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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

ENVIRONMENTAL DATA FROM AN/SMT-1 NOMAD
BUOYS N4E, N5E, AND N6E
GULF OF MEXICO

1970

Project SEA SENSE

Prepared For

Naval Air Systems Command

By

D. LaMar and S.J. Halminski

National Oceanographic Data Center
Progress Report P-105
Washington, D.C.

July 1972

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PREFACE

This report, prepared by the National Oceanographic Data Center (NODC), is another in the series of documents on Project SEA SENSE which is supported by the Meteorological Division of the Naval Air Systems Command (NASC).

Project SEA SENSE pertains to the evaluation of environmental observing and data reporting performed by the Navy Oceanographic Meteorological Device (NOMAD) buoys. It is hoped that this information will be of value to engineers and planners responsible for future improvement to the existing NOMAD buoy.

The authors wish to thank the following individuals in the NODC for their contributions to this report: K. Avery, T. Carson, and L. Curry for their work in manual processing of the NOMAD data, and also W. Bowe and W. Lyons for the detailed illustrations.

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ABSTRACT. This 1970 report displays in atlas form, environmental data collected from three U. S. Navy-operated, unmanned marine automatic buoys, the AN/SMT-1 NOMAD (Navy Oceanographic Meteorological Device) N4E, N5E, and N6E. During the year, five observed parameters -- air-temperature, sea-surface-temperature, barometric-pressure, wind-speed, and wind-direction -- were reported and transmitted by a high frequency radio link from each NOMAD buoy. The original data in this report are computer processed and portrayed in time-series plots, statistical print-outs, and monthly frequency-distributions.

INTRODUCTION

The purpose of this report is to display in climatic form, environmental data collected from three Navy-operated unmanned marine automatic buoys, the AN/SMT-1 NOMAD (Navy Oceanographic Meteorological Automatic Device) N4E, N5E, and N6E.

During 1970, the three buoys were located in the central Gulf of Mexico, in approximately 11,000 feet of water, and about 150 nautical miles (n.mi.) from each other. The NOMAD N4E was anchored at latitude 25.0°N. and longitude 92.0°W.. The NOMAD N5E was anchored at latitude 25.0°N. and longitude 88.0°W.. The NOMAD N6E was anchored at latitude 27.0°N. and longitude 90.0°W. (see fig. 1). All three buoys were not necessarily operational at the same time, although a buoy was operational from June through November. The only dates the three buoys operated simultaneously were Aug. 26 - Sept. 9, 1970, a period of fourteen days. Two buoys, N4E, and N5E

operated together for thirteen days, July 22 through August 4, and for 20 days from Sept. 10 through Sept. 30. The N5E buoy had the longest service - June 24 through November 20, 1970, a period of 149 days.

This report follows the same general format as the 1968 document--see Halminski, Avery, and LaMar (1970), and the 1969 document--see Avery, Halminski, and LaMar (1971).

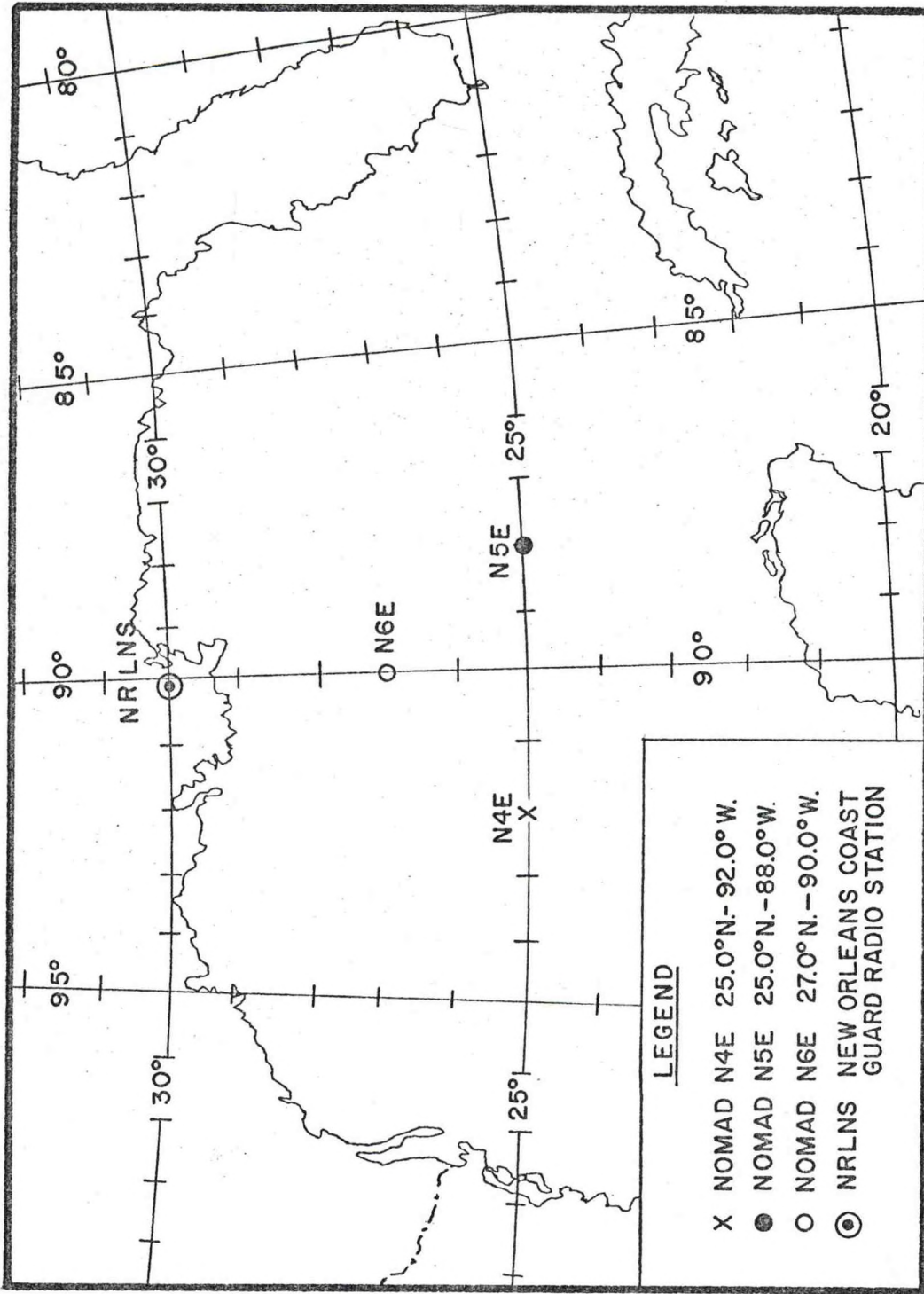


Figure 1.-- Location of NOMAD buoys and U.S.C.G. monitoring station.

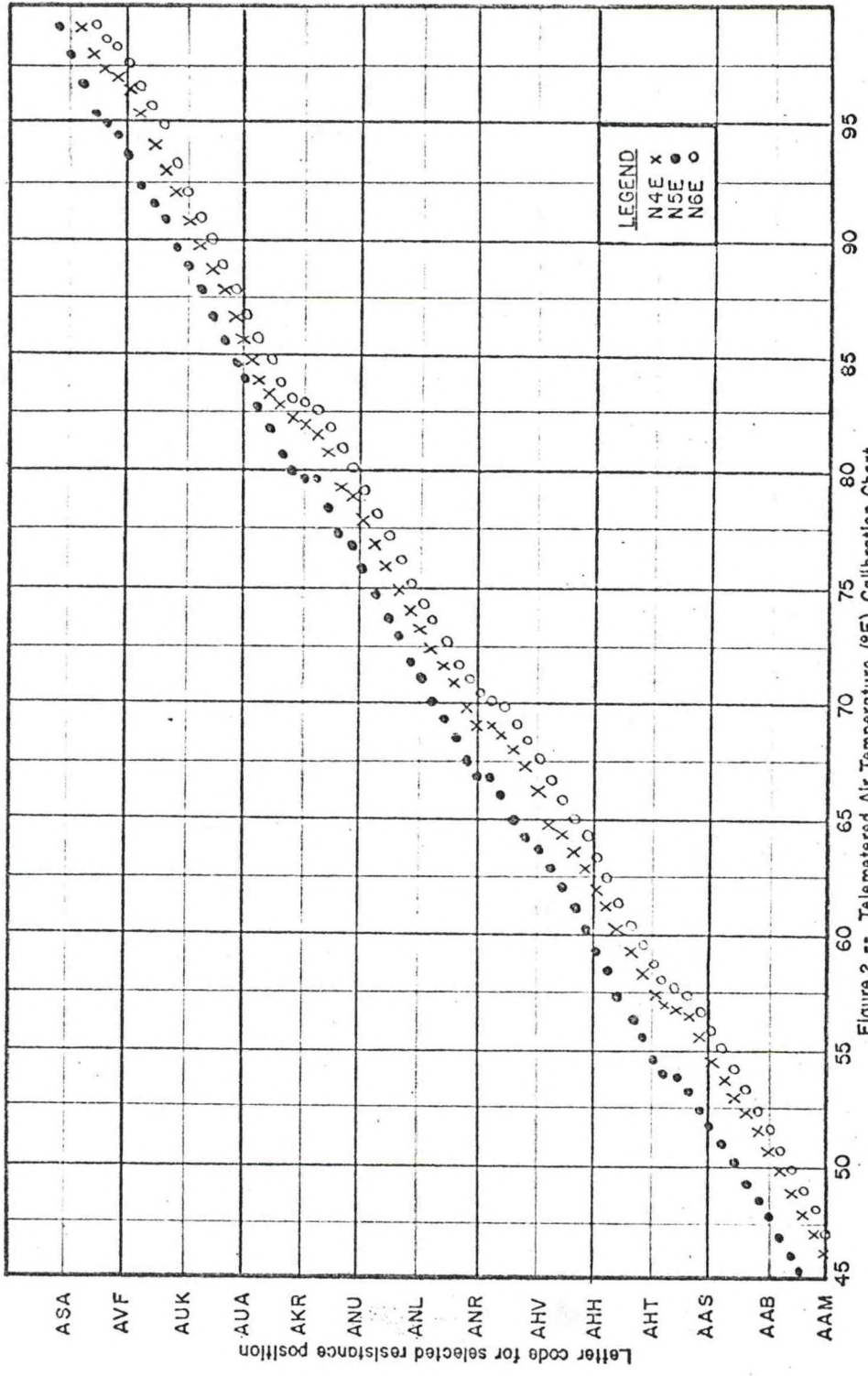
DISCUSSION OF BUOY OBSERVED ENVIRONMENTAL DATA

NOMAD BUOY RADIO SIGNALS

Monitoring NOMAD Buoy Radio Signals

The NOMAD N4E, N5E, and N6E radio signals were monitored by the Coast Guard Radio Station in New Orleans, La.. In previous years, two Federal Communications Commission (FCC) monitoring stations were used to copy the NOMAD signals. One FCC station was located in Fort Lauderdale, Fla., and the other was in Kingsville, Tex.. The two FCC stations made it possible to record 74% of the buoys' "complete reports", and an additional 17% of the buoys' "incomplete reports"-- see Avery, Halminski, and LaMar (1971). The use of the one Coast Guard monitoring station reduced the percentages to about 59% and 30% received, respectively.

The NOMAD buoys transmitted observed environmental data over a 6209-kHz high frequency (HF) radio link. At preset periodic times, the following five interface environmental parameters were observed and transmitted: air-temperature, sea-surface-temperature, barometric-pressure, wind-speed, and wind-direction. The observations were programmed to transmit groups of letter terms (codes) in the Continental Morse Code every three hours. These letter codes were then converted to numerical values by the use of a calibration chart (figs. 2 through 6) designed for each sensor.



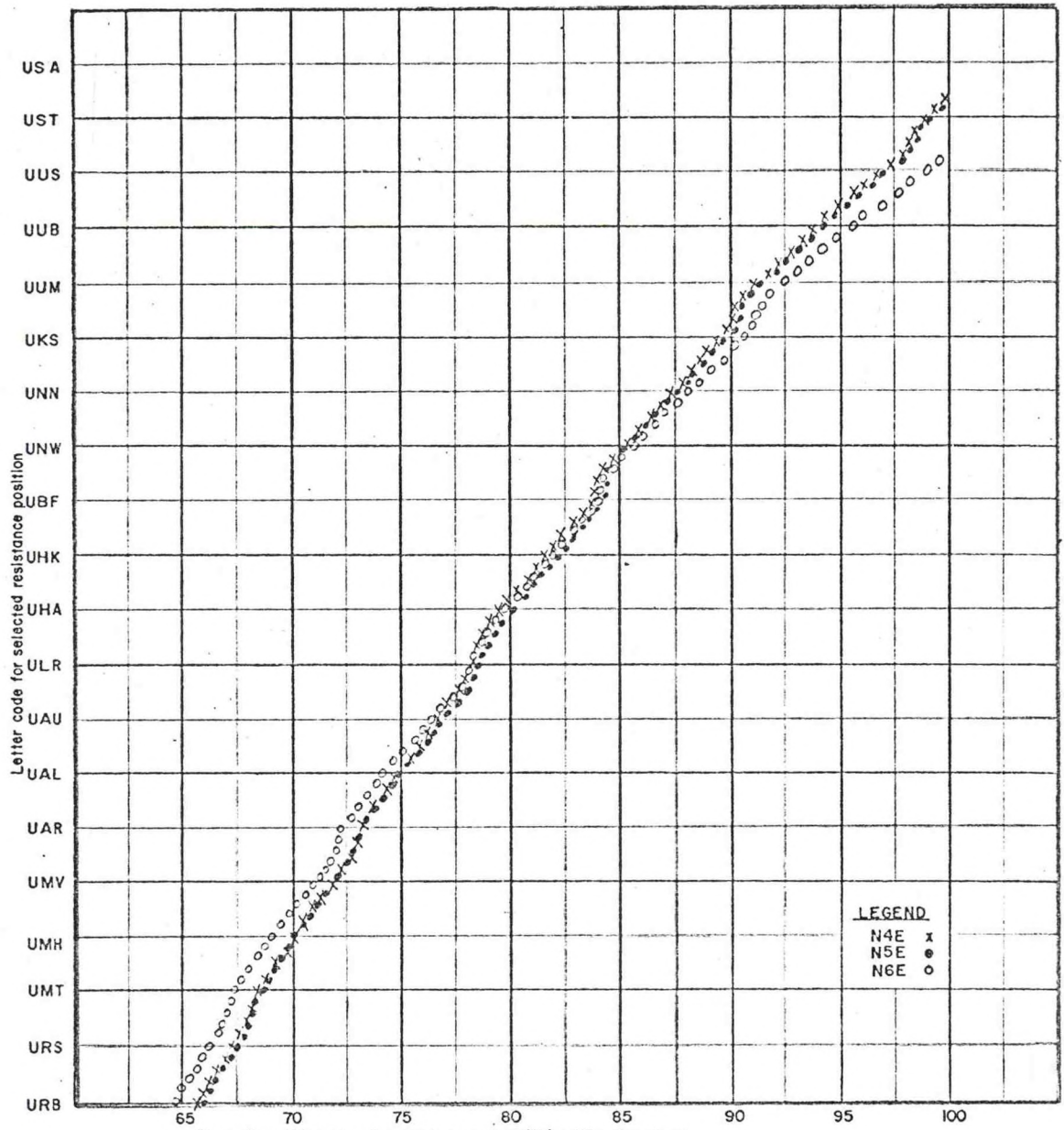


Figure 3.-- Telemetered water temperature (°F) calibration chart

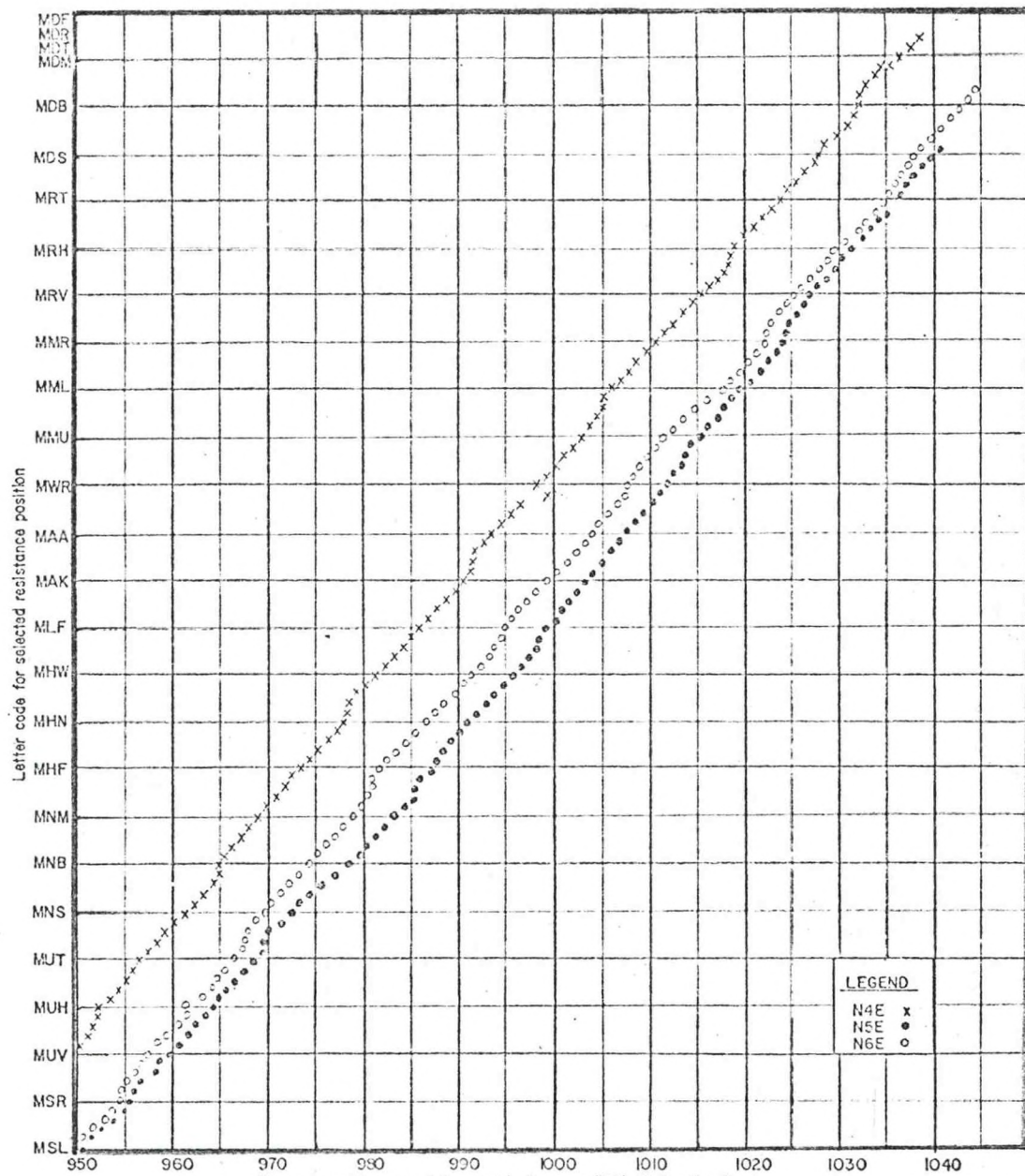
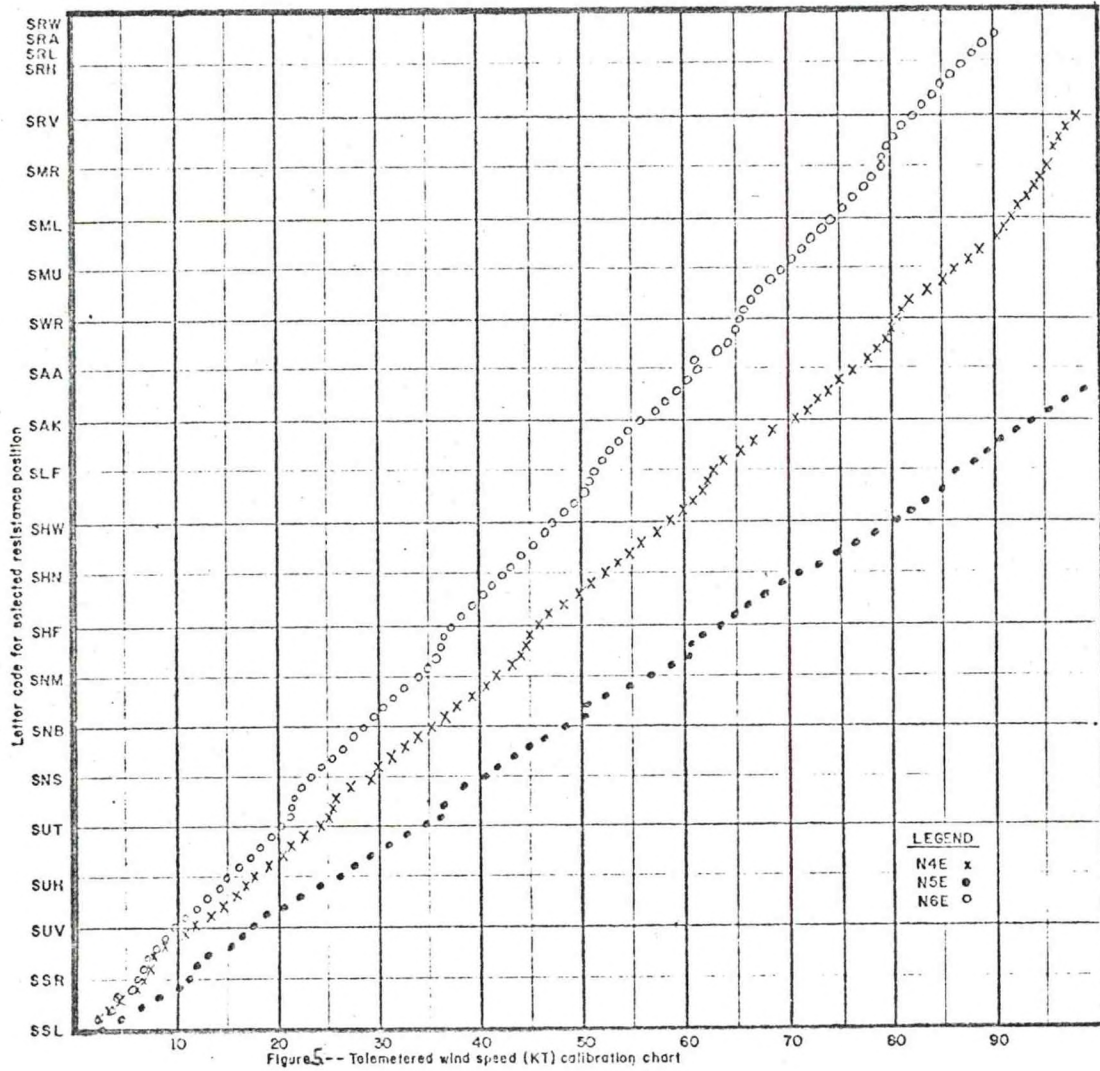


Figure 4. -- Telemetered Barometric Pressure (MB) Calibration Chart



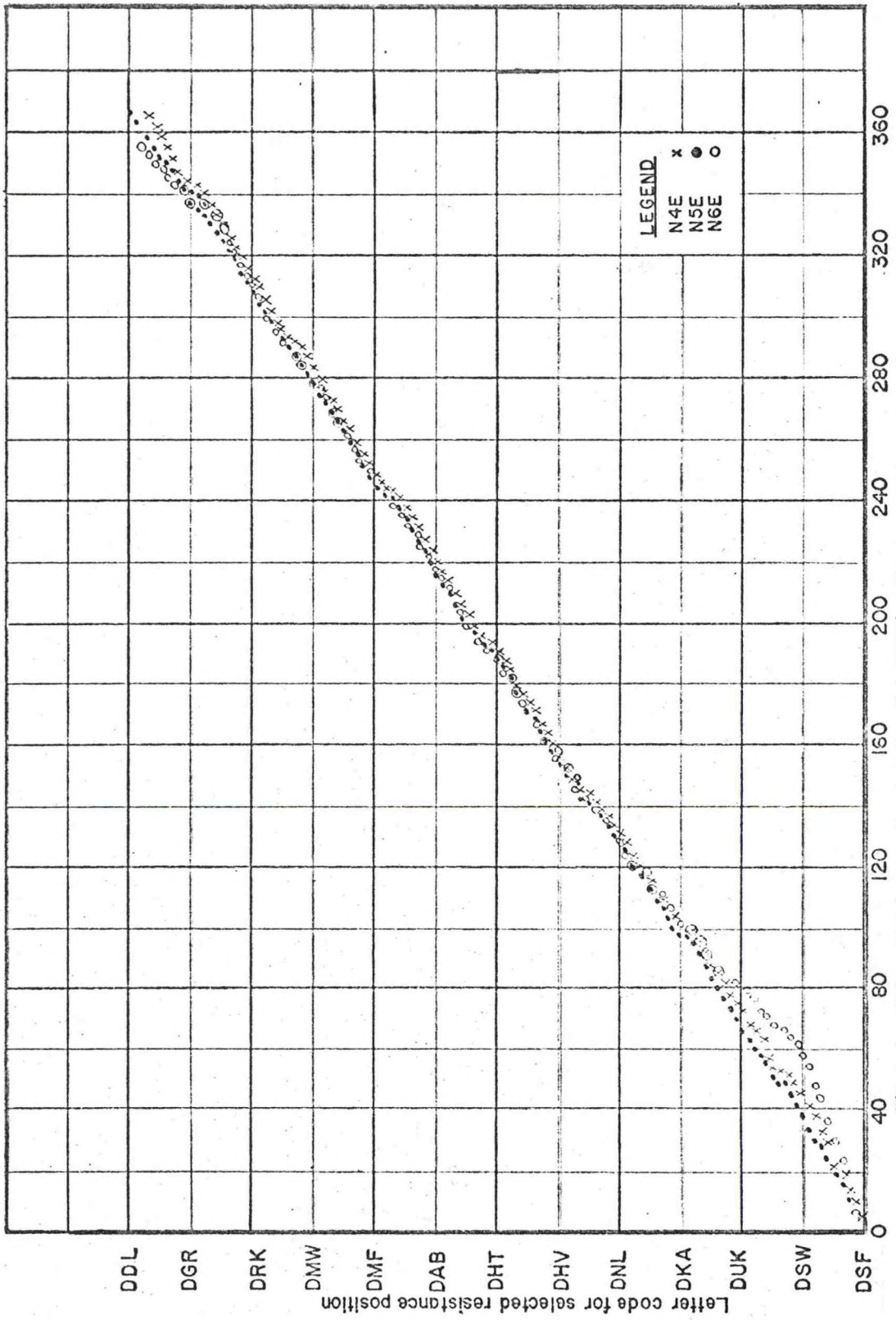


Figure 6 -- Telemetered magnetic wind direction (DEG) calibration chart

Methods of Reporting NOMAD Buoy Observed Parameters

The numerical values of the five observed parameters were reported by the three buoys, N4E, N5E, and N6E in the following units: air and water-temperature in degrees Fahrenheit (F°), barometric-pressure in millibars (mb), wind-speed in knots (kt), and wind-direction in magnetic north degrees. The previously mentioned calibration charts show the fixed resistance positions for the code selector reporting the five parameters at specific values. In figures 2 through 6, the 1970 NOMAD N4E fixed resistance calibration values are represented by x's; the N5E values are represented by •'s; and the N6E values are represented by o's. As demonstrated by figures 2 through 6, there is a vast difference in some of the calibration curves, while in others, ie. wind-direction, the difference in values is almost negligible. An interesting in-depth study could be made to determine whether the difference in reported values came from the difference in the chart values, actual sensor malfunctions, or both.

