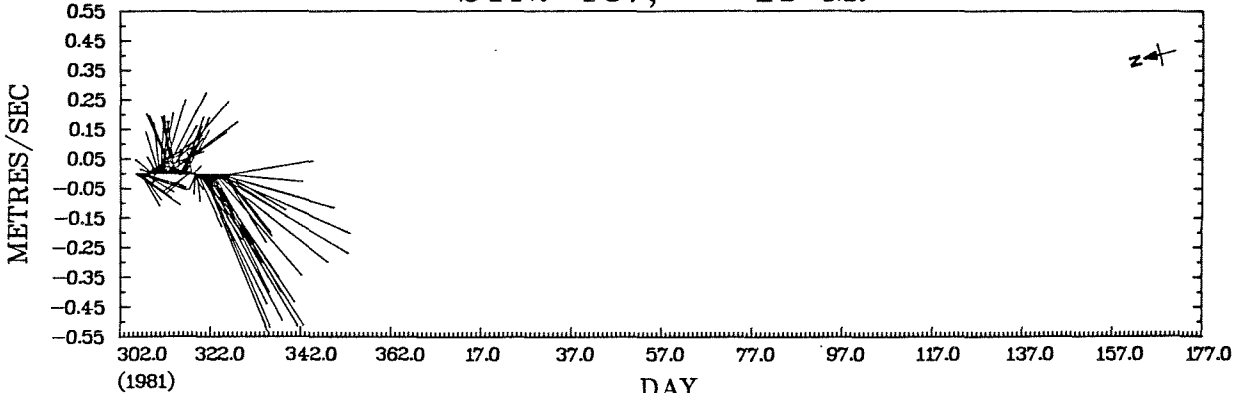
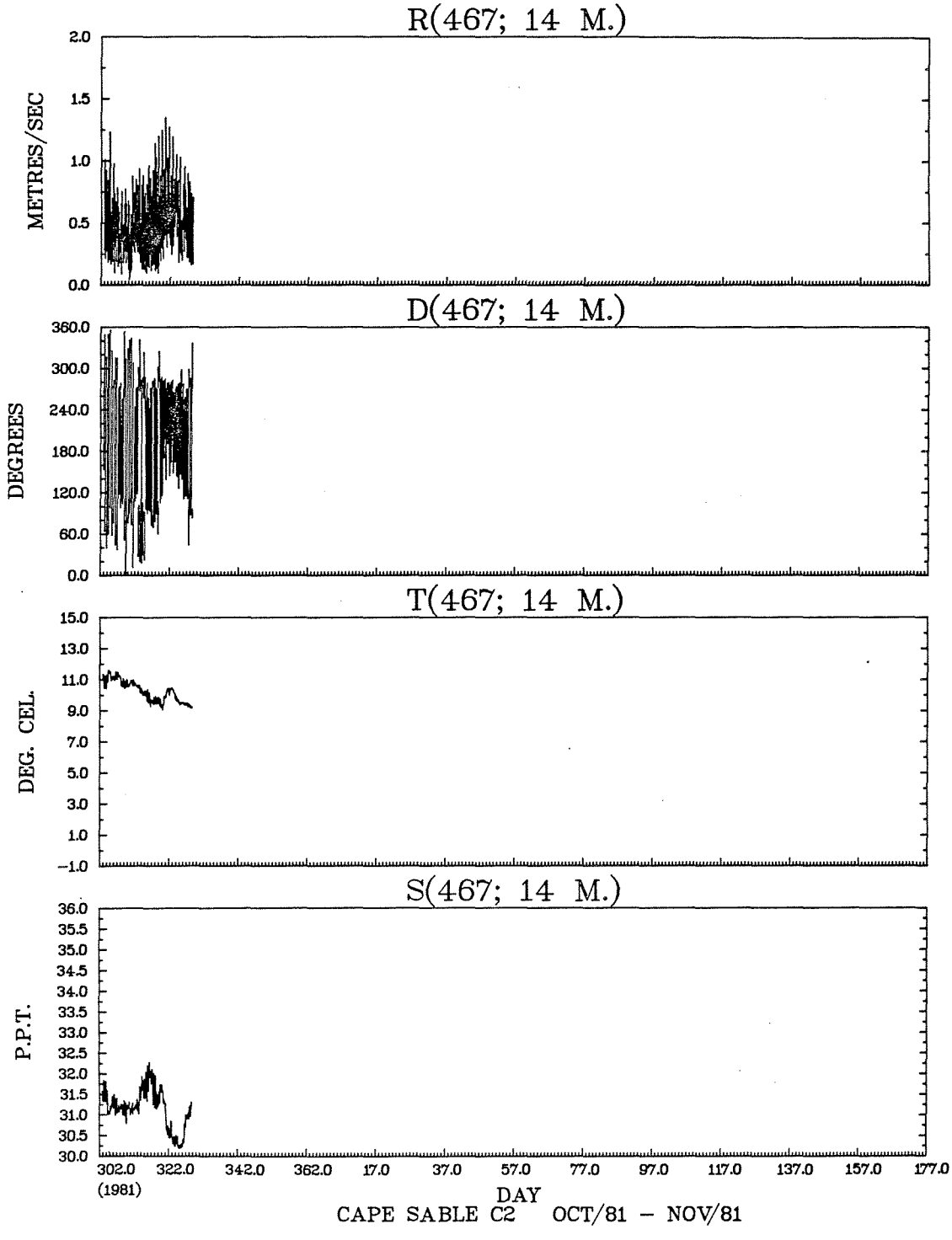
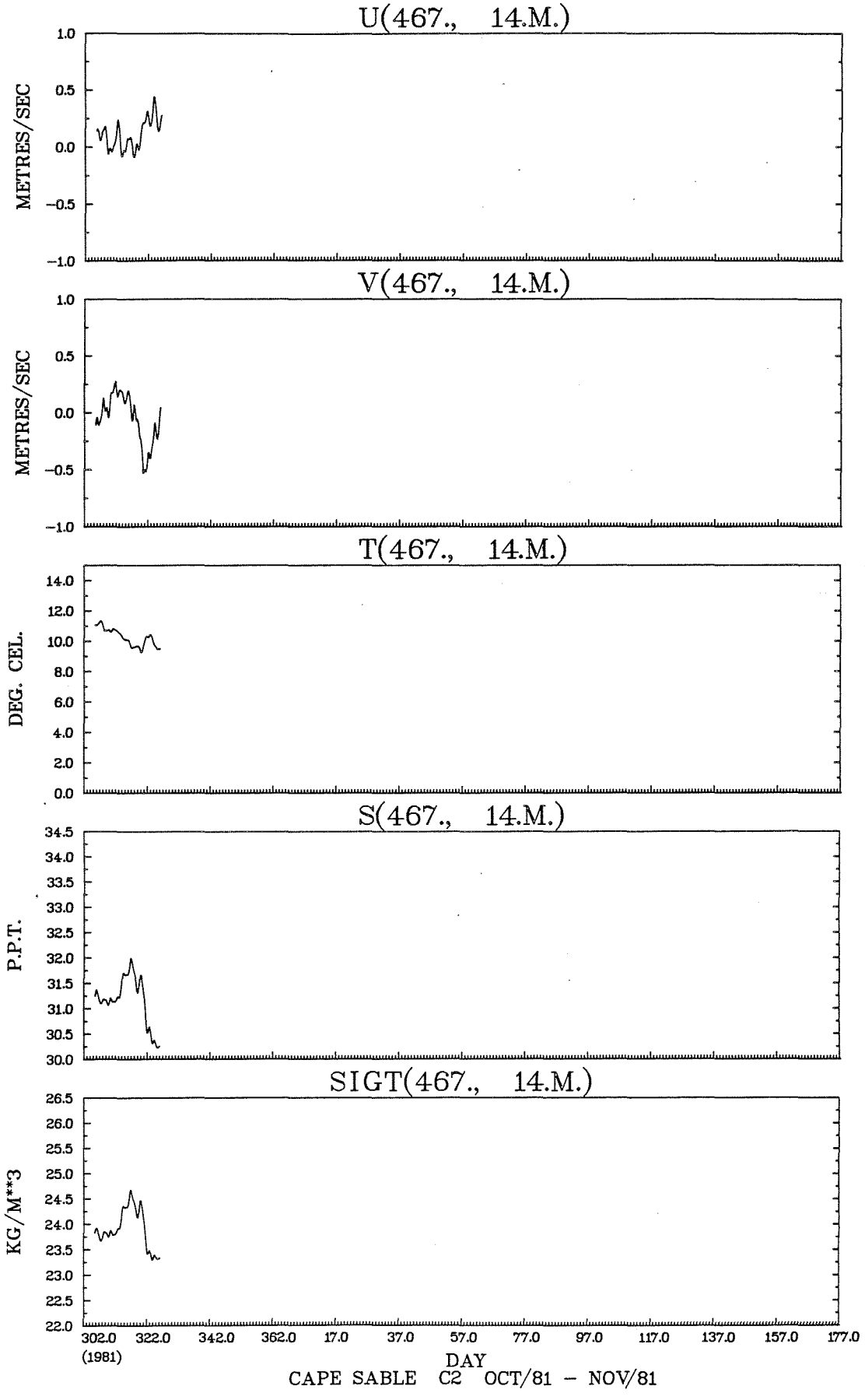


CAPE SABLE C2 OCT/81 – NOV/81


R(467; 14 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(467; 14 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(467; 14 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(467; 14 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C2 OCT/81 - NOV/81


U(467., 14.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(467., 14.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(467., 14.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(467., 14.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(467., 14.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0 322.0 342.0 362.0 17.0 37.0 57.0 77.0 97.0 117.0 137.0 157.0 177.0
(1981)
DAY
CAPE SABLE C2 OCT/81 – NOV/81

JOINT DISTRIBUTION (PERCENT)

D(467., 14.M.) VS R(467., 14.M.)

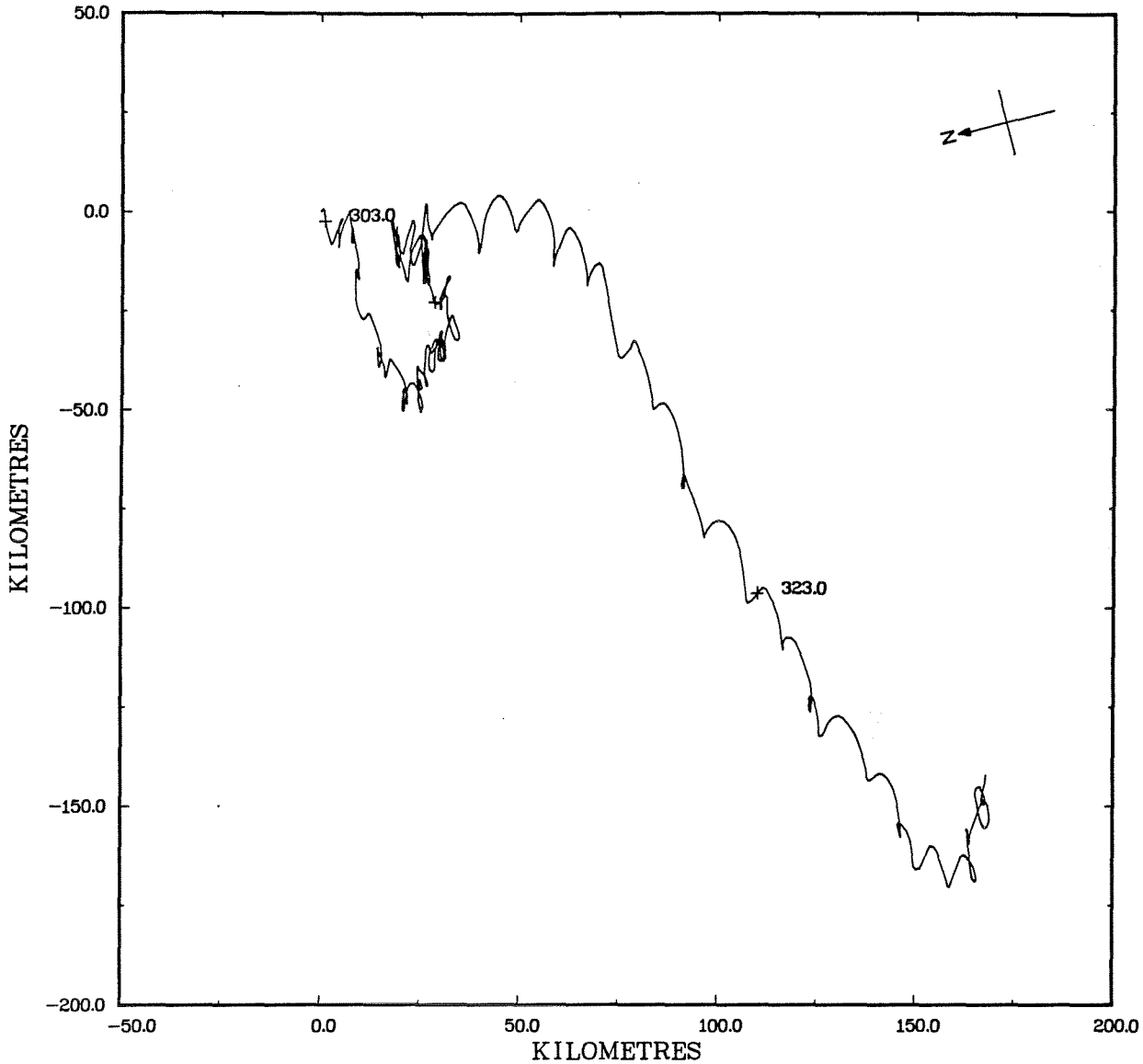
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	2	*										.3		
1.20 TO	1.30	7	*										1.1		
1.10 TO	1.20	5	*										.8		
1.00 TO	1.10	14	*			.2						.5	1.6		
.90 TO	1.00	17	*			.2	.6					.2	1.8		
.80 TO	.90	40	*			.3	2.1	.3				1.6	2.1		
.70 TO	.80	54	*			1.0	3.7	.5	.2			1.4	1.8	.2	
.60 TO	.70	72	*			1.8	3.4	.6	.5	.2	.3	2.7	2.1		
.50 TO	.60	84	*			.6	4.0	1.6	.3	.2	.2	4.3	2.3		
.40 TO	.50	114	*			1.4	3.1	2.3	1.1	1.0	2.6	4.3	1.6	1.0	
.30 TO	.40	99	*		.3	1.1	1.8	2.6	1.9	1.8	1.8	2.9	1.4	.3	
.20 TO	.30	64	*	.5	.2	1.4	.8	1.0	1.4	1.8	.3	.6	1.0	.8	.5
.10 TO	.20	44	*	.6	.6	.3	.3	.3	.5	.5	1.1	1.0	.6	.3	.8
-.00 TO	.10	5	*			.2	.2		.5						
OUT OF RANGE		0	0												
SUB TOTAL		621	0	7	7	53	124	57	40	33	39	122	115	16	8

JOINT DISTRIBUTION (PERCENT)

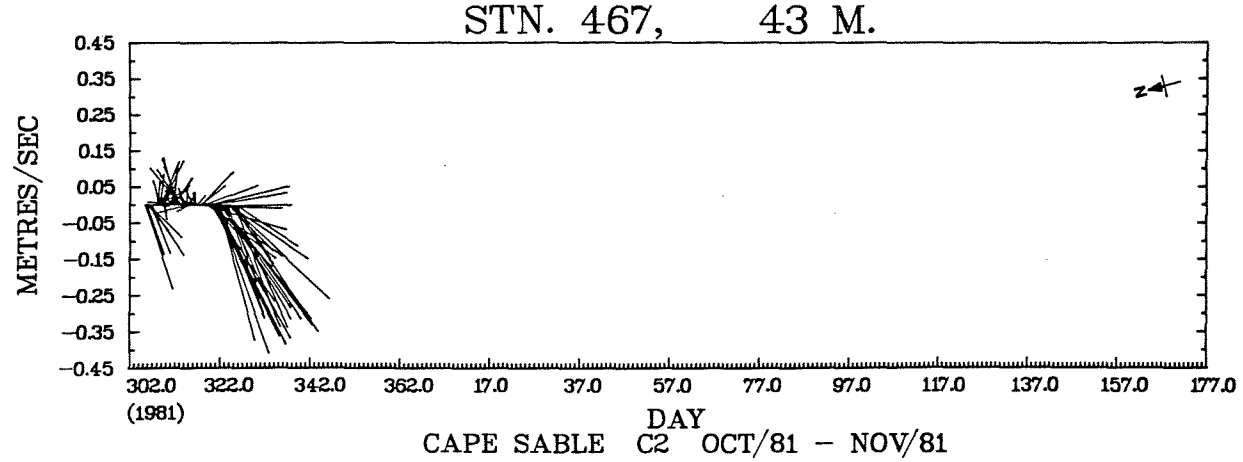
T(467., 14.M.) VS S(467., 14.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	20	*						3.2				
31.50 TO	32.00	117	*						18.4	.5			
31.00 TO	31.50	315	*						34.0	16.7			
30.50 TO	31.00	75	*						11.3	.8			
30.00 TO	30.50	94	*						15.1				
OUT OF RANGE		0	0										
SUB TOTAL		621	0						509	112			

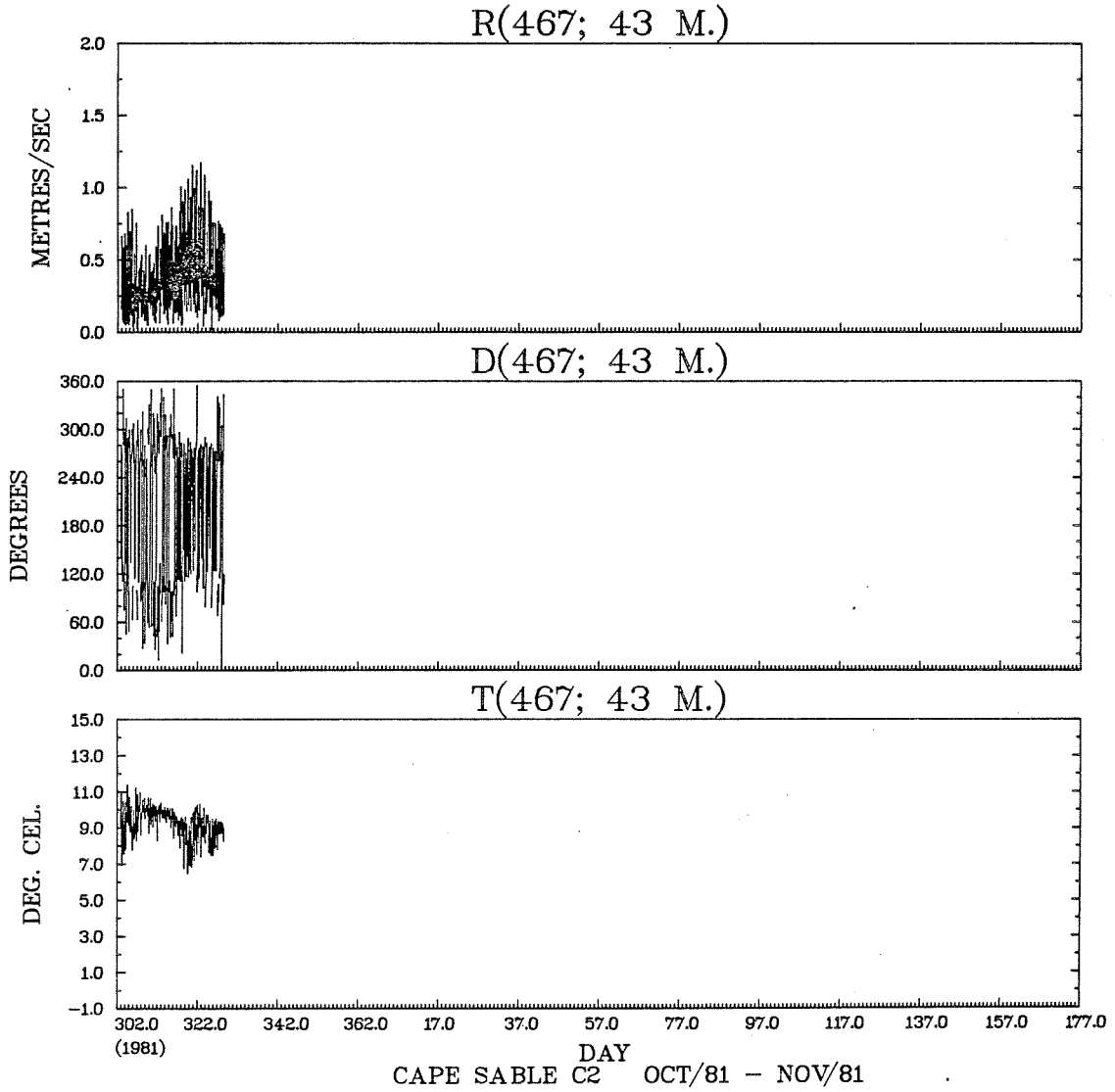
STN. 467, 43 M.

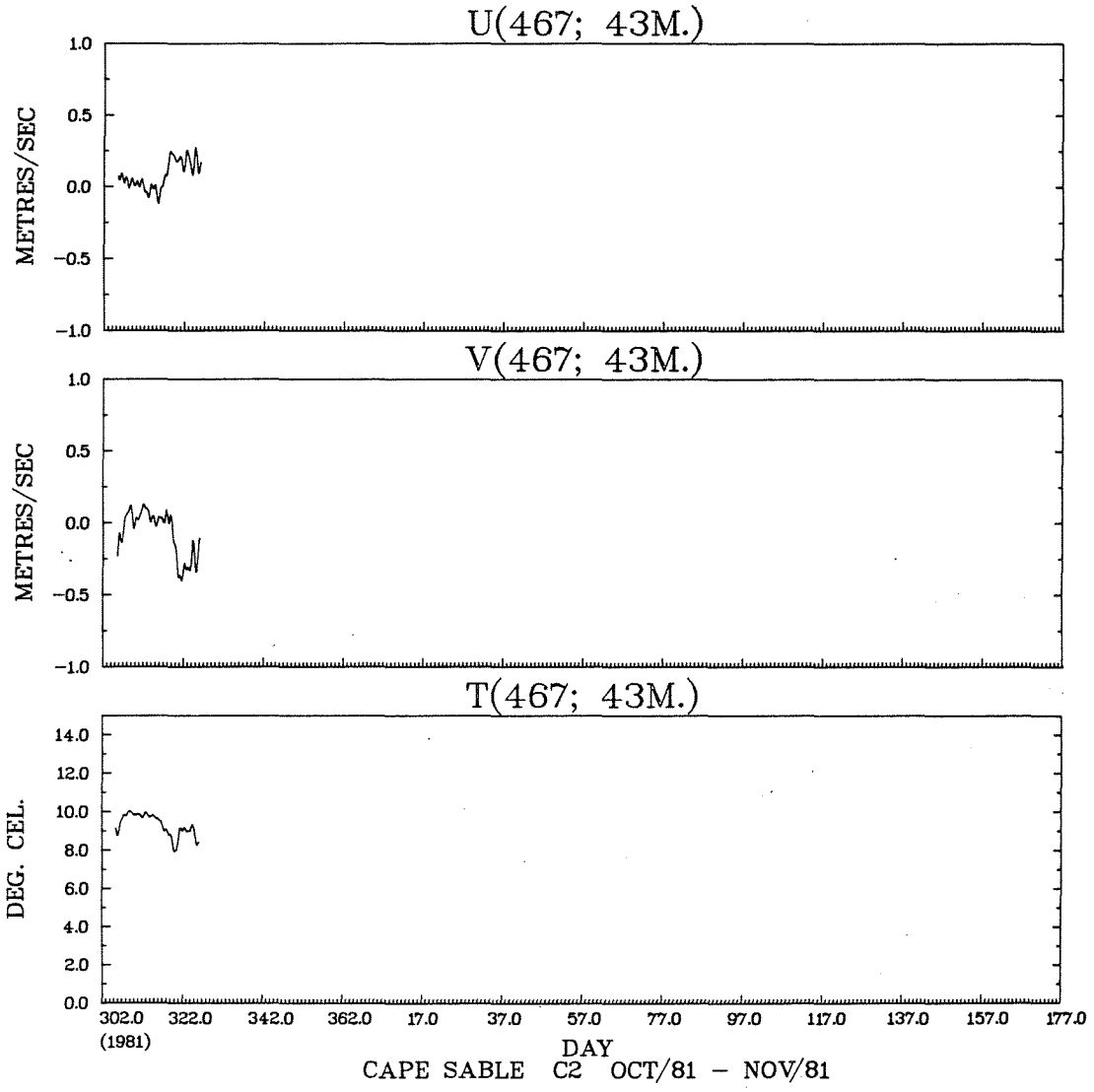


STN. 467, 43 M.



CAPE SABLE C2 OCT/81 – NOV/81


R(467; 43 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(467; 43 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(467; 43 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C2 OCT/81 - NOV/81


U(467; 43M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(467; 43M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(467; 43M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C2 OCT/81 – NOV/81

JOINT DISTRIBUTION (PERCENT)

D(467., 43.M.) VS R(467., 43.M.)

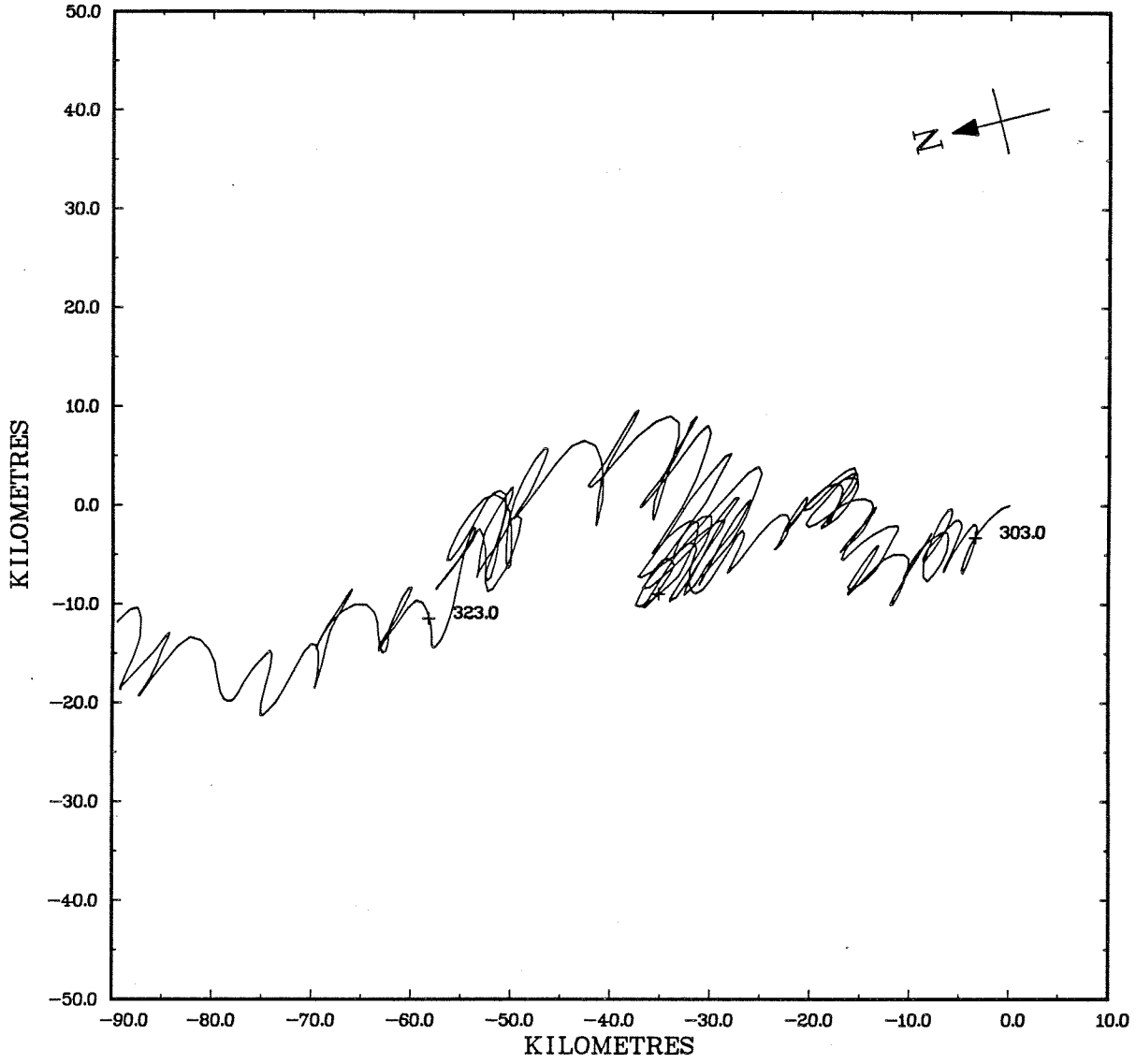
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	5	*										.8		
1.00 TO	1.10	7	*				.2					.6	.3		
.90 TO	1.00	12	*				.3	.3				.6	.6		
.80 TO	.90	26	*			.2	.2	.2				1.6	2.1		
.70 TO	.80	37	*			.2	1.4	1.3				1.1	1.8	.2	
.60 TO	.70	66	*			.5	3.1	1.4				2.1	3.5		
.50 TO	.60	70	*			.2	3.1	1.9	.2			1.8	4.0	.2	
.40 TO	.50	88	*			.2	4.0	1.9	.2		.5	2.3	4.7	.5	
.30 TO	.40	98	*			1.1	3.7	2.3	1.1	.3	.5	2.9	3.5	.3	
.20 TO	.30	102	*	.2	.3	1.0	3.7	1.9	1.4	.6	.8	2.6	2.4	1.0	.5
.10 TO	.20	80	*	.3	.5	.6	1.9	1.0	1.3	.8	.8	2.3	1.4	1.0	1.0
-.00 TO	.10	30	*	.3	1.3	.6	.3	.2	.3	.5	.5	.3		.2	.3
OUT OF RANGE		0	0												
SUB TOTAL		621	0	5	13	28	136	77	28	14	19	113	157	20	11

HISTOGRAM OF T(467., 43.M.) DEG. CEL.

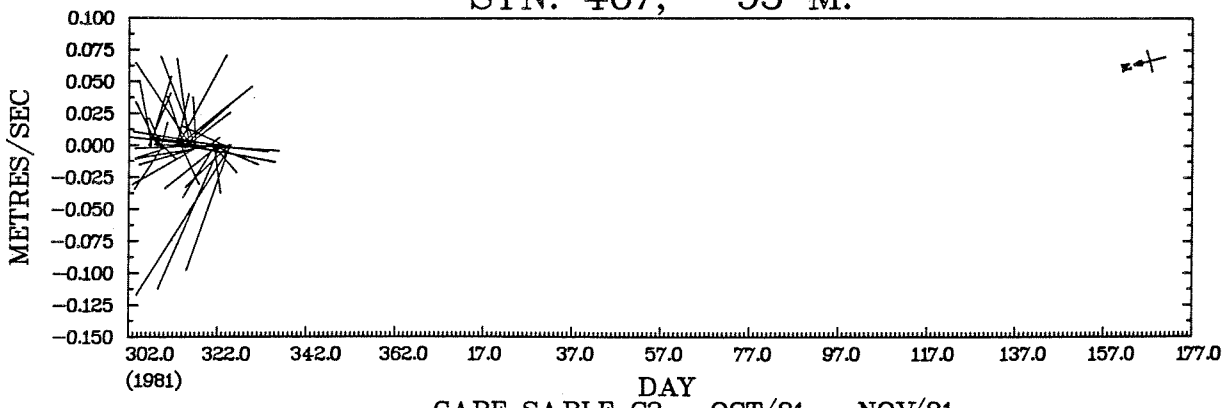
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	0	0.0	
3.00	3.50	0	0.0	
3.50	4.00	0	0.0	
4.00	4.50	0	0.0	
4.50	5.00	0	0.0	
5.00	5.50	0	0.0	
5.50	6.00	0	0.0	
6.00	6.50	1	.2	*
6.50	7.00	9	1.4	*****
7.00	7.50	15	2.4	********
7.50	8.00	34	5.5	******************
8.00	8.50	49	7.9	**************************
8.50	9.00	87	14.0	**
9.00	9.50	152	24.5	**
9.50	10.00	165	26.6	**
10.00	10.50	88	14.2	**
10.50	11.00	15	2.4	********
11.00	11.50	6	1.0	***
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 621
OUTSIDE RANGE 0

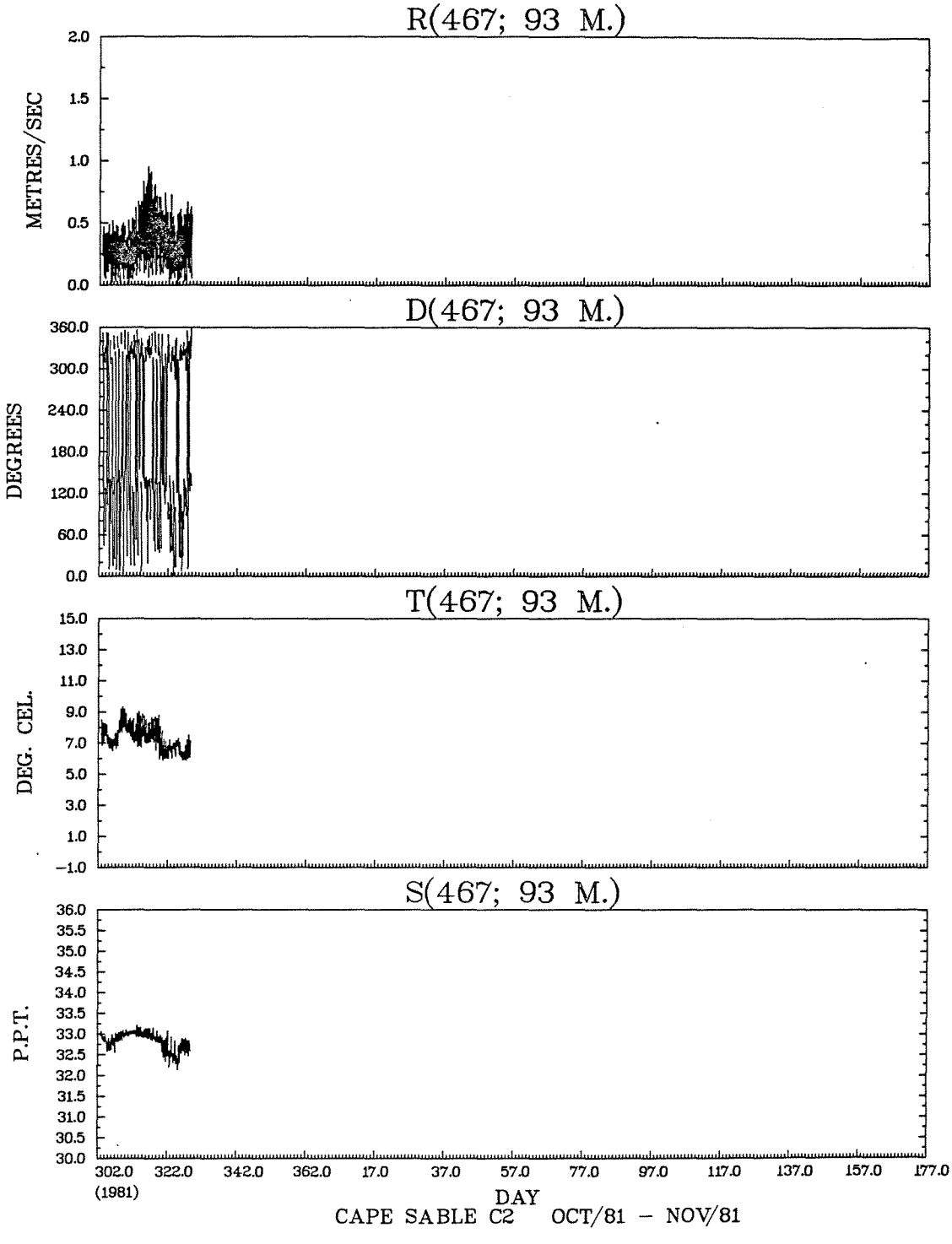
STN. 467; 93 M.

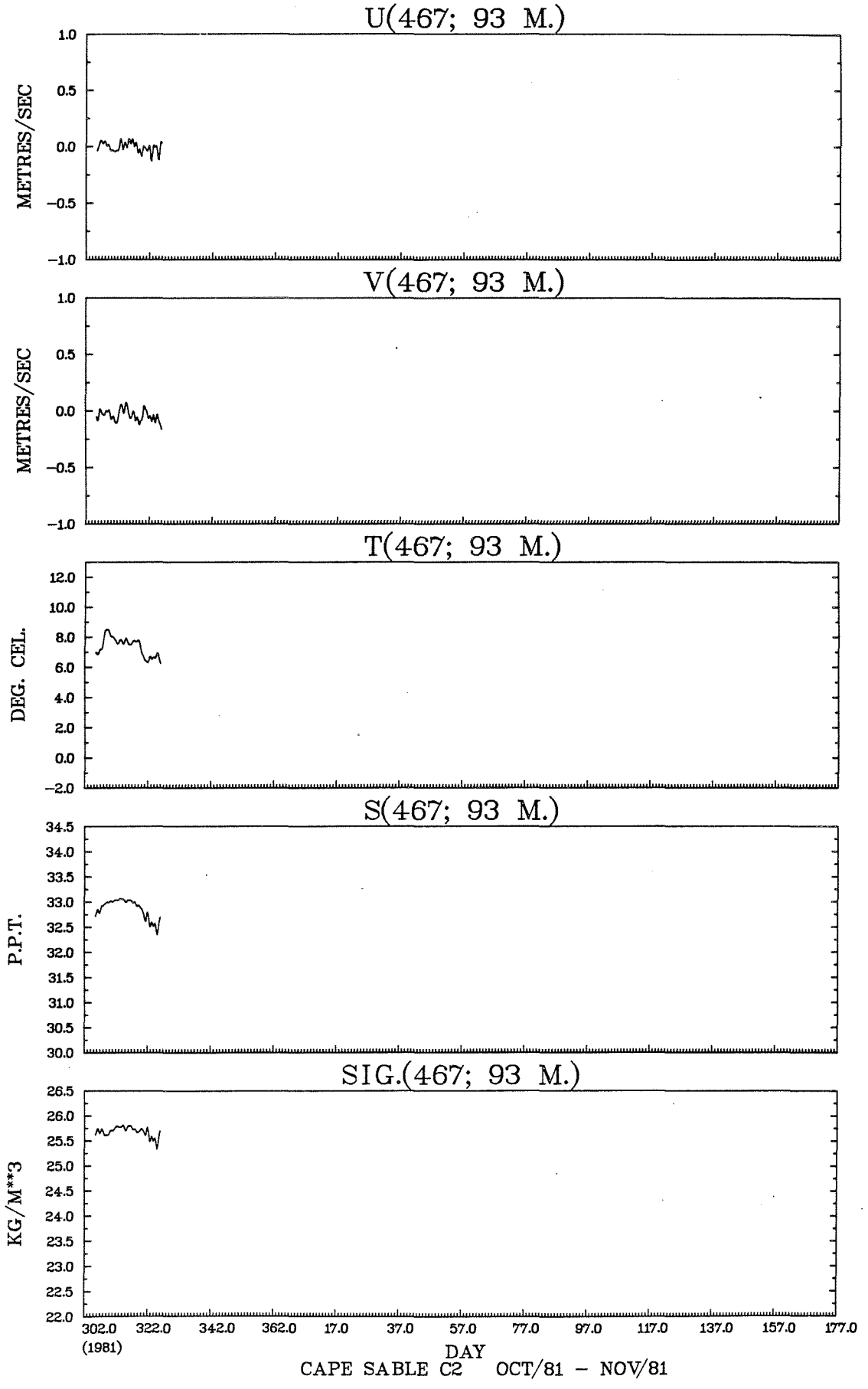


STN. 467; 93 M.



CAPE SABLE C2 OCT/81 – NOV/81


R(467; 93 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(467; 93 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(467; 93 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(467; 93 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C2 OCT/81 - NOV/81


U(467; 93 M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(467; 93 M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(467; 93 M.)
DEG. CEL.
12.0
10.0
8.0
6.0
4.0
2.0
0.0
−2.0
S(467; 93 M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIG.(467; 93 M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
302.0
322.0
342.0
362.0
17.0
37.0
57.0
77.0
97.0
117.0
137.0
157.0
177.0
(1981)
DAY
CAPE SABLE C2 OCT/81 − NOV/81

JOINT DISTRIBUTION (PERCENT)

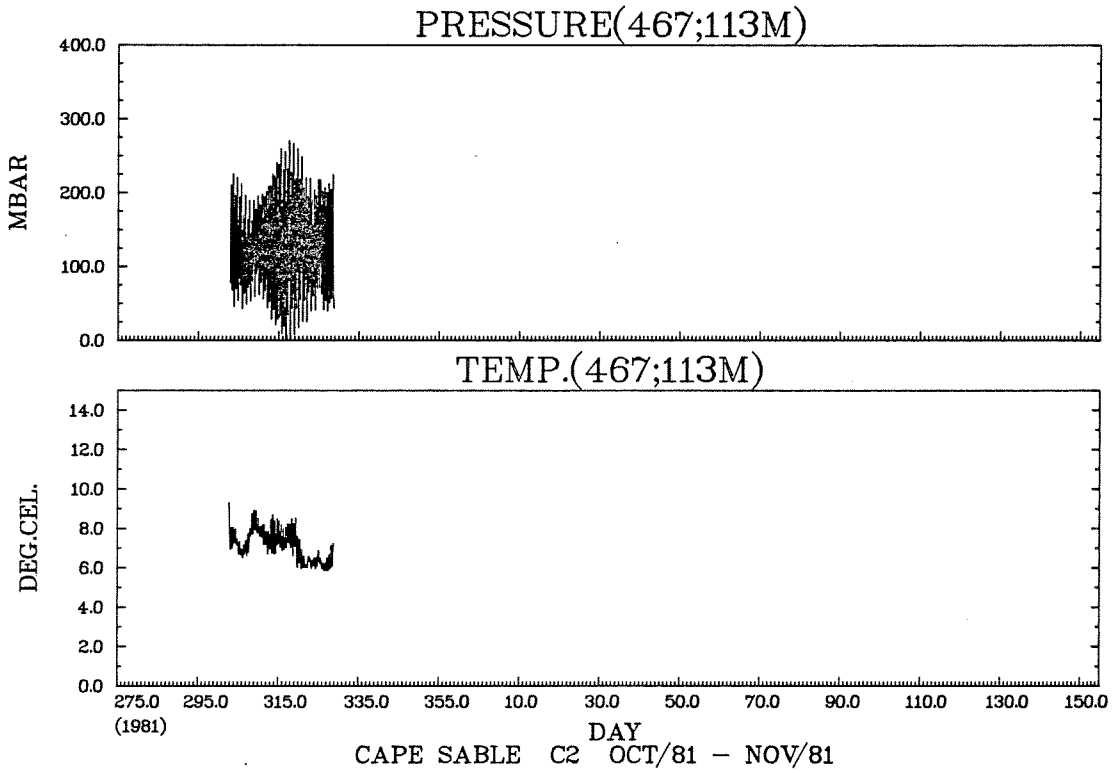
D(467., 093.M.) VS R(467., 093.M.)

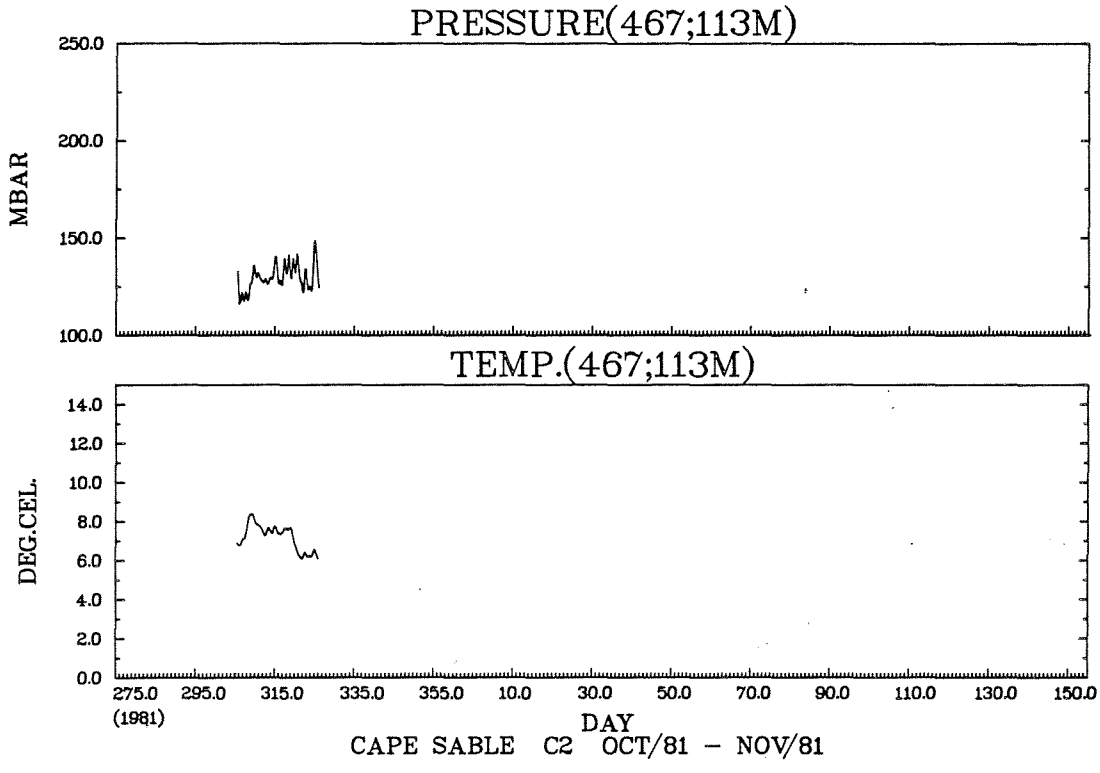
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	2	*					.2						.2	
.80 TO	.90	9	*					.6						.8	
.70 TO	.80	17	*				.2	1.1					.3	1.1	
.60 TO	.70	38	*				.5	1.4	.2				.3	3.5	.2
.50 TO	.60	83	*				1.1	4.3	.8				1.0	6.1	
.40 TO	.50	107	*			.3	1.8	5.3	.5				.5	6.4	2.4
.30 TO	.40	134	*	.3	.3	.8	2.1	6.4	1.1				1.0	7.2	2.3
.20 TO	.30	102	*	.8	.5	1.1	1.6	4.8	.8	.2		.2	.8	4.2	1.4
.10 TO	.20	90	*	1.1	1.3	1.3	1.6	2.7	1.4	.3	.5	.3	.6	1.6	1.6
-.00 TO	.10	39	*	.8	1.0	.6	.5	.3	.2	.6		.3	.8	.3	.8
OUT OF RANGE		0	0												
SUB TOTAL		621	0	19	19	26	58	170	31	7	3	5	33	196	54

JOINT DISTRIBUTION (PERCENT)

T(467., 093.M.) VS S(467., 093.M)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	172	*				3.2	24.5					
32.50 TO	33.00	391	*				28.8	32.4	1.8				
32.00 TO	32.50	58	*				6.6	2.7					
31.50 TO	32.00		*										
31.00 TO	31.50		*										
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		621	0				240	370	11				


PRESSURE(467;113M)
MBAR
400.0
300.0
200.0
100.0
0.0
TEMP.(467;113M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
275.0
(1981)
295.0
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
110.0
130.0
150.0
DAY
CAPE SABLE C2 OCT/81 - NOV/81


PRESSURE(467;113M)
MBAR
250.0
200.0
150.0
100.0
TEMP.(467;113M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
275.0
295.0
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
110.0
130.0
150.0
(1981)
DAY
CAPE SABLE C2 OCT/81 - NOV/81

HISTOGRAM OF PRESSURE(467;113M) MBAR

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	10	1.6	**********
20.00	40.00	24	3.9	************************
40.00	60.00	61	9.8	**********
60.00	80.00	72	11.6	**********
80.00	100.00	71	11.4	**********
100.00	120.00	47	7.6	**********
120.00	140.00	47	7.6	**********
140.00	160.00	56	9.0	**********
160.00	180.00	60	9.6	**********
180.00	200.00	80	12.9	**********
200.00	220.00	54	8.7	**********
220.00	240.00	23	3.7	**********
240.00	260.00	13	2.1	**********
260.00	280.00	4	.6	****
280.00	300.00	0	0.0	
300.00	320.00	0	0.0	
320.00	340.00	0	0.0	

TOTAL NO. OF SAMPLES 622
OUTSIDE RANGE 0

HISTOGRAM OF TEMP.(467;113M) DEG.CEL.

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	0	0.0	
2.00	2.50	0	0.0	
2.50	3.00	0	0.0	
3.00	3.50	0	0.0	
3.50	4.00	0	0.0	
4.00	4.50	0	0.0	
4.50	5.00	0	0.0	
5.00	5.50	0	0.0	
5.50	6.00	27	4.3	**********
6.00	6.50	143	23.0	**********
6.50	7.00	113	18.2	**********
7.00	7.50	128	20.6	**********
7.50	8.00	120	19.3	**********
8.00	8.50	68	10.9	**********
8.50	9.00	22	3.5	**********
9.00	9.50	1	.2	*
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 622
OUTSIDE RANGE 0

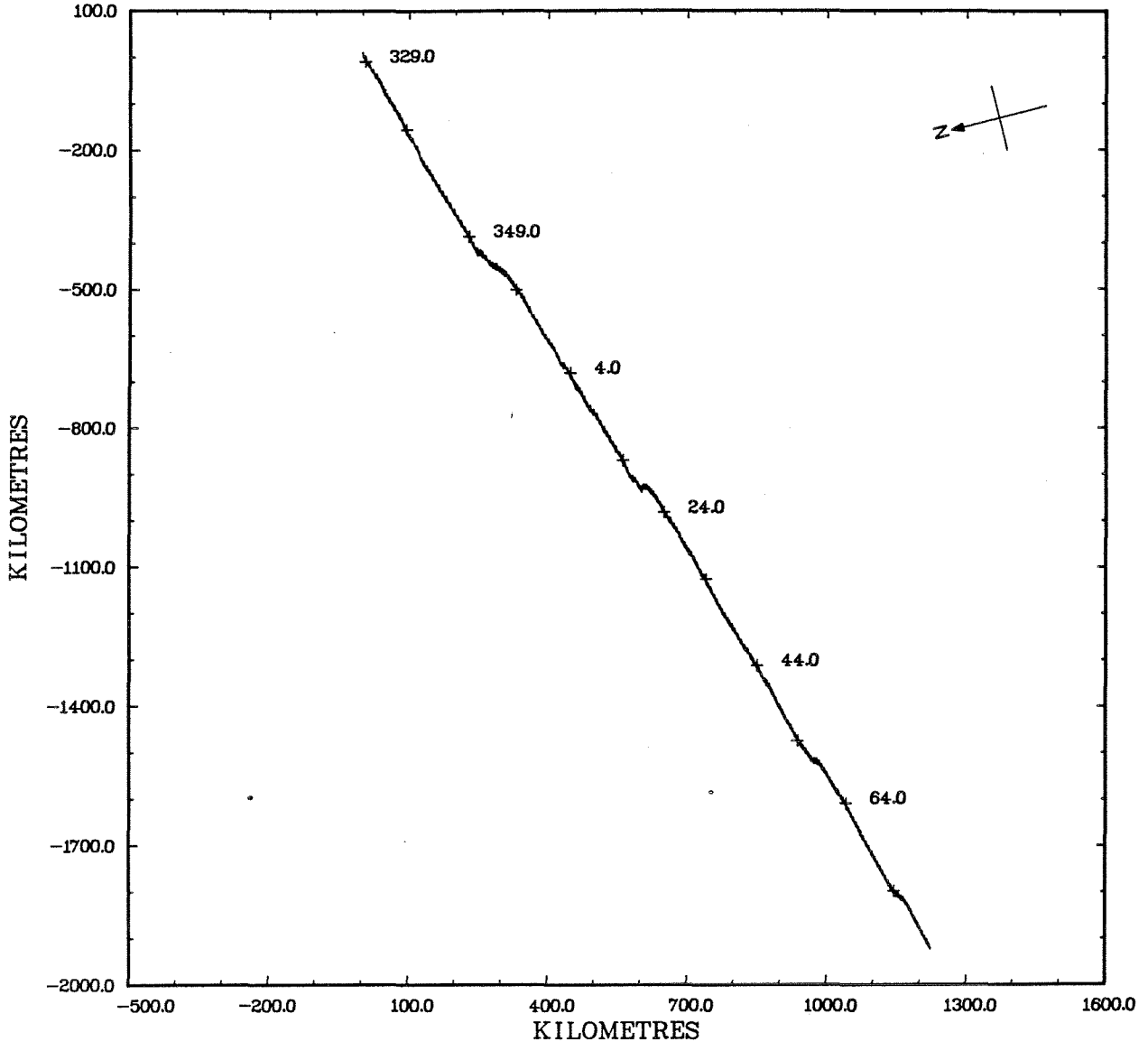
TABLE 13

MOORING SUMMARY, CRUISE 81-042

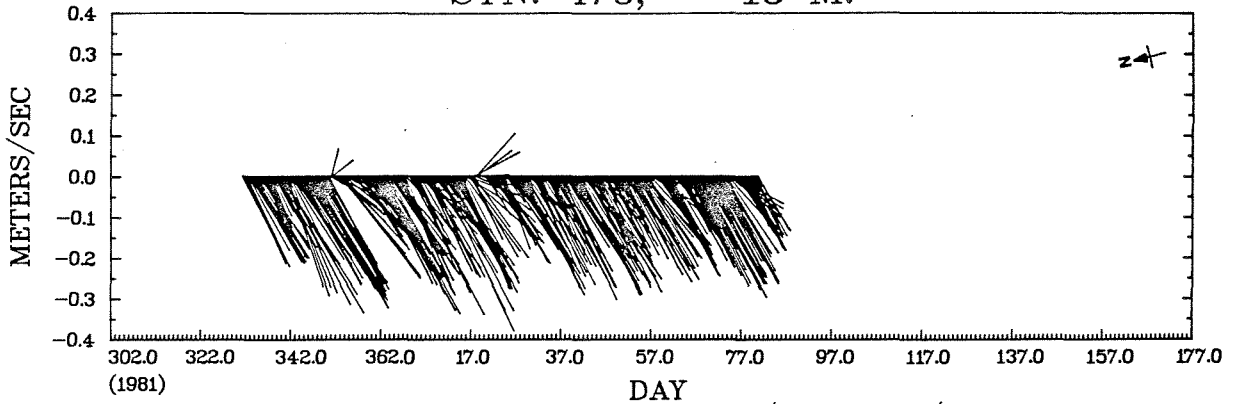
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
COA(470)	43°20.80'N	65°37.00'W	0245	V	10	30	
			1902	A	15	30	Instrument occasionally failed to start at low temperatures. Fault was in the encoder motor. Five cycles were inserted on day 350 and day 351, 1981, 11 cycles on day 357, 1981. Rate had to be increased for 5 hours on day 345, 1981.
CO(470)	43°21.00'N	65°36.70'W	818	A	22	30	Rotor became jammed with seaweed on day 358, 1981. Salinity is very noisy after day 26, 1982. Spindle rod was lost when recovered.
			1039	A	25	30	Rotor became jammed with seaweed on day 67, 1982. Temperature and salinity noisy throughout the record. Spindle rod was bent when recovered.
			1283	A	27	30	Rotor became jammed with seaweed on day 341, 1981. Spindle rod was bent when recovered.
C1(471)	43°11.70'N	65°42.20'W	4603	A	15	60	There was noise on all channels after day 18, 1982 because of encoder motor failure.
			1946	A	30	60	Bad tape at start of record, record had picked up 1 extra cycle on day 329, 1981.
			2662	A	40	60	
			4158	A	50	60	
			4271	A	55	60	
			4601	A	57	60	Spindle rod was bent on recovery.
C2(472)	43°03.30'N	65°45.30'W	5570	A	15	110	
			4201	A	50	110	No conductivity cell.
			4998	A	100	110	
			186	TG	110	110	

A = AANDERAA CURRENT METER V = VACM CURRENT METER TG = AANDERAA TIDE GAUGE

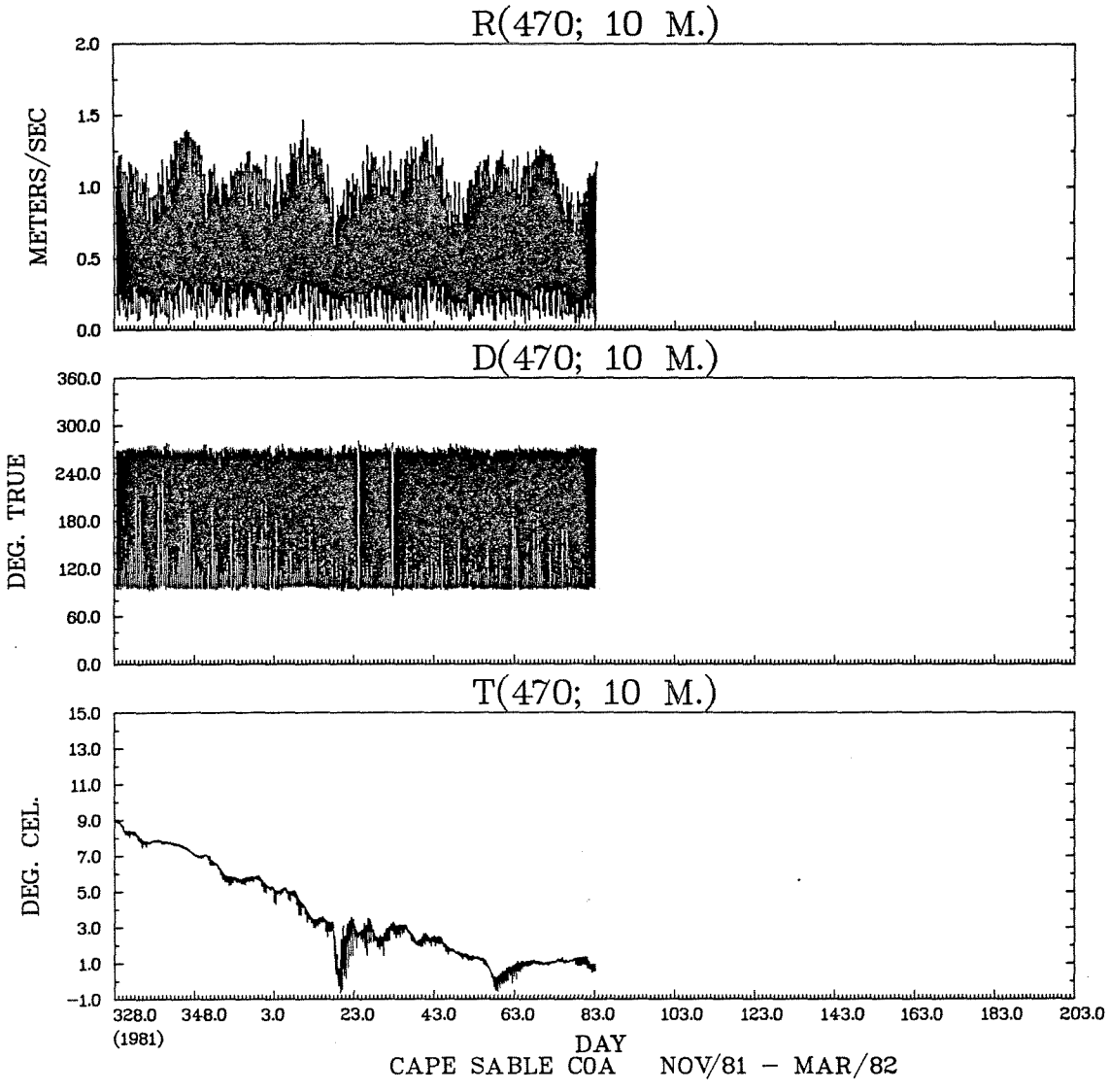
STN. 470, 10 M.

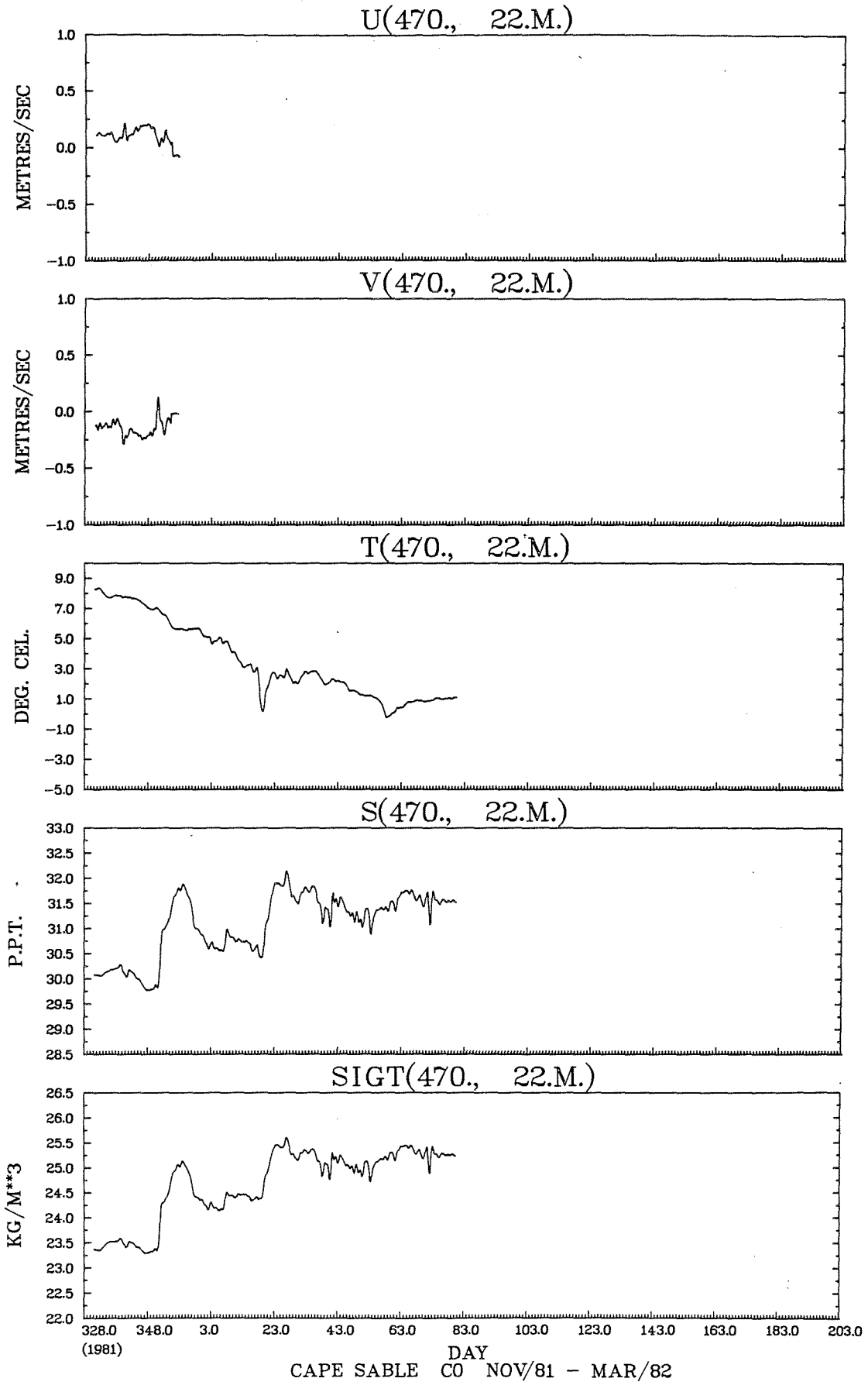


STN. 470, 10 M.



CAPE SABLE COA NOV/81 - MAR/82


R(470; 10 M.)
METERS/SEC
2.0
1.5
1.0
0.5
0.0
D(470; 10 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(470; 10 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE COA NOV/81 - MAR/82


U(470., 22.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(470., 22.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(470., 22.M.)
DEG. CEL.
9.0
7.0
5.0
3.0
1.0
-1.0
-3.0
-5.0
S(470., 22.M.)
P.P.T.
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
SIGT(470., 22.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE CO NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(470., 22.M.) VS R(470., 22.M.)

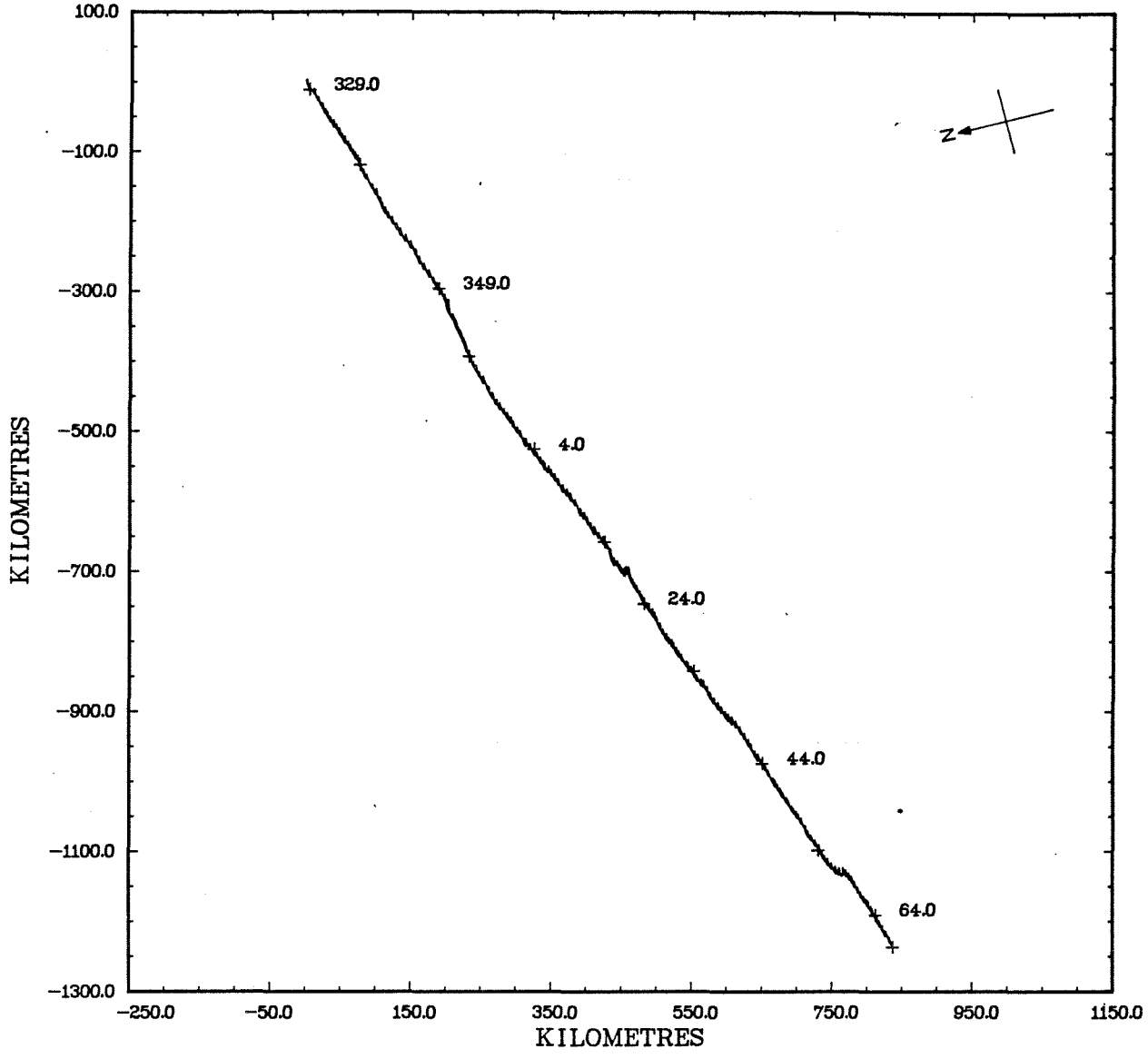
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	18	*									2.6			
1.00 TO	1.10	29	*				.6					3.6			
.90 TO	1.00	55	*			.9	1.4					5.5			
.80 TO	.90	89	*			1.1	1.6					9.8	.1		
.70 TO	.80	106	*			2.8	2.8					8.7	.7		
.60 TO	.70	101	*			3.0	4.7					6.3	.4		
.50 TO	.60	76	*			1.4	3.3					5.0	1.1		
.40 TO	.50	64	*			1.7	3.0				.3	2.7	1.4		
.30 TO	.40	57	*		.3	1.1	2.4	.4			1.1	1.7	.7	.1	.1
.20 TO	.30	48	*		.6	.4	1.3	.6	.1		1.8	.9	.3	.6	.3
.10 TO	.20	51	*	.3	1.1			.6	1.4	1.4	1.3	.3	.3	.3	.3
-.00 TO	.10	10	*	.1	.1		.1	.1	.1	.3				.3	.1
OUT OF RANGE		0	0												
SUB TOTAL		704	0	3	15	88	149	12	12	12	32	330	36	9	6

JOINT DISTRIBUTION (PERCENT)

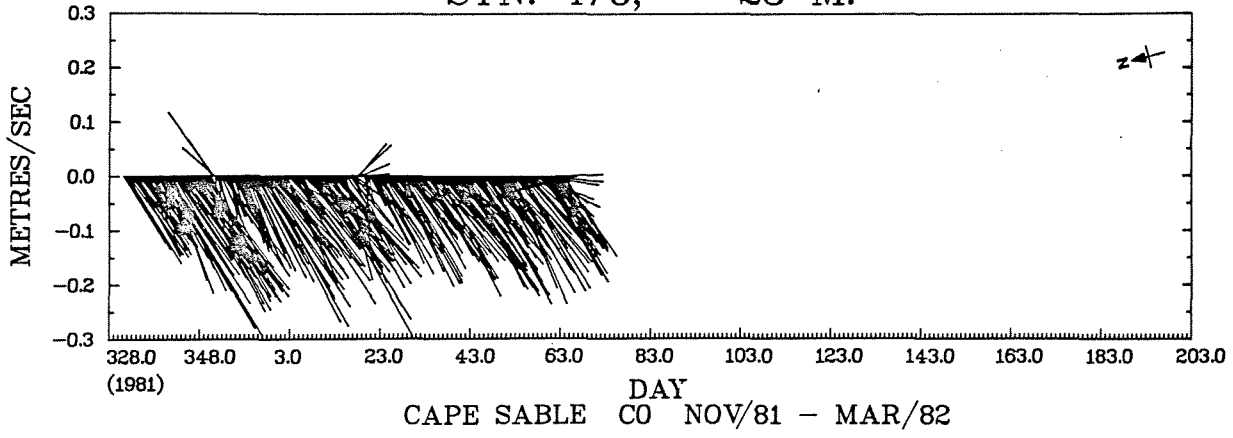
T(470., 22.M.) VS S(470., 22.M.)

P.P.T. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00		*										
32.00 TO 32.50	28	*		.4	.5	.1						
31.50 TO 32.00	985	*	11.7	16.8	.9	4.8						
31.00 TO 31.50	680	*	7.0	13.0	.1	3.5						
30.50 TO 31.00	554	*	.8	2.6	10.6	5.2		.0				
30.00 TO 30.50	460	*	1.2	.7	.2	.3	13.1	.5				
29.50 TO 30.00	168	*		.0		1.7	4.1					
29.00 TO 29.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	2875	0	595	966	359	447	494	14				

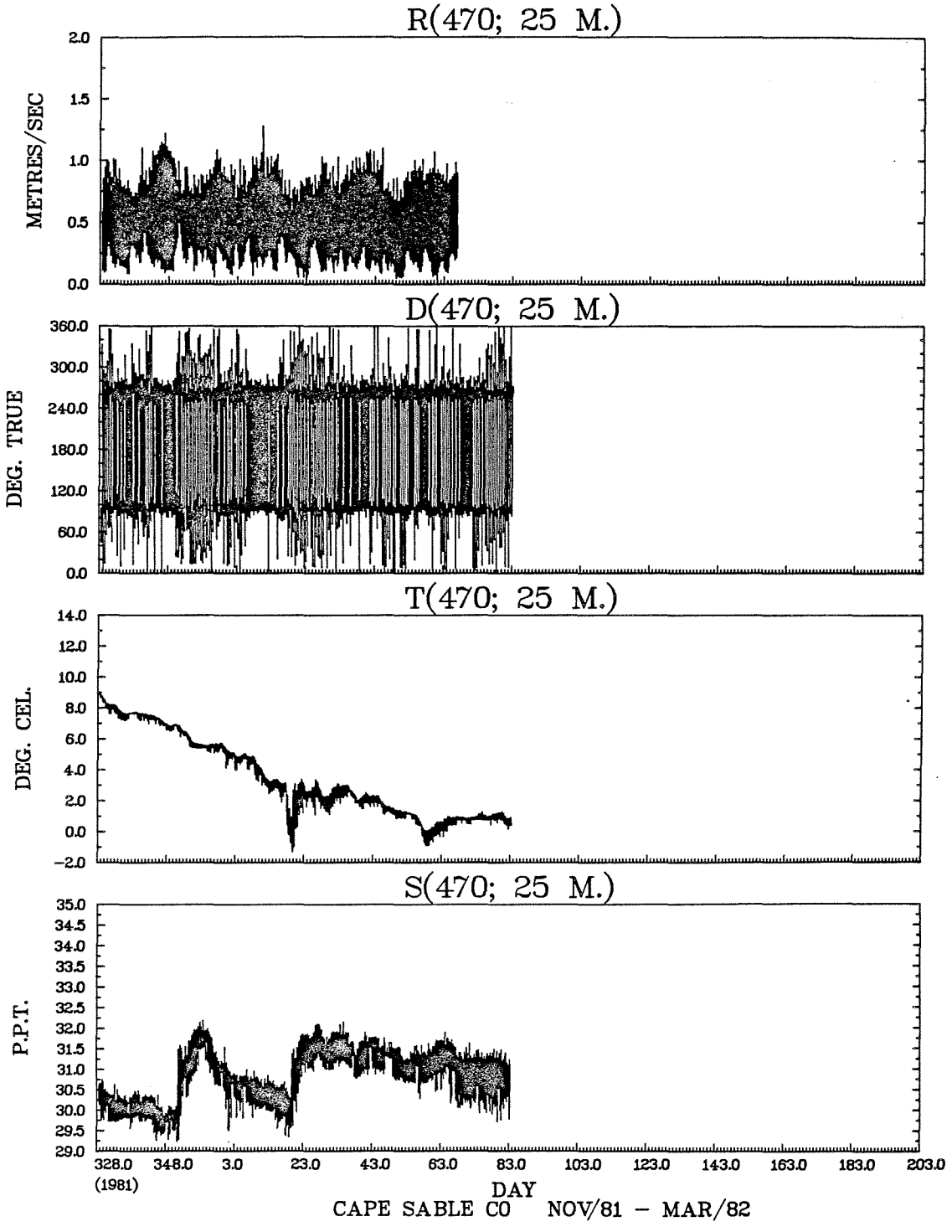
STN. 470, 25 M.

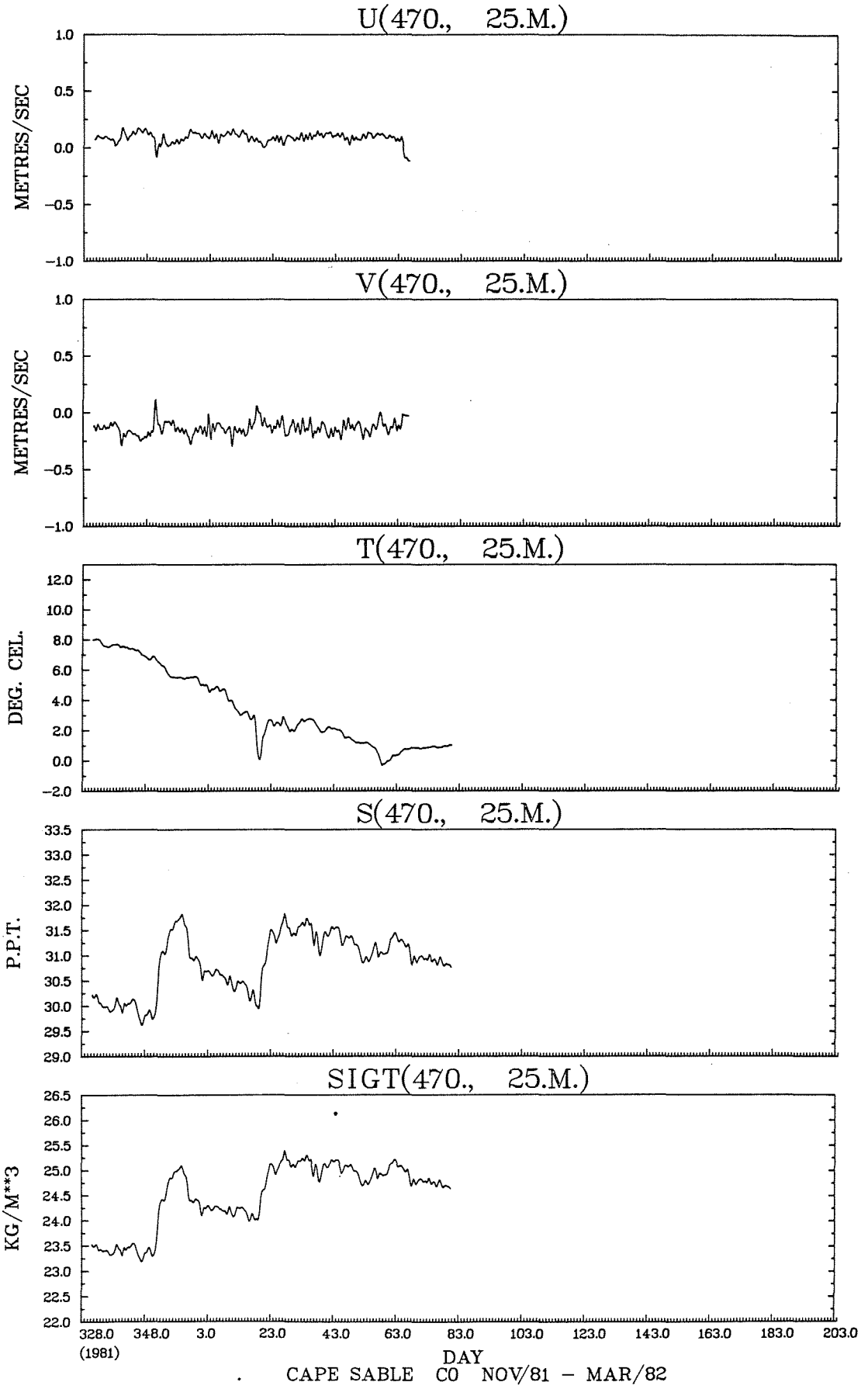


STN. 470, 25 M.



CAPE SABLE CO NOV/81 - MAR/82


R(470; 25 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(470; 25 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(470; 25 M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
S(470; 25 M.)
P.P.T.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE CO NOV/81 - MAR/82



CAPE SABLE CO NOV/81 – MAR/82

JOINT DISTRIBUTION (PERCENT)

D(470., 25.M.) VS R(470., 25.M.)

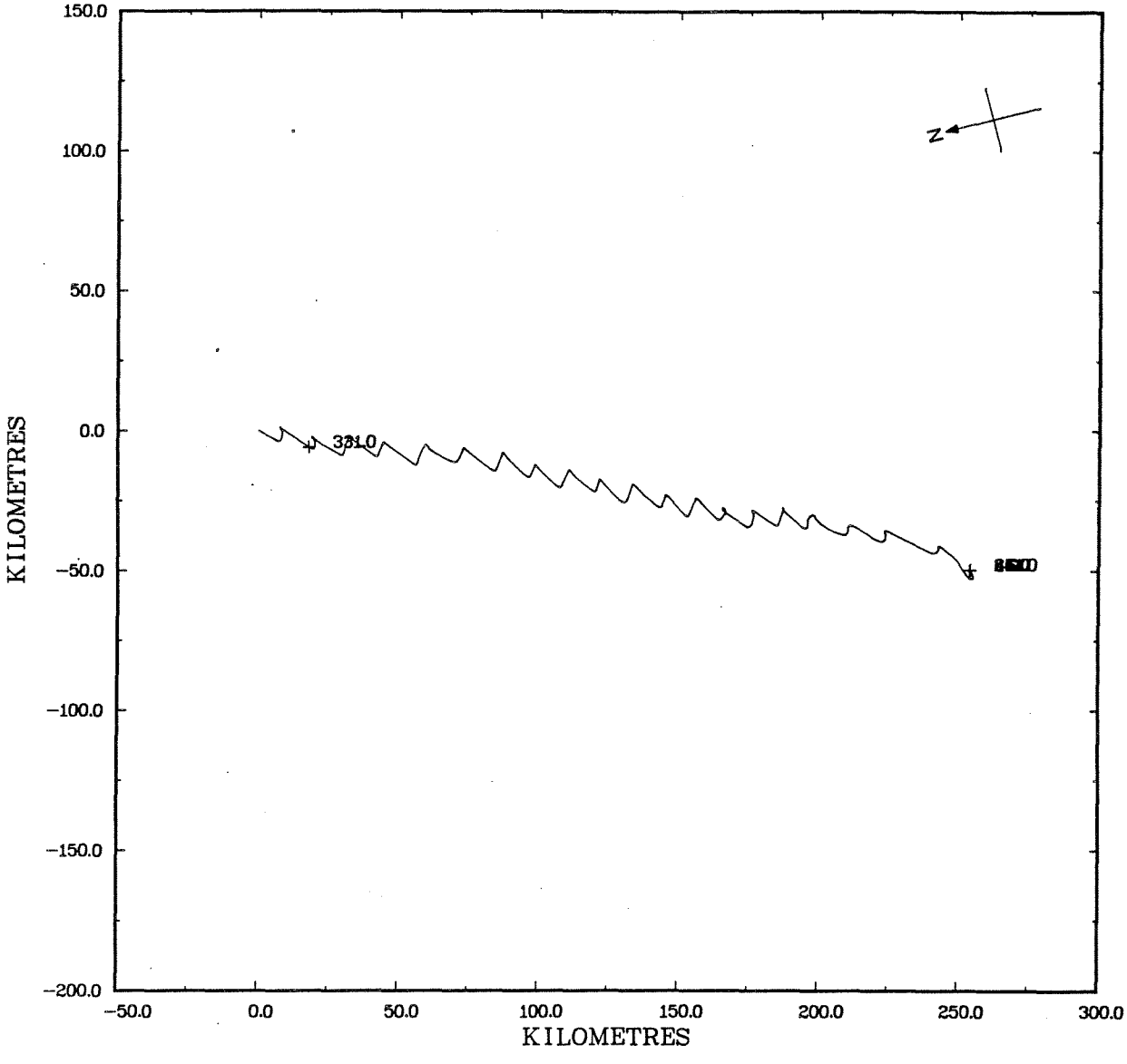
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	3	*									.1			
1.00 TO	1.10	36	*									1.5			
.90 TO	1.00	108	*			.0	.4					3.9			
.80 TO	.90	252	*			.2	1.8					8.0	.2		
.70 TO	.80	371	*			.6	4.2					9.7	.4		
.60 TO	.70	401	*			1.5	5.6				.0	7.8	1.3		
.50 TO	.60	322	*			1.6	5.2					4.4	1.8		.0
.40 TO	.50	302	*		.0	1.1	4.3	.1	.0			4.1	2.5	.1	.0
.30 TO	.40	192	*		.1	1.2	2.3	.2		.0	.4	2.5	.9	.0	
.20 TO	.30	209	*		.3	.8	2.0	1.0	.1	.1	.9	2.0	1.1	.2	
.10 TO	.20	219	*	.2	.4	.7	.5	1.2	1.4	1.2	1.3	.6	.6	.5	.2
-.00 TO	.10	66	*	.2	.1	.2	.2	.3	.3	.4	.2	.1	.0	.4	.3
OUT OF RANGE		0	0												
SUB TOTAL		2481	0	11	24	195	652	68	46	43	70	1107	219	32	14

JOINT DISTRIBUTION (PERCENT)

T(470., 25.M.) VS S(470., 25.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	2	*		.1								
31.50 TO	32.00	416	*	.6	8.7	.8	4.3						
31.00 TO	31.50	890	*	12.1	14.8	.3	3.7						
30.50 TO	31.00	778	*	9.7	5.4	7.6	4.0	.5					
30.00 TO	30.50	456	*	1.1	1.7	4.1	.8	8.2					
29.50 TO	30.00	330	*	.8	.2		3.5	6.9					
29.00 TO	29.50	3	*				.1	.0					
OUT OF RANGE		0	0										
SUB TOTAL		2875	0	697	889	369	471	449					

STN. 470, 27 M.