Air- and water-temperatures are measured by thermistors with a high negative temperature coefficient that reflects the resistance changes for each temperature measurement. Barometric-pressure is converted to a resistance value by use of a transducer that clamps the conductive pointer of an aneroid barometer to a circular resistance strip at the moment of sensing. Similar transducers

are used to sense wind-speed and wind-direction; speed is measured by a tachometer which is driven by a three-cup anemometer and direction is determined as a position on a magnetic pointer.

The resistance values supplied by these thermistors and transducers are switched in a fixed sequence into a self-balancing bridge. When balanced, the bridge controls a selector and code generator which then translates thermistor and transducer resistance into letter terms of the Continental Morse Code. The code generator then keys a pulse-modulated transmitter for the signal's transmission.

NOMAD BUOY SENSOR SYSTEM

NOMAD Buoy-Design-Accuracy-Criteria

NOMAD buoys were developed as an aid to Fleet operations, not as a tool for research. As such, their design-accuracy-criteria are somewhat coarse, even though the sensors are quite accurate. The coarse accuracy is the result of restrictions in the selection of resistance points that measure environmental conditions. Table 1. shows the height of the various sensors above and below the sea surface, the accuracy of the sensors, and the telemetered accuracy of the final reported observations.

Table 1. NOMAD sensor system*

Sensor	Height of sensor**	Sensor accuracy	Telemetered accuracy
Air temperature	+7.0 ft	$\pm 0.5^{\circ}\text{F}$	$\pm 1.0^{\circ}\text{F}$
Water temperature	-2.0 ft	$\pm 0.5^{\circ}\text{F}$	$\pm 1.0^{\circ}\text{F}$
Barometric pressure	+7.5 ft	± 0.5 mb	± 1.0 mb
Wind direction	+11.0 ft	$\pm 5.0^{\circ}$	$\pm 7.0^{\circ}$
Wind speed: 5 to 30 kt	+11.0 ft	± 2.0 kt	± 3.0 kt
>30kt	+11.0 ft	± 4.0 kt	± 5.0 kt

*See: Corwin (1964); Marcus and Grossman (1968); and Mottern, Corwin, and Pyle (1967).

**Relative to mean sea-surface.

NOMAD BUOY TRANSMISSIONS

NOMAD Buoy Data Processing

Processing of 1970 NOMAD N4E, N5E, and N6E observation data received from the Coast Guard station consisted of punching the incoming alpha codes on cards and using an IBM 360/40 computer and appropriate computer programs to convert the alpha codes to numerical values. The output consisted of both a computer print-out and a card deck, which was used in subsequent evaluation programs as input. The program used to compute the frequency distribution and print the time-series plot is called SEATSPFD. The program which computed the statistical evaluation is called SEVAL70. There was no screening of data for the time-series plot, or the frequency distribution. In other words, the data shown is as it was reported and decoded. The evaluation program (SEVAL70) did incorporate the use of limits, and disregarded all values above and below the limits (see table B-1). The limits were derived by using the U. S. Navy's "Marine Climatic Atlas of the World" (1955). A factor of 5% was added to the upper limits, and subtracted from the lower limits, thus extending the extreme values. The factor was used to allow for climatic conditions and/or trends which might have occurred since the Atlas was published. Any data above or below the limits are considered erroneous.

NOMAD Buoy Data Errors

There are several ways errors can be introduced into the buoy data file. The errors may be caused by sensor malfunction, low power output during the HF radio transmissions, electrical and/or atmospheric interference, radio signal receiving operators, and keypunch operators. Keypunch errors are reduced to zero because validity-checks are made by the initial computer decoding program. Also, all data are screened for consistency. Any observations which deviate from a trend, or are excessively high or low are checked against the original log, and corrected if the 'error' is due to keypunching. No NOMAD buoy data is changed, regardless of how far it deviates or how 'wrong' it may seem. Most errors can be attributed to the low signal strength of the buoy transmissions and to electrical interference that directly affect radio operator interpretations. (see Avery, Halminski, and LaMar, 1971)

Distribution of NOMAD Buoy Data

Figure 7 shows a comparison of the reports received by the New Orleans Coast Guard radio station from the three buoys, N4E, N5E, and N6E. The per-cents were determined by dividing the number of reports received (in each category) by the number of possible reports for the period of operation. Figure 8 is based on the total number of reports received from the three buoys for each category divided by the total number of reports possible. 59.1% of all the reports sent by the three buoys were received in their entirety,

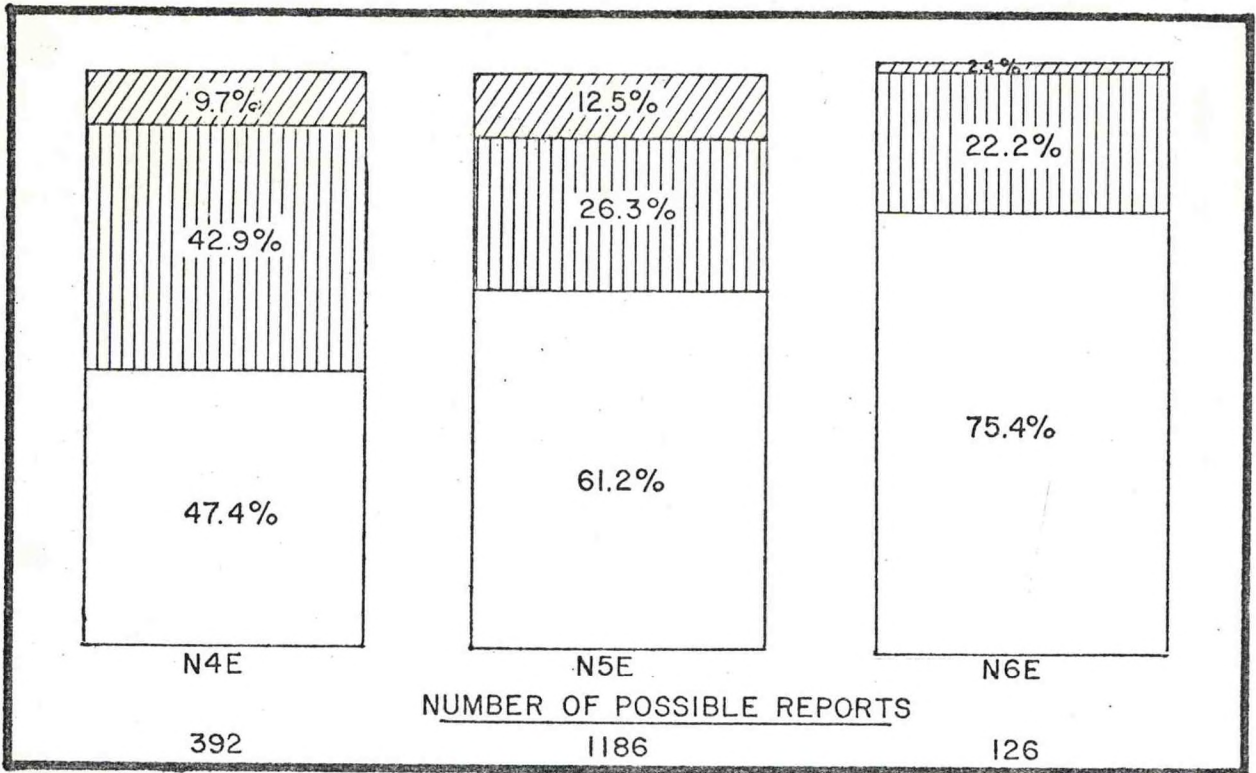


Figure 7 Percentage distribution of 1970 NOMAD-N4E, N5E, and N6E reports.

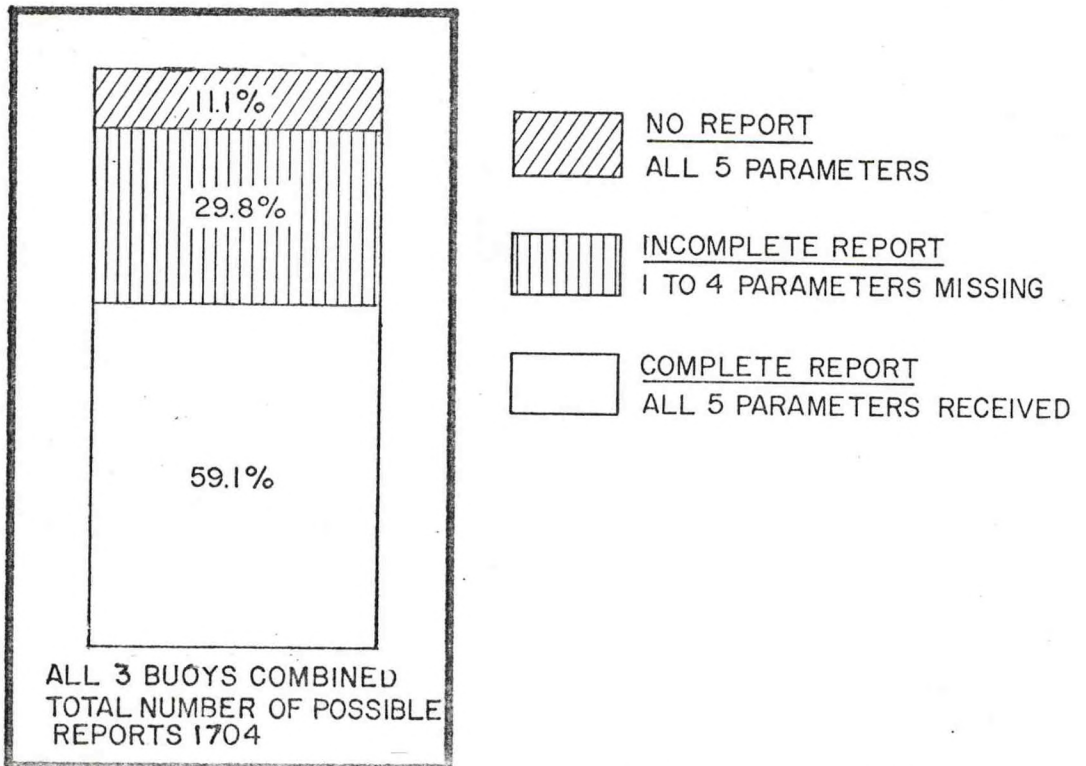


Figure 8 Percentage distribution of 1970 combined NOMAD reports for buoys N4E, N5E, and N6E.

and an additional 29.8% of the reports sent were at least partially received. This means a total of 88.9% of the reports sent, were received. This is a fine performance, even though lower than for 1968 and 1969. One must remember that two monitoring stations were used in 1968 and 1969, and only one station monitored three buoys in 1970.

NOMAD Buoy Data-Set Information

The data sets for the N4E, N5E, and N6E buoys are available in the following forms: computer print-out (figure 9), punched cards (format as shown in table 2), and magnetic tape.

1	Y	M	D	TIME	21	24	28	32	36	40	51	NEW ORLEANS	70	80	NOMAD	N6E
					LAT	AIR H2O	AIR H2O	BF	SFD	DIR	GMT					
700825	0629	270N	0900W	837	834	106	140	223			06	NORL	NOMN	6E		
700825	0929	270N	0900W	878		106					09	NORL	NOMN	6F		
700825	1228	270N	0900W	868	857	096	056	226			12	NORL	NOMN	6E		
700825	1528	270N	0900W								15	NORL	NOMN	6E		
700825	1830	270N	0900W	878	882	128	070	230			18	NORL	NOMN	6E		
700825	2128	270N	0900W	878	887	106	108	264			21	NORL	NOMN	6E		
700826	0029	270N	0900W	857	882	106	065	030			00	NORL	NOMN	6E		
700826	0329	270N	0900W	857	882	106		030			03	NORL	NOMN	6E		
700826	0628	270N	0900W	857	882	106	056	092			06	NORL	NOMN	6F		
700826	0928	270N	0900W	868	877	106	070	178			09	NORL	NOMN	6E		
700826	1229	270N	0900W	857	882	128	087	165			12	NORL	NOMN	6E		
700826	1529	270N	0900W	868	882	128	065	242			15	NORL	NOMN	6F		
700826	1828	270N	0900W	868	882	139	065	216			18	NORL	NOMN	6E		
700826	2128	270N	0900W	878	887	106	056	219			21	NORL	NOMN	6E		
700827	0028	270N	0900W	857	882	139	024	116			00	NORL	NOMN	6E		
700827	0327	270N	0900W	847	882	128	034	318			03	NORL	NOMN	6E		
700827	0628	270N	0900W	857	882	202	211	129			06	NORL	NOMN	6E		
700827	0928	270N	0900W	857	877	117	056	192			09	NORL	NOMN	6E		
700827	1228	270N	0900W	857	877	117	045	213			12	NORL	NOMN	6E		
700827	1528	270N	0900W	900	877	117		178			15	NORL	NOMN	6E		
700827	1830	270N	0900W	878	882	117		178			18	NORL	NOMN	6E		
700827	2130	270N	0900W	810	882	106	070	024			21	NORL	NOMN	6E		
700828	0032	270N	0900W								00	NORL	NOMN	6F		
700828	0329	270N	0900W	857	877	117	753	086			03	NORL	NOMN	6E		
700828	0629	270N	0900W		877	096					06	NORL	NOMN	6E		
700828	0931	270N	0900W	868	882	089	129	116			09	NORL	NOMN	6E		

Figure 9. Sample card-image of 1970 NOMAD buoy data

Table 2. Buoy data card-image format

DATA CARDS

<u>Columns</u>	<u>Contents</u>
1 - 2	Year
3 - 4	Month
5 - 6	Day
7	Blank
8 - 11	Time (GMT)
12	Blank
13 - 16	North latitude (tenth deg. for buoy position)
17 - 21	West longitude (tenth deg. for buoy position)
22 - 23	Blank
24 - 26	Air Temperature (tenths °F)
27	Blank
28 - 30	Water Temperature (tenths °F)
31	Blank
32 - 34	Barometric Pressure (tenths mb)
35	Blank
36 - 38	Wind Speed (tenths kt)
39	Blank
40 - 42	Wind Direction (360°)
43 - 50	Blank
51 - 52	Synoptic hour nearest to buoy-data time
53 - 69	Blank
70 - 73	Monitoring station identifier
74	Blank
75 - 77	Buoy-type identifier (NOM for NOMAD)
78 - 80	NOMAD buoy call-sign

REFERENCES

Avery, K.R., Halminski, S.J., and LaMar, D., "A Study of FCC Communications and Position Fixes for the AN/SMT-1 NOMAD N3S Buoy, 1968--Project SEA SENSE," NODC, April 1971, 59 pp. plus appendixes.

Avery, K.R., Halminski, S.J., and LaMar, D., "Environmental Data from AN/SMT-1 NOMAD N3S/NØE, Gulf of Mexico, 1969--Project SEA SENSE," NODC Progress Report P-98, Sept. 1971. 180 pp.

Corwin, E.F., Military Specification, Meteorological Station, Automatic Marine AN/SMT-1, No. MIL-W-22818A, Bureau of Naval Weapons, Dept. of the Navy, 31 Jan. 1964, 27 pp.

Halminski, S.J., Avery, K.R., and LaMar, D., "Environmental Data from AN/SMT-1 NOMAD N3S, Gulf of Mexico, 1968--Project SEA SENSE," NODC Progress Report P-97, Sept. 1970, 173 pp.

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Mottern, R.E., Capt., Corwin, E.F., and Pyle, A.F., "The Meteorological Buoy Program of the U.S. Navy," Naval Air Systems News, Vol. 1, No. 4, Dec. 1967, pp. 72-81.

U.S. Navy, "Marine Climatic Atlas of the World, Vol. 1. North Atlantic Ocean," Chief of Naval Operations, NAVAER 50-1C-528, Nov. 1955, 275 charts.

APPENDIX A

1970 NCMAD N4E, N5E, and N6E Time-Series Plots

The time-series display of N4E, N5E, and N6E buoy data for 1970 are shown on the following pages. Four parameters are printed to the nearest unit: S represents wind-speed in knots; A is air-temperature in degrees Fahrenheit; W is surface sea-water-temperature in degrees Fahrenheit; and P is barometric-pressure in millibars. The fifth parameter, wind-direction, D, is printed to the nearest 5-degree increment from True North.

The value for each parameter determines its position in the data display array. If one parameter should happen to occupy the same print position on the plot as another, i.e., occupy the same position in the plot array, only one parameter letter is plotted. The order of printing priority is P, D, S, A, and W. For example, if P and W occupy the same plot position, P will be printed, and W will not. Consequently, one should not regard W as a missing parameter because it is not printed. If data is not present, an asterisk (*) is printed in the left margin under the "MISS" column. Each parameter letter is connected by a line, drawn manually, to indicate more clearly the value of the actual observations. Connecting lines for D were not drawn because of the circular nature of direction. Wind-directions are shown by a flag line, manually drawn, in the extreme right-hand column.

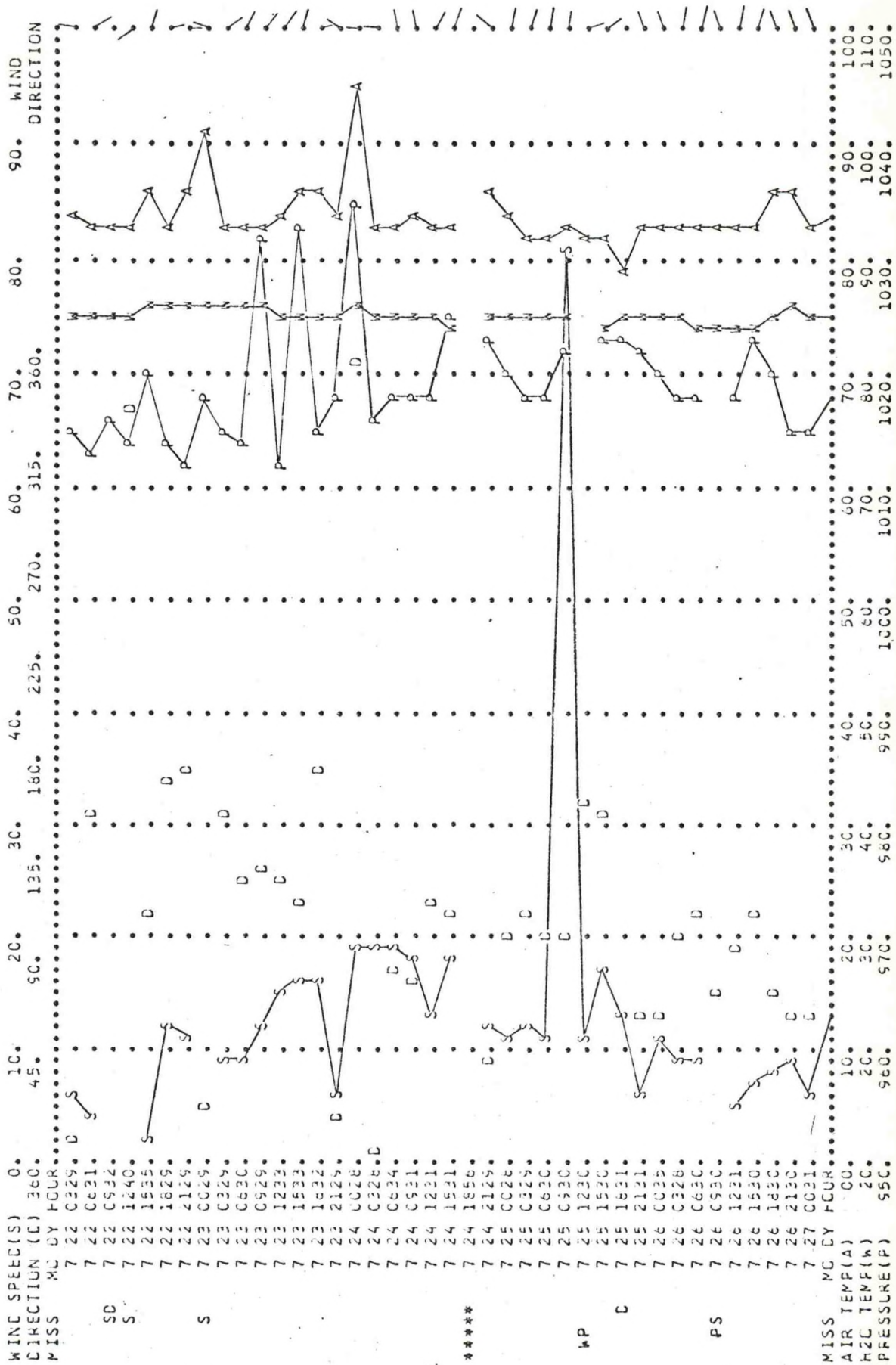
A parameter listed in the "MISS" column indicates that no buoy observation signals were received and that no values could be assigned. The lack of signals can generally be attributed to:

(1) poor radio communications, hence partial receipt of the selected selector-code by the monitoring station; and (2) sensor malfunction. In the case where all five parameters are missing, five asterisks are printed in the "MISS" column.

The month (MO) and day (DY) are listed in their respective columns, and the hour (HOUR) column shows the GMT time of the actual observation on a particular date.

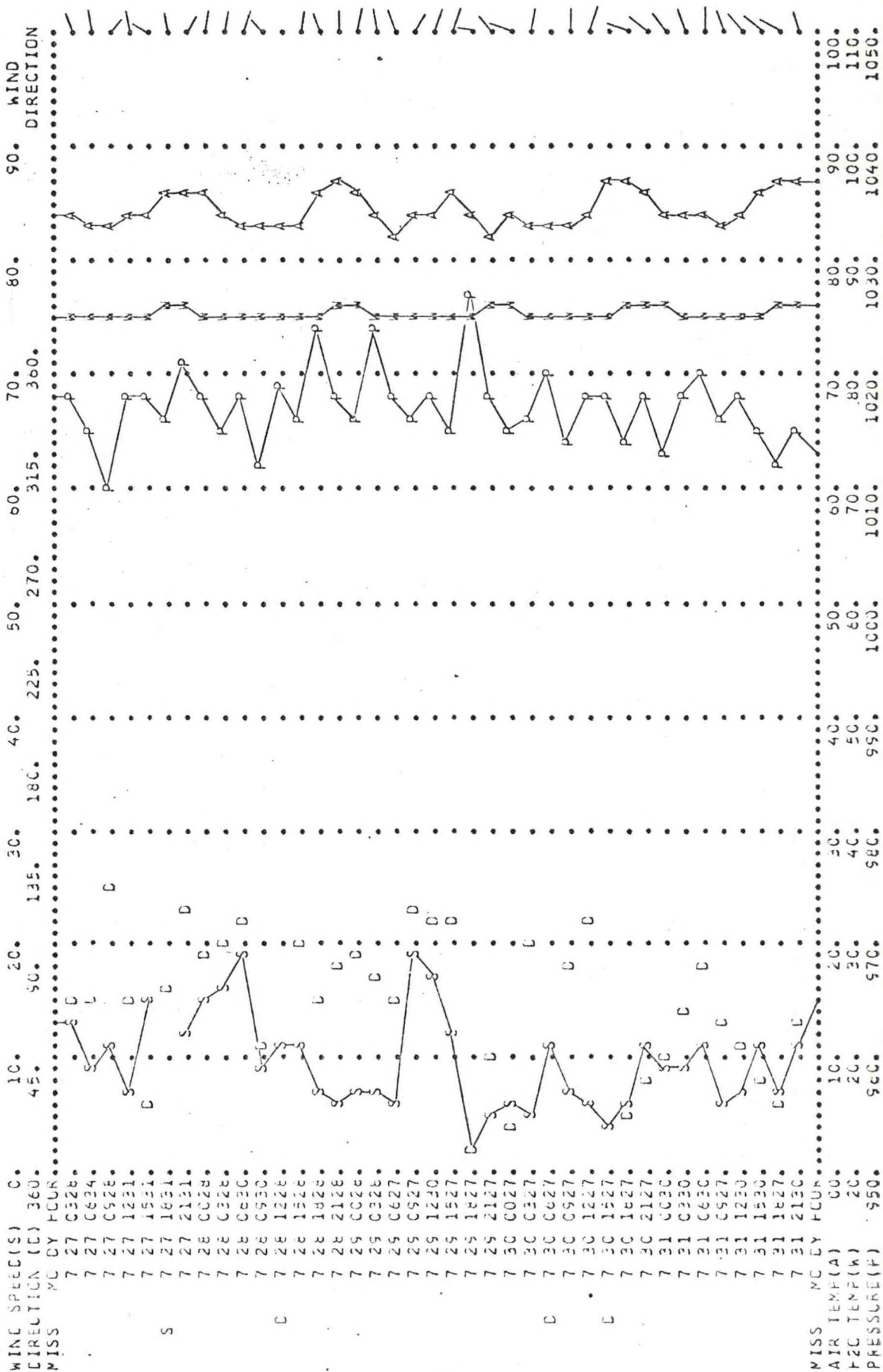
JULY 1970 FCC NEW ORLEANS NOMAD BUOY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



JULY 1970 FCC NEW ORLEANS NOMAD BUOY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