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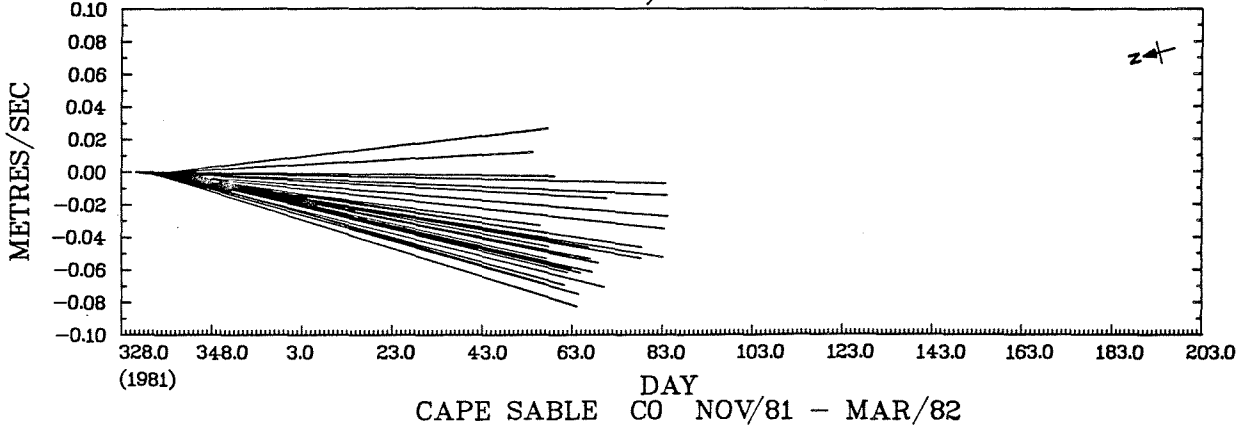
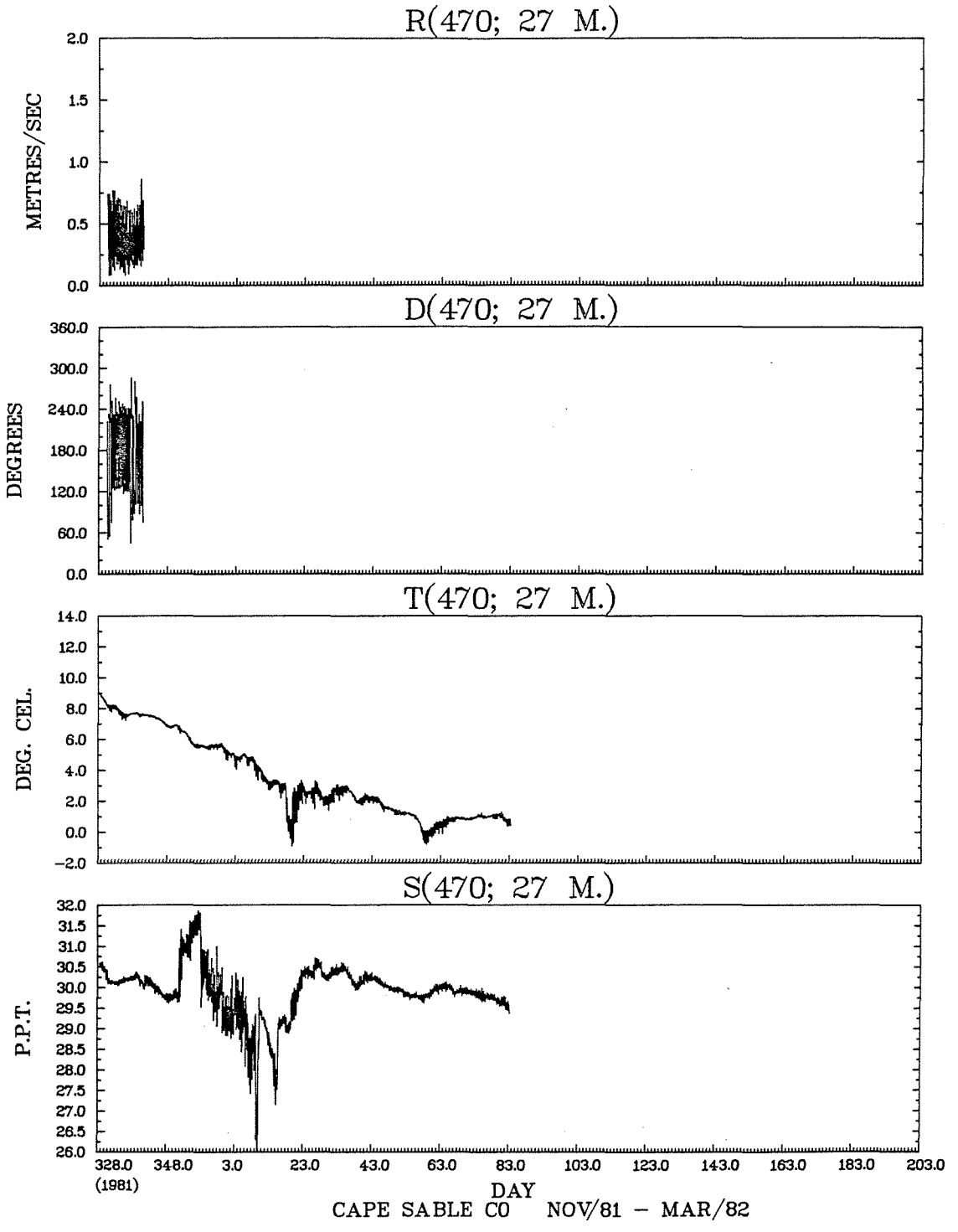
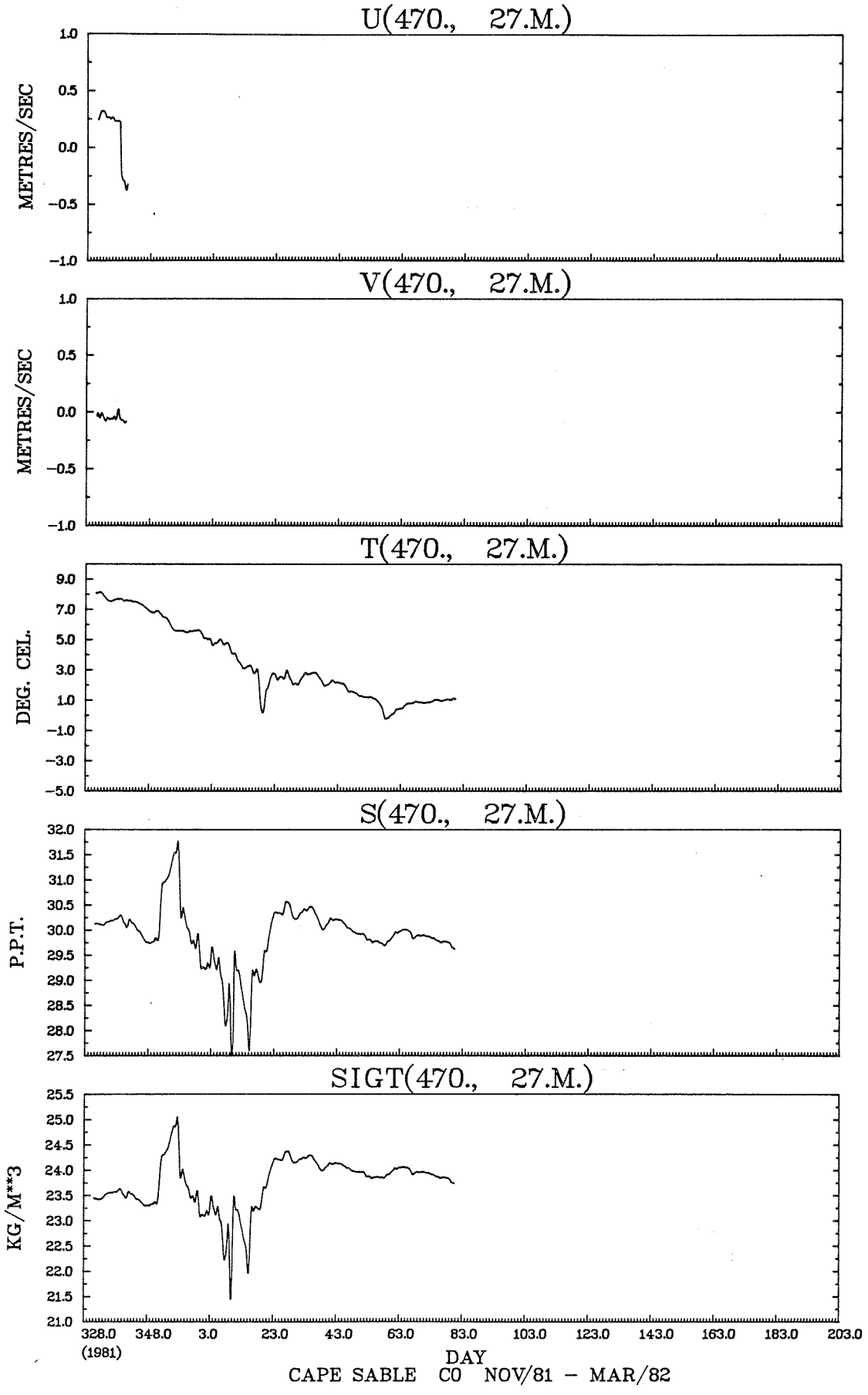


CAPE SABLE CO NOV/81 – MAR/82


R(470; 27 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(470; 27 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(470; 27 M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
S(470; 27 M.)
P.P.T.
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
27.5
27.0
26.5
26.0
328.0
(1981)
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
DAY
CAPE SABLE CO NOV/81 - MAR/82


U(470., 27.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(470., 27.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(470., 27.M.)
DEG. CEL.
9.0
7.0
5.0
3.0
1.0
-1.0
-3.0
-5.0
S(470., 27.M.)
P.P.T.
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
27.5
SIGT(470., 27.M.)
KG/M**3
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
21.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C0 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(470., 27.M.) VS R(470., 27.M.)

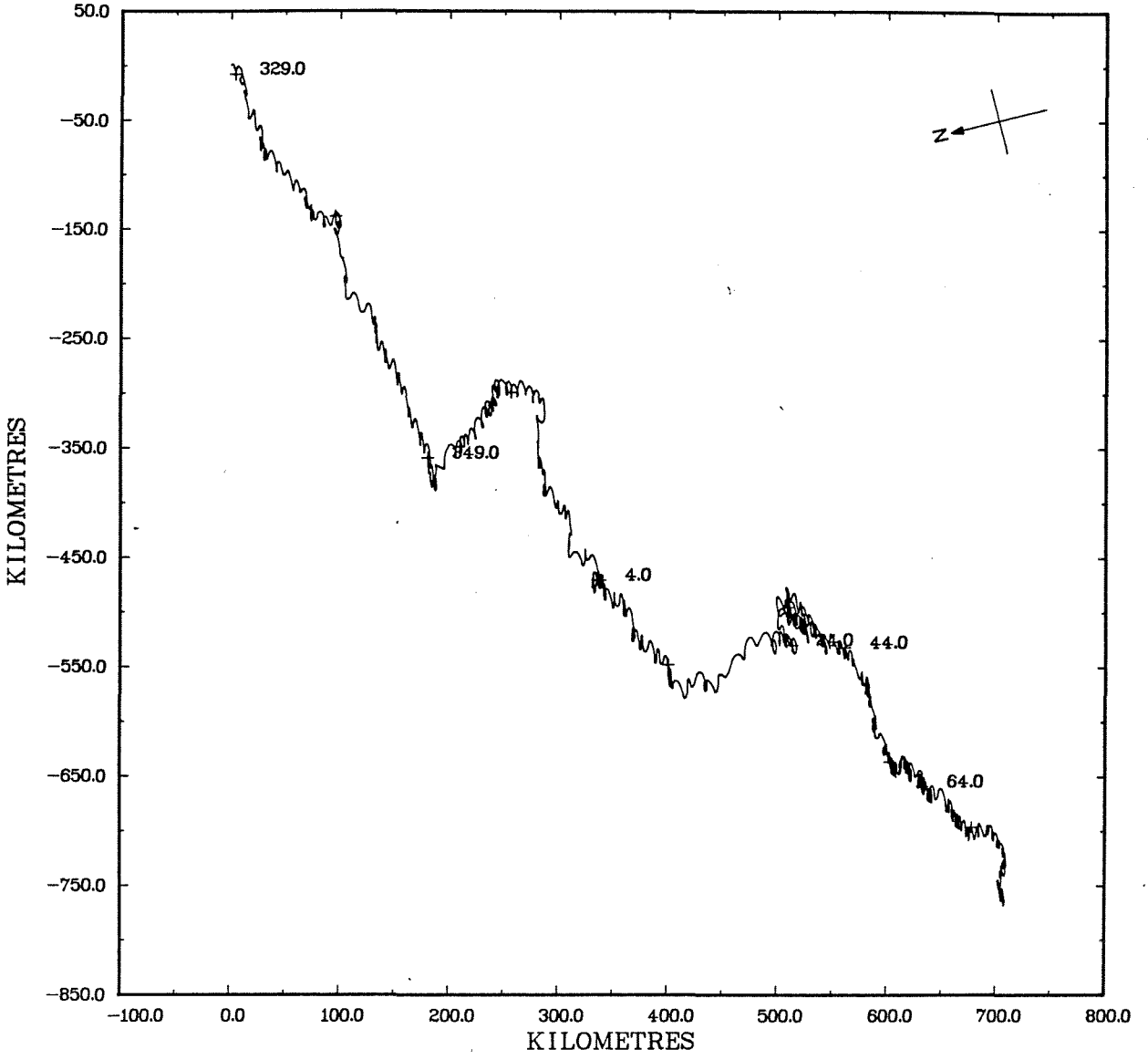
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*								.7				
.70 TO	.80	11	*								3.7				
.60 TO	.70	39	*					.3			10.4	2.4			
.50 TO	.60	44	*				.3	4.0			8.1	2.4			
.40 TO	.50	46	*			.7	3.4	3.7			6.7	1.0			
.30 TO	.40	46	*			1.0	2.4	4.7	1.0	.3	5.1	1.0			
.20 TO	.30	40	*		.7		.7	3.0	1.0	4.0	3.4	.7			
.10 TO	.20	23	*			1.0		1.3	2.0	1.0	1.3	.3	.7		
-.00 TO	.10	4	*		.3				.3	.3			.3		
OUT OF RANGE		42	42												
SUB TOTAL		297	42		3	8	20	51	13	17	117	23	3		

JOINT DISTRIBUTION (PERCENT)

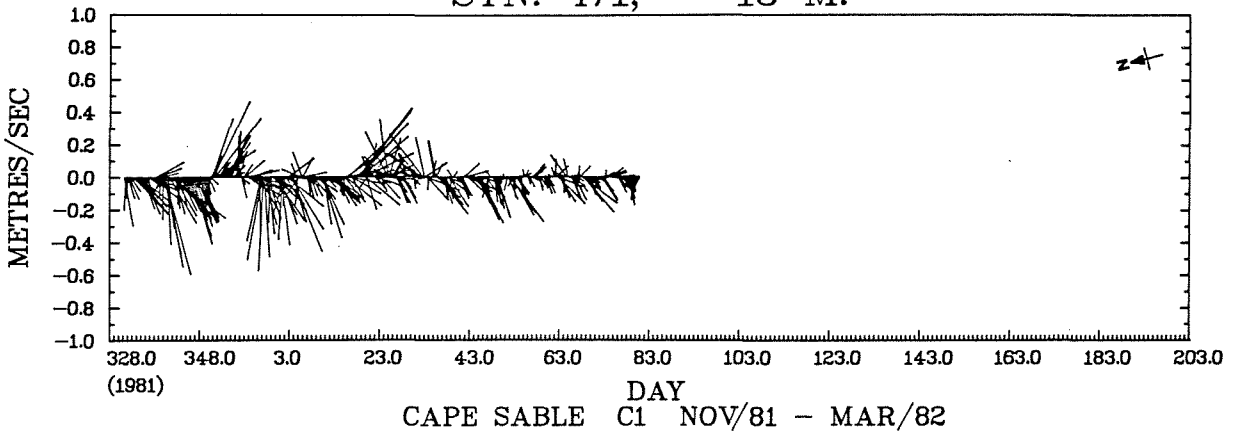
T(470., 27.M.) VS S(470., 27.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
31.50 TO 32.00	45	*				1.6						
31.00 TO 31.50	63	*				2.2						
30.50 TO 31.00	132	*		1.4	.6	2.0	.6					
30.00 TO 30.50	1065	*	2.3	18.7	1.0	2.1	12.9					
29.50 TO 30.00	1098	*	16.4	12.1	1.1	6.2	2.3					
29.00 TO 29.50	255	*	1.3	1.3	4.5	1.9						
28.50 TO 29.00	111	*	.6	.4	2.1	.8						
28.00 TO 28.50	59	*		.1	1.9							
27.50 TO 28.00	28	*			1.0							
27.00 TO 27.50	8	*			.3							
26.50 TO 27.00	3	*			.1							
26.00 TO 26.50	6	*			.2							
OUT OF RANGE	1	0			1							
SUB TOTAL	2874	0	590	979	366	482	457					

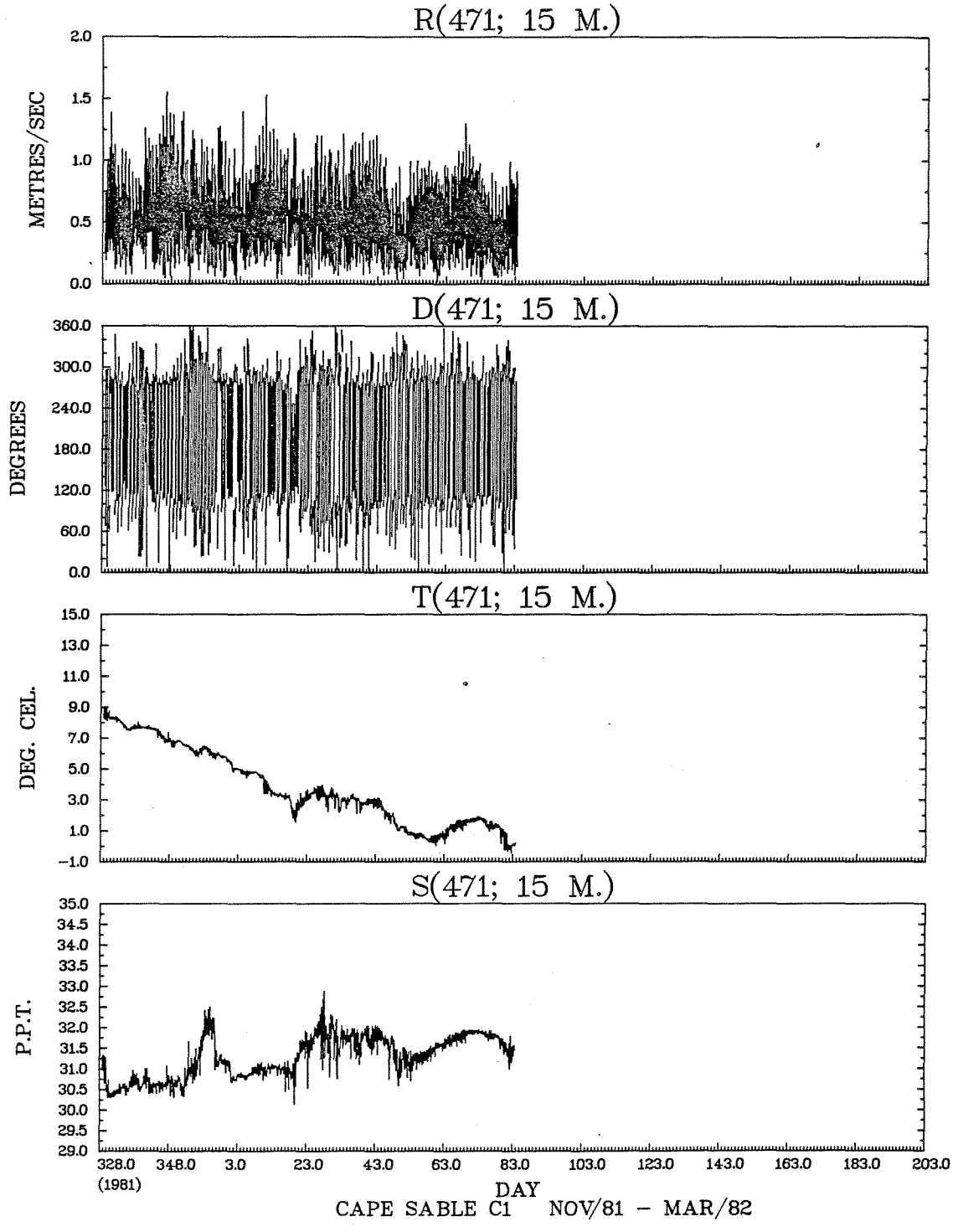
STN. 471, 15 M.

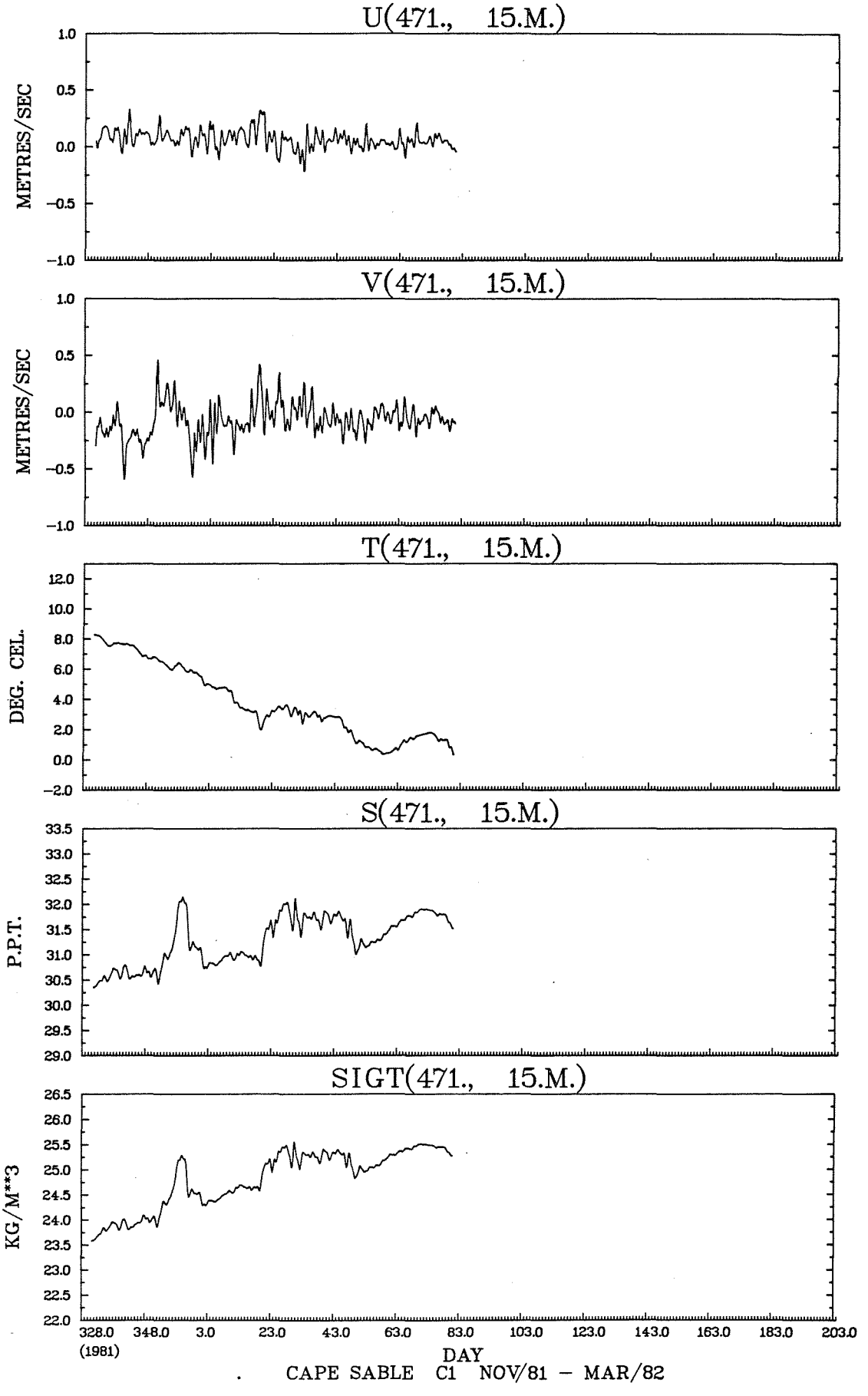


STN. 471, 15 M.



CAPE SABLE C1 NOV/81 - MAR/82


R(471; 15 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(471; 15 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(471; 15 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(471; 15 M.)
P.P.T.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82


U(471., 15.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(471., 15.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(471., 15.M.)
DEG. CEL.
12.0
10.0
8.0
6.0
4.0
2.0
0.0
−2.0
S(471., 15.M.)
P.P.T.
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
SIGT(471., 15.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0 348.0 3.0 23.0 43.0 63.0 83.0 103.0 123.0 143.0 163.0 183.0 203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 − MAR/82

JOINT DISTRIBUTION (PERCENT)

D(471., 15.M.) VS R(471., 15.M.)

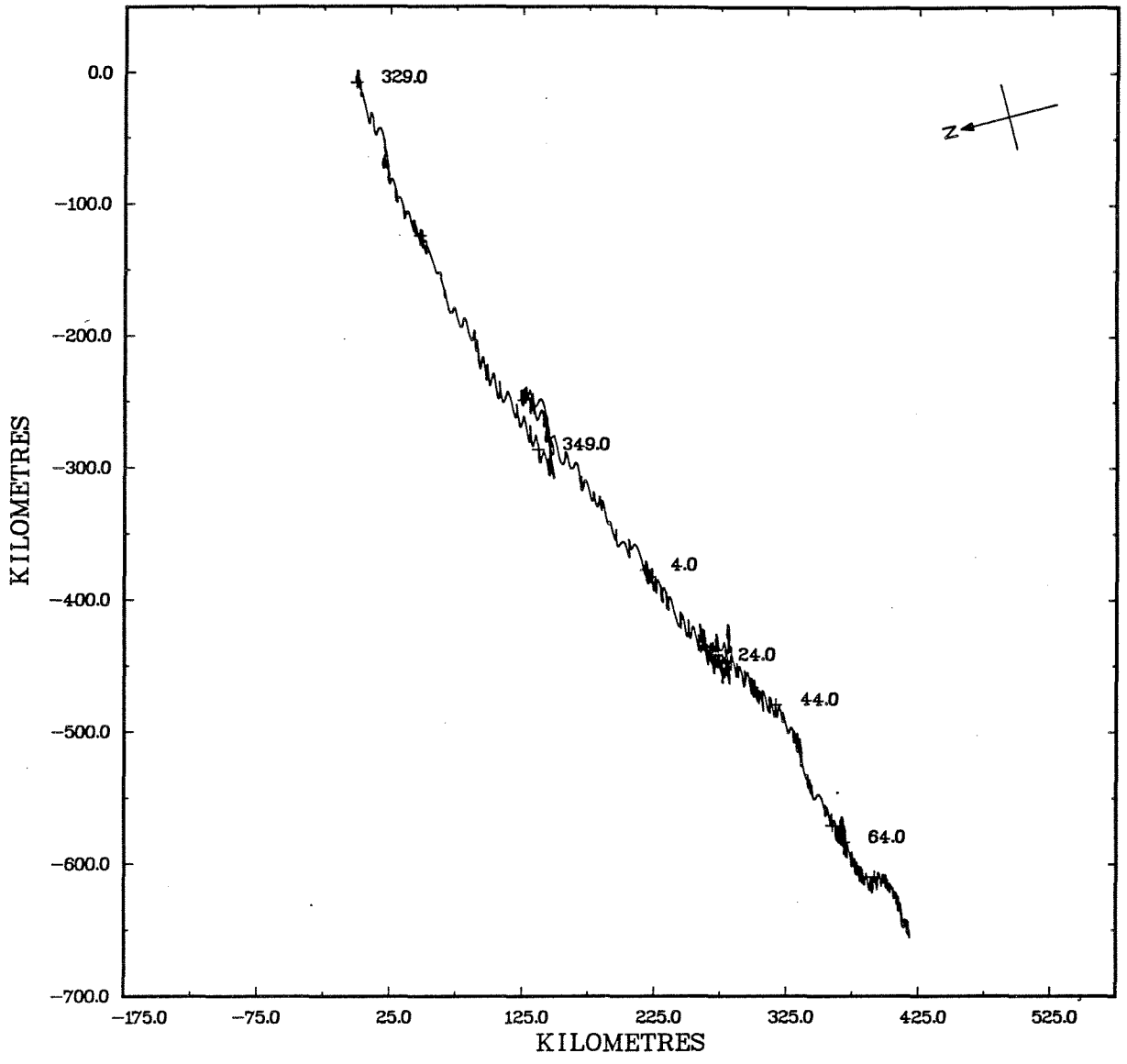
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	2	*										.1		
1.40 TO	1.50	2	*										.1		
1.30 TO	1.40	14	*				.1						.4		
1.20 TO	1.30	26	*				.1	.0				.1	.7		
1.10 TO	1.20	51	*				.4					.2	1.2		
1.00 TO	1.10	89	*			.0	.9	.1				.2	1.8		
.90 TO	1.00	151	*			.0	1.8	.0				.6	2.8		
.80 TO	.90	241	*			.1	3.5	.2				.8	3.7	.0	
.70 TO	.80	340	*			.2	4.0	.6				1.5	5.5		
.60 TO	.70	351	*			.3	5.0	.9			.1	1.7	4.2	.0	
.50 TO	.60	403	*			.6	4.2	1.2	.2	.0	.3	1.9	5.6	.1	
.40 TO	.50	399	*	.0		.9	4.1	1.8	.3	.2	.6	2.3	3.0	.6	
.30 TO	.40	311	*	.1	.2	.7	1.9	1.5	.8	.6	.6	1.5	1.9	1.0	.2
.20 TO	.30	279	*	.3	.6	.8	.8	1.5	.8	1.1	.8	1.2	.9	.6	.2
.10 TO	.20	173	*	.5	.4	.6	.2	.7	.7	.6	.5	.3	.2	.7	.6
-.00 TO	.10	47	*	.2	.2	.2		.1	.1	.2	.0	.1	.2	.1	.2
OUT OF RANGE		0	0												
SUB TOTAL		2879	0	33	39	127	776	249	85	78	84	354	931	89	34

JOINT DISTRIBUTION (PERCENT)

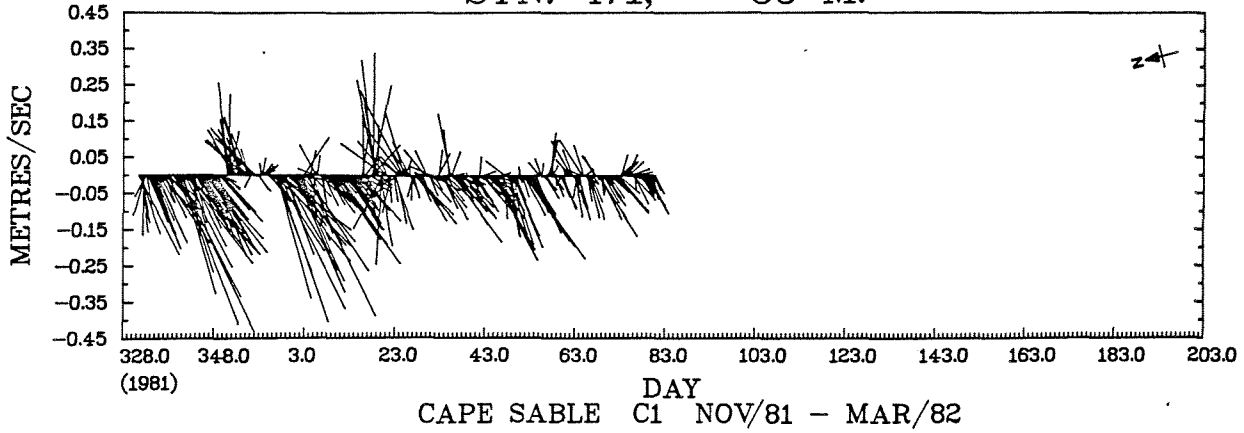
T(471., 15.M.) VS S(471., 15.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	3	*			.1							
32.00 TO 32.50	100	*		.0	1.9	1.6						
31.50 TO 32.00	1038	*	3.8	22.6	7.8	1.9						
31.00 TO 31.50	743	*	9.2	5.1	5.4	5.3	.9					
30.50 TO 31.00	828	*	.4	2.2	9.4	7.5	9.2	.0				
30.00 TO 30.50	167	*		.1	.1	1.1	4.6					
OUT OF RANGE	0	0										
SUB TOTAL	2879	0	384	863	709	499	423	1				

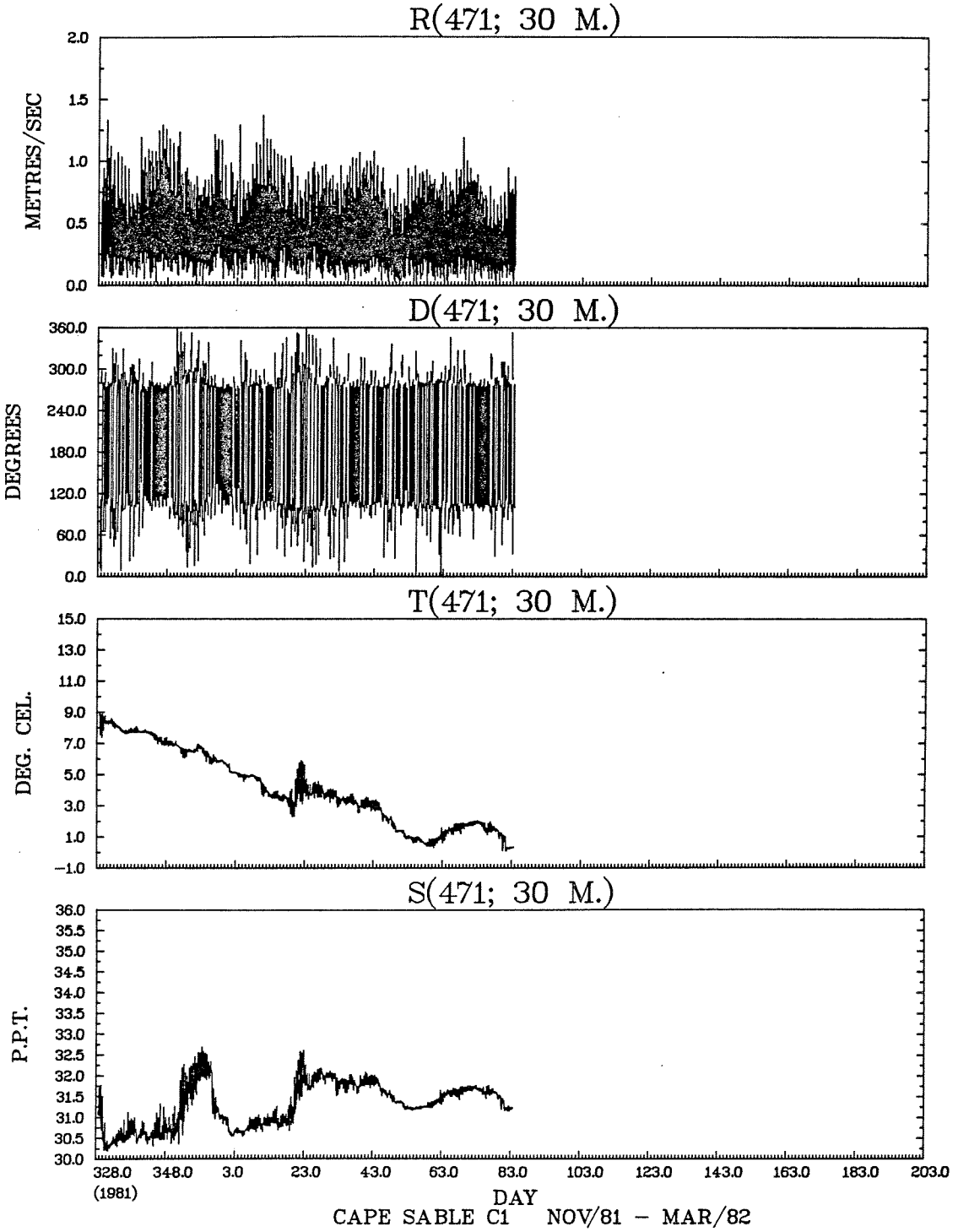
STN. 471, 30 M.

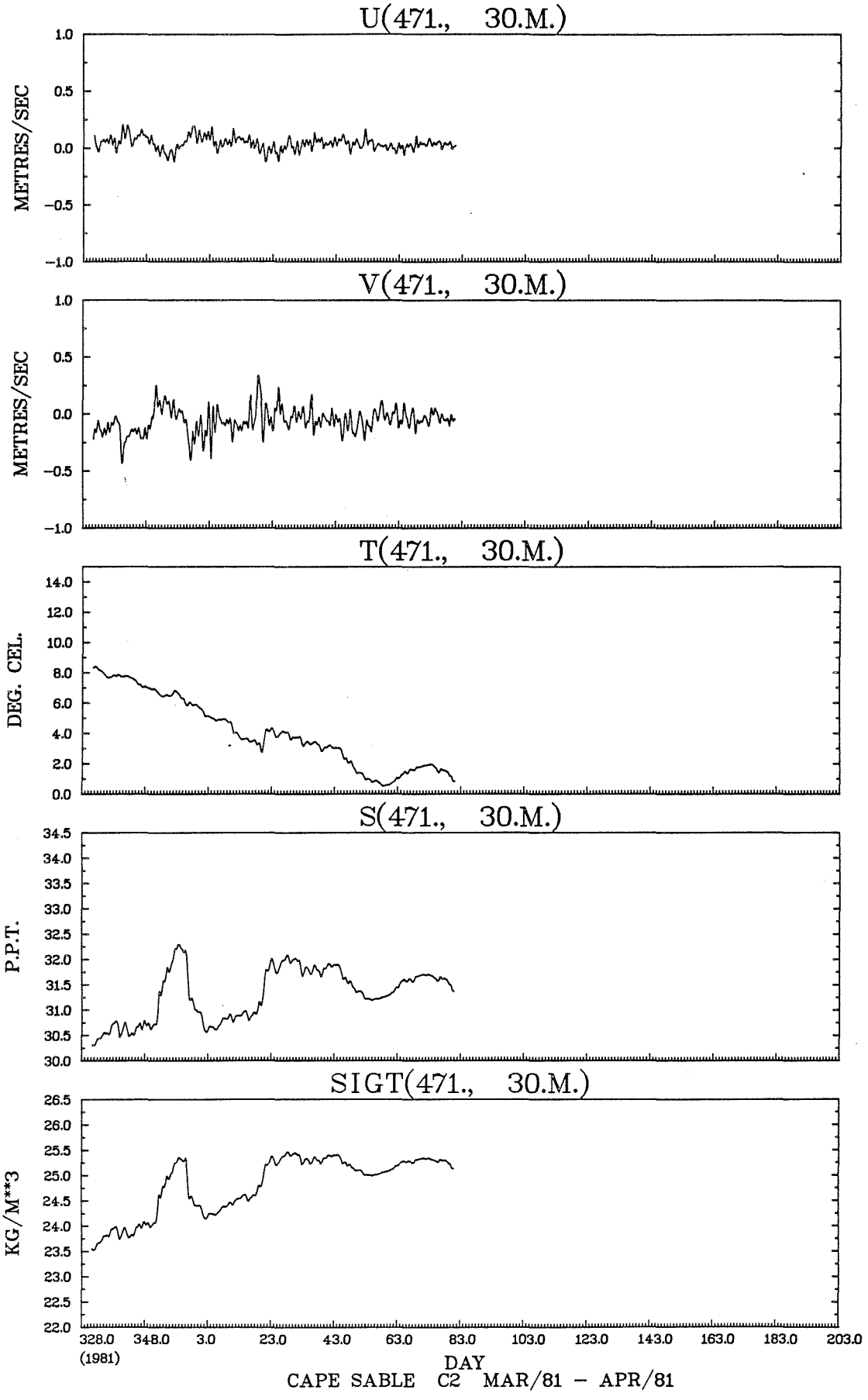


STN. 471, 30 M.



CAPE SABLE C1 NOV/81 - MAR/82


R(471; 30 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(471; 30 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(471; 30 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(471; 30 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82


U(471., 30.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(471., 30.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(471., 30.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(471., 30.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(471., 30.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C2 MAR/81 − APR/81

JOINT DISTRIBUTION (PERCENT)

D(471., 30.M.) VS R(471., 30.M.)

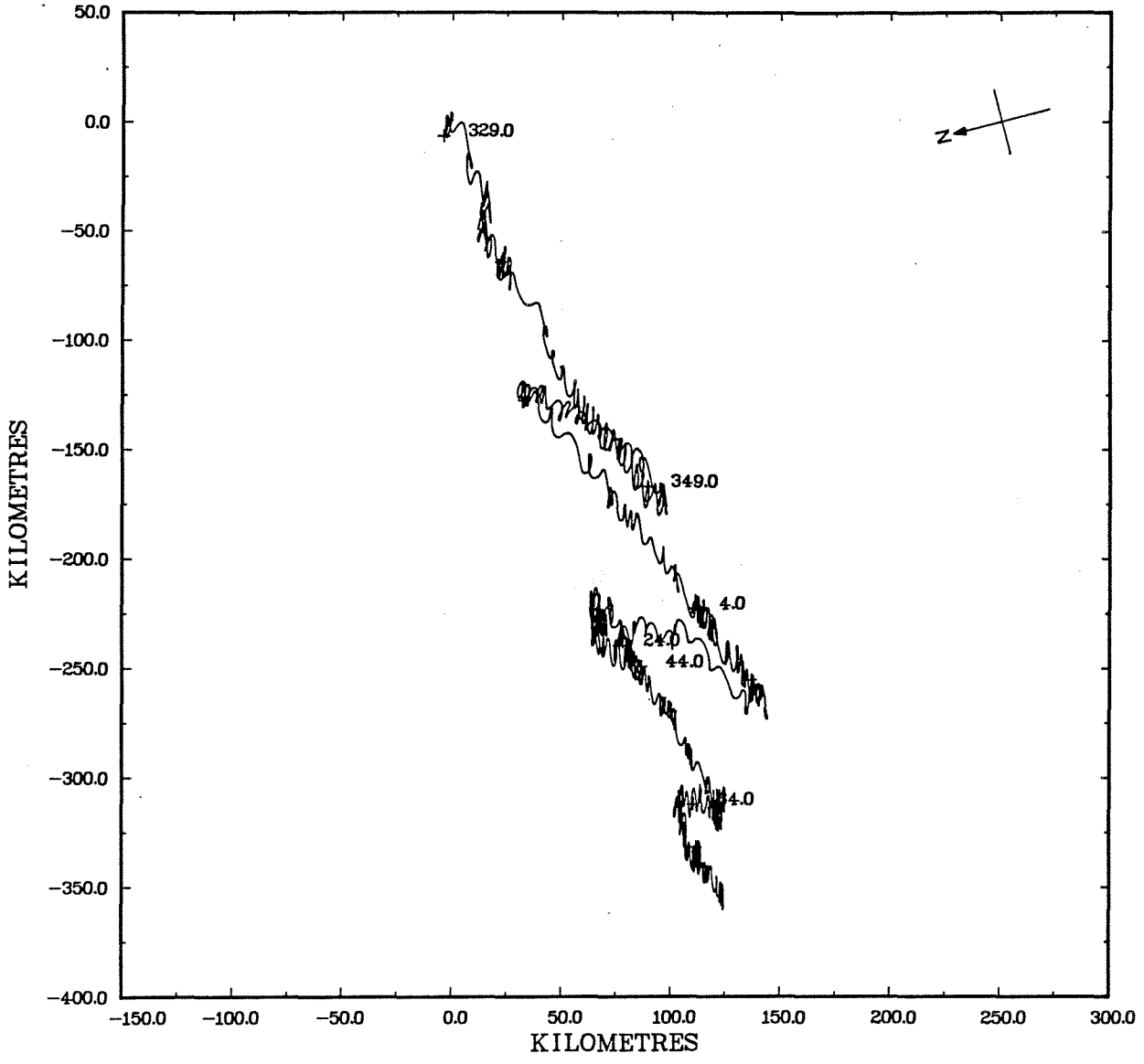
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	4	*									.0	.1		
1.20 TO	1.30	7	*				.0					.0	.2		
1.10 TO	1.20	24	*				.1					.1	.6		
1.00 TO	1.10	48	*				.1					.1	1.5		
.90 TO	1.00	106	*			.0	1.0					.3	2.3		
.80 TO	.90	185	*				2.7					.5	3.3		
.70 TO	.80	320	*			.0	5.3					.7	5.1		
.60 TO	.70	355	*			.1	5.3	.1				.7	6.1	.0	
.50 TO	.60	375	*			.1	5.8	.1				.9	6.1	.0	
.40 TO	.50	345	*			.5	4.8	.6				1.3	4.7	.1	
.30 TO	.40	359	*	.0		.6	4.6	1.3	.1	.0	.2	1.8	3.3	.5	.0
.20 TO	.30	326	*	.1	.2	.9	2.0	1.6	.4	.3	.5	2.2	2.5	.4	.1
.10 TO	.20	307	*	.3	.4	.9	1.2	1.7	1.0	.8	1.0	1.6	.5	1.0	.3
-.00 TO	.10	118	*	.3	.3	.3	.1	.4	.7	.6	.5	.3	.0	.4	.2
OUT OF RANGE		0	0												
SUB TOTAL		2879	0	21	27	102	953	166	62	50	63	299	1044	71	21

JOINT DISTRIBUTION (PERCENT)

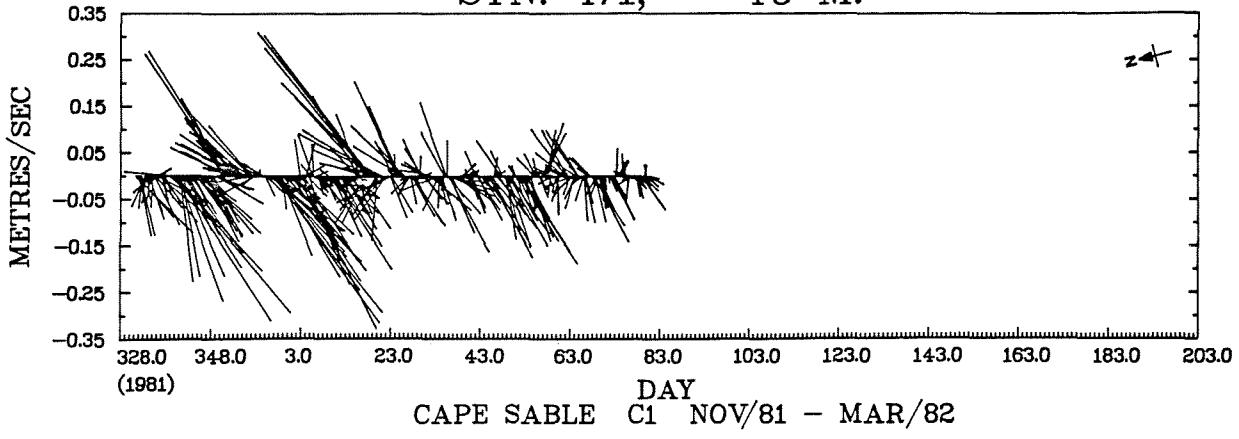
T(471., 30.M.) VS S(471., 30.M.)

P.P.T. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	19	*				.7						
32.00 TO 32.50	189	*			3.0	3.6						
31.50 TO 32.00	1012	*		18.8	13.5	2.7	.2					
31.00 TO 31.50	701	*	10.8	6.0	2.5	3.7	1.3					
30.50 TO 31.00	777	*		.4	10.7	6.9	9.0					
30.00 TO 30.50	181	*				.5	5.8					
OUT OF RANGE	0	0										
SUB TOTAL	2879	0	310	724	958	517	470					

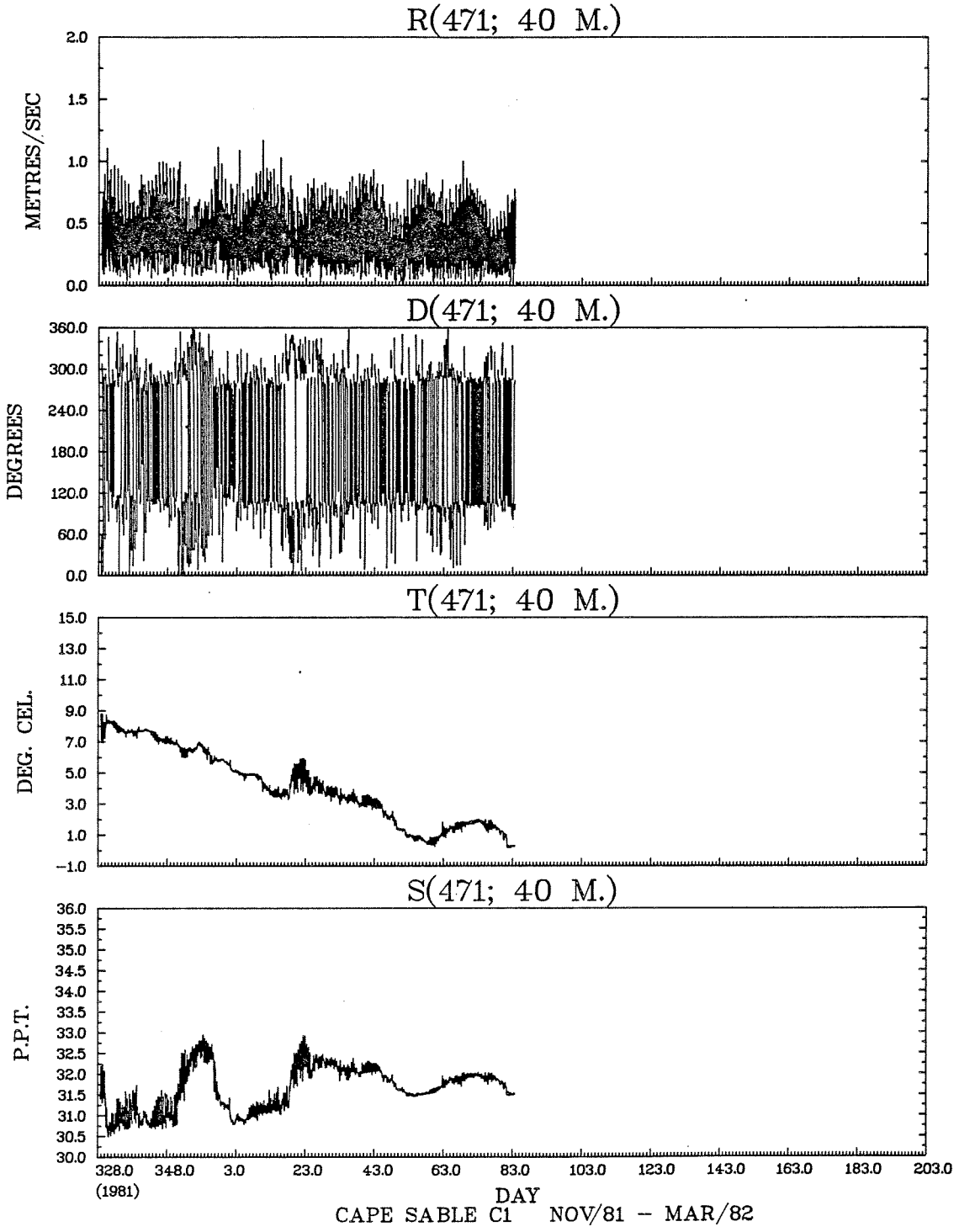
STN. 471, 40 M.

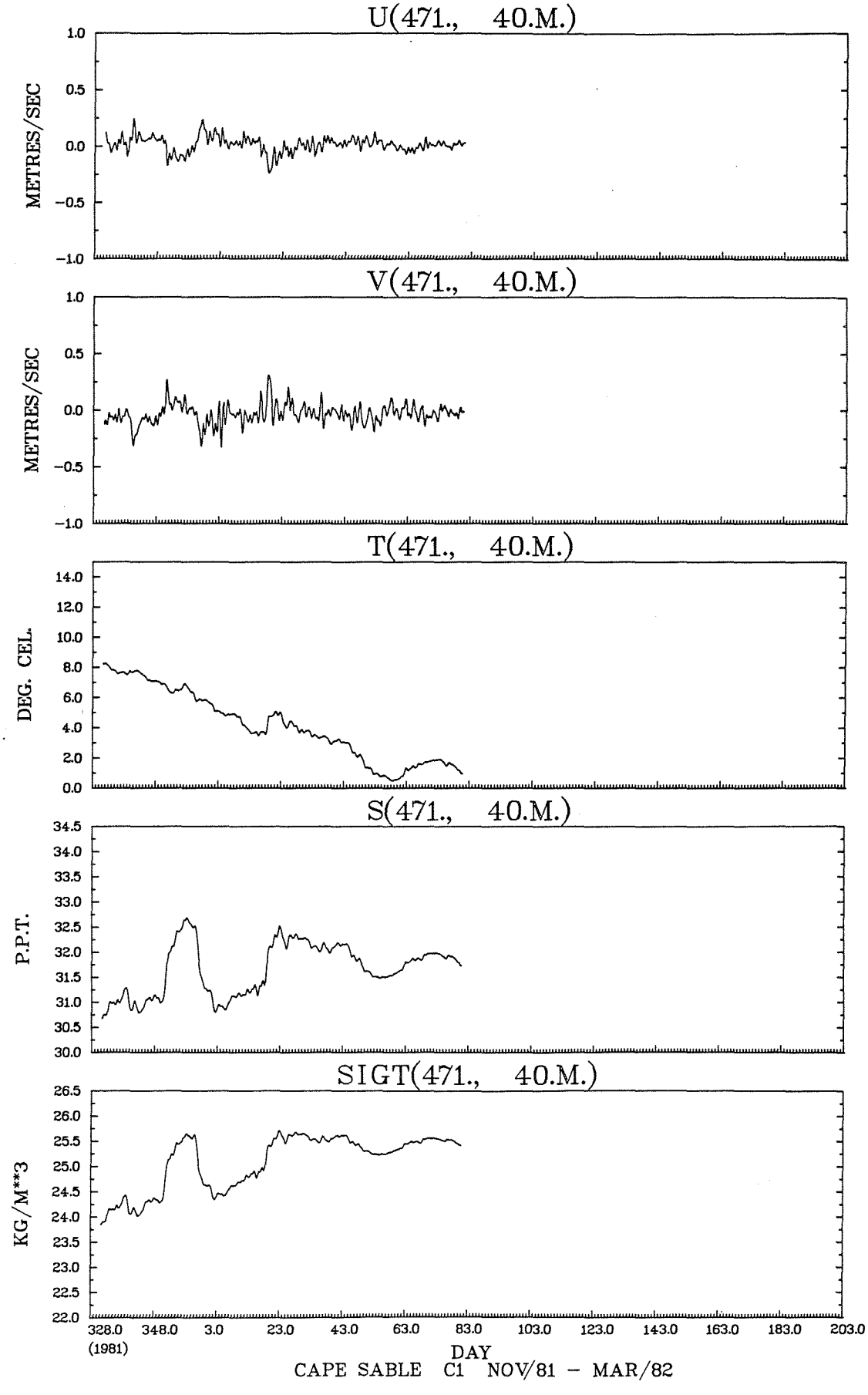


STN. 471, 40 M.



CAPE SABLE C1 NOV/81 – MAR/82


R(471; 40 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(471; 40 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(471; 40 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(471; 40 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82


U(471., 40.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(471., 40.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(471., 40.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(471., 40.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(471., 40.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(471., 40.M.) VS R(471., 40.M.)

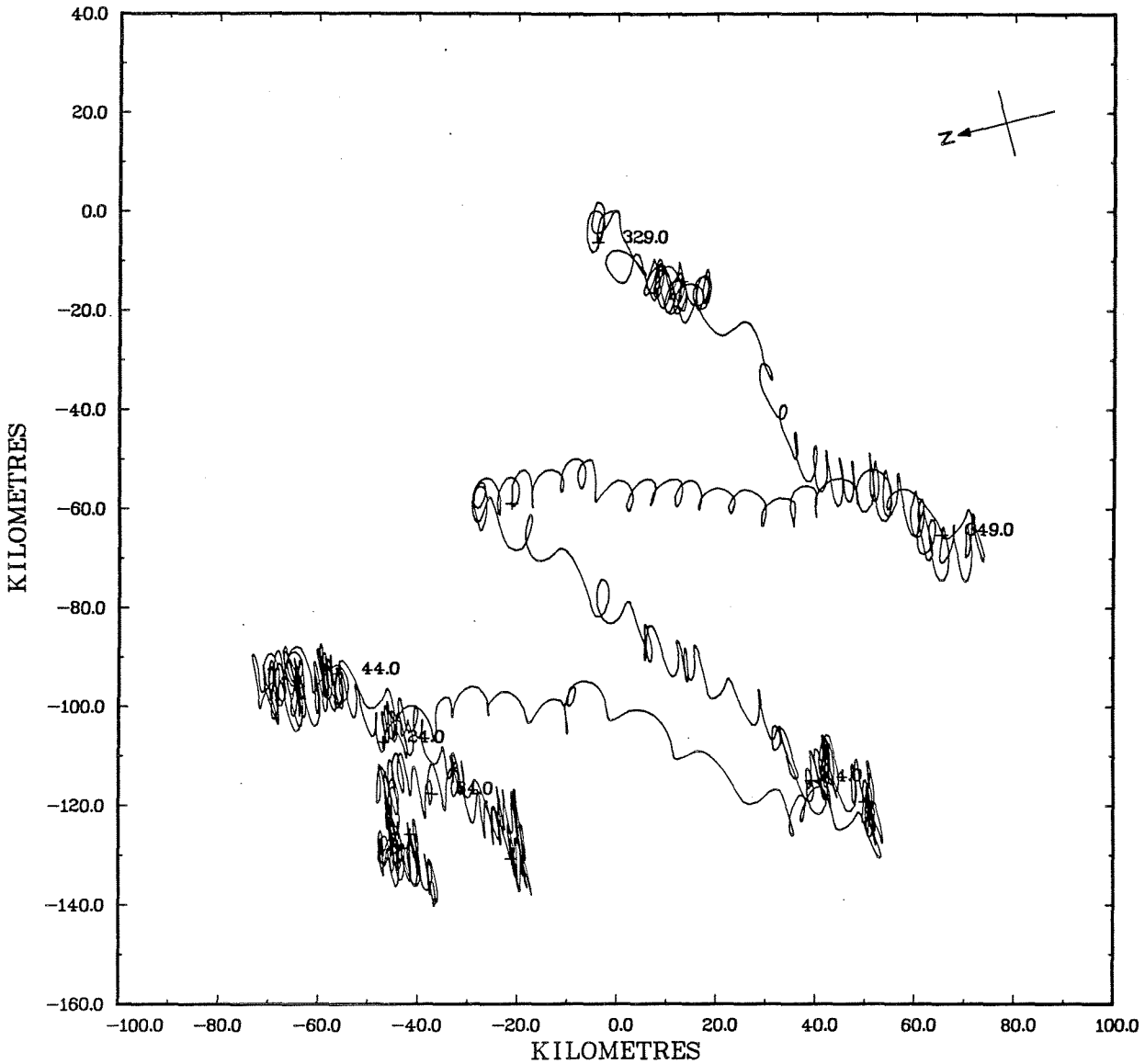
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	4	*										.1		
1.00 TO	1.10	6	*									.1	.1		
.90 TO	1.00	38	*				.2					.0	1.1		
.80 TO	.90	109	*			.1	1.1	.0				.1	2.4		
.70 TO	.80	223	*			.1	3.6	.1				.3	3.6		
.60 TO	.70	380	*			.2	5.5	.3				.5	6.6	.1	
.50 TO	.60	438	*			.2	6.7	.7				.5	6.7	.4	
.40 TO	.50	430	*			.7	5.8	.6	.1		.1	.6	5.8	1.3	
.30 TO	.40	427	*	.2	.2	.8	4.4	1.6	.2	.1	.2	1.5	4.1	1.0	.4
.20 TO	.30	386	*	.3	.5	.8	2.5	1.7	.4	.4	.5	2.0	2.6	1.0	.6
.10 TO	.20	313	*	.3	.6	1.0	1.0	1.7	.8	.9	.9	1.2	.8	1.2	.5
-.00 TO	.10	125	*	.4	.3	.4	.1	.4	.5	.5	.6	.2	.2	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		2879	0	37	48	126	894	206	55	53	64	198	986	159	53

JOINT DISTRIBUTION (PERCENT)

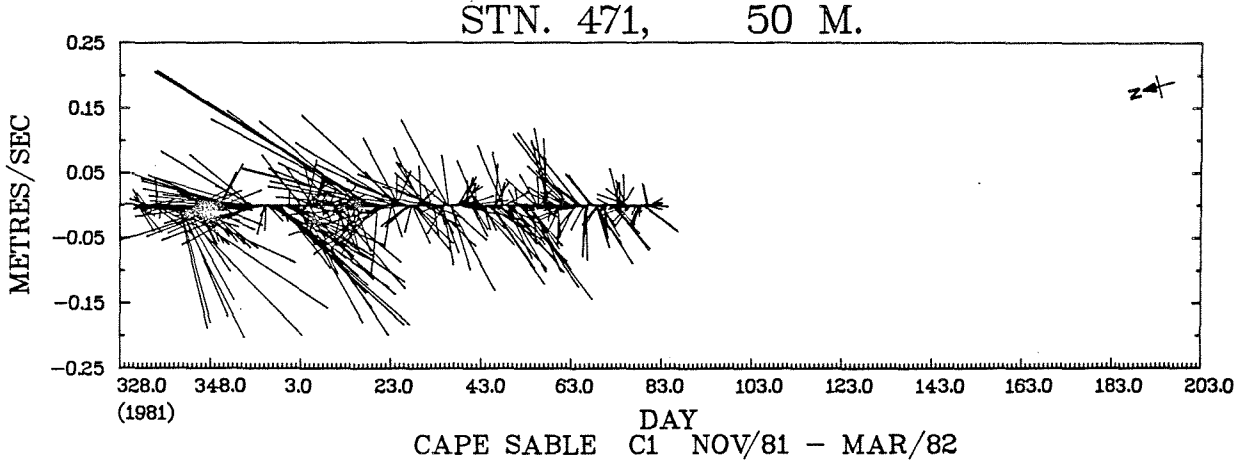
T(471., 40.M.) VS S(471., 40.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	130	*			.1	4.4						
32.00 TO	32.50	697	*		3.0	15.1	4.9	.3					
31.50 TO	32.00	1013	*	9.0	20.0	3.1	1.8	1.3					
31.00 TO	31.50	590	*	2.0		9.5	4.0	6.0					
30.50 TO	31.00	448	*			2.9	3.7	8.9					
30.00 TO	30.50	1	*					.0					
OUT OF RANGE		0	0										
SUB TOTAL		2879	0	317	687	859	540	476					

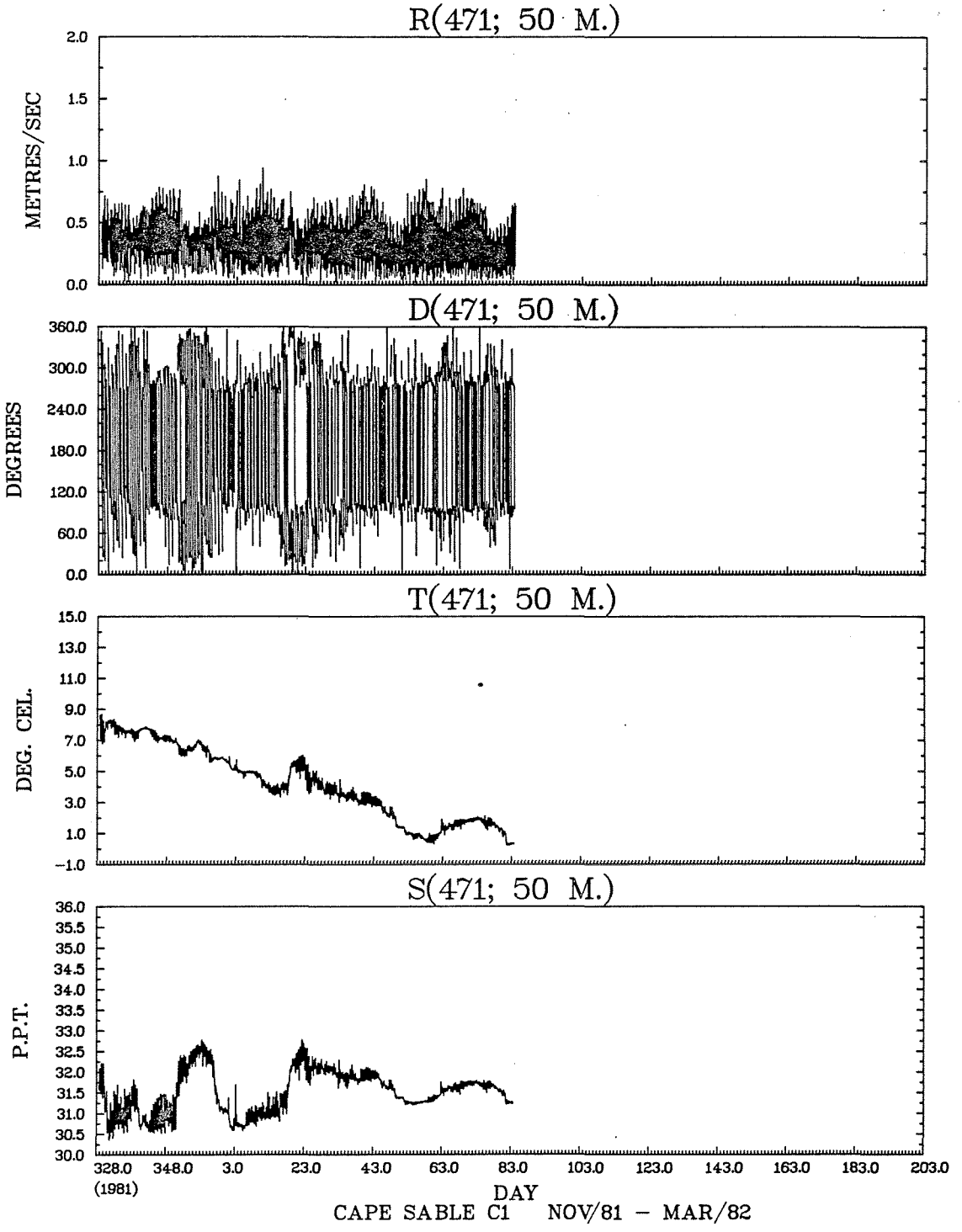
STN. 471, 50 M.

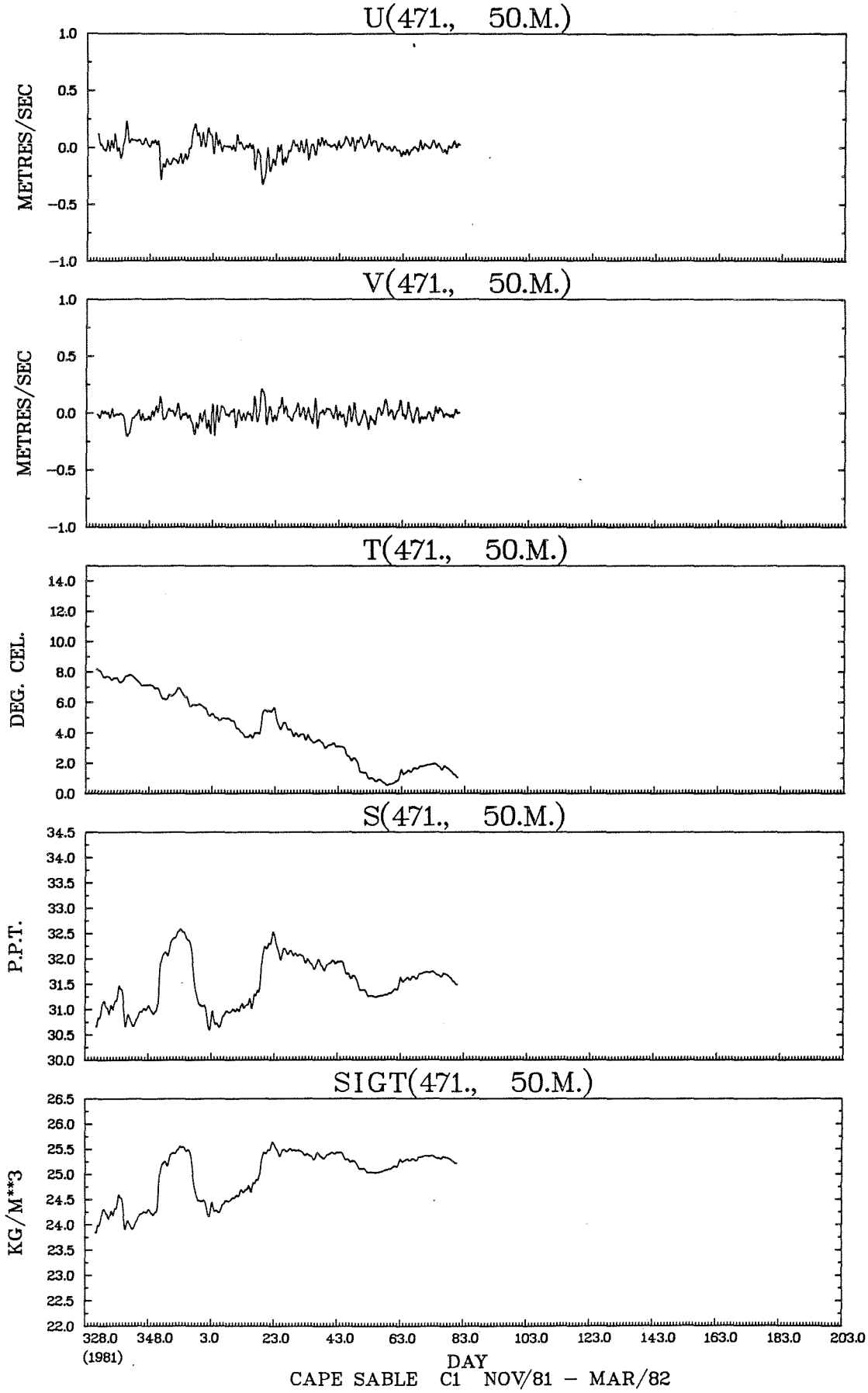


STN. 471, 50 M.



CAPE SABLE C1 NOV/81 – MAR/82


R(471; 50 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(471; 50 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(471; 50 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(471; 50 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
(1981)
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
DAY
CAPE SABLE C1 NOV/81 - MAR/82


U(471., 50.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(471., 50.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(471., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(471., 50.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(471., 50.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0 348.0 3.0 23.0 43.0 63.0 83.0 103.0 123.0 143.0 163.0 183.0 203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 − MAR/82

JOINT DISTRIBUTION (PERCENT)

D(471., 50.M.) VS R(471., 50.M.)

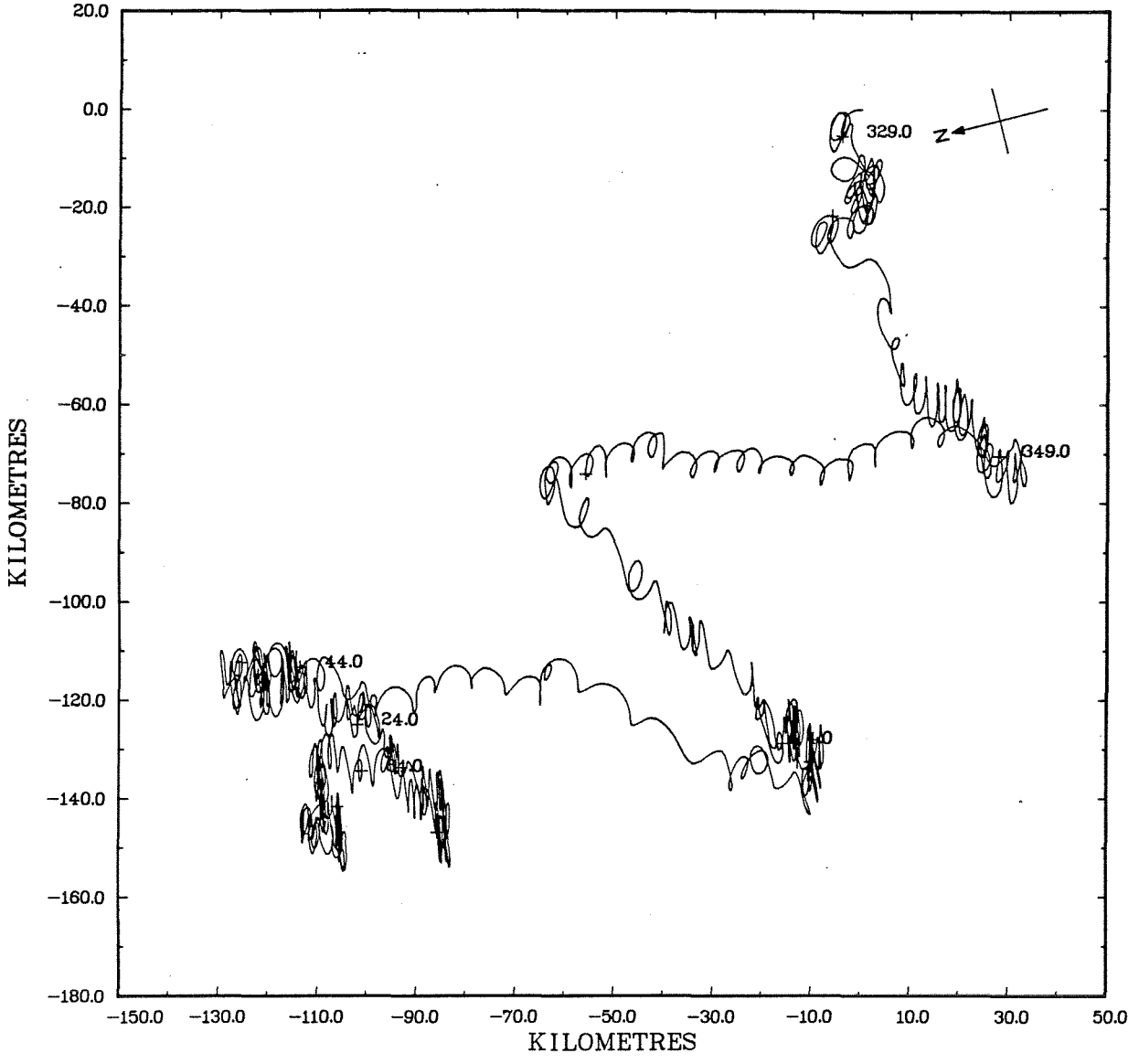
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	2	*									.1			
.80 TO	.90	7	*				.1					.1			
.70 TO	.80	68	*			.2	1.0					.5	.6		
.60 TO	.70	251	*			.6	3.9	.0				1.5	2.7		
.50 TO	.60	444	*		.1	.7	6.6	.3				1.6	5.8	.4	
.40 TO	.50	605	*	.1	.3	1.3	6.6	.7			.1	1.8	7.7	1.8	.6
.30 TO	.40	552	*	.7	.3	1.7	5.2	1.2	.3	.1	.2	2.0	4.9	1.5	.9
.20 TO	.30	448	*	.4	.5	1.2	3.4	1.5	.4	.3	.5	2.5	3.4	.7	.6
.10 TO	.20	343	*	.4	.5	1.3	1.1	1.7	.8	.8	1.1	1.7	1.2	.9	.5
-.00 TO	.10	159	*	.3	.6	.5	.2	.6	.4	.6	.6	.7	.1	.5	.4
OUT OF RANGE		0	0												
SUB TOTAL		2879	0	58	66	218	810	171	57	53	69	360	763	167	87

JOINT DISTRIBUTION (PERCENT)

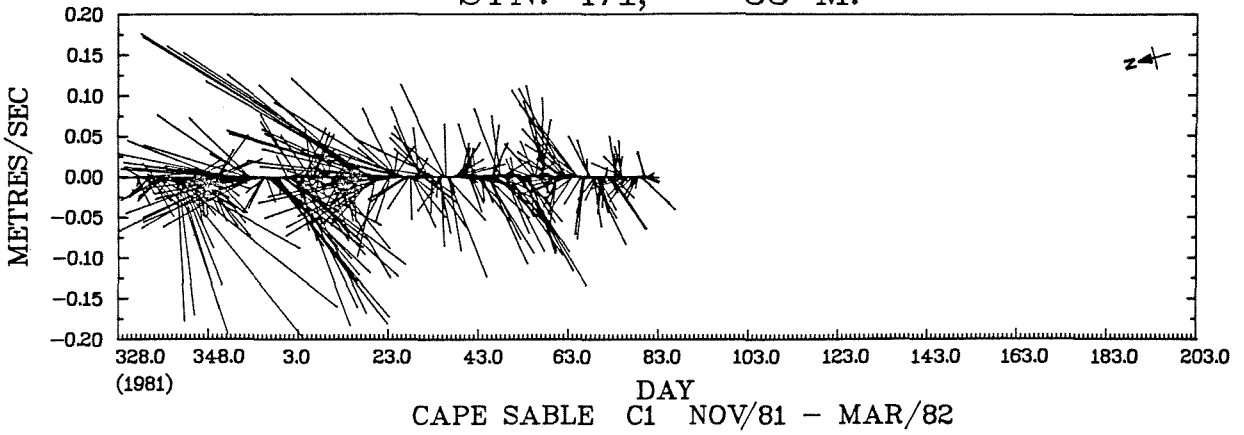
T(471., 50.M.) VS S(471., 50.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	91	*				3.1	.1					
32.00 TO	32.50	475	*			8.1	8.2	.2					
31.50 TO	32.00	950	*		20.7	8.5	2.0	1.8					
31.00 TO	31.50	943	*	9.6	4.3	5.0	4.1	6.4					
30.50 TO	31.00	512	*			6.3	3.4	8.1					
30.00 TO	30.50	8	*					.3					
OUT OF RANGE		0	0										
SUB TOTAL		2879	0	276	719	801	598	485					

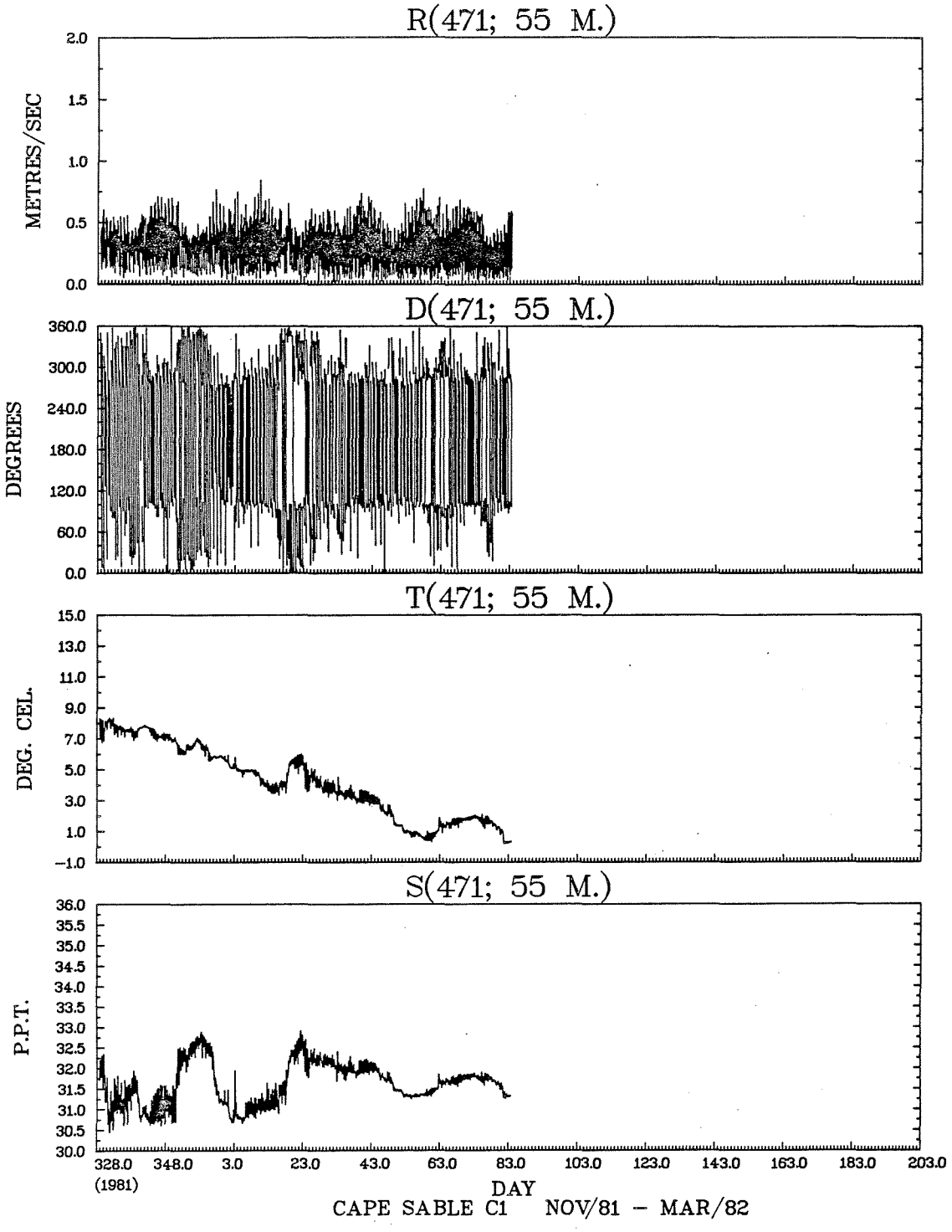
STN. 471, 55 M.

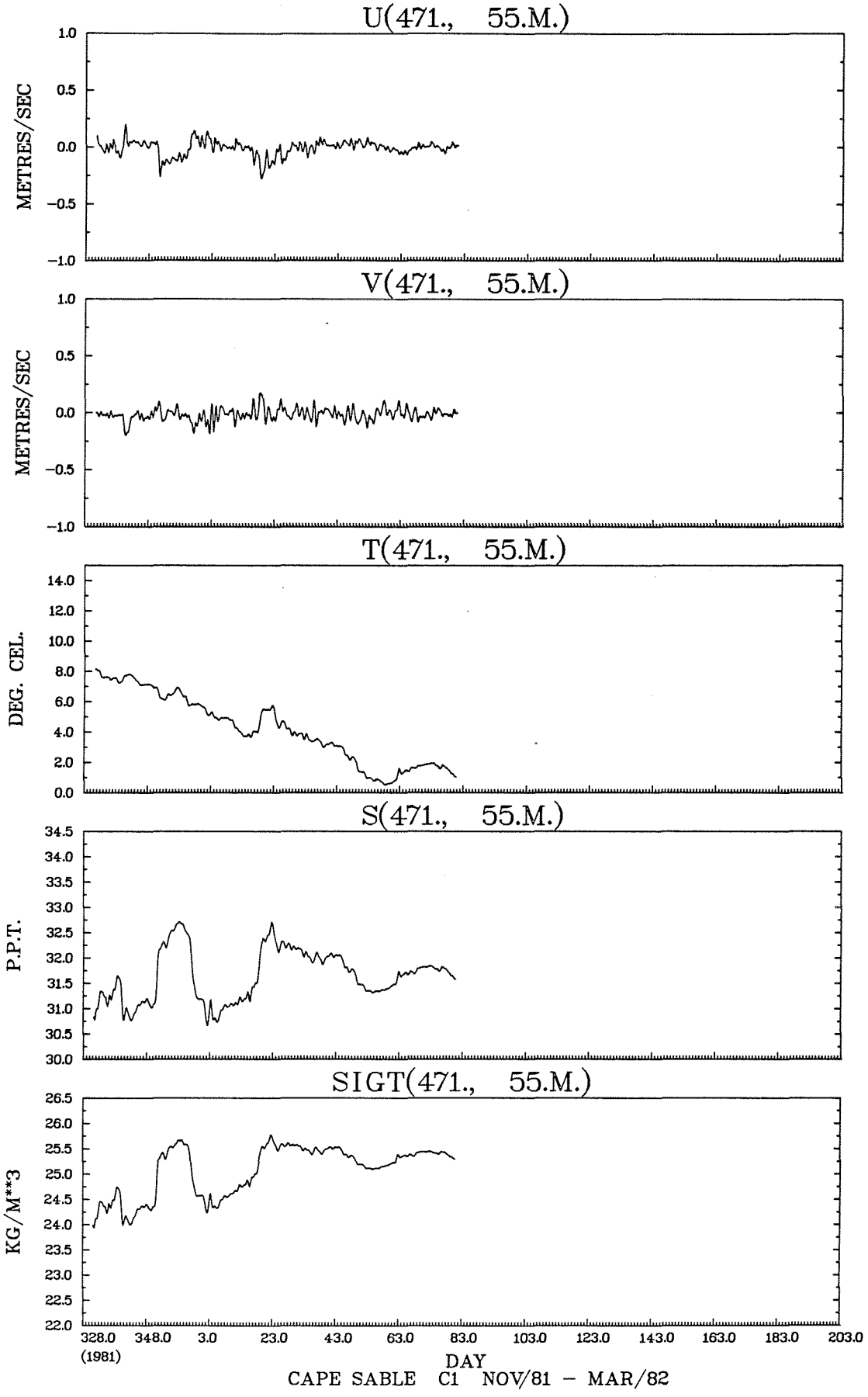


STN. 471, 55 M.



CAPE SABLE C1 NOV/81 - MAR/82


R(471; 55 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(471; 55 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(471; 55 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(471; 55 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82


U(471., 55.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(471., 55.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(471., 55.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(471., 55.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(471., 55.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(471., 55.M.) VS R(471., 55.M.)

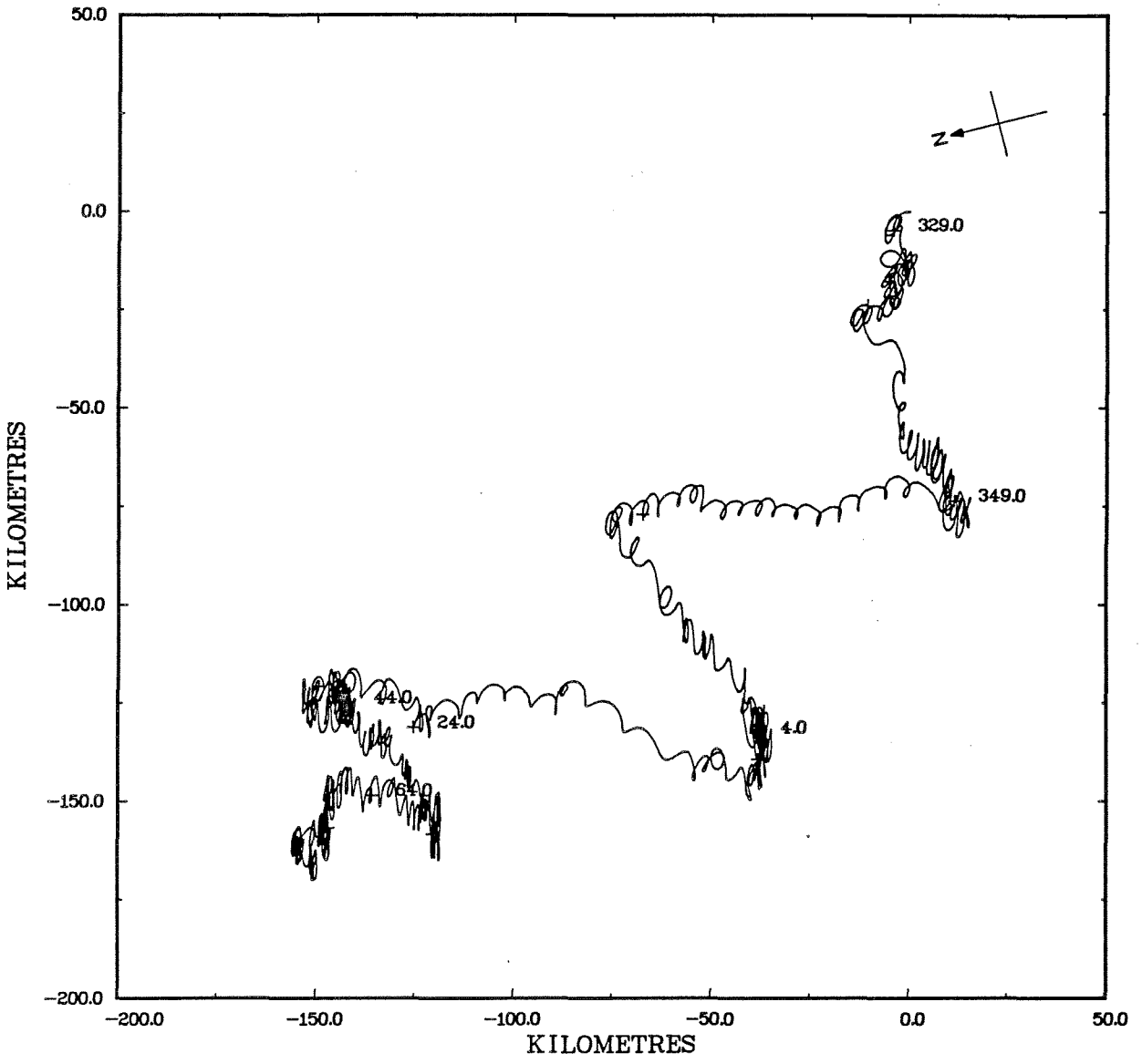
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	2	*										.1		
.70 TO	.80	14	*				.2					.1	.1		
.60 TO	.70	100	*			.1	1.9					.1	1.4		
.50 TO	.60	320	*		.0	.5	4.7	.1				.6	5.1	.1	
.40 TO	.50	609	*	.1	.2	.5	8.0	.7				1.0	8.9	1.4	.4
.30 TO	.40	688	*	.8	.6	1.3	6.8	1.7	.2	.1	.1	1.1	6.8	2.7	1.6
.20 TO	.30	579	*	.6	.5	1.2	4.9	2.0	.6	.3	.4	2.2	5.2	1.6	.6
.10 TO	.20	382	*	.4	.6	1.3	1.7	1.5	1.1	.7	.9	1.7	1.7	.9	.7
-.00 TO	.10	185	*	.4	.5	.6	.3	.7	.6	.8	.6	.8	.4	.4	.4
OUT OF RANGE		0	0												
SUB TOTAL		2879	0	65	69	158	822	192	71	56	60	218	855	206	107

JOINT DISTRIBUTION (PERCENT)

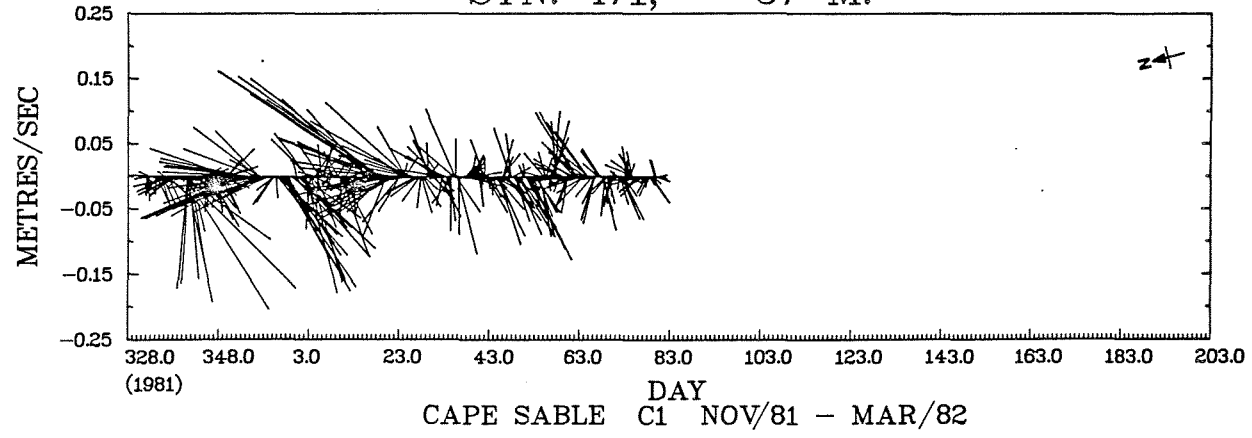
T(471., 55.M.) VS S(471., 55.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	159	*				5.4	.1					
32.00 TO	32.50	574	*		.2	12.1	7.2	.4					
31.50 TO	32.00	933	*	1.1	21.5	4.7	1.8	3.3					
31.00 TO	31.50	828	*	8.8	3.0	6.3	3.8	6.9					
30.50 TO	31.00	393	*			4.4	3.0	5.9					
30.00 TO	30.50	2	*					.1					
OUT OF RANGE		0	0										
SUB TOTAL		2879	0	285	710	794	610	480					

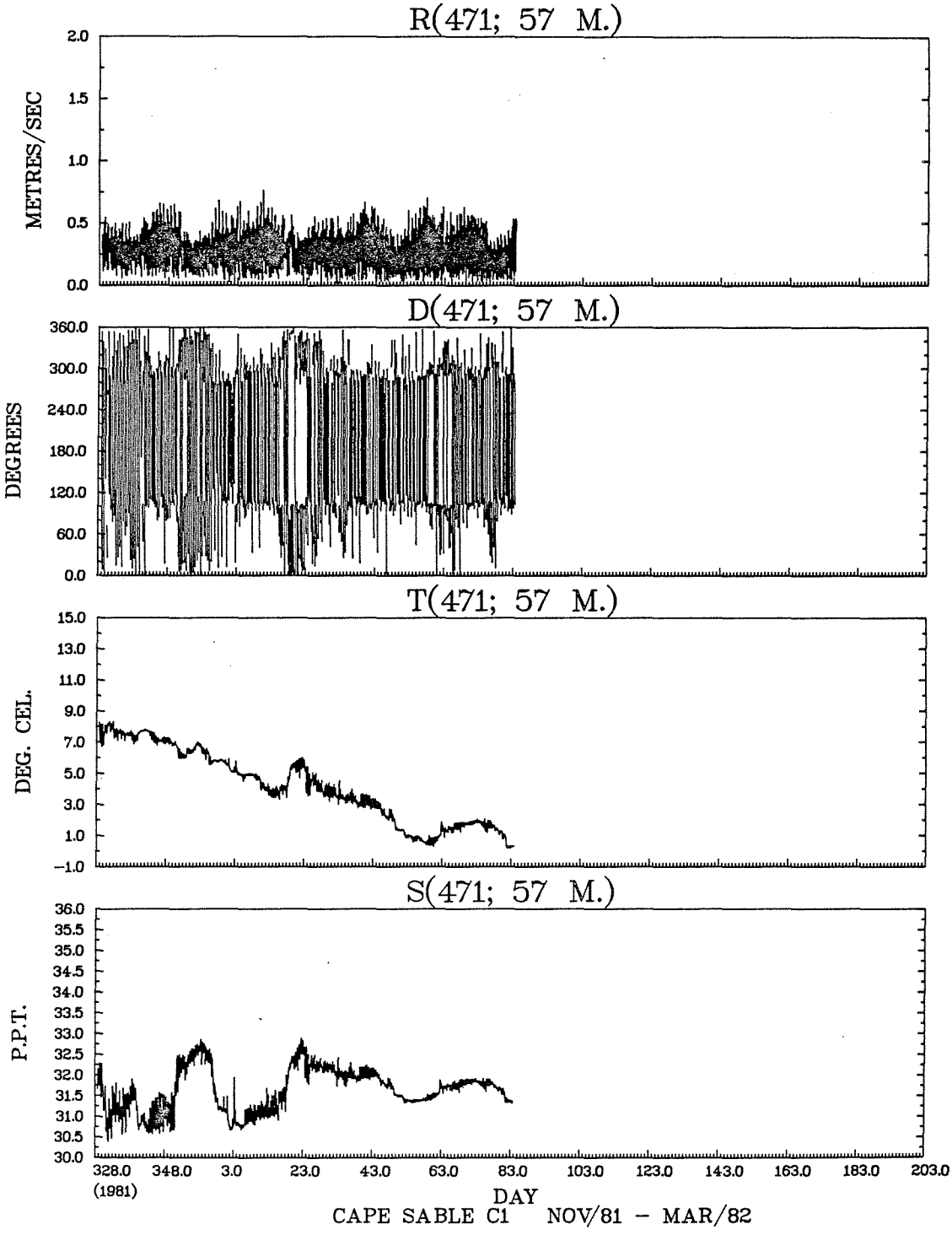
STN. 471, 57 M.

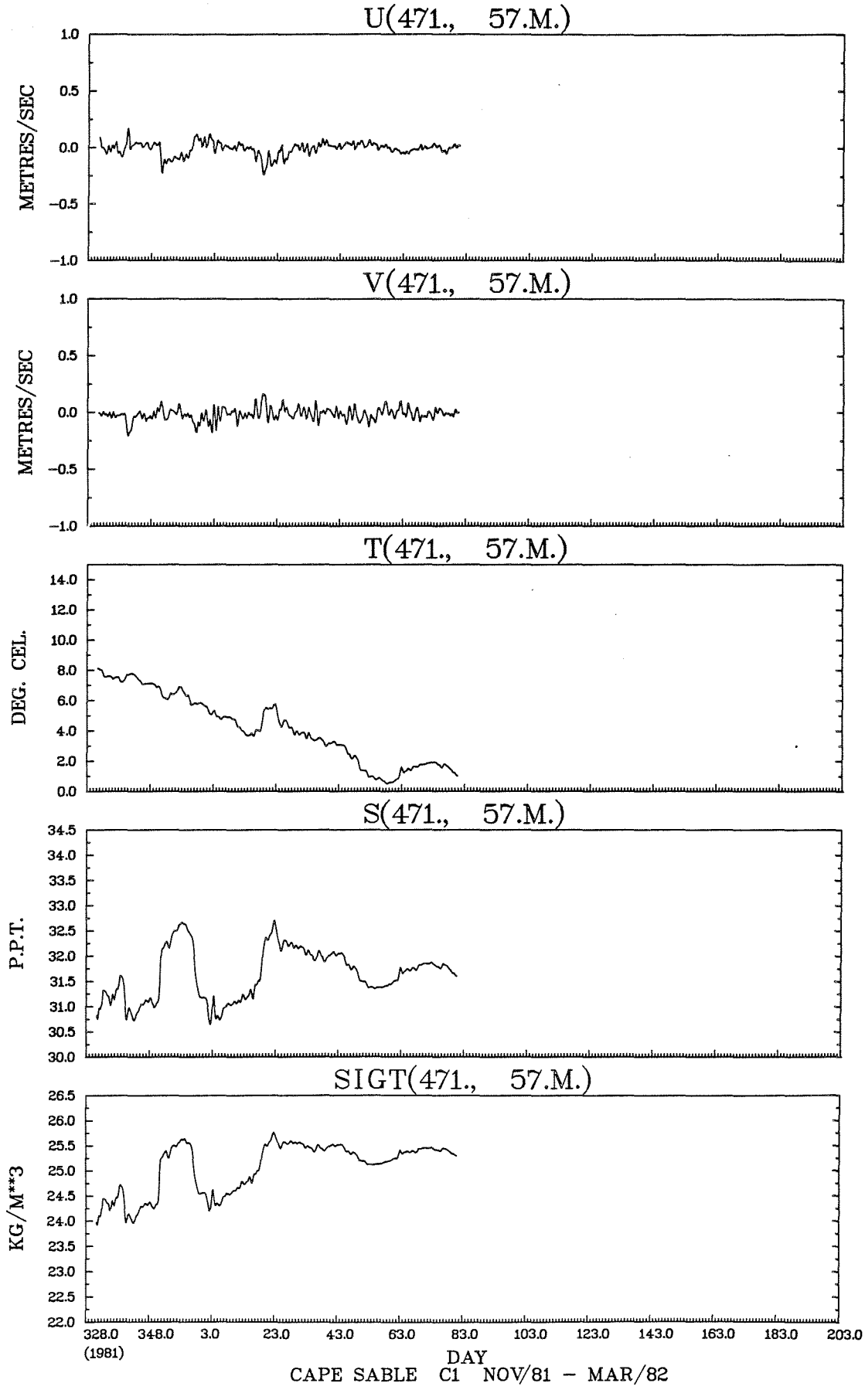


STN. 471, 57 M.



CAPE SABLE C1 NOV/81 – MAR/82


R(471; 57 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(471; 57 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(471; 57 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(471; 57 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
(1981)
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
DAY
CAPE SABLE C1 NOV/81 - MAR/82


U(471., 57.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(471., 57.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(471., 57.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(471., 57.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(471., 57.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C1 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(471., 57.M.) VS R(471., 57.M.)

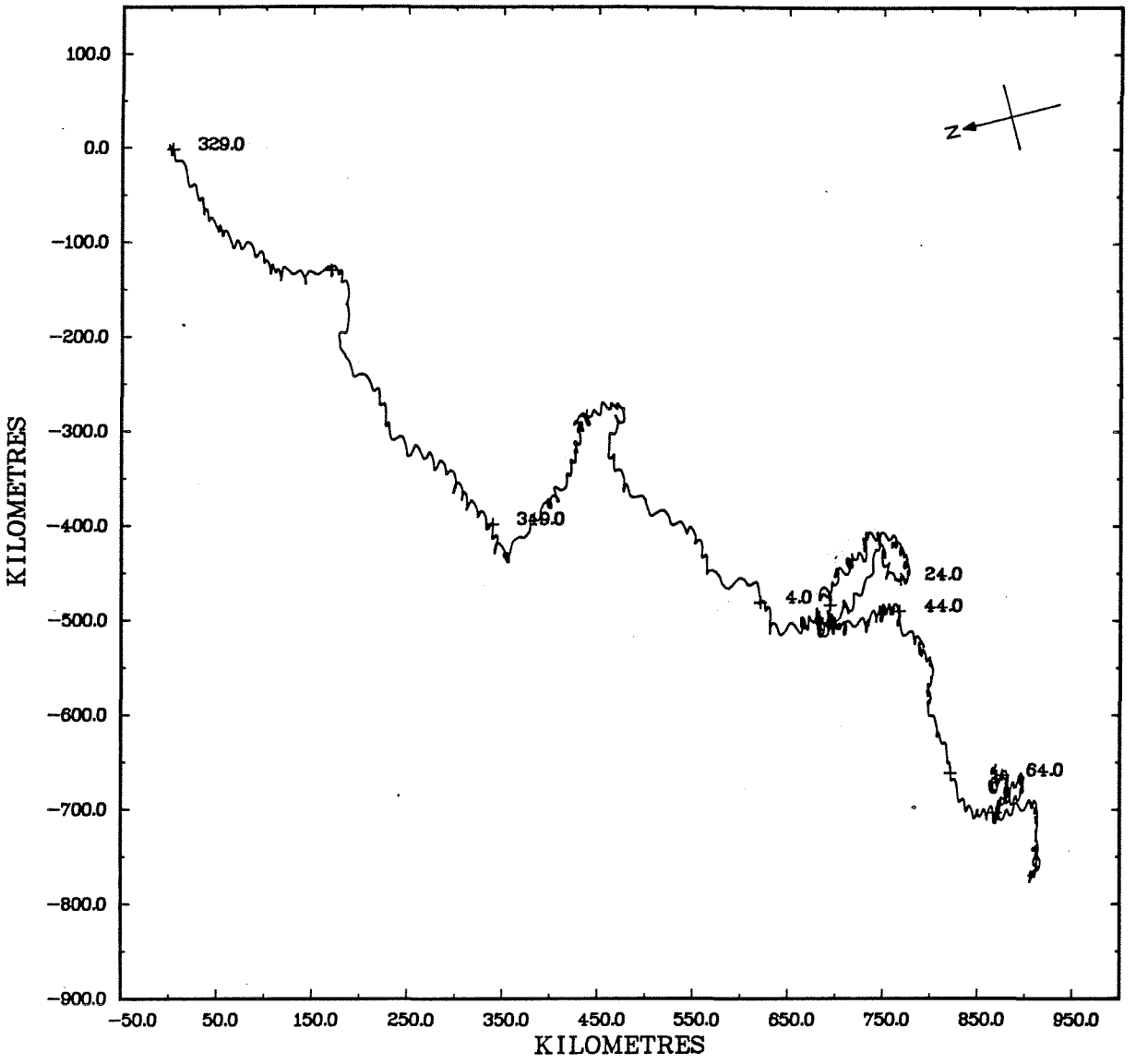
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	3	*				.0						.1		
.60 TO	.70	36	*				.6						.6		
.50 TO	.60	225	*		.0	.2	3.4	.1				.1	3.9	.1	
.40 TO	.50	513	*		.1	.7	6.7	.7				.3	8.1	1.0	.1
.30 TO	.40	785	*	.6	.6	.7	8.4	2.2	.2		.1	.6	8.8	3.6	1.6
.20 TO	.30	668	*	1.0	.5	1.2	5.9	2.7	.6	.4	.2	1.6	5.5	2.6	1.0
.10 TO	.20	438	*	.5	.5	1.5	2.1	1.5	1.5	.7	.9	1.9	2.1	1.5	.6
-.00 TO	.10	211	*	.5	.5	.5	.6	.8	.6	.9	.7	1.0	.4	.5	.6
OUT OF RANGE		0	0												
SUB TOTAL		2879	0	73	61	137	798	231	79	56	56	160	847	268	113

JOINT DISTRIBUTION (PERCENT)

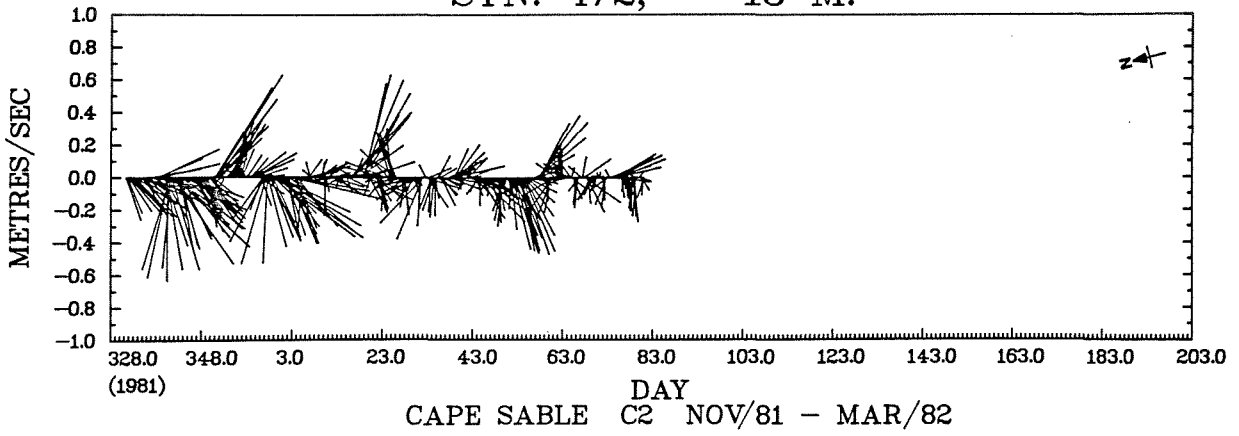
T(471., 57.M.) VS S(471., 57.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	143	*				4.9	.1					
32.00 TO	32.50	582	*		.2	12.0	7.9	.3					
31.50 TO	32.00	975	*	1.7	22.3	5.0	1.8	3.0					
31.00 TO	31.50	789	*	8.5	1.9	6.5	3.9	6.8					
30.50 TO	31.00	384	*			4.2	3.1	6.0					
30.00 TO	30.50	6	*					.2					
OUT OF RANGE		0	0										
SUB TOTAL		2879	0	295	700	796	617	471					

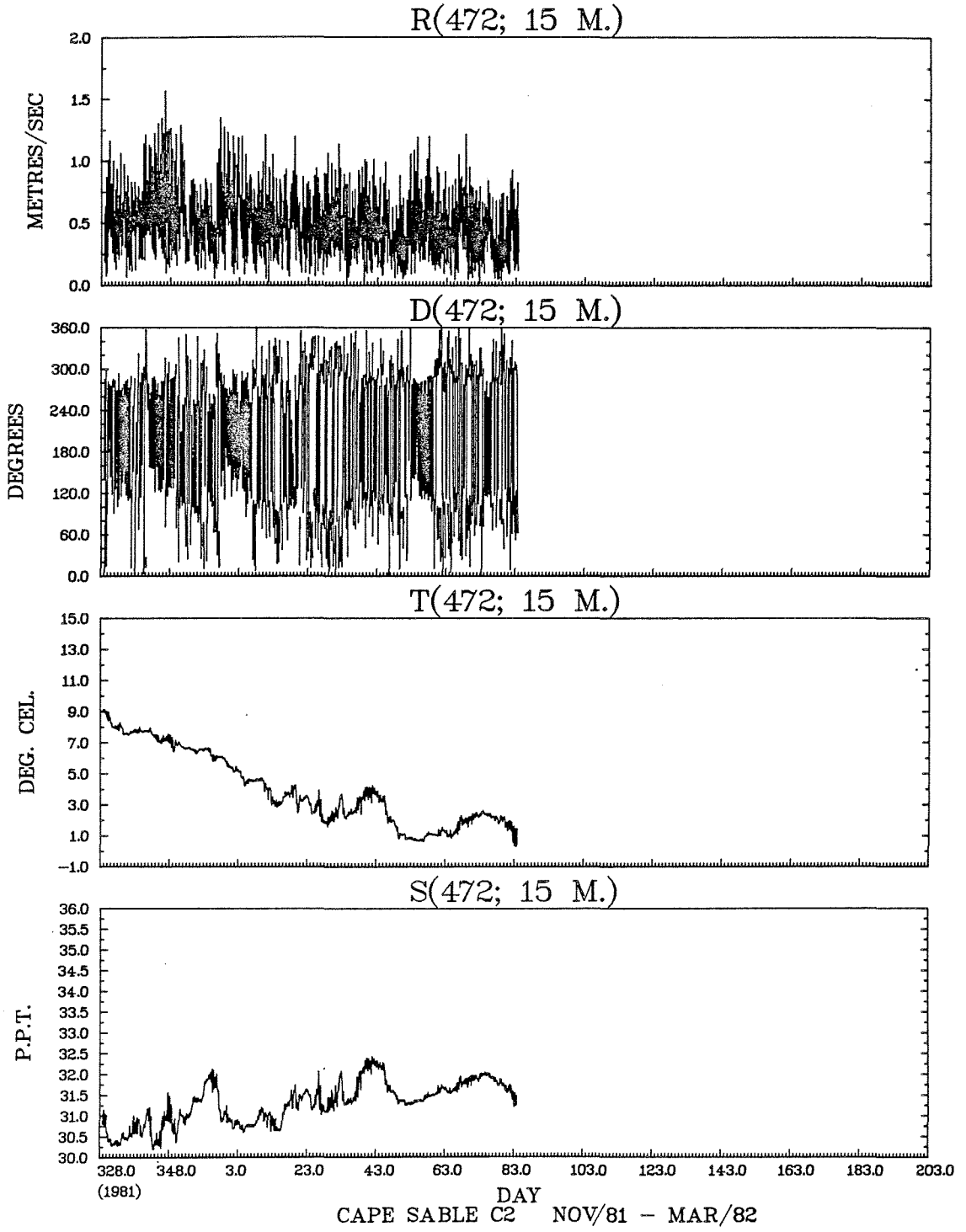
STN. 472, 15 M.

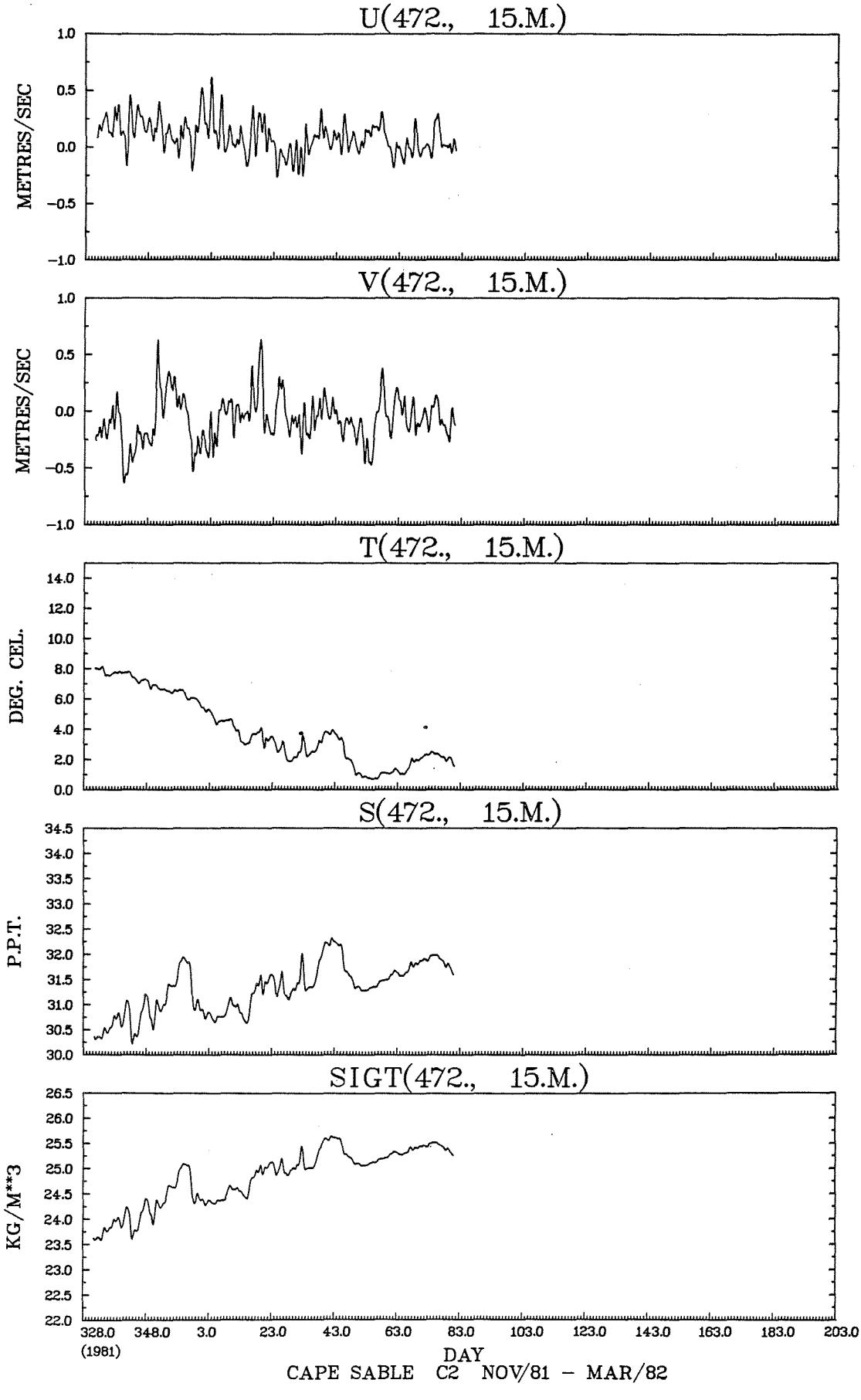


STN. 472, 15 M.



CAPE SABLE C2 NOV/81 – MAR/82


R(472; 15 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(472; 15 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(472; 15 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(472; 15 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C2 NOV/81 - MAR/82


U(472., 15.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(472., 15.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(472., 15.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(472., 15.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(472., 15.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
(1981)
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
DAY
CAPE SABLE C2 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(472., 15.M.) VS R(472., 15.M.)

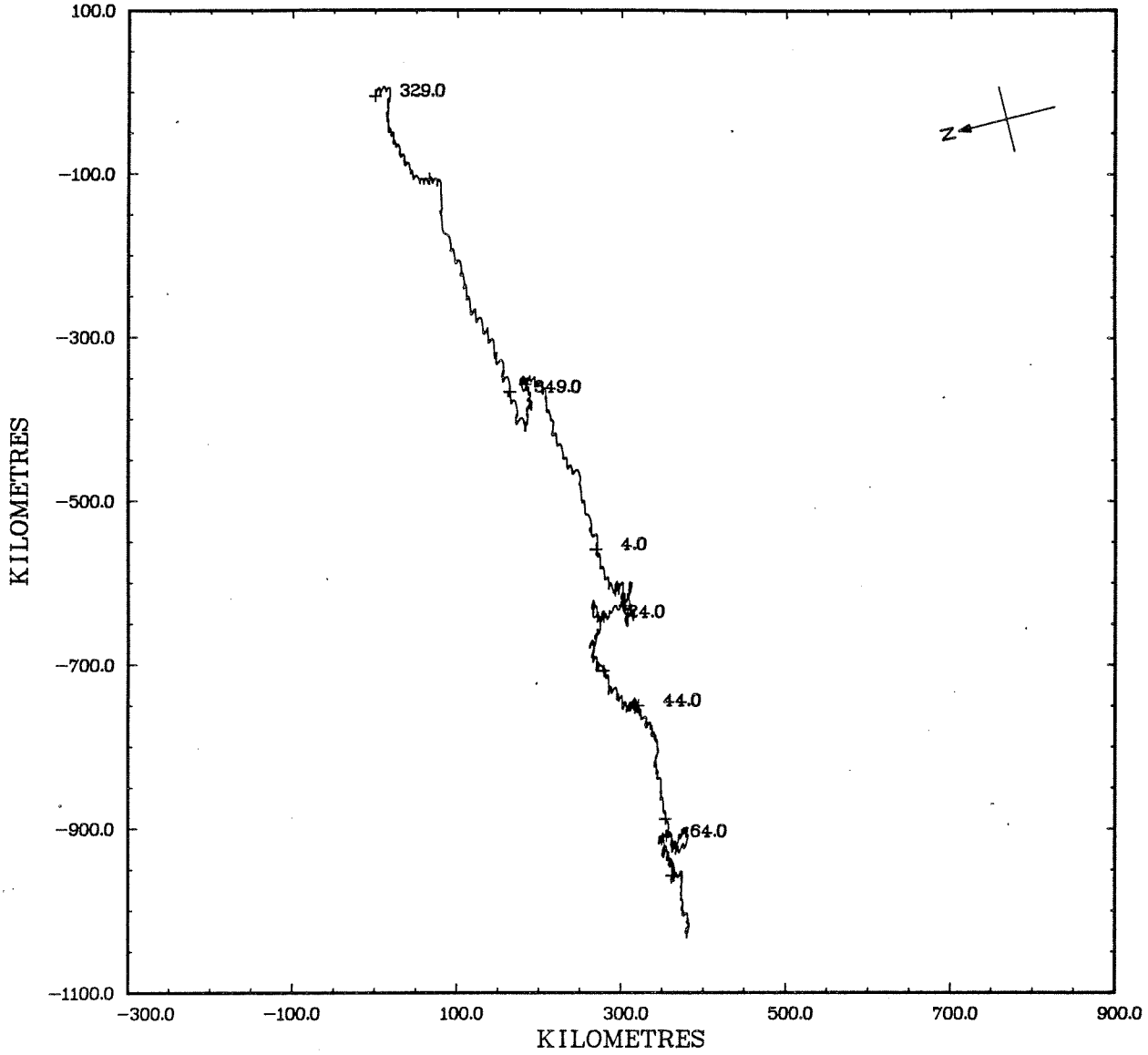
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	1	*										.0		
1.40 TO	1.50		*												
1.30 TO	1.40	5	*										.2		
1.20 TO	1.30	24	*				.1					.2	.5		
1.10 TO	1.20	28	*				.1					.2	.7		
1.00 TO	1.10	54	*				.1	.2				.3	1.2		
.90 TO	1.00	91	*				.5	.3				.6	1.7	.1	
.80 TO	.90	165	*			.0	1.4	.8	.1		.0	1.0	2.3	.1	
.70 TO	.80	249	*		.0	.3	2.4	.8	.2	.1	.0	1.2	3.3	.2	
.60 TO	.70	379	*		.1	.9	2.6	1.7	.5	.2	.3	2.5	4.0	.5	
.50 TO	.60	467	*	.1	.1	.8	3.4	2.1	1.2	.3	1.1	1.9	4.2	.8	.1
.40 TO	.50	469	*	.0	.2	1.1	3.2	2.2	.9	.7	1.4	2.5	3.0	.8	.3
.30 TO	.40	426	*	.3	.5	1.0	2.5	2.0	1.6	1.0	.9	1.3	2.0	1.0	.5
.20 TO	.30	322	*	.5	.4	.7	1.3	1.1	1.2	.9	1.0	1.2	1.1	1.3	.5
.10 TO	.20	162	*	.5	.5	.8	.3	.6	.5	.5	.6	.5	.2	.3	.6
-.00 TO	.10	39	*	.2	.1	.2	.1	.1	.2	.1	.2	.1	.1		.1
OUT OF RANGE		0	0												
SUB TOTAL		2881	0	49	56	164	520	341	181	111	159	389	708	145	58

JOINT DISTRIBUTION (PERCENT)

T(472., 15.M.) VS S(472., 15.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	201	*		.5	6.1	.4						
31.50 TO	32.00	865	*	.7	21.8	4.1	3.3	.1					
31.00 TO	31.50	953	*	5.9	13.6	5.9	5.5	1.9	.3				
30.50 TO	31.00	660	*		.9	7.3	7.0	7.5	.2				
30.00 TO	30.50	202	*				.5	6.6					
OUT OF RANGE		0	0										
SUB TOTAL		2881	0	190	1058	675	479	454	15				

STN. 472, 50 M.



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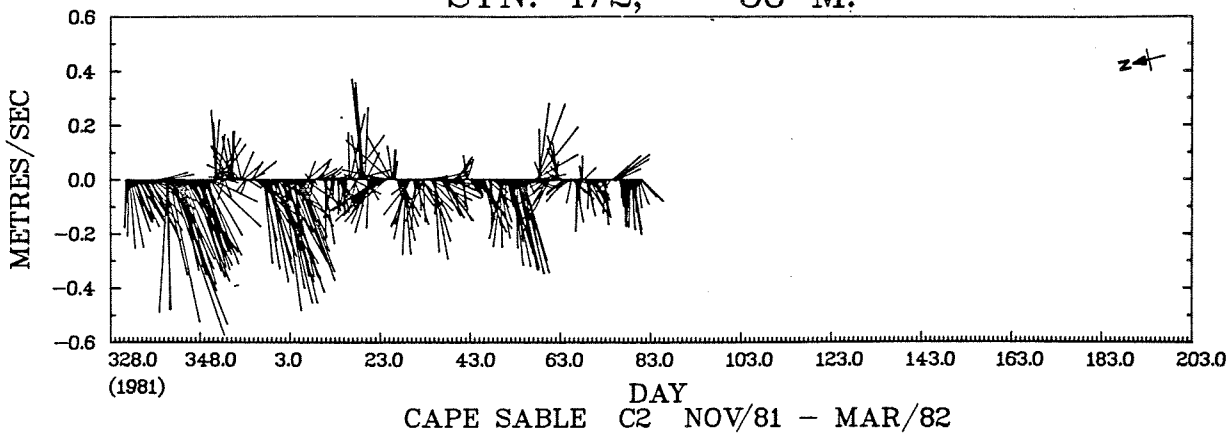
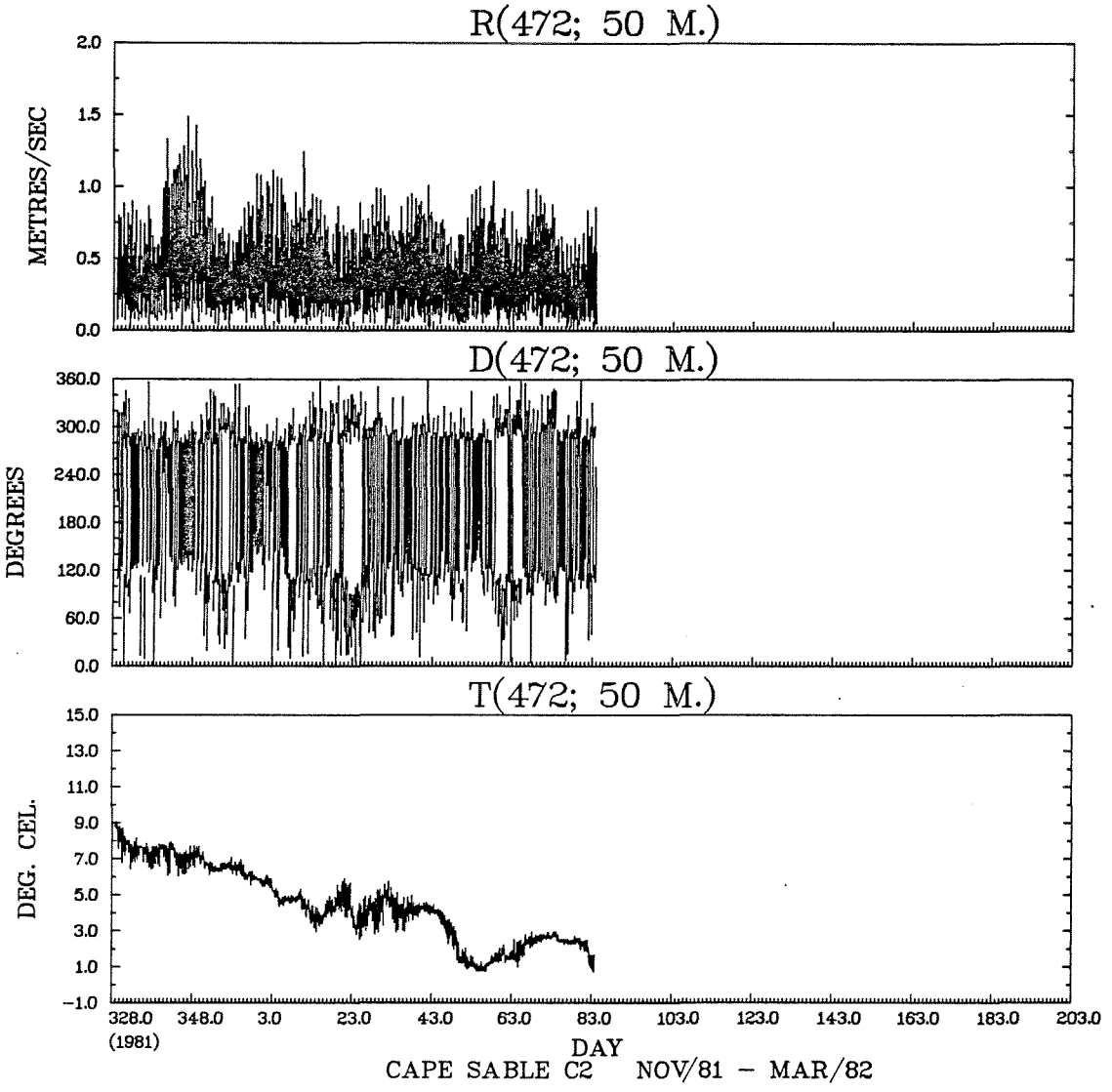
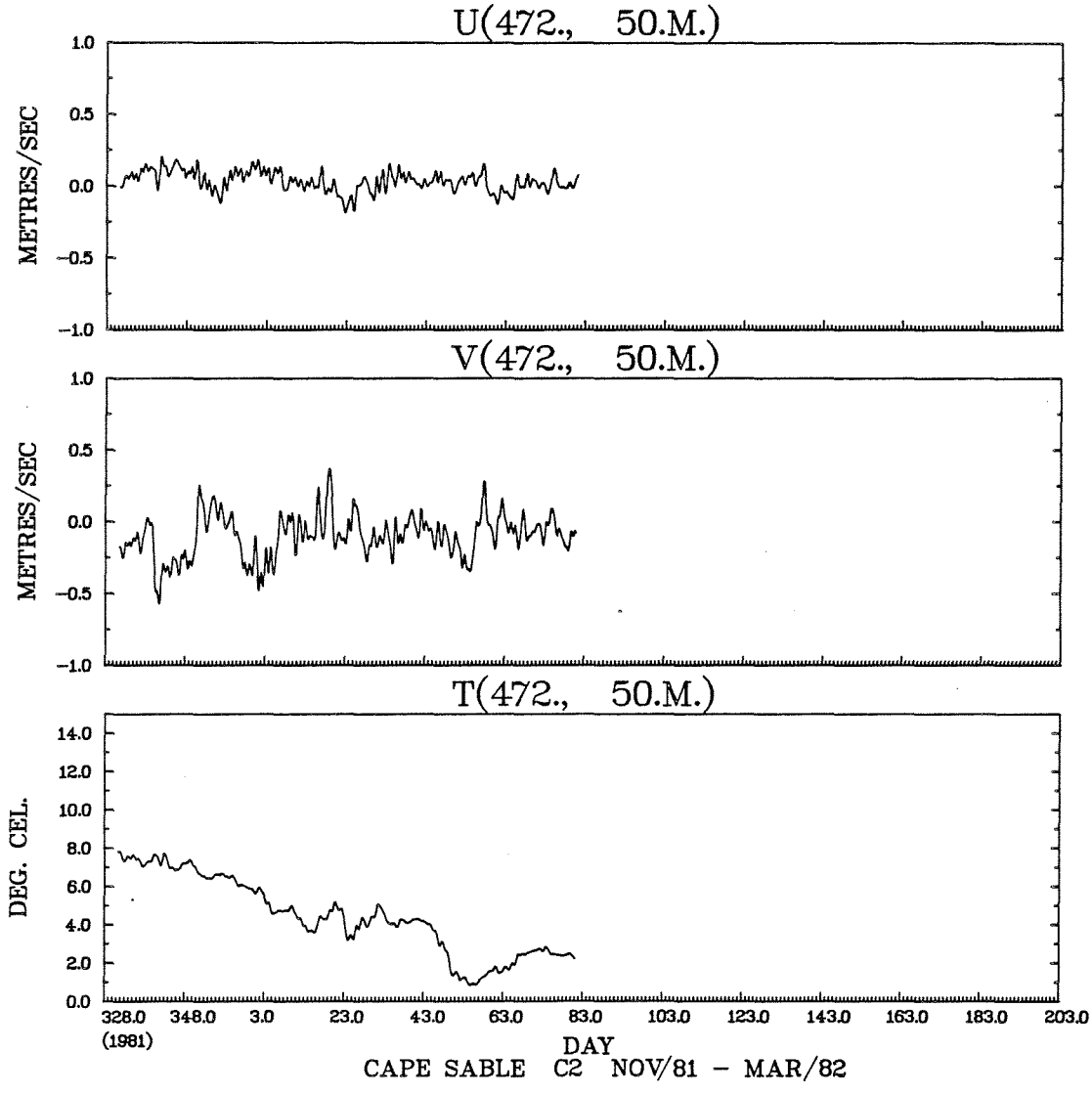


CAPE SABLE C2 NOV/81 - MAR/82


R(472; 50 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(472; 50 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(472; 50 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C2 NOV/81 - MAR/82


U(472., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(472., 50.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(472., 50.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
328.0
(1981)
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
DAY
CAPE SABLE C2 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

D(472., 50.M.) VS R(472., 50.M.)

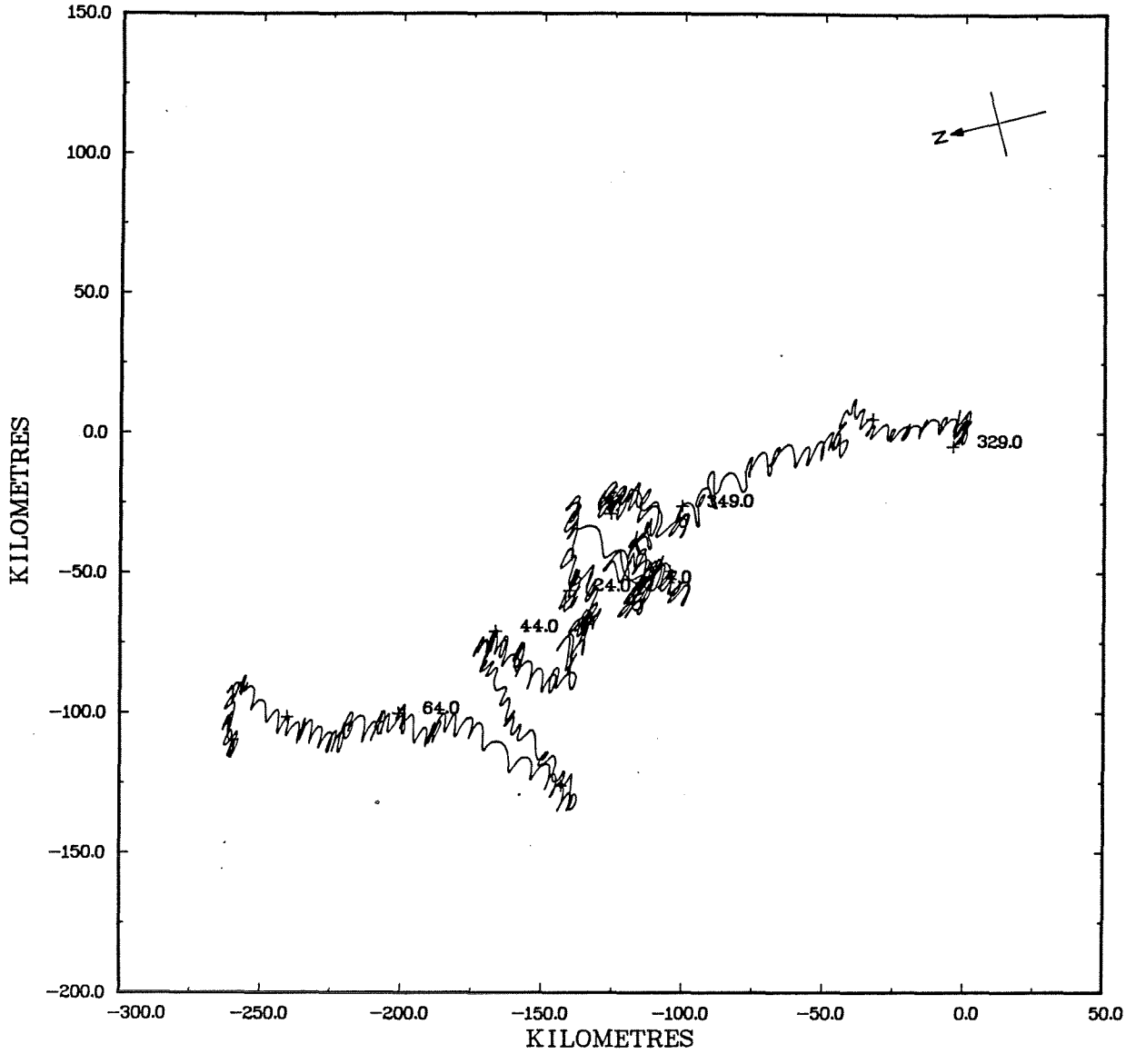
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50	3	*										.1		
1.30 TO	1.40	3	*										.1		
1.20 TO	1.30	5	*										.2		
1.10 TO	1.20	15	*										.5		
1.00 TO	1.10	30	*				.0						1.0		
.90 TO	1.00	51	*				.0	.0				.0	1.7		
.80 TO	.90	106	*				.4	.1				.2	2.9		
.70 TO	.80	188	*				1.4	.6				.1	4.2	.1	
.60 TO	.70	289	*			.0	2.5	1.5				.4	5.3	.4	
.50 TO	.60	392	*			.1	3.2	2.5	.1		.0	.6	6.4	.7	
.40 TO	.50	406	*			.4	3.4	2.8	.1		.1	.9	5.2	1.2	
.30 TO	.40	448	*	.1	.0	.6	3.7	3.7	.7	.1	.3	.9	4.2	1.1	.1
.20 TO	.30	444	*	.1	.1	1.0	2.8	2.8	1.1	.5	.8	1.3	2.6	2.0	.3
.10 TO	.20	356	*	.5	.7	1.2	1.3	1.4	1.1	.6	1.1	1.2	1.4	1.2	.7
-.00 TO	.10	145	*	.4	.5	.2	.3	.2	.5	.5	.6	.3	.5	.3	.6
OUT OF RANGE		0	0												
SUB TOTAL		2881	0	29	39	102	551	454	104	49	87	172	1047	202	45

HISTOGRAM OF T(472., 50.M.) DEG. CEL.

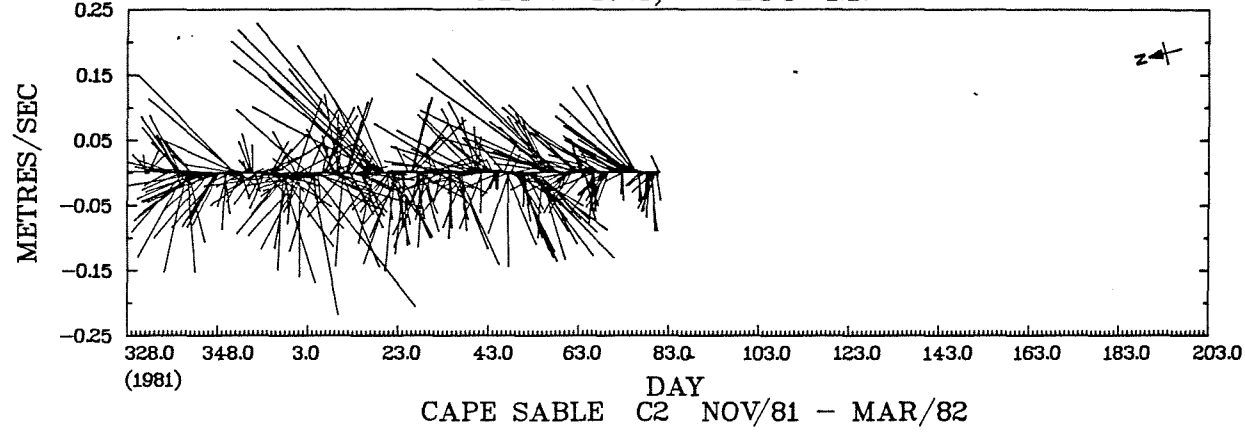
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	73	2.5	**********
1.00	1.50	199	6.9	**********
1.50	2.00	148	5.1	**********
2.00	2.50	236	8.2	**********
2.50	3.00	230	8.0	**********
3.00	3.50	107	3.7	**********
3.50	4.00	213	7.4	**********
4.00	4.50	346	12.0	**********
4.50	5.00	280	9.7	**********
5.00	5.50	97	3.4	**********
5.50	6.00	137	4.8	**********
6.00	6.50	167	5.8	**********
6.50	7.00	215	7.5	**********
7.00	7.50	203	7.0	**********
7.50	8.00	177	6.1	**********
8.00	8.50	23	.8	******
8.50	9.00	29	1.0	********
9.00	9.50	1	.0	*
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 2881
OUTSIDE RANGE 0

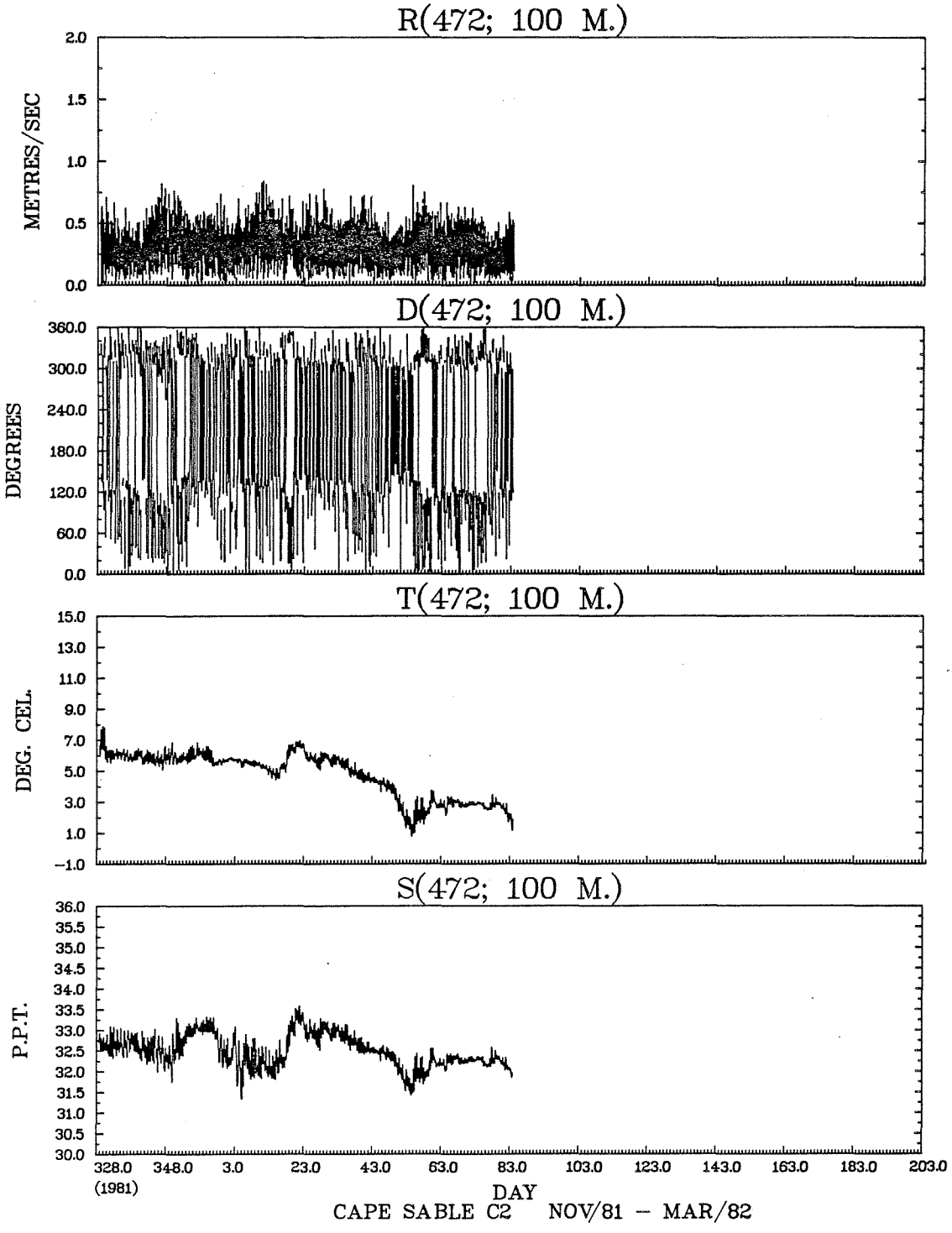
STN. 472, 100 M.

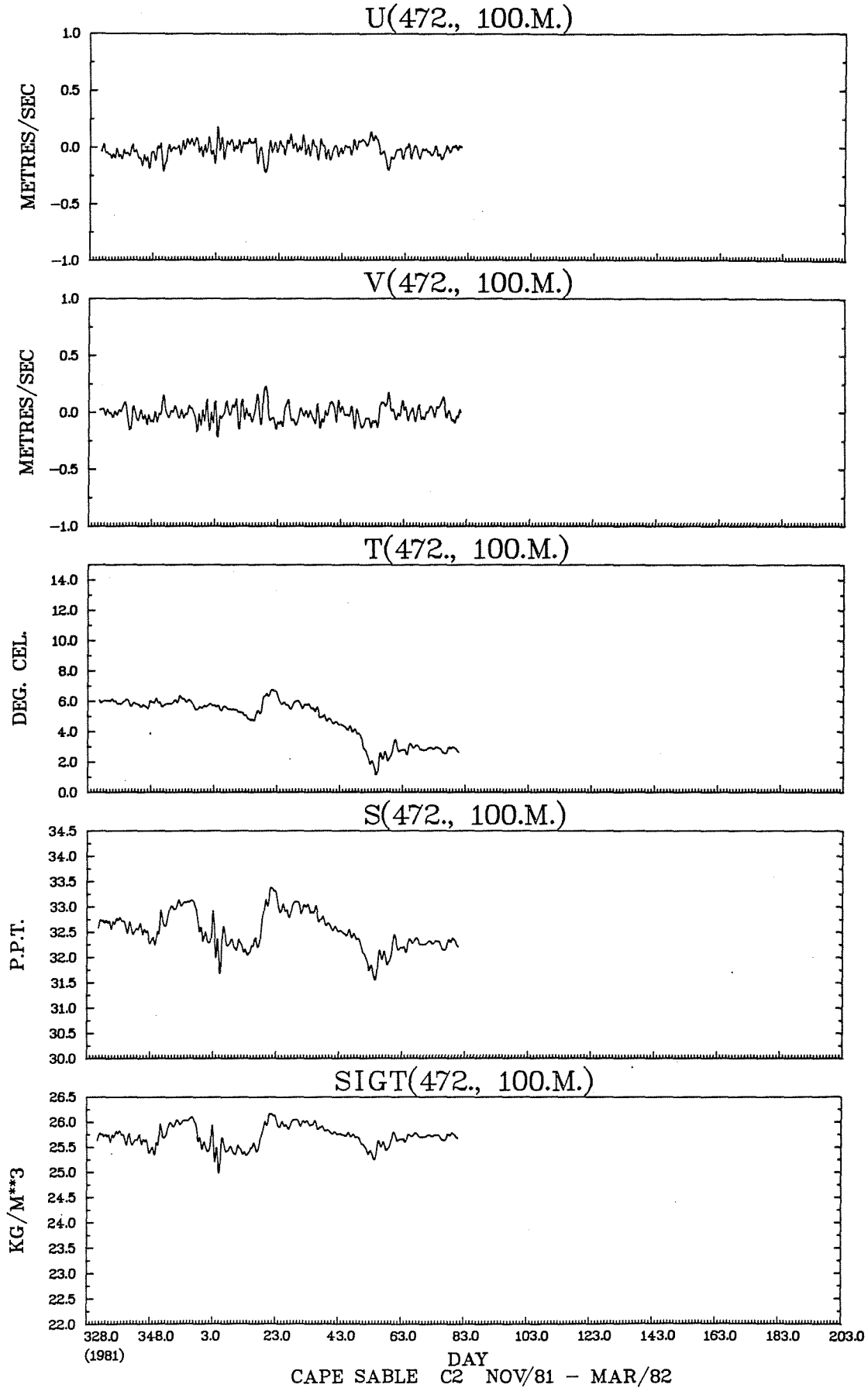


STN. 472, 100 M.



CAPE SABLE C2 NOV/81 - MAR/82


R(472; 100 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(472; 100 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(472; 100 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(472; 100 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C2 NOV/81 - MAR/82


U(472., 100.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(472., 100.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(472., 100.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(472., 100.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(472., 100.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
328.0
348.0
3.0
23.0
43.0
63.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
(1981)
DAY
CAPE SABLE C2 NOV/81 - MAR/82

JOINT DISTRIBUTION (PERCENT)

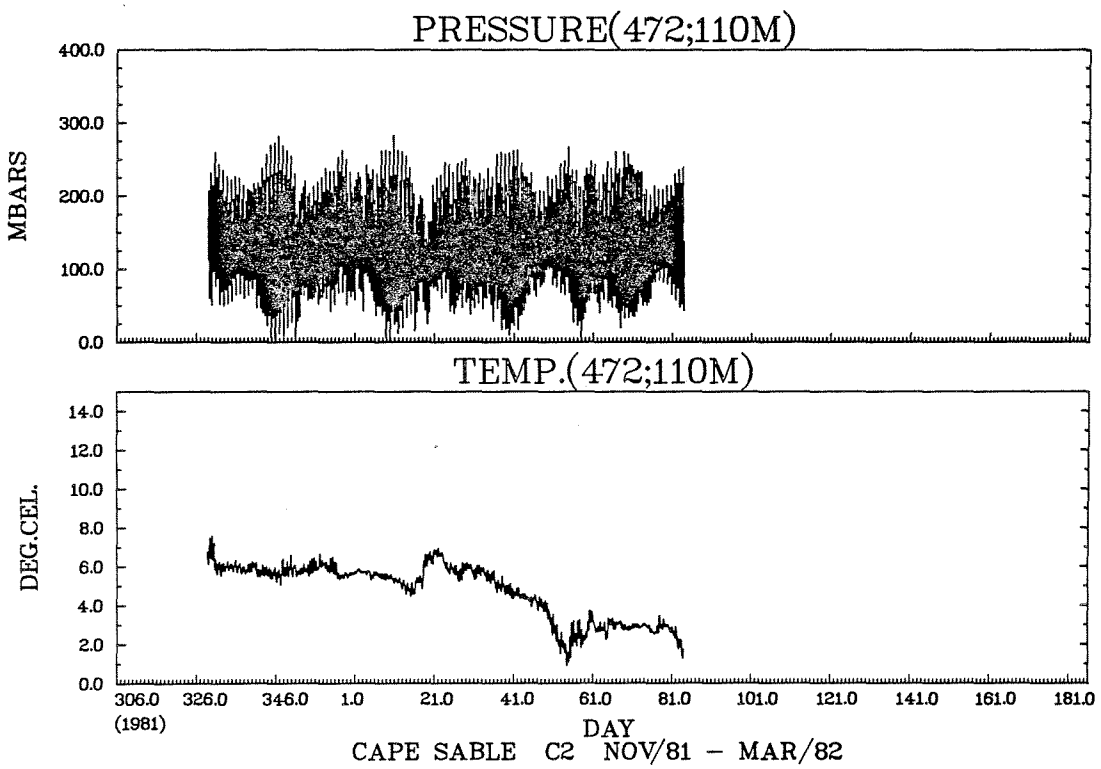
D(472., 100.M.) VS R(472., 100.M.)

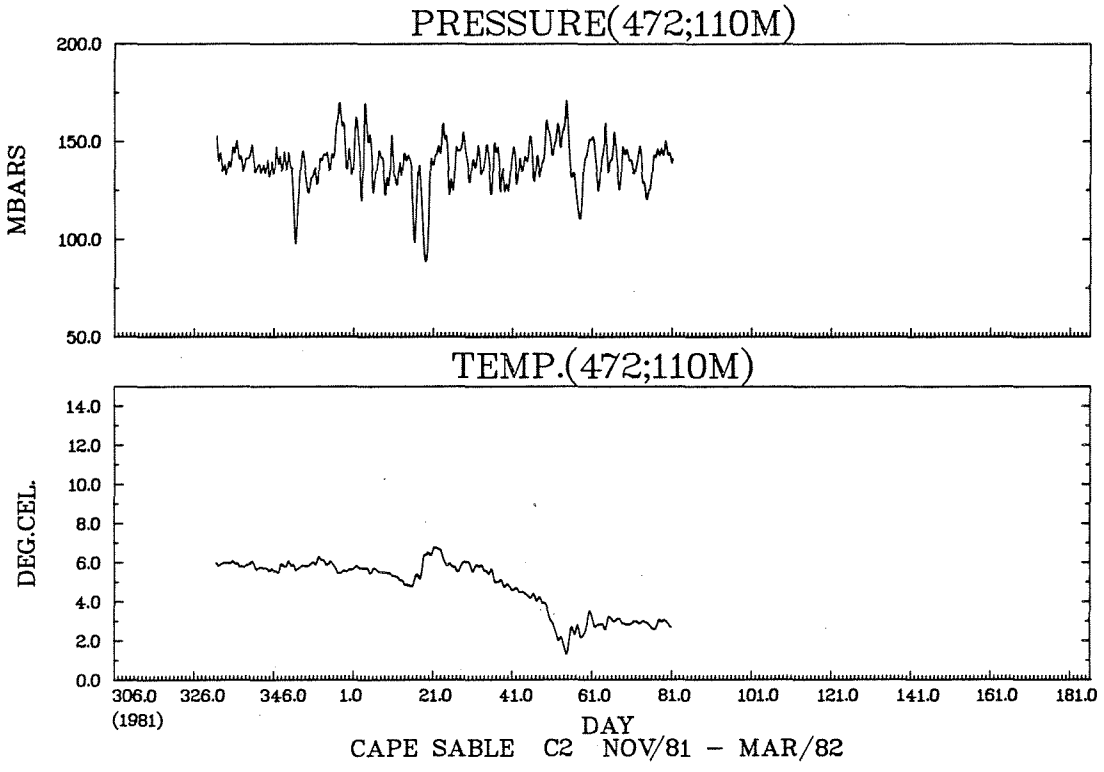
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	7	*					.0					.1	.1	
.70 TO	.80	30	*				.3	.0				.1	.3	.2	.0
.60 TO	.70	102	*			.1	1.1	.6	.0			.0	.7	.9	.1
.50 TO	.60	365	*			.2	2.5	2.9	.1		.1	.1	1.3	5.2	.2
.40 TO	.50	609	*		.1	.3	3.8	5.1	.2			.1	2.5	8.2	.8
.30 TO	.40	633	*	.3	.2	.5	3.1	5.6	1.0		.1	.2	2.3	7.0	1.6
.20 TO	.30	505	*	.4	.5	.8	2.7	3.9	1.2	.2	.2	.6	2.0	3.5	1.4
.10 TO	.20	433	*	1.0	.6	1.0	1.7	1.9	1.5	.8	.6	.9	1.5	2.0	1.7
-.00 TO	.10	197	*	.8	.8	.6	.7	.6	.4	.6	.5	.7	.6	.3	.3
OUT OF RANGE		0	0												
SUB TOTAL		2881	0	73	60	103	459	596	129	47	40	79	326	791	178

JOINT DISTRIBUTION (PERCENT)

T(472., 100.M.) VS S(472., 100.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00	8	*				.3						
33.00 TO 33.50	371	*				12.9						
32.50 TO 33.00	1019	*			5.7	29.1	.6					
32.00 TO 32.50	1233	*		16.8	11.4	14.6						
31.50 TO 32.00	239	*	.0	5.5	.8	2.0						
31.00 TO 31.50	12	*	.2	.1		.2						
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	2881	0	6	645	513	1700	17					


PRESSURE(472;110M)
MBARS
400.0
300.0
200.0
100.0
0.0
TEMP.(472;110M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
306.0
(1981)
326.0
346.0
1.0
21.0
41.0
61.0
81.0
101.0
121.0
141.0
161.0
181.0
DAY
CAPE SABLE C2 NOV/81 - MAR/82


PRESSURE(472;110M)
MBARS
200.0
150.0
100.0
50.0
TEMP.(472;110M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
306.0
(1981)
326.0
346.0
1.0
21.0
41.0
61.0
81.0
101.0
121.0
141.0
161.0
181.0
DAY
CAPE SABLE C2 NOV/81 - MAR/82

HISTOGRAM OF PRESSURE(472:110M) MBARS

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	23	.8	******
20.00	40.00	82	2.8	**********
40.00	60.00	215	7.5	**********
60.00	80.00	319	11.1	**********
80.00	100.00	315	10.9	**********
100.00	120.00	252	8.7	**********
120.00	140.00	245	8.5	**********
140.00	160.00	227	7.9	**********
160.00	180.00	258	9.0	**********
180.00	200.00	302	10.5	**********
200.00	220.00	332	11.5	**********
220.00	240.00	215	7.5	**********
240.00	260.00	70	2.4	**********
260.00	280.00	24	.8	******
280.00	300.00	3	.1	*
300.00	320.00	0	0.0	
320.00	340.00	0	0.0	

TOTAL NO. OF SAMPLES 2882
OUTSIDE RANGE 0

HISTOGRAM OF TEMP.(472;110M) DEG.CEL.

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	1	.0	*
1.00	1.50	22	.8	***
1.50	2.00	52	1.8	******
2.00	2.50	121	4.2	**********
2.50	3.00	403	14.0	**********
3.00	3.50	202	7.0	**********
3.50	4.00	52	1.8	******
4.00	4.50	133	4.6	**********
4.50	5.00	167	5.8	**********
5.00	5.50	335	11.6	**********
5.50	6.00	926	32.1	**********
6.00	6.50	358	12.4	**********
6.50	7.00	96	3.3	**********
7.00	7.50	13	.5	**
7.50	8.00	1	.0	*
8.00	8.50	0	0.0	
8.50	9.00	0	0.0	
9.00	9.50	0	0.0	
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 2882
OUTSIDE RANGE 0

TABLE 14

MOORING SUMMARY, CRUISE 82-005

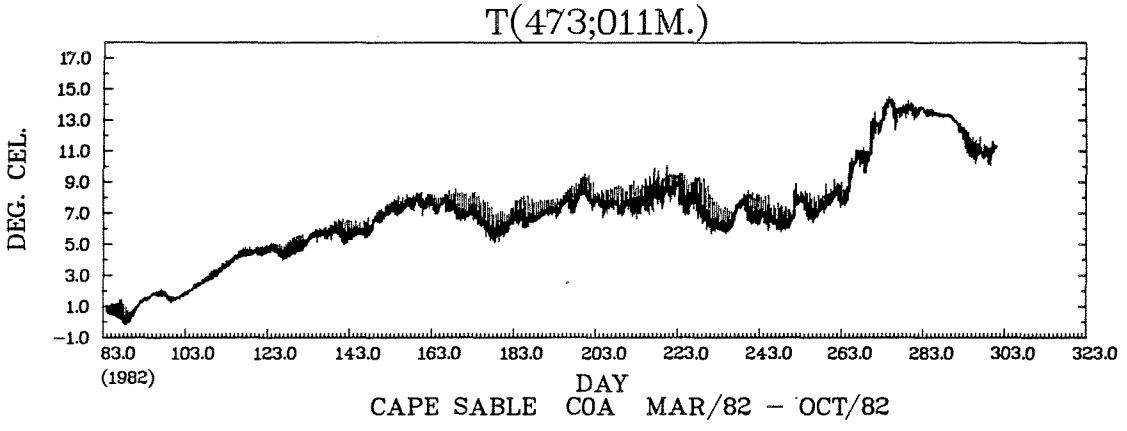
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
COA(473)	43°20.83'N	65°37.04'W	0497	V	11	31	Heavy marine growth on the instrument affecting the rotor and vane.
			2544	A	16	31	Spindle rod out of gimbal assembly when recovered.
CO(473)	43°20.63'N	65°36.79'W	3569	A	23	31	Interpolated values were inserted for 1 hour on day 94, 1982 and for 2.5 hours on day 116, 1982. Reason the instrument stopped is unknown.
			4602	A	26	31	Vane got tangled in the anchor during deployment and bent the spindle rod.
			5567	A	28	31	Vane got broken and the spindle rod bent during deployment.
C1(474)	43°11.44'N	65°42.11'W	5578	A	14	59	Recovered by dragging, instrument was tangled in a fishing net, rotor was missing and the spindle rod was badly bent and out of the gimbal assembly. Instrument malfunction resulted in every second cycle in error.
			4299	A	21	51	
			5568	A	31	51	
			3565	A	41	51	
			4349	A	46	51	Battery went dead on day 136, 1982.
			5394	A	48	51	Rotor was partially inhibited by barnacle growth. Salinity bad after day 205, 1982.

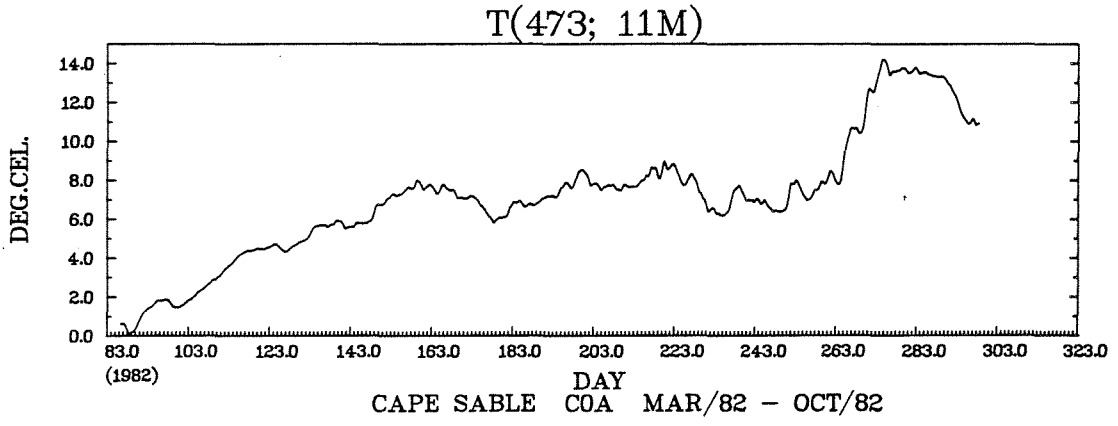
A = AANDERAA CURRENT METER
V = VACM CURRENT METER
TG = AANDERAA TIDE GAUGE

TABLE 14 (Continued)

Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
C2(475)	43°02.84'N	65°45.83'W	5569	A	23	118	Rotor sluggish, instrument covered with hairy marine growth. Salinity decreases very rapidly around day 256, 1982.
			5571	A	58	118	Rotor counter failed at day 95, 1982.
			5572	A	108	118	Noise on all channels due to dirt in the channel change switch. Four cycles had to be inserted on day 120, 1982.
			191	TG	125	125	Instrument flooded.