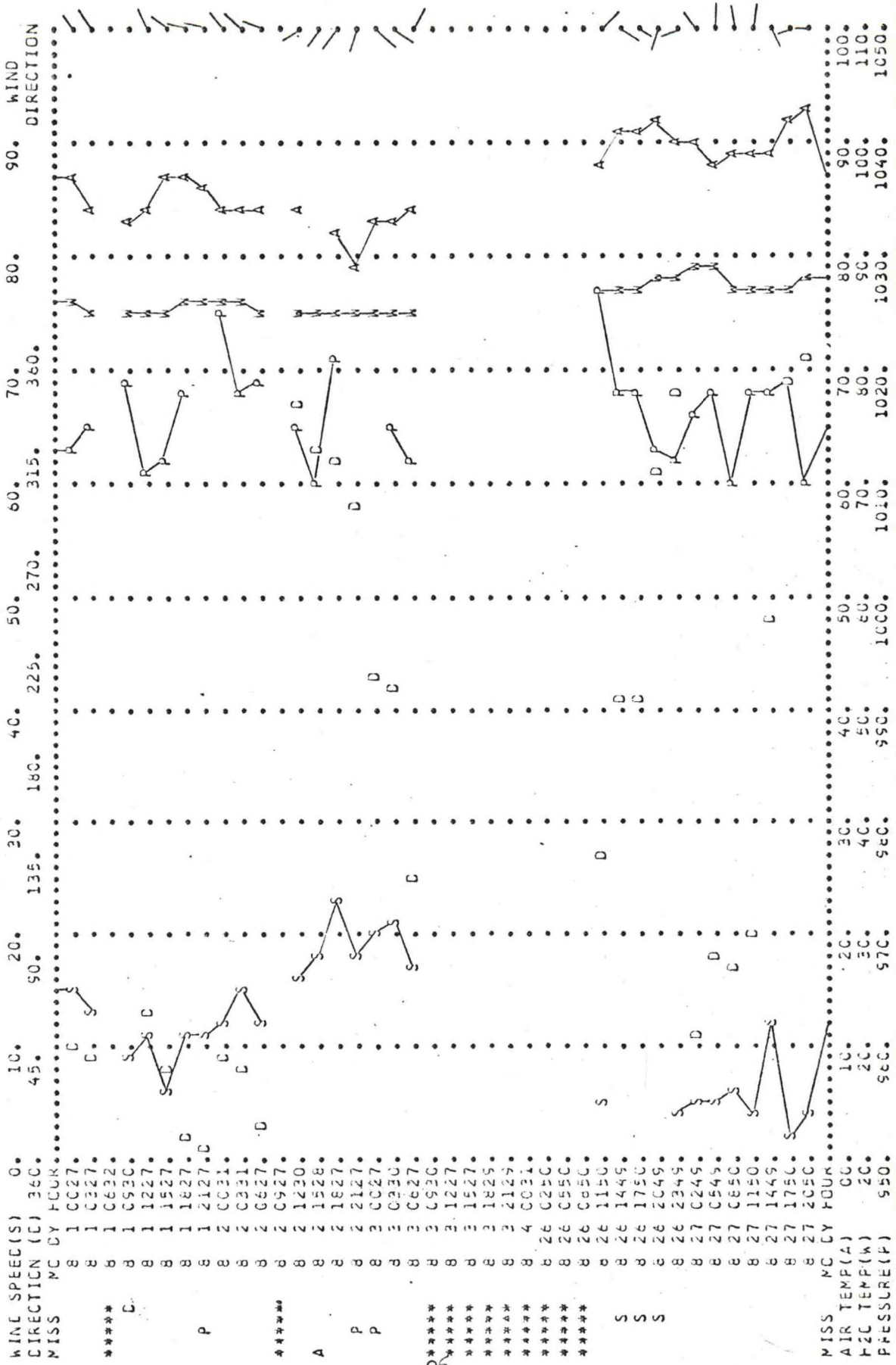


AUGUST 1970 FCC NEW ORLEANS

NOMAD, BUOY N4E

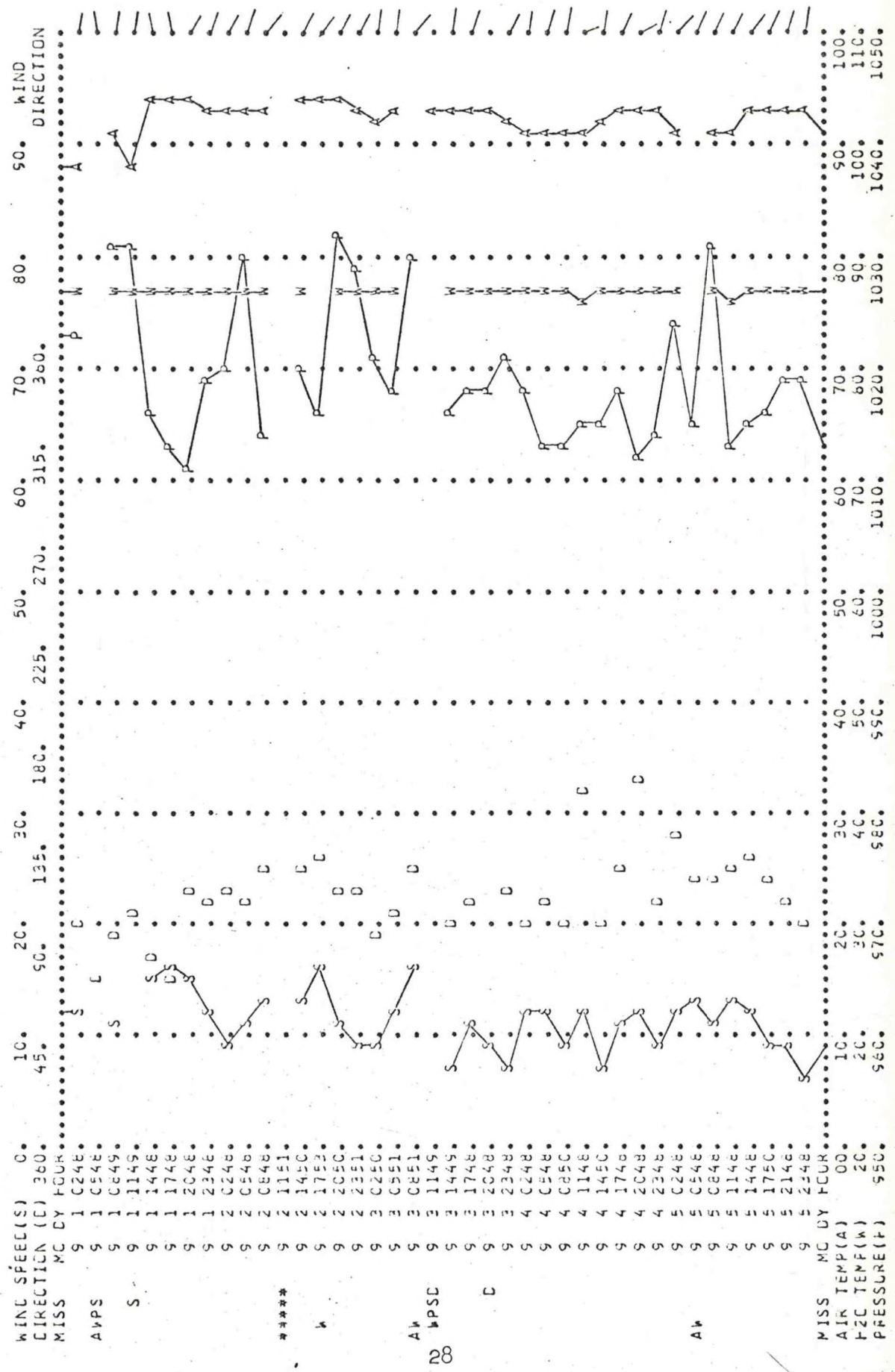
25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



SEPTEMBER 1970 FCC NEW ORLEANS NOMAD BUOY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

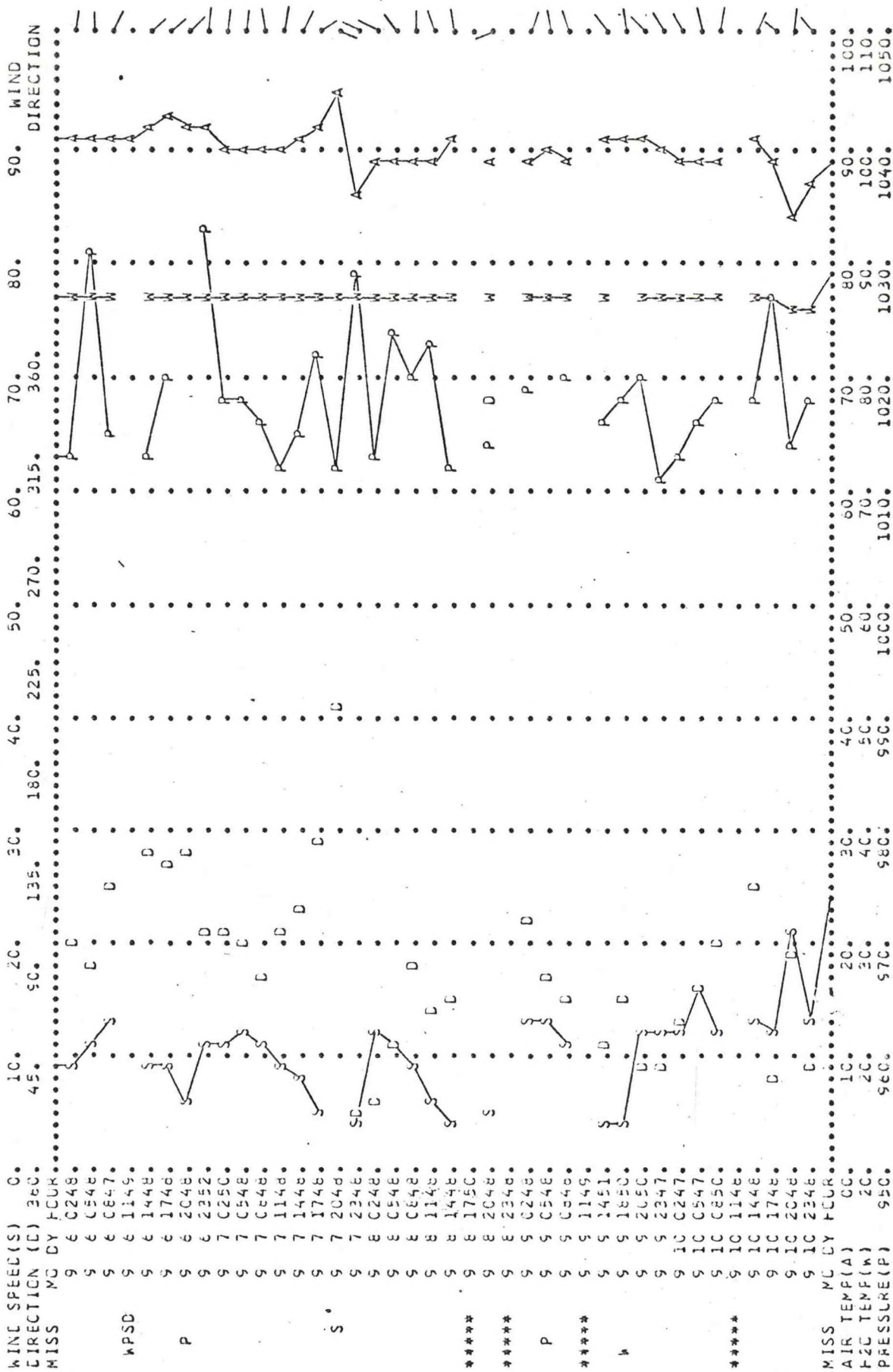


SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N4E

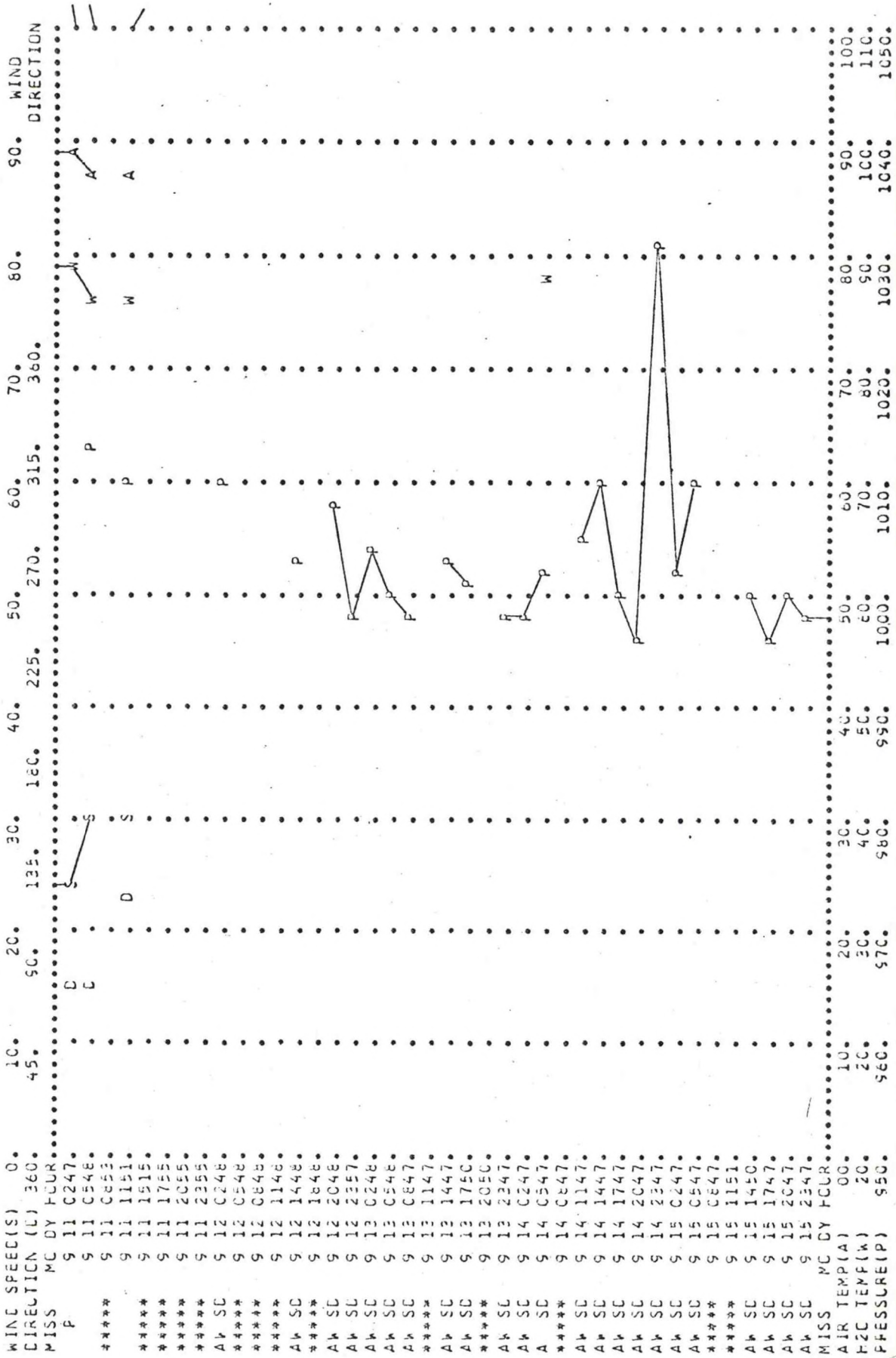
25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



SEPTEMBER 1970 FCC NEW ORLEANS NOMAD BUOY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

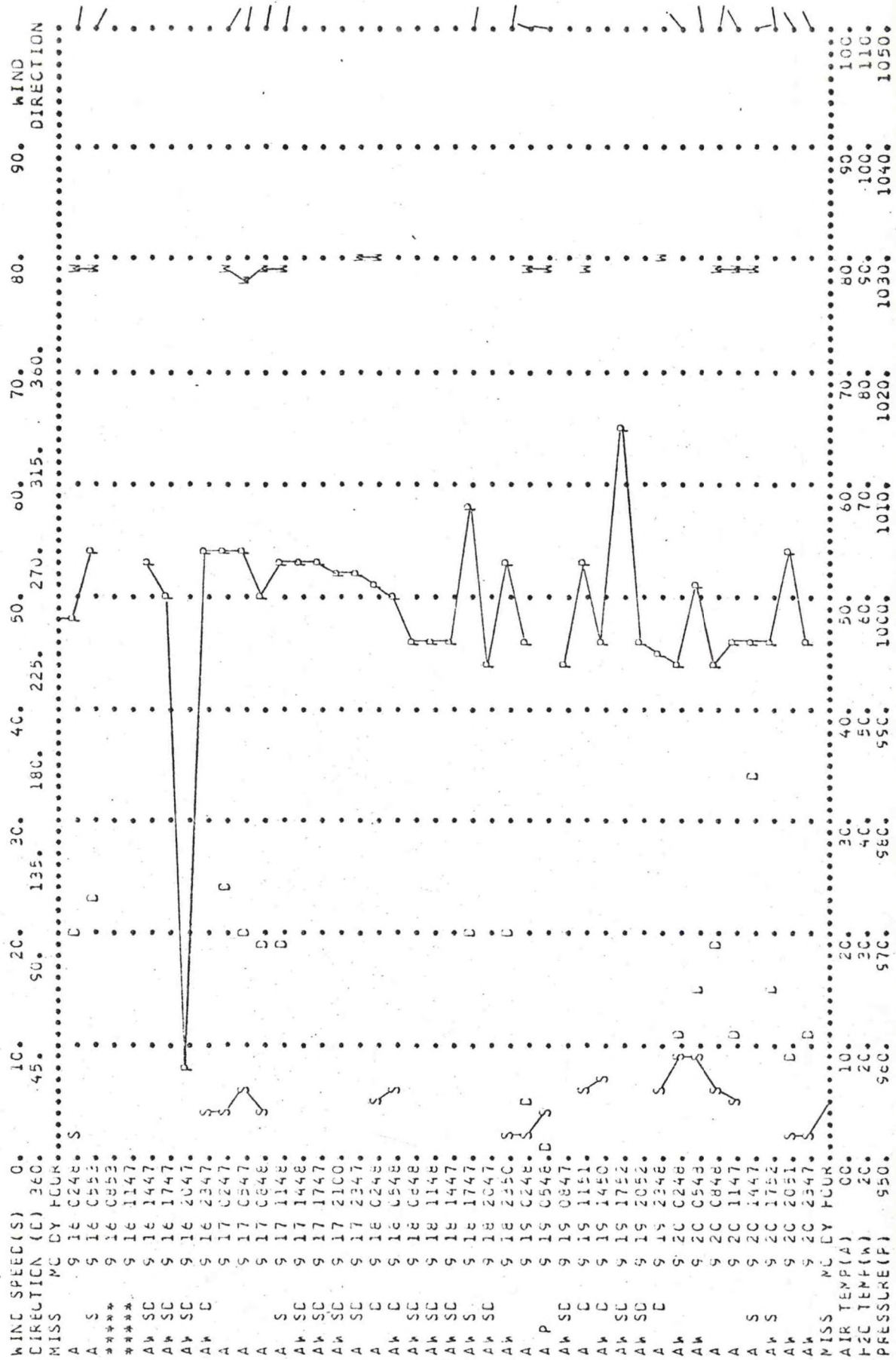


SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N4E

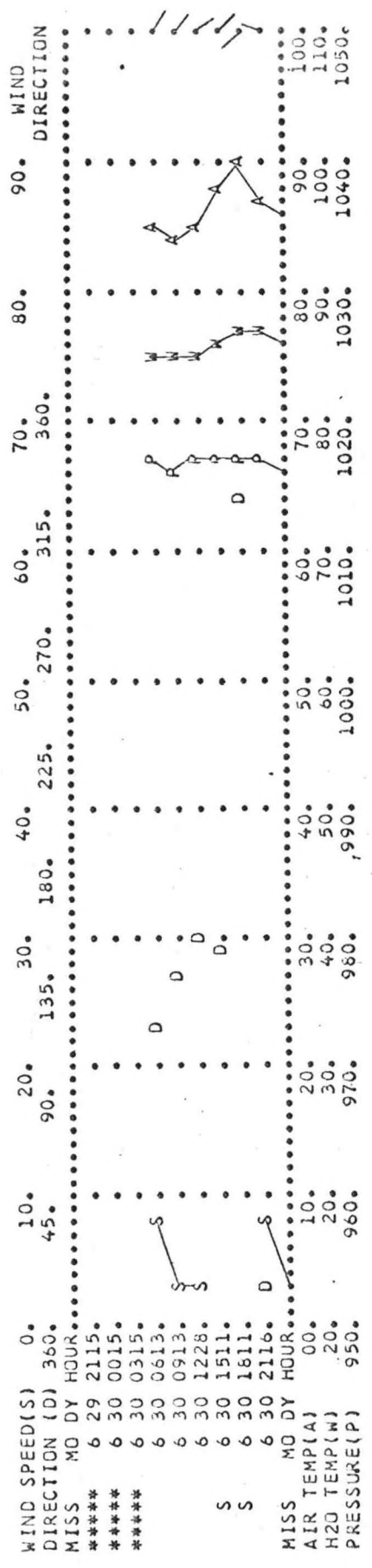
25.0 N. LATITUDE, 92.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



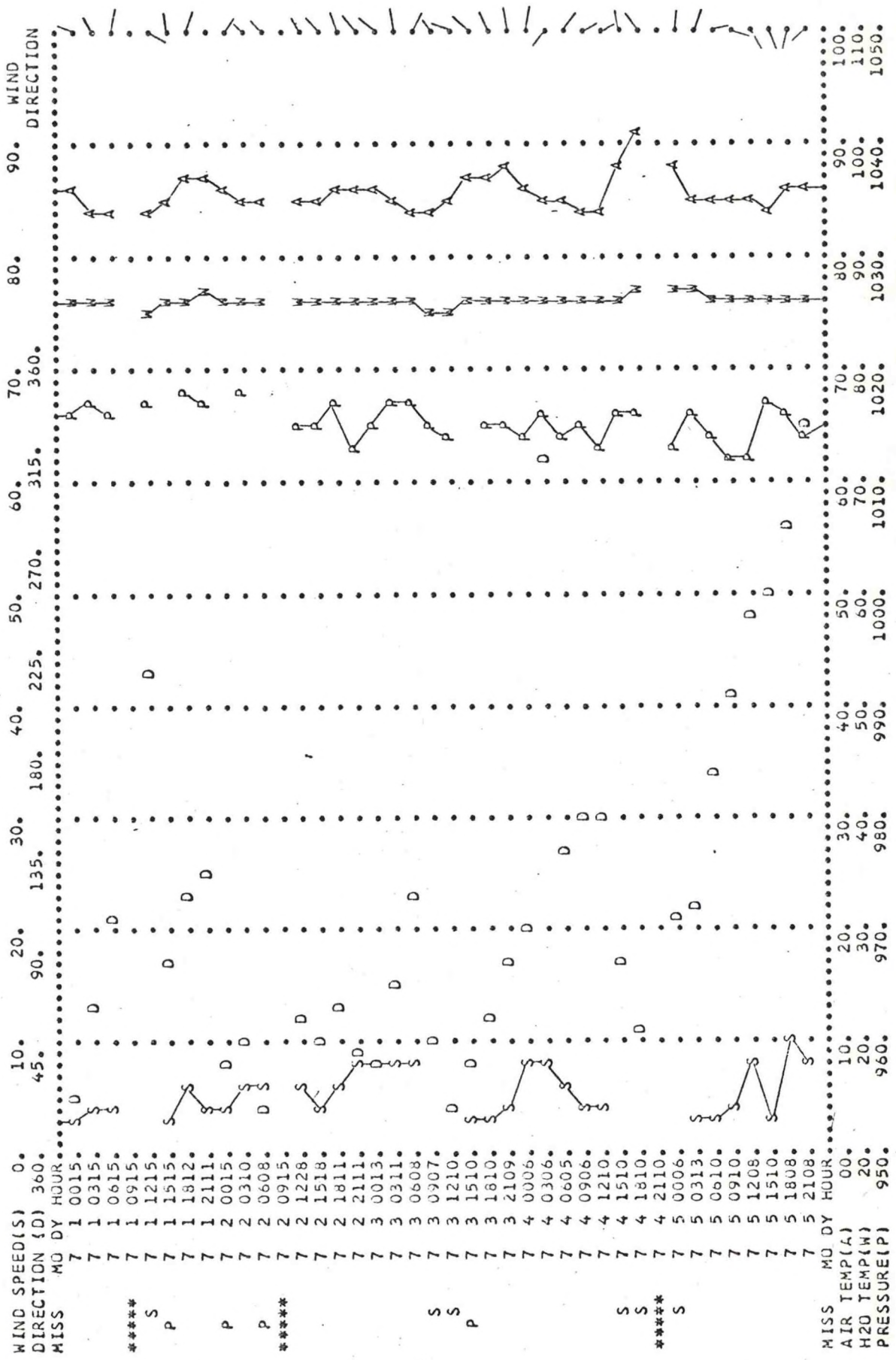
JUNE 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



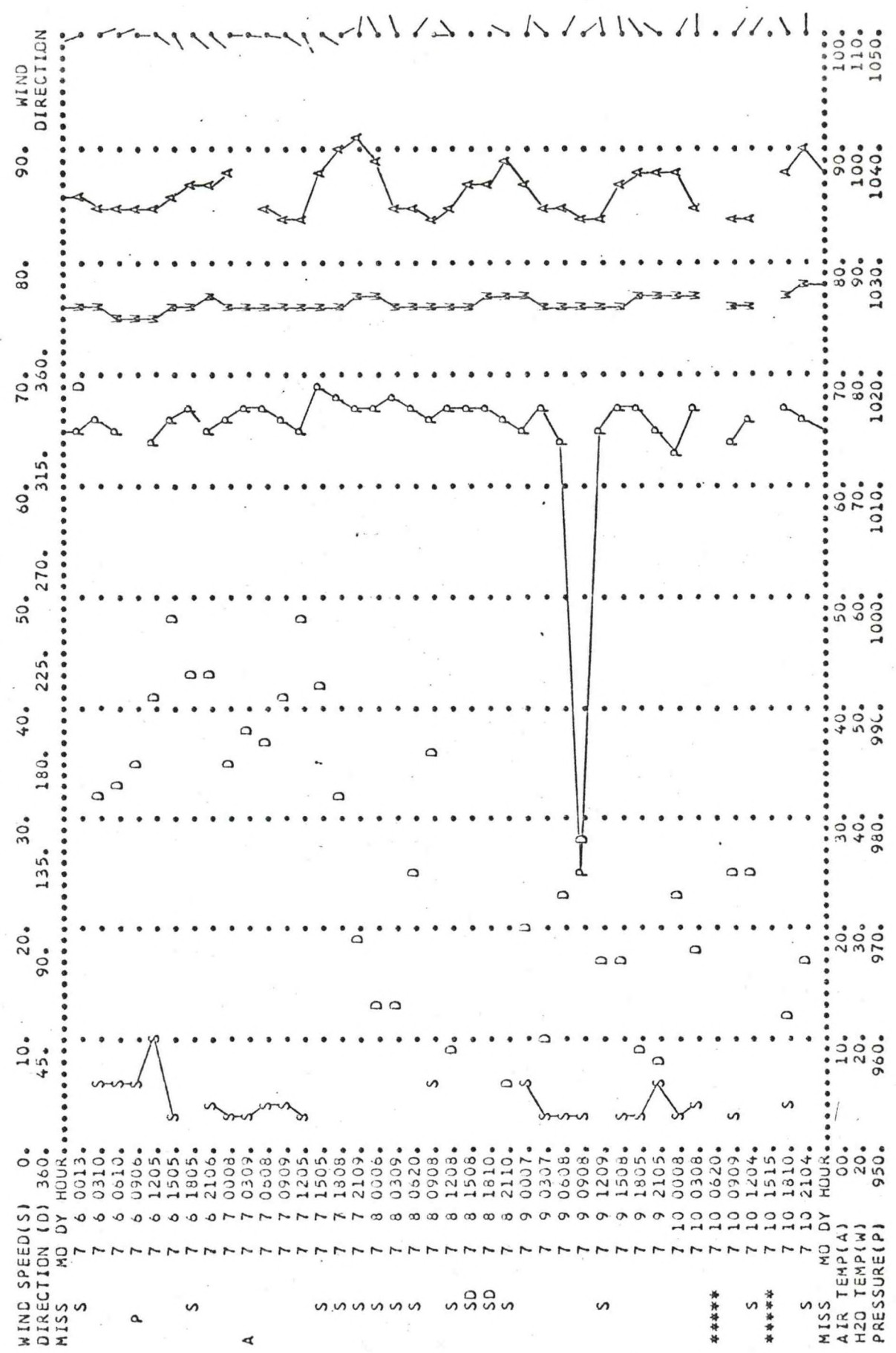
JULY 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