A = AANDERAA CURRENT METER
V = VACM CURRENT METER
TG = AANDERAA TIDE GAUGE


T(473;011M.)
DEG. CEL.
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE COA MAR/82 - OCT/82

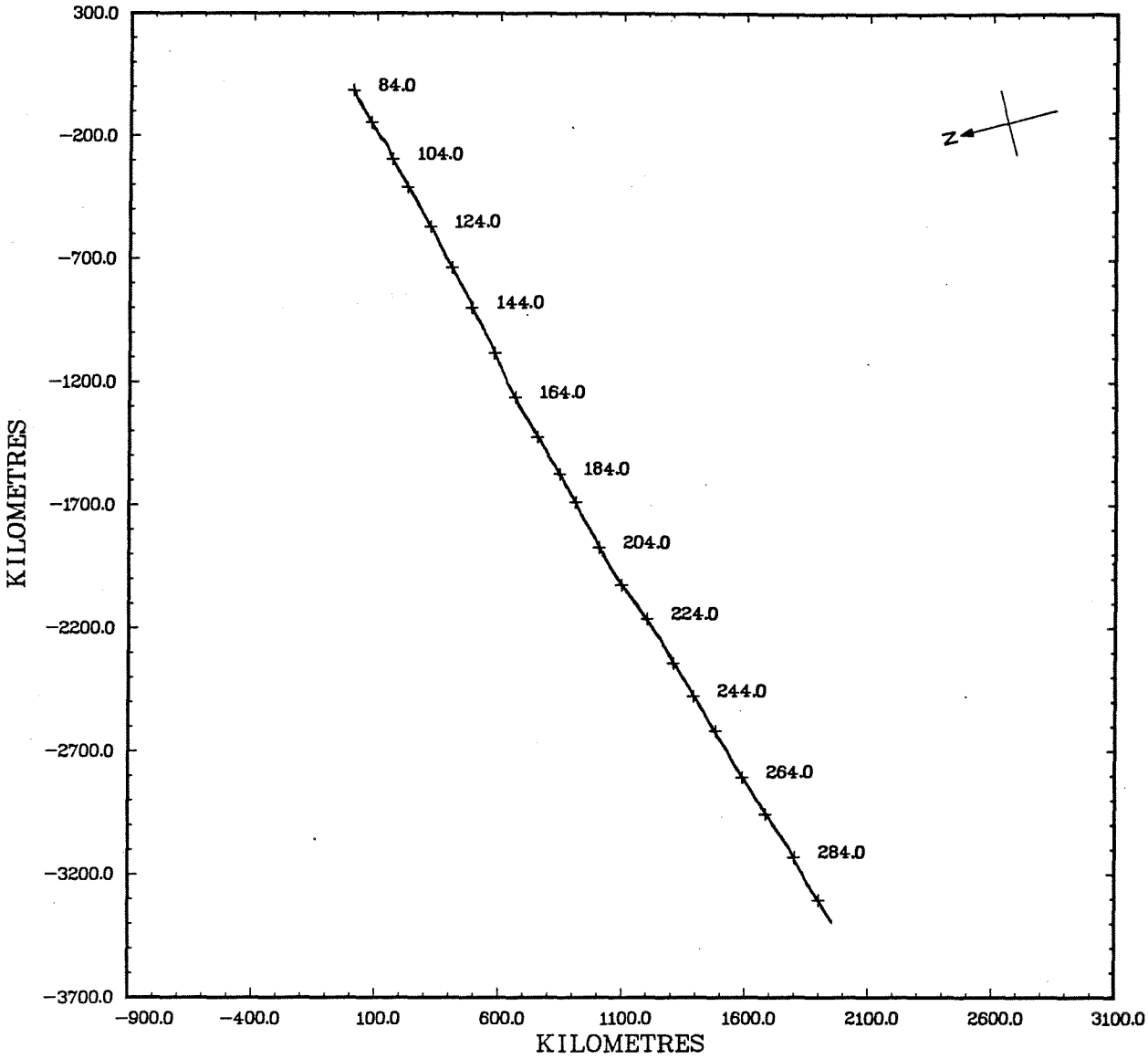

T(473; 11M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE COA MAR/82 - OCT/82

HISTOGRAM OF T(473;011M.) DEG. CEL.

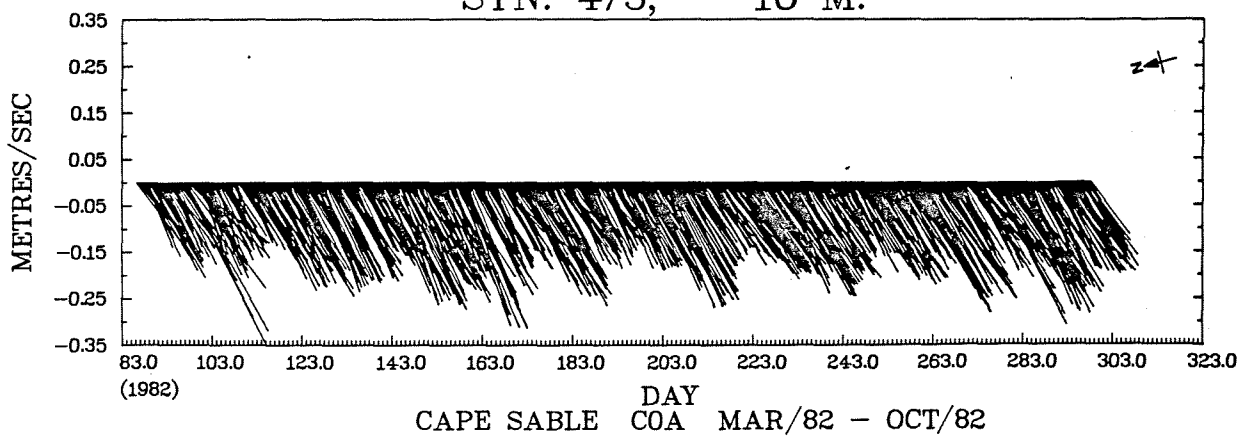
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	15	.3	***
0.00	.50	64	1.2	**********
.50	1.00	82	1.6	************
1.00	1.50	108	2.1	*****************
1.50	2.00	211	4.0	**********************************
2.00	2.50	78	1.5	************
2.50	3.00	70	1.3	**********
3.00	3.50	59	1.1	*********
3.50	4.00	58	1.1	*********
4.00	4.50	225	4.3	************************************
4.50	5.00	168	3.2	***************************
5.00	5.50	134	2.6	*********************
5.50	6.00	332	6.4	***
6.00	6.50	358	6.9	**
6.50	7.00	526	10.1	**
7.00	7.50	624	12.0	**
7.50	8.00	666	12.8	**
8.00	8.50	353	6.8	**
8.50	9.00	157	3.0	*************************
9.00	9.50	62	1.2	*********
9.50	10.00	13	.2	**
10.00	10.50	51	1.0	********
10.50	11.00	139	2.7	**********************
11.00	11.50	80	1.5	************
11.50	12.00	36	.7	******
12.00	12.50	46	.9	*******
12.50	13.00	74	1.4	***********
13.00	13.50	195	3.7	******************************
13.50	14.00	191	3.7	******************************
14.00	14.50	37	.7	******
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 5212
OUTSIDE RANGE 0

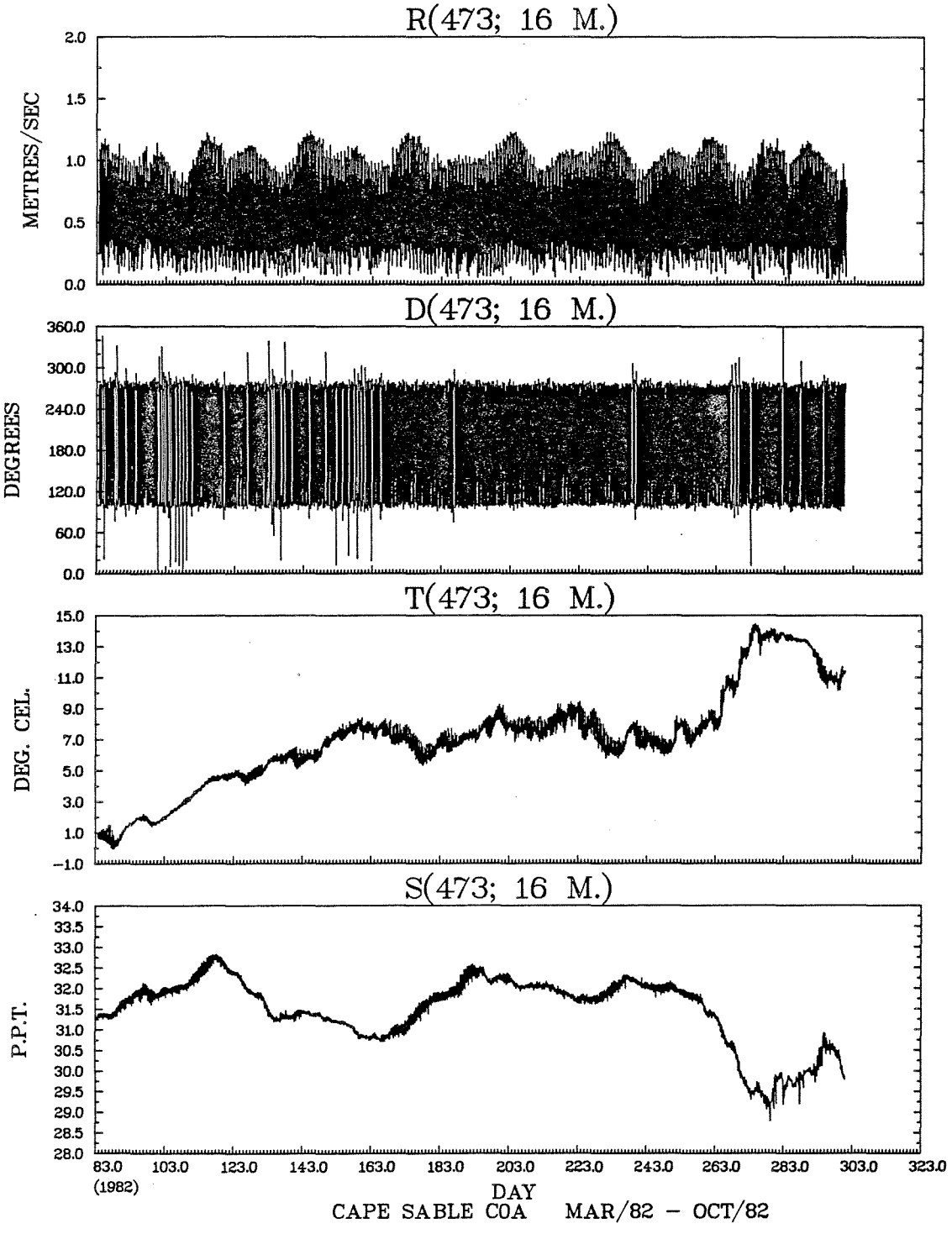
STN. 473, 16 M.

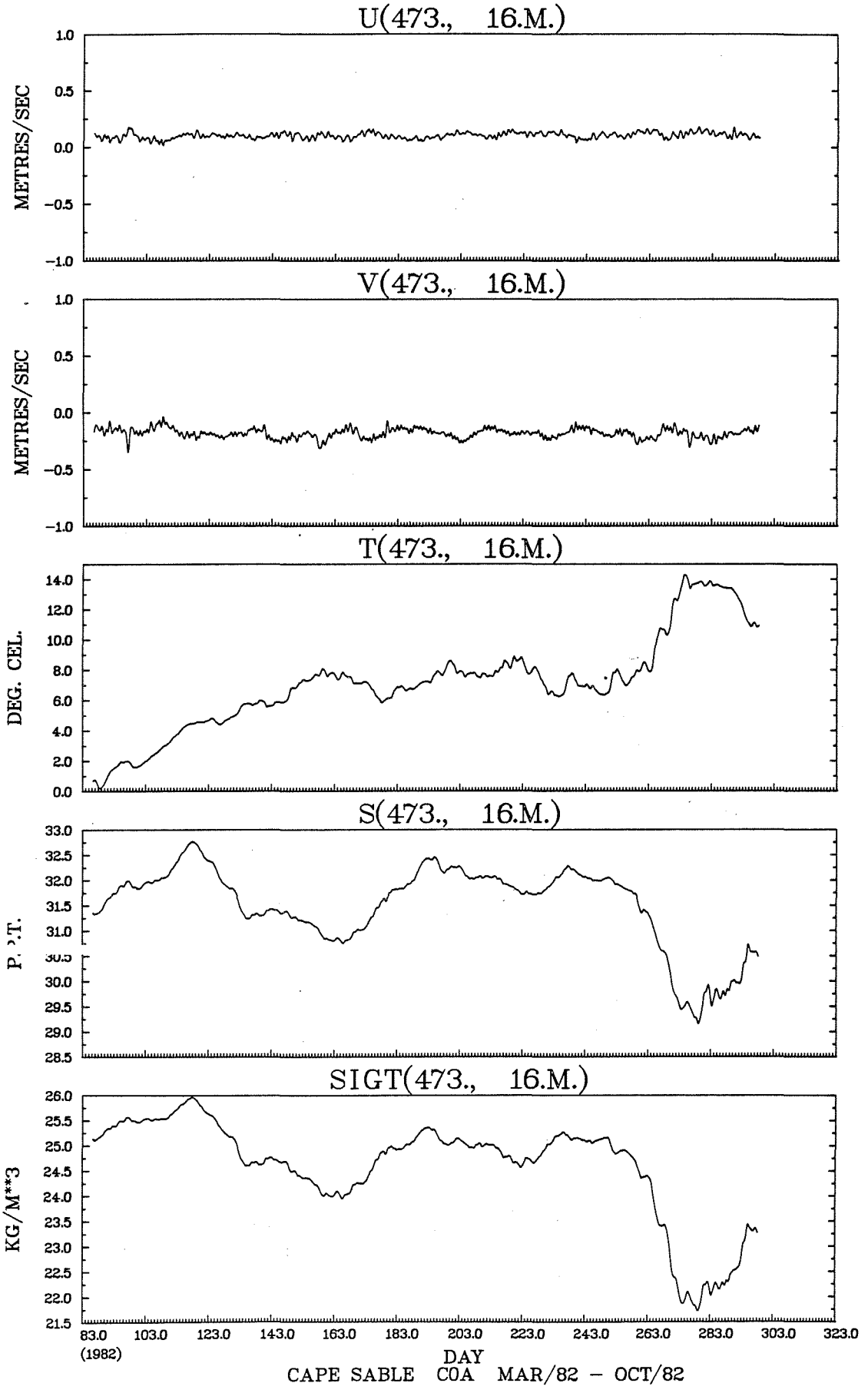


STN. 473, 16 M.



CAPE SABLE COA MAR/82 - OCT/82


R(473; 16 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(473; 16 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(473; 16 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(473; 16 M.)
P.P.T.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE COA MAR/82 - OCT/82


U(473., 16.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(473., 16.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(473., 16.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(473., 16.M.)
P.P.T.
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
SIGT(473., 16.M.)
KG/M**3
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE COA MAR/82 − OCT/82

JOINT DISTRIBUTION (PERCENT)

D(473., 16.M.) VS R(473., 16.M.)

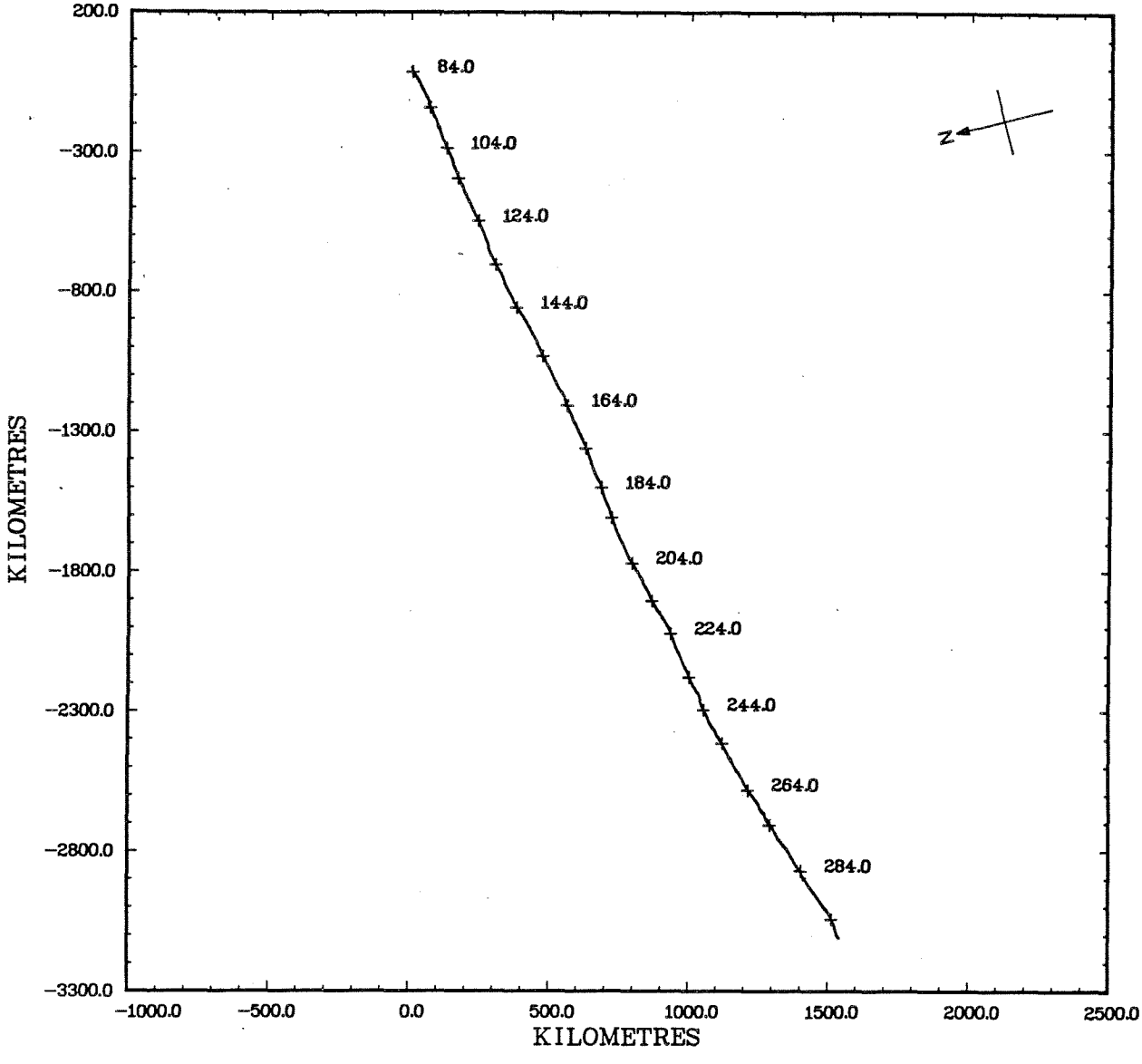
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	22	*									.2	.3		
1.10 TO	1.20	207	*				.0					1.3	2.7		
1.00 TO	1.10	475	*				.8					2.1	6.1		
.90 TO	1.00	669	*			.0	3.0					2.4	7.4		
.80 TO	.90	666	*				5.7					1.9	5.2		
.70 TO	.80	588	*				5.4					2.3	3.6		
.60 TO	.70	478	*				5.1	.0				2.0	2.1		
.50 TO	.60	458	*				4.6	.1				2.1	1.9		
.40 TO	.50	376	*				3.7	.2			.0	2.4	.9		
.30 TO	.40	442	*			.0	2.7	1.4	.2		.3	3.0	.9	.0	
.20 TO	.30	444	*	.0		.2	1.0	2.4	.8	.2	1.3	2.5	.1	.1	
.10 TO	.20	315	*	.1	.0	.1	.1	.8	1.5	1.4	1.4	.5	.0	.1	.1
-.00 TO	.10	72	*	.1				.0	.2	.6	.3	.1		.0	.0
OUT OF RANGE		0	0												
SUB TOTAL		5212	0	13	1	18	1677	261	142	111	172	1177	1625	9	6

JOINT DISTRIBUTION (PERCENT)

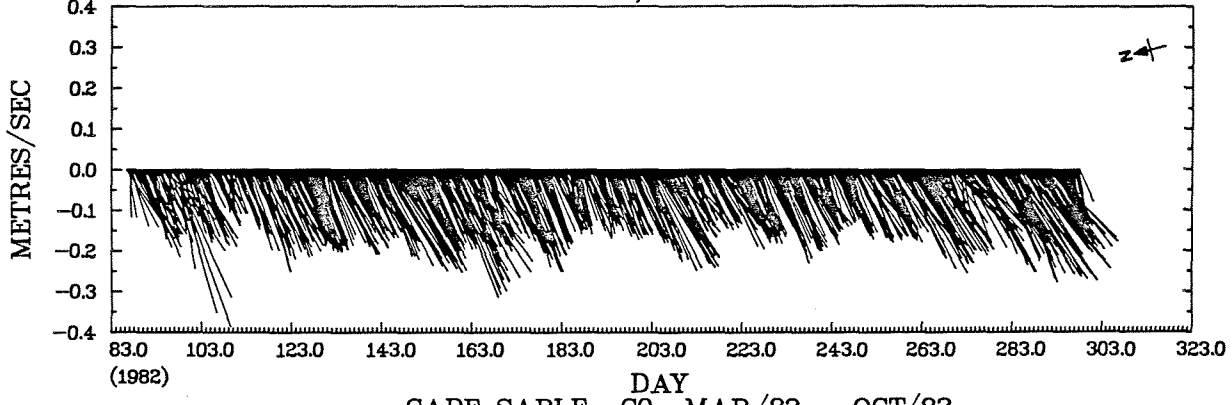
T(473., 16.M.) VS S(473., 16.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	183	*			3.2	.0	.3					
32.00 TO	32.50	1352	*		2.0	4.9	5.9	13.1	.1				
31.50 TO	32.00	1477	*	.5	6.4	1.9	8.0	11.0	.6				
31.00 TO	31.50	1044	*	2.3	.5		11.0	6.1	.1				
30.50 TO	31.00	475	*				.1	5.6	2.7	.7			
30.00 TO	30.50	154	*						1.2	1.6	.2		
29.50 TO	30.00	383	*							2.1	5.2		
29.00 TO	29.50	143	*								2.7		
28.50 TO	29.00	1	*								.0		
28.00 TO	28.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		5212	0	148	462	517	1299	1881	246	231	428		

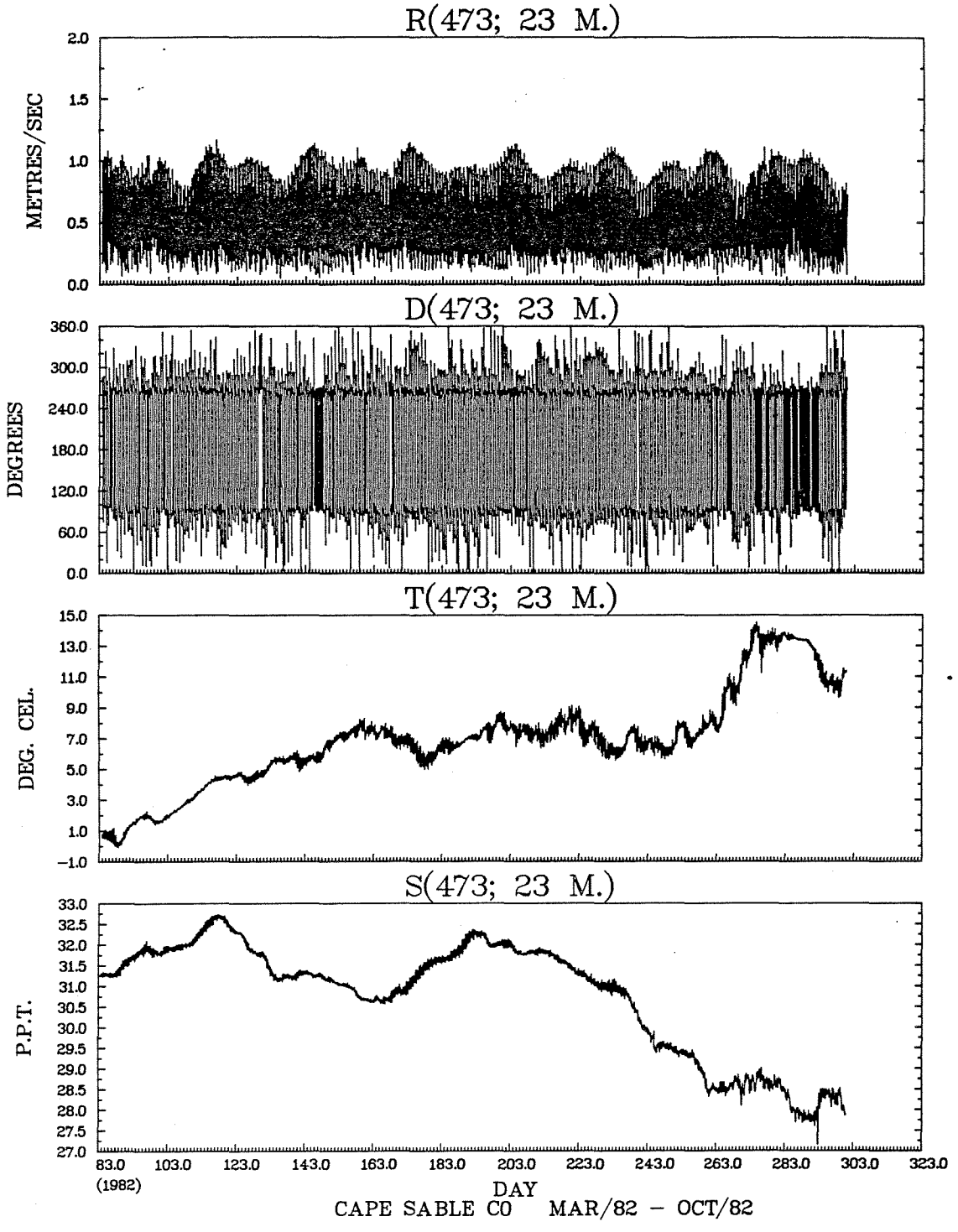
STN. 473, 23 M.

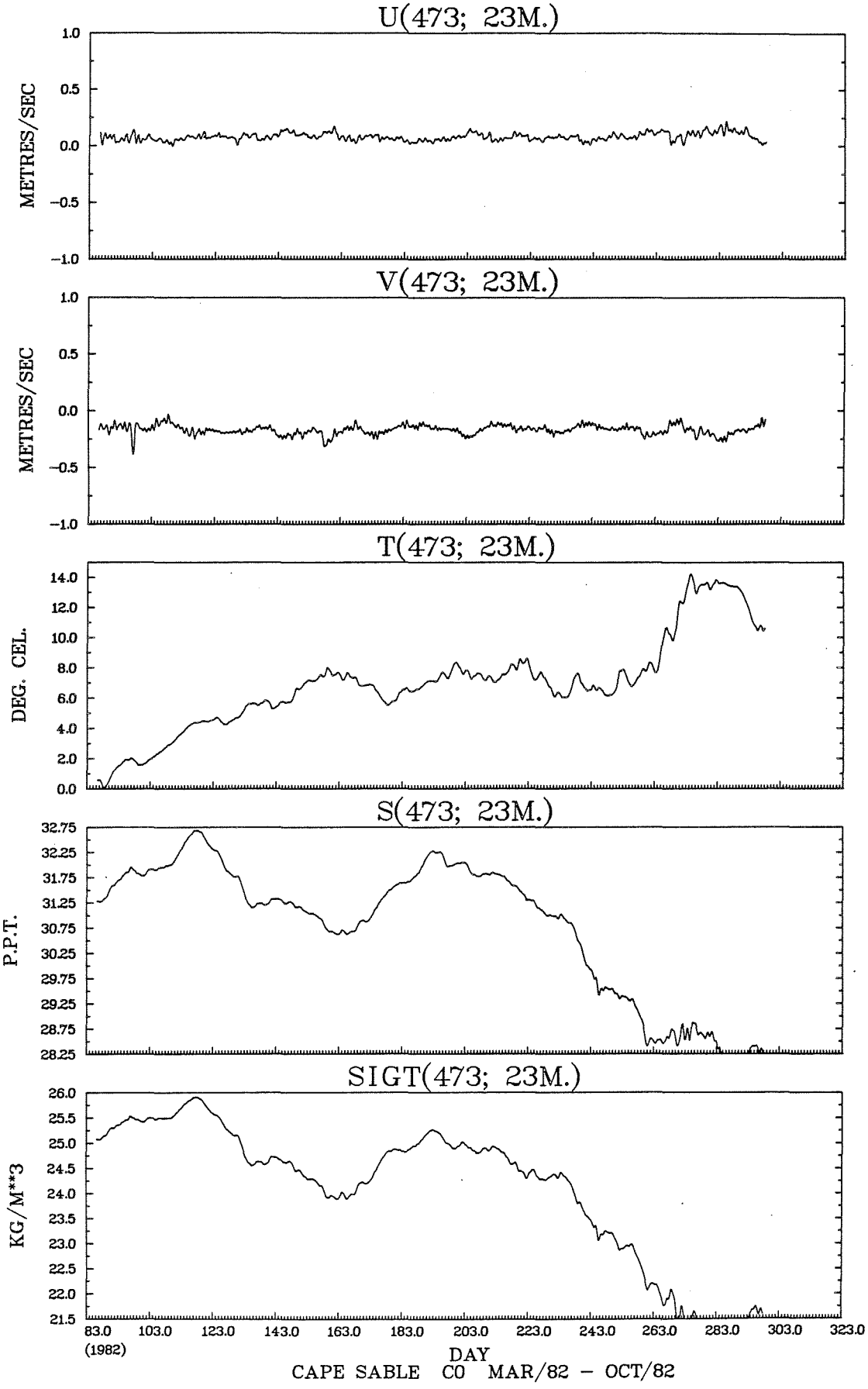


STN. 473, 23 M.



CAPE SABLE CO MAR/82 - OCT/82


R(473; 23 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(473; 23 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(473; 23 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(473; 23 M.)
P.P.T.
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
27.5
27.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE CO MAR/82 - OCT/82


U(473; 23M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(473; 23M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(473; 23M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(473; 23M.)
P.P.T.
32.75
32.25
31.75
31.25
30.75
30.25
29.75
29.25
28.75
28.25
SIGT(473; 23M.)
KG/M**3
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE CO MAR/82 - OCT/82

JOINT DISTRIBUTION (PERCENT)

D(473., 23.M.) VS R(473., 23.M.)

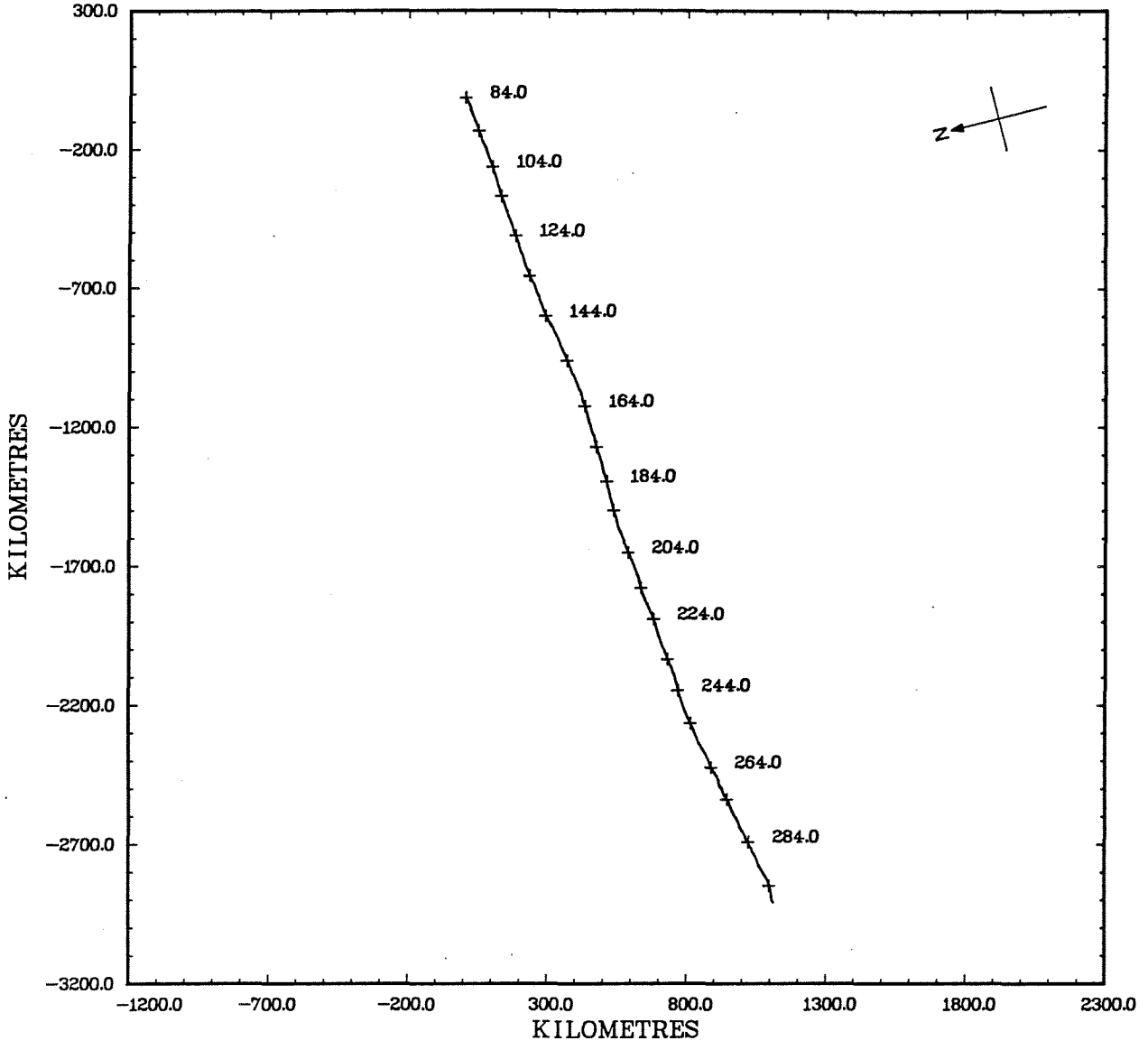
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	29	*									.5	.0		
1.00 TO	1.10	240	*				.1					4.2	.3		
.90 TO	1.00	557	*			.2	.7					8.7	1.2		
.80 TO	.90	617	*			.6	2.2					7.5	1.4		
.70 TO	.80	650	*			1.7	4.2				.0	4.9	1.7		
.60 TO	.70	655	*			1.7	4.6	.0				4.2	2.1		
.50 TO	.60	535	*		.0	2.0	3.9	.1			.0	2.6	1.7		
.40 TO	.50	488	*	.0	.0	1.8	2.9	.1			.1	2.5	1.9	.0	
.30 TO	.40	460	*		.0	2.2	1.9	.4	.1	.0	.5	2.0	1.5	.2	
.20 TO	.30	554	*	.1	.7	1.8	.9	1.5	.5	.4	1.5	1.0	.7	1.4	.1
.10 TO	.20	388	*	1.0	.8	.3	.1	.6	1.1	1.1	.6	.1	.0	.7	1.1
-.00 TO	.10	37	*	.2				.0	.1	.2	.1	.0		.0	.1
OUT OF RANGE		0	0												
SUB TOTAL		5210	0	67	82	638	1117	140	94	87	143	1995	657	123	67

JOINT DISTRIBUTION (PERCENT)

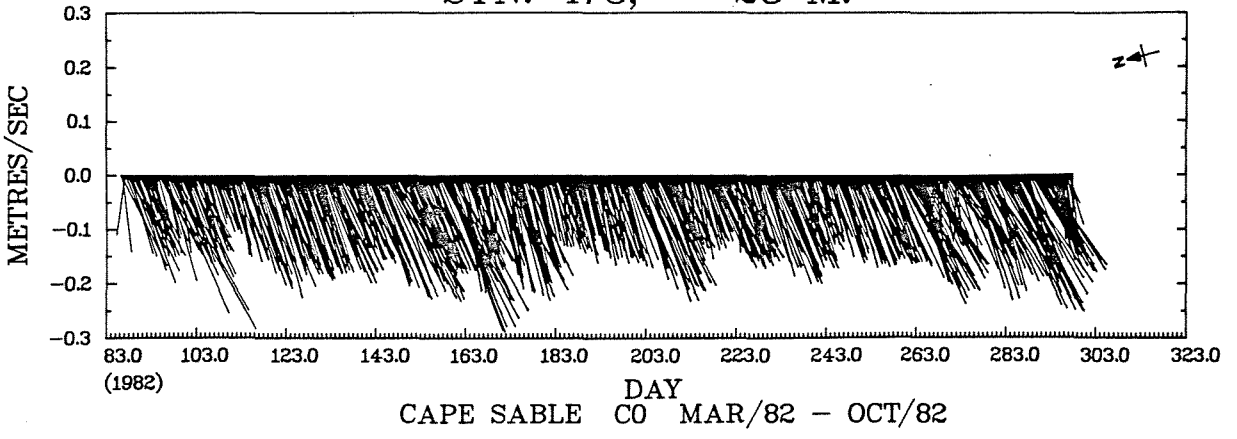
T(473., 23.M.) VS S(473., 23.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
32.50 TO	33.00	144	*			2.8							
32.00 TO	32.50	549	*		.6	4.8	.8	4.3					
31.50 TO	32.00	1304	*	.3	7.9	2.9	6.0	7.9					
31.00 TO	31.50	1118	*	2.8	.2	.1	13.4	4.8	.1				
30.50 TO	31.00	609	*				3.8	7.9					
30.00 TO	30.50	74	*				.8	.5					
29.50 TO	30.00	159	*				2.9	.1					
29.00 TO	29.50	241	*				2.1	2.5		.0			
28.50 TO	29.00	461	*					1.9	1.9	1.4	3.7		
28.00 TO	28.50	363	*					1.0	3.0	1.3	1.7		
27.50 TO	28.00	184	*							1.3	2.3		
27.00 TO	27.50	4	*							.1			
OUT OF RANGE		0	0										
SUB TOTAL		5210	0	165	454	549	1559	1616	256	212	399		

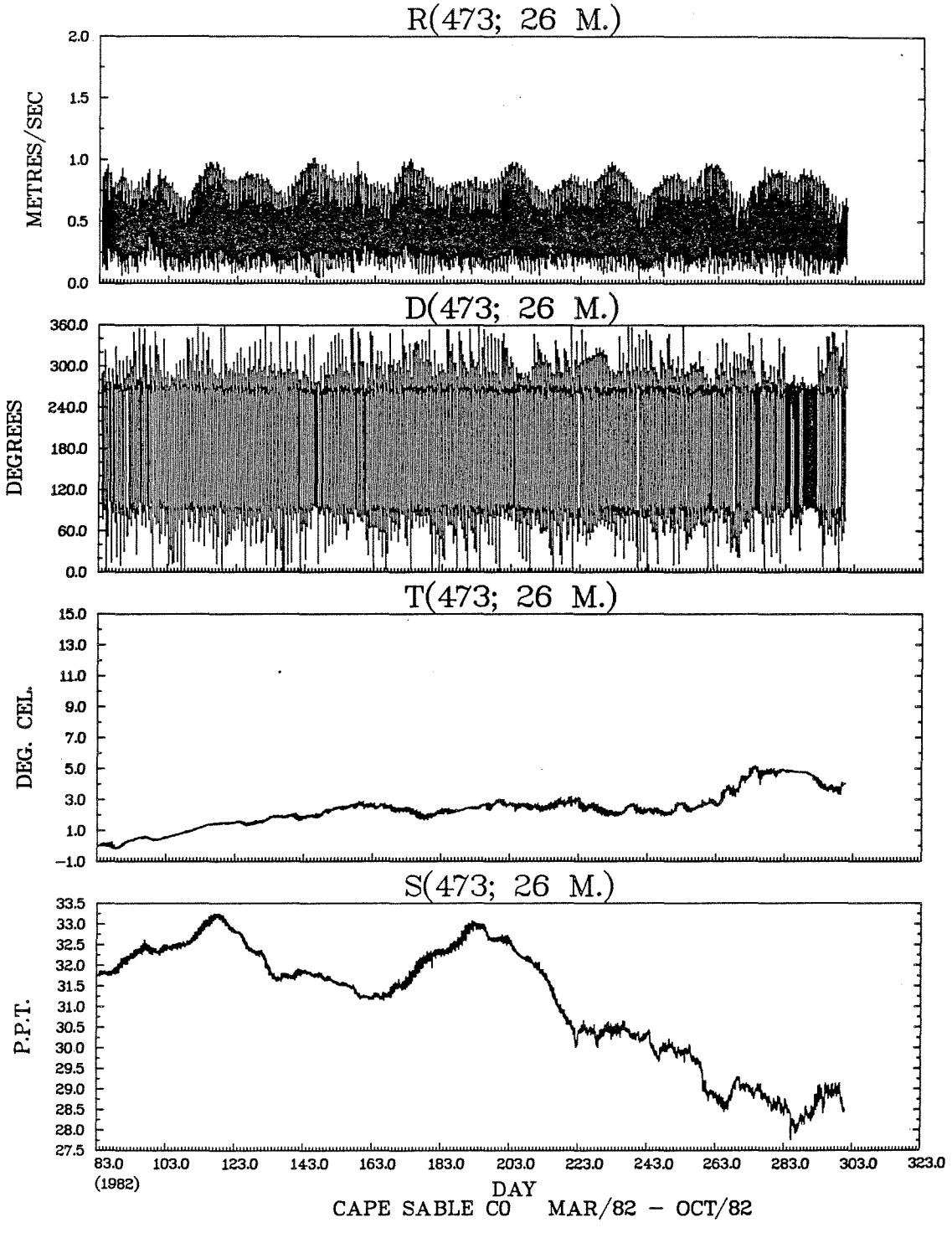
STN. 473, 26 M.

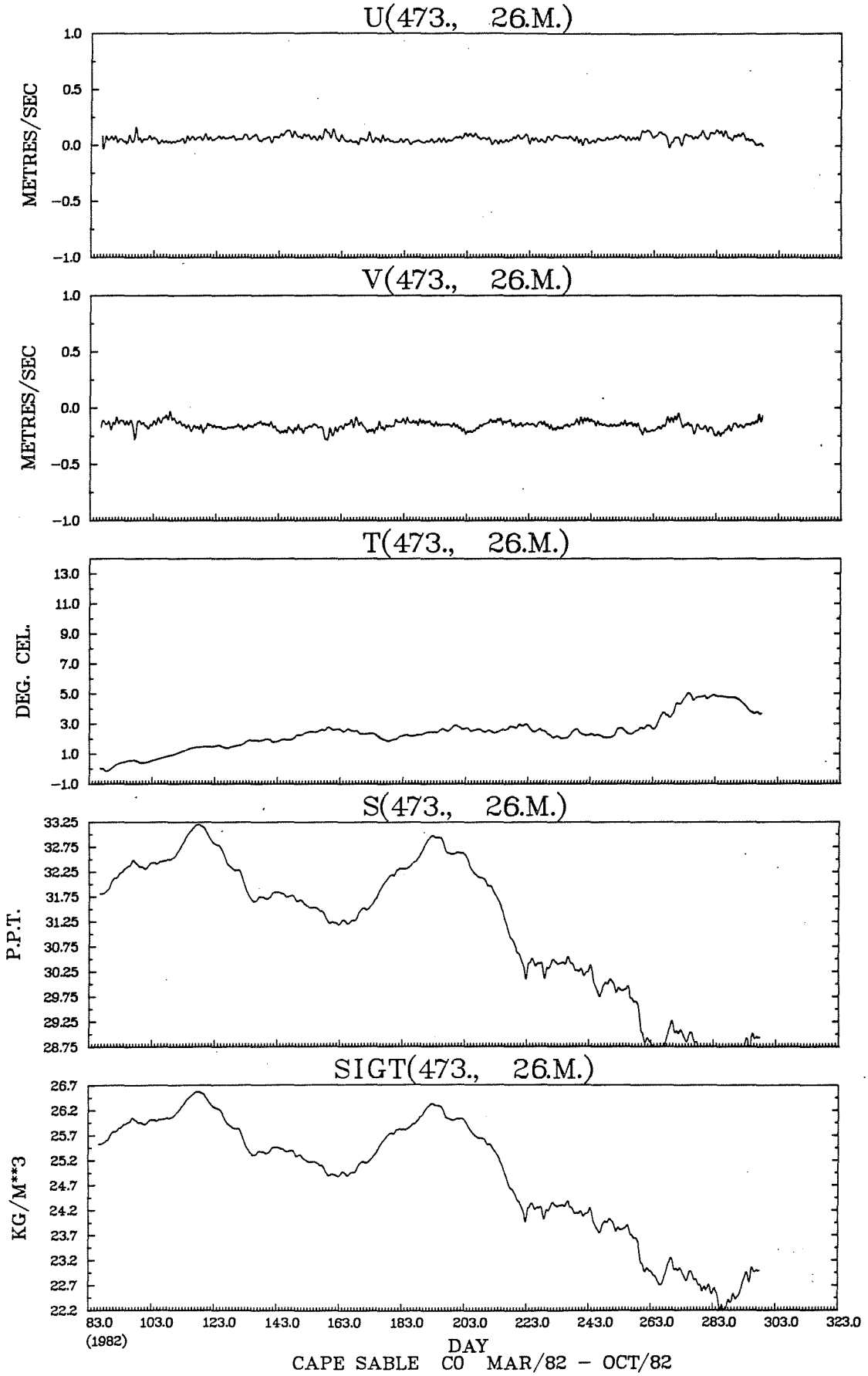


STN. 473, 26 M.



CAPE SABLE CO MAR/82 - OCT/82


R(473; 26 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(473; 26 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(473; 26 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(473; 26 M.)
P.P.T.
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
27.5
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE CO MAR/82 - OCT/82


U(473., 26.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(473., 26.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(473., 26.M.)
DEG. CEL.
13.0
11.0
9.0
7.0
5.0
3.0
1.0
−1.0
S(473., 26.M.)
P.P.T.
33.25
32.75
32.25
31.75
31.25
30.75
30.25
29.75
29.25
28.75
SIGT(473., 26.M.)
KG/M**3
26.7
26.2
25.7
25.2
24.7
24.2
23.7
23.2
22.7
22.2
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE CO MAR/82 - OCT/82

JOINT DISTRIBUTION (PERCENT)

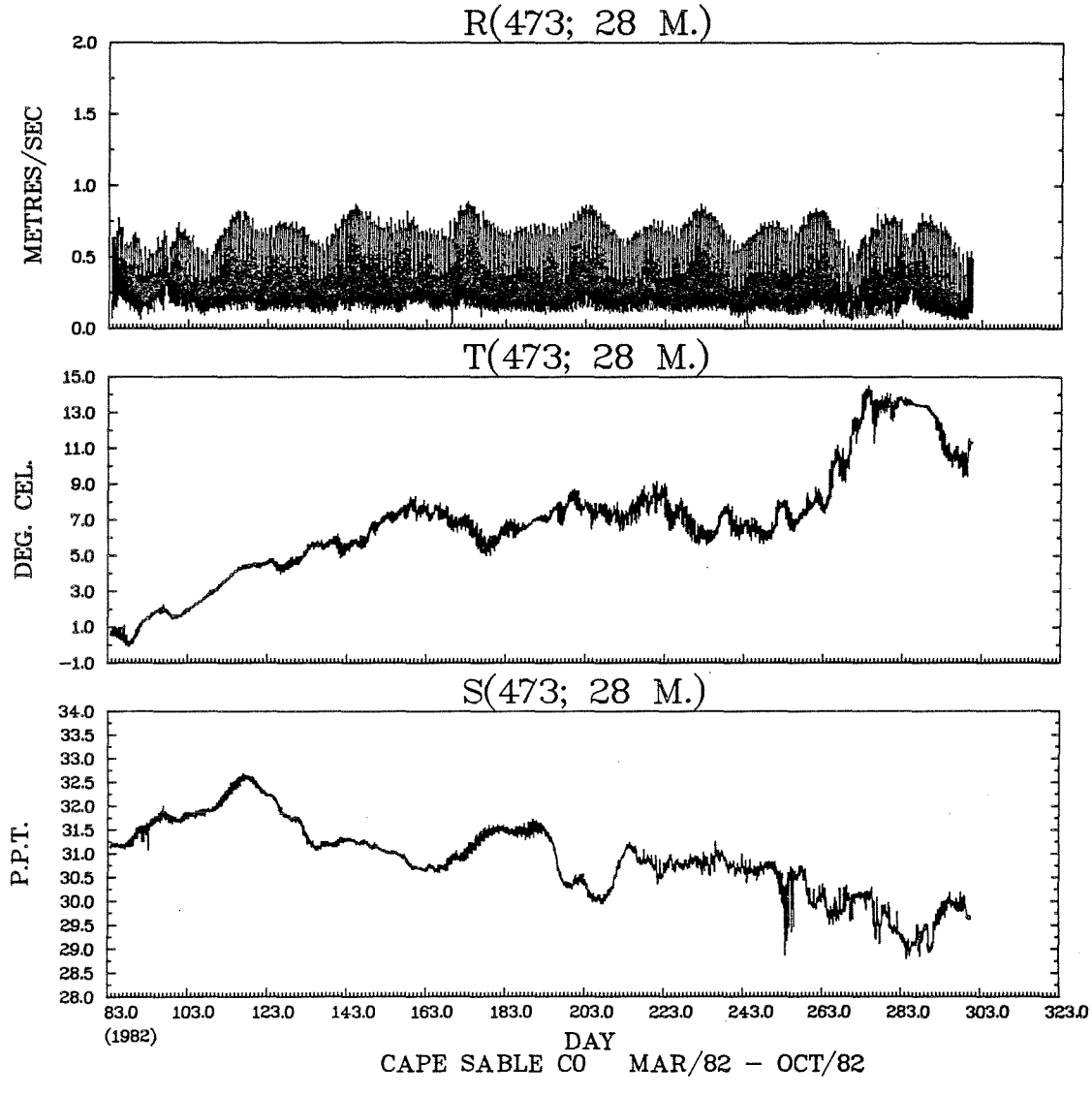
D(473., 26.M.) VS R(473., 26.M.)

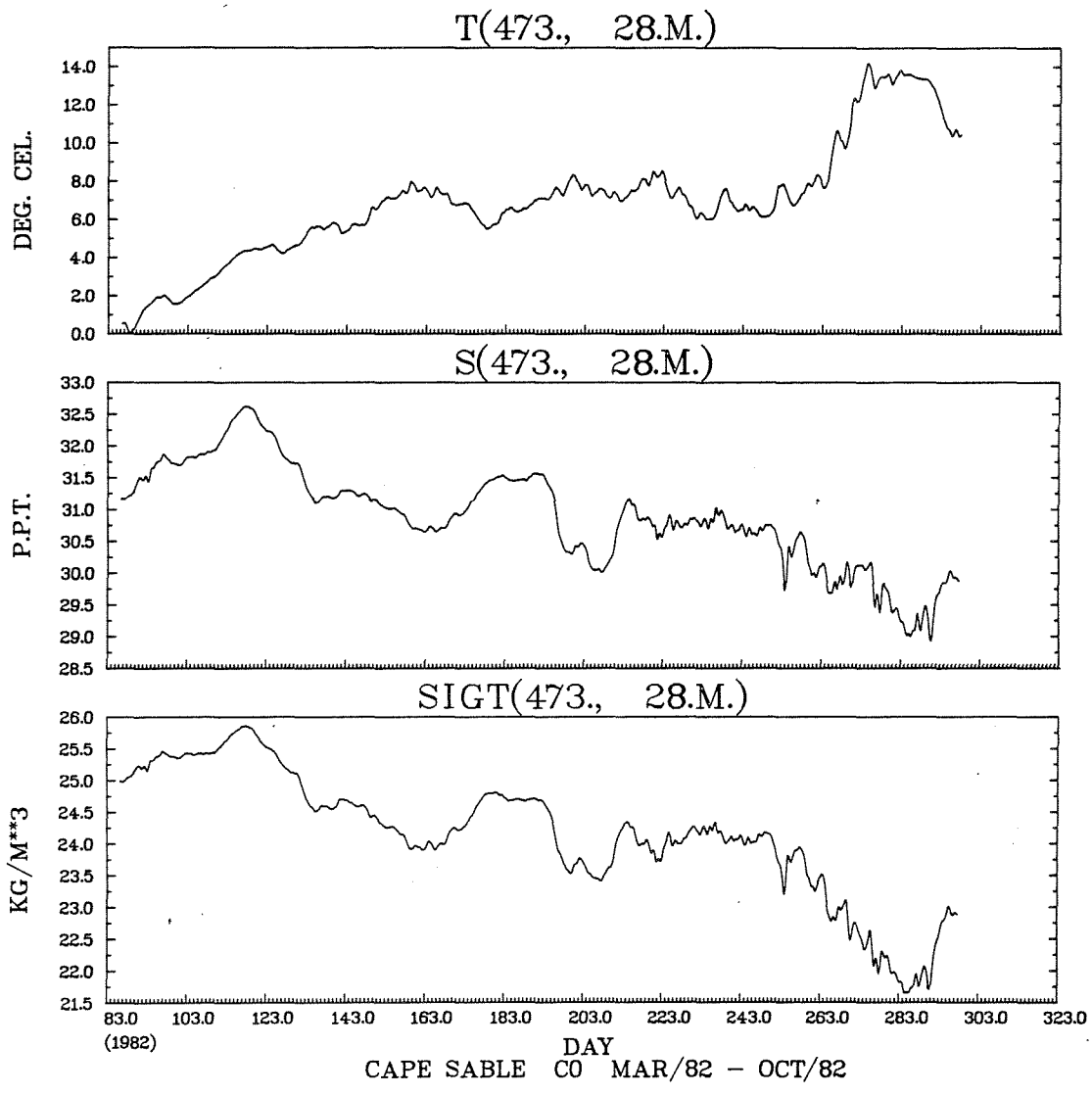
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10	3	*									.0	.0		
.90 TO	1.00	176	*									2.8	.5		
.80 TO	.90	521	*			.0	.3					7.1	2.6		
.70 TO	.80	644	*			.4	1.8					6.9	3.2		
.60 TO	.70	710	*			1.2	5.0					4.9	2.6		
.50 TO	.60	715	*			1.7	5.5				.0	3.6	2.9		
.40 TO	.50	660	*			2.1	4.9	.1	.0			2.9	2.7		
.30 TO	.40	529	*		.0	2.4	2.7	.2			.2	2.4	2.1	.1	
.20 TO	.30	642	*	.1	.6	2.4	1.8	1.0	.2	.2	1.2	1.9	1.4	1.4	.1
.10 TO	.20	544	*	1.0	1.3	.8	.2	1.4	1.2	.8	1.0	.2		1.1	1.4
-.00 TO	.10	66	*	.2	.1			.1	.2	.3	.1			.0	.2
OUT OF RANGE		0	0												
SUB TOTAL		5210	0	70	106	572	1155	141	87	68	131	1712	945	136	87

JOINT DISTRIBUTION (PERCENT)

T(473., 26.M.) VS S(473., 26.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
33.00 TO 33.50	171	*		3.3								
32.50 TO 33.00	680	*	1.6	11.4	.1							
32.00 TO 32.50	982	*	8.0	10.9								
31.50 TO 32.00	967	*	2.9	15.7								
31.00 TO 31.50	406	*		7.8								
30.50 TO 31.00	151	*		2.6	.3							
30.00 TO 30.50	579	*		10.8	.3							
29.50 TO 30.00	270	*		5.2								
29.00 TO 29.50	200	*		.5	3.2	.1						
28.50 TO 29.00	592	*		2.0	8.8	.5						
28.00 TO 28.50	197	*			3.8	.0						
27.50 TO 28.00	15	*			.3							
OUT OF RANGE	0	0										
SUB TOTAL	5210	0	646	3656	877	31						


R(473; 28 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
T(473; 28 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(473; 28 M.)
P.P.T.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE CO MAR/82 - OCT/82


T(473., 28.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(473., 28.M.)
P.P.T.
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
SIGT(473., 28.M.)
KG/M**3
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE CO MAR/82 - OCT/82

HISTOGRAM OF R(473., 28.M.) METRES/SEC

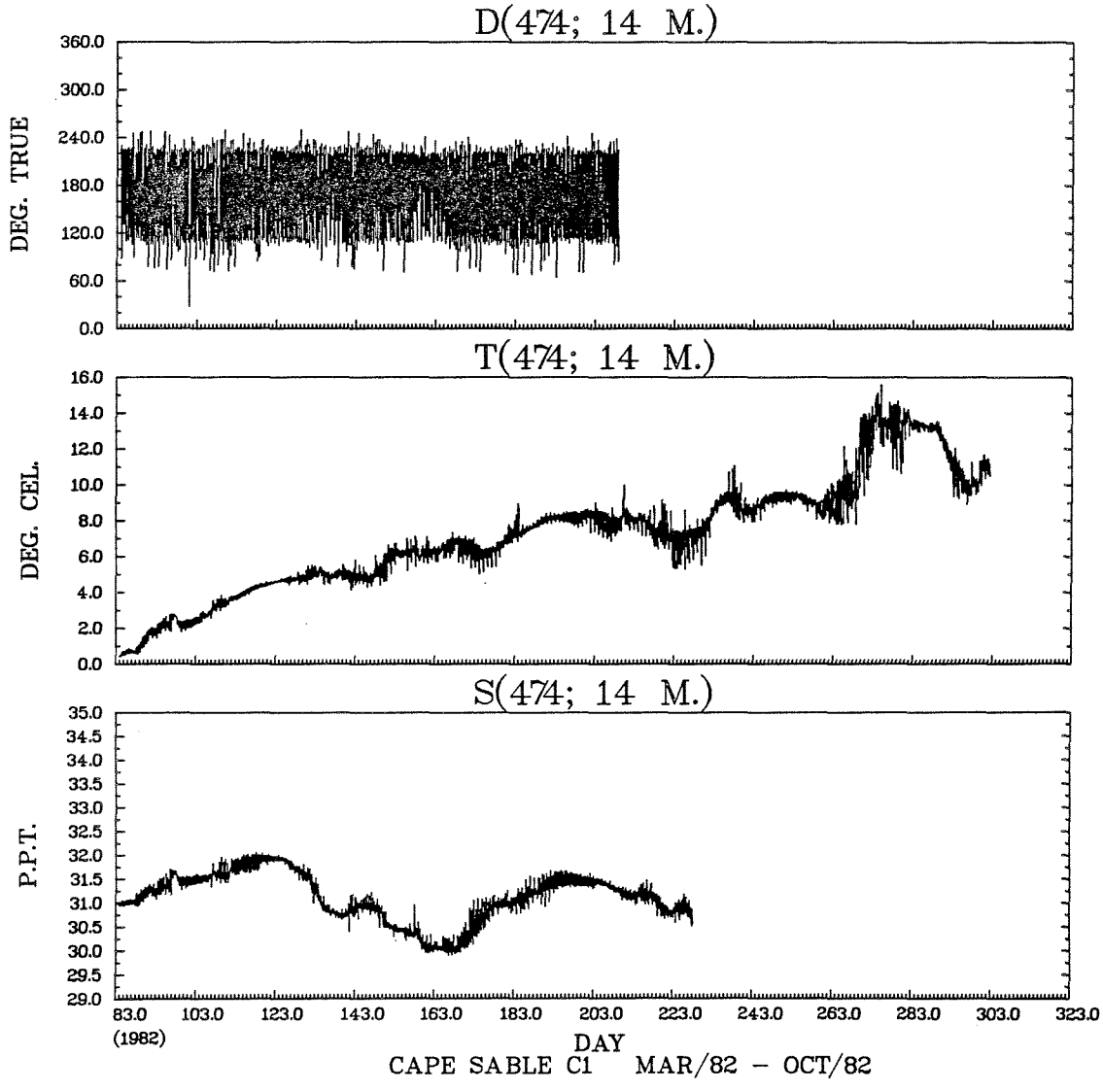
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.05	2	.0	*
.05	.10	78	1.5	**********
.10	.15	564	10.8	**********
.15	.20	673	12.9	**********
.20	.25	524	10.1	**********
.25	.30	500	9.6	**********
.30	.35	490	9.4	**********
.35	.40	376	7.2	**********
.40	.45	253	4.9	**********
.45	.50	255	4.9	**********
.50	.55	222	4.3	**********
.55	.60	224	4.3	**********
.60	.65	283	5.4	**********
.65	.70	287	5.5	**********
.70	.75	250	4.8	**********
.75	.80	135	2.6	**********
.80	.85	78	1.5	**********
.85	.90	16	.3	***
.90	.95	0	0.0	
.95	1.00	0	0.0	
1.00	1.05	0	0.0	
1.05	1.10	0	0.0	
1.10	1.15	0	0.0	
1.15	1.20	0	0.0	
1.20	1.25	0	0.0	
1.25	1.30	0	0.0	
1.30	1.35	0	0.0	
1.35	1.40	0	0.0	
1.40	1.45	0	0.0	
1.45	1.50	0	0.0	

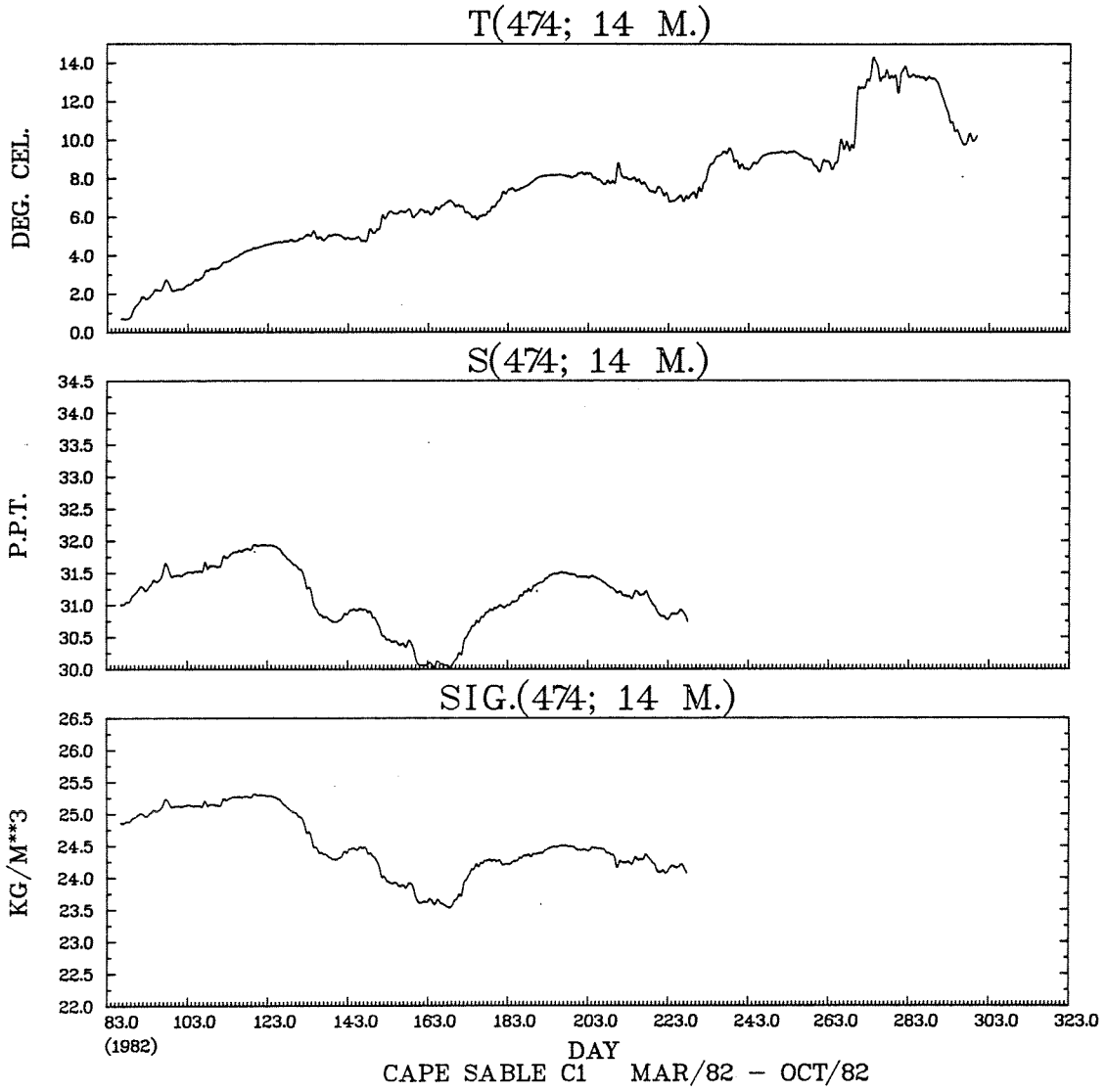
TOTAL NO. OF SAMPLES 5210
OUTSIDE RANGE 0

JOINT DISTRIBUTION (PERCENT)

T(473., 28.M.) VS S(473., 28.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50		*										
32.50 TO 33.00	112	*			2.1							
32.00 TO 32.50	255	*		.0	4.9							
31.50 TO 32.00	787	*	.2	8.0	3.5	2.8	.7					
31.00 TO 31.50	1211	*	3.1	.7	.1	15.4	4.0					
30.50 TO 31.00	1428	*				11.2	16.1	.1				
30.00 TO 30.50	652	*				.9	8.0	1.3	1.1	1.2		
OUT OF RANGE	765	0				10	81	188	155	331		
SUB TOTAL	5210	0	169	450	552	1591	1582	259	212	395		


D(474; 14 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(474; 14 M.)
DEG. CEL.
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(474; 14 M.)
P.P.T.
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE C1 MAR/82 - OCT/82


T(474; 14 M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(474; 14 M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIG.(474; 14 M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82

HISTOGRAM OF D(474., 14.M.) DEG. TRUE

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	10.00	0	0.0	
10.00	20.00	0	0.0	
20.00	30.00	1	.0	*
30.00	40.00	0	0.0	
40.00	50.00	0	0.0	
50.00	60.00	0	0.0	
60.00	70.00	4	.1	*
70.00	80.00	23	.8	*****
80.00	90.00	11	.4	***
90.00	100.00	21	.7	*****
100.00	110.00	226	7.5	**********
110.00	120.00	432	14.4	**********
120.00	130.00	166	5.5	**********
130.00	140.00	320	10.7	**********
140.00	150.00	105	3.5	**********
150.00	160.00	69	2.3	**********
160.00	170.00	28	.9	******
170.00	180.00	36	1.2	********
180.00	190.00	68	2.3	**********
190.00	200.00	307	10.2	**********
200.00	210.00	177	5.9	**********
210.00	220.00	449	14.9	**********
220.00	230.00	476	15.8	**********
230.00	240.00	67	2.2	**********
240.00	250.00	18	.6	****
250.00	260.00	0	0.0	
260.00	270.00	0	0.0	
270.00	280.00	0	0.0	
280.00	290.00	0	0.0	
290.00	300.00	0	0.0	
300.00	310.00	0	0.0	
310.00	320.00	0	0.0	
320.00	330.00	0	0.0	
330.00	340.00	0	0.0	
340.00	350.00	0	0.0	
350.00	360.00	0	0.0	

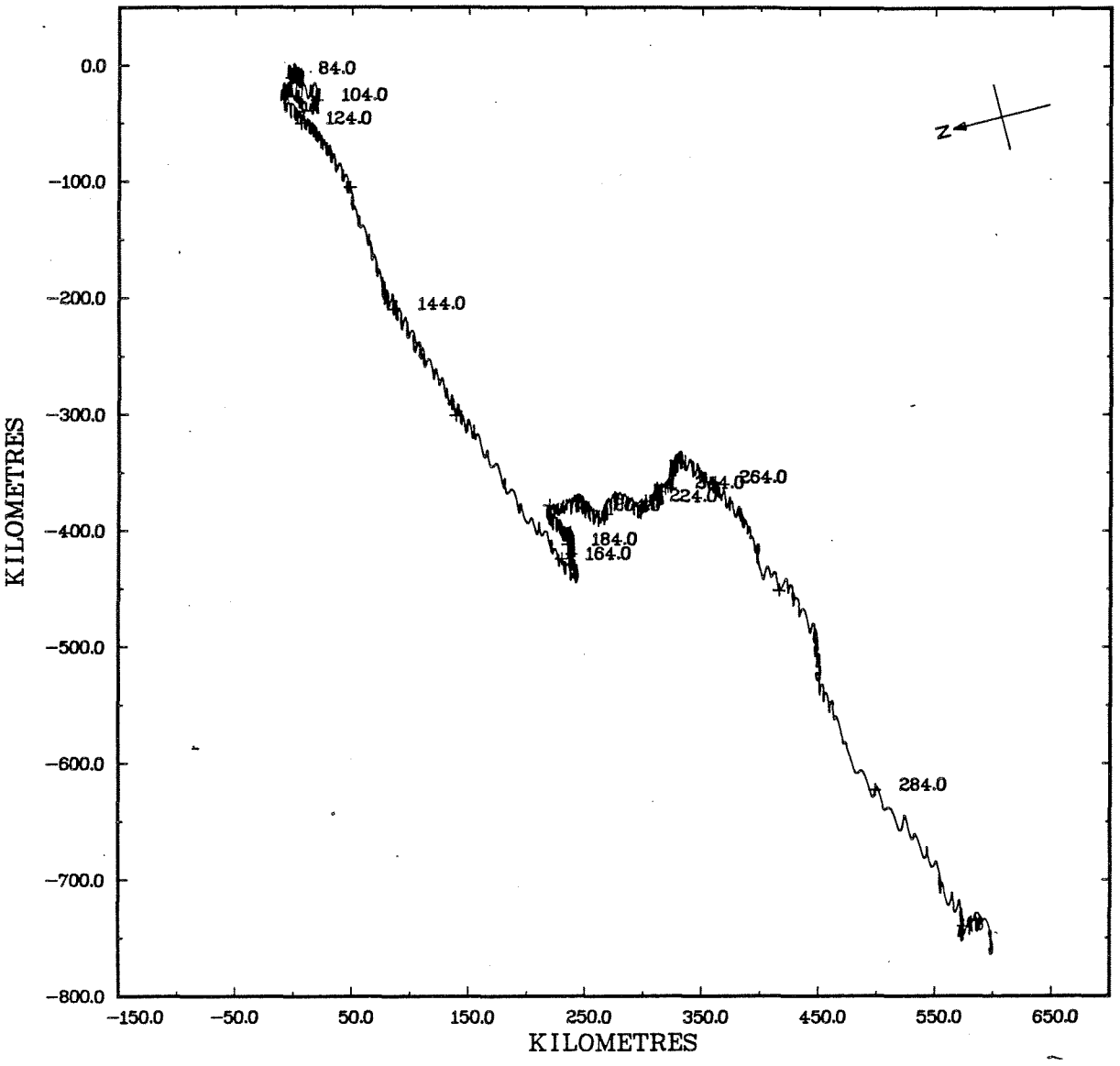
TOTAL NO. OF SAMPLES 3004
OUTSIDE RANGE 0

JOINT DISTRIBUTION (PERCENT)

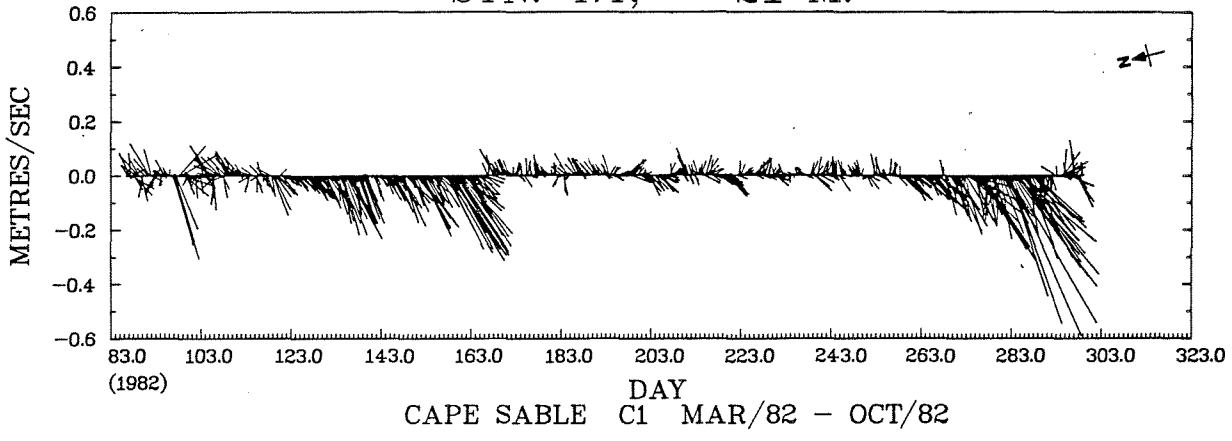
T(474., 14.M.) VS S(474., 14.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00		*										
32.00 TO	32.50	18	*			.5							
31.50 TO	32.00	858	*		4.6	15.9	.3	3.9					
31.00 TO	31.50	1201	*	2.1	7.9	1.9	2.7	19.9	.2				
30.50 TO	31.00	891	*	1.6		5.4	12.9	5.8	.0				
30.00 TO	30.50	452	*			.0	12.8	.3					
29.50 TO	30.00	44	*				1.0	.3					
OUT OF RANGE		0	0										
SUB TOTAL		3464	0	129	433	820	1027	1046	9				

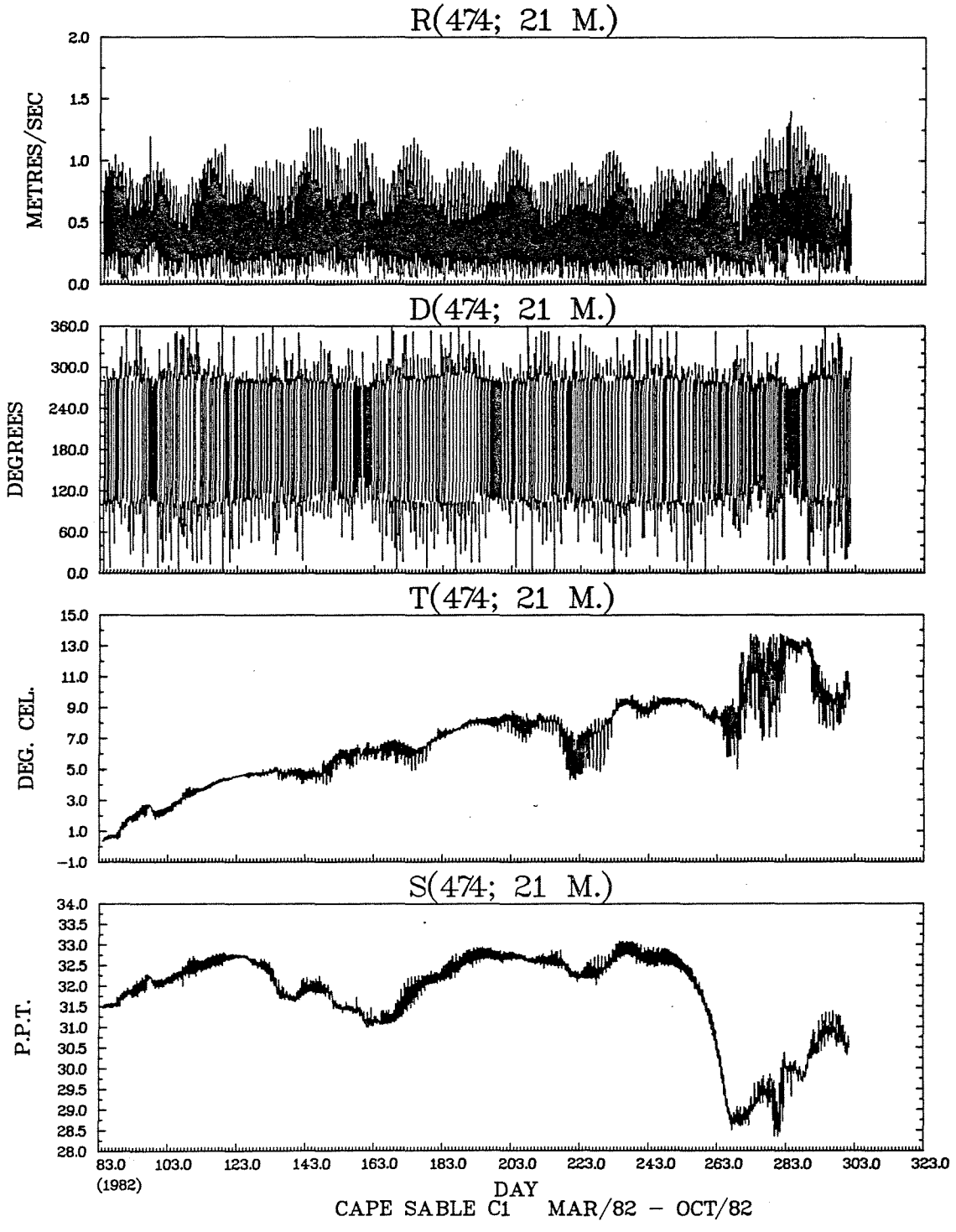
STN. 474, 21 M.

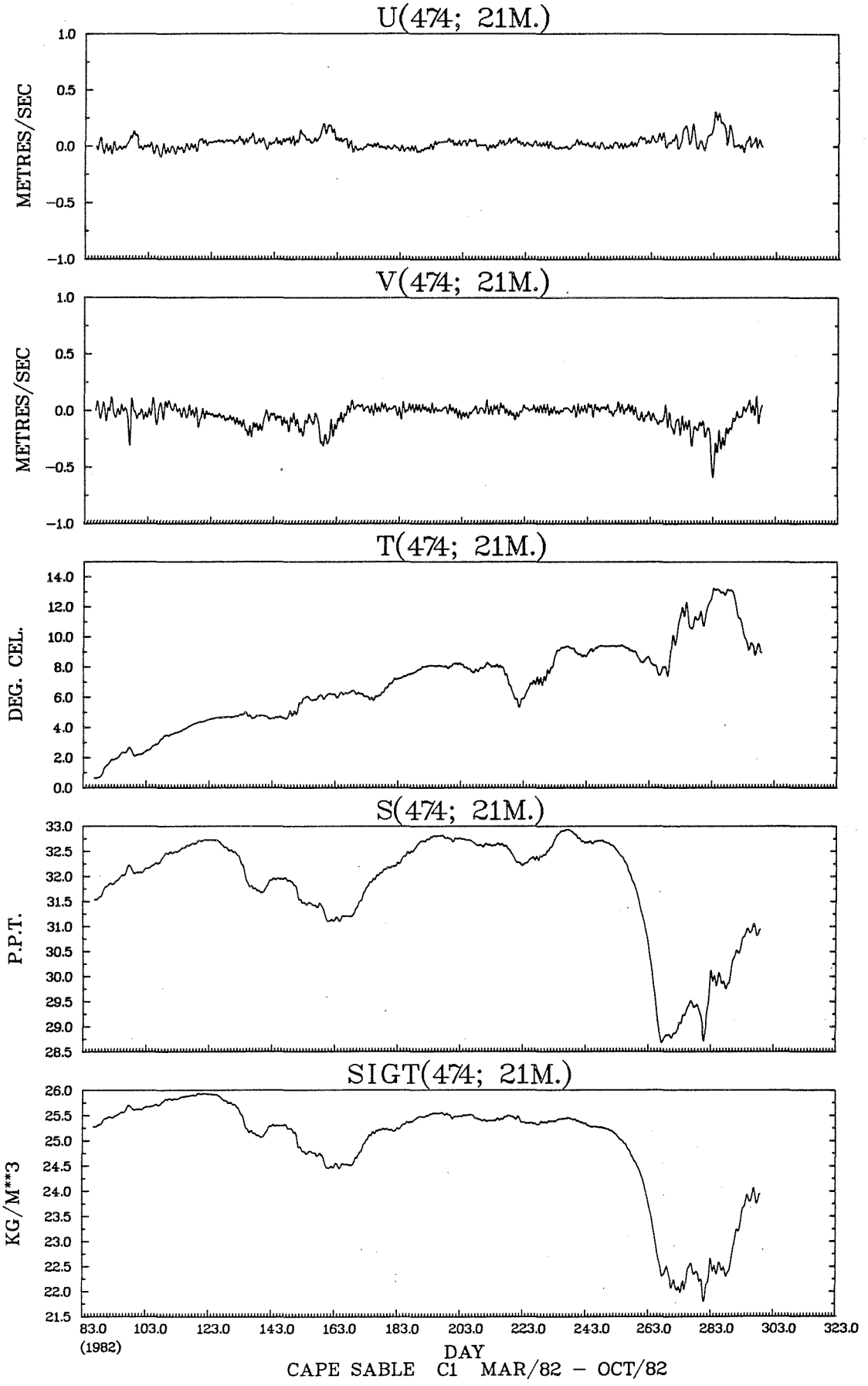


STN. 474, 21 M.



CAPE SABLE C1 MAR/82 - OCT/82


R(474; 21 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(474; 21 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(474; 21 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(474; 21 M.)
P.P.T.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82


U(474; 21M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(474; 21M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(474; 21M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(474; 21M.)
P.P.T.
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
SIGT(474; 21M.)
KG/M**3
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 − OCT/82

JOINT DISTRIBUTION (PERCENT)

D(474., 21.M.) VS R(474., 21.M.)

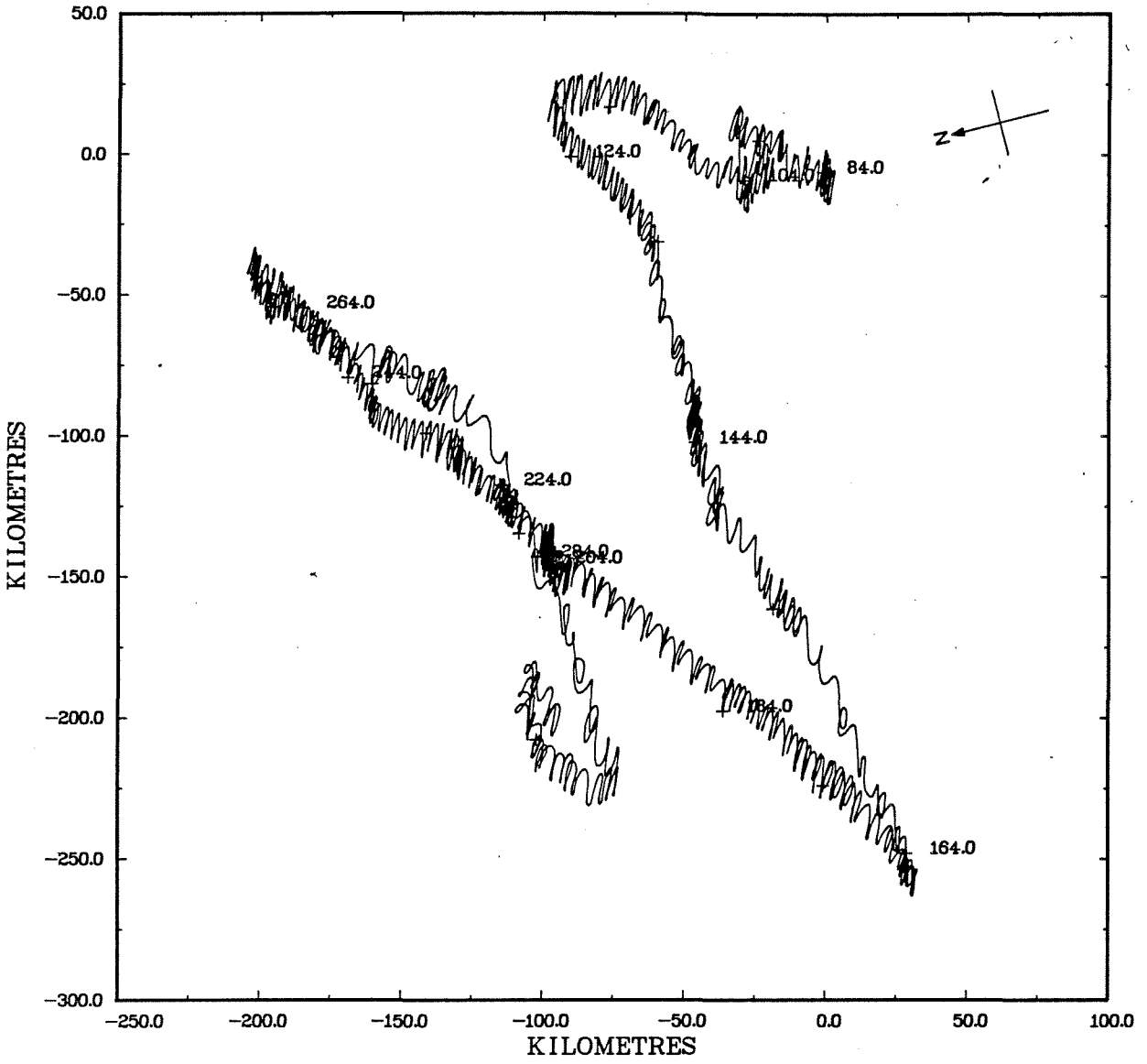
DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50	1	*									.0			
1.30 TO	1.40	2	*									.0			
1.20 TO	1.30	14	*									.1	.2		
1.10 TO	1.20	37	*				.2					.1	.4		
1.00 TO	1.10	112	*				.7					.1	1.3		
.90 TO	1.00	255	*				2.1					.2	2.5		
.80 TO	.90	432	*			.0	3.8	.1				.2	4.2		
.70 TO	.80	582	*				5.4	.1				.2	5.5		
.60 TO	.70	660	*				6.0	.1				.3	6.1		
.50 TO	.60	616	*			.1	4.6	.6				.4	6.1	.1	
.40 TO	.50	619	*			.1	4.7	.7	.0		.1	.6	5.5	.0	
.30 TO	.40	581	*			.4	3.3	1.5	.3	.1	.1	1.1	4.0	.4	
.20 TO	.30	553	*	.0	.1	.8	2.0	1.5	.4	.4	.5	1.4	2.2	1.3	.1
.10 TO	.20	537	*	.3	.5	1.1	.6	1.3	1.0	.7	.8	1.1	.9	1.4	.7
-.00 TO	.10	225	*	.6	.7	.3	.0	.2	.4	.7	.5	.3		.0	.6
OUT OF RANGE		0	0												
SUB TOTAL		5226	0	50	65	150	1753	319	112	91	104	320	2029	165	68

JOINT DISTRIBUTION (PERCENT)

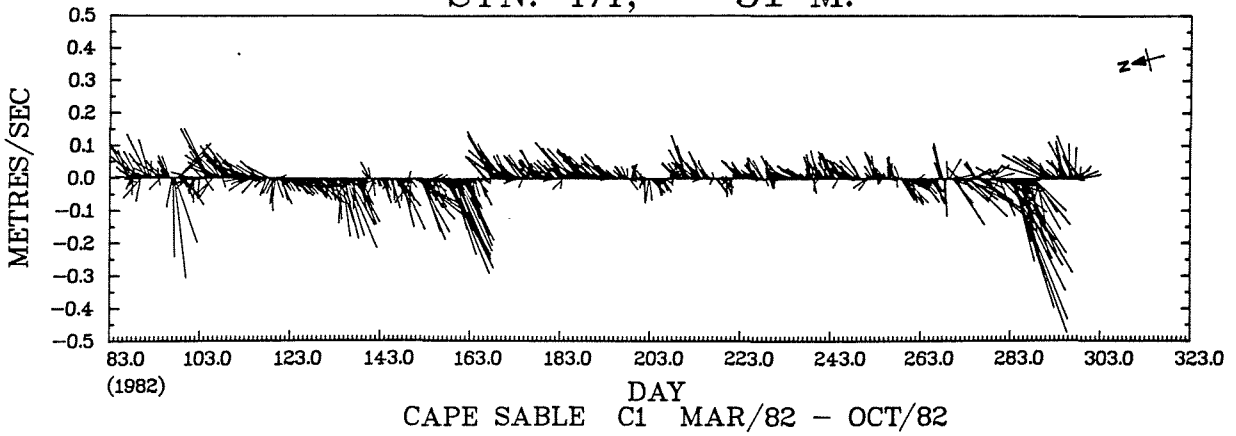
T(474., 21.M.) VS S(474., 21.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
33.50 TO	34.00		*										
33.00 TO	33.50	52	*						1.0				
32.50 TO	33.00	1655	*			8.3	.7	17.1	5.7				
32.00 TO	32.50	1234	*		5.1	6.3	4.3	5.9	2.1				
31.50 TO	32.00	827	*	1.8	3.2	5.5	4.0	.7	.6				
31.00 TO	31.50	548	*	.5			8.2	1.7	.1				
30.50 TO	31.00	205	*				.1	.7	3.0	.2			
30.00 TO	30.50	167	*					.5	.1	1.9	.7		
29.50 TO	30.00	168	*				.0	.7	.4	.7	1.4		
29.00 TO	29.50	189	*			.0	.2	.5	.6	1.7	.6		
28.50 TO	29.00	176	*				.3	1.2	1.0	.6	.3		
28.00 TO	28.50	5	*							.1	.0		
OUT OF RANGE		0	0										
SUB TOTAL		5226	0	120	432	1048	930	1512	763	265	156		

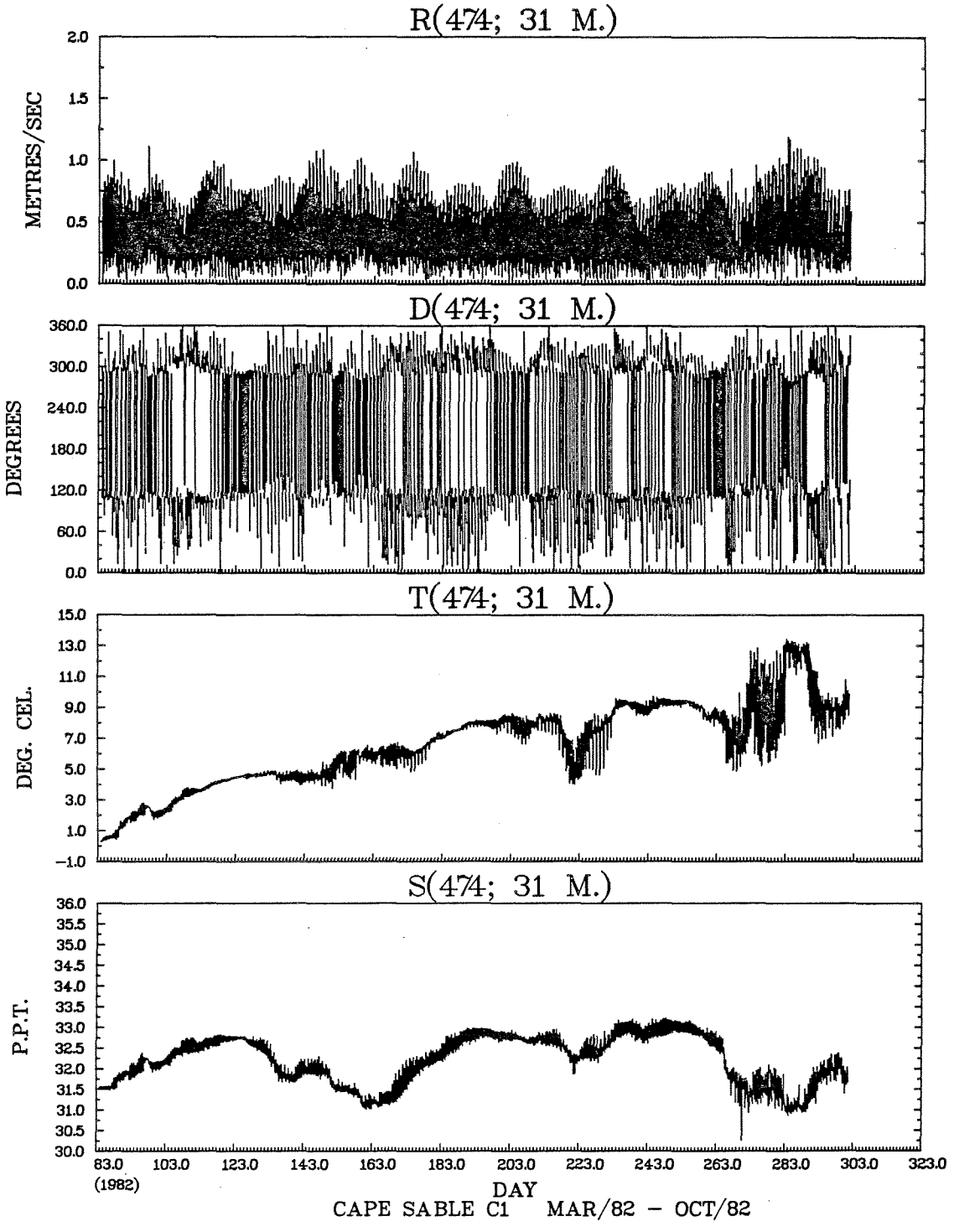
STN. 474, 31 M.

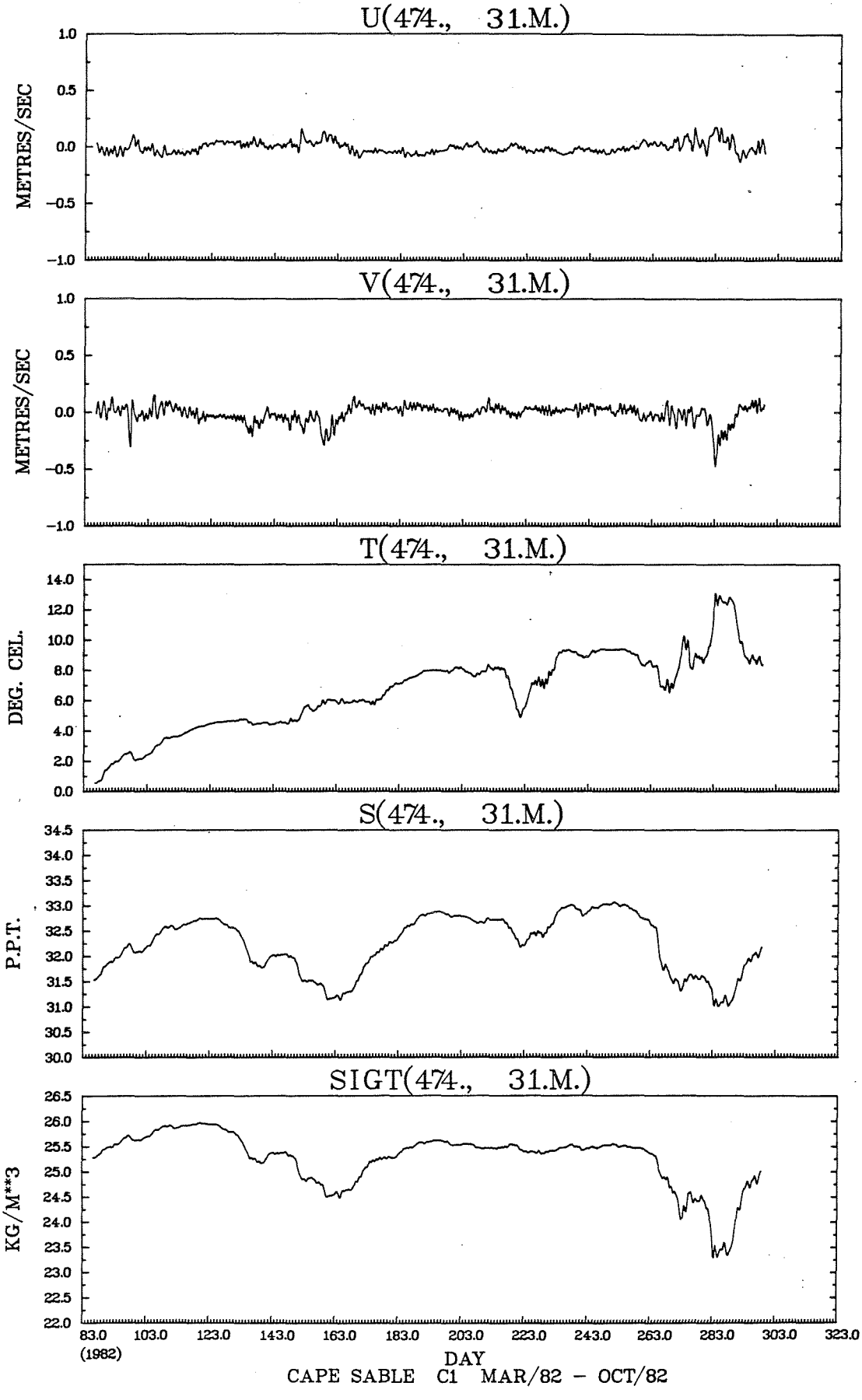


STN. 474, 31 M.



CAPE SABLE C1 MAR/82 – OCT/82


R(474; 31 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(474; 31 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(474; 31 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(474; 31 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE C1 MAR/82 - OCT/82


U(474., 31.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(474., 31.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(474., 31.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(474., 31.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(474., 31.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
83.0 103.0 123.0 143.0 163.0 183.0 203.0 223.0 243.0 263.0 283.0 303.0 323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82

JOINT DISTRIBUTION (PERCENT)

D(474., 31.M.) VS R(474., 31.M.)

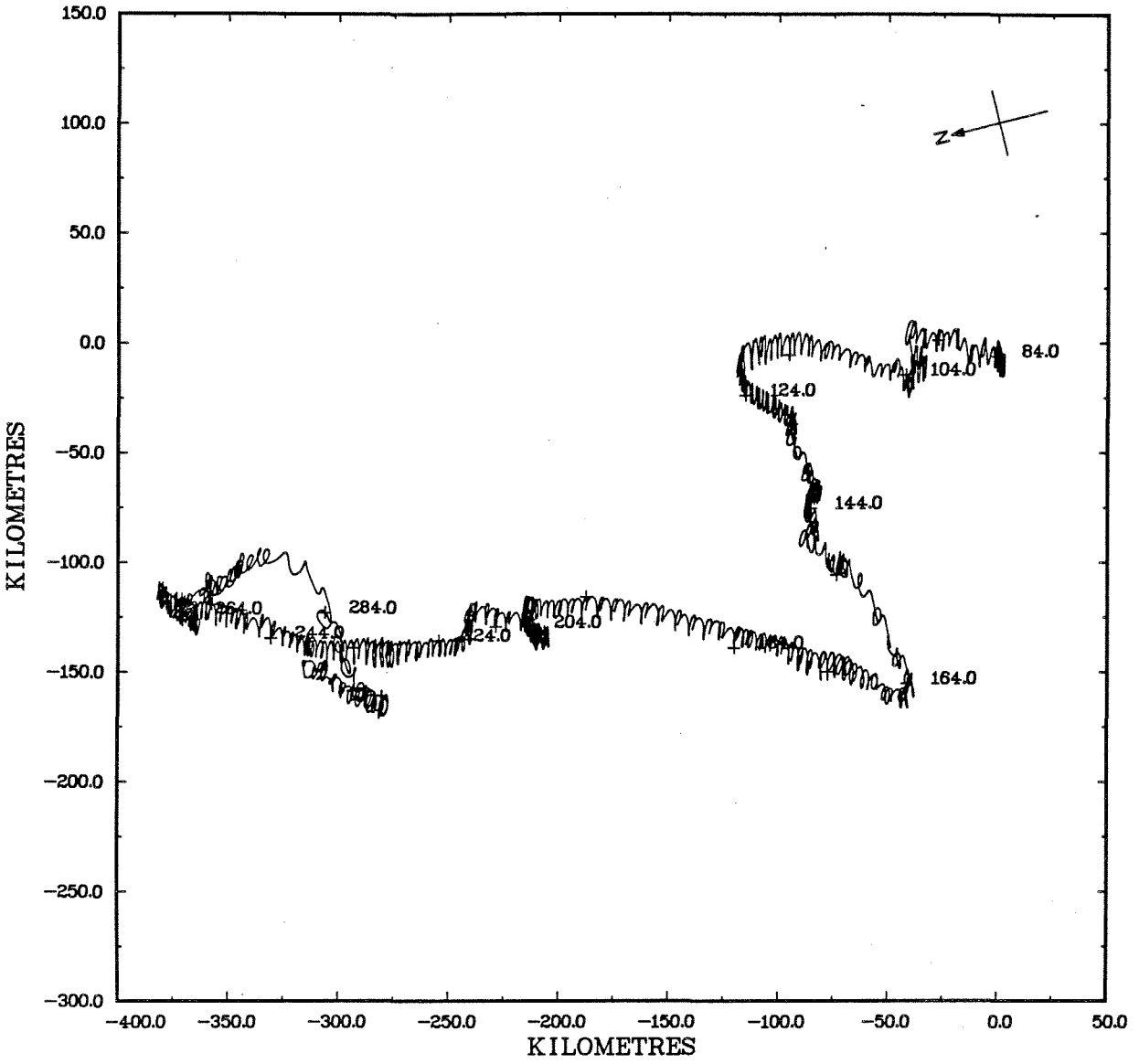
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	6	*										.1		
1.00 TO	1.10	20	*				.0	.0					.3		
.90 TO	1.00	95	*				.8	.1					.9	.0	
.80 TO	.90	234	*				1.9	.3				.0	2.3	.1	
.70 TO	.80	498	*				4.3	.6					3.9	.7	
.60 TO	.70	725	*				6.2	1.1				.0	5.0	1.6	
.50 TO	.60	782	*				5.3	2.2	.0			.1	4.5	2.8	
.40 TO	.50	725	*			.0	3.5	2.4	.1			.2	4.0	3.5	.0
.30 TO	.40	673	*		.0	.3	3.4	2.0	.4	.1	.0	.4	3.0	2.9	.2
.20 TO	.30	653	*	.2	.2	.6	2.2	2.0	.5	.3	.3	.7	2.3	2.5	.8
.10 TO	.20	607	*	.8	.8	1.3	1.0	.9	.8	.8	.6	1.0	.7	1.6	1.2
-.00 TO	.10	208	*	.5	.7	.4		.0	.3	.8	.6	.3	.0	.1	.2
OUT OF RANGE		0	0												
SUB TOTAL		5226	0	84	91	140	1491	606	118	104	74	141	1416	834	127

JOINT DISTRIBUTION (PERCENT)

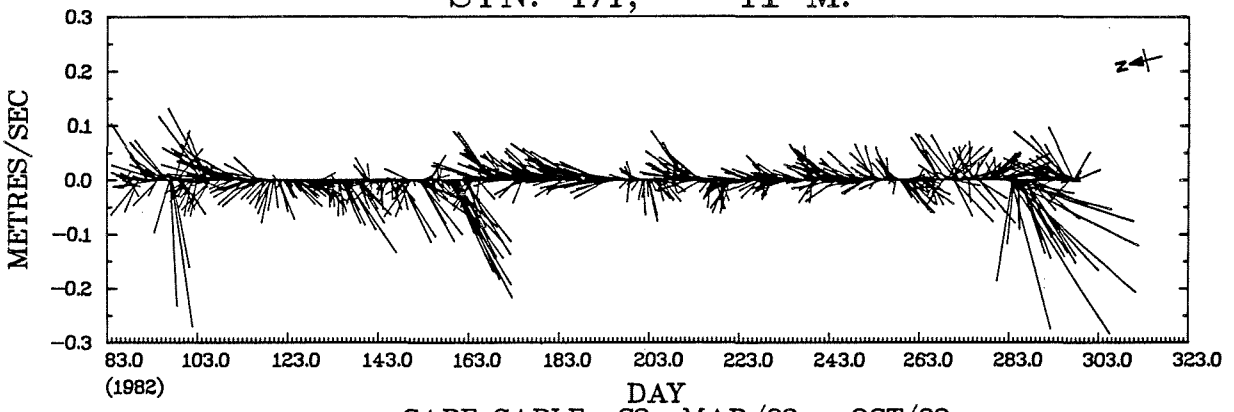
T(474., 31.M.) VS S(474., 31.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	280	*					.0	5.3				
32.50 TO	33.00	1916	*			10.1	.8	21.1	4.7				
32.00 TO	32.50	1191	*		5.1	6.9	5.1	5.6	.1				
31.50 TO	32.00	1097	*	2.1	2.7	5.3	5.3	3.1	2.3	.1			
31.00 TO	31.50	697	*	.1		.0	7.1	.5	1.7	3.6	.3		
30.50 TO	31.00	44	*					.0	.0	.2	.6		
30.00 TO	30.50	1	*						.0				
OUT OF RANGE		0	0										
SUB TOTAL		5226	0	119	409	1166	952	1593	742	199	46		

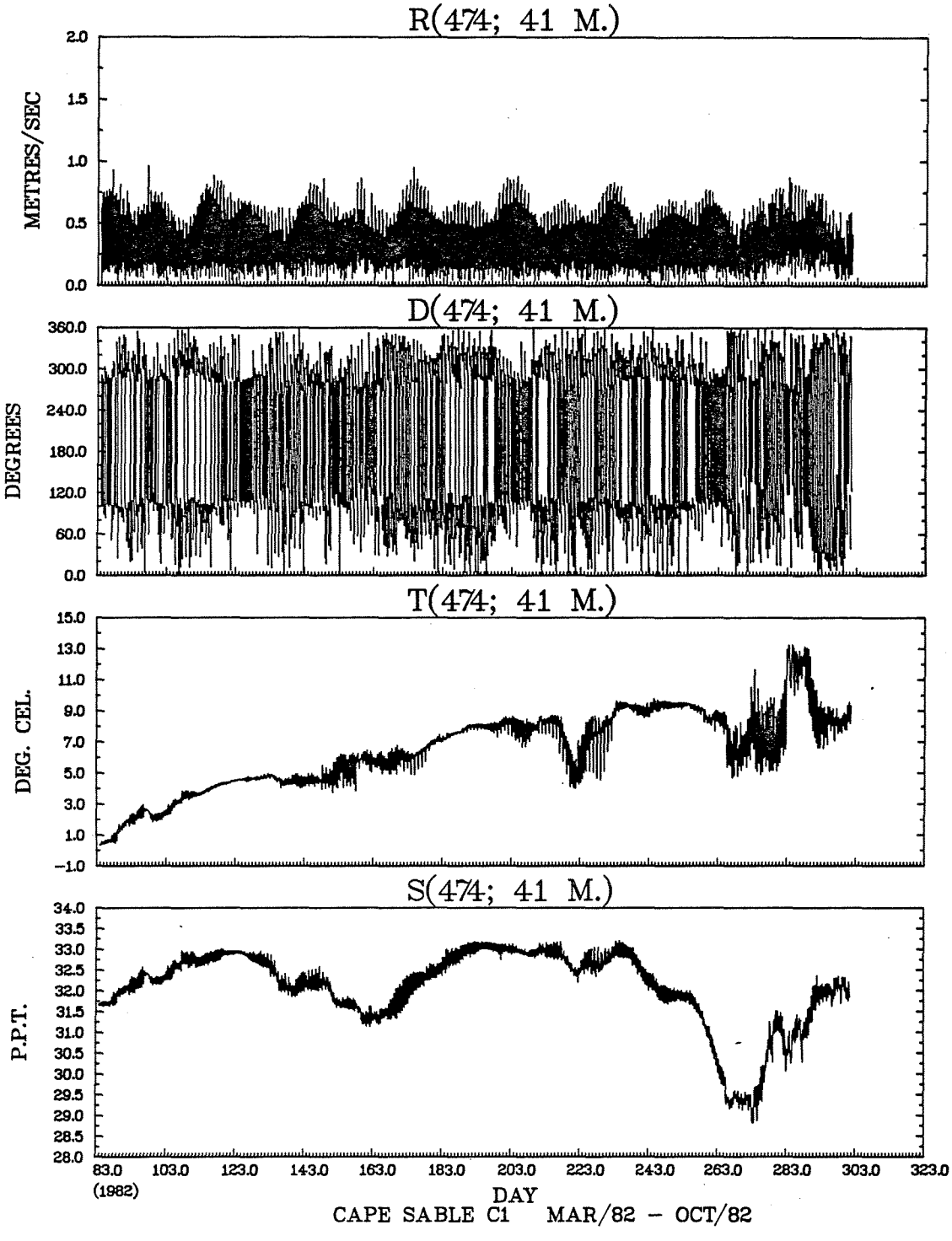
STN. 474, 41 M.

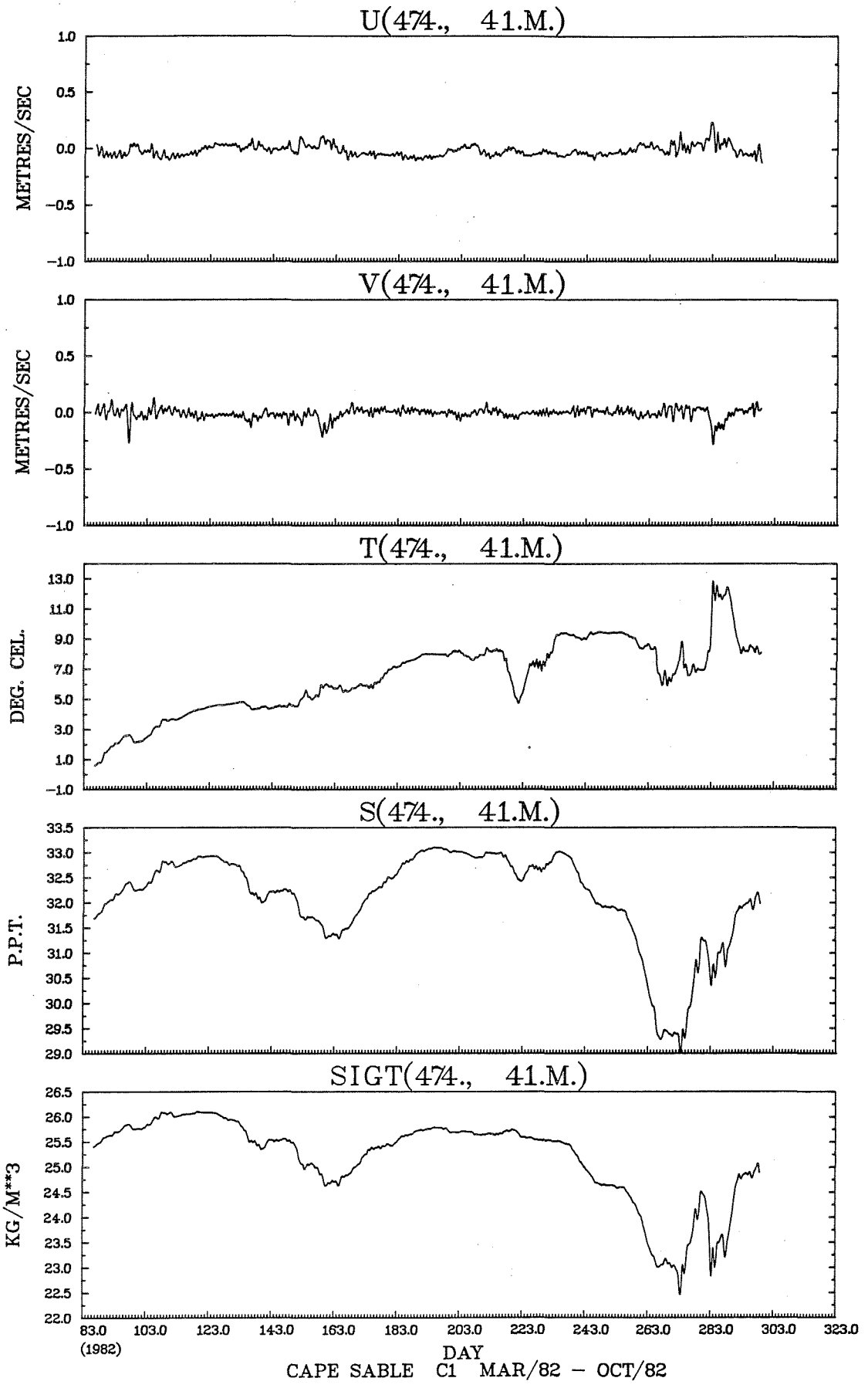


STN. 474, 41 M.



CAPE SABLE C2 MAR/82 - OCT/82


R(474; 41 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(474; 41 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(474; 41 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(474; 41 M.)
P.P.T.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82


U(474., 41.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(474., 41.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(474., 41.M.)
DEG. CEL.
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(474., 41.M.)
P.P.T.
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
SIGT(474., 41.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
83.0 103.0 123.0 143.0 163.0 183.0 203.0 223.0 243.0 263.0 283.0 303.0 323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82

JOINT DISTRIBUTION (PERCENT)

D(474., 41.M.) VS R(474., 41.M.)

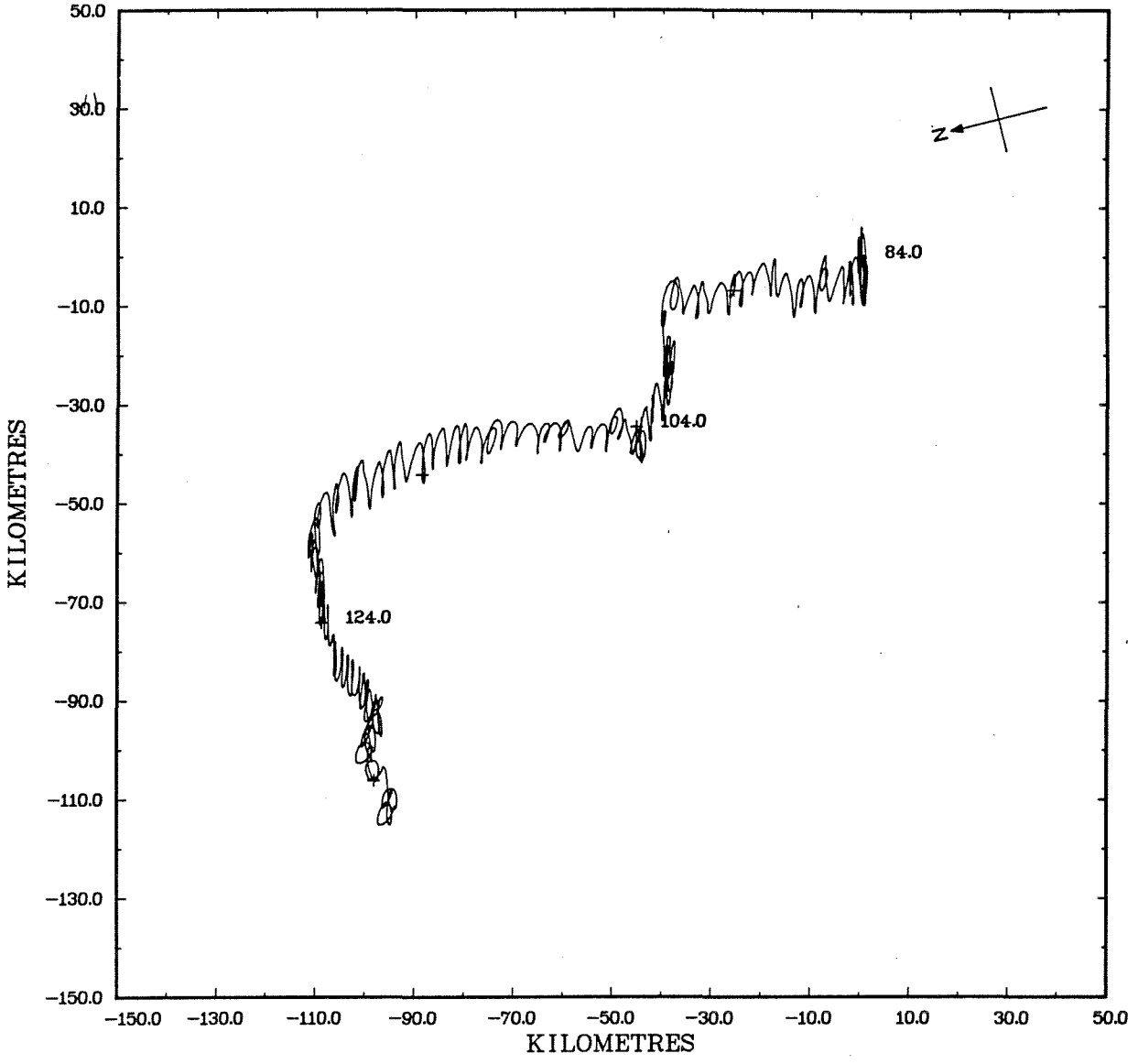
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	4	*				.0						.0		
.80 TO	.90	47	*				.4					.1	.4		
.70 TO	.80	171	*				1.6	.2				.1	1.5		
.60 TO	.70	530	*			.0	4.3	.5	.0			.1	5.1	.1	
.50 TO	.60	881	*			.3	7.5	.6	.1	.0		.3	7.0	1.1	
.40 TO	.50	991	*		.0	.6	7.1	1.0	.1		.0	.4	6.6	3.0	.0
.30 TO	.40	864	*	.1	.1	1.1	4.8	1.7	.2	.1	.1	.6	4.2	2.9	.5
.20 TO	.30	786	*	.4	.5	1.8	2.5	1.6	.5	.2	.2	1.0	2.9	2.1	1.3
.10 TO	.20	709	*	.9	1.1	1.6	1.0	1.5	.7	.6	.7	1.5	1.3	1.4	1.3
-.00 TO	.10	243	*	.5	.5	.3	.0	.2	.5	.7	.7	.4	.0	.2	.5
OUT OF RANGE		0	0												
SUB TOTAL		5226	0	100	117	301	1538	380	109	86	88	242	1517	559	189

JOINT DISTRIBUTION (PERCENT)

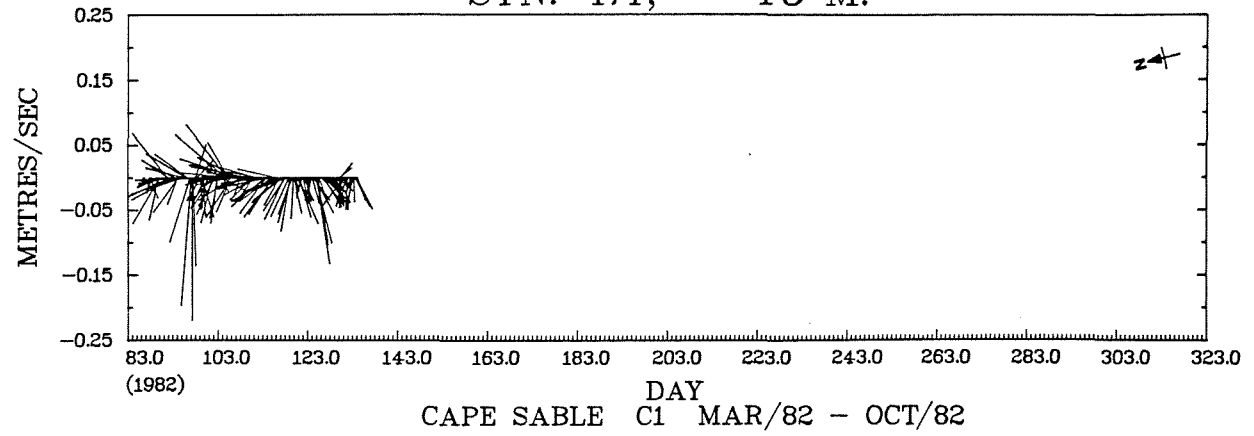
T(474., 41.M.) VS S(474., 41.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
33.50 TO	34.00		*										
33.00 TO	33.50	454	*			.0	.0	7.3	1.3				
32.50 TO	33.00	1628	*		.3	13.7	2.3	12.7	2.2				
32.00 TO	32.50	1281	*		6.3	7.5	4.2	4.0	2.4				
31.50 TO	32.00	909	*	2.2	1.1	2.4	4.7	1.7	5.3				
31.00 TO	31.50	377	*				4.1	1.2	1.1	.8			
30.50 TO	31.00	179	*				.4	1.1	.4	1.3	.2		
30.00 TO	30.50	109	*				.4	1.0	.2	.3	.2		
29.50 TO	30.00	90	*			.0	.8	.9	.0				
29.00 TO	29.50	189	*			.2	1.8	1.4	.2				
28.50 TO	29.00	10	*				.0	.0	.1	.0			
28.00 TO	28.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		5226	0	113	401	1247	989	1638	692	128	18		

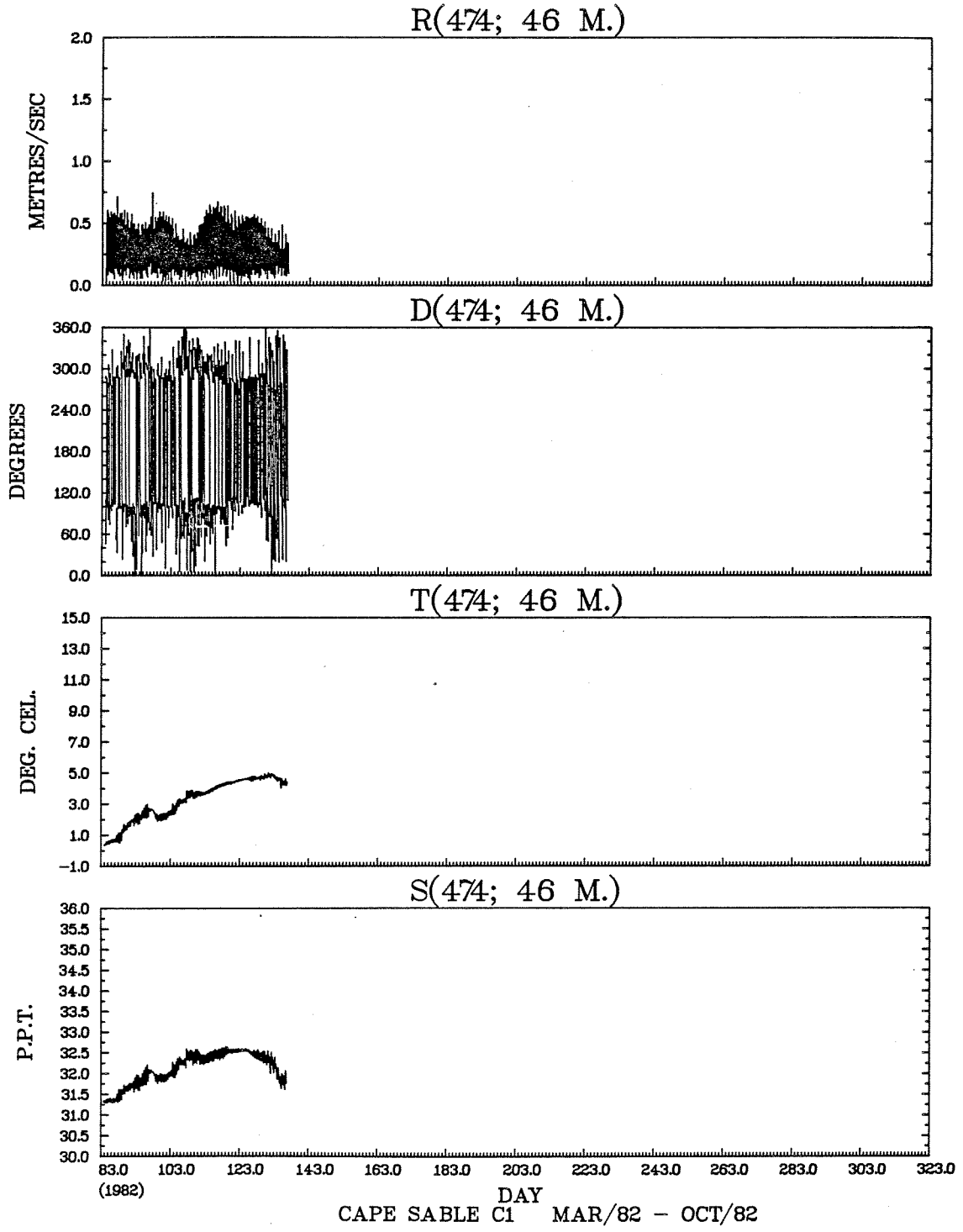
STN. 474, 46 M.

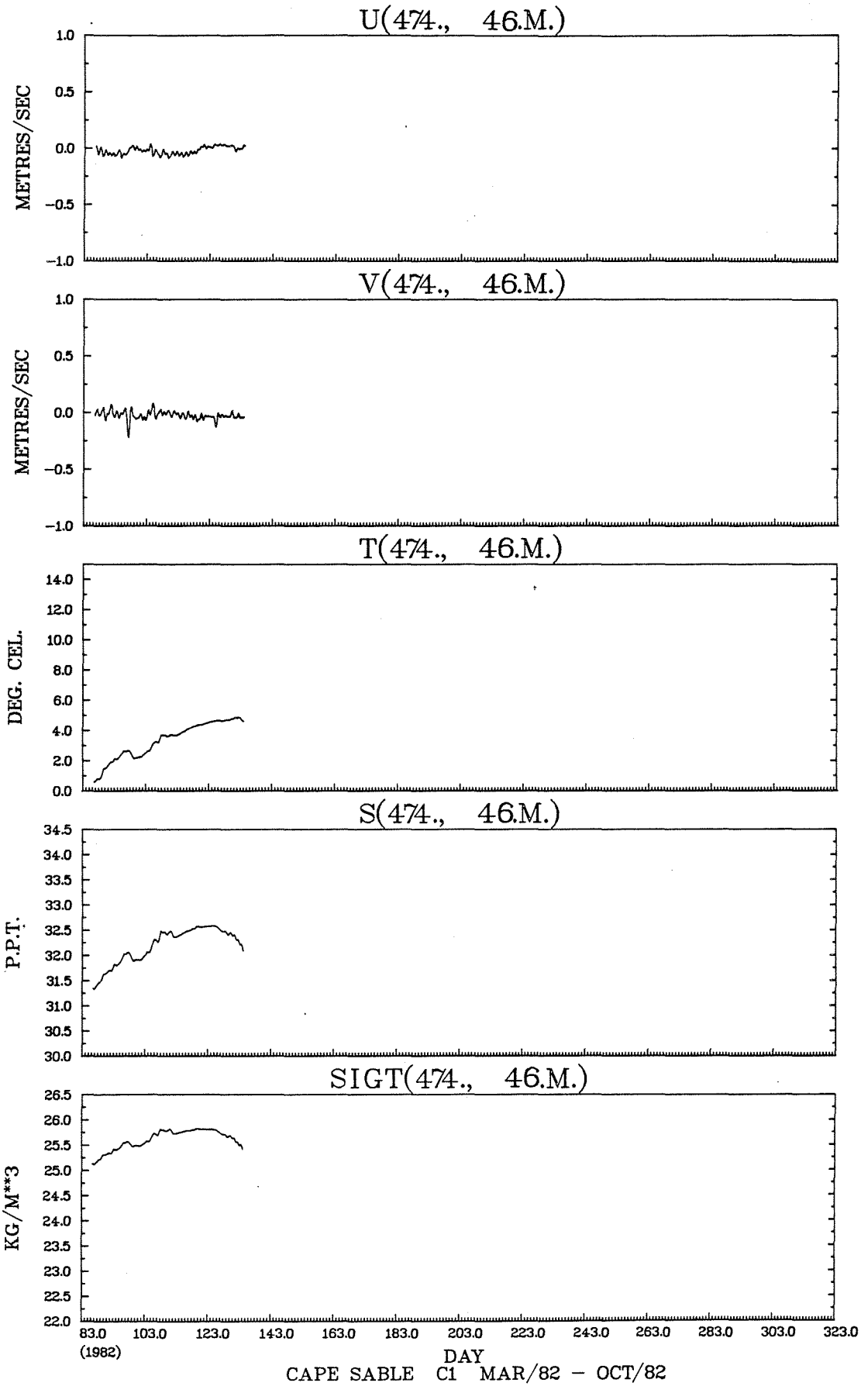


STN. 474, 46 M.



CAPE SABLE C1 MAR/82 - OCT/82


R(474; 46 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(474; 46 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(474; 46 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(474; 46 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82


U(474., 46.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(474., 46.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(474., 46.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(474., 46.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(474., 46.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE C1 MAR/82 − OCT/82

JOINT DISTRIBUTION (PERCENT)

D(474., 46.M.) VS R(474., 46.M.)

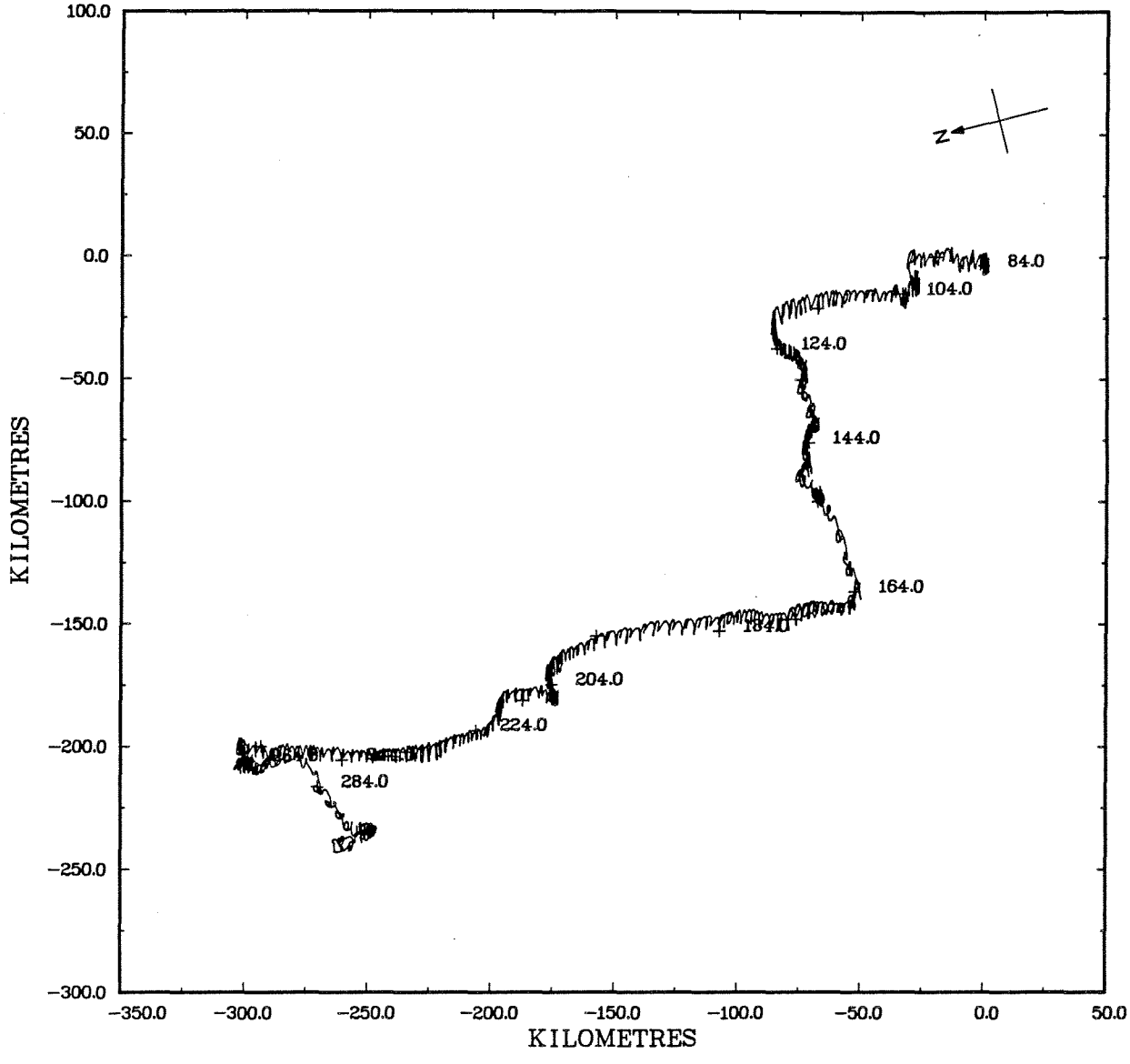
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	3	*				.1						.2		
.60 TO	.70	22	*			.1	.6						1.1		
.50 TO	.60	151	*				4.4						7.4	.1	
.40 TO	.50	238	*			.3	7.6					.1	9.8	.9	
.30 TO	.40	289	*			.8	10.2	.9				.3	7.4	3.1	.1
.20 TO	.30	239	*			1.4	5.9	2.4	.3	.1		.7	4.4	3.2	.4
.10 TO	.20	234	*	.9	.9	2.4	2.6	2.0	.7	.2	.7	1.7	2.4	2.4	1.6
-.00 TO	.10	95	*	.6	1.3	.5	.2	.5	.9	1.0	.6	.6	.3	.2	.6
OUT OF RANGE		0	0												
SUB TOTAL		1271	0	20	29	69	402	72	25	16	17	43	419	125	34

JOINT DISTRIBUTION (PERCENT)

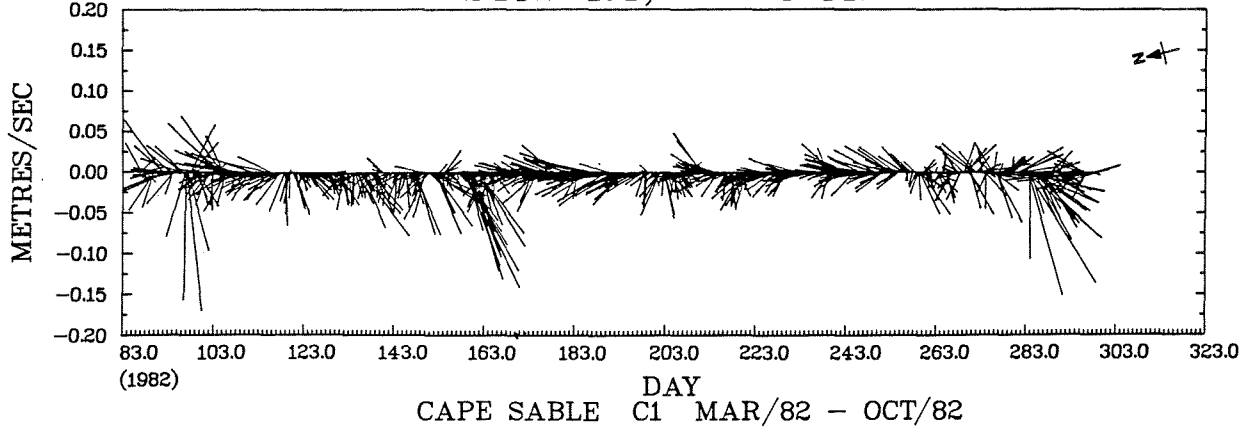
T(474., 46.M.) VS S(474., 46.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	319	*			25.0	.1						
32.00 TO	32.50	487	*		7.6	30.7							
31.50 TO	32.00	353	*	.1	23.5	4.2							
31.00 TO	31.50	112	*	8.7	.2								
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1271	0	111	398	761	1						

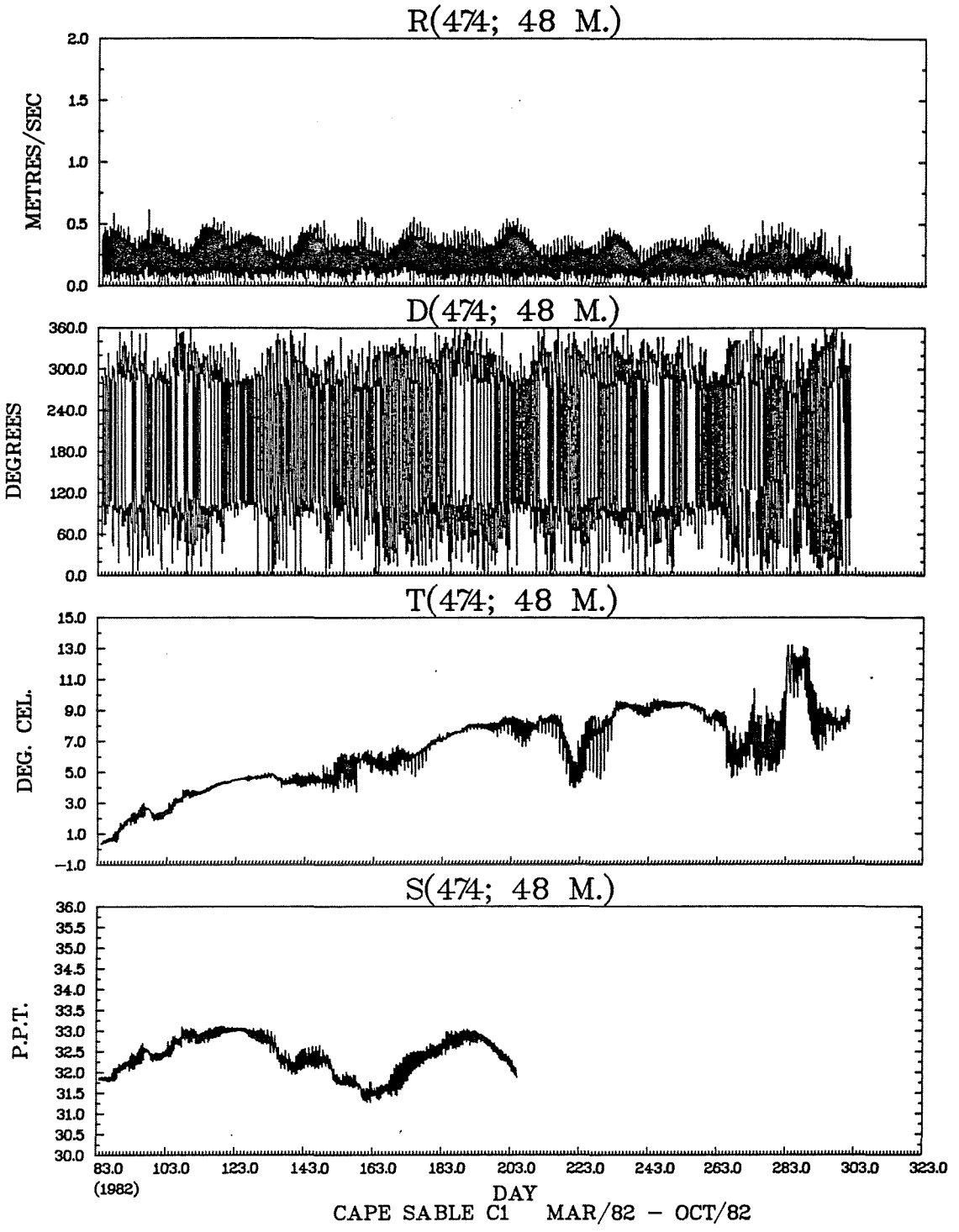
STN. 474, 48 M.

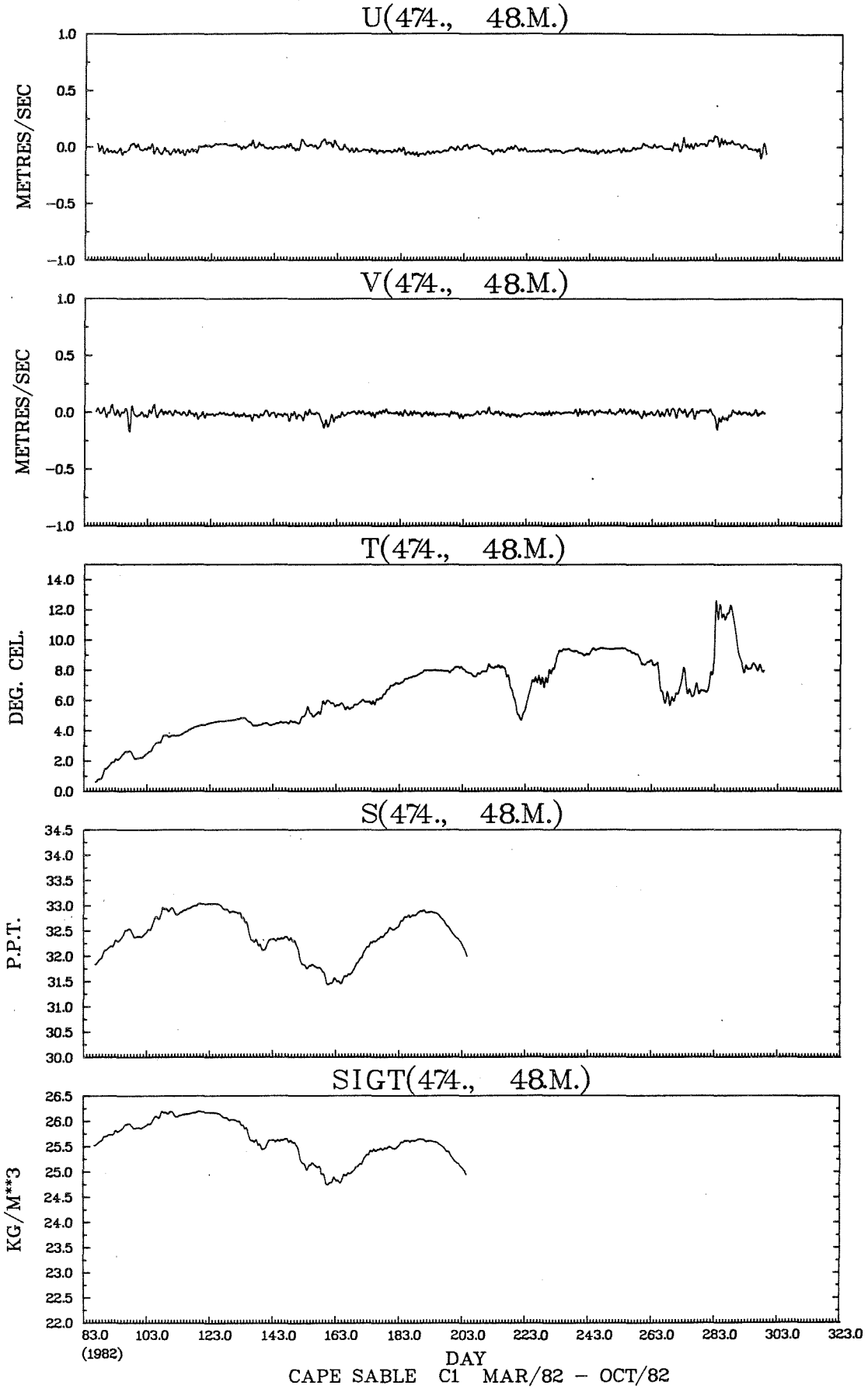


STN. 474, 48 M.



CAPE SABLE C1 MAR/82 - OCT/82


R(474; 48 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(474; 48 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(474; 48 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(474; 48 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE C1 MAR/82 - OCT/82


U(474., 48.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(474., 48.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(474., 48.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(474., 48.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(474., 48.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C1 MAR/82 - OCT/82

JOINT DISTRIBUTION (PERCENT)

D(474., 48.M.) VS R(474., 48.M.)

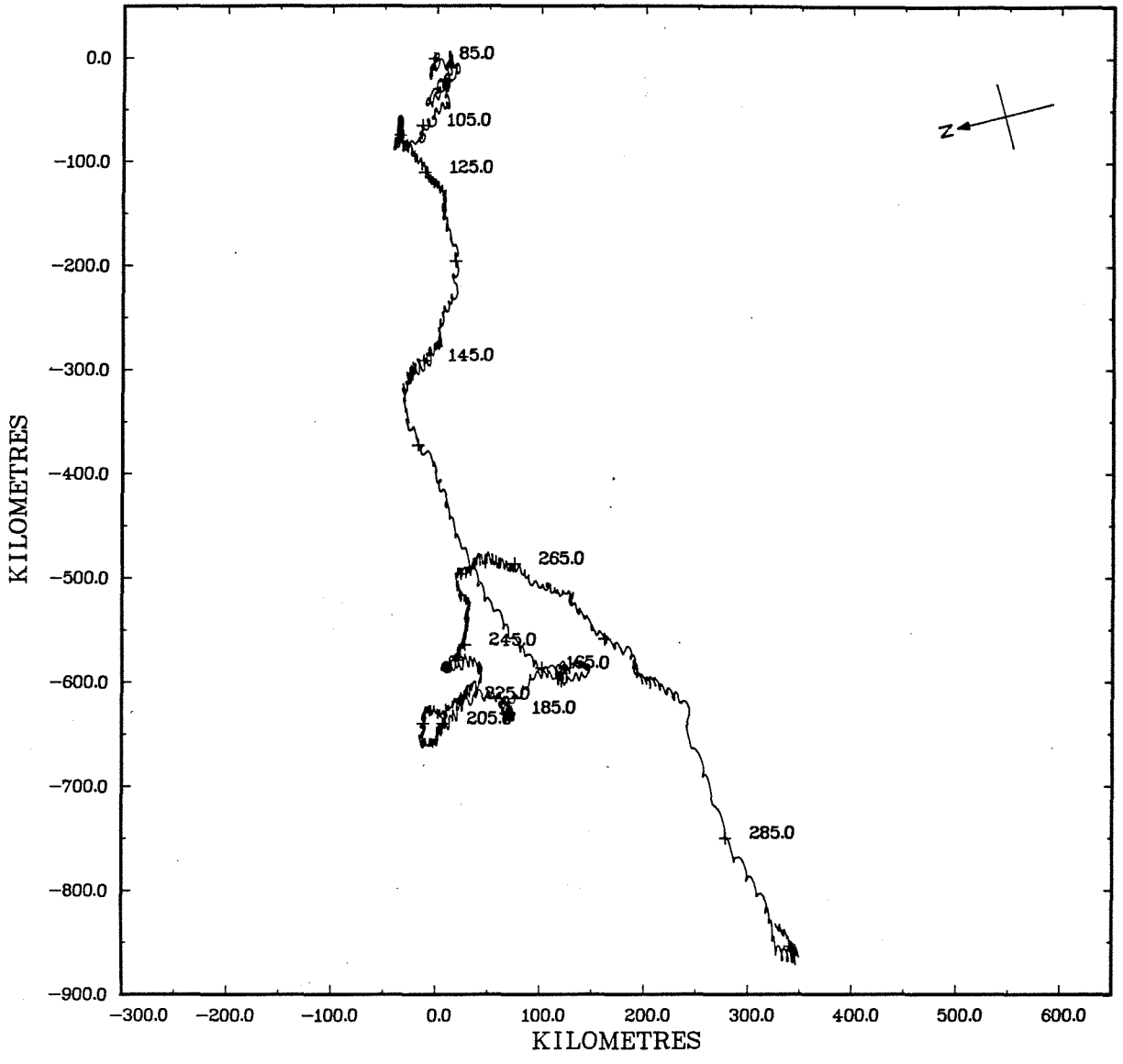
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80		*												
.60 TO	.70	1	*										.0		
.50 TO	.60	31	*				.2	.1					.3		
.40 TO	.50	378	*			.2	2.7	.3	.0			.2	3.8	.1	
.30 TO	.40	1125	*			.8	8.6	.7	.1	.0		.4	9.8	1.2	
.20 TO	.30	1661	*		.0	2.5	10.3	2.0	.5	.1	.2	.9	10.1	4.9	.3
.10 TO	.20	1421	*	1.0	1.7	3.4	4.3	2.5	.8	.5	.9	2.1	4.3	3.8	1.8
-.00 TO	.10	609	*	1.3	1.3	1.1	.3	.9	1.0	.9	1.0	1.2	.5	1.1	1.1
OUT OF RANGE		0	0												
SUB TOTAL		5226	0	124	159	421	1374	328	125	80	112	245	1508	582	168

JOINT DISTRIBUTION (PERCENT)

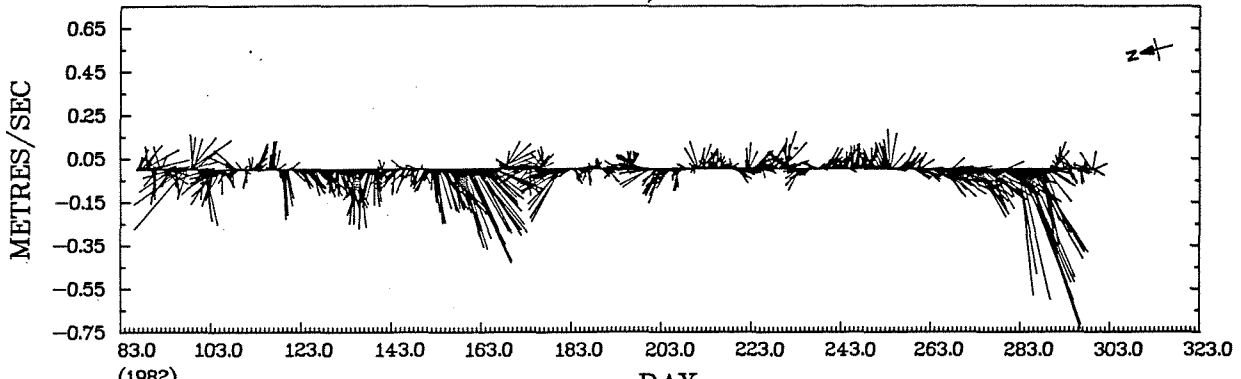
T(474., 48.M.) VS S(474., 48.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	253	*			8.4		.3					
32.50 TO	33.00	1061	*		2.6	17.9	1.2	14.8					
32.00 TO	32.50	990	*		10.9	11.8	6.7	4.6					
31.50 TO	32.00	508	*	3.9	.0	3.0	10.2	.4					
31.00 TO	31.50	94	*				3.2						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		2906	0	113	396	1195	617	585					

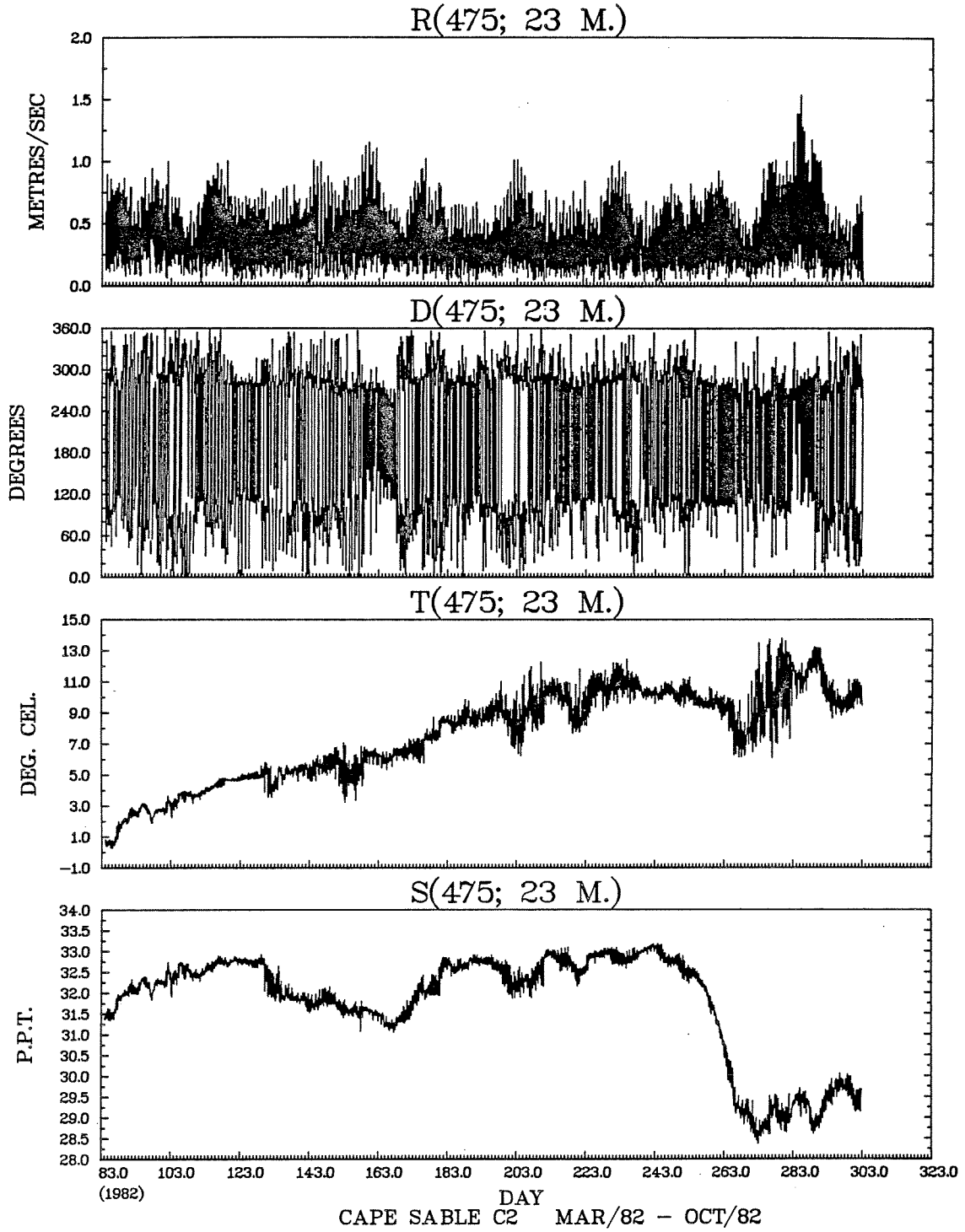
STN. 475, 23 M.

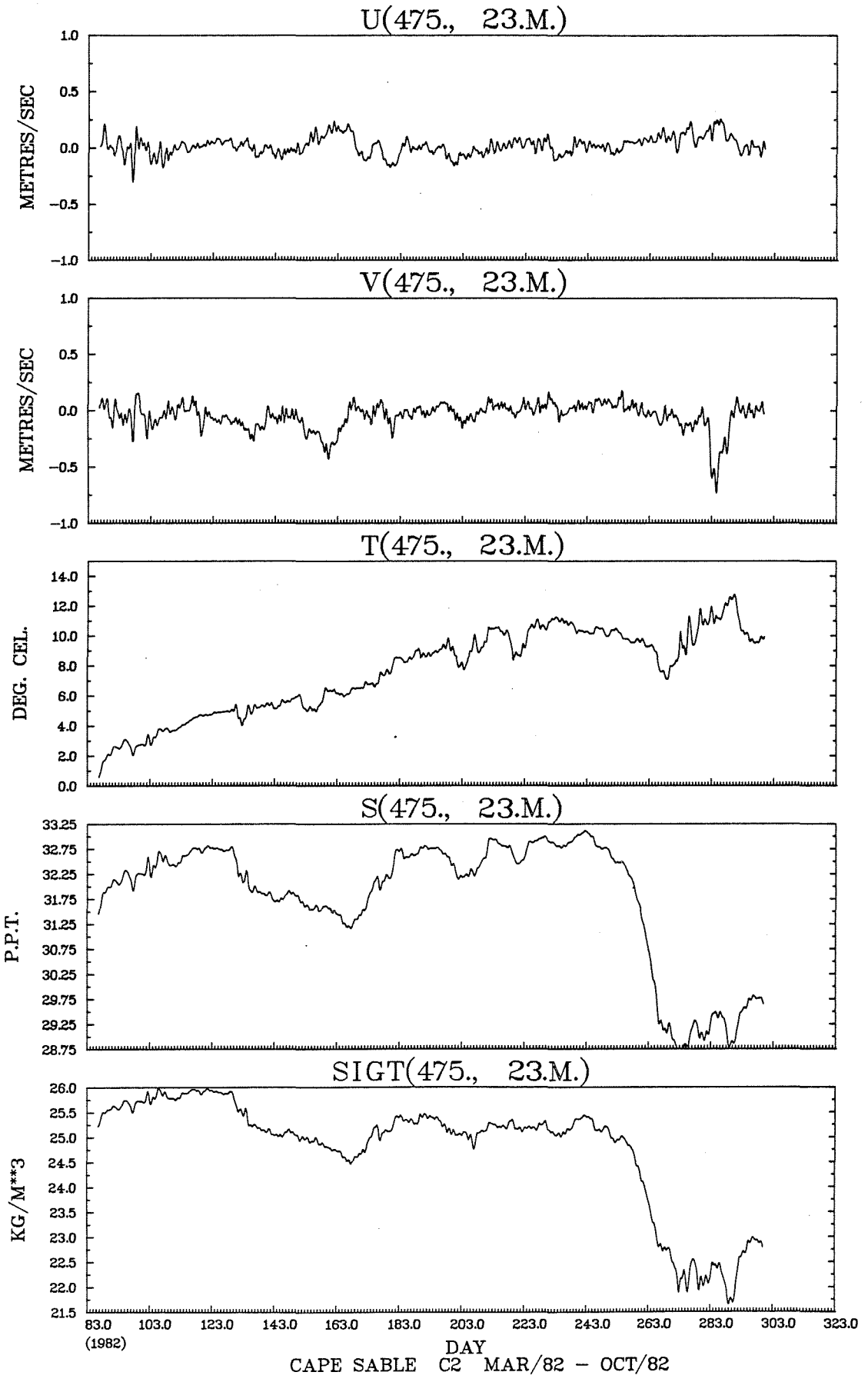


STN. 475, 23 M.



CAPE SABLE C2 MAR/82 – OCT/82


R(475; 23 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(475; 23 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(475; 23 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(475; 23 M.)
P.P.T.
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
29.5
29.0
28.5
28.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C2 MAR/82 - OCT/82


U(475., 23.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(475., 23.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(475., 23.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(475., 23.M.)
P.P.T.
33.25
32.75
32.25
31.75
31.25
30.75
30.25
29.75
29.25
28.75
SIGT(475., 23.M.)
KG/M**3
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
21.5
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C2 MAR/82 - OCT/82

JOINT DISTRIBUTION (PERCENT)

D(475., 23.M.) VS R(475., 23.M.)

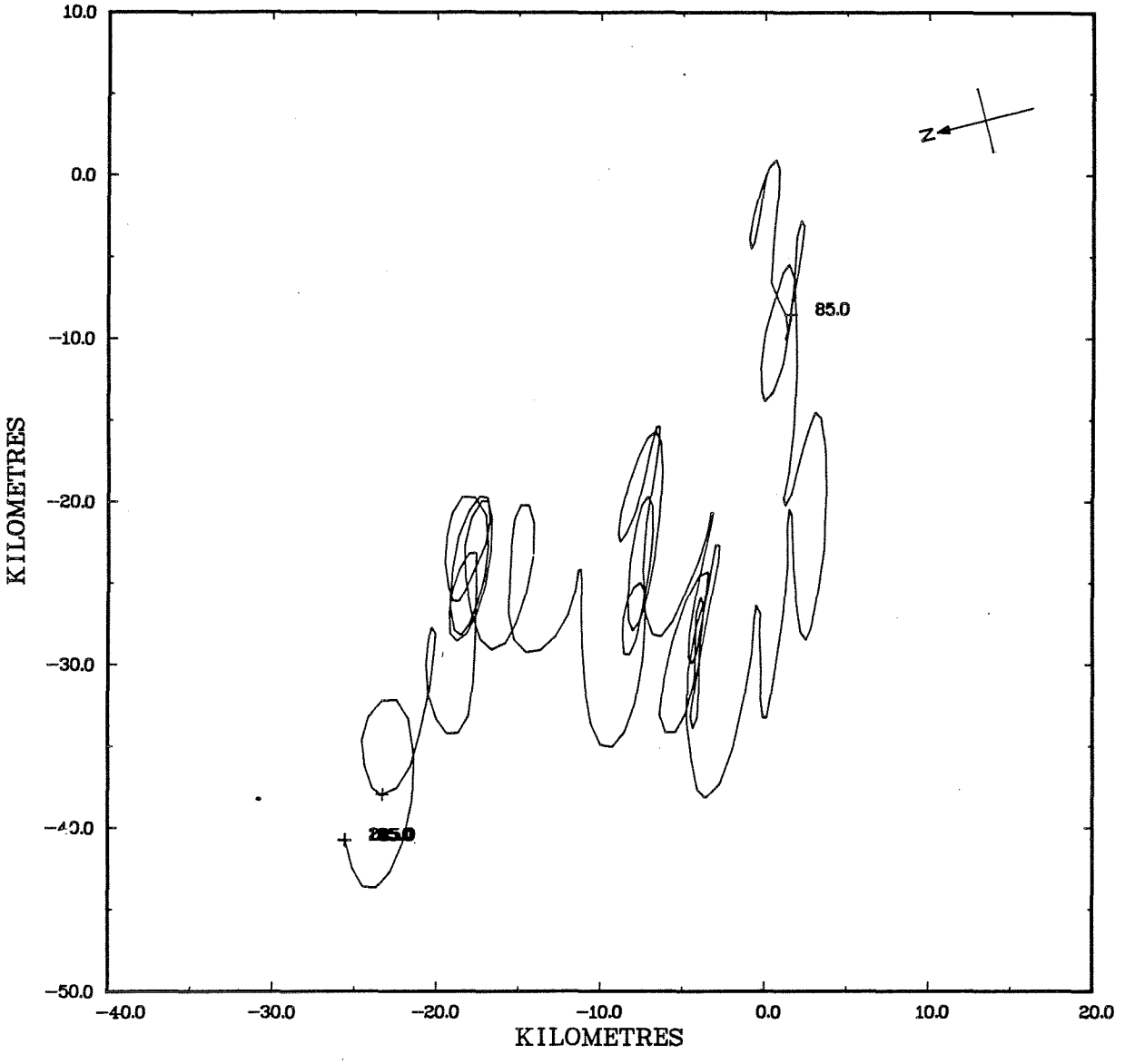
DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	1	*										.0		
1.40 TO	1.50		*												
1.30 TO	1.40	4	*									.0	.0		
1.20 TO	1.30	7	*									.1	.0		
1.10 TO	1.20	13	*									.1	.2		
1.00 TO	1.10	28	*			.0	.0					.1	.4		
.90 TO	1.00	52	*				.2					.3	.5	.0	
.80 TO	.90	124	*			.1	.6				.0	.3	1.2	.0	
.70 TO	.80	249	*			.4	1.4	.0				.5	2.4	.1	
.60 TO	.70	428	*			.6	2.4	.3		.0	.0	.7	4.0	.2	.0
.50 TO	.60	638	*		.0	1.0	4.2	.6	.0		.0	1.2	4.5	.6	
.40 TO	.50	865	*		.1	1.4	5.5	1.2	.1	.0	.1	1.6	5.2	1.2	.1
.30 TO	.40	1042	*	.0	.3	2.1	4.7	2.5	.3	.2	.3	2.1	5.5	1.6	.2
.20 TO	.30	948	*	.4	.5	1.8	3.1	2.3	1.0	.6	.6	2.0	3.4	1.6	.6
.10 TO	.20	686	*	.8	.8	1.1	.9	1.7	1.1	1.1	1.1	1.4	1.1	1.0	.8
-.00 TO	.10	167	*	.4	.2	.2	.1	.2	.4	.4	.4	.2	.2	.1	.2
OUT OF RANGE		0	0												
SUB TOTAL		5252	0	85	107	453	1214	462	158	125	141	559	1504	339	105

JOINT DISTRIBUTION (PERCENT)

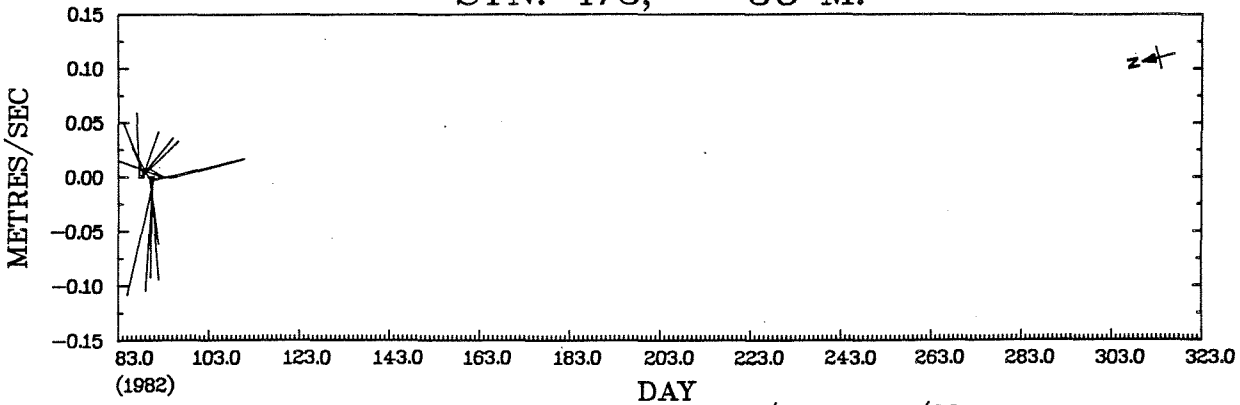
T(475., 23.M.) VS S(475., 23.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
33.50 TO	34.00		*										
33.00 TO	33.50	173	*						3.3				
32.50 TO	33.00	1821	*			9.1	1.3	7.4	14.0	3.0			
32.00 TO	32.50	1025	*		4.5	4.2	1.7	4.5	4.5	.1			
31.50 TO	32.00	914	*	.6	2.0	2.5	10.1	1.1	1.1	.1			
31.00 TO	31.50	341	*	.9		.0	4.6	.2	.8				
30.50 TO	31.00	38	*					.1	.6				
30.00 TO	30.50	36	*					.2	.5				
29.50 TO	30.00	237	*				.1	.5	3.7	.3			
29.00 TO	29.50	413	*				.5	1.9	2.8	2.7			
28.50 TO	29.00	249	*				.1	1.0	1.1	1.9	.6		
28.00 TO	28.50	5	*						.0	.1	.0		
OUT OF RANGE		0	0										
SUB TOTAL		5252	0	83	341	829	957	890	1697	425	30		

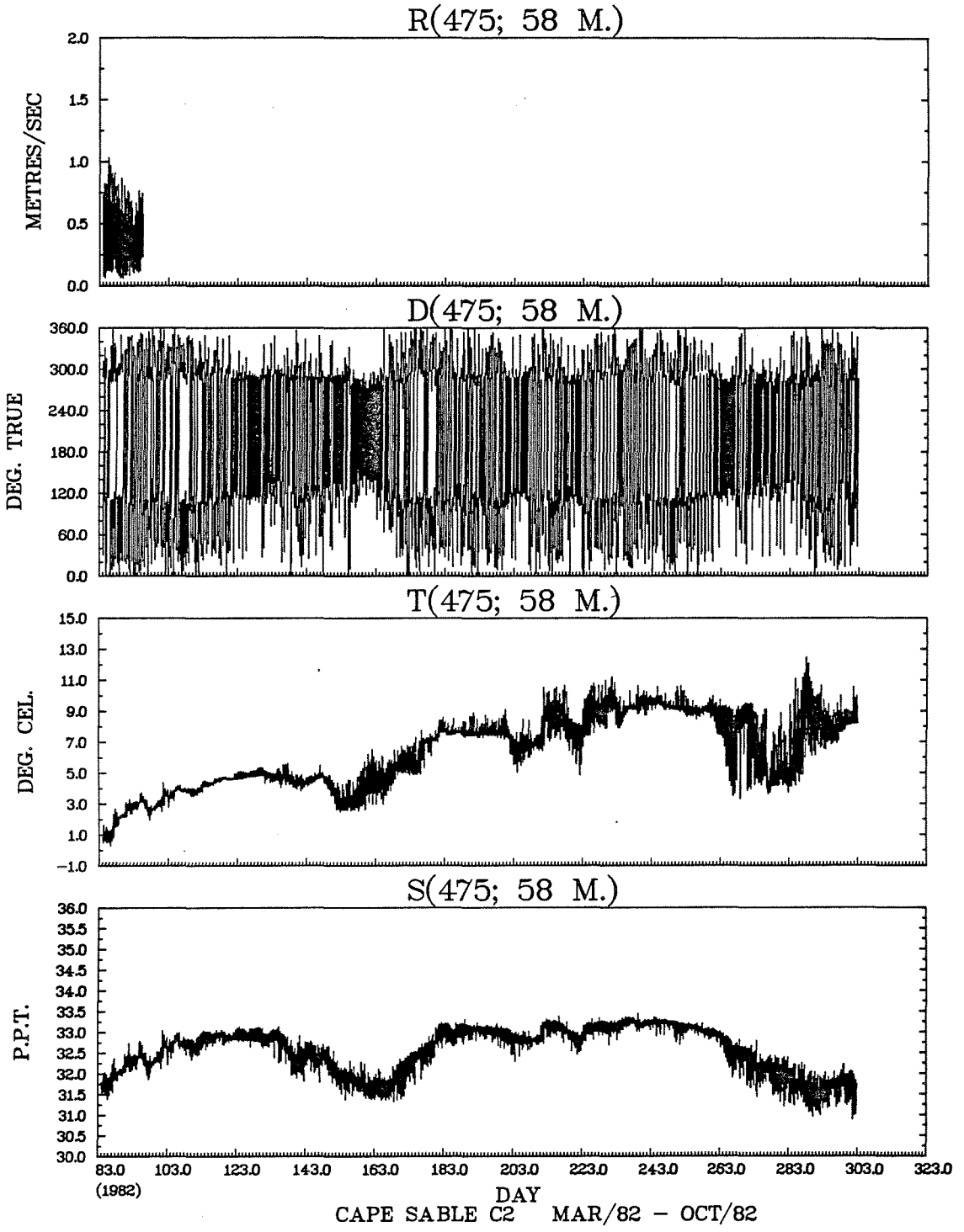
STN. 475, 58 M.