JULY 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

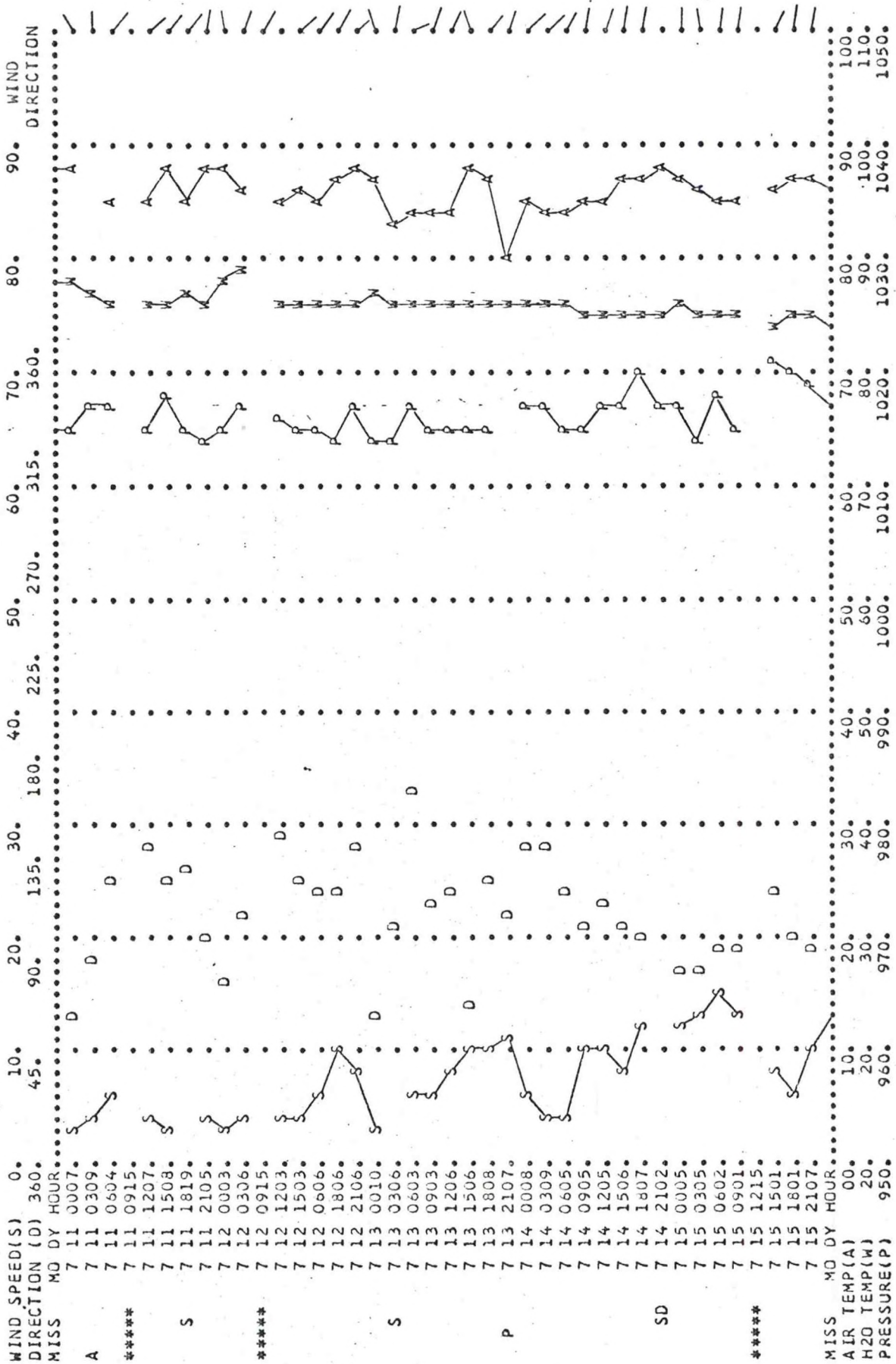


JULY 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

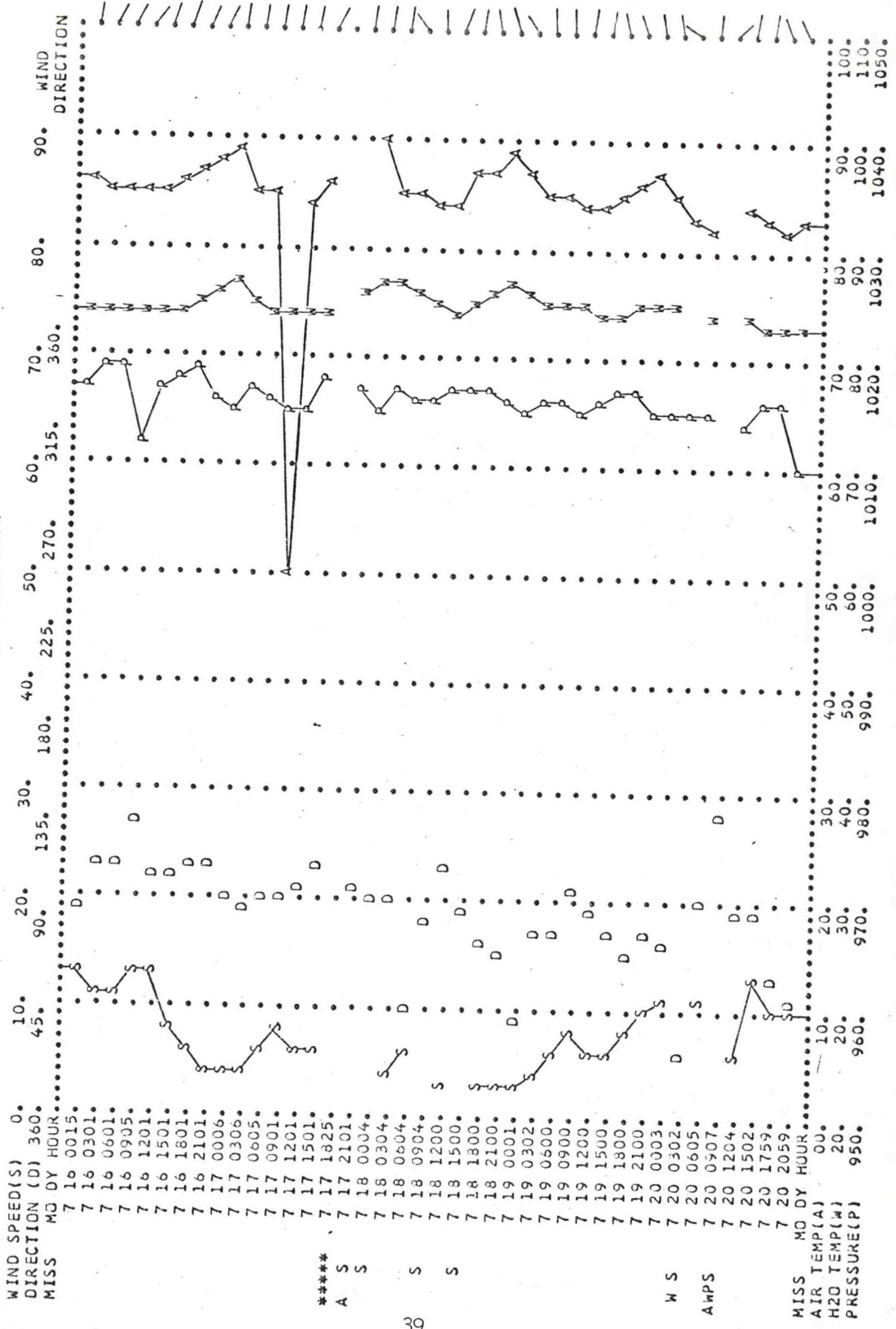
25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



JULY 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



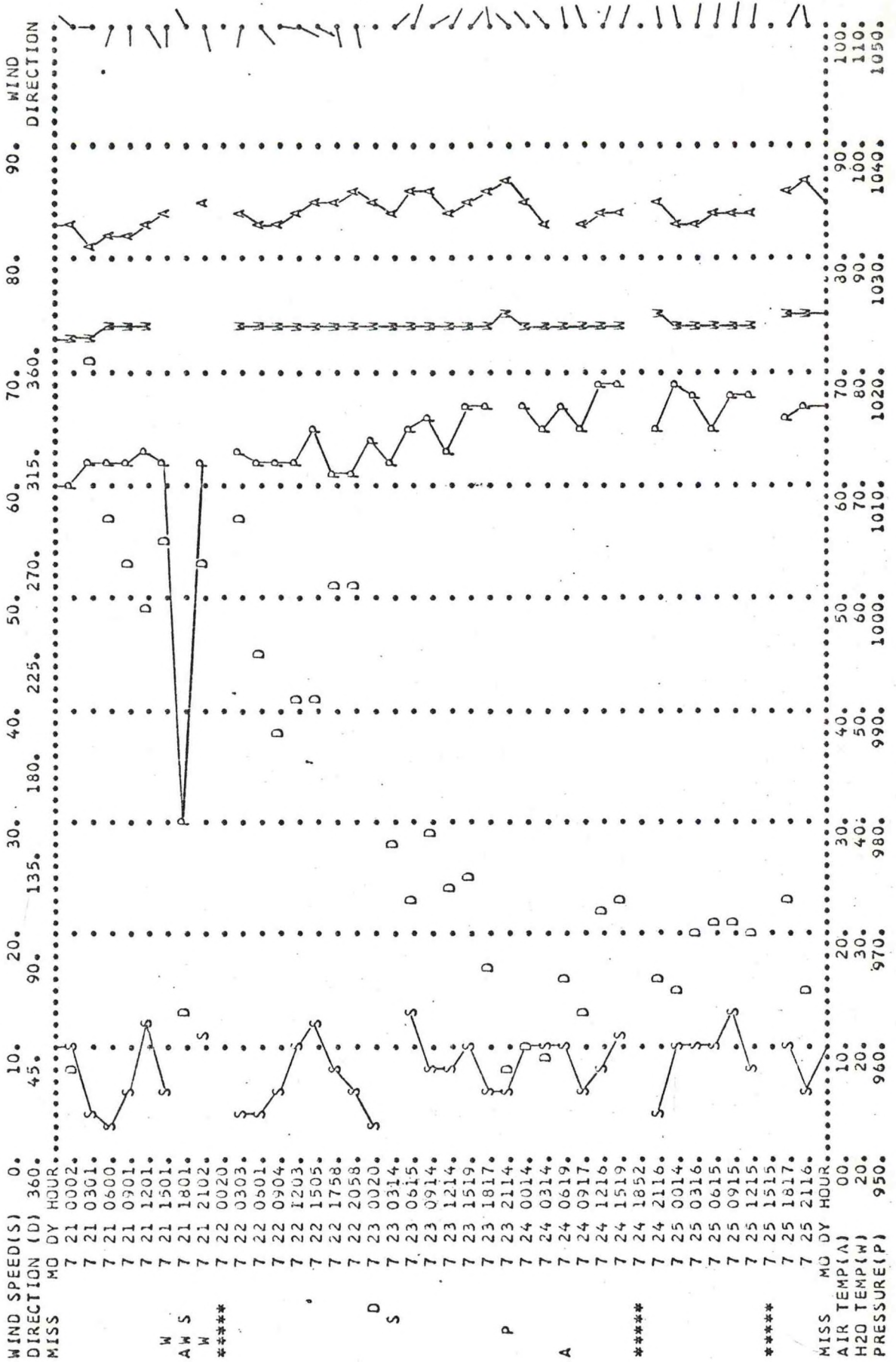
 A S
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MISS MO DY HOUR
 AIR TEMP(A) 00.
 H2O TEMP(W) 20.
 PRESSURE(P) 950.

JULY 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

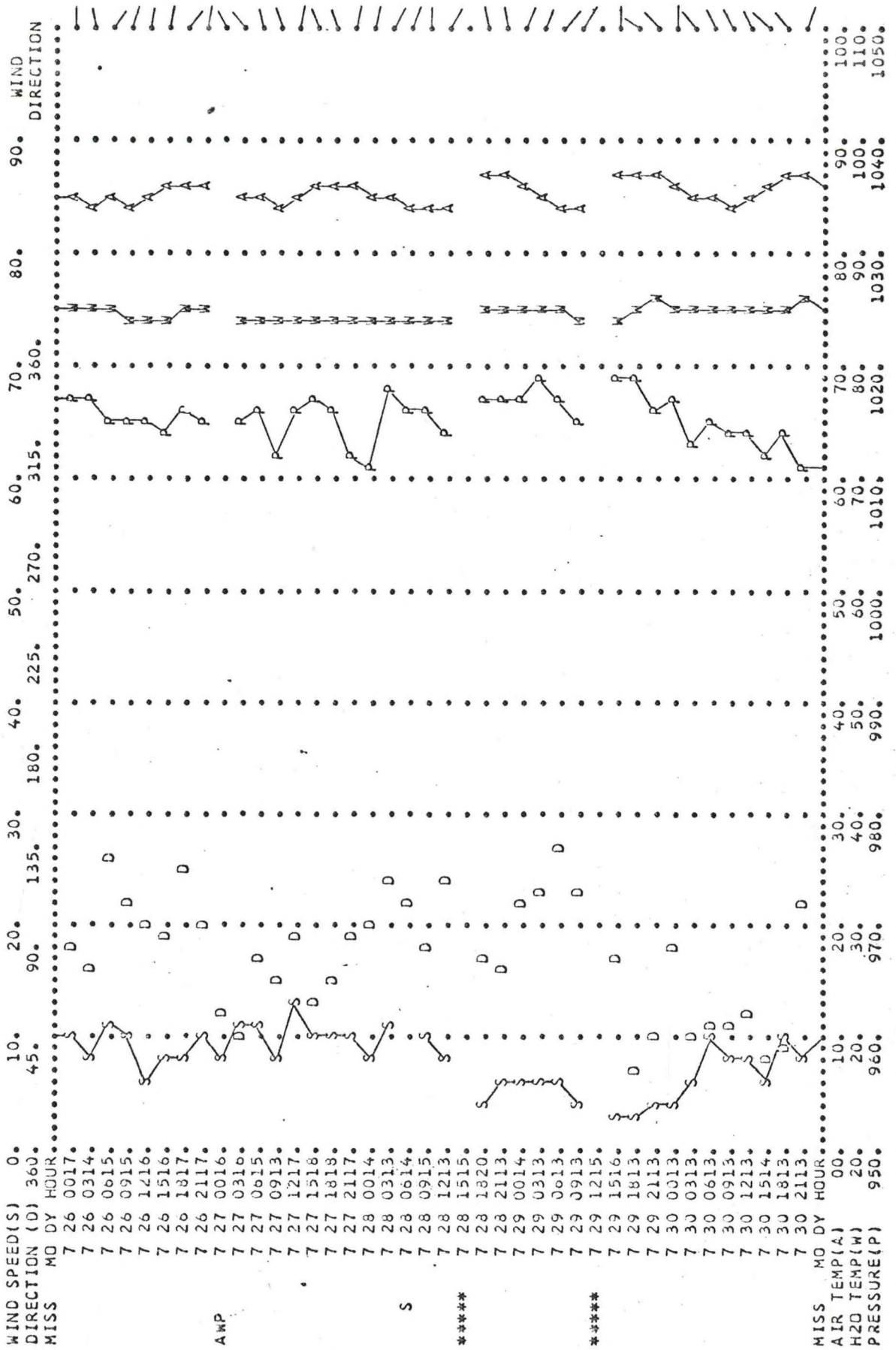


JULY 1970 FCC NEW ORLEANS

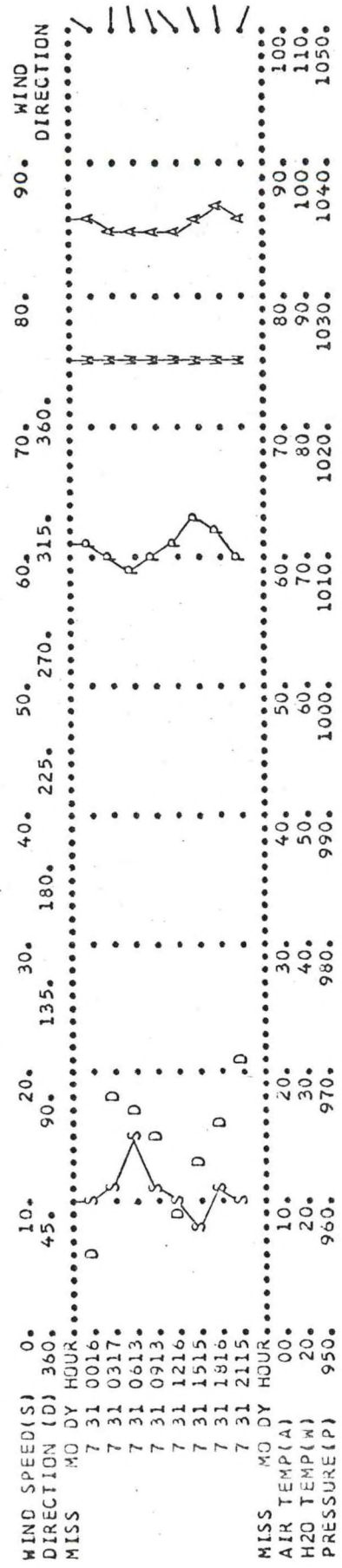
NOMAD BUOY N5E

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TIME SERIES PLOT OF NOMAD DATA



TIME SERIES PLOT OF NOMAD DATA

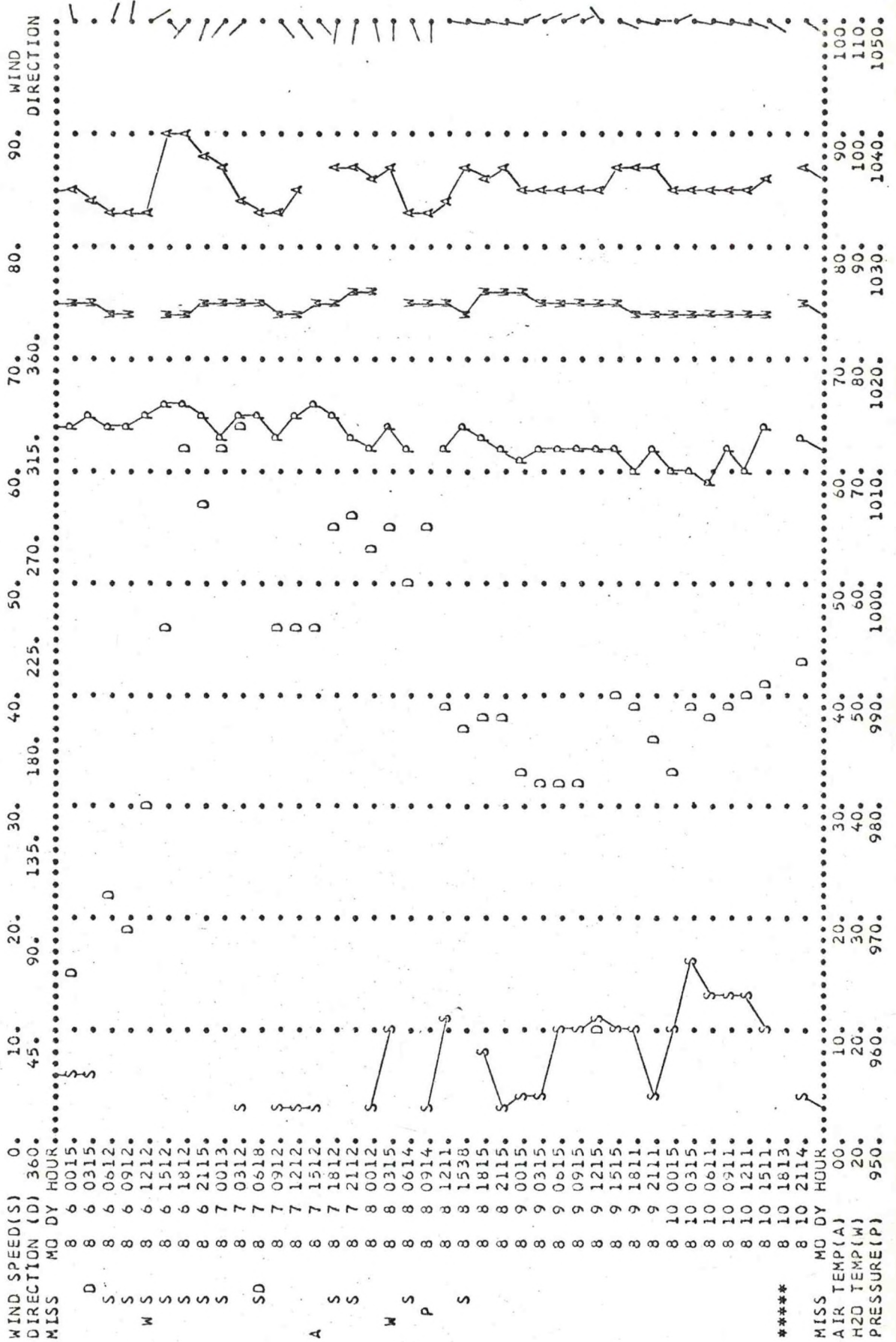


AUGUST 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

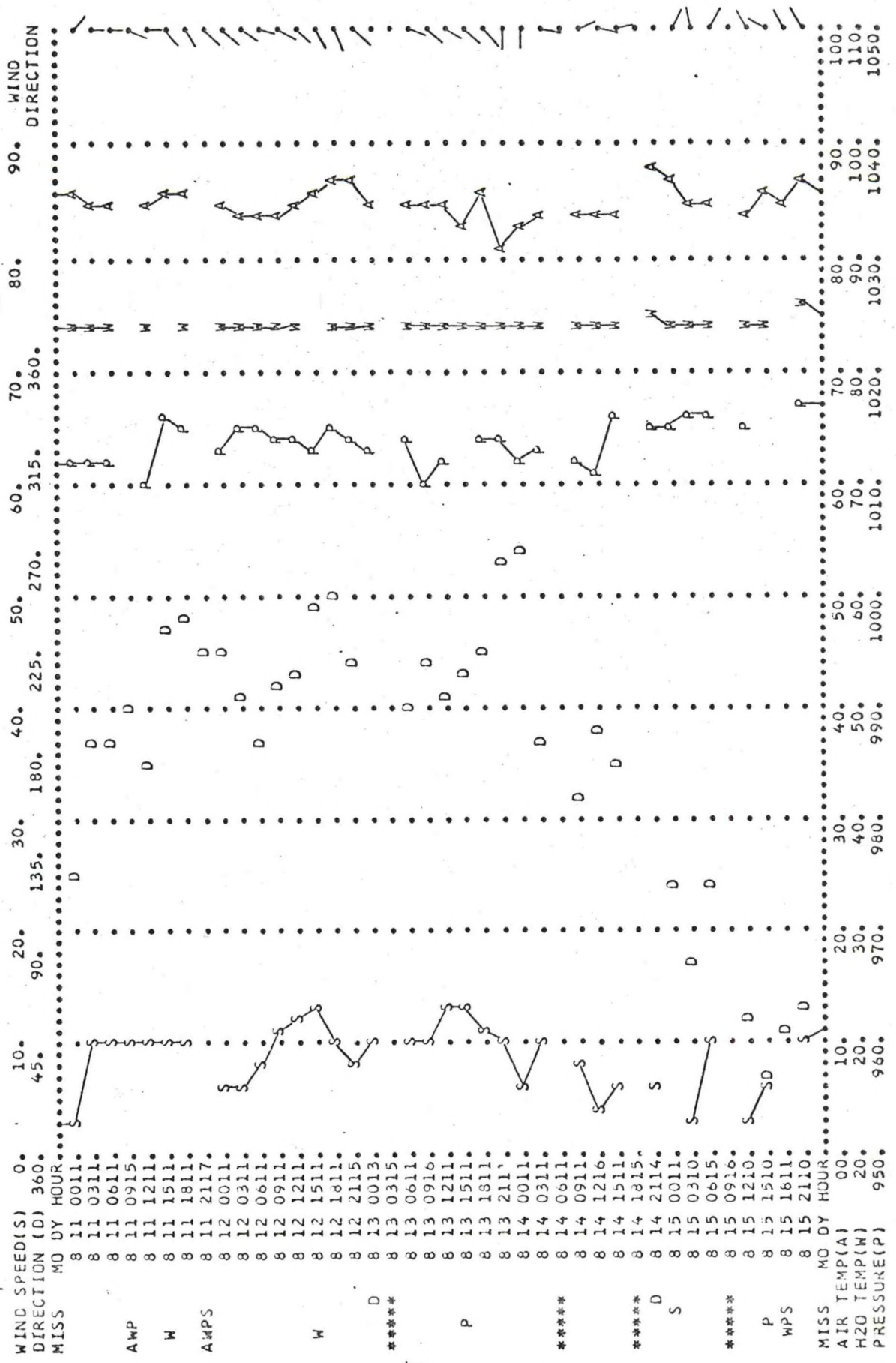
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TIME SERIES PLOT OF NOMAD DATA