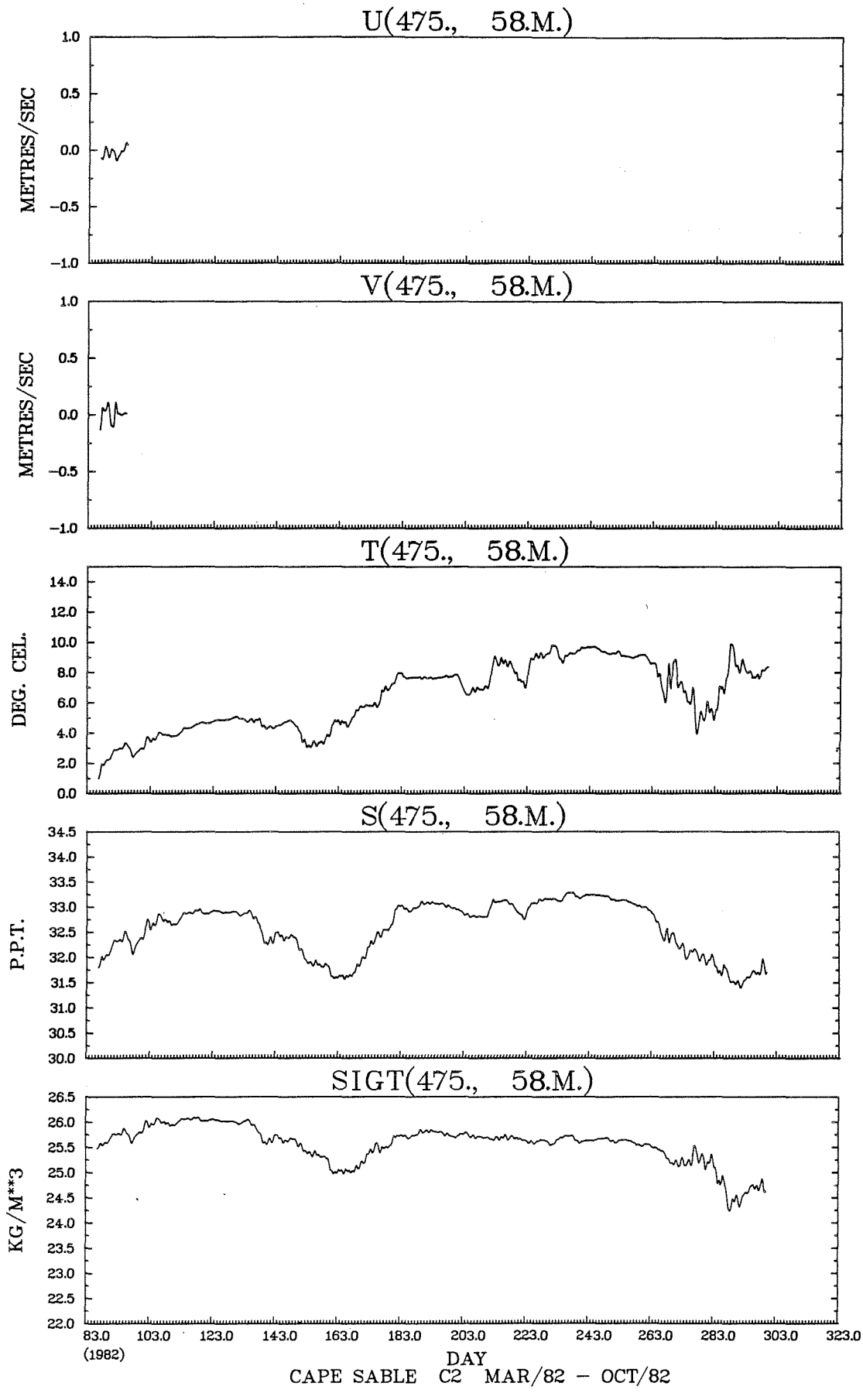


STN. 475, 58 M.



CAPE SABLE C2 MAR/82 - OCT/82


R(475; 58 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(475; 58 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(475; 58 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(475; 58 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
83.0
(1982)
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
DAY
CAPE SABLE C2 MAR/82 - OCT/82


U(475., 58.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(475., 58.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(475., 58.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(475., 58.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(475., 58.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C2 MAR/82 − OCT/82

JOINT DISTRIBUTION (PERCENT)

D(475., 58.M.) VS R(475., 58.M.)

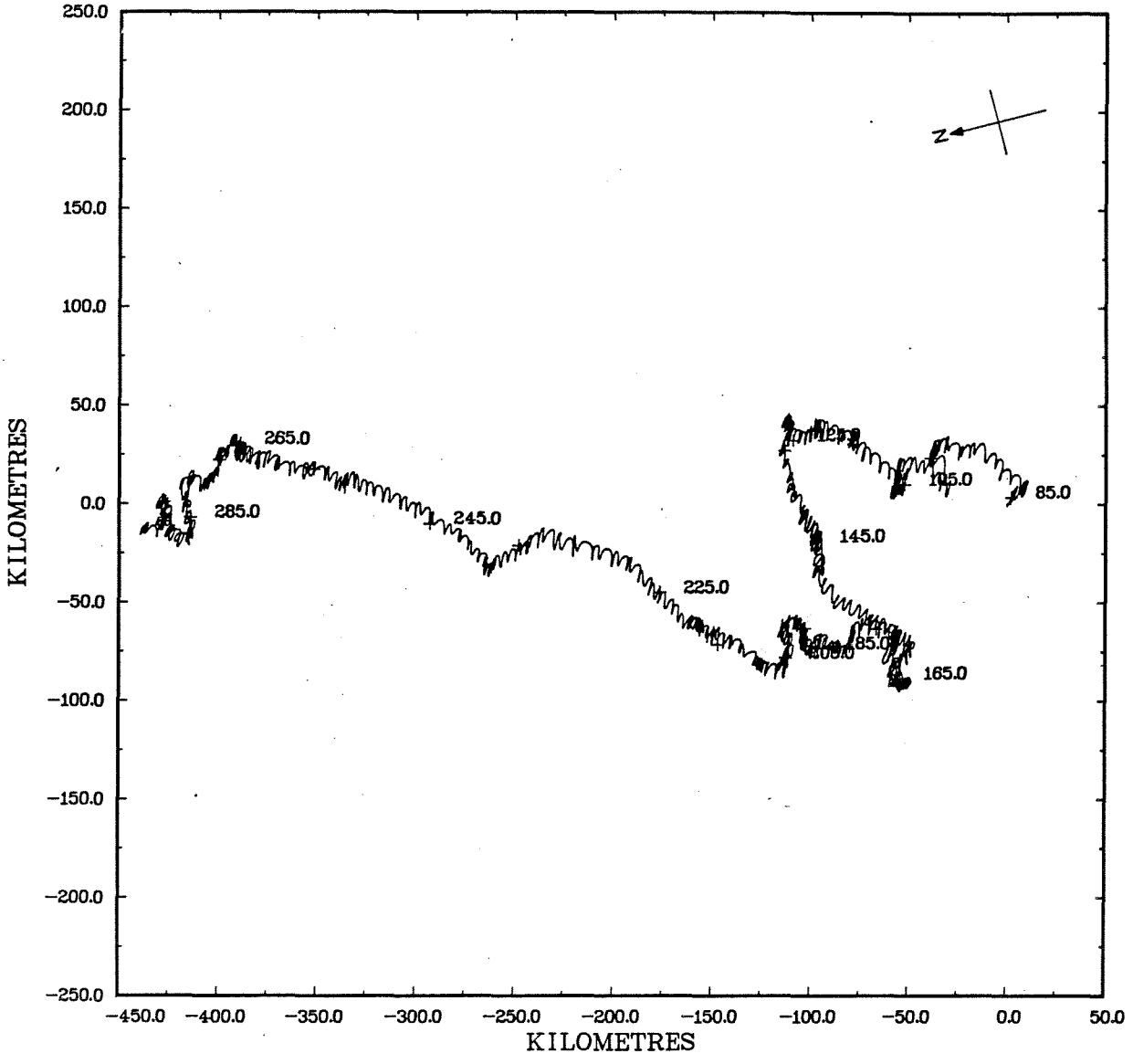
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10	1	*										.4		
.90 TO	1.00	1	*										.4		
.80 TO	.90	9	*				1.1						2.2		
.70 TO	.80	17	*				1.1	.4					4.7		
.60 TO	.70	30	*				4.3						5.7	.7	
.50 TO	.60	47	*			.4	6.5	.7				.4	6.8	2.2	
.40 TO	.50	46	*			.7	7.5	1.4					3.9	2.9	
.30 TO	.40	46	*			2.2	4.7	2.5				.7	2.9	3.2	.4
.20 TO	.30	34	*	1.1	1.1	.7	1.8	1.1		.7		.7	1.8	2.2	1.1
.10 TO	.20	42	*	1.1	.7	3.2	1.1	1.8	1.1	1.4	.4	2.2	.4	1.8	
-.00 TO	.10	6	*	1.8											.4
OUT OF RANGE		0	0												
SUB TOTAL		279	0	11	5	20	78	22	3	6	1	11	81	36	5

JOINT DISTRIBUTION (PERCENT)

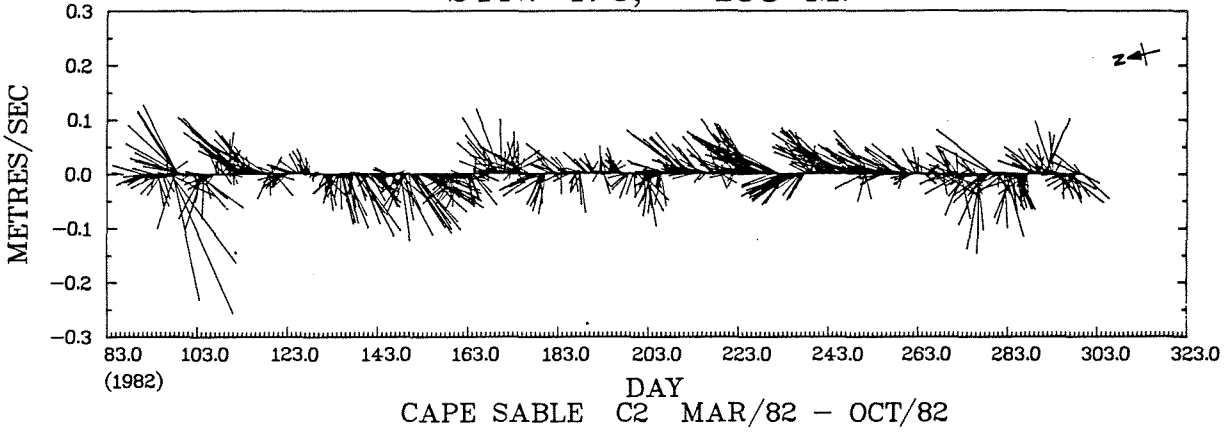
T(475., 58.M.) VS S(475., 58.M.)

P.P.T. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00		*										
33.00 TO 33.50	1381	*			.2	.9	10.6	14.5	.0			
32.50 TO 33.00	1738	*			15.4	4.8	10.4	2.5				
32.00 TO 32.50	1024	*		4.8	9.6	3.4	1.7	.1				
31.50 TO 32.00	968	*	.7	2.1	5.5	4.3	5.4	.4	.0			
31.00 TO 31.50	141	*	.0		.0	.5	1.0	1.1	.1			
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	5252	0	39	364	1614	729	1523	977	6			

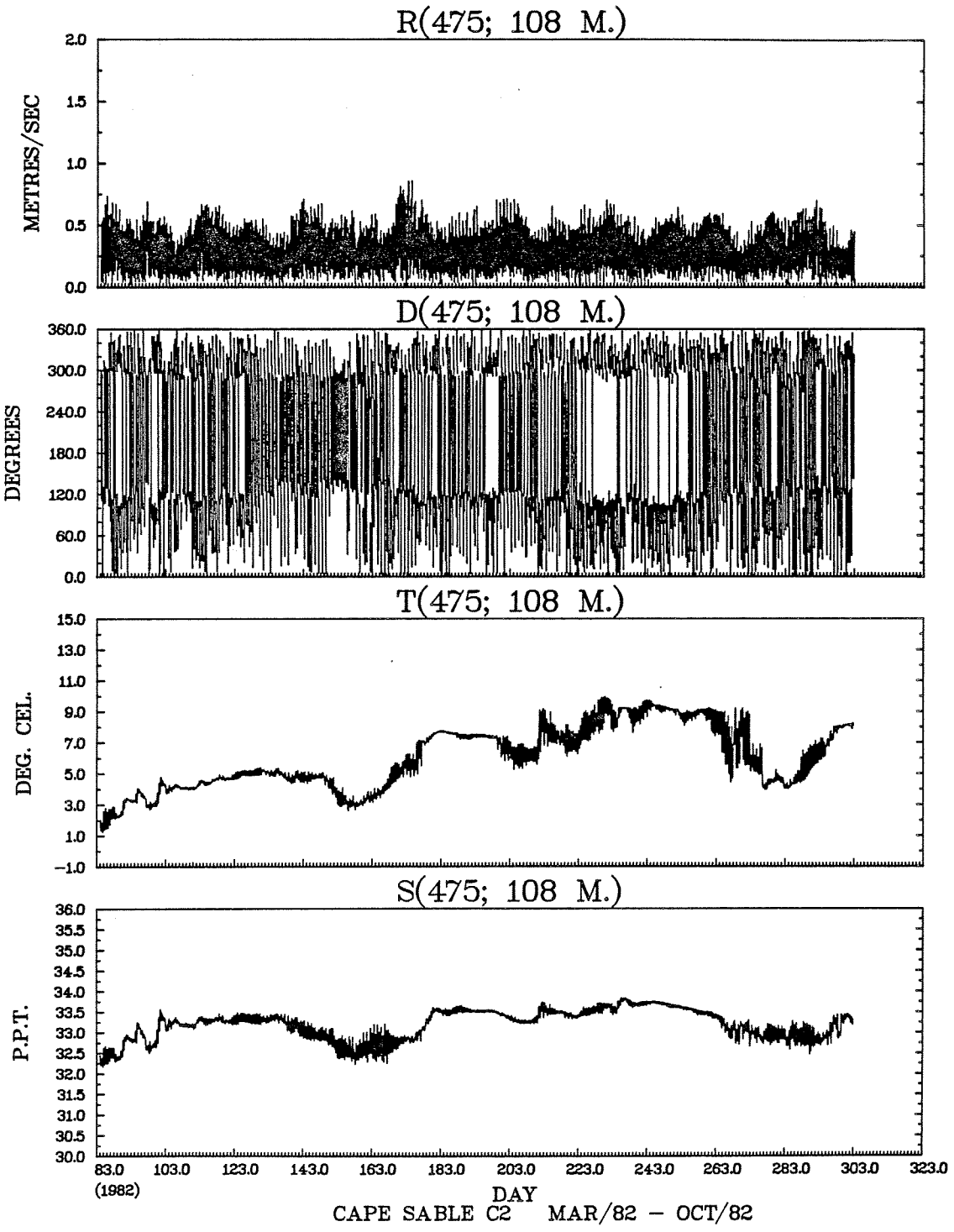
STN. 475, 108 M.

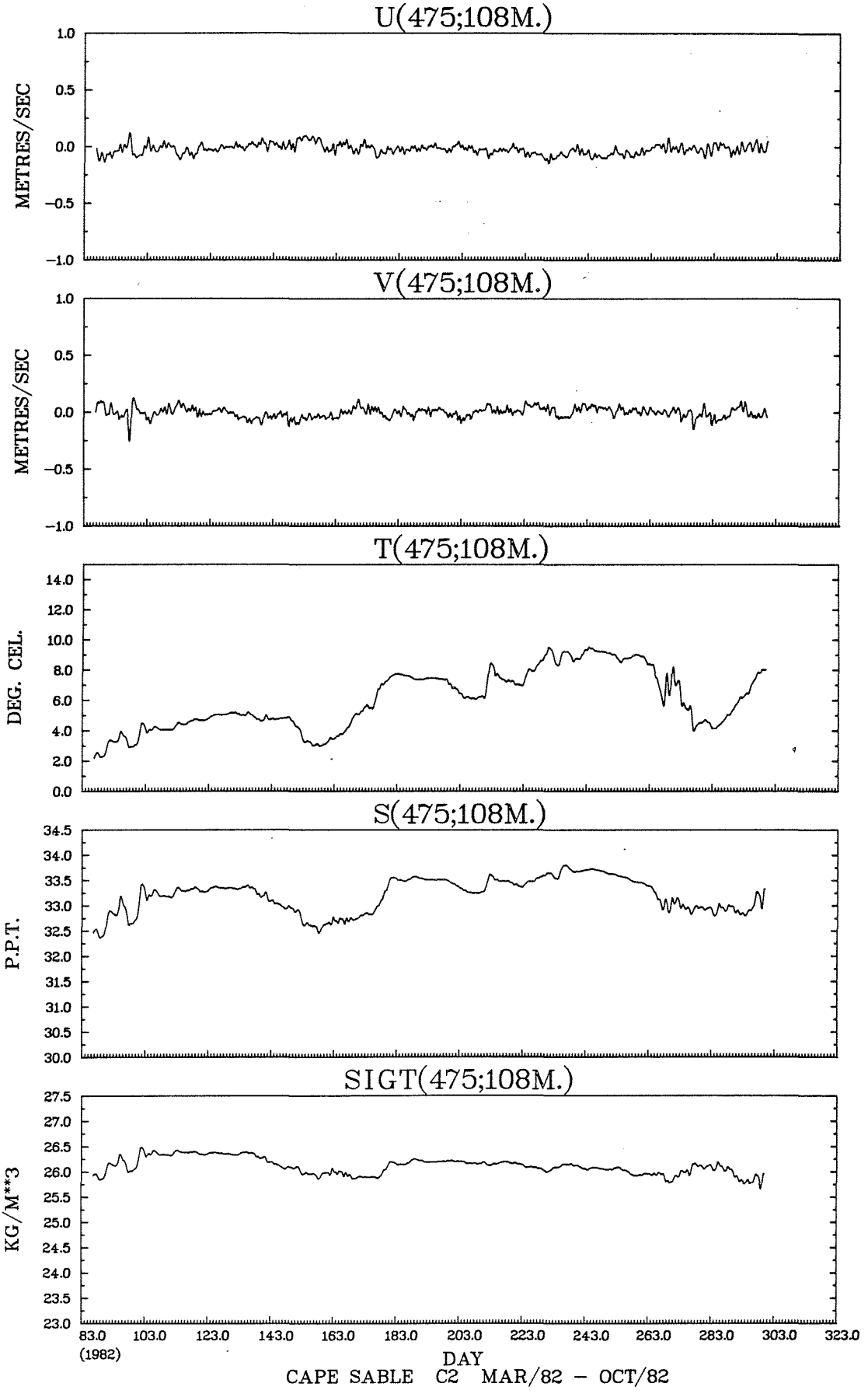


STN. 475, 108 M.



CAPE SABLE C2 MAR/82 – OCT/82


R(475; 108 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(475; 108 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(475; 108 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(475; 108 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C2 MAR/82 - OCT/82


U(475;108M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(475;108M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(475;108M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(475;108M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(475;108M.)
KG/M**3
27.5
27.0
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
83.0
103.0
123.0
143.0
163.0
183.0
203.0
223.0
243.0
263.0
283.0
303.0
323.0
(1982)
DAY
CAPE SABLE C2 MAR/82 − OCT/82

JOINT DISTRIBUTION (PERCENT)

D(475., 108.M.) VS R(475., 108.M.)

DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	3	*				.0	.0					.0		
.70 TO	.80	21	*				.0	.2					.2	.0	
.60 TO	.70	103	*				.7	.3					.9	.1	
.50 TO	.60	455	*			.1	3.1	1.2					3.2	1.1	.0
.40 TO	.50	1010	*	.0		.2	6.2	3.0				.0	5.5	3.8	.4
.30 TO	.40	1252	*	.2	.1	.7	5.4	4.2	.1		.0	.2	5.3	6.1	1.5
.20 TO	.30	1096	*	1.0	.9	1.3	3.7	3.8	.5	.0	.1	.7	3.8	3.4	1.8
.10 TO	.20	938	*	1.4	1.4	1.9	2.1	2.3	1.4	.6	.5	1.4	1.9	1.7	1.4
-.00 TO	.10	374	*	.5	.7	.7	.3	.5	.6	.8	.7	.8	.5	.5	.6
OUT OF RANGE		0	0												
SUB TOTAL		5252	0	164	158	259	1131	813	138	79	64	162	1113	872	299

JOINT DISTRIBUTION (PERCENT)

T(475., 108.M.) VS S(475., 108.M.)

P.P.T. DEG. CEL.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00	1154	*			.1		14.0	7.9				
33.00 TO 33.50	2561	*			19.1	13.5	14.7	1.6				
32.50 TO 33.00	1297	*		2.3	14.0	7.5	.9					
32.00 TO 32.50	240	*		2.7	1.8	.0						
31.50 TO 32.00		*										
31.00 TO 31.50		*										
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	5252	0		264	1837	1100	1554	497				

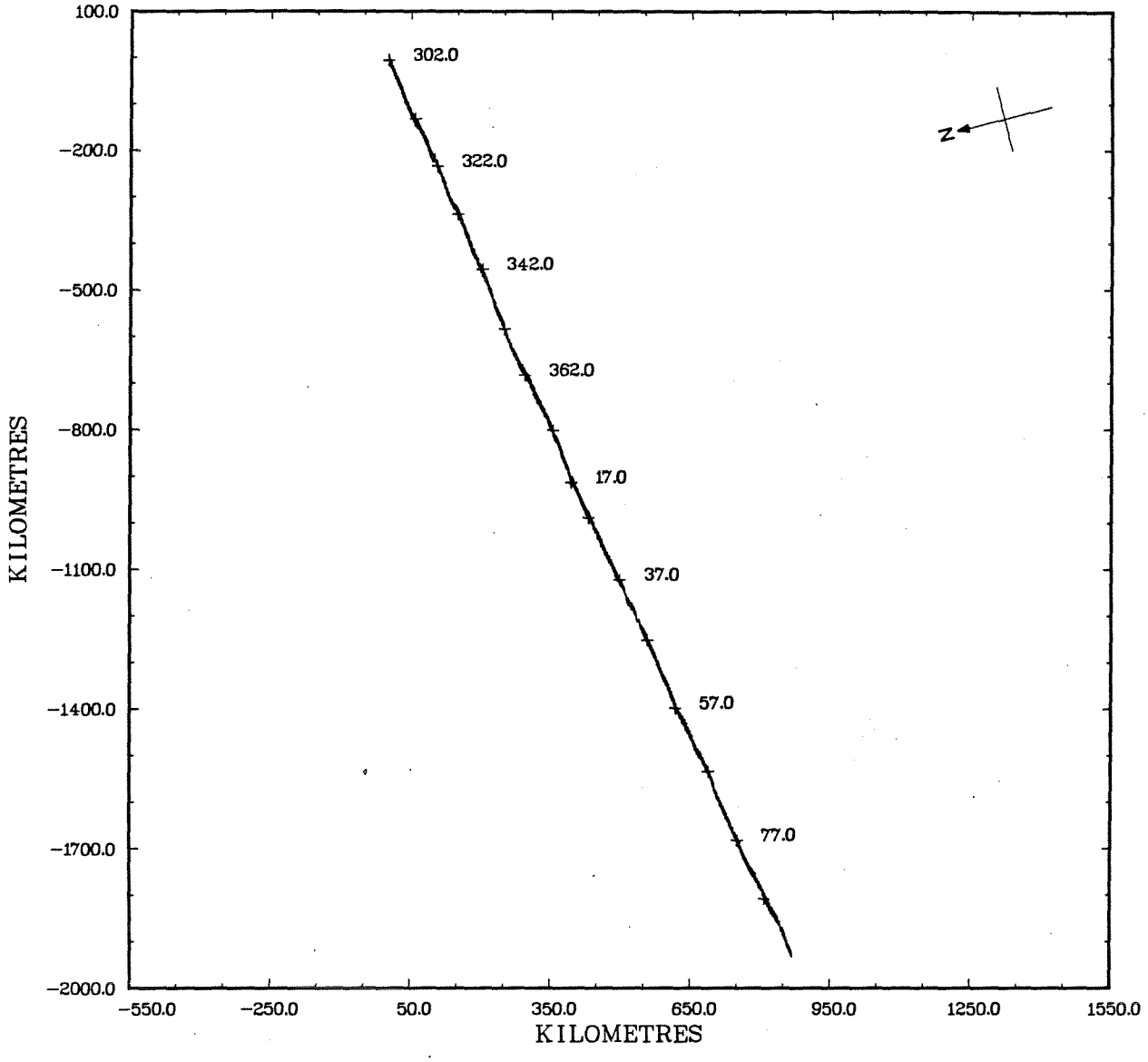
TABLE 15

MOORING SUMMARY, CRUISE 82-035

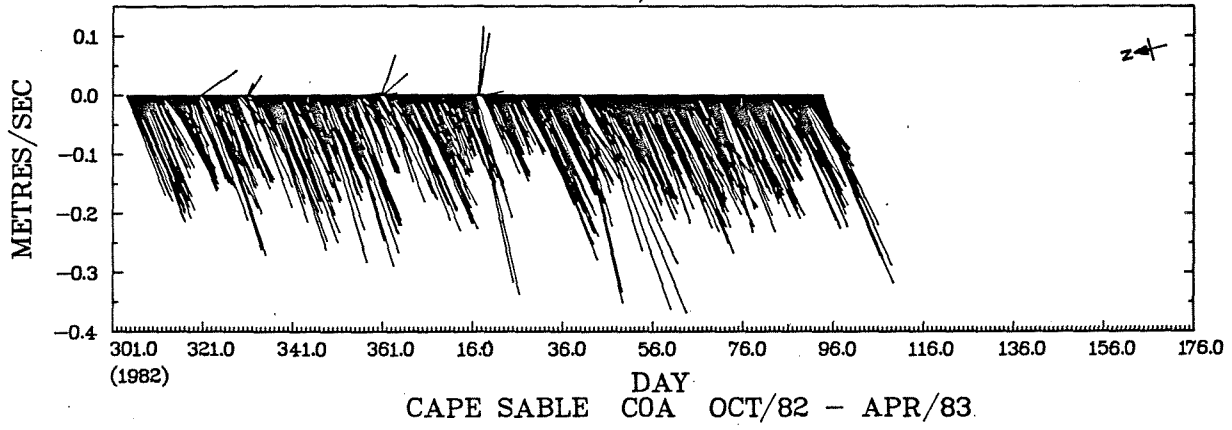
Station	Latitude	Longitude	Instrument Number, Type*		Depth	Sounding	Comments
COA(525)	43°19.86'N	65°38.93'W	0498	V	16	36	Rate and direction channels had bad spikes.
			5574	A	21	36	Salinity was low at the end of the record by .3 to .4°/oo.
CO(525)	43°20.04'N	65°38.74'W	3196	A	22	30	Mooring wire tangled in float since deployment with no obvious affect on the direction.
			3581	A	25	30	
			5001	A	27	30	Noise on all channels around day 78, 1983 due to build up of dirty grease in the channel selector switch. Tangled in the chain on the ground line on day 35, 1983.
			183	TG	29	29	
C1(526)	43°11.75'N	65°42.27'W	0495	V	10	55	Rate and direction channels had bad spikes.
			6187	A	26	56	
			6403	A	36	56	Salinity was low at the end of the record by .5°/oo.
			6404	A	46	56	Salinity was low at the end of record by .4°/oo.
			6405	A	51	56	Tangled in the chain on the ground line since deployment. Salinity low at the end of the record by 1.0°/oo.
			6406	A	53	56	Battery went dead on day 357, 1982 because of bad encoder motor. May have been tangled in chain on the ground line.
C2(527)	43°02.91'N	65°45.29'W	6409	A	13	108	
			6407	A	42	102	Tape speed fluctuating badly.
			6408	A	92	102	
			041	TG	107	107	

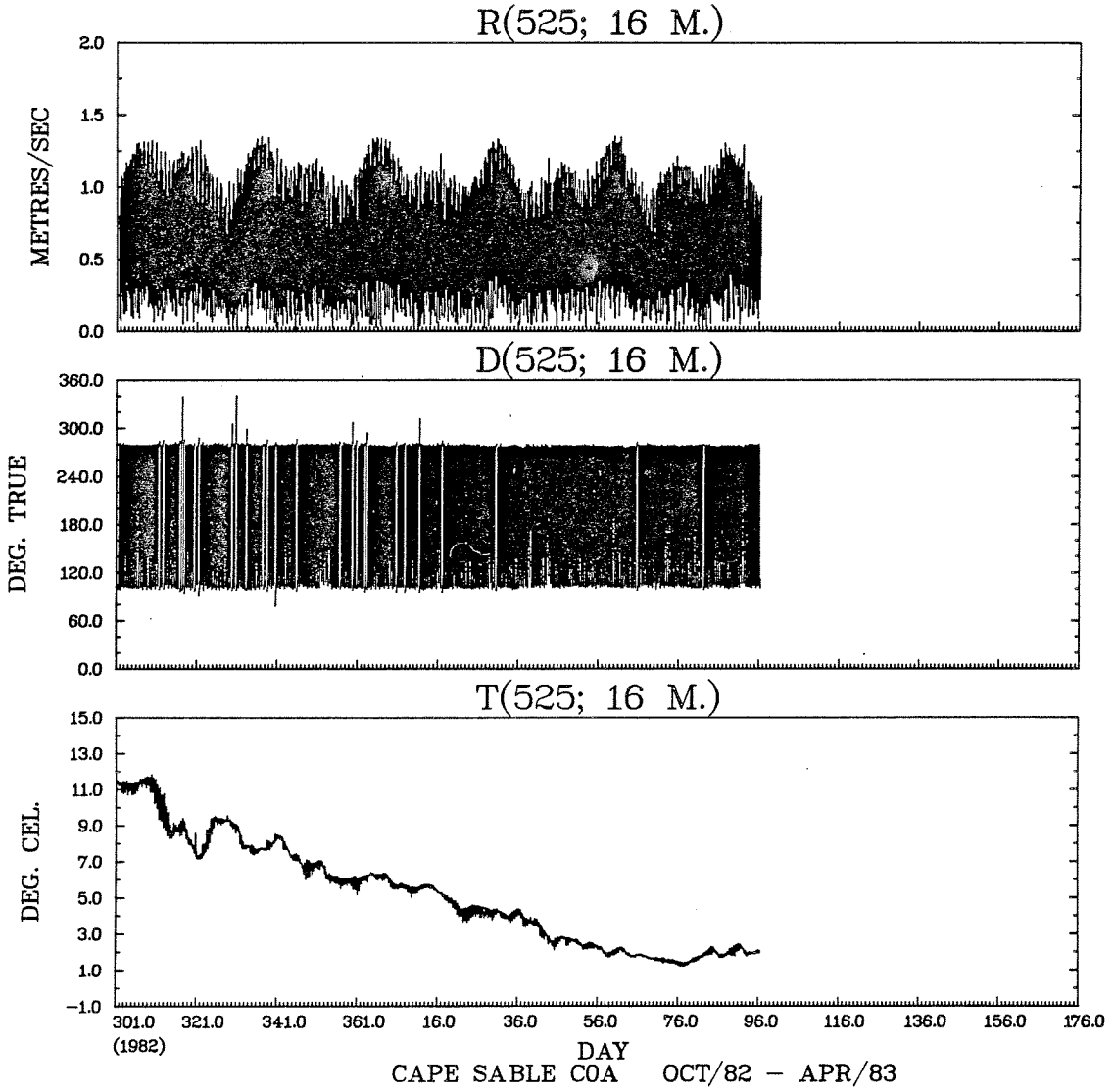
A = AANDERAA CURRENT METER
V = VACM CURRENT METER
TG = AANDERAA TIDE GAUGE

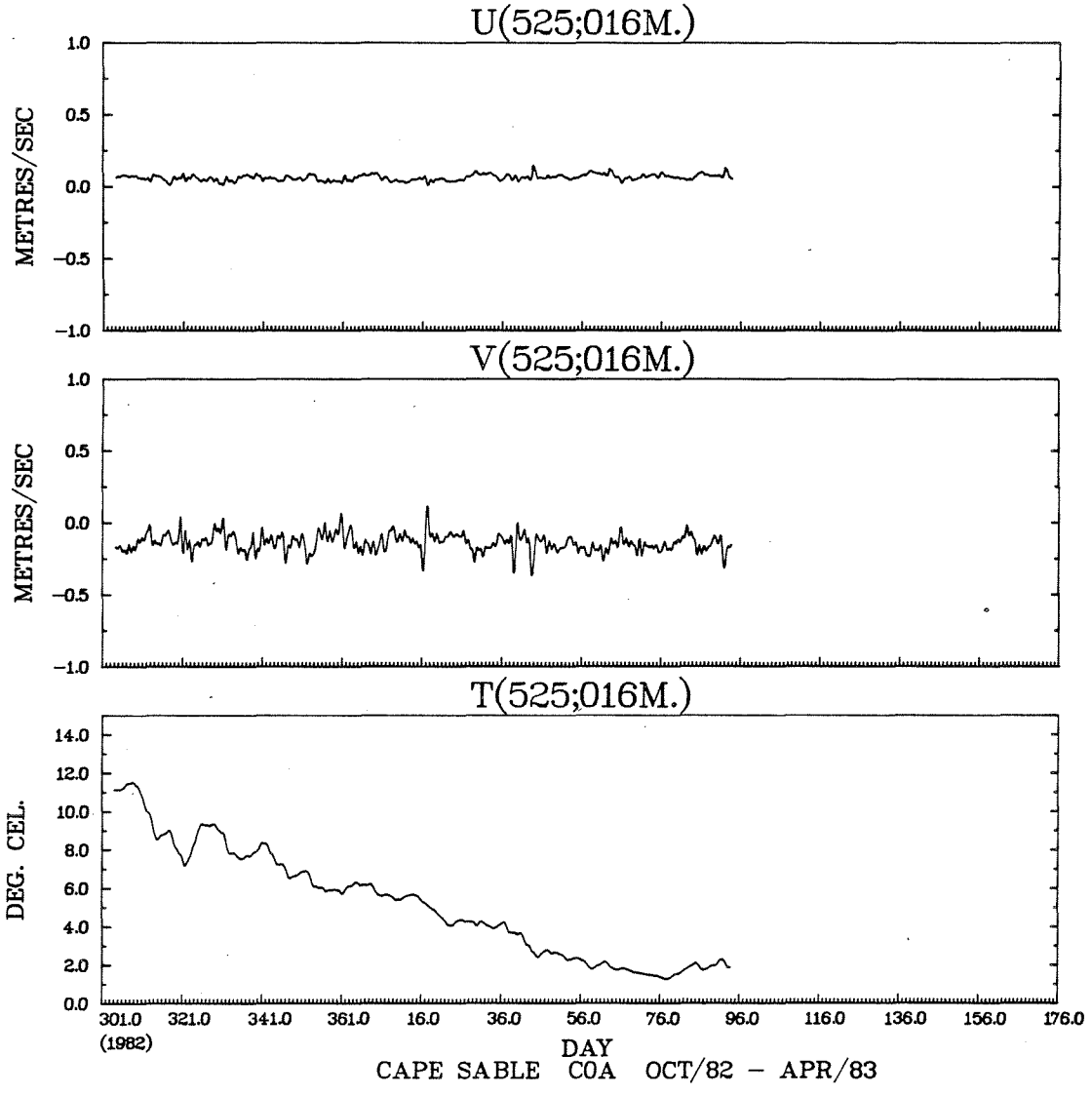
STN. 525, 16 M.



STN. 525, 16 M.




R(525; 16 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(525; 16 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(525; 16 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
−1.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE COA OCT/82 – APR/83


U(525;016M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(525;016M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(525;016M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE COA OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

VD(525;016M.) VS VS(525;016M.)

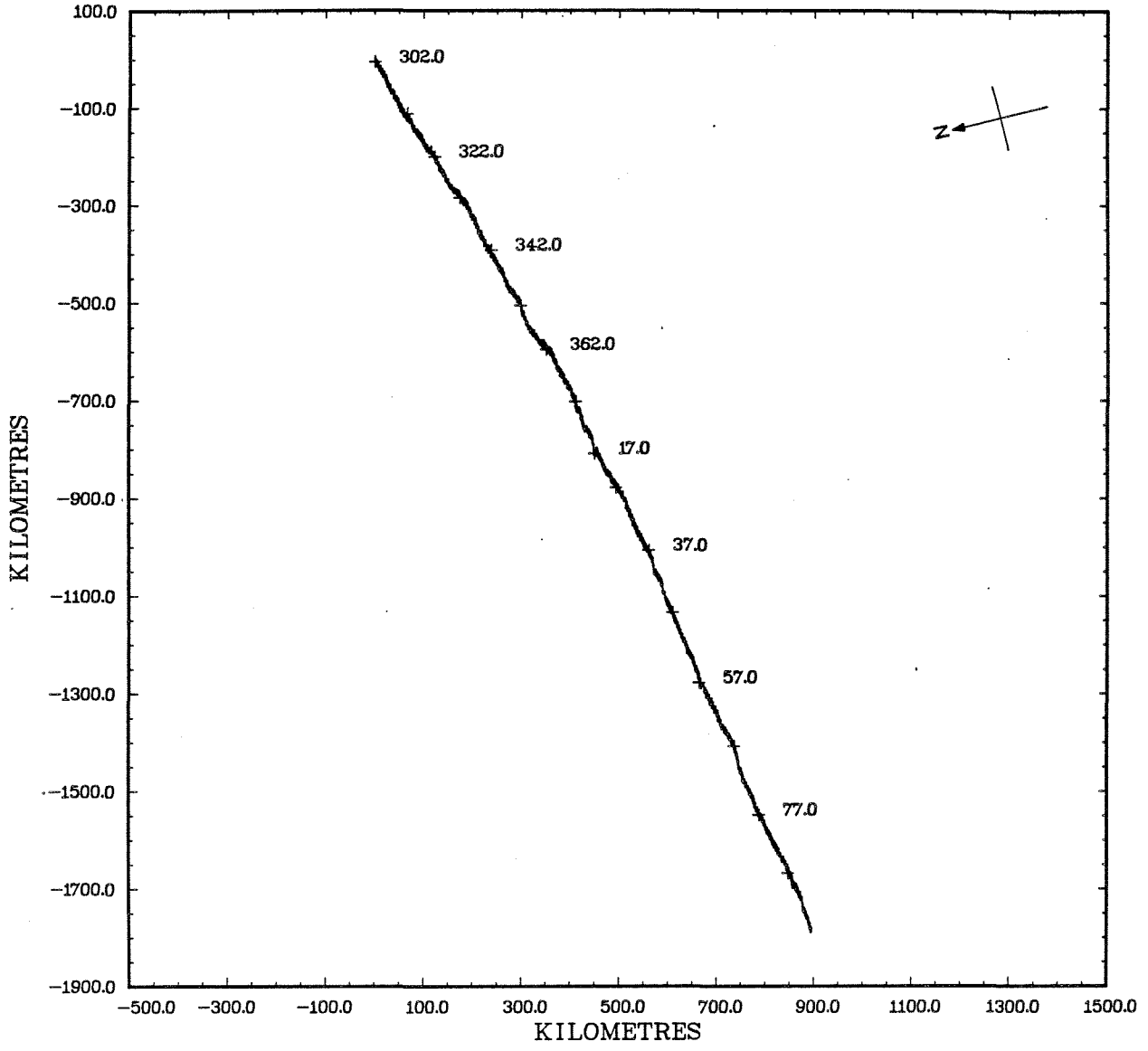
DEG. TRUE METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	31	*				.4						.4		
1.20 TO	1.30	157	*				1.2						2.9		
1.10 TO	1.20	296	*				2.1						5.6		
1.00 TO	1.10	428	*				4.2						7.0		
.90 TO	1.00	446	*				4.3						7.3		
.80 TO	.90	399	*				4.5						5.9		
.70 TO	.80	308	*				3.7						4.3		
.60 TO	.70	338	*				4.2					.1	4.6		
.50 TO	.60	270	*				3.4	.2				.3	3.1		
.40 TO	.50	268	*				2.8	.5				.9	2.8		
.30 TO	.40	255	*				1.7	1.3				1.4	2.3		
.20 TO	.30	256	*				1.5	1.5	.5	.1	.2	1.8	1.1		
.10 TO	.20	273	*				1.0	1.2	.9	1.0	.8	1.5	.7		
-.00 TO	.10	116	*			.0	.3	.6	.4	.4	.4	.6	.2	.1	.1
OUT OF RANGE		0	0												
SUB TOTAL		3841	0			1	1351	204	66	55	57	254	1848	3	2

HISTOGRAM OF T(525;016M.) DEG. CEL.

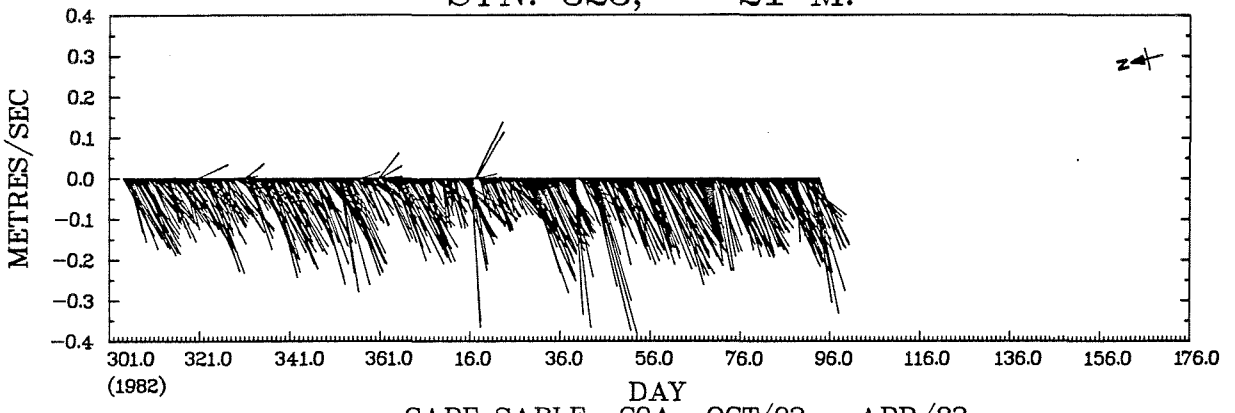
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	173	4.5	**********
1.50	2.00	595	15.5	**********
2.00	2.50	340	8.9	**********
2.50	3.00	183	4.8	**********
3.00	3.50	43	1.1	********
3.50	4.00	185	4.8	**********
4.00	4.50	268	7.0	**********
4.50	5.00	88	2.3	**********
5.00	5.50	142	3.7	**********
5.50	6.00	322	8.4	**********
6.00	6.50	288	7.5	**********
6.50	7.00	111	2.9	**********
7.00	7.50	140	3.6	**********
7.50	8.00	239	6.2	**********
8.00	8.50	140	3.6	**********
8.50	9.00	130	3.4	**********
9.00	9.50	174	4.5	**********
9.50	10.00	17	.4	***
10.00	10.50	21	.5	****
10.50	11.00	42	1.1	********
11.00	11.50	155	4.0	**********
11.50	12.00	45	1.2	********
12.00	12.50	0	0.0	
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3841
OUTSIDE RANGE 0

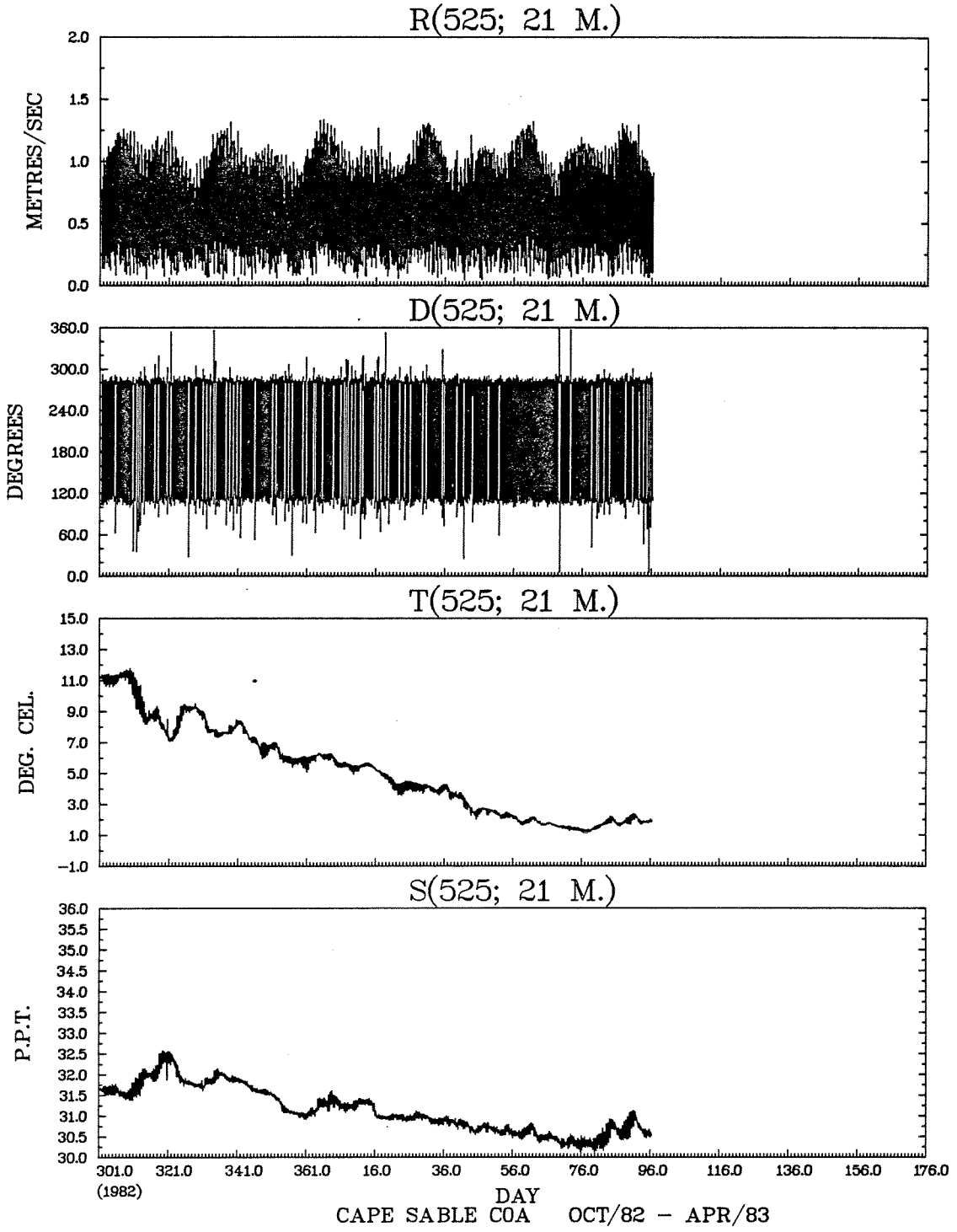
STN. 525, 21 M.

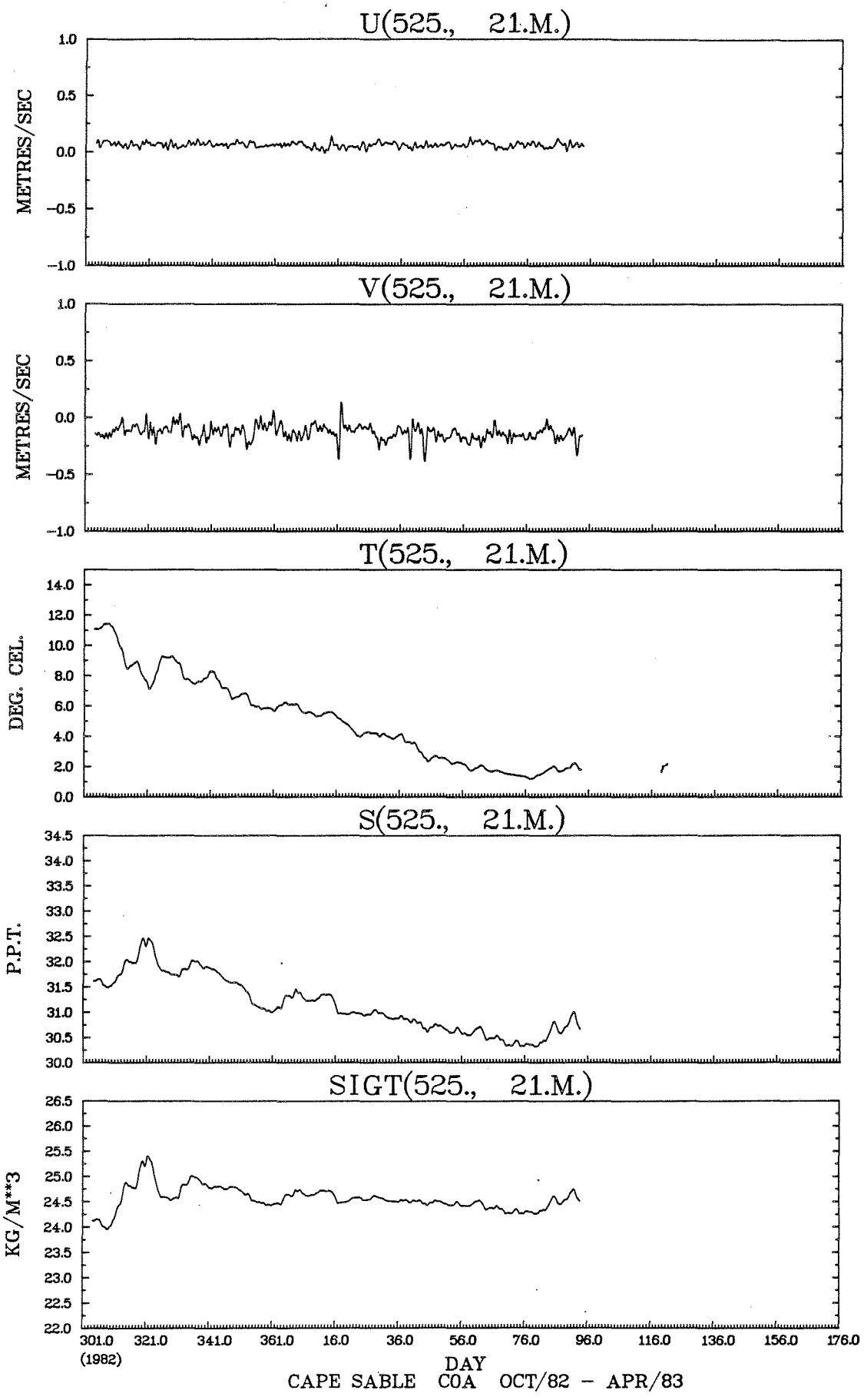


STN. 525, 21 M.



CAPE SABLE COA OCT/82 - APR/83


R(525; 21 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(525; 21 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(525; 21 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(525; 21 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE COA OCT/82 - APR/83


U(525., 21.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(525., 21.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(525., 21.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(525., 21.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(525., 21.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE COA OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

D(525., 21.M.) VS R(525., 21.M.)

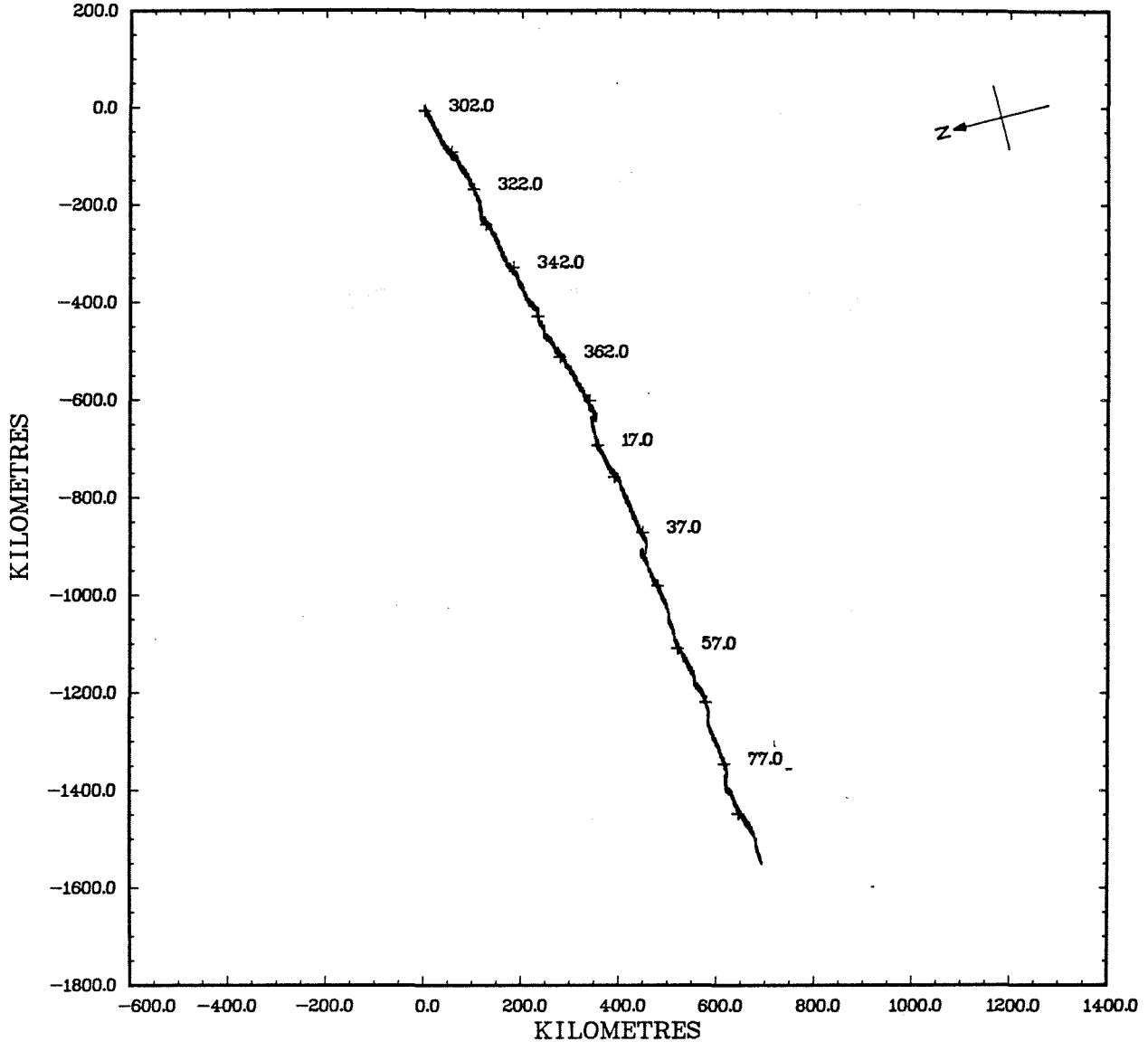
DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	7	*				.1						.1		
1.20 TO	1.30	88	*				.7						1.6		
1.10 TO	1.20	222	*				2.1						3.7		
1.00 TO	1.10	406	*				3.6						6.9		
.90 TO	1.00	475	*				4.6	.1					7.7		
.80 TO	.90	423	*				4.5	.1				.0	6.5		
.70 TO	.80	398	*				4.5	.2				.0	5.7		
.60 TO	.70	325	*				3.8	.5					4.2		
.50 TO	.60	283	*			.1	2.4	.5				.1	4.2		
.40 TO	.50	298	*			.1	2.2	1.6				.9	2.9		
.30 TO	.40	309	*			.1	1.2	2.7	.2		.0	2.1	1.7	.1	
.20 TO	.30	315	*			.2	.4	1.9	.9	.4	1.2	2.1	.9	.3	
.10 TO	.20	227	*	.0	.1	.2	.0	.4	1.1	1.6	1.5	.7	.1	.2	.0
-.00 TO	.10	64	*	.1	.1	.2			.4	.4	.3	.0			.1
OUT OF RANGE		0	0												
SUB TOTAL		3840	0	4	9	31	1153	304	98	94	118	228	1773	23	5

JOINT DISTRIBUTION (PERCENT)

T(525., 21.M.) VS S(525., 21.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	28	*					.7					
32.00 TO	32.50	213	*					5.5					
31.50 TO	32.00	924	*				3.3	10.9	6.5	3.4			
31.00 TO	31.50	851	*		.7	2.6	17.6	.0	.1	1.2			
30.50 TO	31.00	1377	*		21.4	12.7	1.7						
30.00 TO	30.50	447	*		11.6								
OUT OF RANGE		0	0										
SUB TOTAL		3840	0		1294	589	866	660	252	179			

STN. 525, 22 M.



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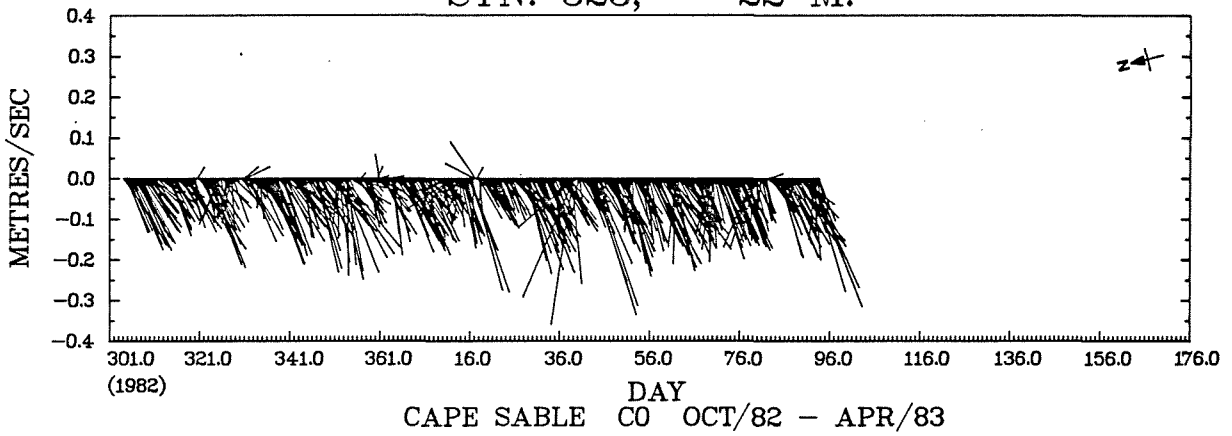
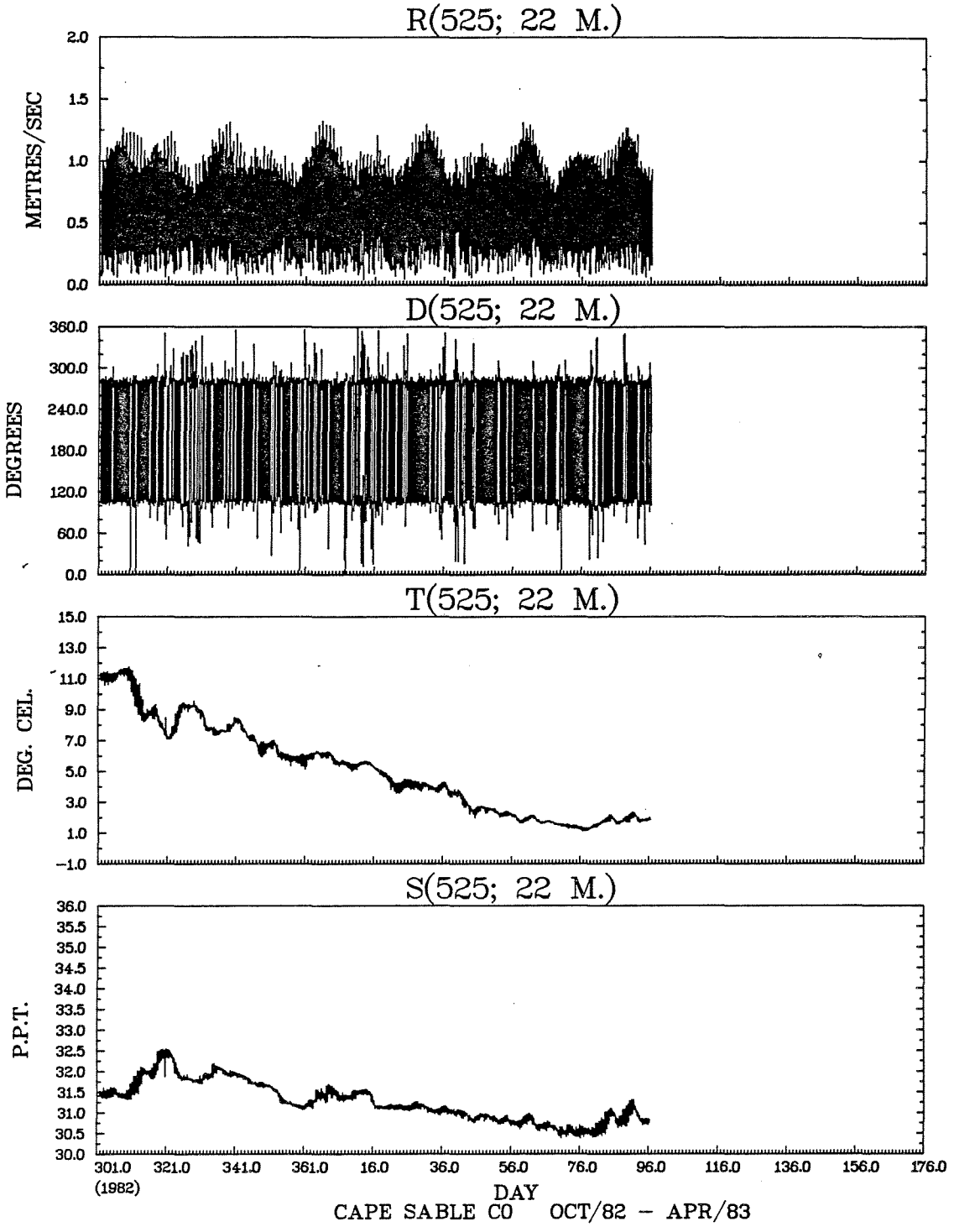
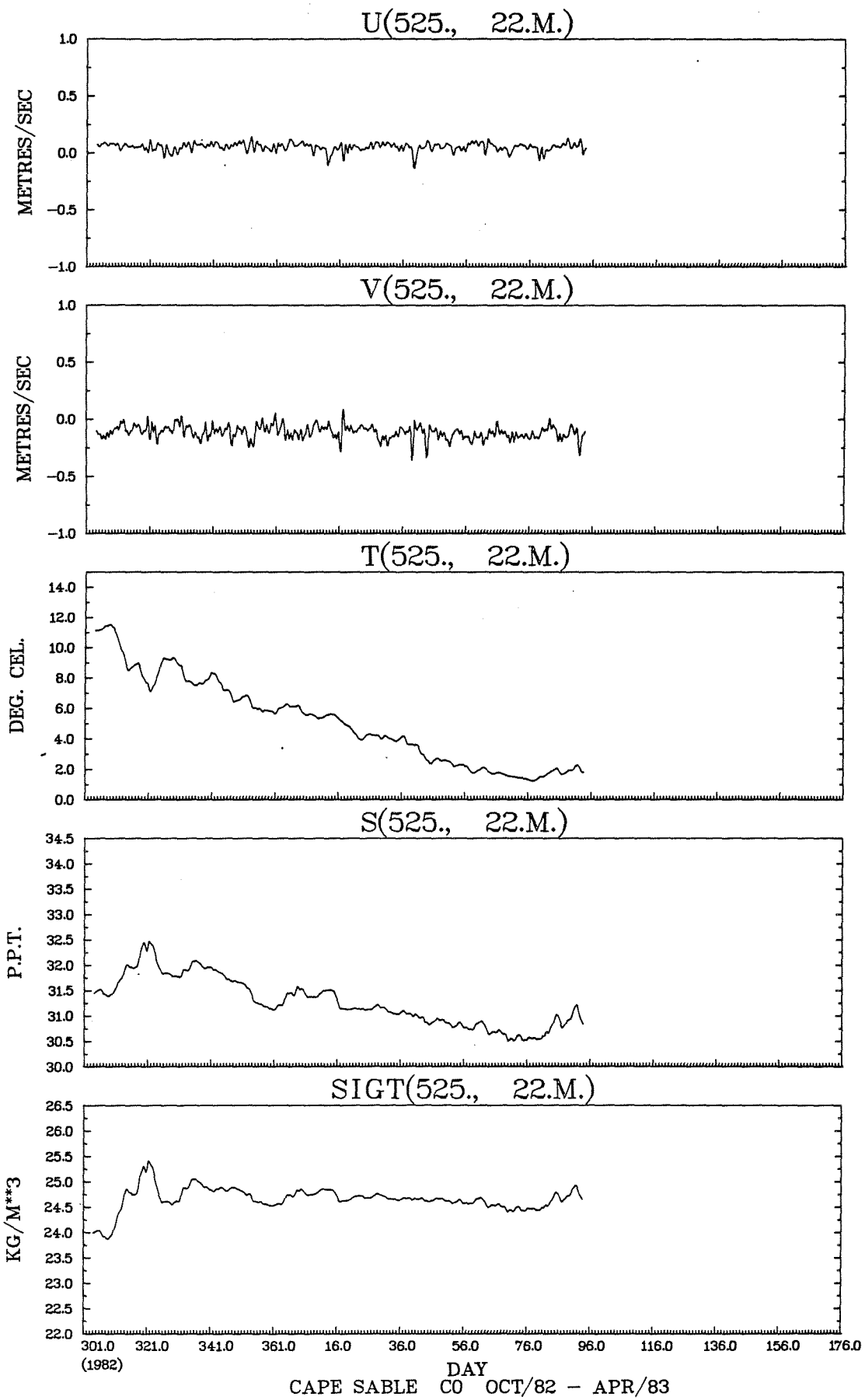


CAPE SABLE CO OCT/82 – APR/83


R(525; 22 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(525; 22 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(525; 22 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(525; 22 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE CO OCT/82 - APR/83


U(525., 22.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(525., 22.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(525., 22.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(525., 22.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(525., 22.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE CO OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

D(525., 22.M.) VS R(525., 22.M.)

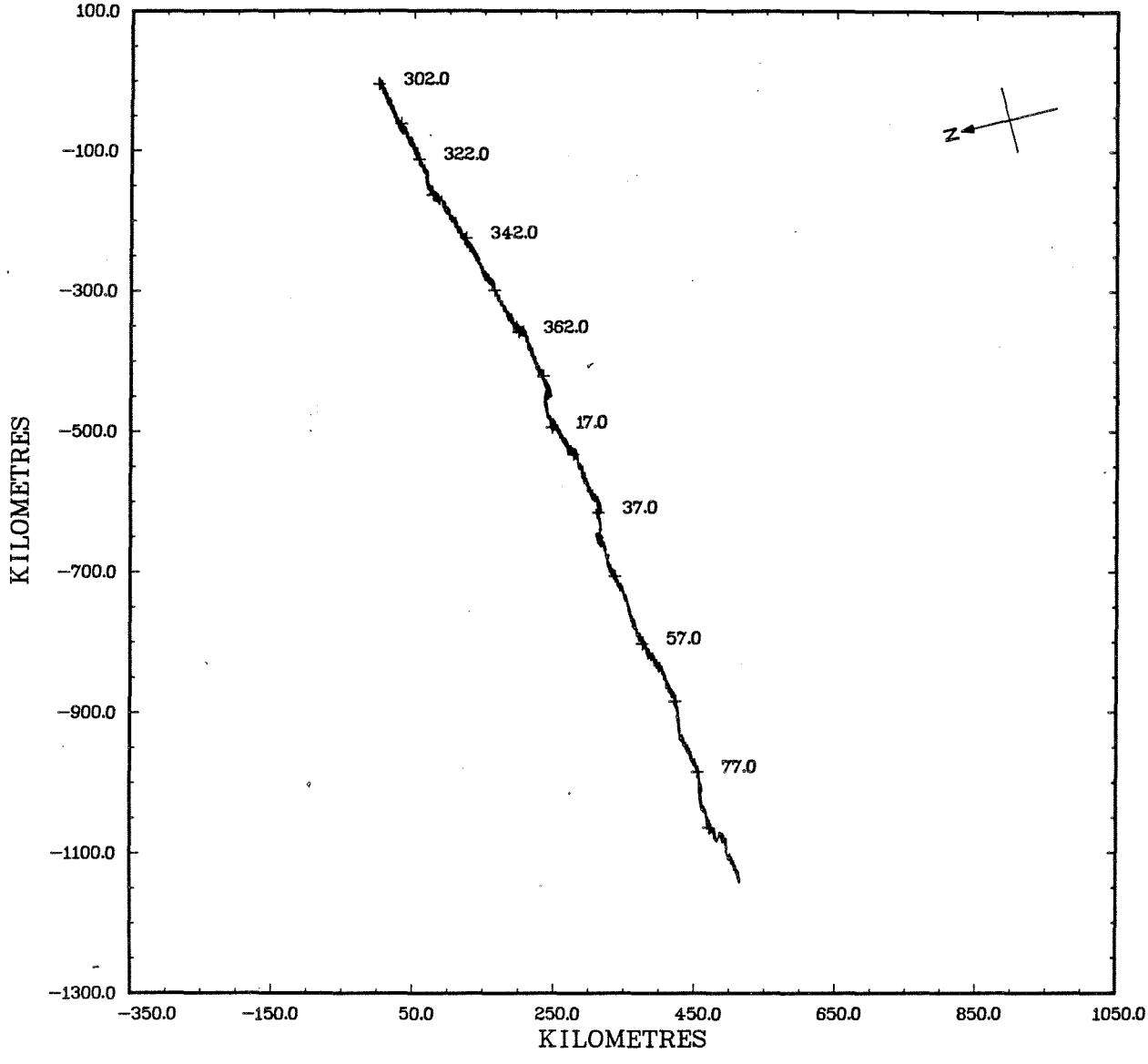
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	3	*				.1								
1.20 TO	1.30	43	*				.9						.3		
1.10 TO	1.20	139	*				1.5					.0	2.1		
1.00 TO	1.10	297	*				3.3					.1	4.4		
.90 TO	1.00	491	*			.0	5.0					.1	7.7	.0	
.80 TO	.90	533	*			.1	5.3					.2	8.3	.0	
.70 TO	.80	410	*			.1	3.8					.1	6.7		.0
.60 TO	.70	401	*			.1	4.5	.0	.0			.2	5.5	.1	.1
.50 TO	.60	346	*			.2	3.3	.3	.0			.4	4.6	.1	
.40 TO	.50	306	*	.1		.1	1.9	.9	.0		.1	1.1	3.7	.1	
.30 TO	.40	272	*	.0	.1	.2	1.0	1.6	.2	.1	.2	1.8	1.5	.2	.1
.20 TO	.30	315	*	.0	.0	.4	.4	2.1	.9	.2	.7	2.7	.5	.4	.1
.10 TO	.20	239	*	.2	.2	.1		.4	1.5	1.9	.8	.7	.1	.2	.2
-.00 TO	.10	43	*	.1	.1	.1		.1	.2	.2	.1	.0		.1	.1
OUT OF RANGE		0	0												
SUB TOTAL		3838	0	15	16	48	1187	210	110	91	69	282	1738	49	23

JOINT DISTRIBUTION (PERCENT)

T(525., 22.M.) VS S(525., 22.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	22	*					.6					
32.00 TO	32.50	238	*					6.2					
31.50 TO	32.00	931	*				7.5	10.3	5.9	.6			
31.00 TO	31.50	1389	*		2.6	13.6	15.2		.3	4.4			
30.50 TO	31.00	1165	*		28.8	1.6							
30.00 TO	30.50	93	*		2.4								
OUT OF RANGE		0	0										
SUB TOTAL		3838	0		1296	583	871	655	240	193			

STN. 525, 25 M.



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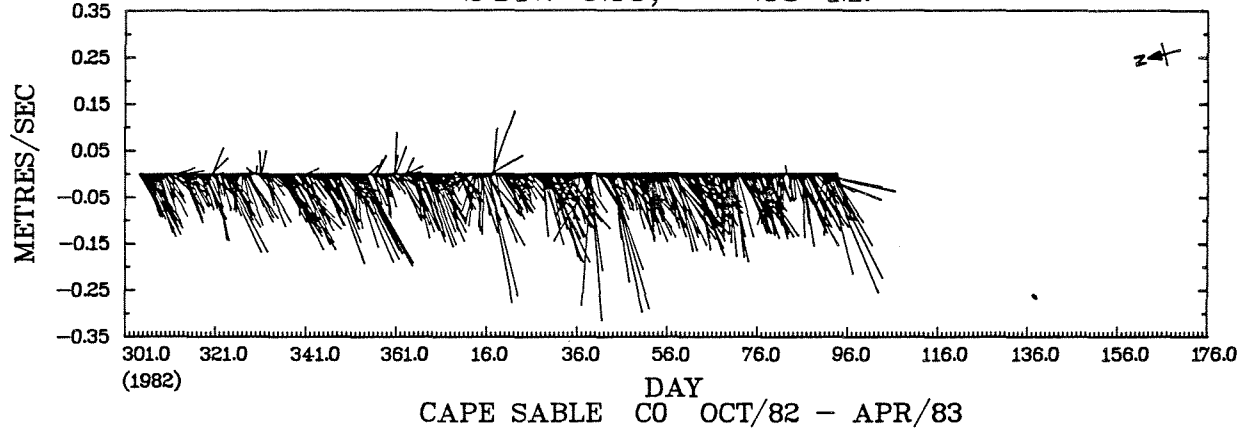
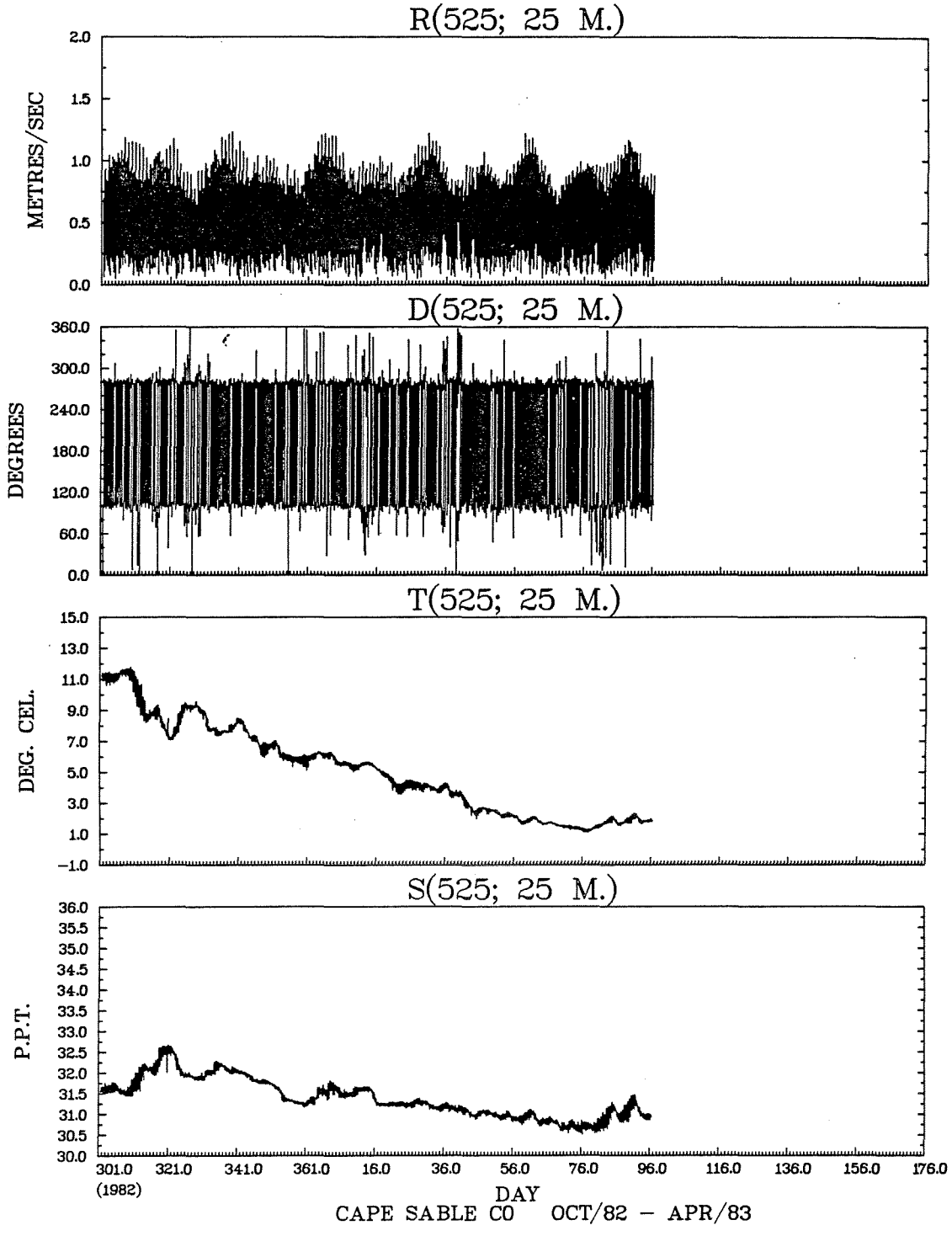
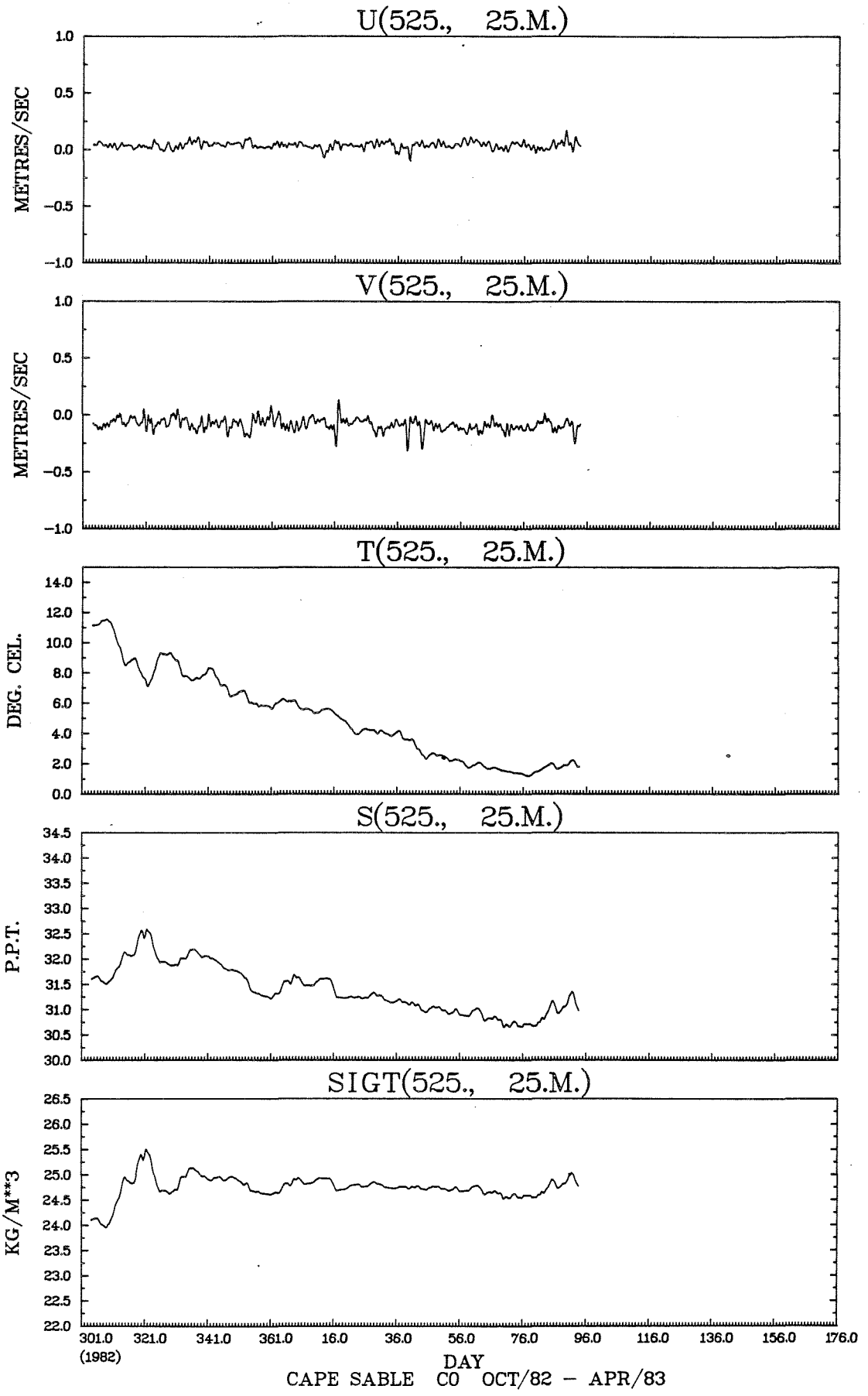



R(525; 25 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(525; 25 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(525; 25 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(525; 25 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE CO OCT/82 - APR/83


U(525., 25.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(525., 25.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(525., 25.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(525., 25.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(525., 25.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE CO OCT/82 − APR/83

JOINT DISTRIBUTION (PERCENT)

D(525., 25.M.) VS R(525., 25.M.)

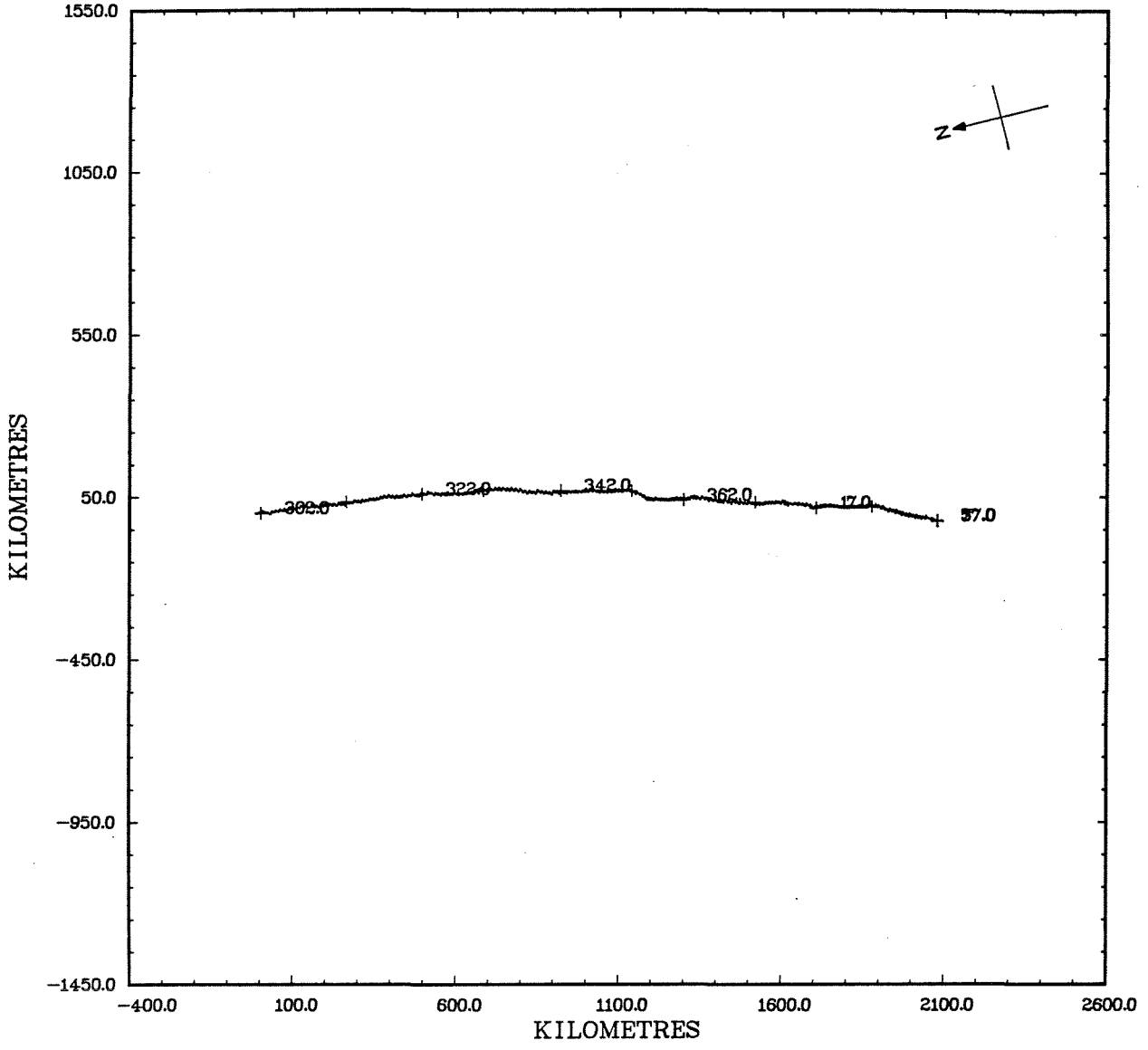
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	8	*				.2								
1.10 TO	1.20	32	*				.8	.0					.1		
1.00 TO	1.10	120	*			.1	1.8	.0				.0	1.1		
.90 TO	1.00	325	*			.2	4.2	.0				.3	3.7		
.80 TO	.90	528	*			.3	5.0	.1				.4	8.0		
.70 TO	.80	555	*			.3	4.8	.0				.7	8.6	.0	
.60 TO	.70	462	*			.2	4.1	.0				.6	7.1		
.50 TO	.60	411	*			.3	4.0	.0				.6	5.7	.1	.0
.40 TO	.50	360	*		.1	.3	3.2	.2			.1	.8	4.8	.0	.0
.30 TO	.40	313	*		.1	.2	2.2	.7	.0		.1	2.3	2.5	.1	.0
.20 TO	.30	343	*	.0	.2	.4	1.0	2.1	.2	.0	.6	3.2	1.0	.2	.1
.10 TO	.20	308	*	.2	.2	.1	.1	1.2	1.8	1.4	1.3	1.0	.2	.2	.2
-.00 TO	.10	73	*	.2	.1			.2	.3	.6	.3	.0		.0	.2
OUT OF RANGE		0	0												
SUB TOTAL		3838	0	17	23	91	1203	176	93	77	89	382	1640	26	21

JOINT DISTRIBUTION (PERCENT)

T(525., 25.M.) VS S(525., 25.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	63	*					1.6					
32.00 TO	32.50	437	*					10.8	.6				
31.50 TO	32.00	1013	*				11.7	4.6	5.7	4.4			
31.00 TO	31.50	1406	*		9.8	15.2	10.9			.7			
30.50 TO	31.00	919	*		23.9								
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3838	0		1297	582	868	653	243	195			

STN. 525, 27 M.



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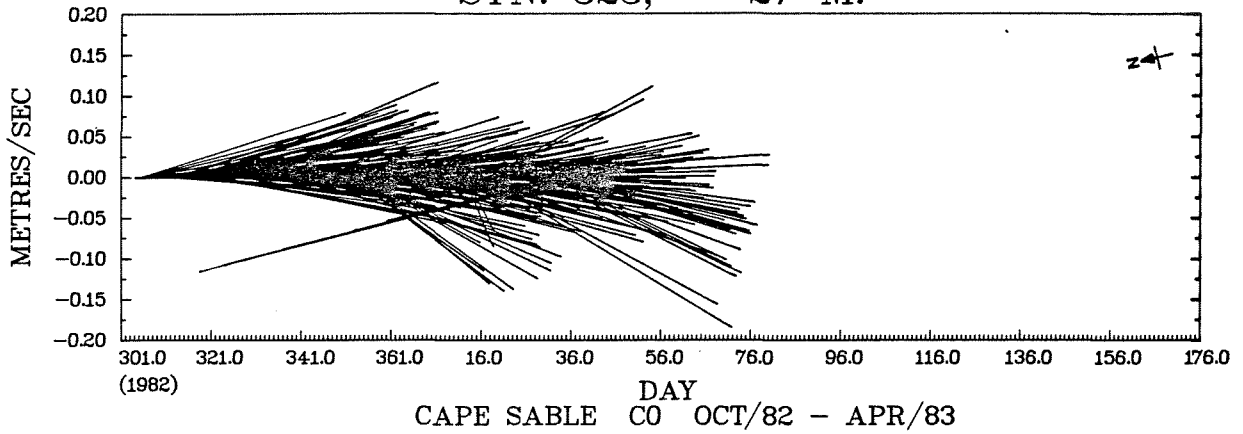
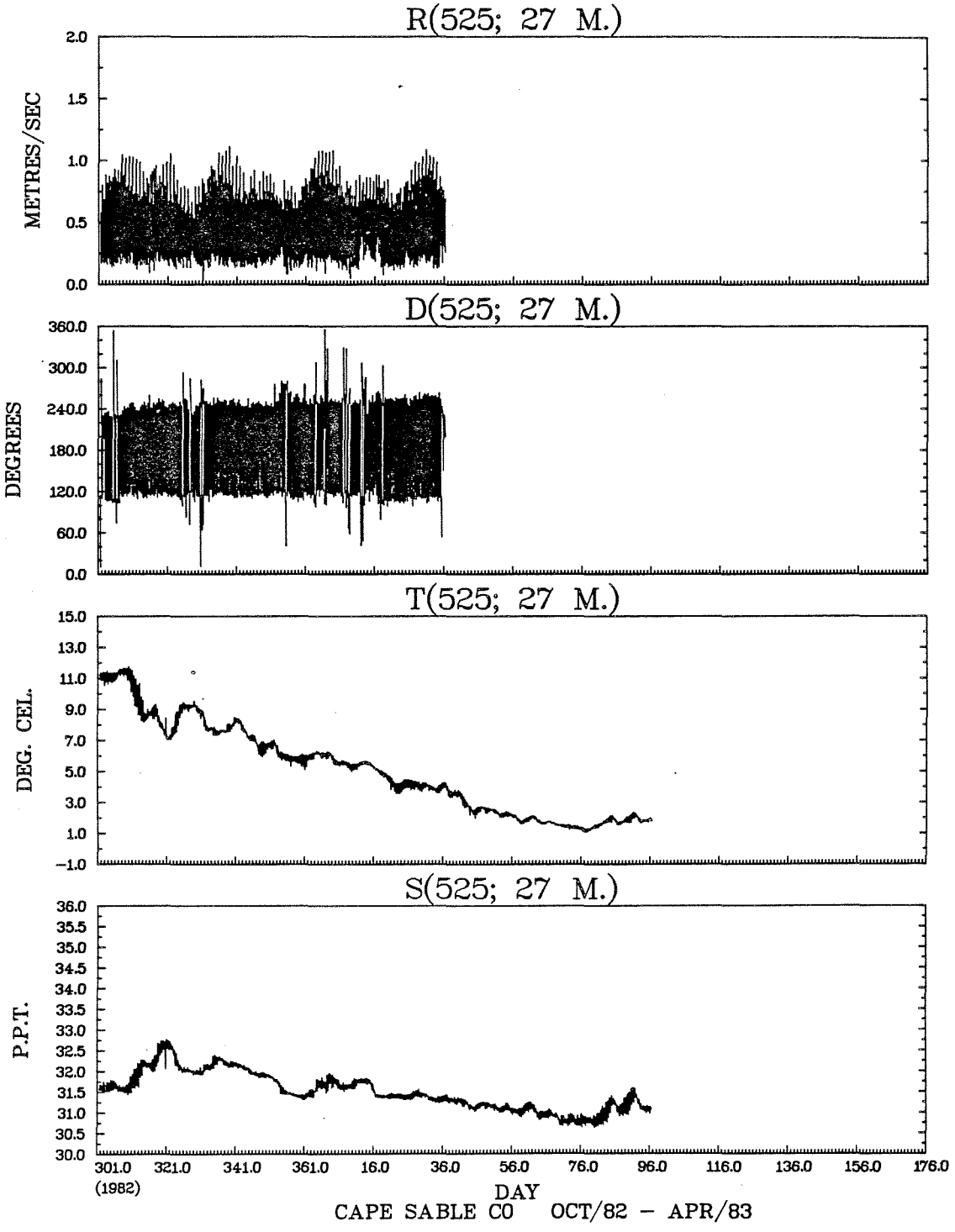
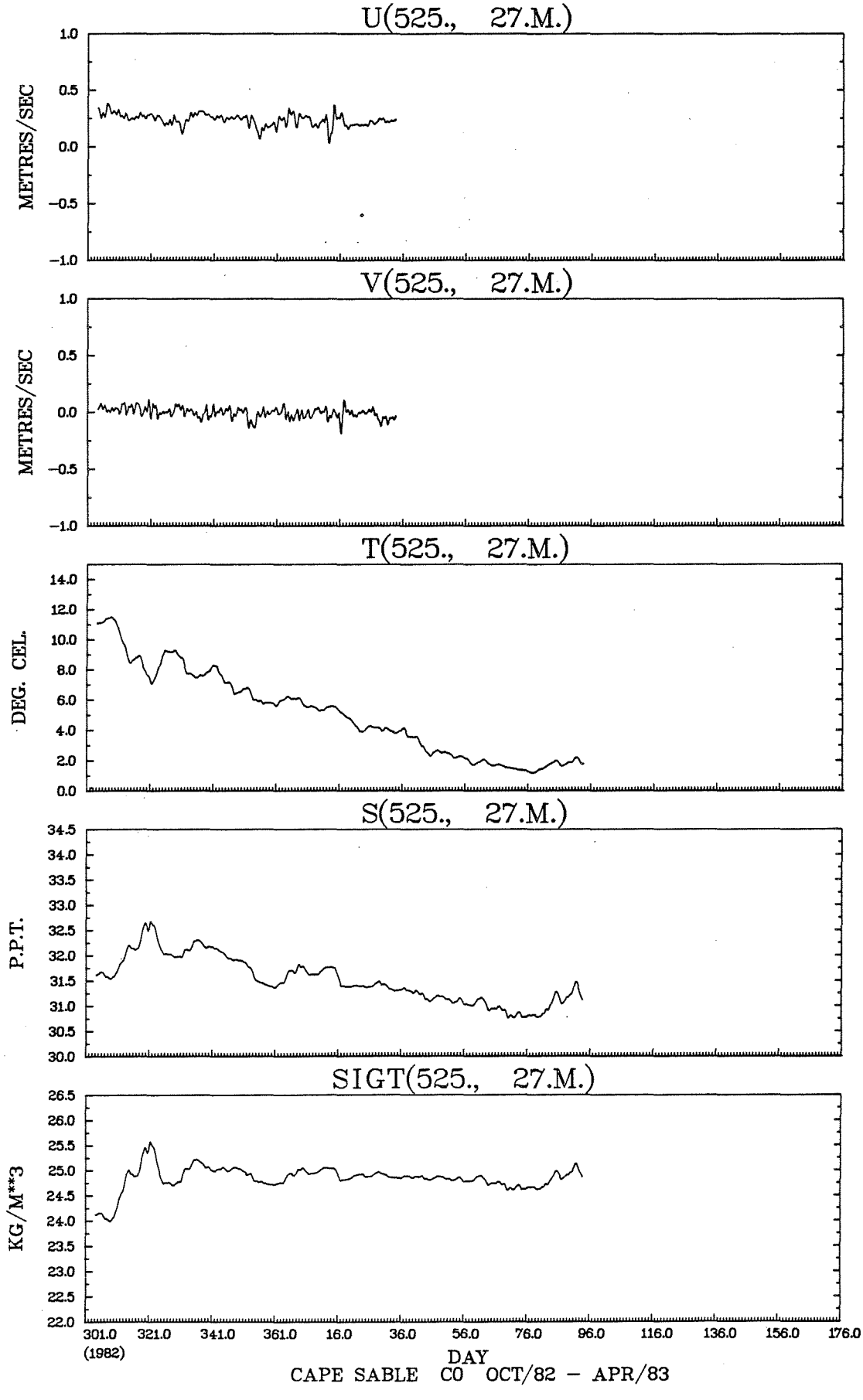


CAPE SABLE C0 OCT/82 – APR/83


R(525; 27 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(525; 27 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(525; 27 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(525; 27 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
(1982)
DAY
CAPE SABLE CO OCT/82 - APR/83


U(525., 27.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(525., 27.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(525., 27.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(525., 27.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(525., 27.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C0 OCT/82 − APR/83

JOINT DISTRIBUTION (PERCENT)

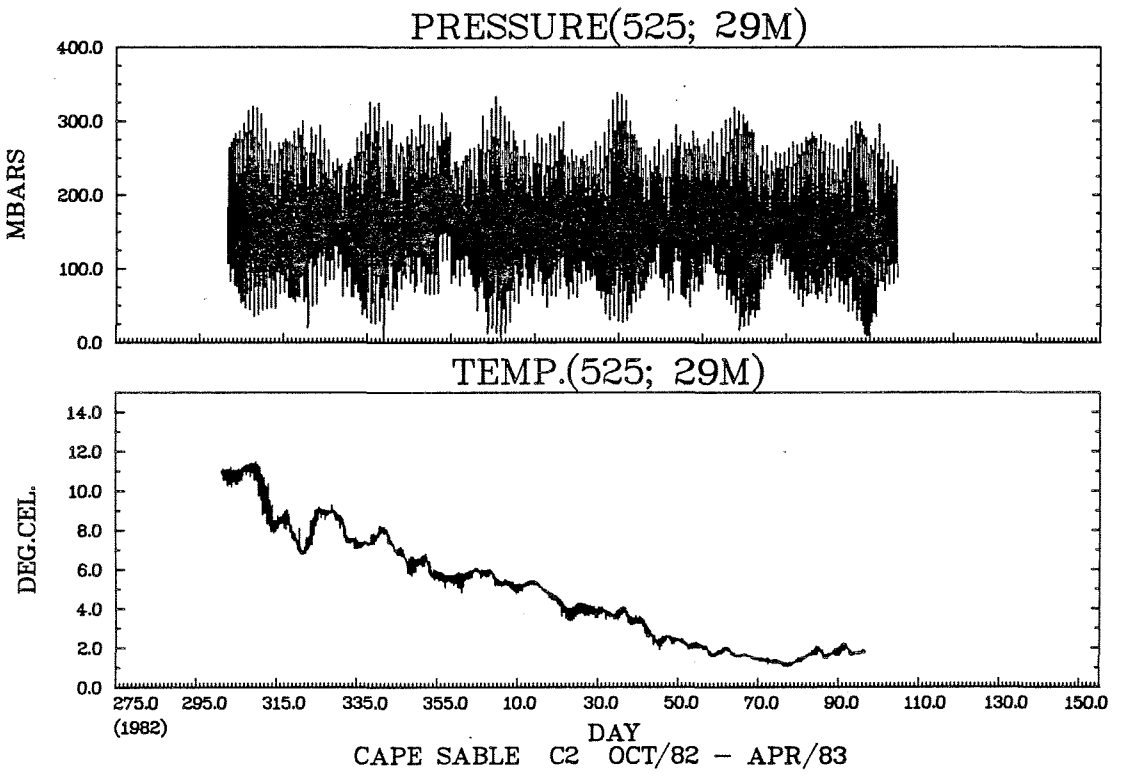
D(525., 27.M.) VS R(525., 27.M.)

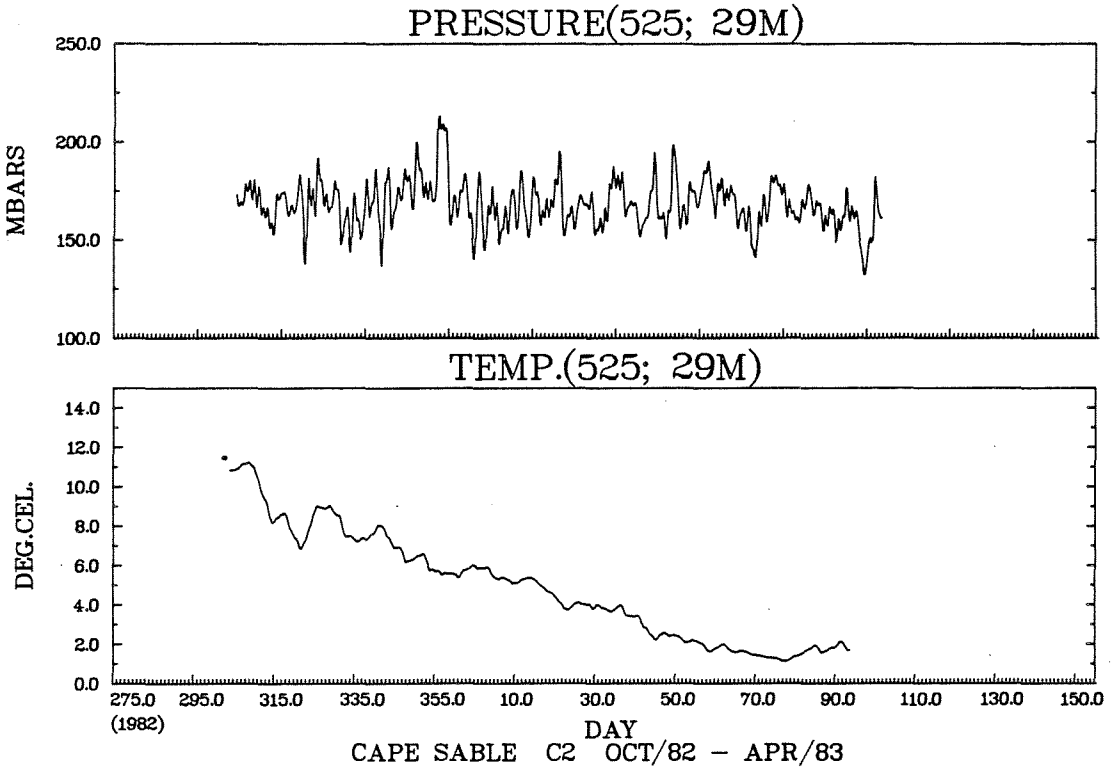
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	1	*				.0								
1.00 TO	1.10	23	*				.5	.4							
.90 TO	1.00	47	*				1.2	.6			.0	.1			
.80 TO	.90	154	*				2.7	1.0			.4	2.3			
.70 TO	.80	272	*				4.1	1.4		.0	.6	5.1	.1		
.60 TO	.70	399	*				4.2	1.5	.1	.2	1.6	8.6	.5		
.50 TO	.60	311	*				2.9	1.0	.1	.1	2.4	6.2	.3	.0	
.40 TO	.50	306	*	.0	.0		2.3	2.0	.4	.2	3.8	3.6	.4	.1	
.30 TO	.40	302	*			.0	1.7	2.1	1.3	.5	5.0	1.6	.3	.1	
.20 TO	.30	337	*	.1			1.3	1.8	1.5	2.4	5.7	1.0	.2		
.10 TO	.20	238	*		.1	.2	.5	1.1	2.3	2.0	3.3	.2	.0	.1	.0
-.00 TO	.10	8	*		.1	.1				.0	.0			.0	.0
OUT OF RANGE		0	0												
SUB TOTAL		2398	0	3	6	8	515	308	139	130	548	689	41	9	2

JOINT DISTRIBUTION (PERCENT)

T(525., 27.M.) VS S(525., 27.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	95	*					2.5					
32.00 TO	32.50	607	*					13.0	2.8				
31.50 TO	32.00	1028	*		.4	.4	16.4	1.7	3.3	4.6			
31.00 TO	31.50	1592	*		20.1	14.9	6.2			.3			
30.50 TO	31.00	516	*		13.4								
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3838	0		1301	587	868	659	235	188			


PRESSURE(525; 29M)
MBARS
400.0
300.0
200.0
100.0
0.0
TEMP.(525; 29M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
275.0
295.0
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
110.0
130.0
150.0
(1982)
DAY
CAPE SABLE C2 OCT/82 - APR/83


PRESSURE(525; 29M)
MBARS
250.0
200.0
150.0
100.0
TEMP.(525; 29M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
275.0
295.0
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
110.0
130.0
150.0
(1982)
DAY
CAPE SABLE C2 OCT/82 - APR/83

HISTOGRAM OF PRESSURE(525; 29M) MBARS

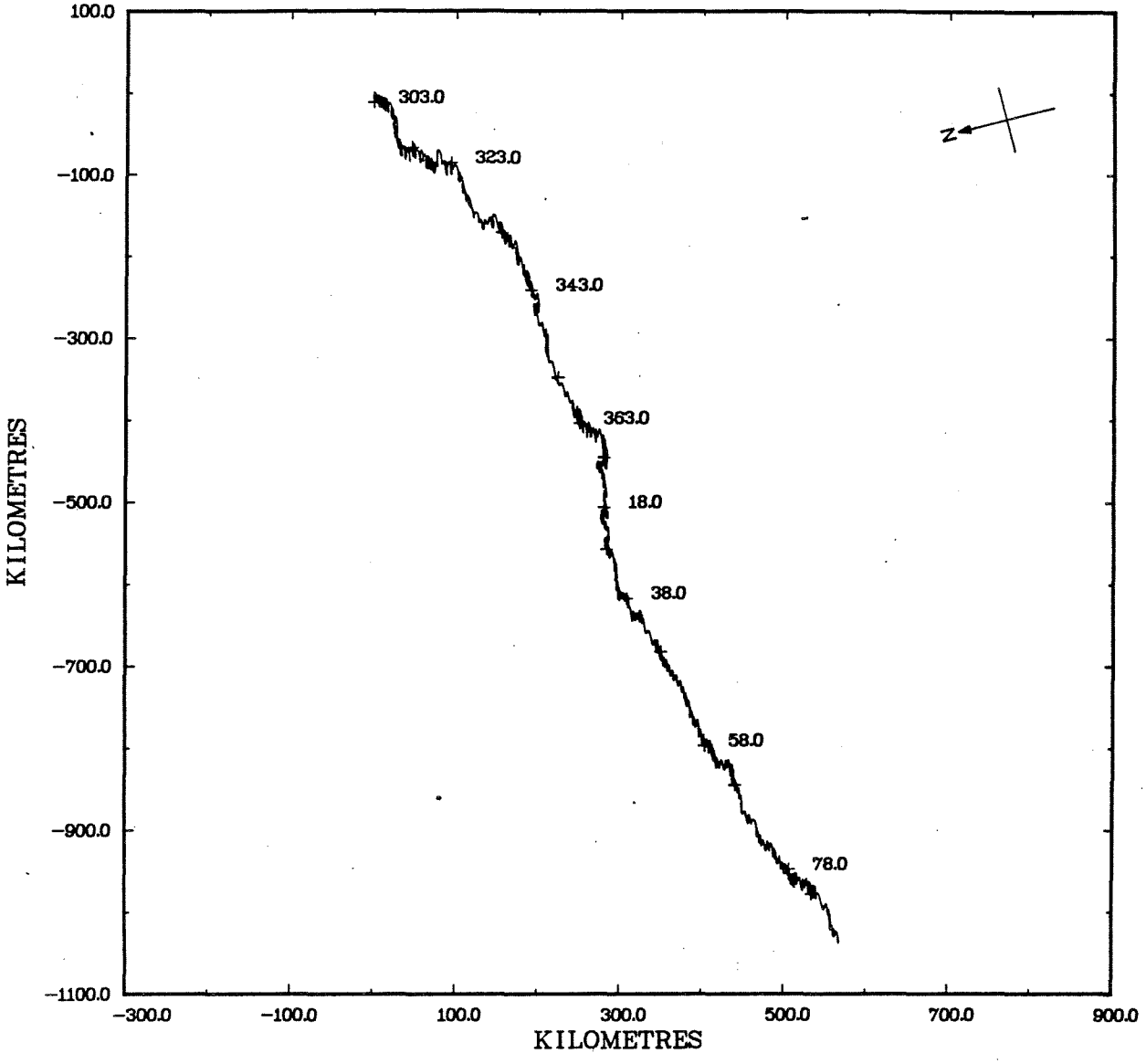
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	14	.4	***
20.00	40.00	52	1.4	**********
40.00	60.00	132	3.4	**************************
60.00	80.00	276	7.2	***
80.00	100.00	402	10.5	**
100.00	120.00	373	9.7	***
120.00	140.00	300	7.8	**
140.00	160.00	287	7.5	***
160.00	180.00	236	6.1	**
180.00	200.00	281	7.3	**
200.00	220.00	294	7.7	**
220.00	240.00	354	9.2	**
240.00	260.00	383	10.0	**
260.00	280.00	278	7.2	***
280.00	300.00	120	3.1	************************
300.00	320.00	47	1.2	**********
320.00	340.00	12	.3	***

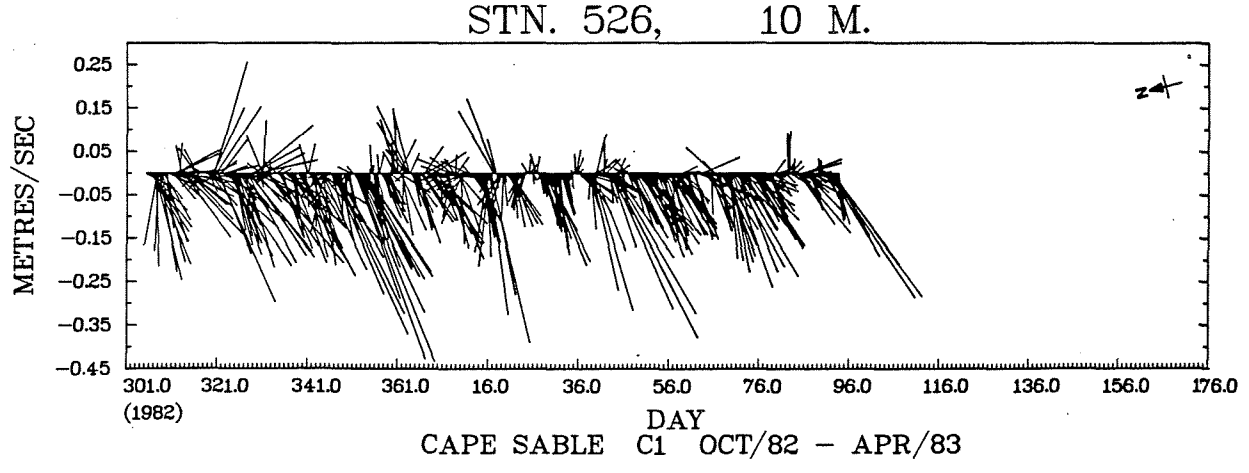
TOTAL NO. OF SAMPLES 3841
OUTSIDE RANGE 0

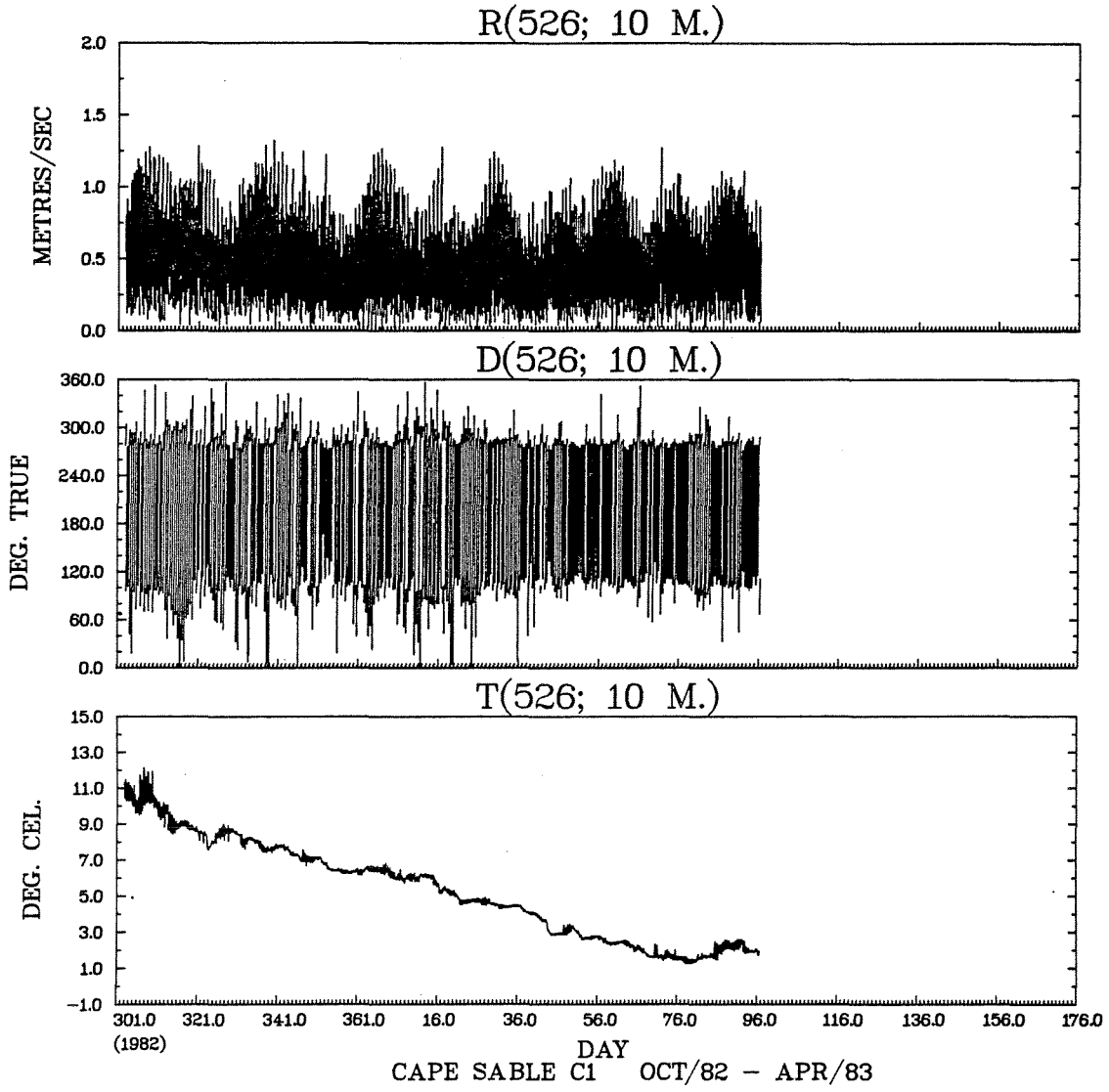
HISTOGRAM OF TEMP.(525; 29M) DEG.CEL.

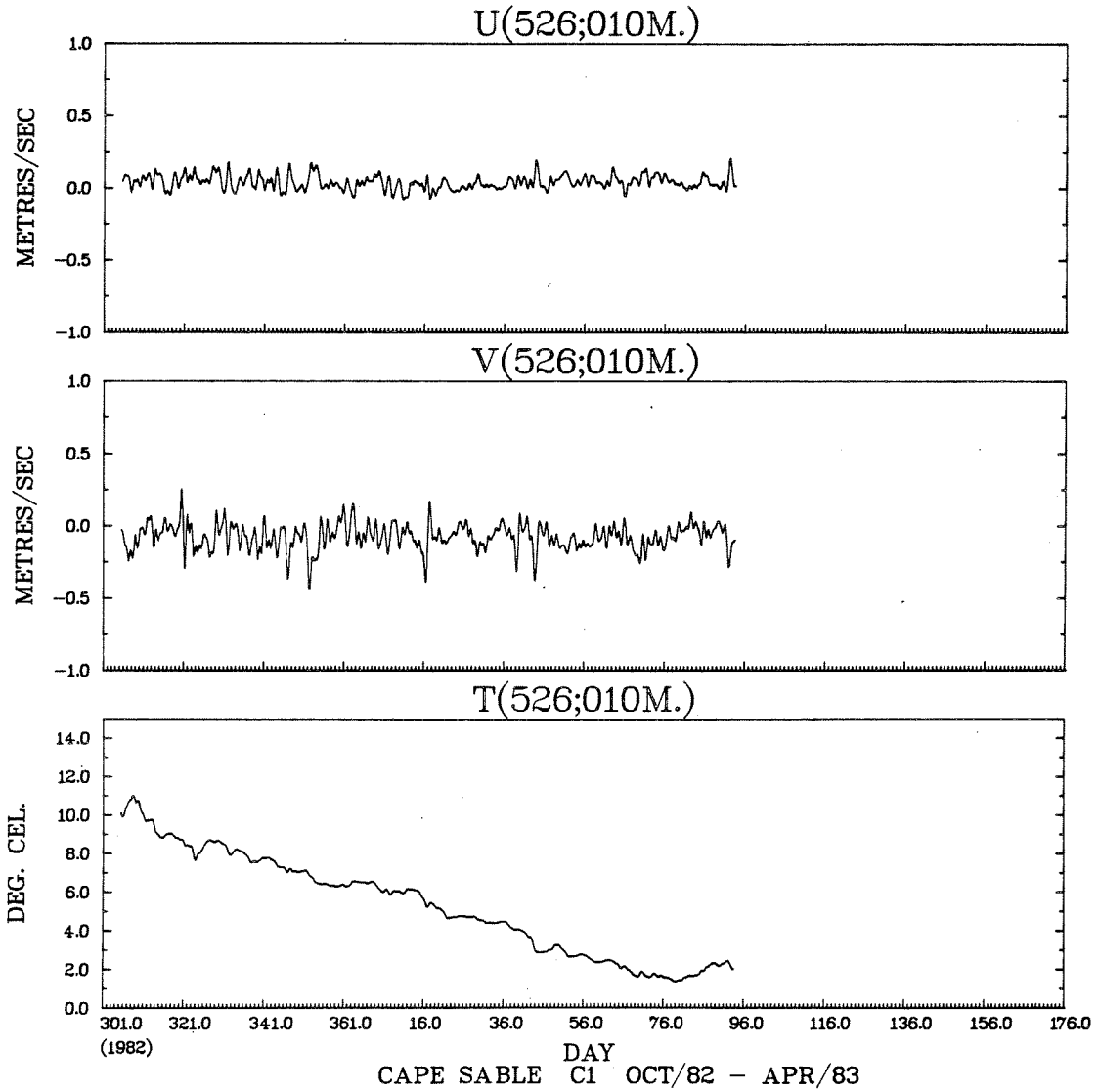
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	298	7.8	**********
1.50	2.00	609	15.9	**********
2.00	2.50	294	7.7	**********
2.50	3.00	109	2.8	**********
3.00	3.50	82	2.1	**********
3.50	4.00	273	7.1	**********
4.00	4.50	173	4.5	**********
4.50	5.00	99	2.6	**********
5.00	5.50	319	8.3	**********
5.50	6.00	333	8.7	**********
6.00	6.50	97	2.5	**********
6.50	7.00	141	3.7	**********
7.00	7.50	216	5.6	**********
7.50	8.00	171	4.5	**********
8.00	8.50	132	3.4	**********
8.50	9.00	174	4.5	**********
9.00	9.50	58	1.5	**********
9.50	10.00	14	.4	**********
10.00	10.50	28	.7	**********
10.50	11.00	100	2.6	**********
11.00	11.50	121	3.2	**********
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 3841
OUTSIDE RANGE 0


STN. 526, 10 M.
100.0
-100.0
-300.0
-500.0
-700.0
-900.0
-1100.0
KILOMETRES
303.0
323.0
343.0
363.0
18.0
38.0
58.0
78.0
N
-300.0
-100.0
100.0
300.0
500.0
700.0
900.0
KILOMETRES


STN. 526, 10 M.
0.25
0.15
0.05
-0.05
-0.15
-0.25
-0.35
-0.45
METRES/SEC
N
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 - APR/83


R(526; 10 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(526; 10 M.)
DEG. TRUE
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(526; 10 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 - APR/83


U(526;010M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(526;010M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(526;010M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
301.0
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
(1982)
DAY
CAPE SABLE C1 OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

VD(526;010M.) VS VS(526;010M.)

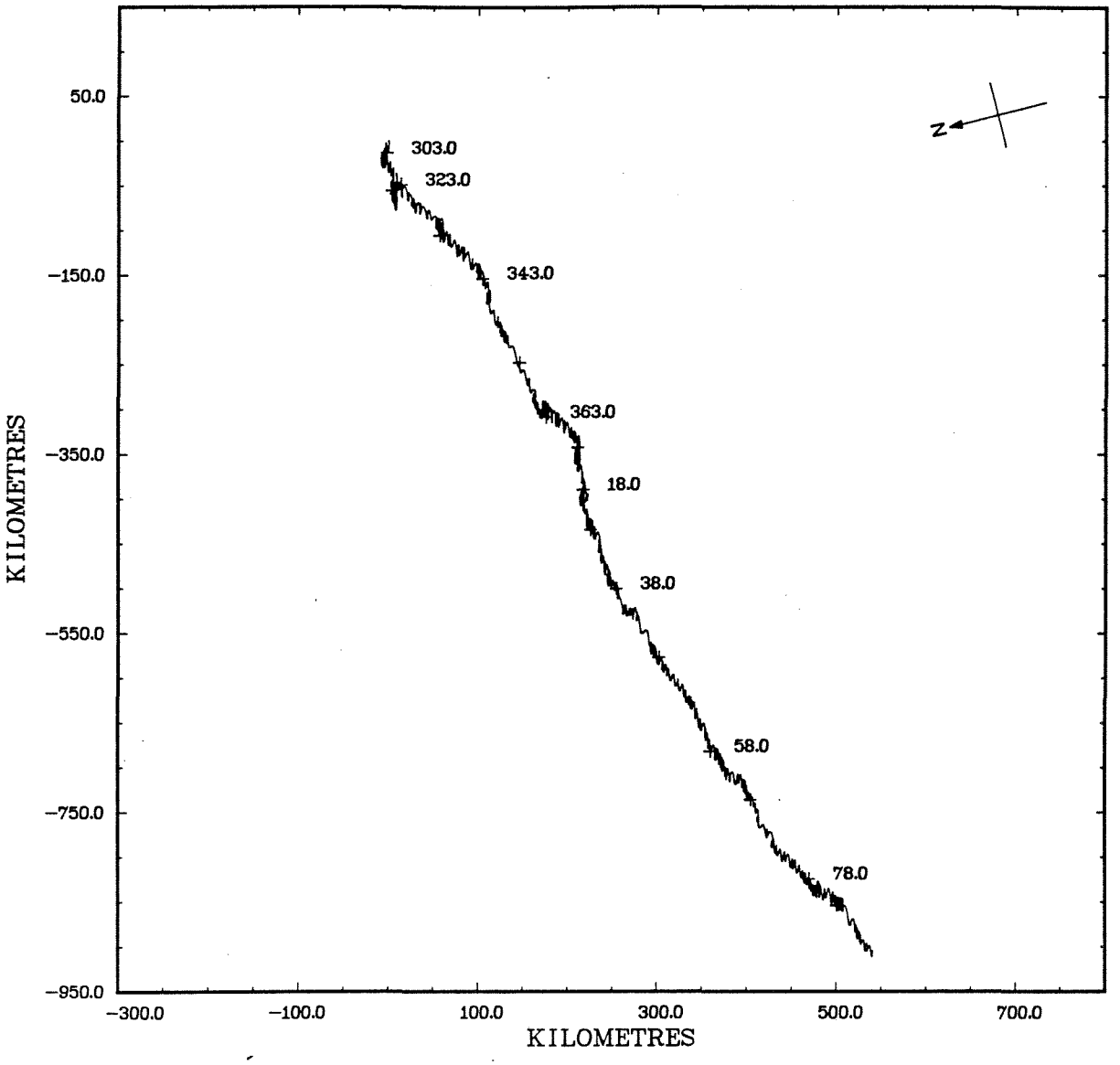
DEG. TRUE / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	1	*										.0		
1.20 TO	1.30	25	*				.1						.6		
1.10 TO	1.20	66	*				.6						1.1		
1.00 TO	1.10	117	*			.0	1.2					.0	1.8		
.90 TO	1.00	206	*			.1	1.7					.2	3.5		
.80 TO	.90	288	*			.0	2.9					.1	4.5		
.70 TO	.80	370	*			.1	3.9	.1				.3	5.3		
.60 TO	.70	475	*			.1	4.9	.3				.7	6.6		
.50 TO	.60	455	*			.3	4.9	.6				.6	5.6		
.40 TO	.50	456	*			.2	5.0	.9	.0		.1	1.0	4.6	.1	
.30 TO	.40	360	*			.6	2.7	1.6	.2		.1	1.3	2.7	.2	
.20 TO	.30	436	*	.1	.1	.7	2.4	1.6	.5	.3	.7	1.8	2.7	.5	.1
.10 TO	.20	399	*	.2	.3	.6	1.5	1.4	1.0	.7	.9	1.4	1.5	.7	.1
-.00 TO	.10	157	*	.1	.3	.4	.4	.4	.3	.2	.7	.3	.5	.2	.2
OUT OF RANGE		0	0												
SUB TOTAL		3811	0	17	29	118	1226	261	78	49	96	293	1563	63	18

HISTOGRAM OF T(526;010M.) DEG. CEL.

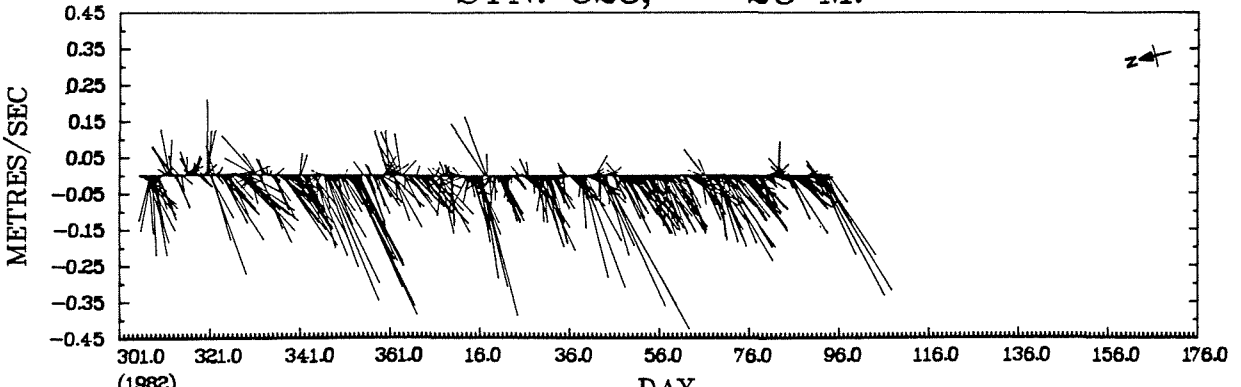
BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
-2.00	-1.50	0	0.0	
-1.50	-1.00	0	0.0	
-1.00	-.50	0	0.0	
-.50	0.00	0	0.0	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	99	2.6	**********
1.50	2.00	437	11.5	**********
2.00	2.50	359	9.4	**********
2.50	3.00	299	7.8	**********
3.00	3.50	82	2.2	**********
3.50	4.00	67	1.8	**********
4.00	4.50	230	6.0	**********
4.50	5.00	244	6.4	**********
5.00	5.50	104	2.7	**********
5.50	6.00	123	3.2	**********
6.00	6.50	446	11.7	**********
6.50	7.00	171	4.5	**********
7.00	7.50	170	4.5	**********
7.50	8.00	237	6.2	**********
8.00	8.50	191	5.0	**********
8.50	9.00	233	6.1	**********
9.00	9.50	68	1.8	**********
9.50	10.00	68	1.8	**********
10.00	10.50	99	2.6	**********
10.50	11.00	36	.9	********
11.00	11.50	30	.8	******
11.50	12.00	15	.4	***
12.00	12.50	3	.1	*
12.50	13.00	0	0.0	
13.00	13.50	0	0.0	
13.50	14.00	0	0.0	
14.00	14.50	0	0.0	
14.50	15.00	0	0.0	
15.00	15.50	0	0.0	
15.50	16.00	0	0.0	
16.00	16.50	0	0.0	
16.50	17.00	0	0.0	
17.00	17.50	0	0.0	
17.50	18.00	0	0.0	
18.00	18.50	0	0.0	
18.50	19.00	0	0.0	
19.00	19.50	0	0.0	
19.50	20.00	0	0.0	

TOTAL NO. OF SAMPLES 3811
OUTSIDE RANGE 0

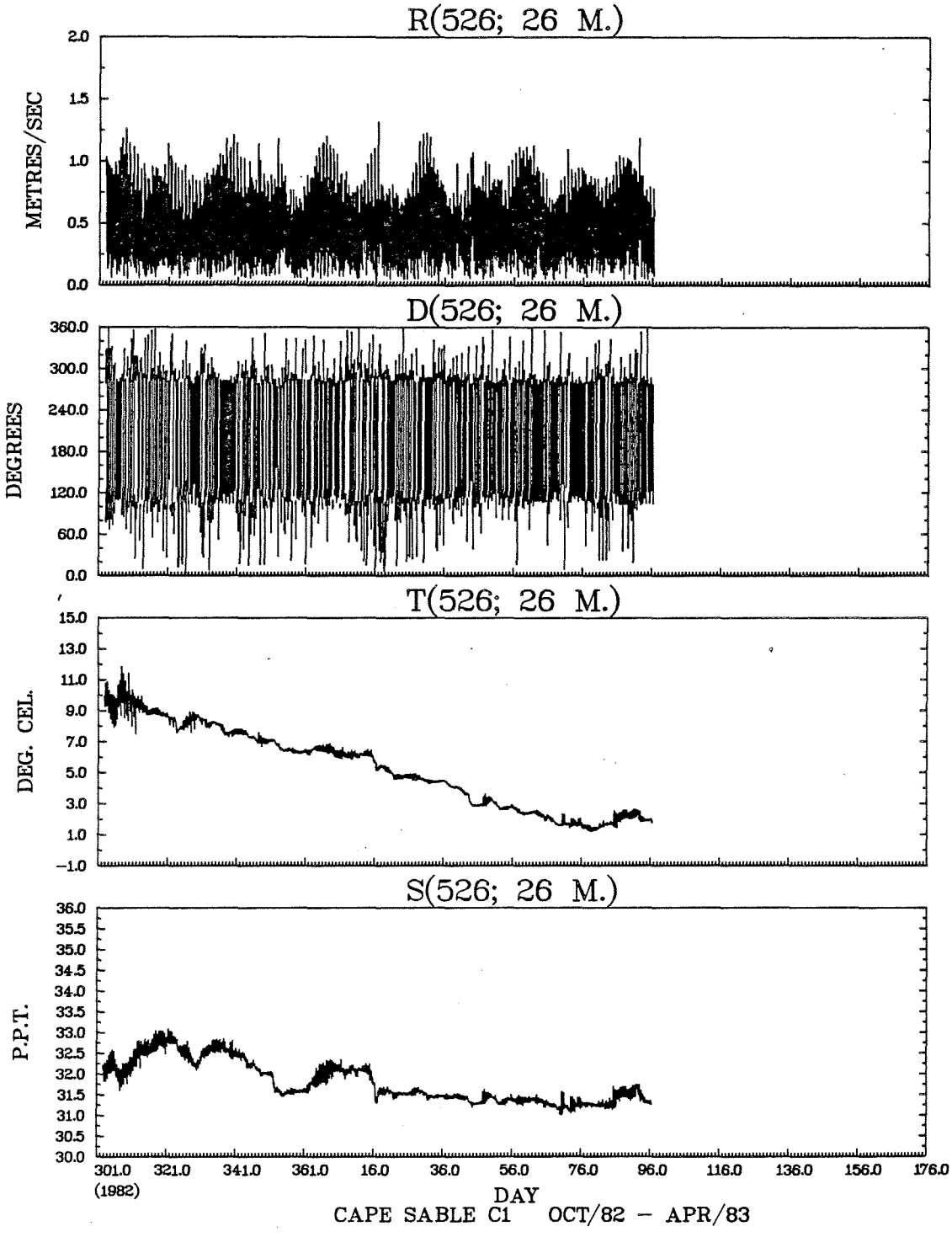
STN. 526, 26 M.

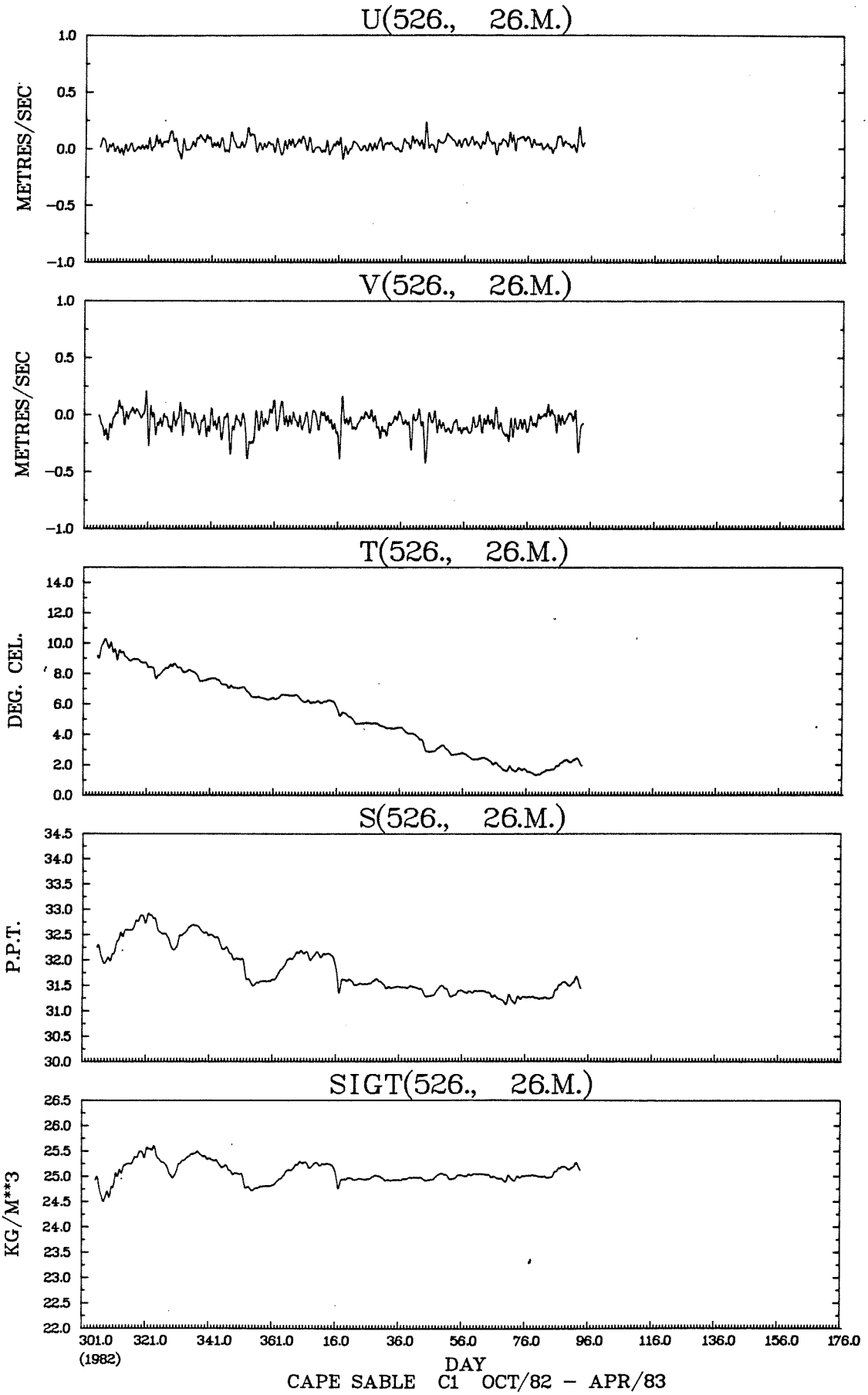


STN. 526, 26 M.



CAPE SABLE C1 OCT/82 - APR/83


R(526; 26 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(526; 26 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(526; 26 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(526; 26 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
(1982)
DAY
CAPE SABLE C1 OCT/82 - APR/83


U(526., 26.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(526., 26.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(526., 26.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(526., 26.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(526., 26.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 − APR/83

JOINT DISTRIBUTION (PERCENT)

D(526., 26.M.) VS R(526., 26.M.)

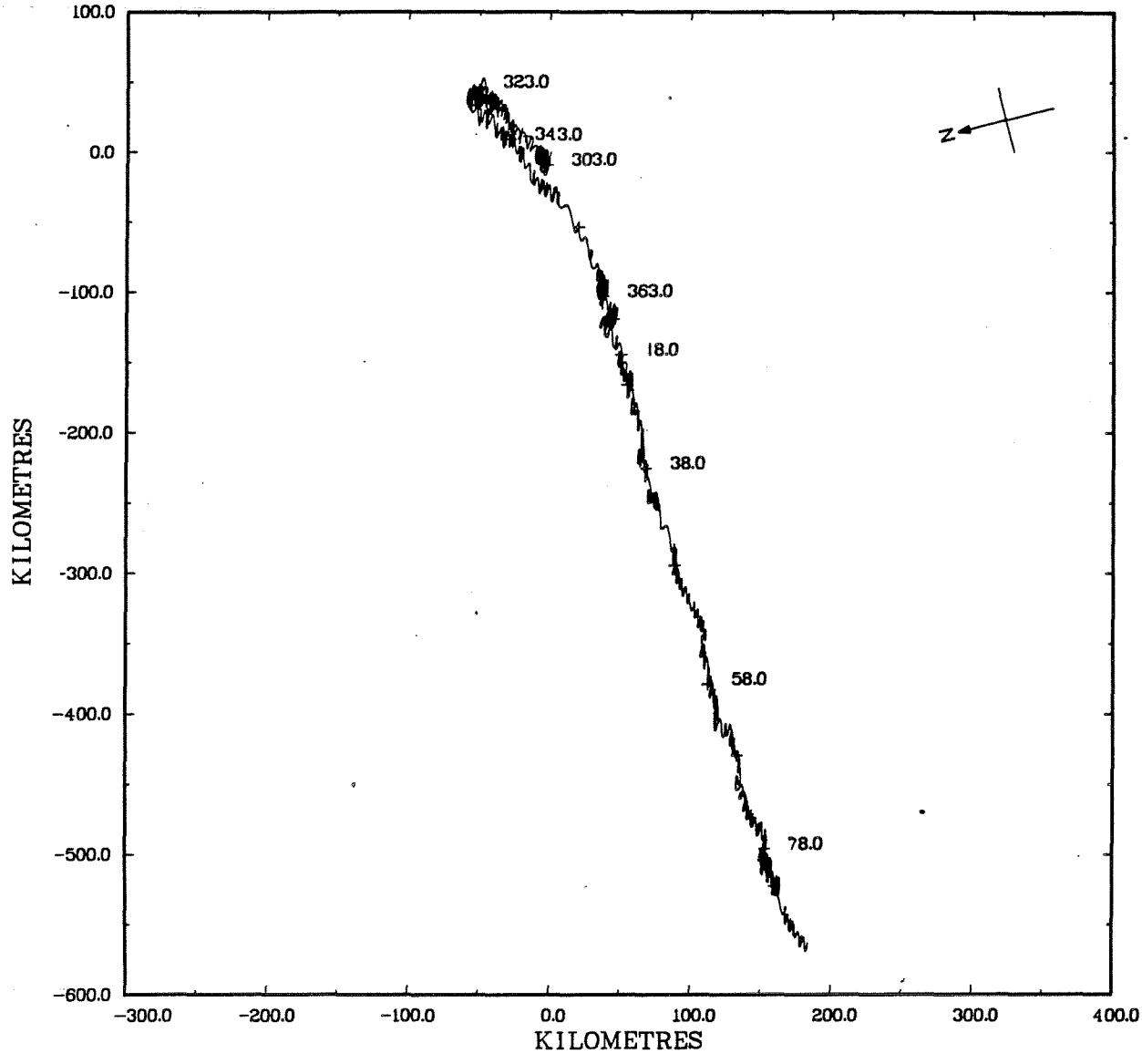
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40	1	*										.0		
1.20 TO	1.30	8	*										.2		
1.10 TO	1.20	30	*				.1						.7		
1.00 TO	1.10	83	*				.6						1.5		
.90 TO	1.00	135	*				1.3					.1	2.2		
.80 TO	.90	292	*				2.8					.2	4.7		
.70 TO	.80	431	*				4.9					.1	6.4		
.60 TO	.70	504	*				5.7	.2				.1	7.2	.0	
.50 TO	.60	509	*				6.0	1.0				.4	5.8	.1	
.40 TO	.50	464	*			.1	4.4	1.2	.0		.1	.5	5.5	.3	.0
.30 TO	.40	488	*	.0	.0	.3	3.7	2.1	.3	.1	.2	1.4	4.1	.4	.1
.20 TO	.30	394	*	.0	.2	.6	1.5	2.2	.9	.3	.4	1.5	1.6	1.1	.1
.10 TO	.20	351	*	.3	.3	.7	.4	.9	1.4	1.0	1.3	.8	.5	1.0	.5
-.00 TO	.10	120	*	.5	.4	.1	.0	.1	.4	.4	.7	.1			.5
OUT OF RANGE		0	0												
SUB TOTAL		3810	0	35	33	69	1199	291	115	69	103	197	1541	114	44

JOINT DISTRIBUTION (PERCENT)

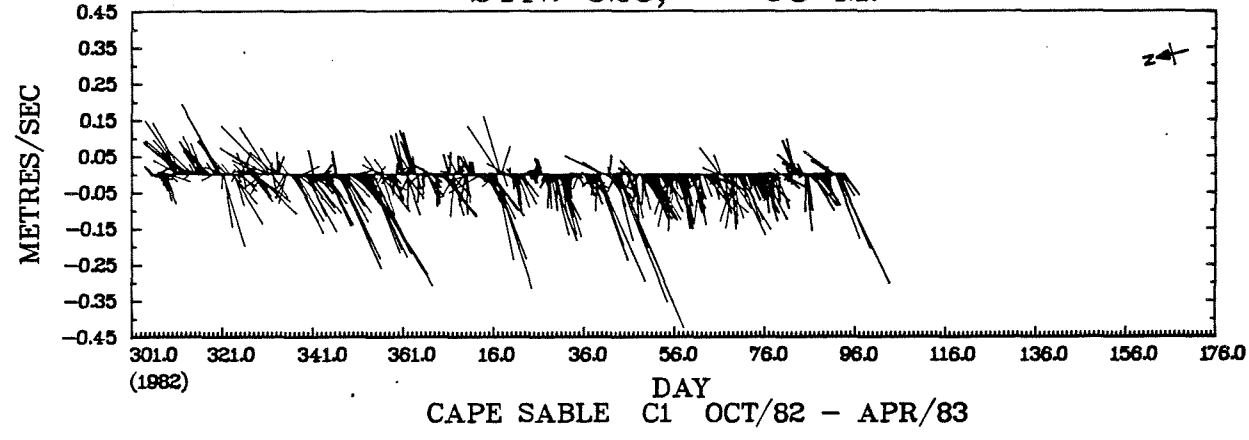
T(526., 26.M.) VS S(526., 26.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	21	*					.6					
32.50 TO	33.00	481	*					11.4	1.2				
32.00 TO	32.50	911	*				8.9	10.5	4.6				
31.50 TO	32.00	935	*		3.4	6.9	12.1	.8	1.2	.2			
31.00 TO	31.50	1462	*		27.7	9.6	1.0						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3810	0		1185	627	840	885	266	7			

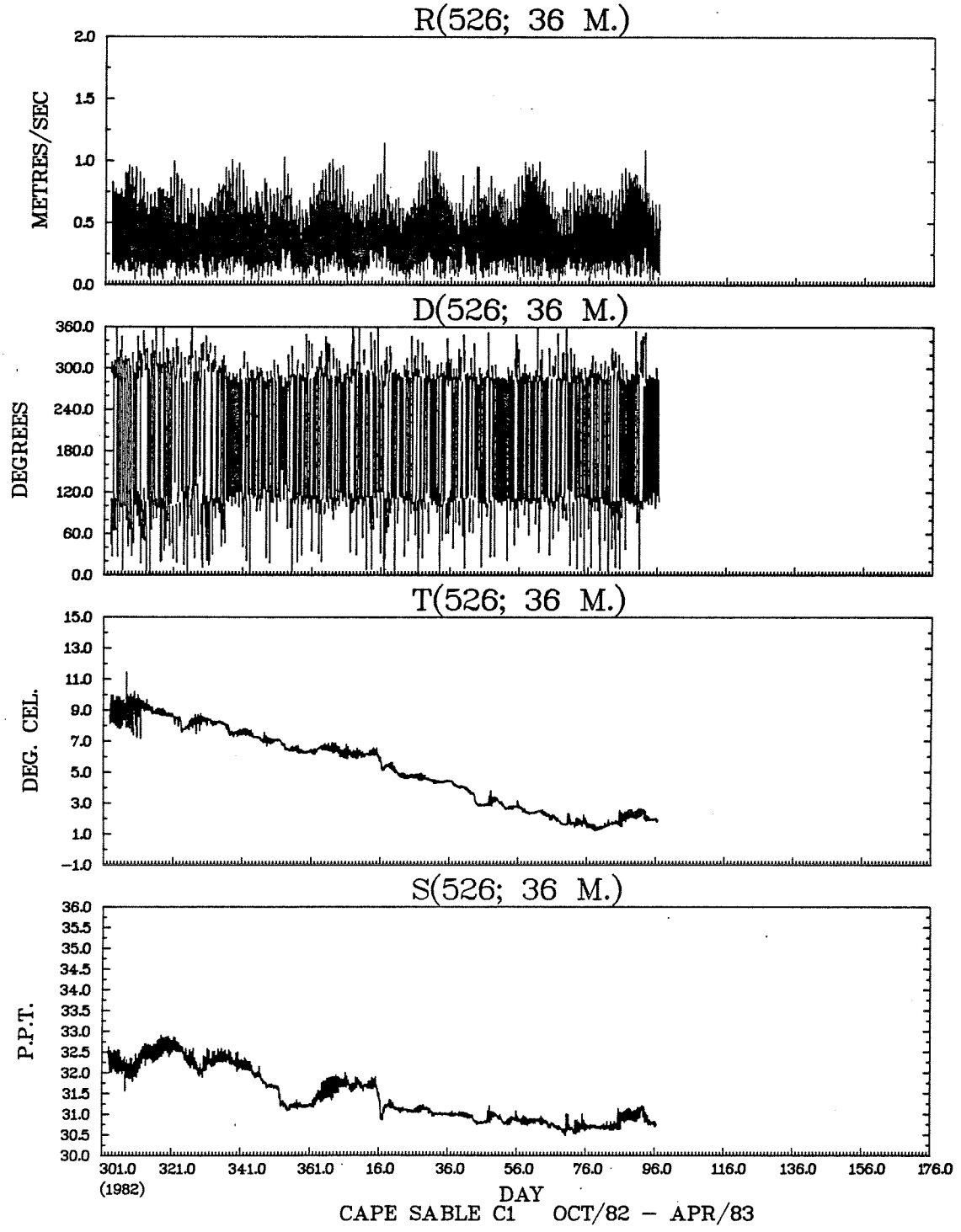
STN. 526, 36 M.

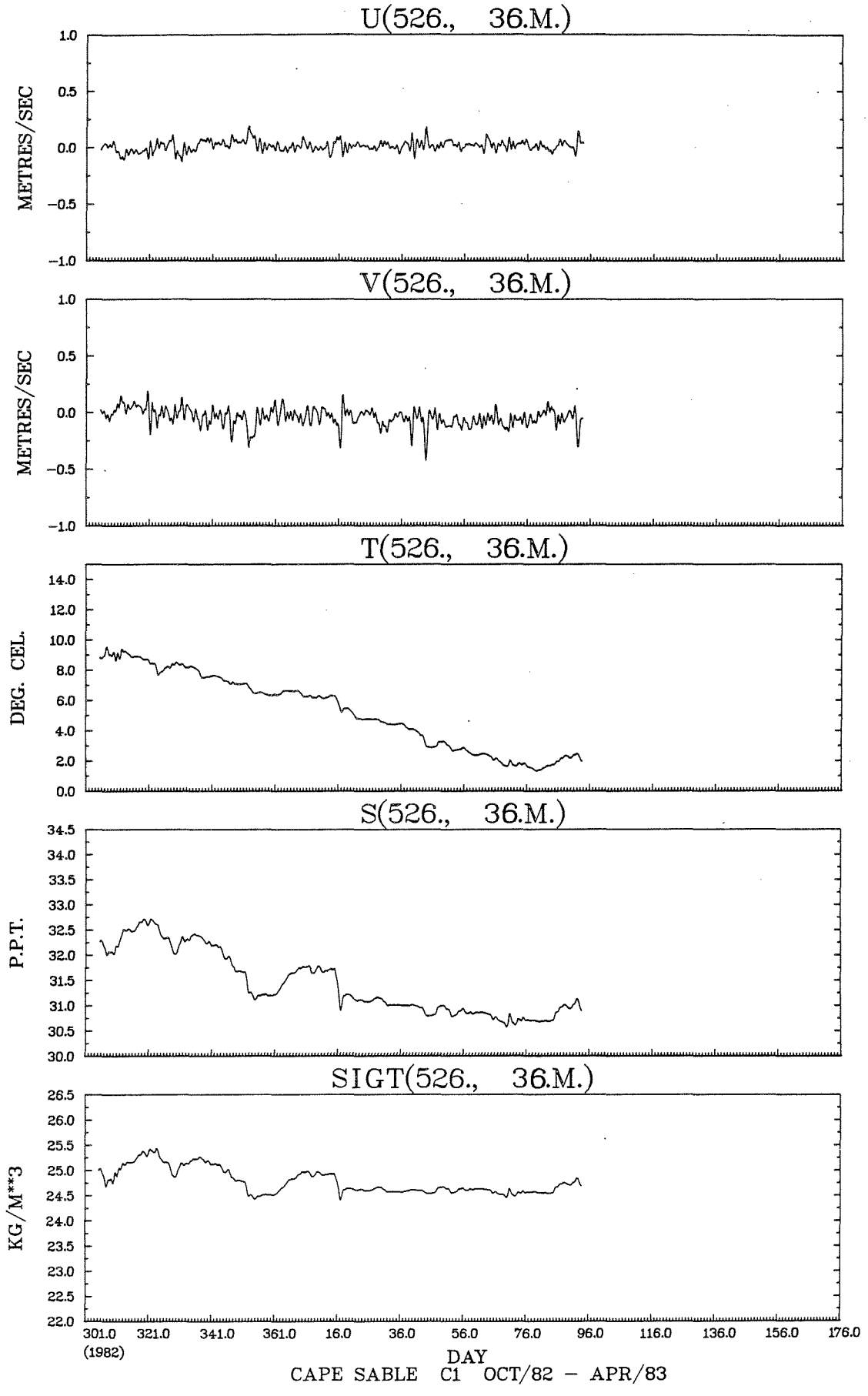


STN. 526, 36 M.



CAPE SABLE C1 OCT/82 - APR/83


R(526; 36 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(526; 36 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(526; 36 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(526; 36 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 - APR/83


U(526., 36.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(526., 36.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(526., 36.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(526., 36.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(526., 36.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 − APR/83

JOINT DISTRIBUTION (PERCENT)

D(526., 36.M.) VS R(526., 36.M.)

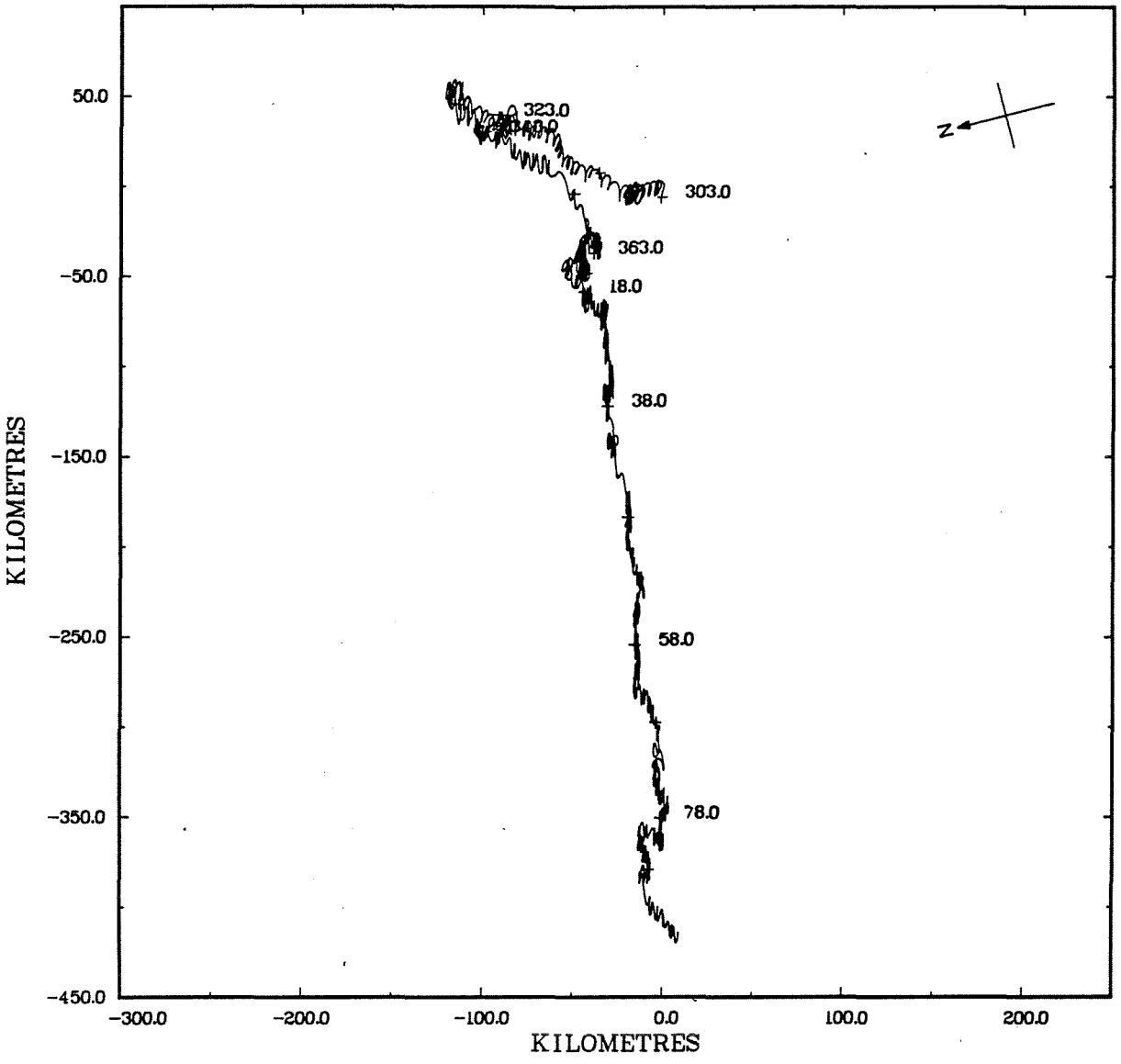
DEGREES METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20	2	*										.1		
1.00 TO	1.10	13	*				.0						.3		
.90 TO	1.00	62	*				.5	.0					1.1		
.80 TO	.90	134	*				1.3	.1				.1	2.1	.0	
.70 TO	.80	300	*				3.0	.1				.0	4.8	.1	
.60 TO	.70	537	*			.0	6.2	.4				.0	7.1	.3	
.50 TO	.60	607	*			.0	6.7	.6				.1	7.4	1.1	
.40 TO	.50	571	*			.2	6.1	1.5				.3	5.6	1.3	
.30 TO	.40	547	*	.0	.0	.4	4.0	2.3	.3	.0	.2	.6	4.9	1.5	.1
.20 TO	.30	479	*	.2	.1	.7	1.9	2.7	.6	.2	.3	1.3	2.6	1.8	.2
.10 TO	.20	436	*	.7	.6	.9	.7	1.1	1.3	1.2	1.3	1.7	.5	.8	.7
-.00 TO	.10	122	*	.5	.4	.2	.1		.4	.5	.5	.3		.1	.3
OUT OF RANGE		0	0												
SUB TOTAL		3810	0	50	42	92	1161	336	98	76	90	166	1389	262	48

JOINT DISTRIBUTION (PERCENT)

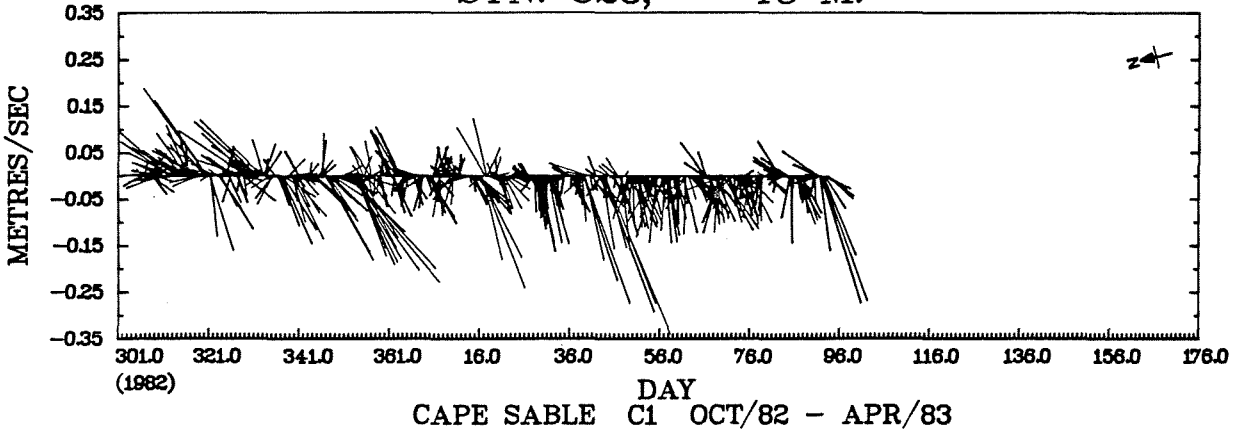
T(526., 36.M.) VS S(526., 36.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	254	*					6.0	.7				
32.00 TO	32.50	703	*				.0	14.8	3.6				
31.50 TO	32.00	595	*				10.4	4.3	.9	.1			
31.00 TO	31.50	962	*		2.7	11.2	11.4	.0					
30.50 TO	31.00	1295	*		28.1	5.4	.5						
30.00 TO	30.50	1	*		.0								
OUT OF RANGE		0	0										
SUB TOTAL		3810	0		1175	631	847	956	199	2			

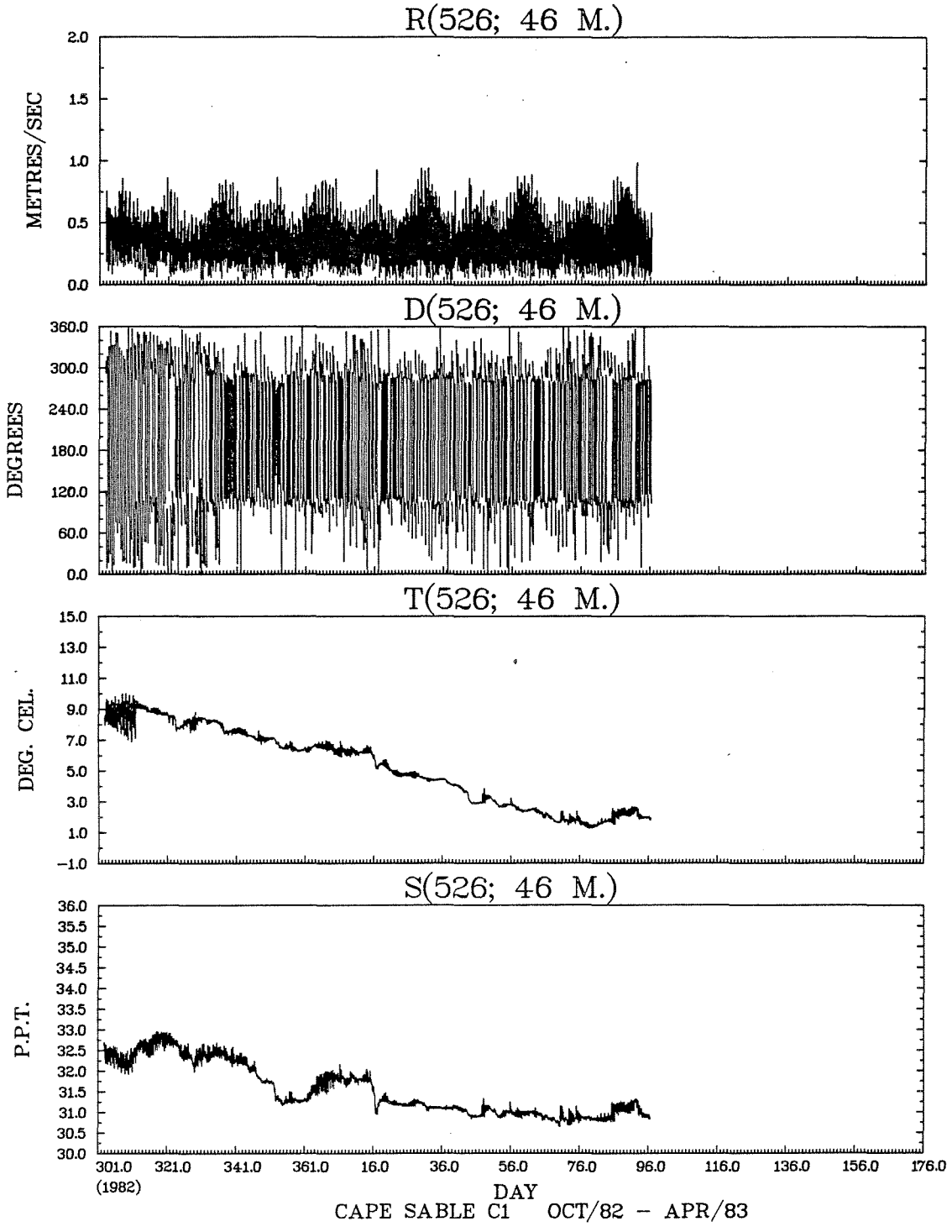
STN. 526, 46 M.