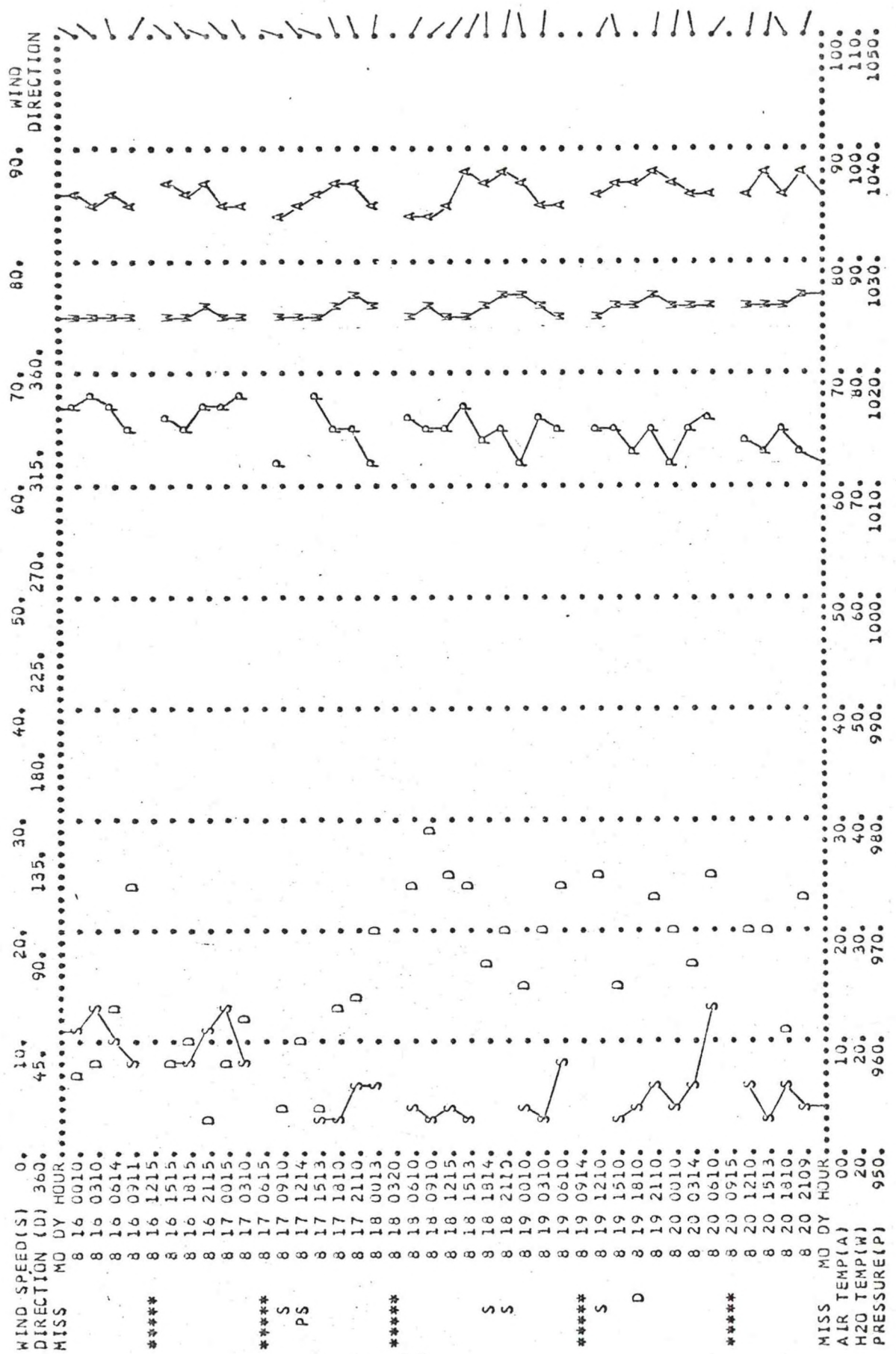
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TIME SERIES PLOT OF NOMAD DATA



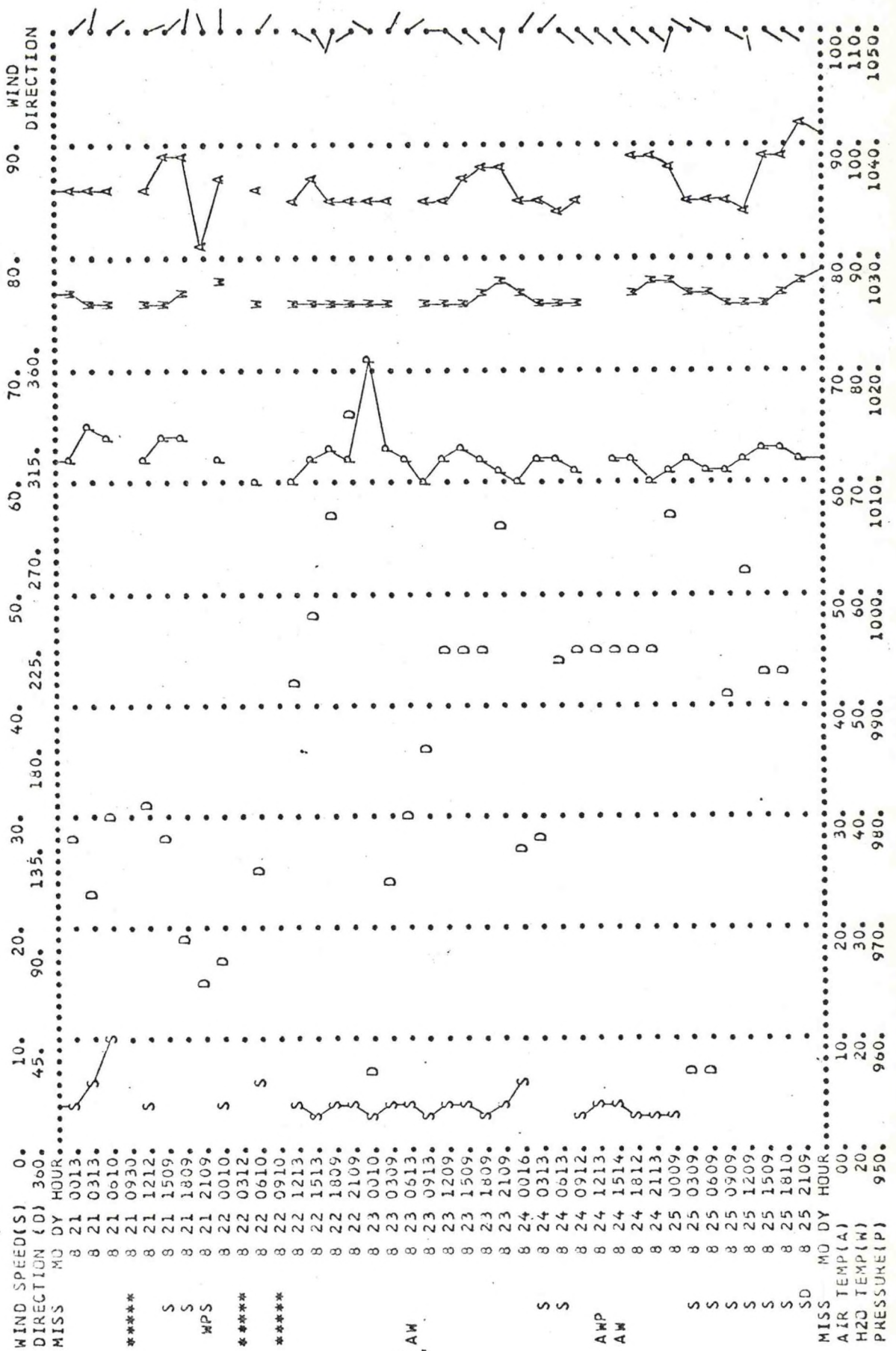
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TIME SERIES PLOT OF NOMAD DATA



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TIME SERIES PLOT OF NOMAD DATA



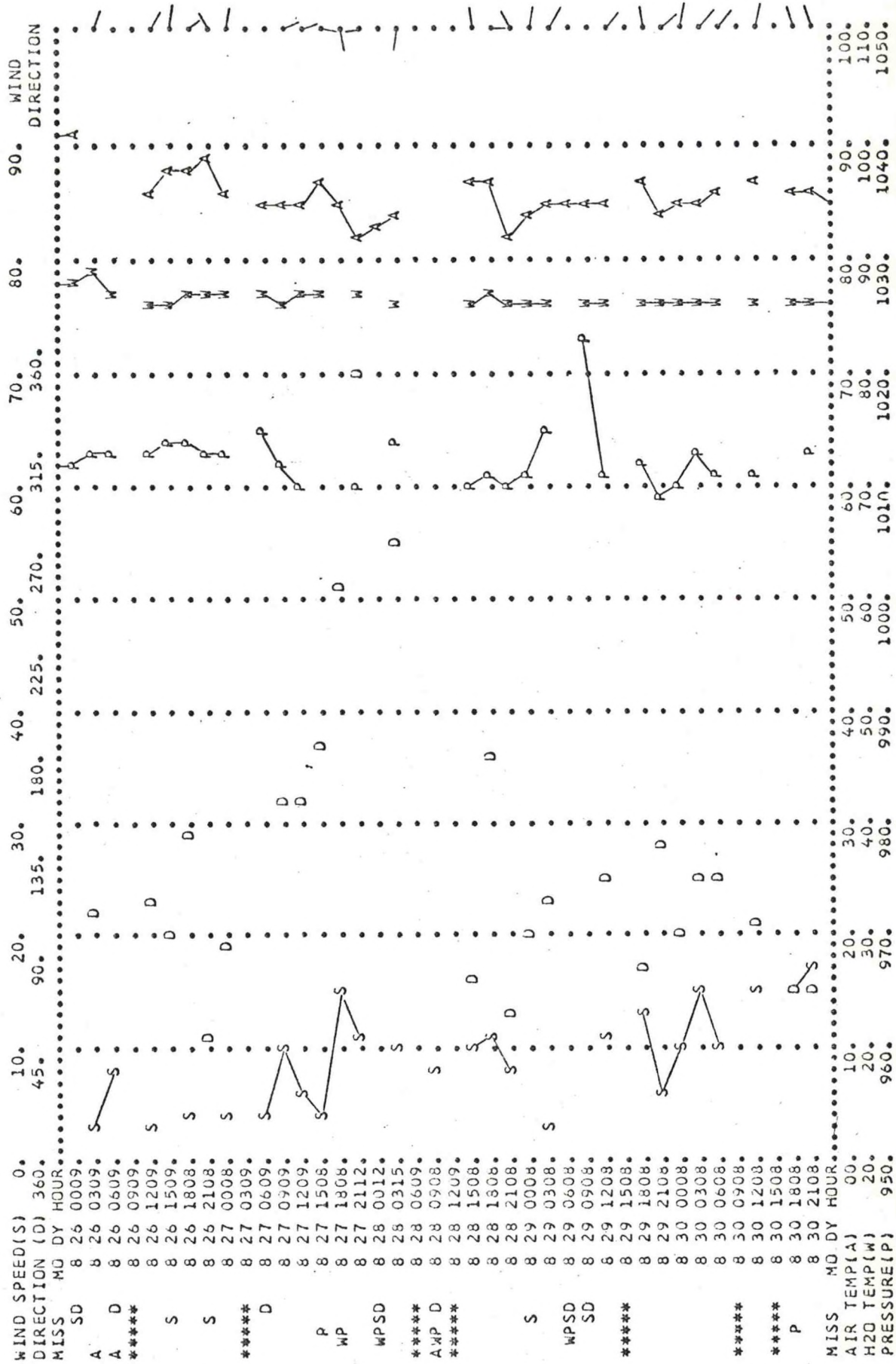
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AUGUST 1970 FCC NEW ORLEANS

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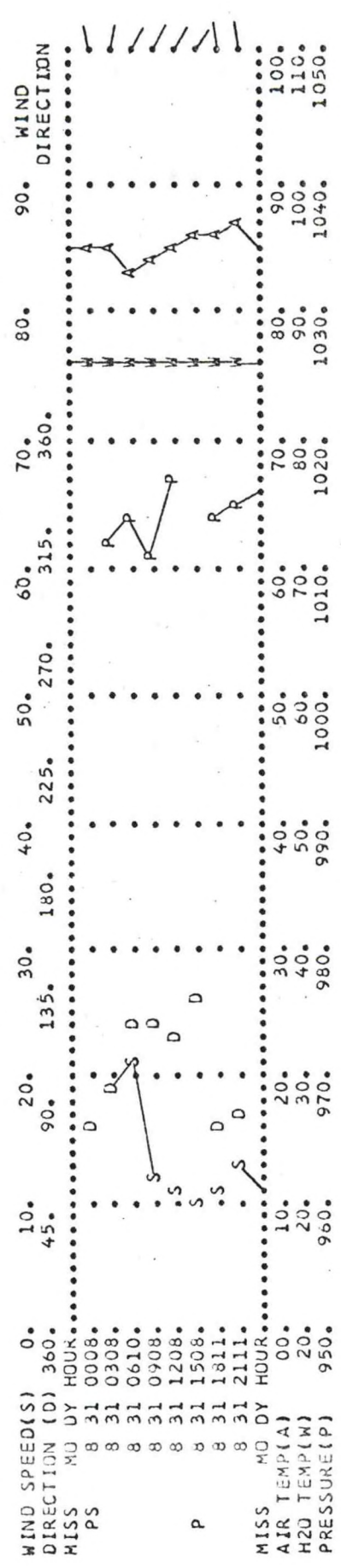
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TIME SERIES PLOT OF NOMAD DATA



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TIME SERIES PLOT OF NOMAD DATA

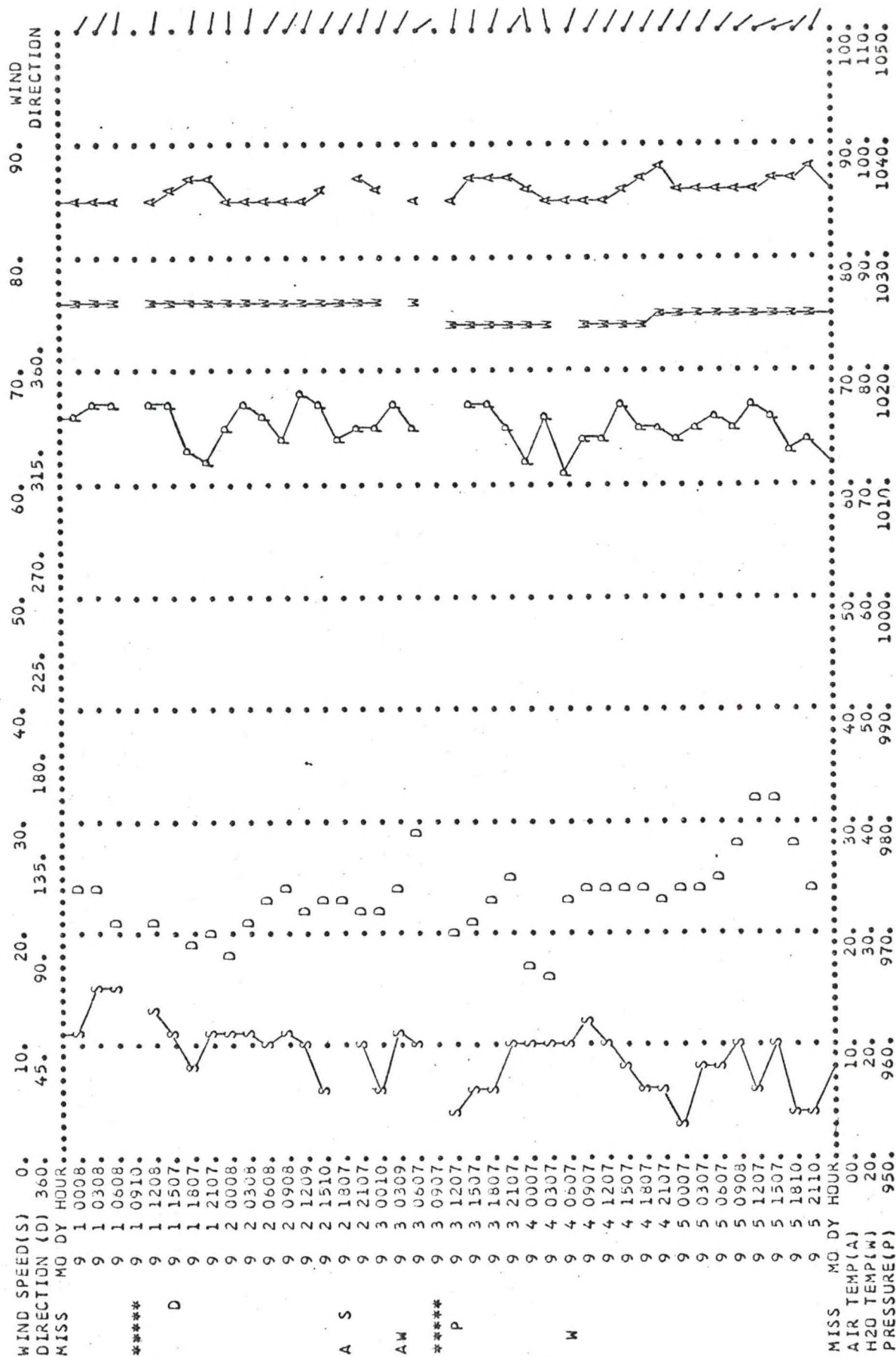


SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

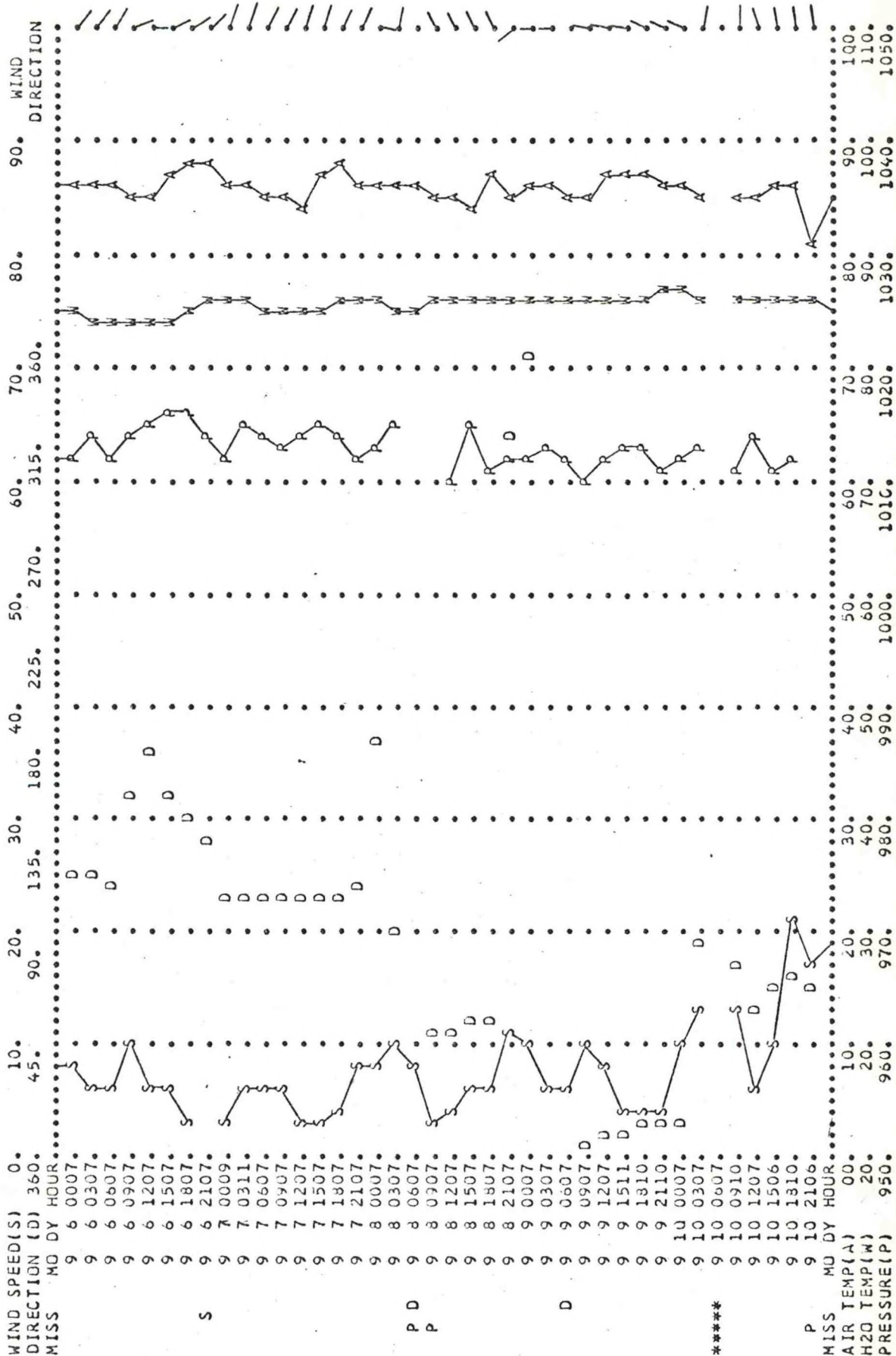


SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

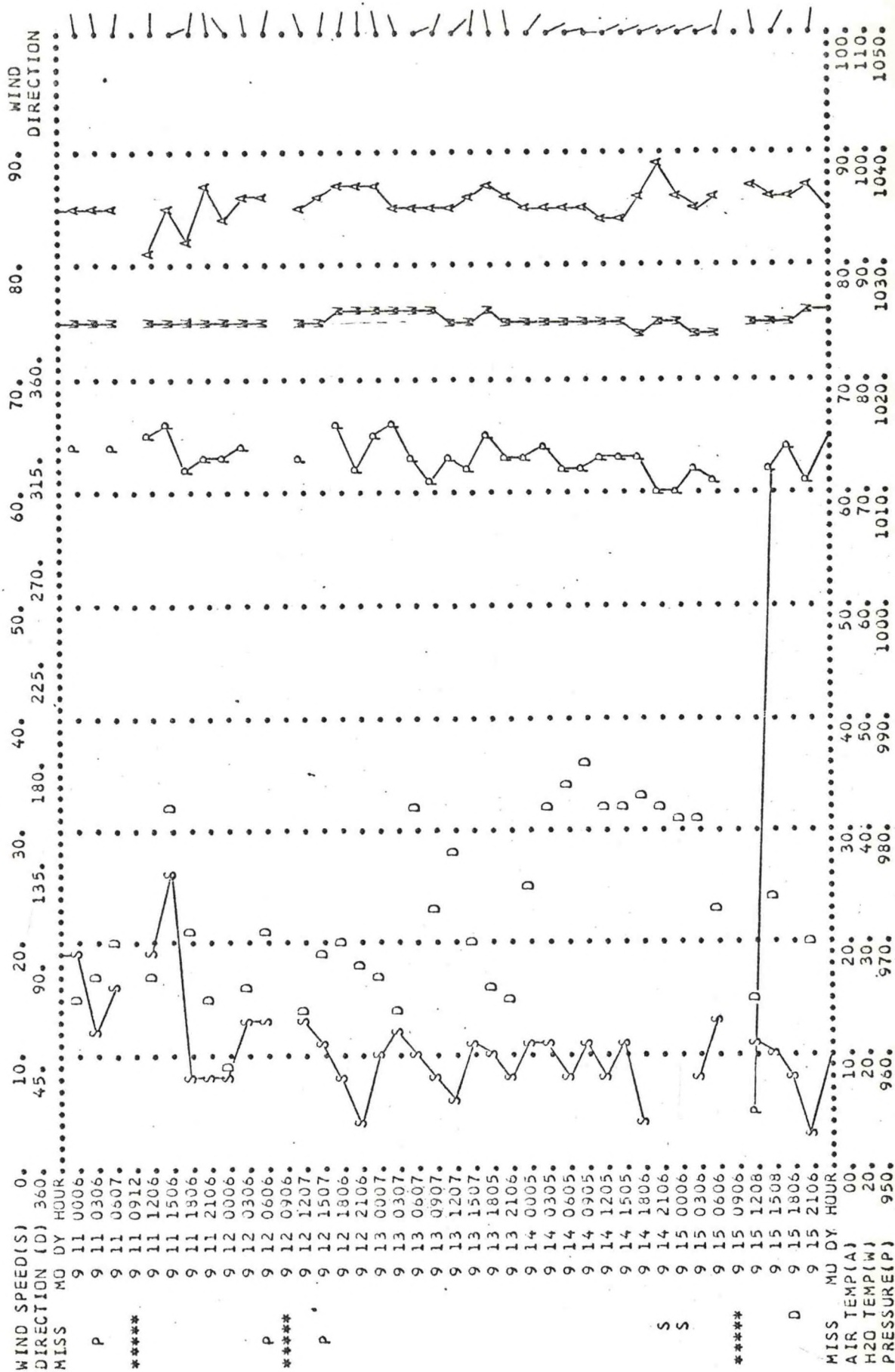
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TIME SERIES PLOT OF NOMAD DATA



SEPTEMBER 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

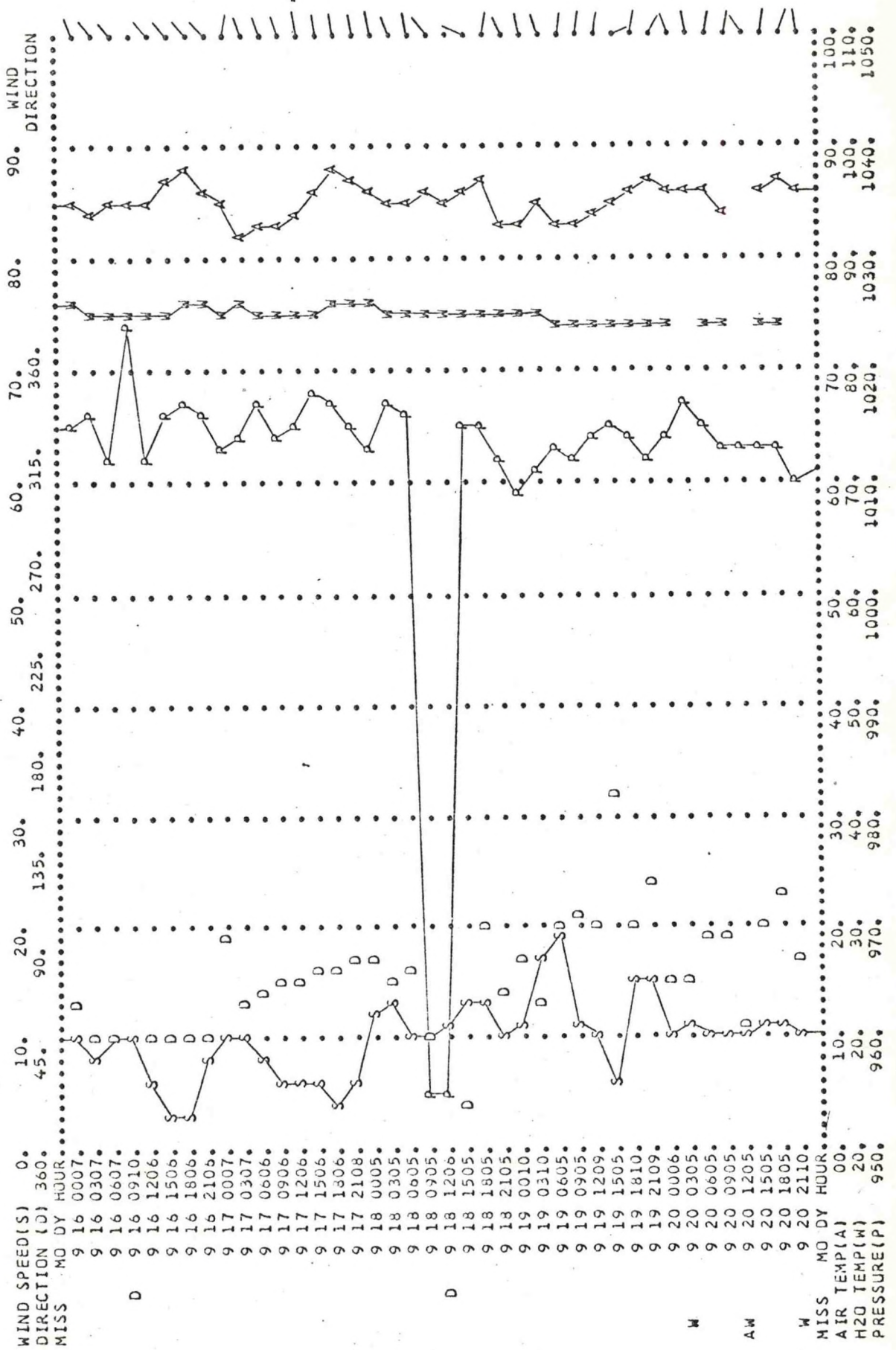


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NOMAD BUOY N5E

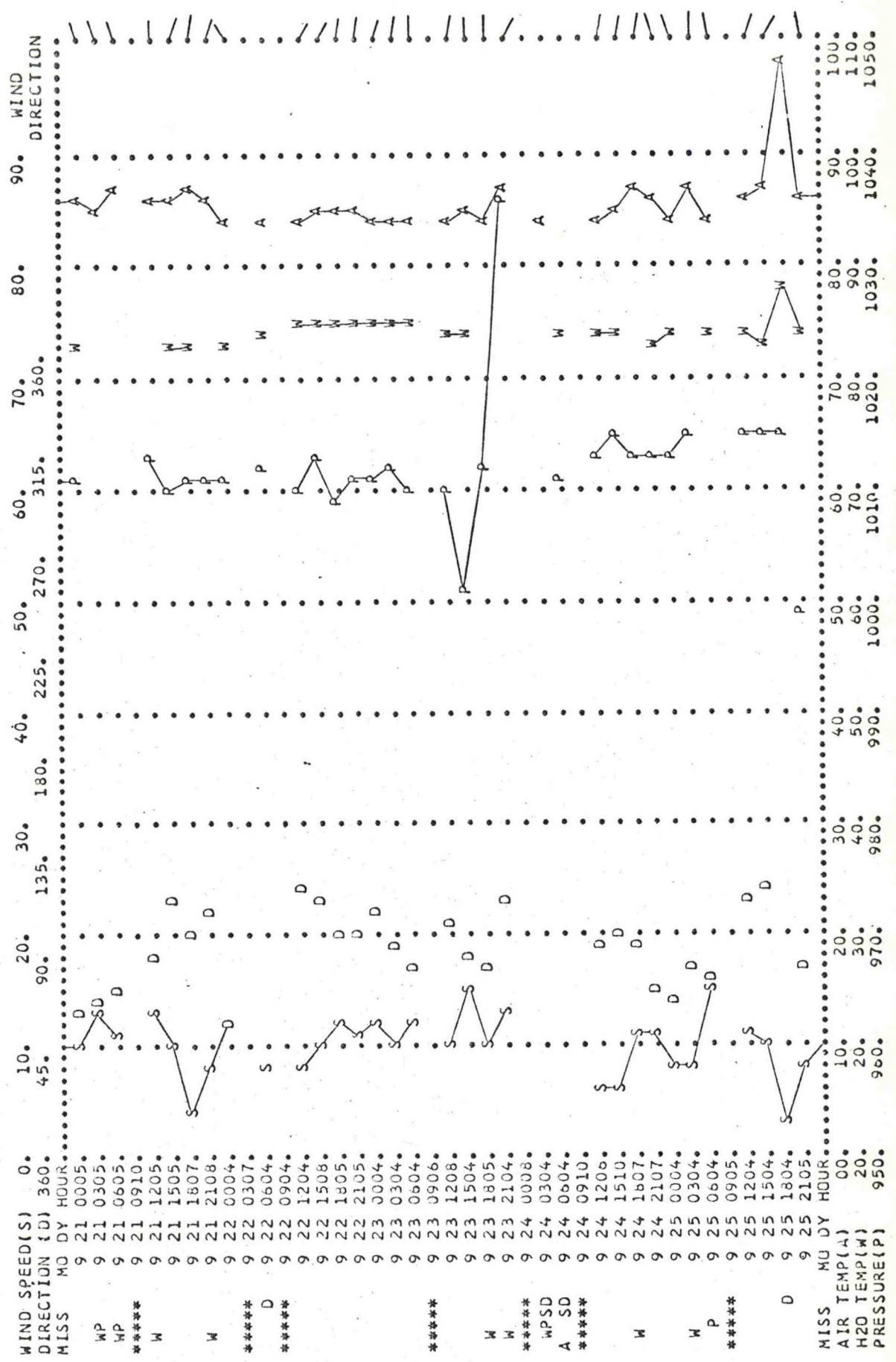
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TIME SERIES PLOT OF NOMAD DATA



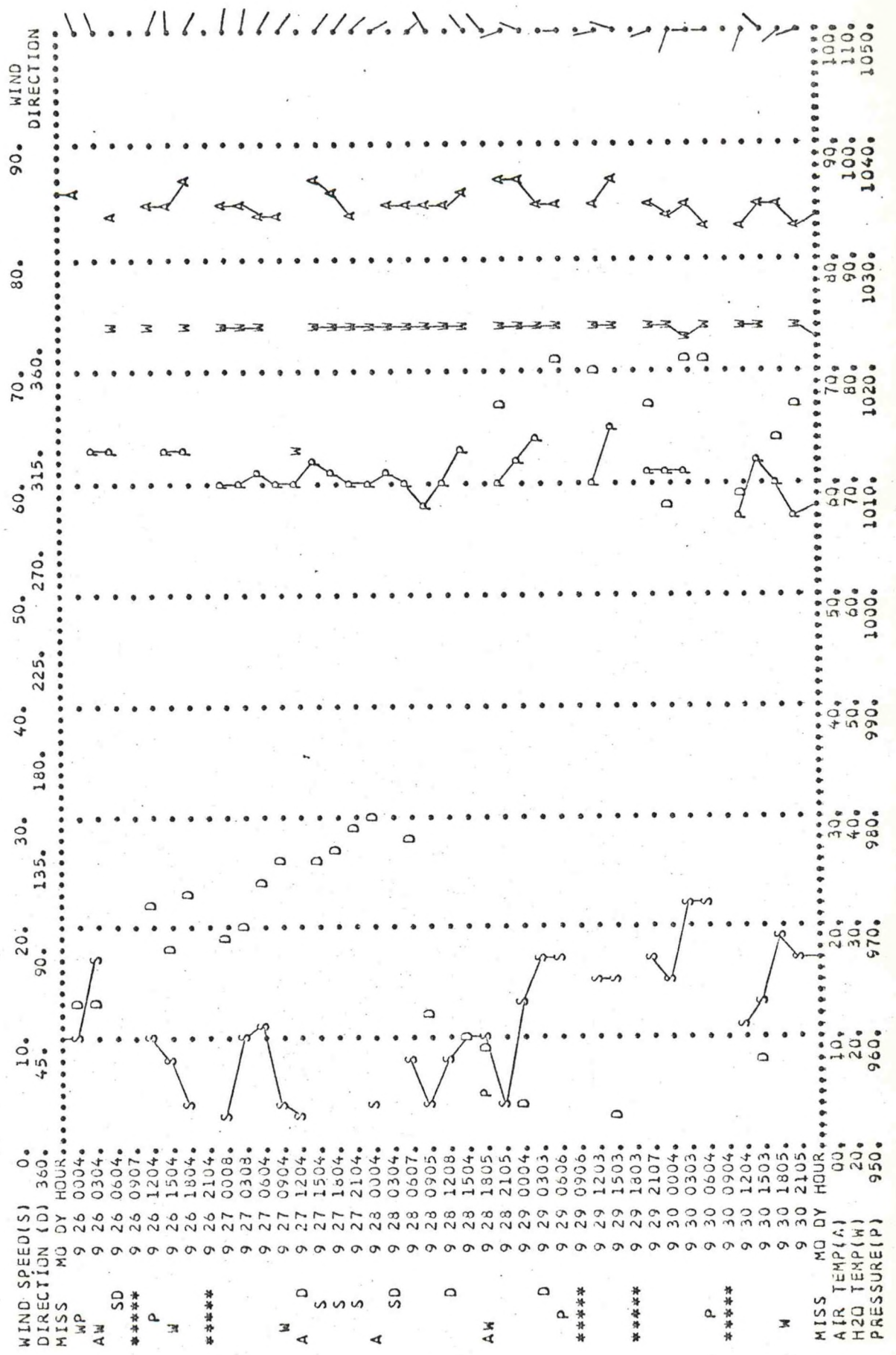
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TIME SERIES PLOT OF NOMAD DATA



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TIME SERIES PLOT OF NOMAD DATA

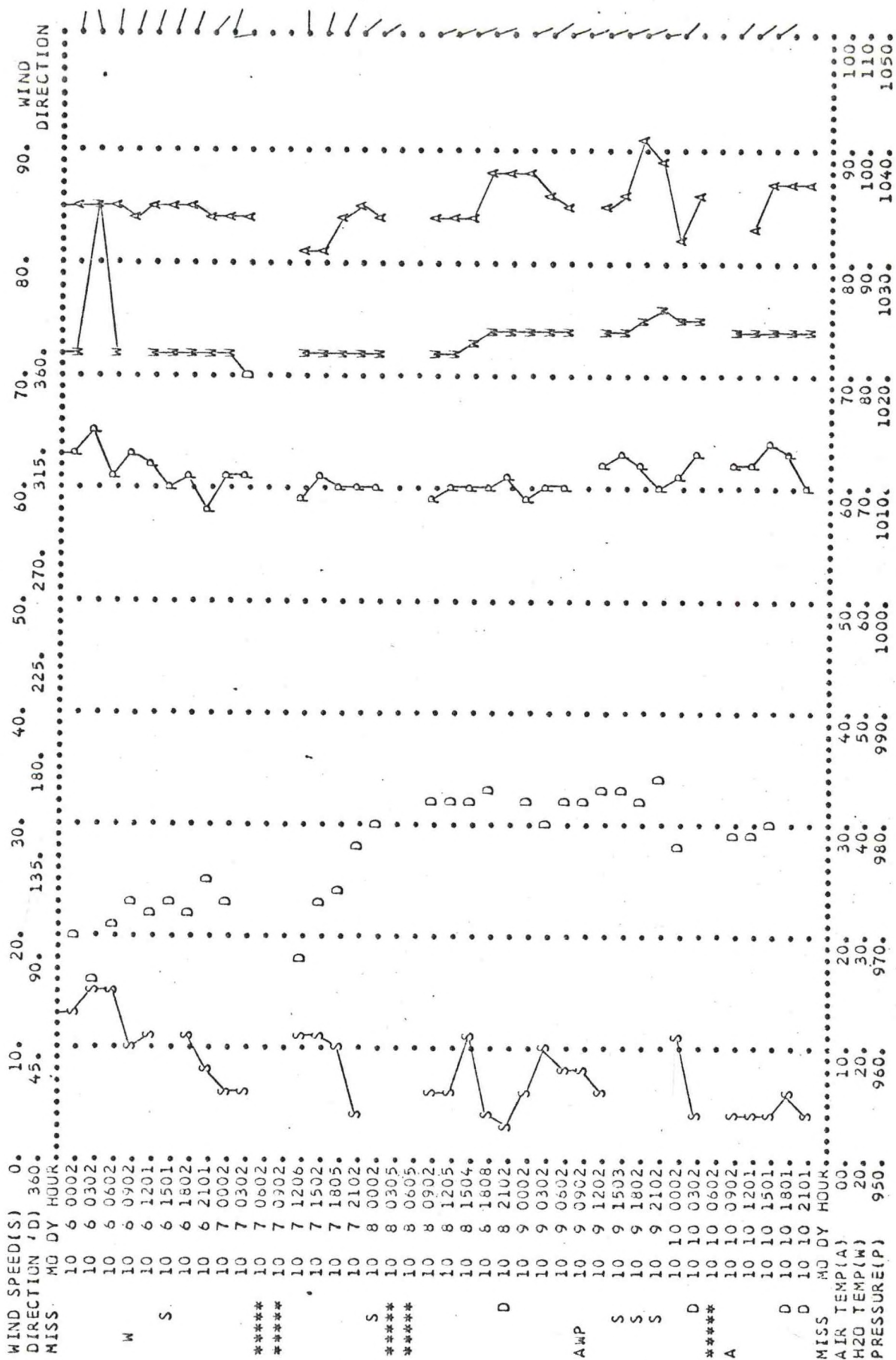


OCTOBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

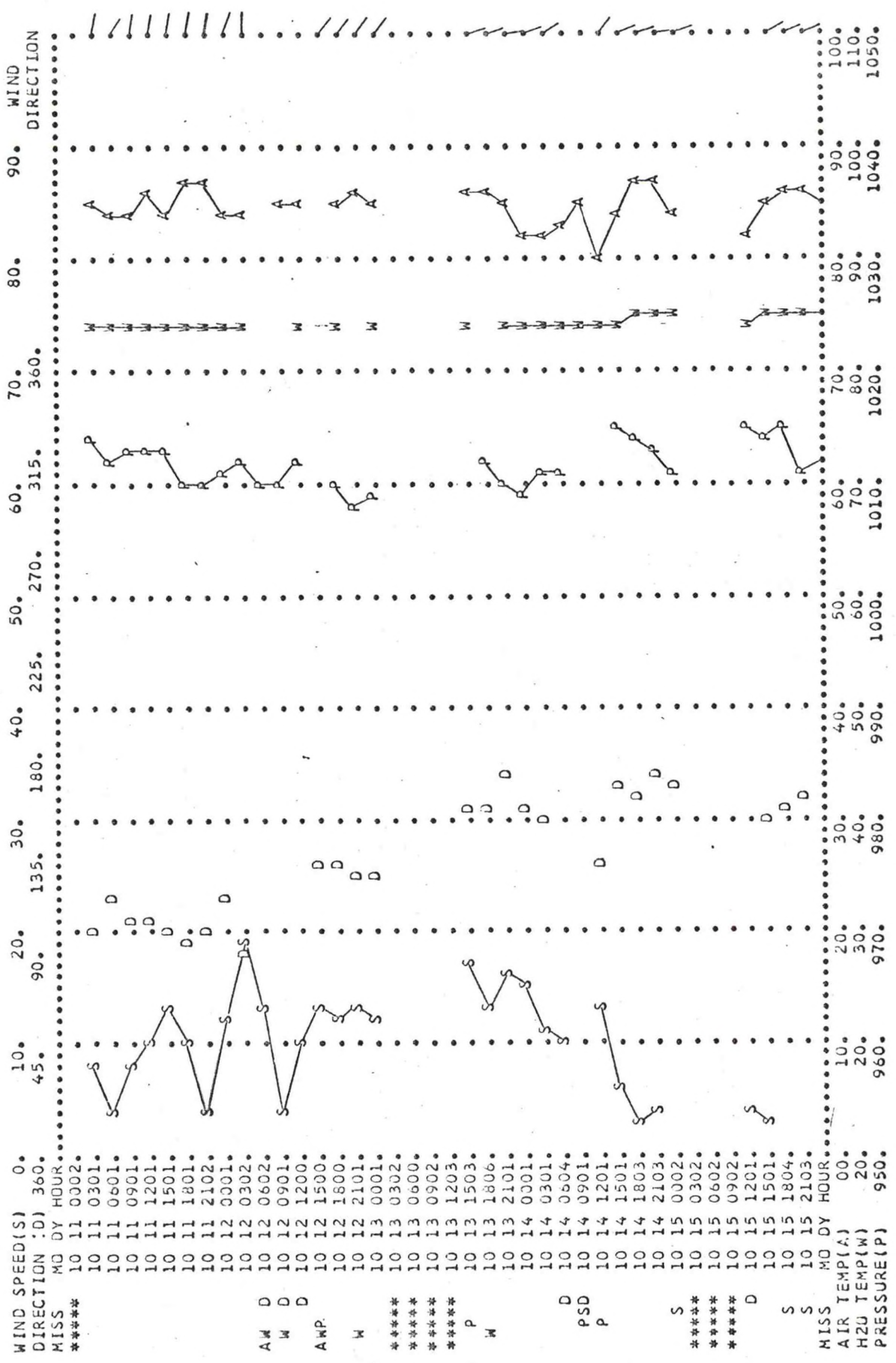
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TIME SERIES PLOT OF NOMAD DATA



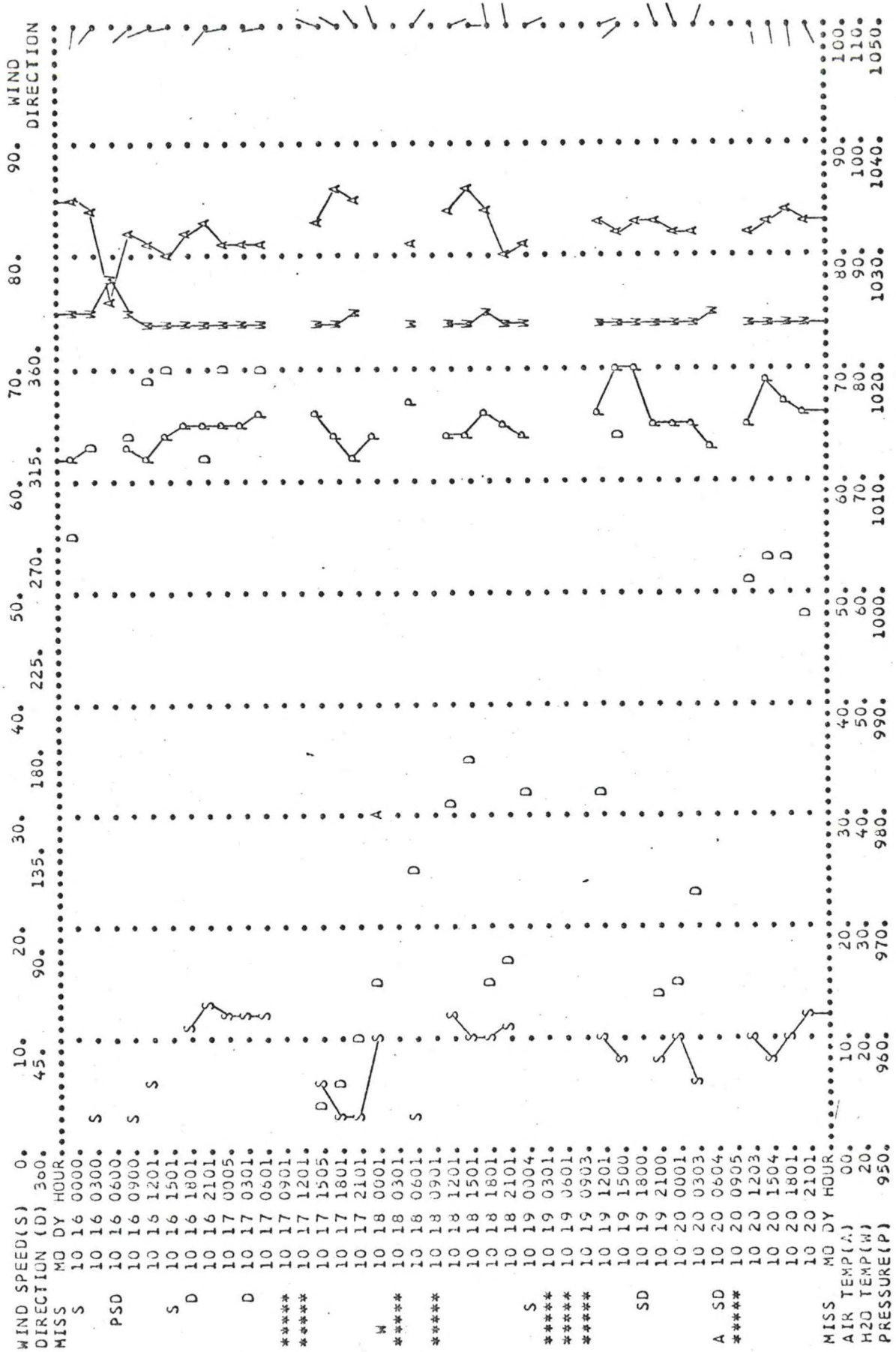
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TIME SERIES PLOT OF NOMAD DATA



OCTOBER 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA

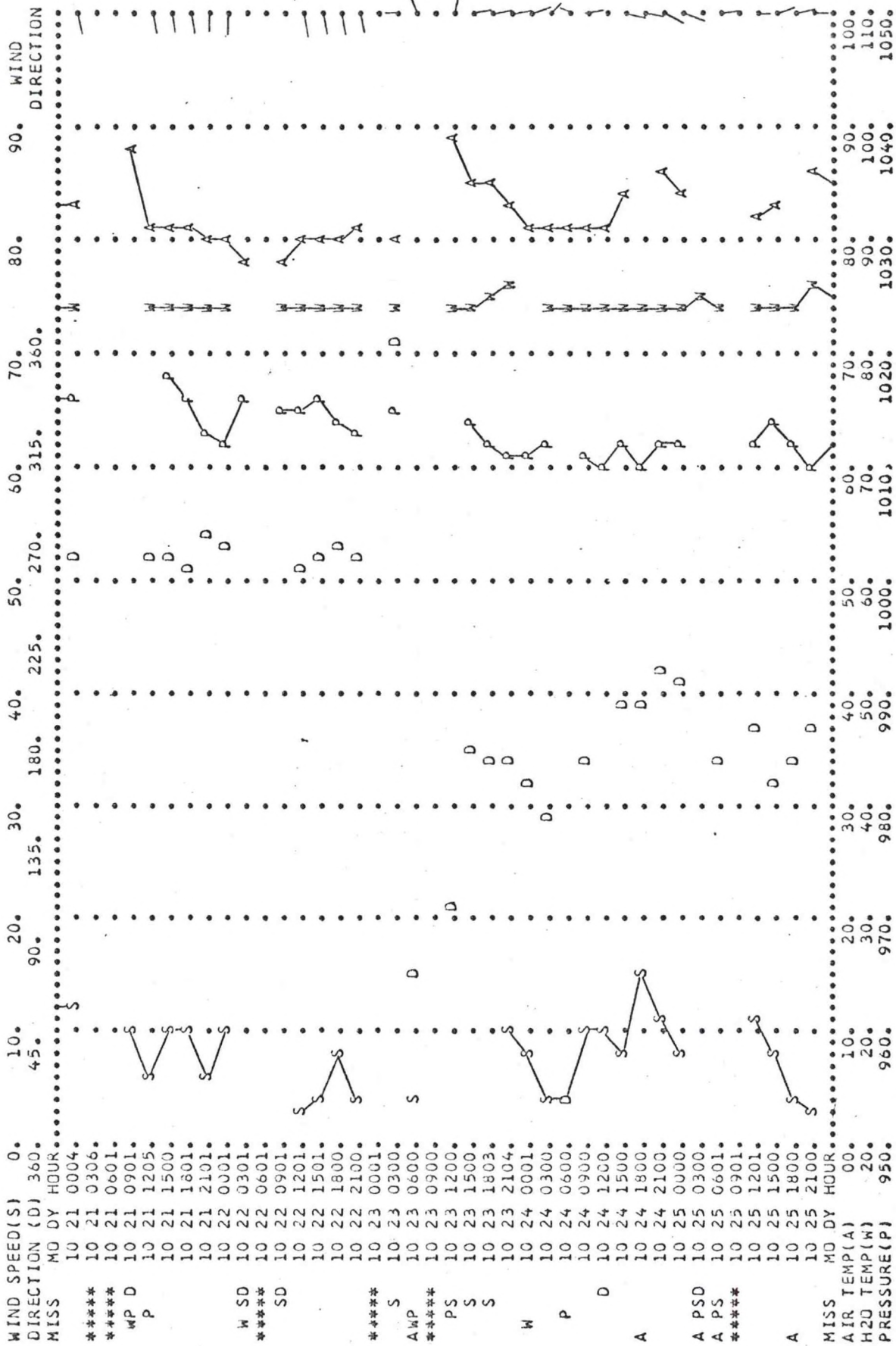


OCTOBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

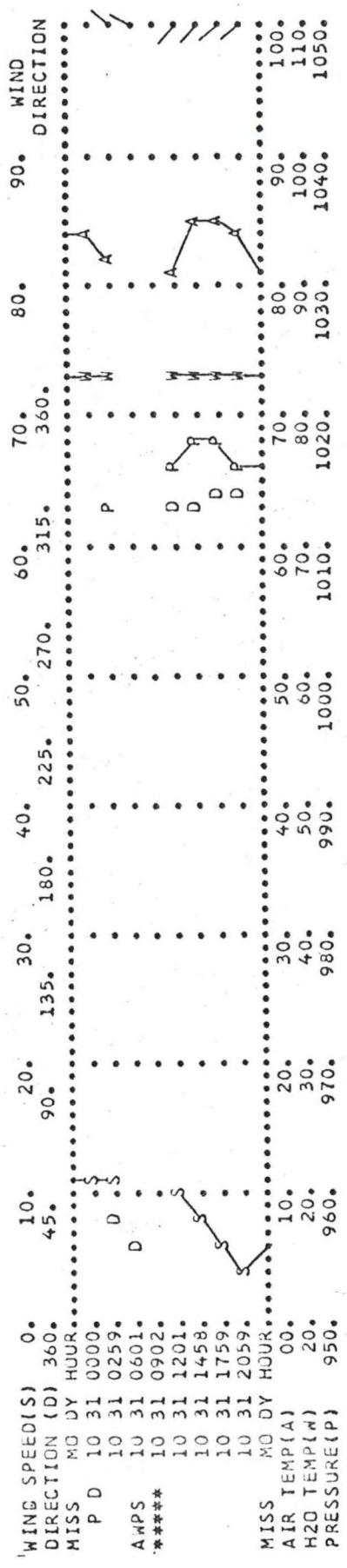
25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



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TIME SERIES PLOT OF NOMAD DATA