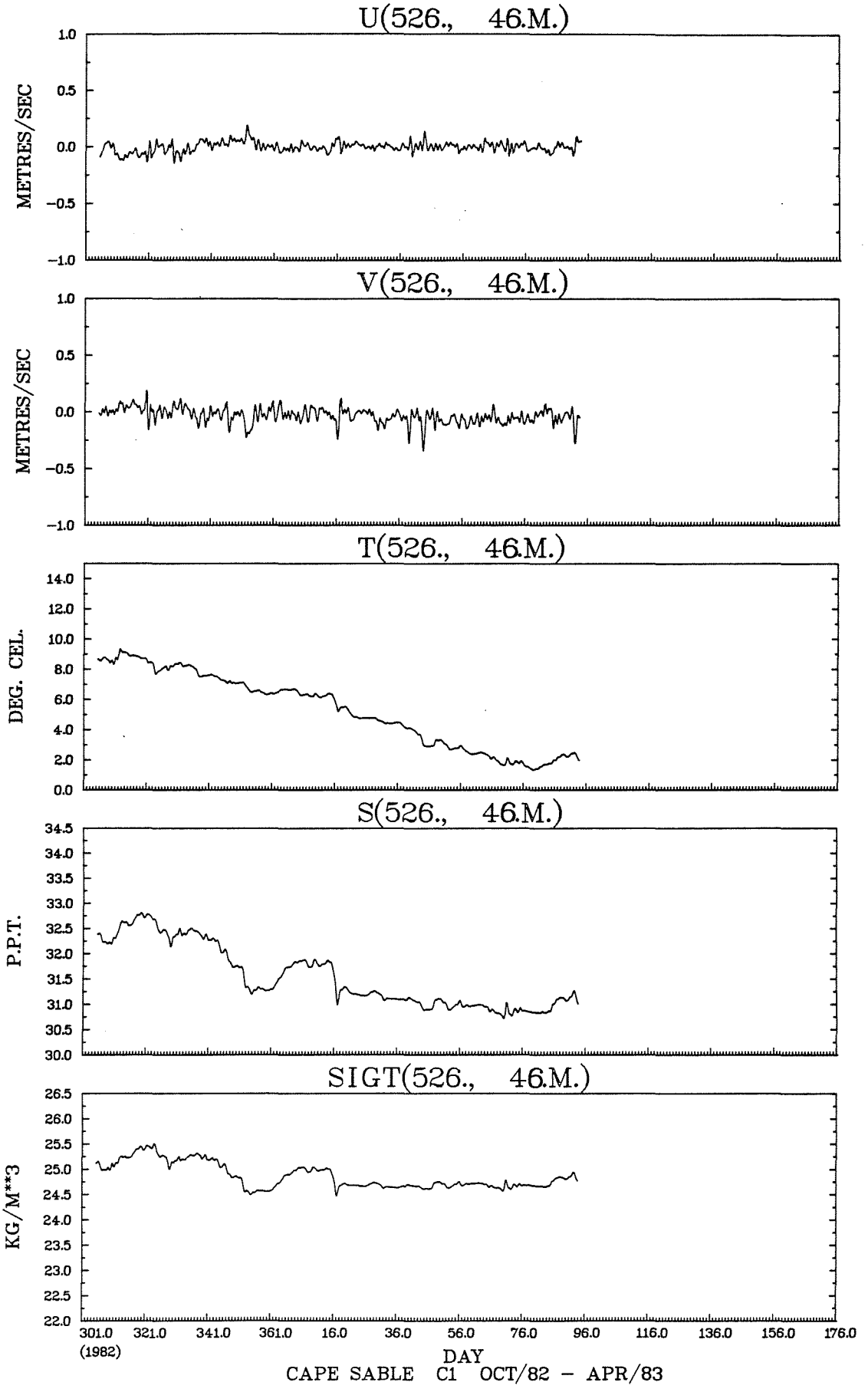


STN. 526, 46 M.



CAPE SABLE C1 OCT/82 - APR/83


R(526; 46 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(526; 46 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(526; 46 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
−1.0
S(526; 46 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
(1982)
DAY
CAPE SABLE C1 OCT/82 - APR/83


U(526., 46.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(526., 46.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(526., 46.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(526., 46.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(526., 46.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0 321.0 341.0 361.0 16.0 36.0 56.0 76.0 96.0 116.0 136.0 156.0 176.0
(1982)
DAY
CAPE SABLE C1 OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

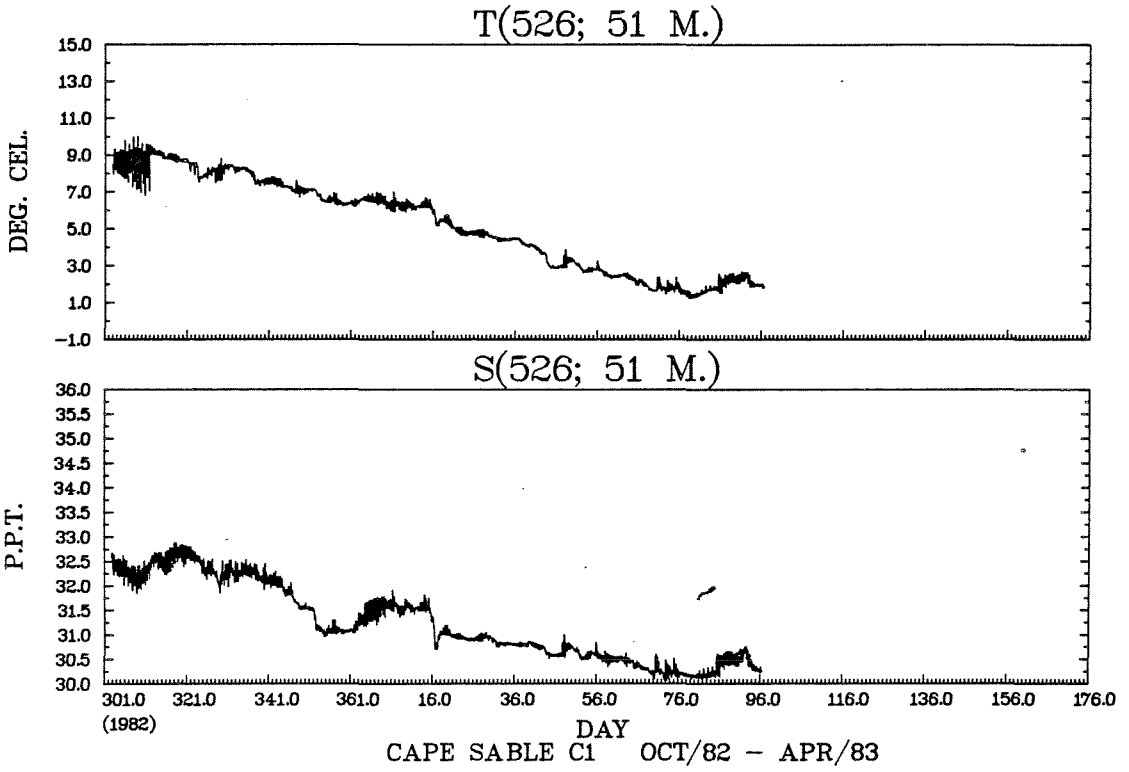
D(526., 46.M.) VS R(526., 46.M.)

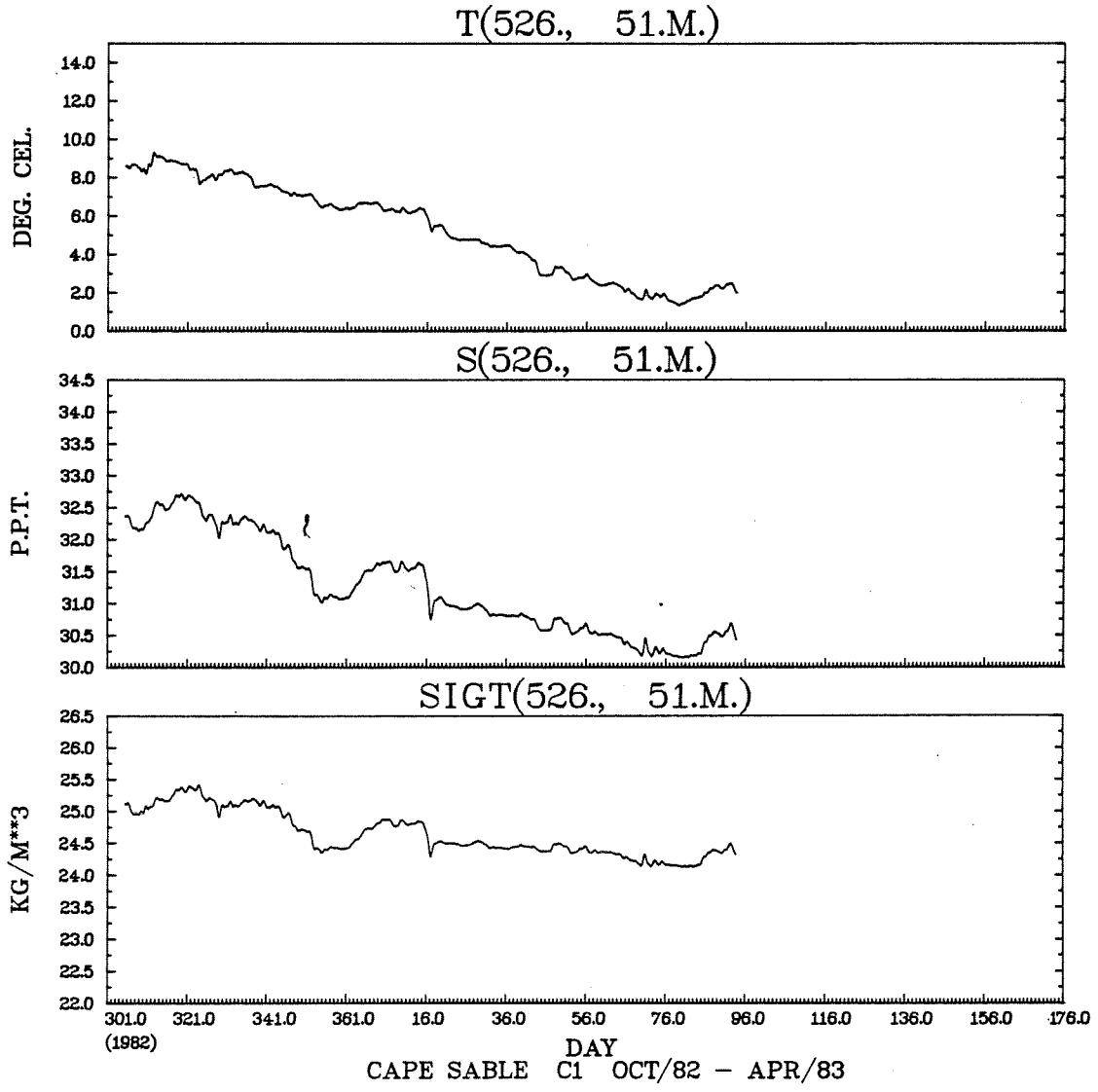
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00	9	*										.2		
.80 TO	.90	46	*				.3	.0					.9		
.70 TO	.80	144	*				1.4	.1				.0	2.3		
.60 TO	.70	315	*				3.1	.2				.1	4.9	.0	
.50 TO	.60	649	*			.3	7.3	.3				.1	8.0	.9	
.40 TO	.50	772	*			.4	8.6	1.0	.1			.3	7.8	1.9	.2
.30 TO	.40	630	*	.1	.1	.9	5.3	1.7	.2	.0		.7	5.5	1.7	.4
.20 TO	.30	553	*	.4	.2	1.0	3.4	2.3	.3	.1	.3	1.7	3.4	1.2	.4
.10 TO	.20	510	*	.6	.7	.8	1.1	1.9	1.6	.8	.9	2.0	1.1	1.3	.6
-.00 TO	.10	182	*	.5	.4	.3		.2	.5	.8	.8	.3	.0	.3	.6
OUT OF RANGE		0	0												
SUB TOTAL		3810	0	59	55	142	1159	295	101	63	74	199	1297	280	86

JOINT DISTRIBUTION (PERCENT)

T(526., 46.M.) VS S(526., 46.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	396	*				.0	9.0	1.4				
32.00 TO	32.50	647	*				.4	13.8	2.8				
31.50 TO	32.00	552	*				11.0	3.3	.2				
31.00 TO	31.50	1299	*		7.5	15.9	10.6	.0					
30.50 TO	31.00	916	*		23.0	.8	.3						
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3810	0		1162	636	849	994	169				


T(526; 51 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(526; 51 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 - APR/83

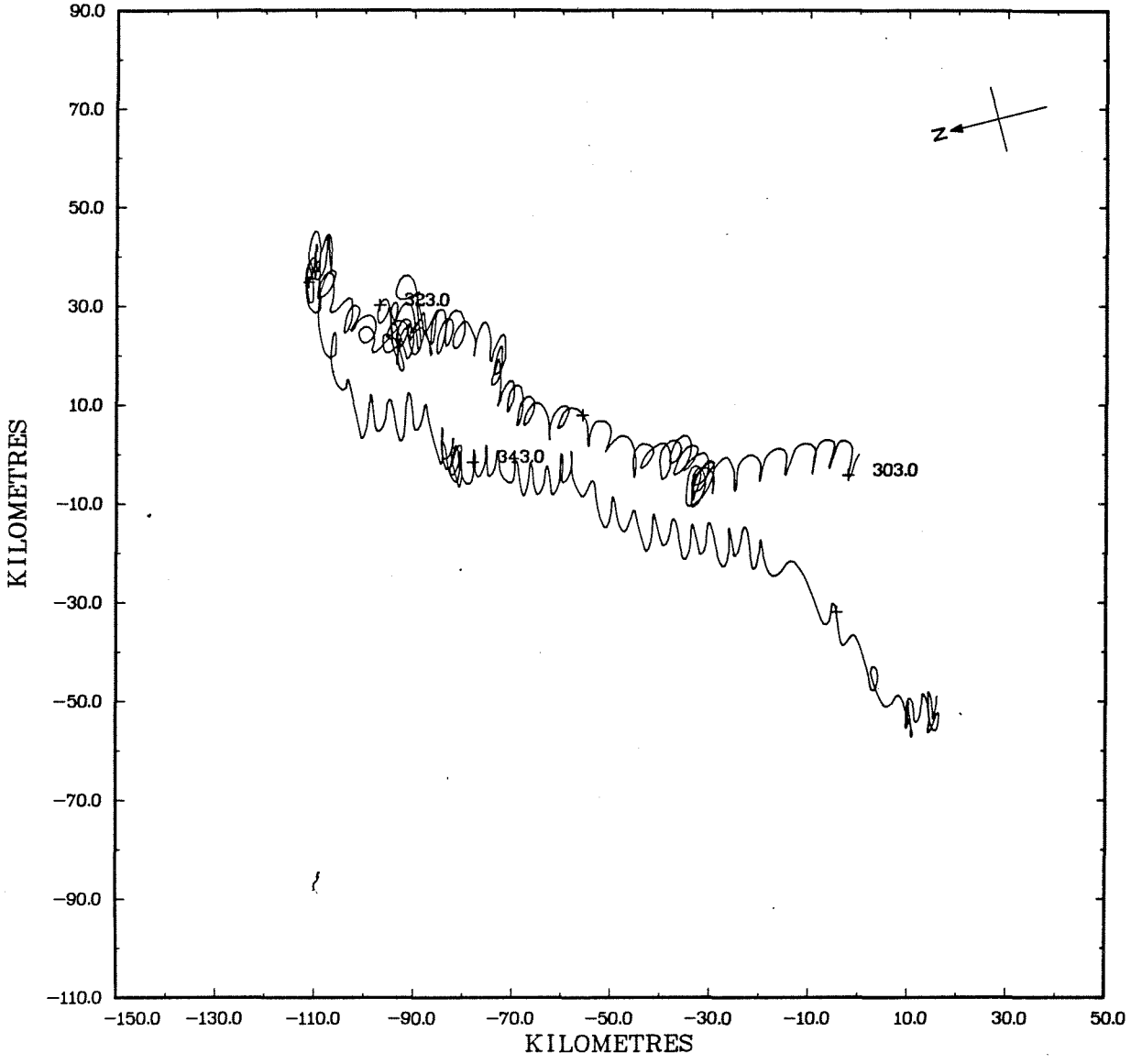

T(526., 51.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(526., 51.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(526., 51.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
(1982)
DAY
CAPE SABLE C1 OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

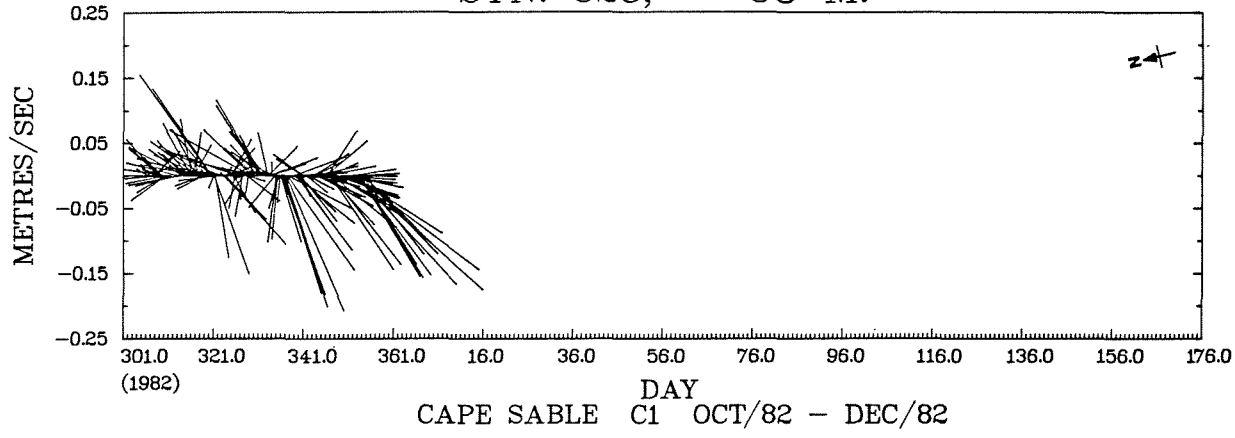
T(526., 51.M.) VS S(526., 51.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50		*										
32.50 TO	33.00	275	*				.0	6.1	1.1				
32.00 TO	32.50	695	*				.1	15.5	2.7				
31.50 TO	32.00	504	*				8.3	4.6	.4				
31.00 TO	31.50	511	*			.7	12.5	.2					
30.50 TO	31.00	1116	*		11.8	16.1	1.4						
30.00 TO	30.50	709	*		18.6								
OUT OF RANGE		0	0										
SUB TOTAL		3810	0		1158	639	850	1005	158				

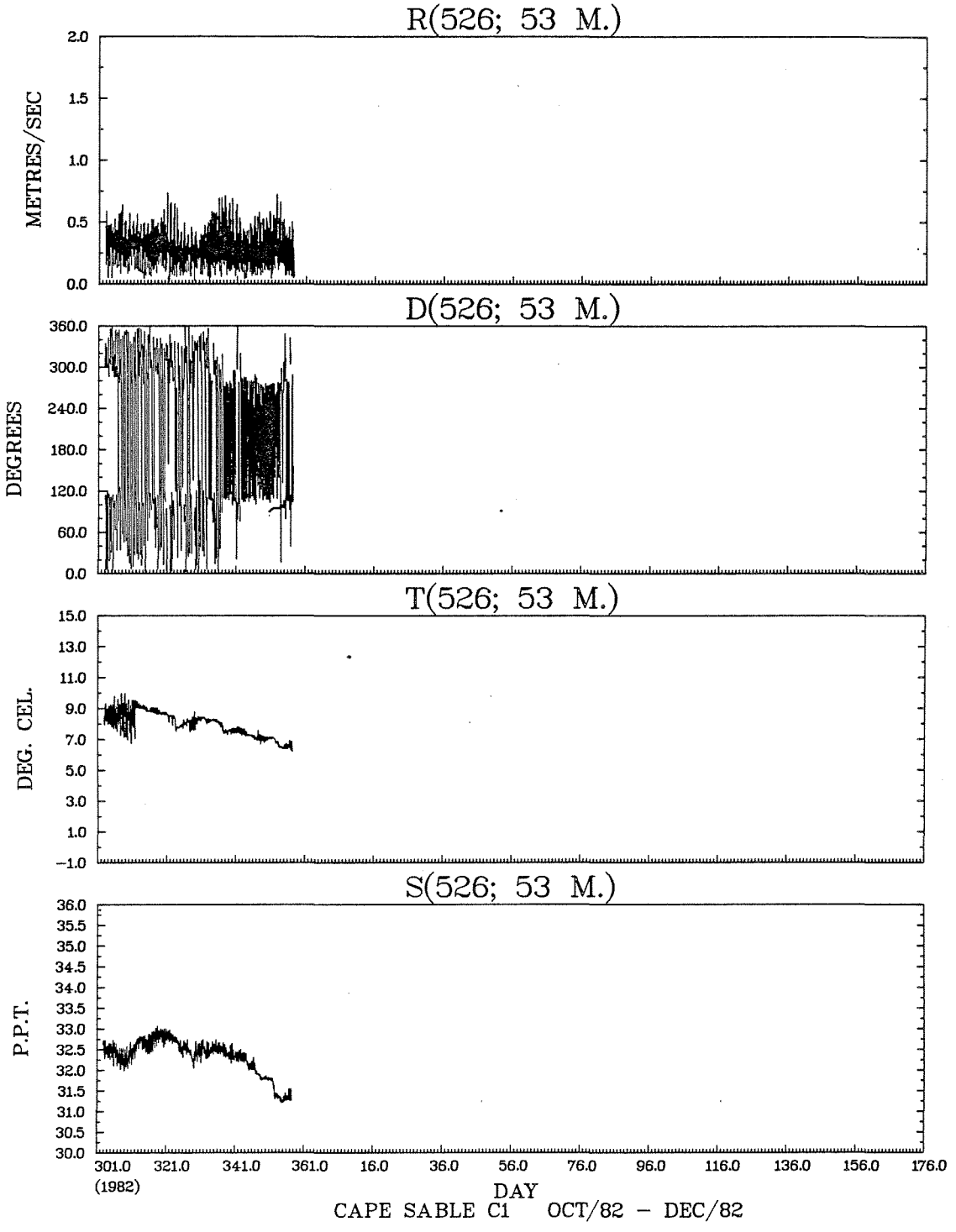
STN. 526, 53 M.

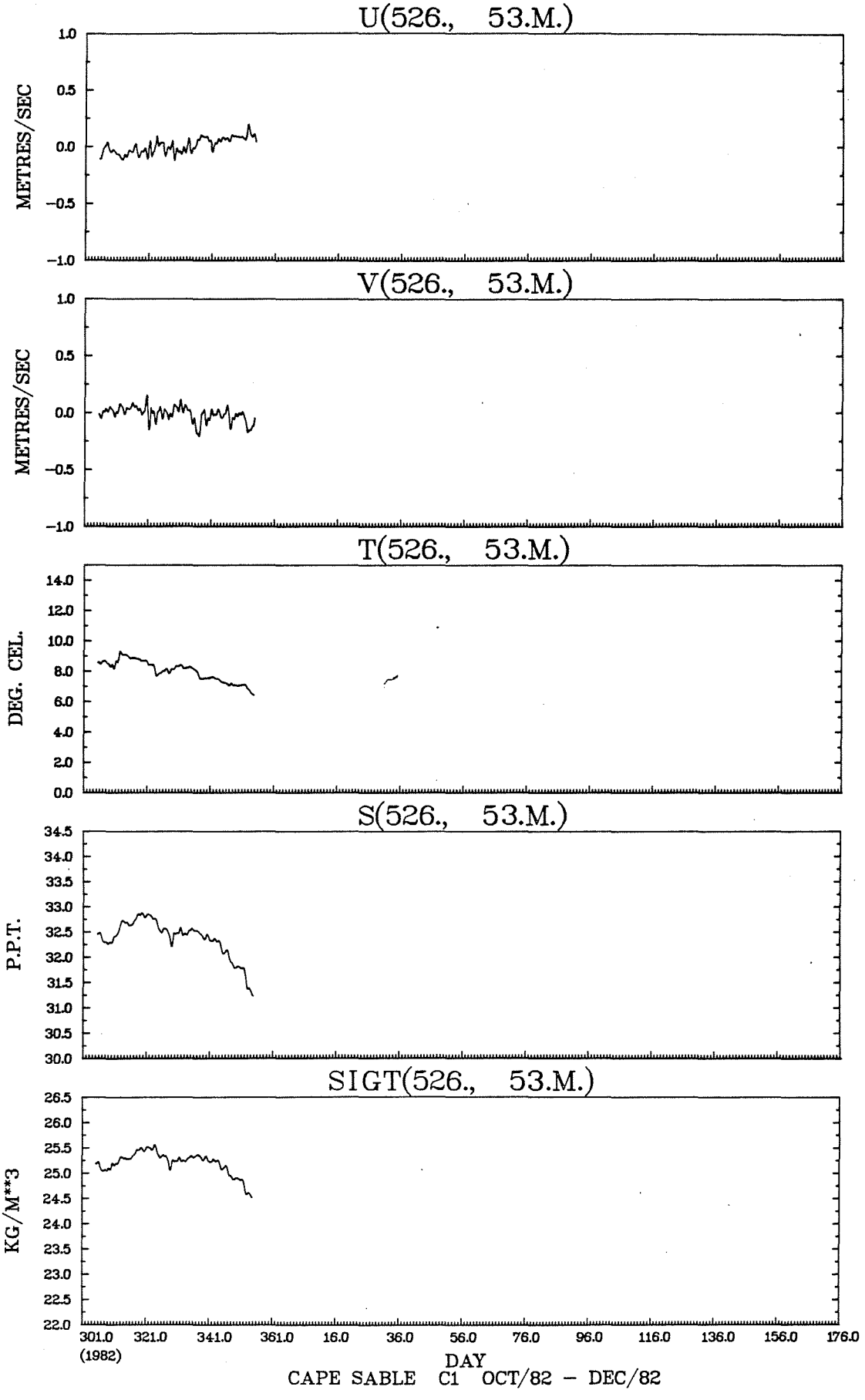


STN. 526, 53 M.



CAPE SABLE C1 OCT/82 - DEC/82


R(526; 53 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(526; 53 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(526; 53 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(526; 53 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 - DEC/82


U(526., 53.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(526., 53.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(526., 53.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(526., 53.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(526., 53.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C1 OCT/82 - DEC/82

JOINT DISTRIBUTION (PERCENT)

D(526., 53.M.) VS R(526., 53.M.)

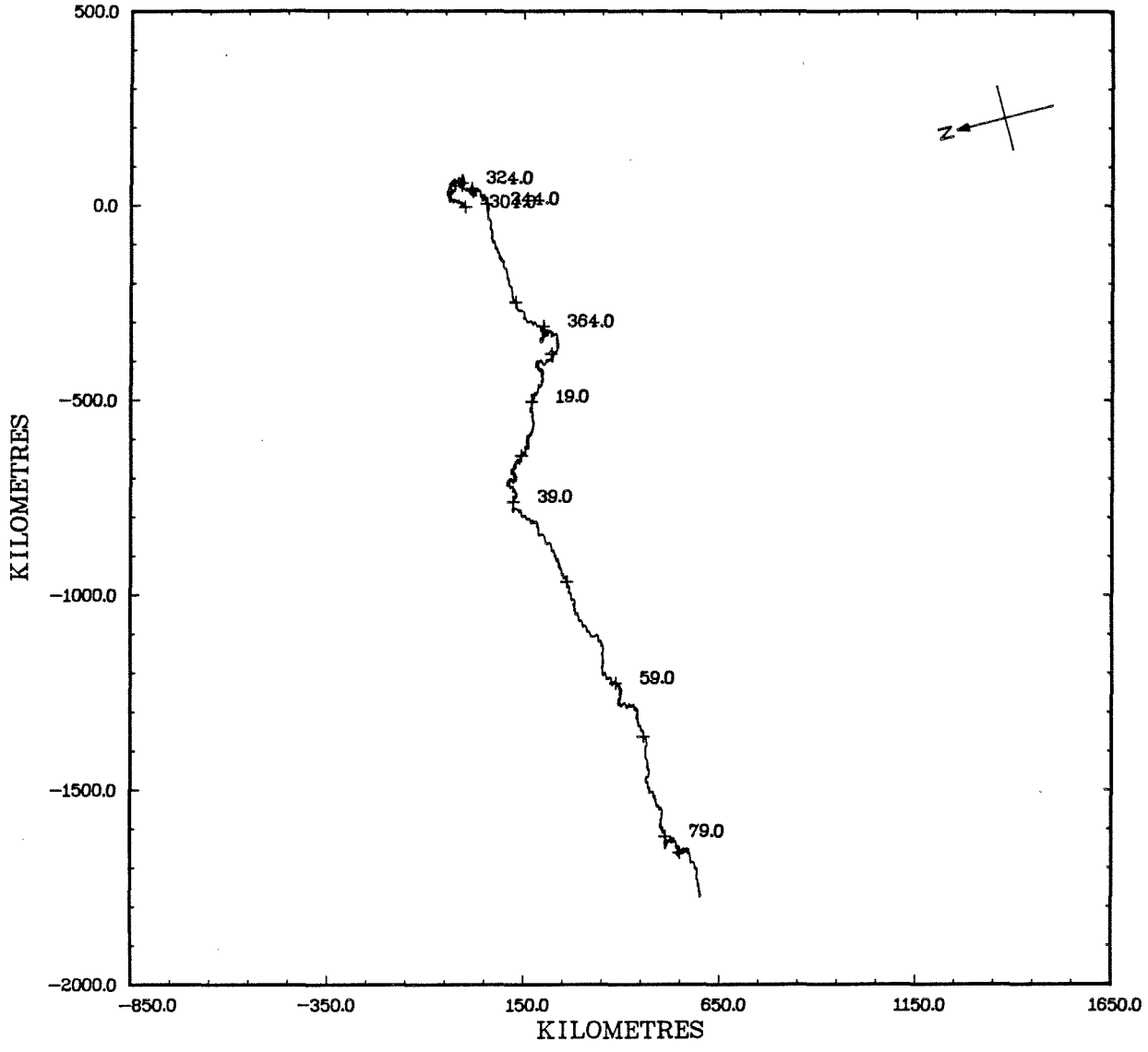
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90		*												
.70 TO	.80	5	*				.2					.1	.2		
.60 TO	.70	26	*				.9	.1				.5	.5		
.50 TO	.60	92	*				2.3	.4	.1			1.0	3.2	.1	
.40 TO	.50	271	*			.8	7.4	1.6				1.2	7.1	2.5	.1
.30 TO	.40	340	*	.3	.2	1.4	7.0	2.8	.8		.3	1.7	5.9	4.1	1.4
.20 TO	.30	314	*	1.4	1.2	1.8	4.2	4.0	1.1	.4	.2	2.4	3.0	2.4	1.9
.10 TO	.20	212	*	.7	1.1	.8	1.6	1.8	1.2	1.5	1.3	2.4	1.3	1.4	1.0
-.00 TO	.10	54	*	.2	.4	.3	.2	.1	.5	.5	.8	.4	.2	.5	.2
OUT OF RANGE		0	0												
SUB TOTAL		1314	0	34	37	67	311	141	49	31	34	125	280	144	61

JOINT DISTRIBUTION (PERCENT)

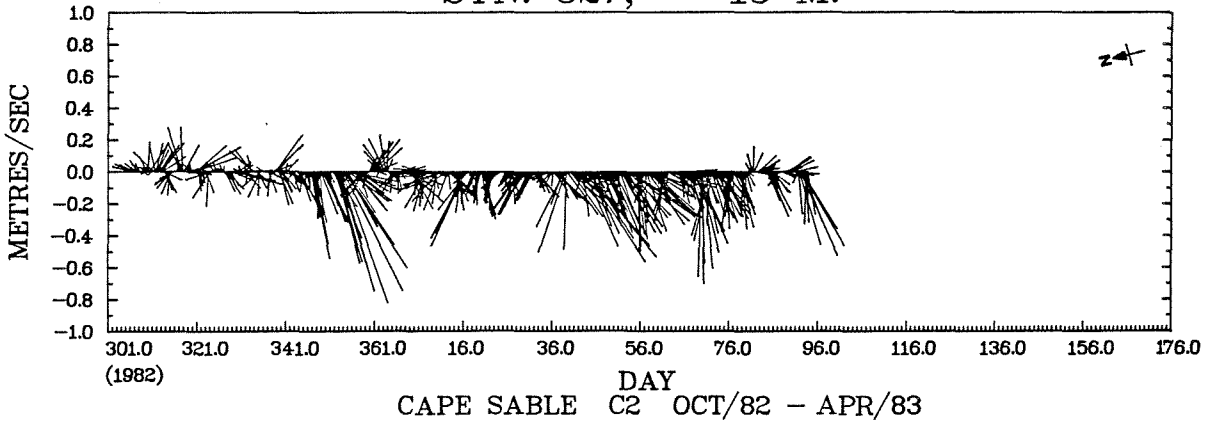
T(526., 53.M.) VS S(526., 53.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	9	*					.7					
32.50 TO	33.00	516	*				.2	33.8	5.3				
32.00 TO	32.50	535	*					34.9	5.9				
31.50 TO	32.00	139	*				3.1	7.4	.1				
31.00 TO	31.50	115	*				8.8						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		1314	0				159	1008	147				

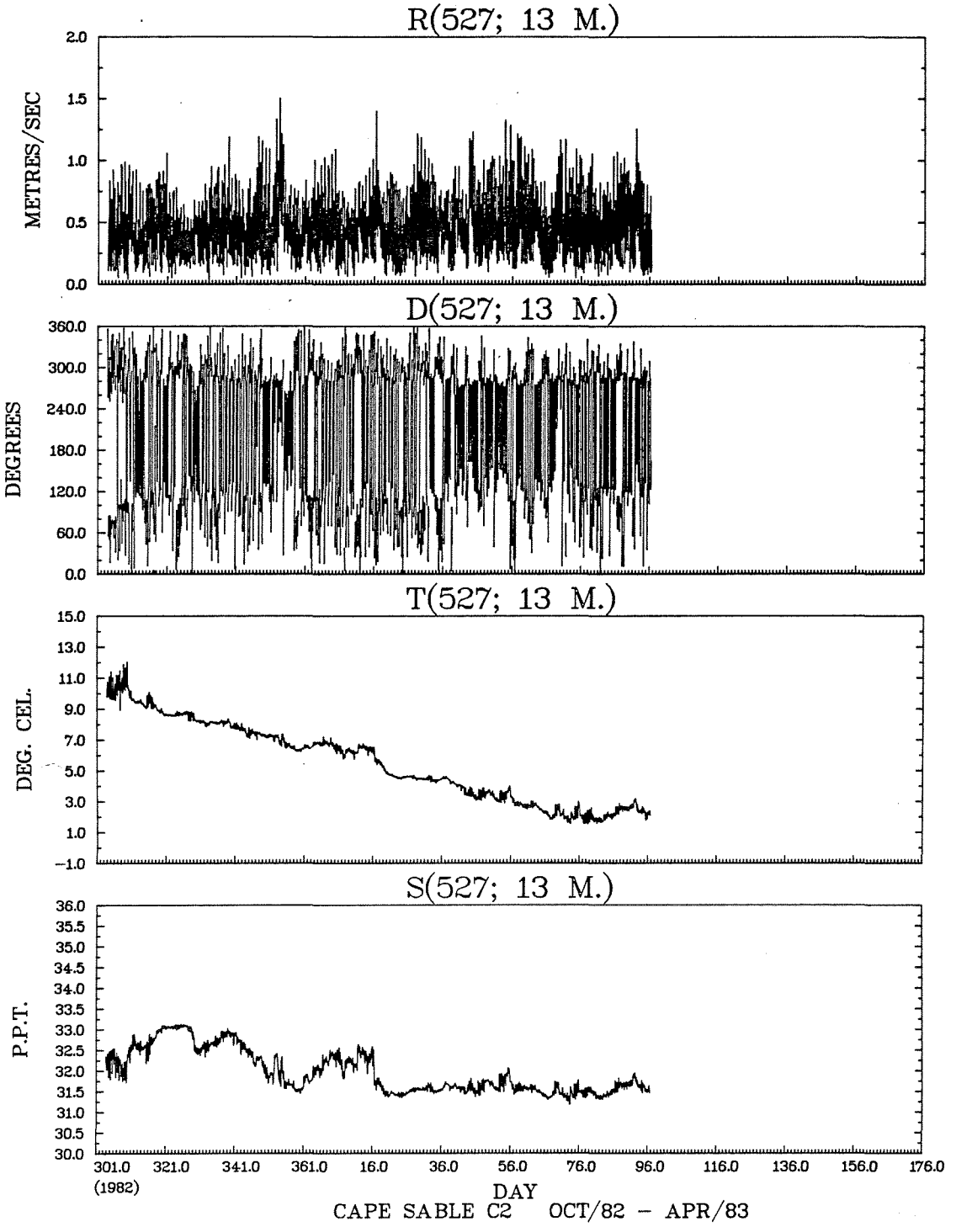
STN. 527, 13 M.

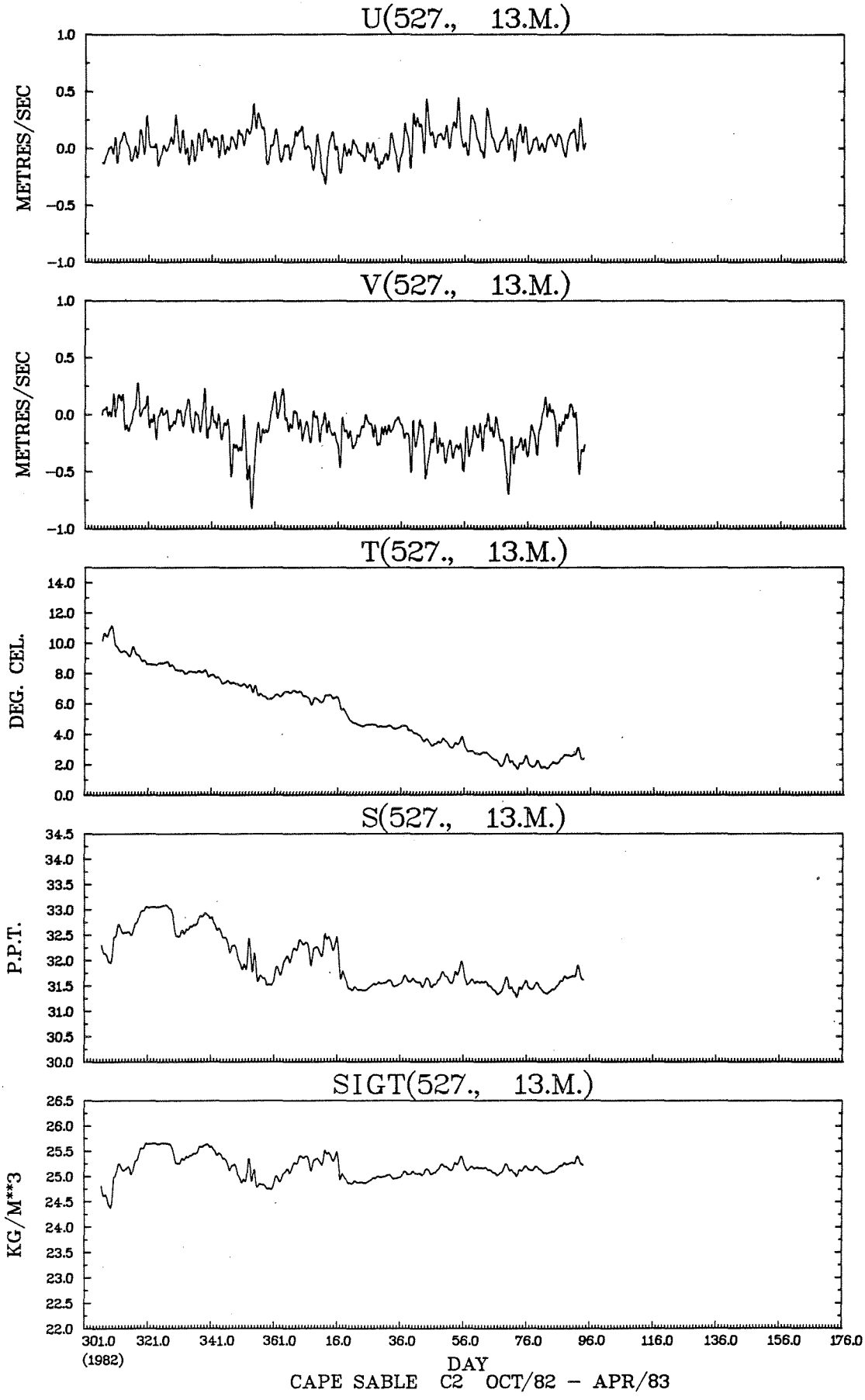


STN. 527, 13 M.



CAPE SABLE C2 OCT/82 – APR/83


R(527; 13 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(527; 13 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(527; 13 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(527; 13 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C2 OCT/82 - APR/83


U(527., 13.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(527., 13.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(527., 13.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(527., 13.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(527., 13.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
(1982)
DAY
CAPE SABLE C2 OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

D(527., 13.M.) VS R(527., 13.M.)

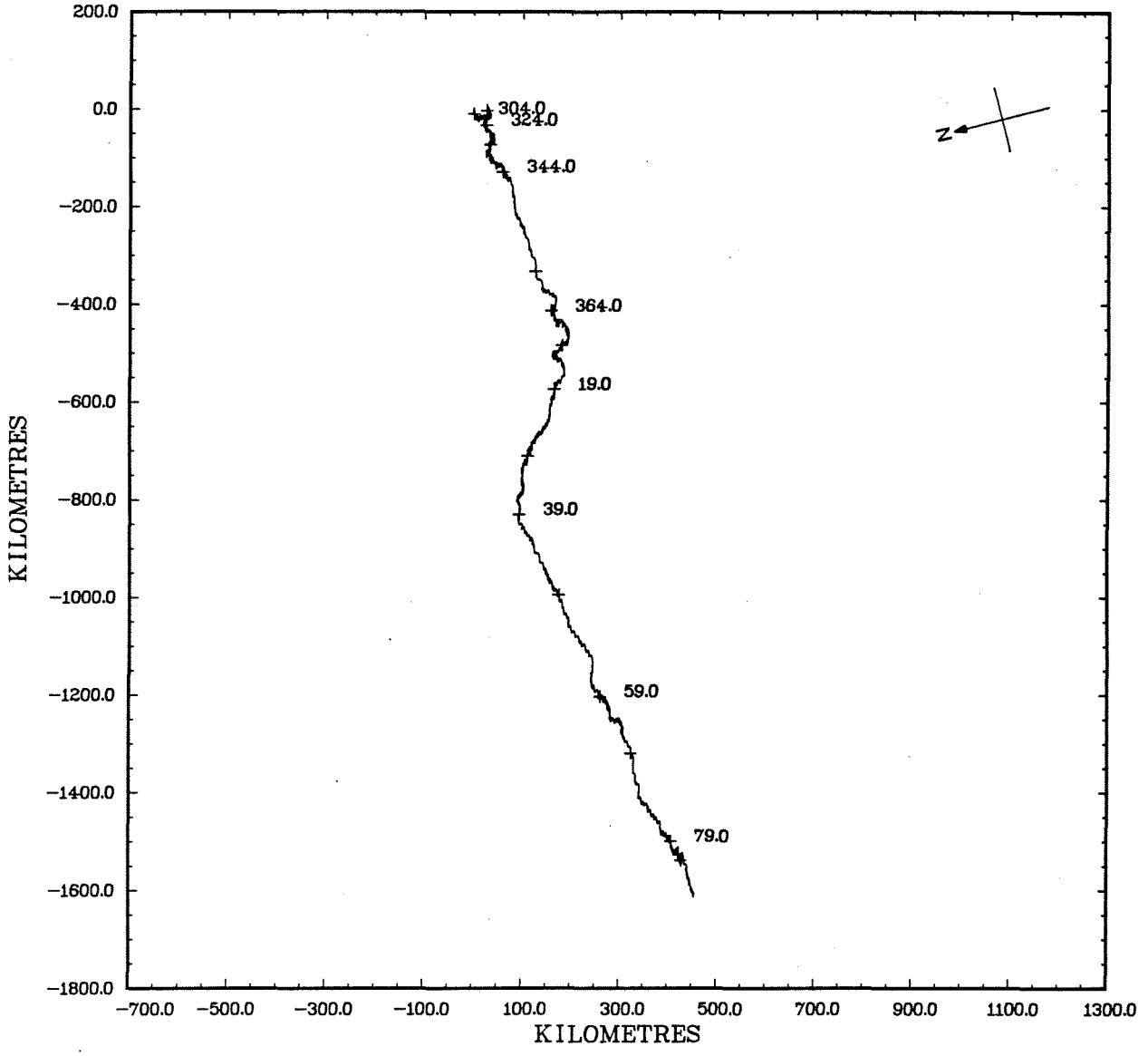
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60	1	*										.0		
1.40 TO	1.50	2	*										.1		
1.30 TO	1.40	5	*							.0			.1		
1.20 TO	1.30	8	*							.0			.2		
1.10 TO	1.20	27	*				.1					.0	.6		
1.00 TO	1.10	68	*				.1		.0			.1	1.6	.0	
.90 TO	1.00	105	*			.1	.3	.1				.0	2.3		
.80 TO	.90	179	*			.2	.8	.3			.0	.3	3.1	.1	
.70 TO	.80	343	*			.3	1.2	.7	.1	.1	.1	.6	5.8	.3	
.60 TO	.70	396	*		.0	.4	2.5	1.0	.0	.0	.1	1.0	5.1	.5	
.50 TO	.60	563	*		.1	.6	3.5	2.0	.3	.1	.2	1.6	5.6	.8	.1
.40 TO	.50	600	*	.1	.1	.7	2.9	2.9	1.0	.2	.5	1.6	4.3	1.3	.1
.30 TO	.40	648	*	.2	.4	1.1	2.9	2.7	1.2	.6	.8	1.8	3.1	1.7	.5
.20 TO	.30	527	*	.5	.6	1.2	1.2	2.0	1.3	1.2	1.1	1.4	1.0	1.6	.7
.10 TO	.20	267	*	.5	.7	.5	.4	.4	.7	.7	1.0	.7	.2	.5	.7
-.00 TO	.10	50	*	.1	.1	.1	.1	.1	.2	.2	.3	.1	.1		.1
OUT OF RANGE		0	0												
SUB TOTAL		3789	0	54	80	190	603	457	183	116	153	352	1256	261	84

JOINT DISTRIBUTION (PERCENT)

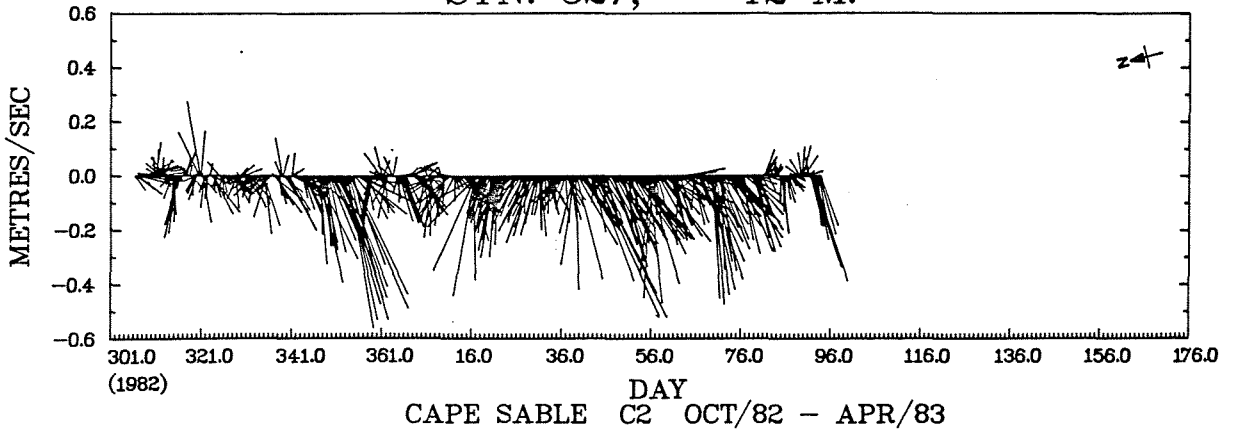
T(527., 13.M.) VS S(527., 13.M.)

P.P.T. DEG. CEL.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	201	*					5.2	.1				
32.50 TO	33.00	587	*				.8	10.3	4.4				
32.00 TO	32.50	713	*			.1	9.2	5.6	3.8	.1			
31.50 TO	32.00	1561	*		13.2	16.8	8.8	1.6	.2	.7			
31.00 TO	31.50	727	*		11.6	7.1	.5						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3789	0		939	910	726	862	322	30			

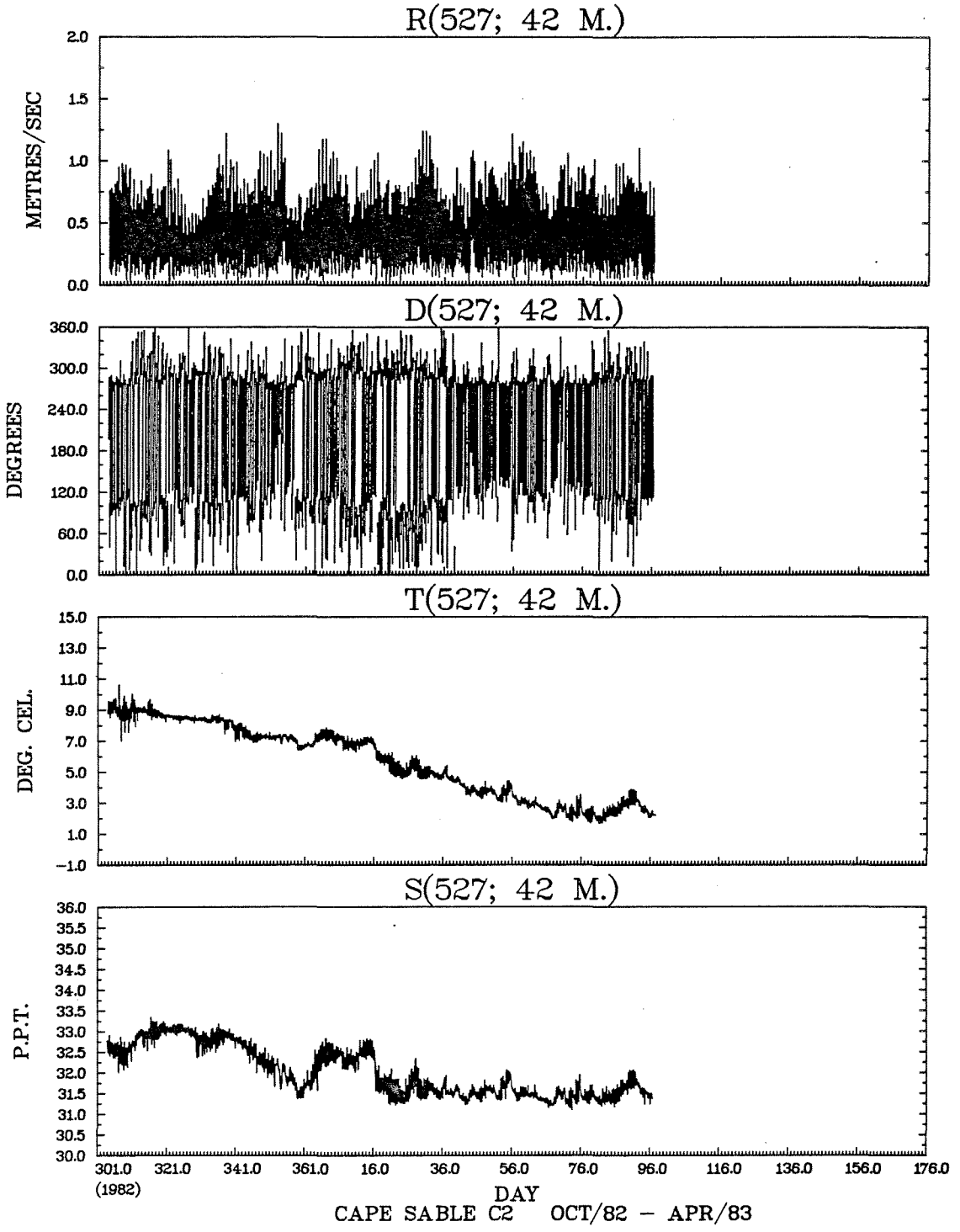
STN. 527, 42 M.

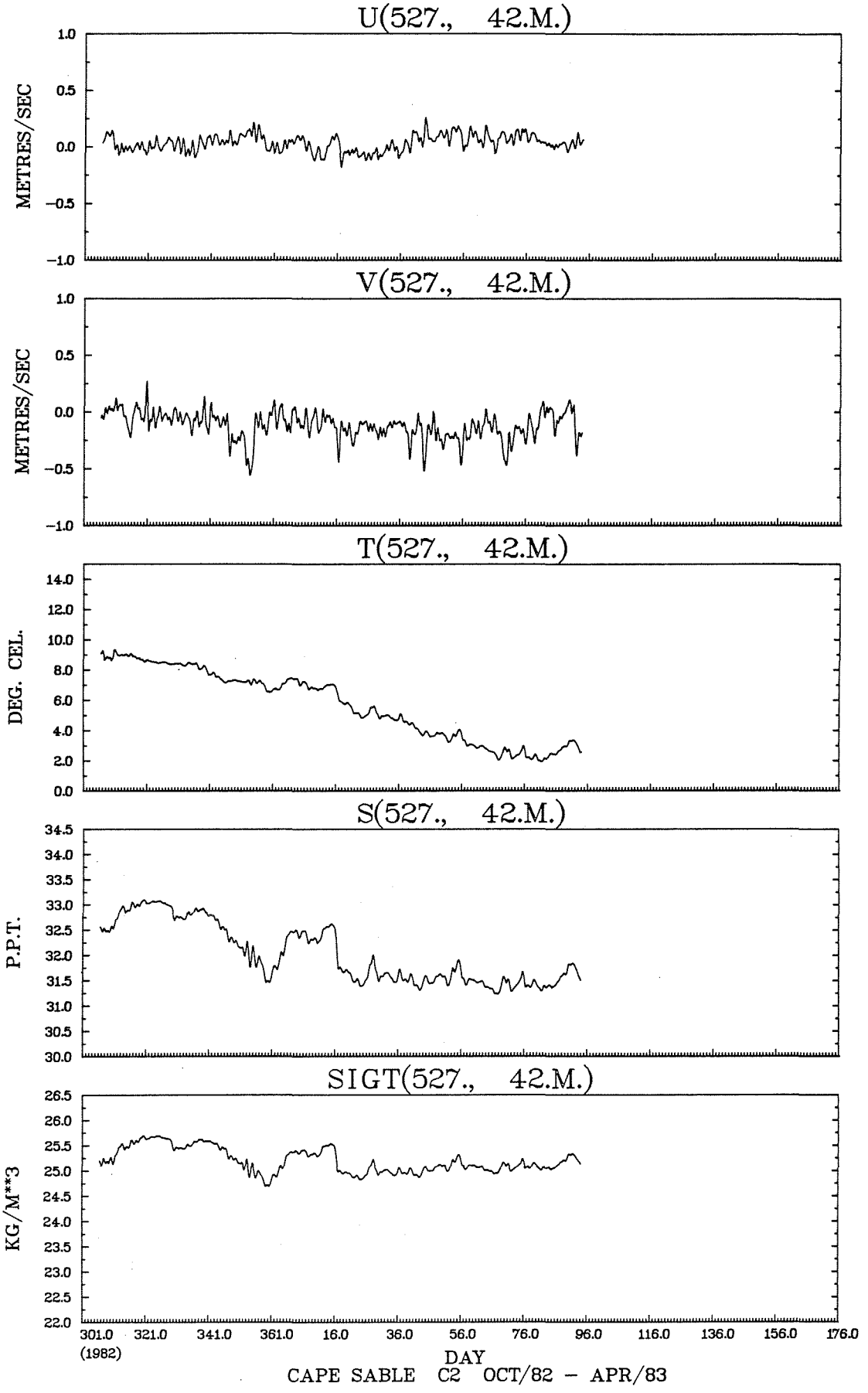


STN. 527, 42 M.



CAPE SABLE C2 OCT/82 - APR/83


R(527; 42 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(527; 42 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(527; 42 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(527; 42 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C2 OCT/82 - APR/83


U(527., 42.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
V(527., 42.M.)
METRES/SEC
1.0
0.5
0.0
-0.5
-1.0
T(527., 42.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(527., 42.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(527., 42.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0 321.0 341.0 361.0 16.0 36.0 56.0 76.0 96.0 116.0 136.0 156.0 176.0
(1982)
DAY
CAPE SABLE C2 OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

D(527., 42.M.) VS R(527., 42.M.)

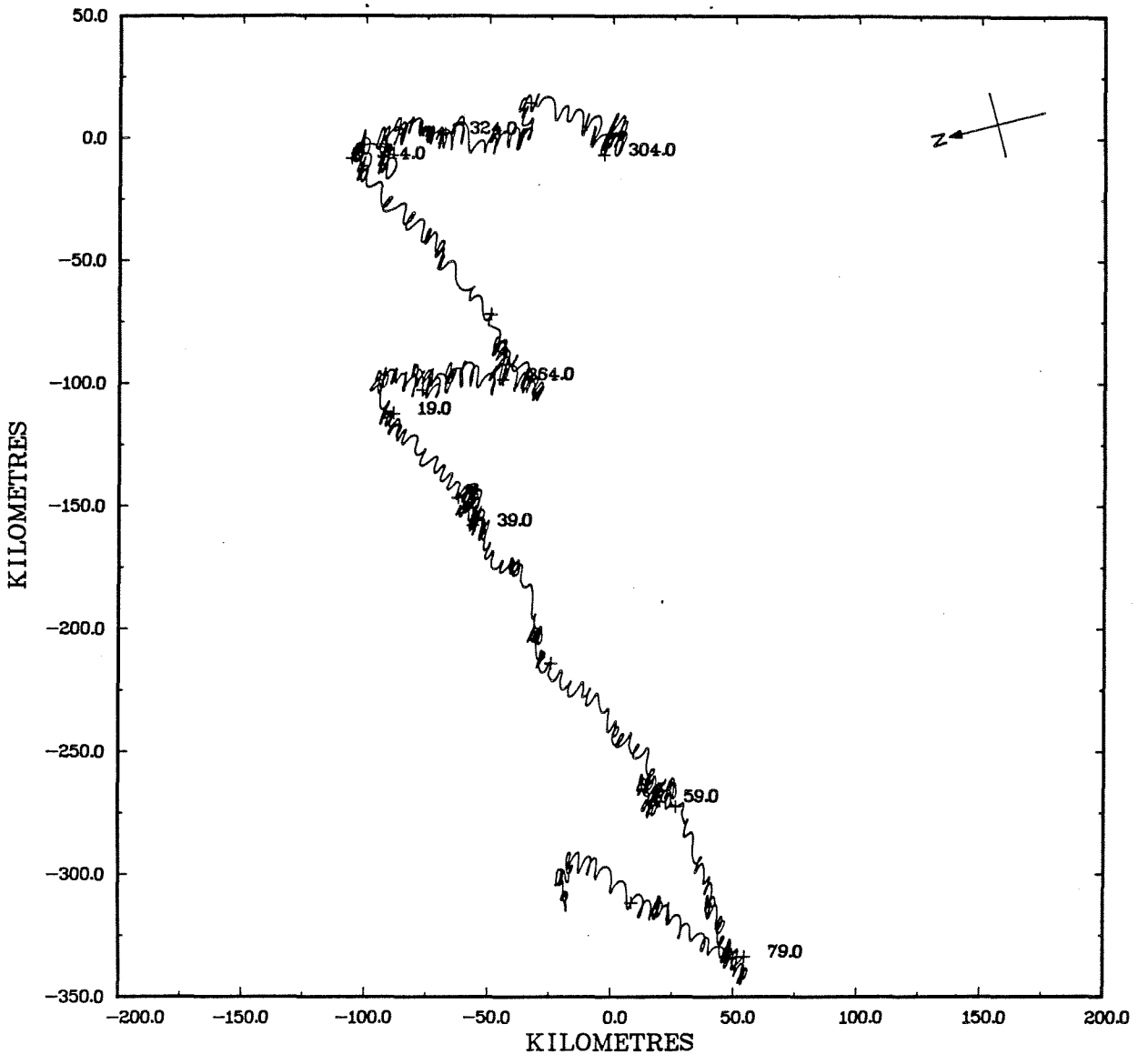
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30	8	*										.2		
1.10 TO	1.20	15	*										.4		
1.00 TO	1.10	47	*				.1						1.2		
.90 TO	1.00	84	*				.2					.1	2.0		
.80 TO	.90	167	*				.7					.1	3.7		
.70 TO	.80	285	*			.1	1.4	.2				.1	5.7	.1	
.60 TO	.70	396	*			.1	2.9	.4				.5	6.4	.2	
.50 TO	.60	438	*			.2	3.7	1.0				.8	5.5	.3	
.40 TO	.50	527	*			.4	4.7	1.7	.1	.1	.1	1.0	5.1	.7	
.30 TO	.40	592	*		.0	.7	4.9	2.7	.4	.2	.2	1.8	3.5	1.1	.0
.20 TO	.30	598	*	.1	.4	1.2	2.7	2.7	1.0	.5	.9	2.3	2.2	1.4	.4
.10 TO	.20	505	*	.7	.9	1.3	.8	2.0	1.2	1.5	1.3	1.4	.8	.9	.6
-.00 TO	.10	127	*	.5	.2	.2	.1	.1	.2	.6	.3	.1	.2	.3	.6
OUT OF RANGE		0	0												
SUB TOTAL		3789	0	48	58	156	841	410	107	111	108	305	1397	189	59

JOINT DISTRIBUTION (PERCENT)

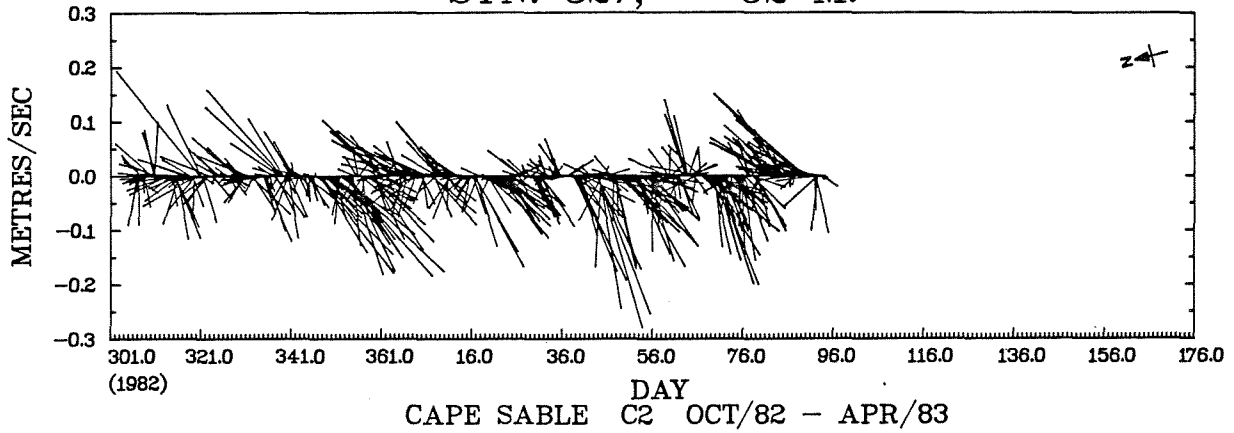
T(527., 42.M.) VS S(527., 42.M.)

DEG. CEL. P.P.T.		SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO	36.00		*										
35.00 TO	35.50		*										
34.50 TO	35.00		*										
34.00 TO	34.50		*										
33.50 TO	34.00		*										
33.00 TO	33.50	248	*					6.4	.2				
32.50 TO	33.00	840	*				.8	18.5	2.9				
32.00 TO	32.50	593	*			.4	5.1	8.7	1.1				
31.50 TO	32.00	1126	*		5.3	12.6	9.5	2.3					
31.00 TO	31.50	992	*		15.3	9.3	1.5						
30.50 TO	31.00		*										
30.00 TO	30.50		*										
OUT OF RANGE		0	0										
SUB TOTAL		3789	0		781	847	644	1359	158				

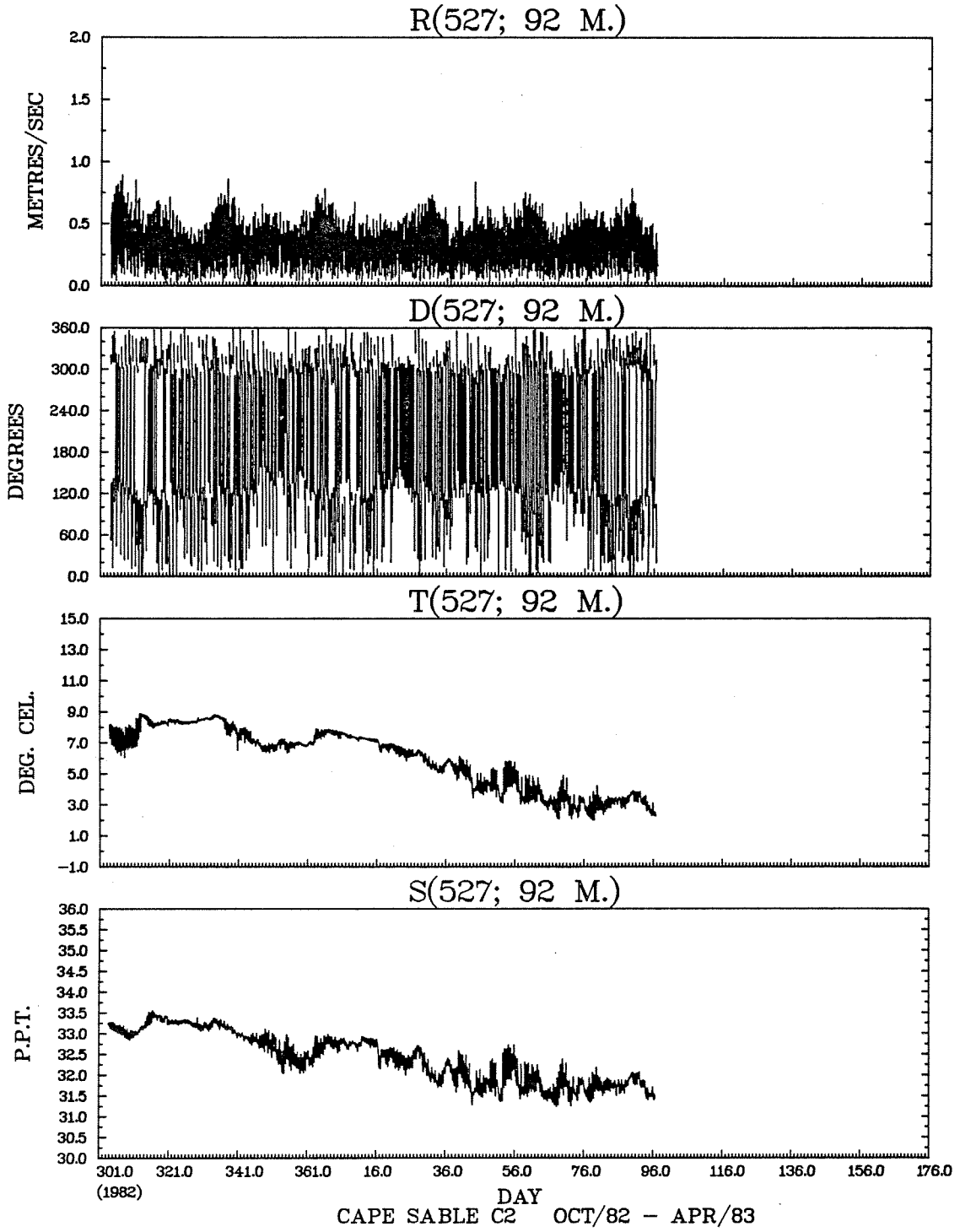
STN. 527, 92 M.

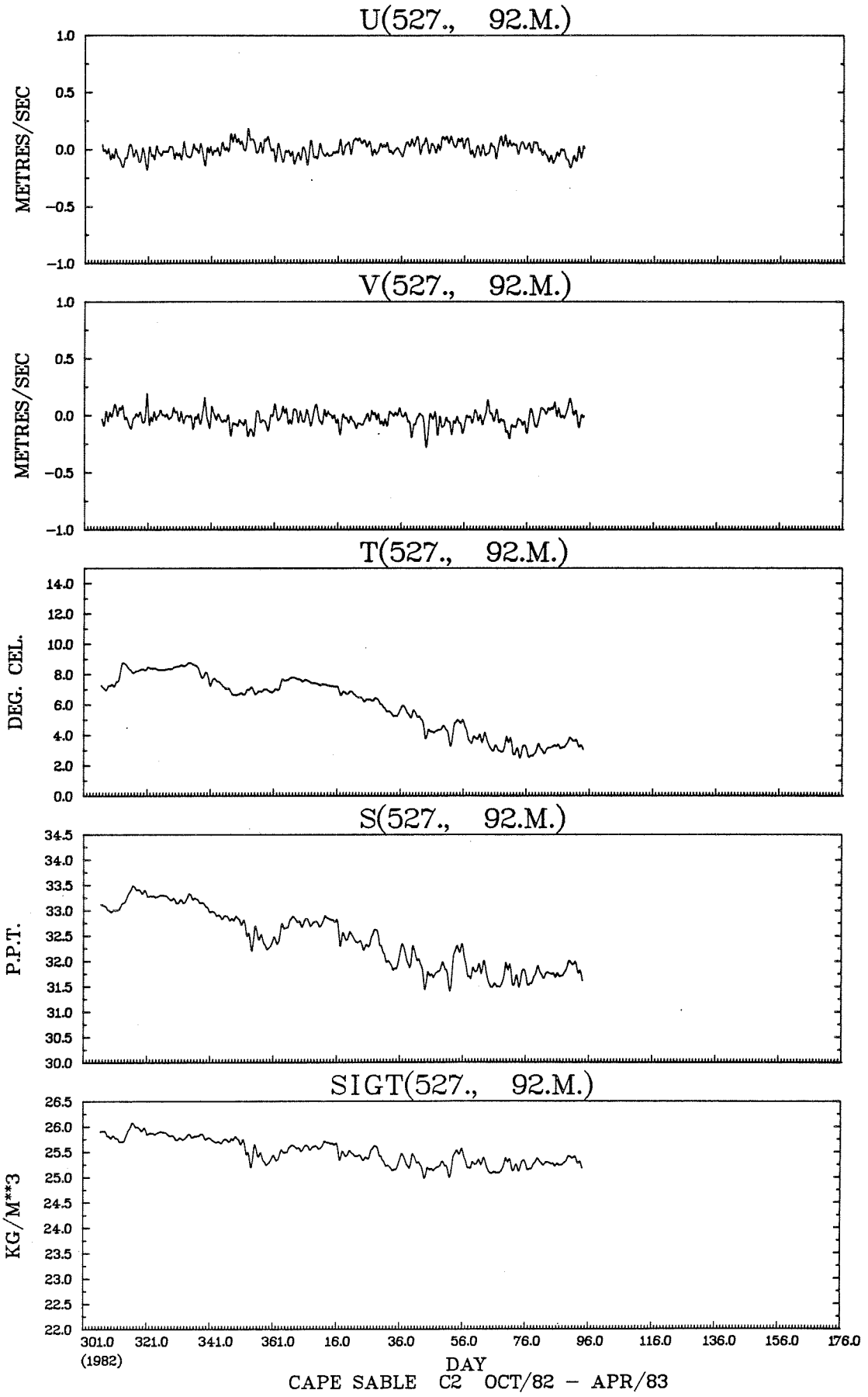


STN. 527, 92 M.



CAPE SABLE C2 OCT/82 – APR/83


R(527; 92 M.)
METRES/SEC
2.0
1.5
1.0
0.5
0.0
D(527; 92 M.)
DEGREES
360.0
300.0
240.0
180.0
120.0
60.0
0.0
T(527; 92 M.)
DEG. CEL.
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
S(527; 92 M.)
P.P.T.
36.0
35.5
35.0
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
301.0
(1982)
321.0
341.0
361.0
16.0
36.0
56.0
76.0
96.0
116.0
136.0
156.0
176.0
DAY
CAPE SABLE C2 OCT/82 - APR/83


U(527., 92.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
V(527., 92.M.)
METRES/SEC
1.0
0.5
0.0
−0.5
−1.0
T(527., 92.M.)
DEG. CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
S(527., 92.M.)
P.P.T.
34.5
34.0
33.5
33.0
32.5
32.0
31.5
31.0
30.5
30.0
SIGT(527., 92.M.)
KG/M**3
26.5
26.0
25.5
25.0
24.5
24.0
23.5
23.0
22.5
22.0
301.0 321.0 341.0 361.0 16.0 36.0 56.0 76.0 96.0 116.0 136.0 156.0 176.0
(1982)
DAY
CAPE SABLE C2 OCT/82 - APR/83

JOINT DISTRIBUTION (PERCENT)

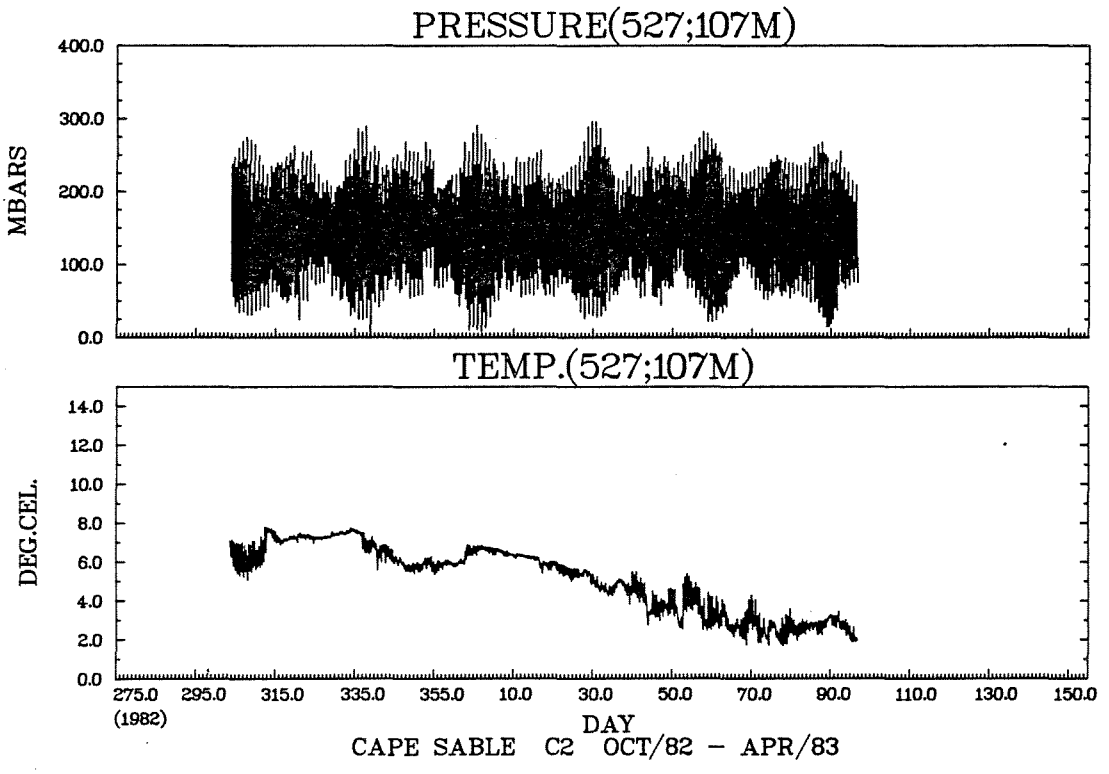
D(527., 92.M.) VS R(527., 92.M.)

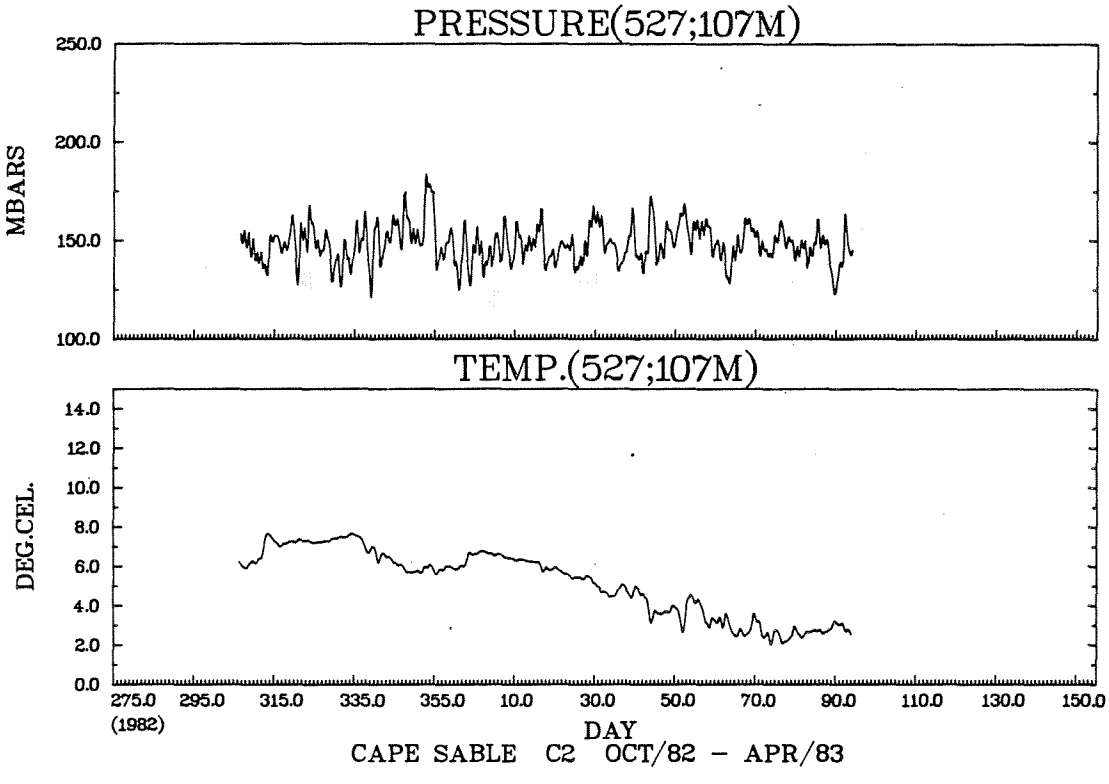
DEGREES / METRES/SEC		SUB TOTAL	OUT OF RANGE	0.00 TO 30.00	30.00 TO 60.00	60.00 TO 90.00	90.00 TO 120.00	120.00 TO 150.00	150.00 TO 180.00	180.00 TO 210.00	210.00 TO 240.00	240.00 TO 270.00	270.00 TO 300.00	300.00 TO 330.00	330.00 TO 360.00
1.50 TO	1.60		*												
1.40 TO	1.50		*												
1.30 TO	1.40		*												
1.20 TO	1.30		*												
1.10 TO	1.20		*												
1.00 TO	1.10		*												
.90 TO	1.00		*												
.80 TO	.90	10	*					.1					.1	.1	
.70 TO	.80	34	*				.2	.1					.4	.2	
.60 TO	.70	166	*				1.2	.8					1.1	1.2	
.50 TO	.60	425	*			.1	2.6	1.6	.1			.1	3.1	3.8	.0
.40 TO	.50	718	*	.1	.0	.1	3.6	4.0	.3		.0	.1	4.9	5.5	.3
.30 TO	.40	842	*	.4	.2	.7	3.8	5.7	1.1	.1	.1	.8	3.6	4.6	1.3
.20 TO	.30	742	*	.6	.5	.8	2.8	4.4	1.6	.4	.4	1.5	3.4	2.3	.9
.10 TO	.20	648	*	1.1	.9	1.2	1.6	2.2	1.9	1.4	1.6	1.7	1.7	1.0	.8
-.00 TO	.10	204	*	.6	.4	.3	.2	.3	.7	.6	.7	.8	.3	.2	.2
OUT OF RANGE		0	0												
SUB TOTAL		3789	0	102	76	118	605	729	216	94	108	184	702	718	137

JOINT DISTRIBUTION (PERCENT)

T(527., 92.M.) VS S(527., 92.M.)

DEG. CEL. P.P.T.	SUB TOTAL	OUT OF RANGE	-1.00 TO 1.00	1.00 TO 3.00	3.00 TO 5.00	5.00 TO 7.00	7.00 TO 9.00	9.00 TO 11.00	11.00 TO 13.00	13.00 TO 15.00	15.00 TO 17.00	17.00 TO 19.00
35.50 TO 36.00		*										
35.00 TO 35.50		*										
34.50 TO 35.00		*										
34.00 TO 34.50		*										
33.50 TO 34.00	14	*					.4					
33.00 TO 33.50	844	*				2.0	20.3					
32.50 TO 33.00	964	*				9.4	16.0					
32.00 TO 32.50	734	*			3.8	13.1	2.5					
31.50 TO 32.00	1066	*		4.8	20.4	3.0						
31.00 TO 31.50	167	*		2.9	1.5							
30.50 TO 31.00		*										
30.00 TO 30.50		*										
OUT OF RANGE	0	0										
SUB TOTAL	3789	0		291	971	1040	1487					


PRESSURE(527;107M)
MBARS
400.0
300.0
200.0
100.0
0.0
TEMP.(527;107M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
275.0
(1982)
295.0
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
110.0
130.0
150.0
DAY
CAPE SABLE C2 OCT/82 - APR/83


PRESSURE(527;107M)
MBARS
250.0
200.0
150.0
100.0
TEMP.(527;107M)
DEG.CEL.
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
275.0
(1982)
295.0
315.0
335.0
355.0
10.0
30.0
50.0
70.0
90.0
110.0
130.0
150.0
DAY
CAPE SABLE C2 OCT/82 - APR/83

HISTOGRAM OF PRESSURE(527:107M) MARS

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	20.00	12	.3	***
20.00	40.00	64	1.7	**********
40.00	60.00	187	4.9	**********
60.00	80.00	400	10.6	**********
80.00	100.00	424	11.2	**********
100.00	120.00	375	9.9	**********
120.00	140.00	290	7.6	**********
140.00	160.00	311	8.2	**********
160.00	180.00	296	7.8	**********
180.00	200.00	395	10.4	**********
200.00	220.00	448	11.8	**********
220.00	240.00	354	9.3	**********
240.00	260.00	165	4.4	**********
260.00	280.00	50	1.3	**********
280.00	300.00	16	.4	****
300.00	320.00	0	0.0	
320.00	340.00	0	0.0	

TOTAL NO. OF SAMPLES 3791
OUTSIDE RANGE 0

HISTOGRAM OF TEMP.(527:107*) DEG.CEL.

BAND .GE.	BAND .LT.	NUMBER IN BAND	PER CENT	
0.00	.50	0	0.0	
.50	1.00	0	0.0	
1.00	1.50	0	0.0	
1.50	2.00	55	1.5	**********
2.00	2.50	221	5.8	**
2.50	3.00	468	12.3	**********
3.00	3.50	256	6.8	**
3.50	4.00	150	4.0	**************************
4.00	4.50	158	4.2	***************************
4.50	5.00	226	6.0	**
5.00	5.50	211	5.6	**
5.50	6.00	539	14.2	**********
6.00	6.50	510	13.5	**********
6.50	7.00	373	9.8	**********
7.00	7.50	482	12.7	**********
7.50	8.00	142	3.7	**************************
8.00	8.50	0	0.0	
8.50	9.00	0	0.0	
9.00	9.50	0	0.0	
9.50	10.00	0	0.0	
10.00	10.50	0	0.0	
10.50	11.00	0	0.0	
11.00	11.50	0	0.0	
11.50	12.00	0	0.0	

TOTAL NO. OF SAMPLES 3791
OUTSIDE RANGE 0