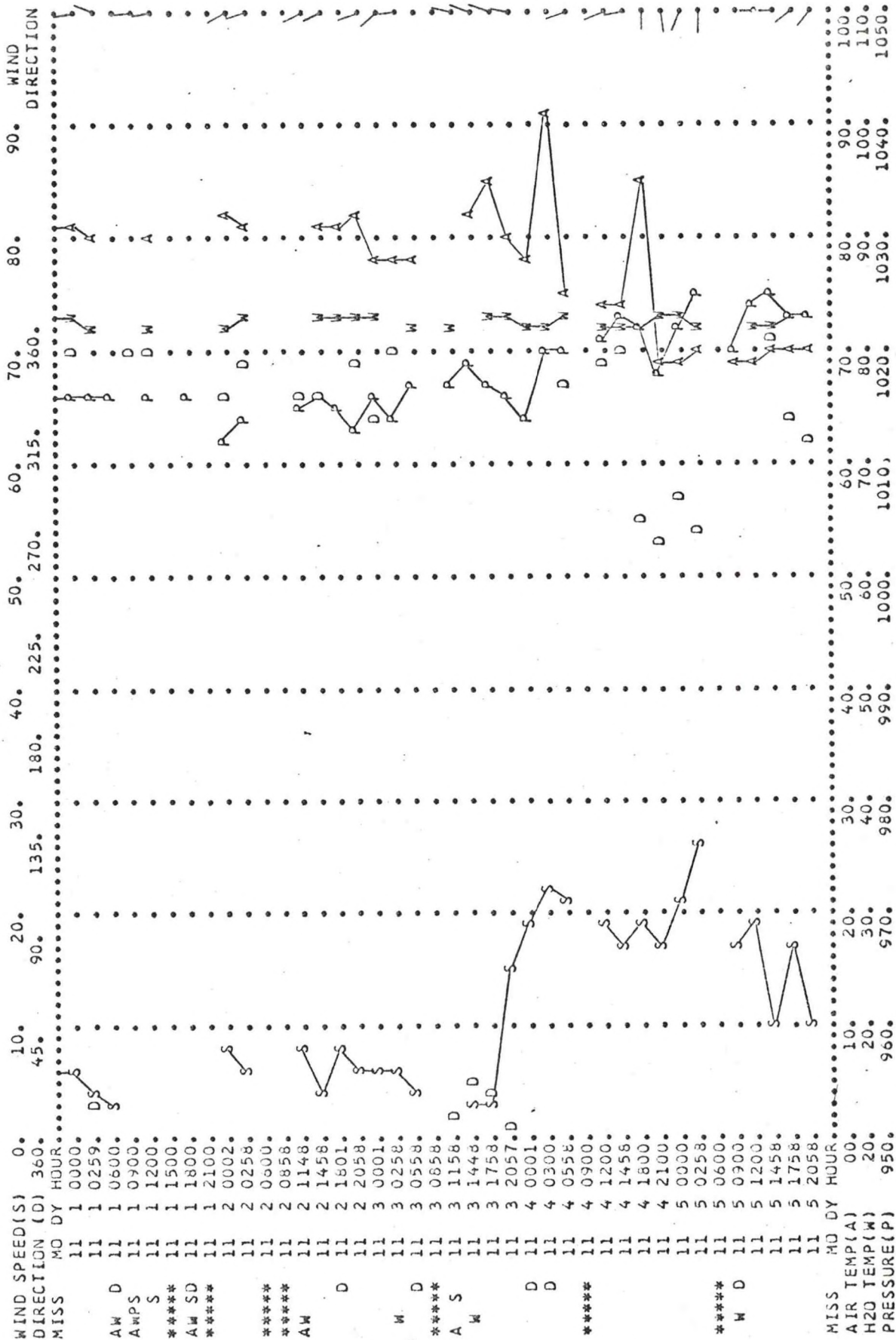


NOVEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

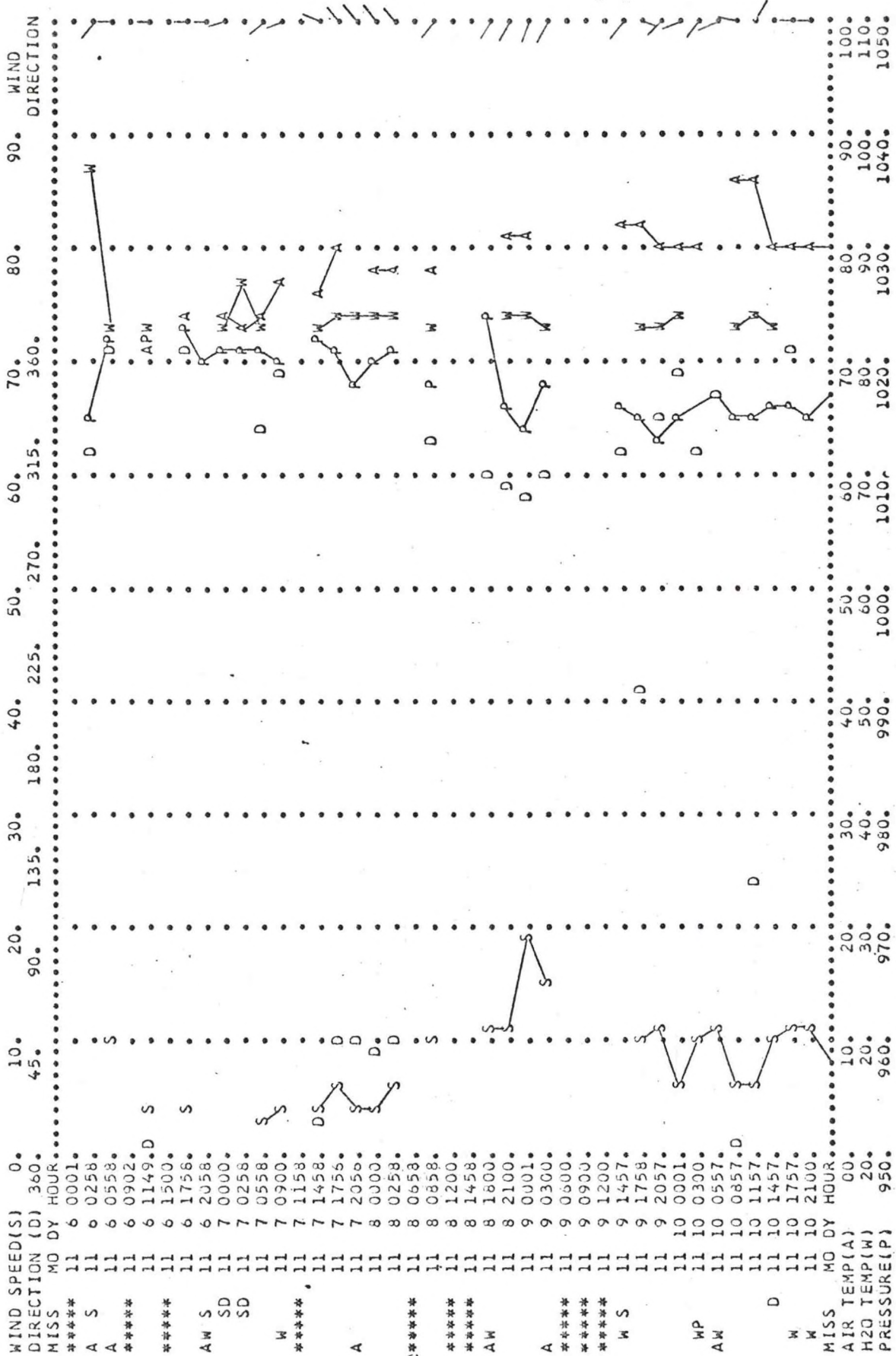
25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



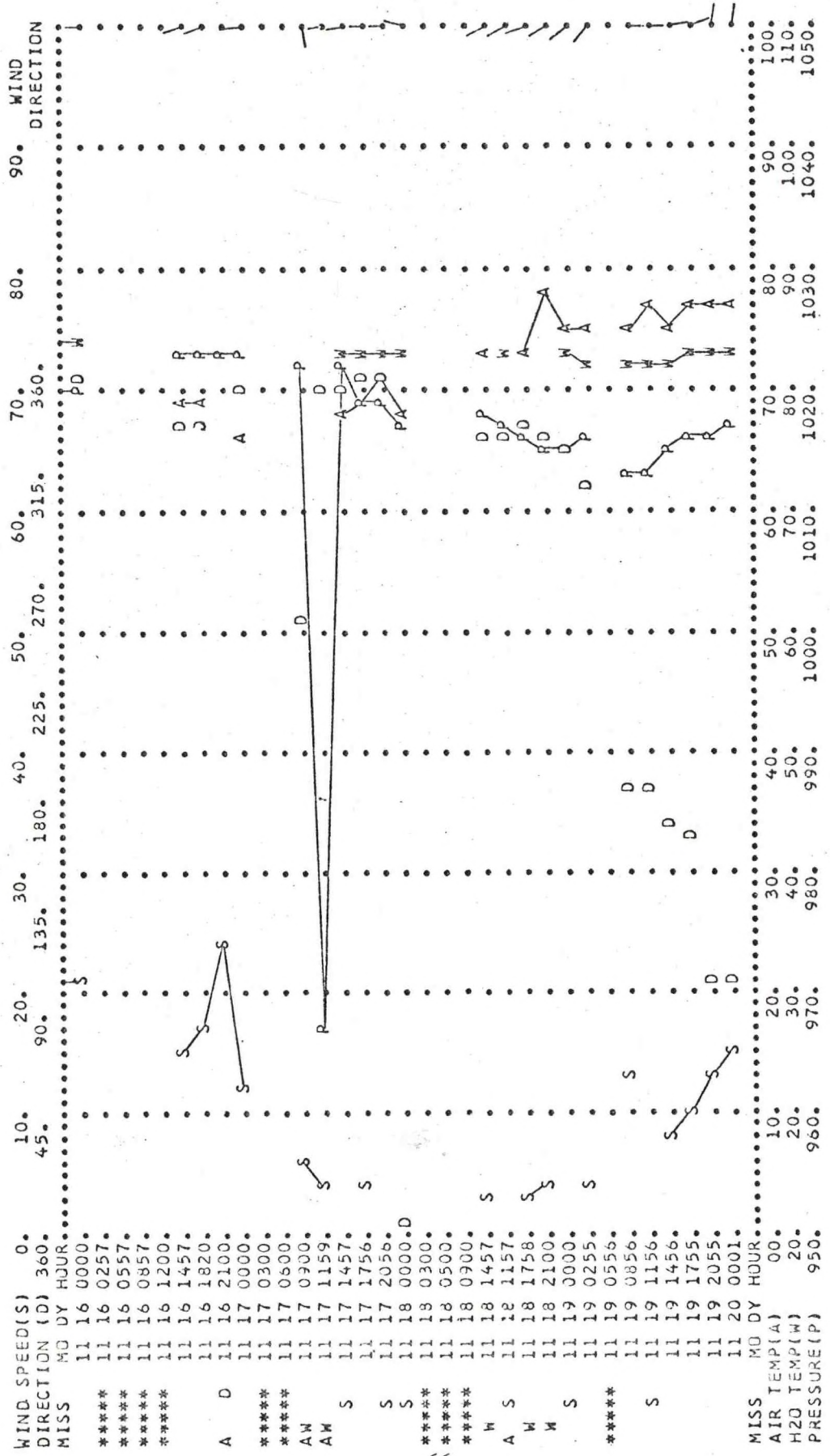
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TIME SERIES PLOT OF NOMAD DATA



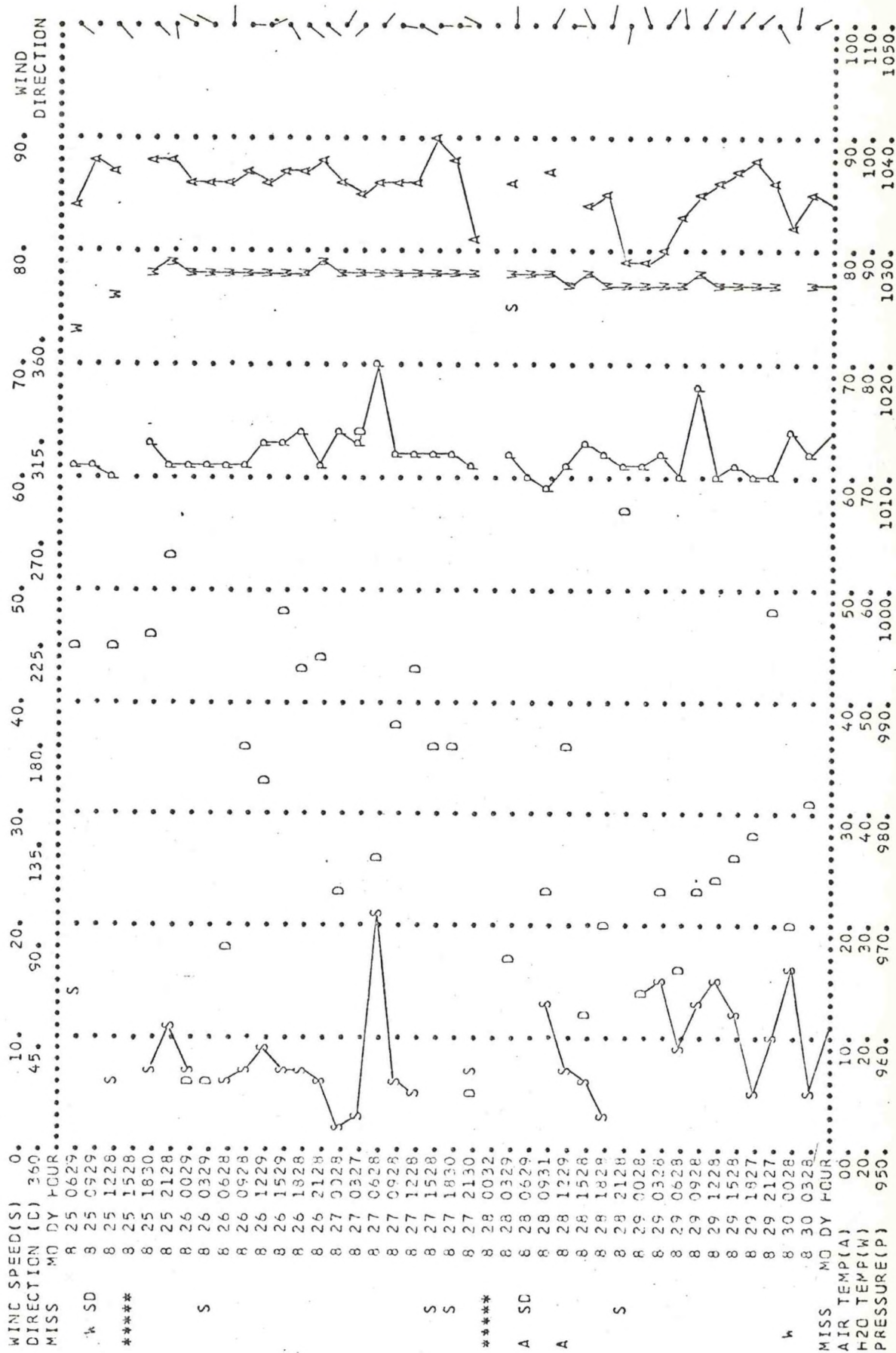
NOVEMBER 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



AUGUST 1970 FCC NEW ORLEANS NCMAD BUOY N6E 27.0 N. LATITUDE, 90.0 W. LONGITUDE

TIME SERIES PLOT OF NCMAD DATA

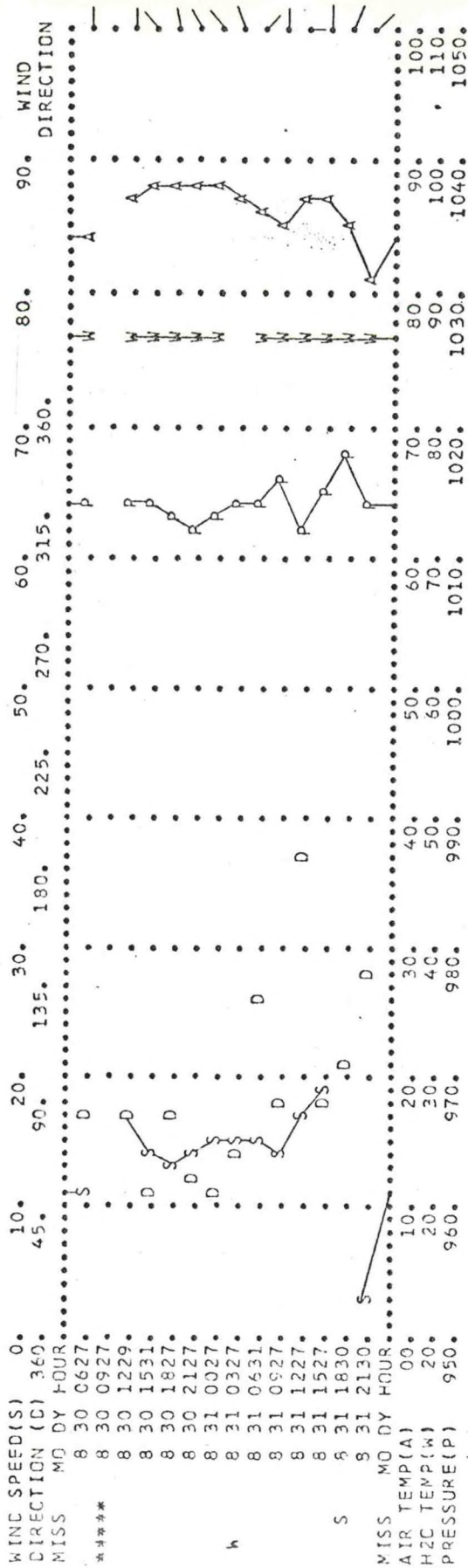


AUGUST 1970 FCC NEW ORLEANS

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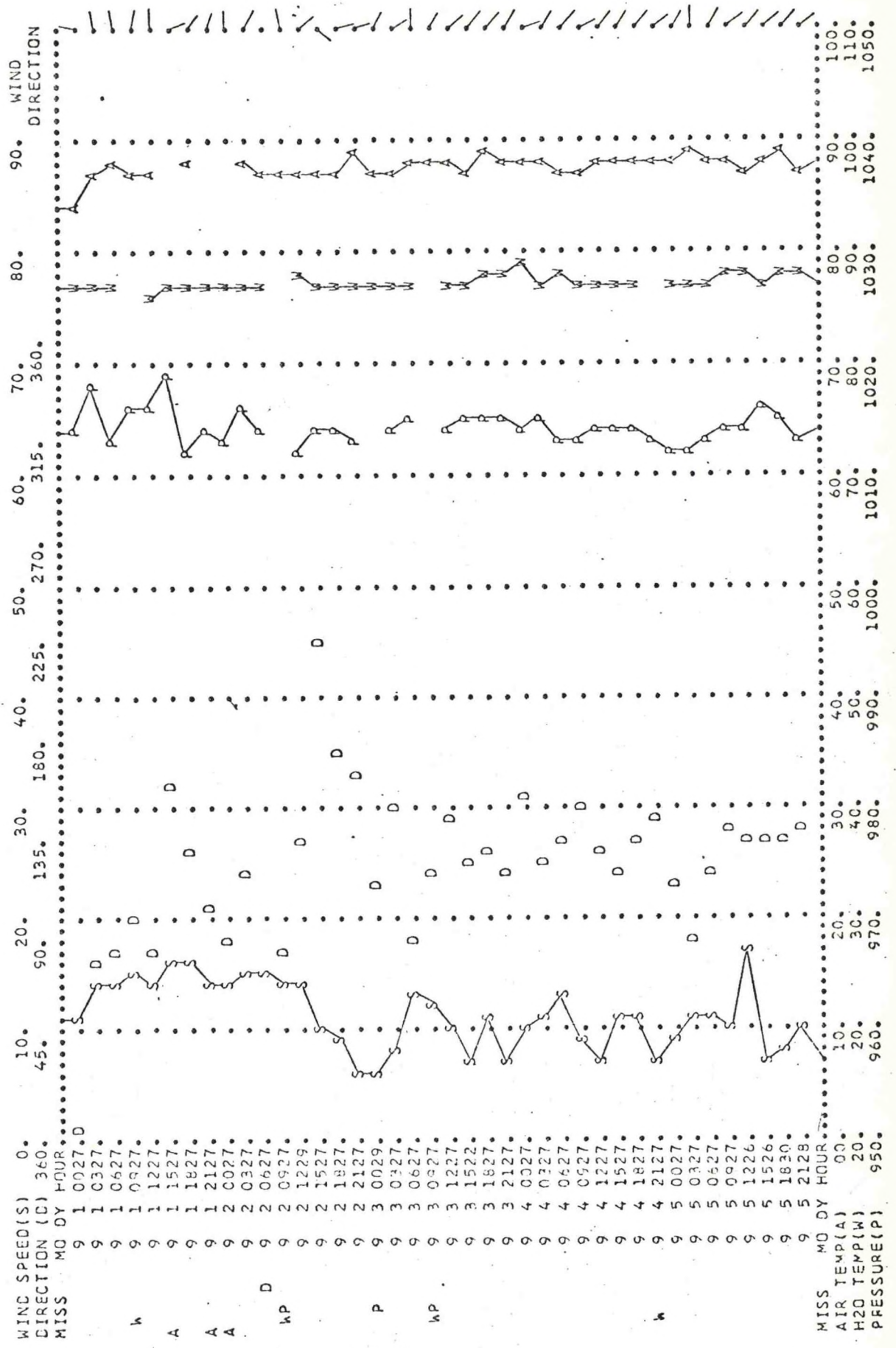
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TIME SERIES PLOT OF NCMAD DATA



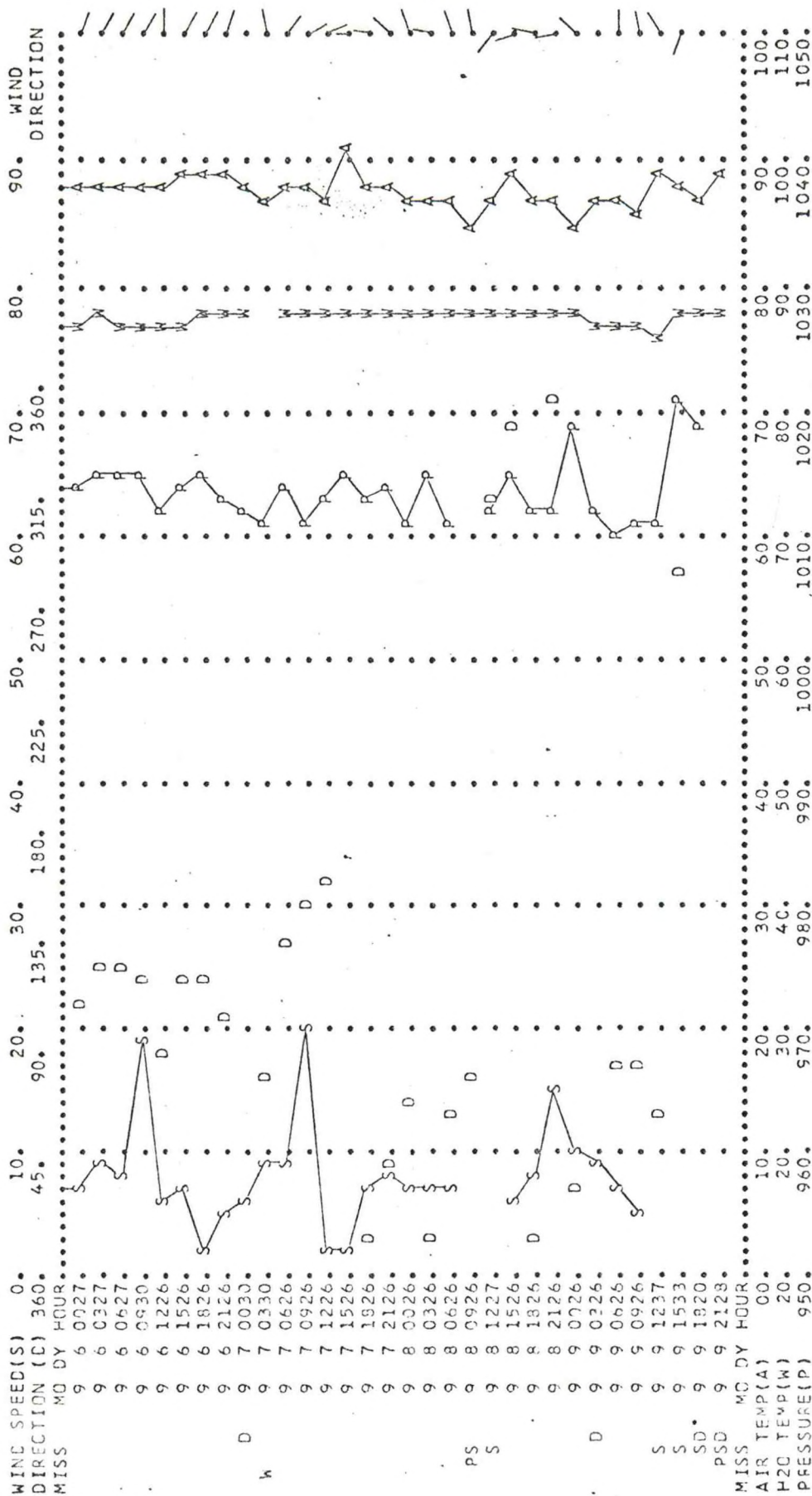
SEPTEMBER 1970 FCC NEW ORLEANS NCMAD BUOY N6E 27.0 N. LATITUDE, 90.0 W. LONGITUDE

TIME SERIES PLOT OF NCMAD DATA



SEPTEMBER 1970 FCC NEW ORLEANS NOMAD BUOY N6E 27.0 N. LATITUDE, 90.0 W. LONGITUDE

TIME SERIES PLOT OF NOMAD DATA



APPENDIX B

1970 NOMAD N4E, N5E, and N6E Monthly Statistical Data

Introduction

The N4E, N5E, and N6E monthly statistical data for 1970 are shown in this appendix. Observations from four of the five environmental parameters (wind-direction excluded) were programmed for the IBM 360/40 computer to compute the statistical values and to print the results. The monthly climatic surface wind-directions are shown in Appendix D.

1970 Data Limits for the NOMAD observations

An analysis of the time-series in appendix A shows that some data are doubtful, and some are obviously incorrect. In determining which data should be used for the monthly statistical report, the buoy data were compared to climatic data extracted from the U.S. Navy's "Marine Climatic Atlas of the World" (1955), to data derived from analyzed National Weather Service (NWS) 6-hourly synoptic weather charts, and to ship weather reports obtained near the buoys. From these sources, maximum and minimum limits were selected for all parameters except wind-direction. The three buoys reporting values within these limits were considered valid, and those beyond, invalid. This method gives a rough approximation of useful data for general use. A more accurate, but time-consuming method, would be to compare each buoy report to a corresponding synoptic chart that depicts values for all

parameters. Table B-1 shows the limit values used in the computer program which compiles the monthly statistics, and which only uses that data which falls between the limit values. The entire data set, including the rejected data, are retained in the time-series plot (appendix A) and in the monthly frequency-distribution (appendix C).

1970 Summary of NOMAD Observations Considered Invalid

Table B-2 shows the percentage of invalid observations for the various parameters. The wind-direction observations were considered valid for the entire year, since no 'limits' were established for this parameter. The range of invalid-observation percentages varied from a low of 0.4 per-cent for the air-temperature parameter for N5E in July, to a high of 24.0 per-cent for the barometric-pressure parameter for the N4E in September. The parameter showing the most invalid observations, and the greatest number of months which contain invalid observations is barometric-pressure.

Month	Air temperature	Water temperature	Barometric pressure	Maximum surface wind velocity
	<u>°F</u>	<u>°F</u>	<u>mb</u>	<u>kt</u>
January	81-60	80-67	1028-1000	35
February	84-53	84-63	1030-1000	35
March	87-58	83-66	1030-1000	40
April	87-60	84-68	1027-1000	30
May	90-67	88-71	1025-1000	30
June	92-72	89-74	1025-1000	30
July	93-72	92-78	1025-1000	30
August	94-72	92-76	1025-1000	40
September	93-72	92-76	1025-1000	35
October	91-66	90-73	1025- 995	40
November	87-59	88-69	1027-1000	40
December	87-57	85-64	1028-1000	40

Table B-1. 1970 data limits for NOMAD buoys N4E, N5E, and N6E.

	<u>N4E</u>		<u>N5E</u>				<u>N6E</u>					
	JUL.	AUG. SEP.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	AUG.	SEP.		
AIR TEMPERATURE	number of obs.	78	59	102	36	227	207	214	189	93	49	69
	percent invalid	1.3		15.7		0.4		0.5		1.1		
WATER TEMPERATURE	number of obs.	77	59	133	38	228	203	202	187	86	48	67
	percent invalid								0.5	2.3		
BAROMETRIC PRESSURE	number of obs.	76	54	175	35	225	202	207	193	110	51	67
	percent invalid	6.6	3.7	24.0		0.9		2.9		1.8		
WIND SPEED	number of obs.	73	57	138	36	201	178	211	177	93	44	66
	percent invalid	1.4		0.7			0.6			1.1	2.3	

Table B-2. 1970 summary of NOMAD N4E, N5E, and N6E observations considered invalid.

MONTHLY STATISTICAL DATA

FCC NEW ORLEANS		25.0 N. LATITUDE, 92.0 W. LONGITUDE	
JULY 1970	1970	MEANS MONTH	MEANS 5-PCT MAX
AIR TEMPERATURE	78	83.9	87.6
WATER TEMPERATURE	77	85.2	86.1
BAROMETRIC PRESSURE	76	1017.2	1011.1
WIND SPEED	73	10.2	19.0
WIND DIRECTION	73	10.2	19.0

FCC NEW ORLEANS		25.0 N. LATITUDE, 92.0 W. LONGITUDE	
AUGUST 1970	1970	MEANS MONTH	MEANS 5-PCT MAX
AIR TEMPERATURE	59	88.3	92.9
WATER TEMPERATURE	59	86.6	88.5
BAROMETRIC PRESSURE	54	1015.3	20.4
WIND SPEED	57	11.7	21.4
WIND DIRECTION	57	11.7	21.4

FCC NEW ORLEANS		25.0 N. LATITUDE, 92.0 W. LONGITUDE	
SEPTEMBER 1970	1970	MEANS MONTH	MEANS 5-PCT MAX
AIR TEMPERATURE	102	88.1	92.9
WATER TEMPERATURE	133	87.4	89.3
BAROMETRIC PRESSURE	175	1010.2	22.5
WIND SPEED	138	9.3	21.8
WIND DIRECTION	167	9.3	21.8

MONTHLY STATISTICAL DATA

FCC NEW ORLEANS		25.0 N. LATITUDE, 88.0 W. LONGITUDE									
JUNE	1970	NUMAD	BUOY	N5E	MAXIMUM VALUE	MINIMUM VALUE	PER-CENT OBS RECVD	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE		36			90.8	83.7	73.47	85.5	90.2	83.7	1.5
WATER TEMPERATURE		38			87.1	84.9	77.55	85.6	86.9	84.9	0.5
BAROMETRIC PRESSURE		35			1017.9	1011.6	71.43	1016.1	17.9	1012.7	1.3
WIND SPEED		36			17.3	2.8	73.47	7.9	17.3	2.8	4.1
WIND DIRECTION		38					77.55				

FCC NEW ORLEANS		25.0 N. LATITUDE, 88.0 W. LONGITUDE									
JULY	1970	NUMAD	BUOY	N5E	MAXIMUM VALUE	MINIMUM VALUE	PER-CENT OBS RECVD	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE		227			90.8	79.6	91.53	85.1	89.2	81.9	1.7
WATER TEMPERATURE		228			89.2	82.5	91.94	85.4	87.4	83.4	1.1
BAROMETRIC PRESSURE		225			1020.7	1008.6	90.73	1015.6	19.2	1010.4	2.1
WIND SPEED		201			15.2	2.8	81.05	7.2	13.3	2.8	3.1
WIND DIRECTION		230					92.74				

FCC NEW ORLEANS		25.0 N. LATITUDE, 88.0 W. LONGITUDE									
AUGUST	1970	NUMAD	BUOY	N5E	MAXIMUM VALUE	MINIMUM VALUE	PER-CENT OBS RECVD	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE		207			92.3	79.6	83.47	85.0	89.5	80.8	1.9
WATER TEMPERATURE		203			88.8	81.7	81.85	85.3	87.8	81.9	1.5
BAROMETRIC PRESSURE		202			1023.2	1004.1	81.45	1013.4	18.4	1008.1	2.5
WIND SPEED		178			36.6	2.8	71.77	8.5	22.0	2.8	5.0
WIND DIRECTION		205					82.66				

MONTHLY STATISTICAL DATA

FCC NEW ORLEANS
 25.0 N. LATITUDE, 88.0 W. LONGITUDE

SEPTEMBER 1970	NUMAD	BUOY	N5E	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	214	89.17	88.7	80.6	85.1	87.6	82.2	1.3	
WATER TEMPERATURE	202	84.17	88.0	82.8	85.1	86.5	83.4	0.9	
BAROMETRIC PRESSURE	207	86.25	1023.8	1000.8	1013.4	17.9	1007.7	2.6	
WIND SPEED	211	87.92	26.2	2.8	9.7	19.9	2.8	4.1	
WIND DIRECTION	207	86.25							

FCC NEW ORLEANS
 25.0 N. LATITUDE, 88.0 W. LONGITUDE

OCTOBER 1970	NUMAD	BUOY	N5E	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	189	76.21	90.8	75.7	83.5	86.3	78.9	2.3	
WATER TEMPERATURE	187	75.40	88.3	79.6	83.9	85.8	81.5	1.1	
BAROMETRIC PRESSURE	193	77.82	1021.4	1005.0	1012.8	18.4	1007.1	2.7	
WIND SPEED	177	71.37	20.5	2.8	8.7	17.4	2.8	4.0	
WIND DIRECTION	185	74.60							

FCC NEW ORLEANS
 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOVEMBER 1970	NUMAD	BUOY	N5E	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	93	60.78	85.5	66.1	76.3	84.8	67.6	4.5	
WATER TEMPERATURE	86	56.21	87.1	81.7	83.0	85.0	82.1	0.8	
BAROMETRIC PRESSURE	110	71.90	1024.7	1003.3	1016.9	24.1	1005.9	4.3	
WIND SPEED	93	60.78	26.2	2.8	10.7	23.8	2.8	6.3	
WIND DIRECTION	96	62.75							

MONTHLY STATISTICAL DATA

FCC NEW ORLEANS		NOMAD BUOY N6E		27.0 N. LATITUDE, 90.0 W. LONGITUDE				
AUGUST 1970	MESSAGES RECEIVED	PER-CENT OBS RECVD	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	49	90.74	90.0	79.2	85.5	88.9	79.2	2.4
WATER TEMPERATURE	48	88.89	88.7	83.4	87.4	88.7	84.5	0.9
BAROMETRIC PRESSURE	51	94.44	1020.2	1008.9	1012.2	18.8	1009.4	2.3
WIND SPEED	44	81.48	21.1	2.4	10.1	20.1	2.9	4.9
WIND DIRECTION	49	90.74						

FCC NEW ORLEANS		NOMAD BUOY N6E		27.0 N. LATITUDE, 90.0 W. LONGITUDE				
SEPTEMBER 1970	MESSAGES RECEIVED	PER-CENT OBS RECVD	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	69	82.14	90.9	83.7	87.4	89.6	84.4	1.1
WATER TEMPERATURE	67	79.76	89.2	86.2	87.5	88.5	86.4	0.6
BAROMETRIC PRESSURE	67	79.76	1021.2	1009.6	1013.7	20.0	1010.3	2.2
WIND SPEED	66	78.57	20.3	2.4	9.7	18.9	2.4	4.0
WIND DIRECTION	67	79.76						

APPENDIX C

1970 NOMAD N4E, N5E, and N6E Monthly Frequency Distribution

Appendix C contains the 1970 monthly frequency-distribution for all five observation parameters for the three buoys. The data were programmed for calculation on an IBM 360/40 computer. The distribution illustrates the monthly variability and number of occurrences for each parameter. All NOMAD buoy data, including any data which could be classified as doubtful or invalid, are contained in this appendix.

FREQUENCY DISTRIBUTION

AIR TEMP	55.0	C	57.9	0	AIR TEMP	39.0	0
AIR TEMP	57.8	C	67.1	0	AIR TEMP	38.0	0
AIR TEMP	57.2	C	66.2	0	AIR TEMP	37.0	0
AIR TEMP	56.8	C	65.1	0	AIR TEMP	36.2	0
AIR TEMP	56.4	C	64.3	0	AIR TEMP	35.1	0
AIR TEMP	55.3	1	63.5	0	AIR TEMP	34.4	0
AIR TEMP	53.5	C	62.7	0	AIR TEMP	33.6	C
AIR TEMP	52.5	C	62.0	0	AIR TEMP	32.8	0
AIR TEMP	52.0	C	61.2	0	AIR TEMP	32.4	0
AIR TEMP	50.8	1	60.2	0	AIR TEMP	32.3	0
AIR TEMP	49.7	C	59.2	0	AIR TEMP	31.8	0
AIR TEMP	48.7	C	58.3	0	AIR TEMP	31.3	0
AIR TEMP	47.7	C	57.4	0	AIR TEMP	30.2	0
AIR TEMP	46.6	5	56.8	0	AIR TEMP	29.3	0
AIR TEMP	45.5	15	56.7	0	AIR TEMP	28.3	0
AIR TEMP	43.5	15	56.4	0	AIR TEMP	27.6	0
AIR TEMP	43.1	24	55.5	0	AIR TEMP	27.0	0
AIR TEMP	42.8	6	54.6	0	AIR TEMP	26.1	0
AIR TEMP	42.2	1	53.8	0	AIR TEMP	25.3	0
AIR TEMP	41.8	4	53.0	0	AIR TEMP	24.4	0
AIR TEMP	41.5	1	52.2	0	AIR TEMP	23.3	0
AIR TEMP	40.8	C	51.4	0	AIR TEMP	22.3	0
AIR TEMP	39.2	1	50.6	0	AIR TEMP	21.1	0
AIR TEMP	38.5	C	50.0	0	AIR TEMP	20.0	C
AIR TEMP	37.7	C	49.0	0	AIR TEMP	19.5	0
AIR TEMP	36.7	C	48.0	0	AIR TEMP	19.0	C
AIR TEMP	35.8	C	47.2	0	AIR TEMP	18.3	0
AIR TEMP	34.8	C	46.2	0	AIR TEMP	17.3	0
AIR TEMP	34.0	C	45.4	0	AIR TEMP	16.2	0
AIR TEMP	33.2	C	44.8	0	AIR TEMP	15.2	0
AIR TEMP	32.3	C	44.0	0	AIR TEMP	14.2	0
AIR TEMP	31.5	C	43.6	0	AIR TEMP	13.0	C
AIR TEMP	30.8	C	42.4	0	AIR TEMP	11.9	0
AIR TEMP	29.8	C	41.7	0	AIR TEMP	10.8	0
AIR TEMP	28.9	C	40.9	0	AIR TEMP	9.6	0
AIR TEMP	28.6	C	40.0	0	AIR TEMP	0.0	0

JULY 1970 FCC NEW ORLEANS NOVAD BUOY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H2C TEMP	55.5	C	H2C TEMP	85.2	33	H2C TEMP	74.1	0
H2C TEMP	55.4	C	H2C TEMP	84.7	18	H2C TEMP	73.7	0
H2C TEMP	55.6	C	H2C TEMP	84.3	6	H2C TEMP	73.4	0
H2C TEMP	56.4	C	H2C TEMP	83.9	0	H2C TEMP	73.2	0
H2C TEMP	56.2	C	H2C TEMP	83.8	0	H2C TEMP	73.0	0
H2C TEMP	57.5	C	H2C TEMP	83.7	0	H2C TEMP	72.9	0
H2C TEMP	57.8	C	H2C TEMP	83.3	0	H2C TEMP	72.6	0
H2C TEMP	56.7	C	H2C TEMP	82.6	0	H2C TEMP	72.2	0
H2C TEMP	56.0	C	H2C TEMP	82.4	0	H2C TEMP	71.8	0
H2C TEMP	55.5	C	H2C TEMP	81.9	0	H2C TEMP	71.4	0
H2C TEMP	54.8	C	H2C TEMP	81.5	0	H2C TEMP	70.9	0
H2C TEMP	54.3	C	H2C TEMP	81.1	0	H2C TEMP	70.8	0
H2C TEMP	53.8	C	H2C TEMP	80.7	0	H2C TEMP	70.4	0
H2C TEMP	53.3	C	H2C TEMP	80.2	0	H2C TEMP	70.0	0
H2C TEMP	52.7	C	H2C TEMP	79.8	0	H2C TEMP	69.8	0
H2C TEMP	52.2	C	H2C TEMP	79.5	0	H2C TEMP	69.3	0
H2C TEMP	51.6	C	H2C TEMP	79.1	0	H2C TEMP	69.1	0
H2C TEMP	51.0	C	H2C TEMP	78.8	0	H2C TEMP	68.7	0
H2C TEMP	50.5	C	H2C TEMP	78.4	0	H2C TEMP	68.3	0
H2C TEMP	50.2	C	H2C TEMP	79.2	0	H2C TEMP	68.2	0
H2C TEMP	50.0	C	H2C TEMP	78.1	0	H2C TEMP	68.1	0
H2C TEMP	49.8	C	H2C TEMP	78.0	0	H2C TEMP	67.9	0
H2C TEMP	49.4	C	H2C TEMP	77.7	0	H2C TEMP	67.7	0
H2C TEMP	48.6	C	H2C TEMP	77.3	0	H2C TEMP	67.2	0
H2C TEMP	48.2	C	H2C TEMP	76.9	0	H2C TEMP	66.8	0
H2C TEMP	48.2	C	H2C TEMP	76.6	0	H2C TEMP	66.5	0
H2C TEMP	47.7	C	H2C TEMP	76.2	0	H2C TEMP	66.2	0
H2C TEMP	47.3	C	H2C TEMP	75.9	0	H2C TEMP	65.9	0
H2C TEMP	46.8	C	H2C TEMP	75.6	0	H2C TEMP	65.6	0
H2C TEMP	46.5	C	H2C TEMP	75.2	0	H2C TEMP	65.3	0
H2C TEMP	46.1	6	H2C TEMP	74.8	0	H2C TEMP	65.0	0
H2C TEMP	45.0	14	H2C TEMP	74.4	0	H2C TEMP	64.6	0

JULY 1970 FCC NEW ORLEANS

NOMAD BUOY N4E

25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	550.3	C	PRESSURE	978.5	0	PRESSURE	1008.7	0
PRESSURE	551.3	C	PRESSURE	979.2	0	PRESSURE	1009.7	1
PRESSURE	551.7	C	PRESSURE	980.2	0	PRESSURE	1010.5	0
PRESSURE	552.1	C	PRESSURE	981.2	0	PRESSURE	1011.6	4
PRESSURE	552.3	C	PRESSURE	982.3	0	PRESSURE	1012.5	0
PRESSURE	553.2	C	PRESSURE	983.2	0	PRESSURE	1013.4	2
PRESSURE	554.2	C	PRESSURE	984.0	0	PRESSURE	1014.4	5
PRESSURE	555.1	C	PRESSURE	984.9	0	PRESSURE	1015.3	11
PRESSURE	555.6	C	PRESSURE	985.8	0	PRESSURE	1016.4	8
PRESSURE	556.2	C	PRESSURE	986.8	0	PRESSURE	1017.5	11
PRESSURE	557.7	C	PRESSURE	987.7	0	PRESSURE	1018.0	6
PRESSURE	558.4	C	PRESSURE	988.8	0	PRESSURE	1018.2	7
PRESSURE	559.2	C	PRESSURE	989.8	0	PRESSURE	1018.8	1
PRESSURE	560.2	C	PRESSURE	990.6	0	PRESSURE	1019.5	6
PRESSURE	561.2	C	PRESSURE	991.2	0	PRESSURE	1020.7	1
PRESSURE	562.2	C	PRESSURE	991.4	0	PRESSURE	1021.7	2
PRESSURE	563.2	C	PRESSURE	991.6	0	PRESSURE	1022.8	4
PRESSURE	564.2	C	PRESSURE	992.5	0	PRESSURE	1023.6	2
PRESSURE	564.7	C	PRESSURE	993.5	0	PRESSURE	1024.3	0
PRESSURE	565.0	C	PRESSURE	994.3	0	PRESSURE	1025.3	1
PRESSURE	565.3	C	PRESSURE	995.4	0	PRESSURE	1026.1	0
PRESSURE	566.1	C	PRESSURE	995.3	0	PRESSURE	1027.2	1
PRESSURE	567.2	C	PRESSURE	996.3	0	PRESSURE	1027.9	0
PRESSURE	568.0	C	PRESSURE	998.2	0	PRESSURE	1028.8	0
PRESSURE	569.1	C	PRESSURE	999.1	0	PRESSURE	1029.8	0
PRESSURE	569.8	C	PRESSURE	1000.0	0	PRESSURE	1030.9	0
PRESSURE	570.8	C	PRESSURE	1000.9	0	PRESSURE	1031.4	0
PRESSURE	571.8	C	PRESSURE	1001.9	0	PRESSURE	1031.7	1
PRESSURE	572.6	C	PRESSURE	1002.8	0	PRESSURE	1032.0	0
PRESSURE	573.5	C	PRESSURE	1003.7	0	PRESSURE	1032.8	1
PRESSURE	574.4	C	PRESSURE	1004.2	0	PRESSURE	1033.9	0
PRESSURE	575.4	C	PRESSURE	1004.7	0	PRESSURE	1035.1	1
PRESSURE	576.3	C	PRESSURE	1004.9	0	PRESSURE	1036.2	0
PRESSURE	577.2	C	PRESSURE	1005.7	0	PRESSURE	1037.3	0
PRESSURE	578.0	C	PRESSURE	1006.9	0	PRESSURE	1038.2	0
PRESSURE	578.3	C	PRESSURE	1007.8	0	PRESSURE	1000.0	0

JULY 1970 FCC NEW ORLEANS

NOMAD BUOY N4E

25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.4	2	WIND SPEED	36.4	0	WIND SPEED	71.8	0
WIND SPEED	3.7	2	WIND SPEED	37.7	0	WIND SPEED	72.9	0
WIND SPEED	4.8	3	WIND SPEED	39.1	0	WIND SPEED	74.0	C
WIND SPEED	6.1	10	WIND SPEED	40.3	0	WIND SPEED	74.9	0
WIND SPEED	6.8	3	WIND SPEED	41.7	0	WIND SPEED	76.1	0
WIND SPEED	7.2	5	WIND SPEED	43.0	0	WIND SPEED	77.3	0
WIND SPEED	7.6	1	WIND SPEED	43.9	0	WIND SPEED	78.4	C
WIND SPEED	8.6	9	WIND SPEED	44.3	0	WIND SPEED	79.3	0
WIND SPEED	10.5	13	WIND SPEED	44.7	0	WIND SPEED	80.0	0
WIND SPEED	11.8	6	WIND SPEED	45.7	0	WIND SPEED	80.3	0
WIND SPEED	13.1	3	WIND SPEED	45.9	0	WIND SPEED	80.8	1
WIND SPEED	14.5	3	WIND SPEED	48.2	0	WIND SPEED	81.7	C
WIND SPEED	15.7	3	WIND SPEED	49.6	0	WIND SPEED	83.6	C
WIND SPEED	16.7	2	WIND SPEED	50.9	0	WIND SPEED	85.0	C
WIND SPEED	17.8	2	WIND SPEED	52.1	0	WIND SPEED	86.1	0
WIND SPEED	19.0	5	WIND SPEED	53.3	0	WIND SPEED	87.7	C
WIND SPEED	20.2	C	WIND SPEED	54.6	0	WIND SPEED	88.8	0
WIND SPEED	21.3	C	WIND SPEED	55.7	0	WIND SPEED	90.2	0
WIND SPEED	22.8	C	WIND SPEED	57.1	0	WIND SPEED	91.0	C
WIND SPEED	24.2	C	WIND SPEED	58.4	0	WIND SPEED	91.7	C
WIND SPEED	25.0	C	WIND SPEED	59.8	0	WIND SPEED	92.4	C
WIND SPEED	25.4	C	WIND SPEED	60.9	0	WIND SPEED	93.2	0
WIND SPEED	25.8	C	WIND SPEED	61.7	0	WIND SPEED	94.0	0
WIND SPEED	27.2	C	WIND SPEED	62.0	0	WIND SPEED	94.8	0
WIND SPEED	29.5	C	WIND SPEED	62.5	0	WIND SPEED	95.3	C
WIND SPEED	31.3	C	WIND SPEED	63.8	0	WIND SPEED	95.4	C
WIND SPEED	32.6	C	WIND SPEED	65.3	0	WIND SPEED	95.9	0
WIND SPEED	33.8	C	WIND SPEED	66.9	0	WIND SPEED	96.5	0
WIND SPEED	35.2	C	WIND SPEED	68.8	0	WIND SPEED	97.4	0
WIND SPEED			WIND SPEED	70.6	0	WIND SPEED	98.3	0

FREQUENCY DISTRIBUTION

DIRECTION	6.0	1	DIRECTION	129.0	1	DIRECTION	249.0	0
DIRECTION	11.0	2	DIRECTION	132.0	0	DIRECTION	253.0	0
DIRECTION	16.0	0	DIRECTION	135.0	0	DIRECTION	256.0	0
DIRECTION	20.0	2	DIRECTION	139.0	0	DIRECTION	259.0	0
DIRECTION	24.0	2	DIRECTION	141.0	0	DIRECTION	263.0	0
DIRECTION	27.0	0	DIRECTION	145.0	0	DIRECTION	266.0	0
DIRECTION	30.0	2	DIRECTION	146.0	0	DIRECTION	270.0	0
DIRECTION	34.0	0	DIRECTION	149.0	0	DIRECTION	273.0	0
DIRECTION	38.0	0	DIRECTION	149.0	0	DIRECTION	276.0	0
DIRECTION	41.0	2	DIRECTION	153.0	3	DIRECTION	280.0	0
DIRECTION	44.0	1	DIRECTION	156.0	0	DIRECTION	283.0	0
DIRECTION	46.0	0	DIRECTION	161.0	1	DIRECTION	287.0	0
DIRECTION	49.0	2	DIRECTION	164.0	0	DIRECTION	290.0	0
DIRECTION	52.0	0	DIRECTION	167.0	0	DIRECTION	292.0	0
DIRECTION	53.0	1	DIRECTION	171.0	1	DIRECTION	293.0	0
DIRECTION	54.0	1	DIRECTION	174.0	1	DIRECTION	295.0	0
DIRECTION	57.0	0	DIRECTION	177.0	1	DIRECTION	297.0	0
DIRECTION	63.0	0	DIRECTION	180.0	0	DIRECTION	302.0	0
DIRECTION	67.0	0	DIRECTION	185.0	0	DIRECTION	306.0	0
DIRECTION	69.0	1	DIRECTION	188.0	0	DIRECTION	310.0	0
DIRECTION	73.0	5	DIRECTION	191.0	0	DIRECTION	313.0	0
DIRECTION	76.0	2	DIRECTION	194.0	0	DIRECTION	316.0	0
DIRECTION	78.0	1	DIRECTION	194.0	0	DIRECTION	320.0	0
DIRECTION	82.0	1	DIRECTION	196.0	0	DIRECTION	323.0	0
DIRECTION	85.0	2	DIRECTION	199.0	0	DIRECTION	326.0	0
DIRECTION	88.0	3	DIRECTION	203.0	0	DIRECTION	330.0	0
DIRECTION	92.0	0	DIRECTION	209.0	0	DIRECTION	333.0	1
DIRECTION	96.0	3	DIRECTION	210.0	0	DIRECTION	337.0	0
DIRECTION	99.0	0	DIRECTION	214.0	0	DIRECTION	341.0	0
DIRECTION	101.0	0	DIRECTION	217.0	0	DIRECTION	343.0	0
DIRECTION	102.0	1	DIRECTION	220.0	0	DIRECTION	344.0	0
DIRECTION	103.0	0	DIRECTION	224.0	0	DIRECTION	345.0	0
DIRECTION	105.0	0	DIRECTION	227.0	0	DIRECTION	347.0	0
DIRECTION	110.0	5	DIRECTION	231.0	0	DIRECTION	351.0	0
DIRECTION	111.0	4	DIRECTION	239.0	0	DIRECTION	355.0	1
DIRECTION	113.0	3	DIRECTION	250.0	0	DIRECTION	359.0	0
DIRECTION	117.0	1	DIRECTION	241.0	0	DIRECTION	2.0	0
DIRECTION	120.0	0	DIRECTION	243.0	0	DIRECTION	0.0	0
DIRECTION	124.0	1	DIRECTION	244.0	0	DIRECTION	0.0	0
DIRECTION	127.0	2	DIRECTION	246.0	0	DIRECTION	0.0	0

FREQUENCY DISTRIBUTION

AIR TEMP	59.0	C	AIR TEMP	67.9	0	AIR TEMP	35.0	0
AIR TEMP	57.8	C	AIR TEMP	67.1	0	AIR TEMP	38.0	0
AIR TEMP	57.2	C	AIR TEMP	66.2	0	AIR TEMP	37.0	0
AIR TEMP	56.8	C	AIR TEMP	65.1	0	AIR TEMP	36.2	0
AIR TEMP	56.4	C	AIR TEMP	64.3	0	AIR TEMP	35.1	0
AIR TEMP	55.3	C	AIR TEMP	63.5	0	AIR TEMP	34.4	0
AIR TEMP	52.9	C	AIR TEMP	62.7	0	AIR TEMP	33.6	0
AIR TEMP	52.5	5	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	52.0	8	AIR TEMP	61.2	0	AIR TEMP	32.4	0
AIR TEMP	50.8	10	AIR TEMP	60.2	0	AIR TEMP	32.3	0
AIR TEMP	49.7	4	AIR TEMP	59.2	0	AIR TEMP	31.8	0
AIR TEMP	47.7	7	AIR TEMP	58.3	0	AIR TEMP	31.3	0
AIR TEMP	46.6	4	AIR TEMP	57.4	0	AIR TEMP	30.2	0
AIR TEMP	45.5	6	AIR TEMP	56.8	0	AIR TEMP	29.3	0
AIR TEMP	43.5	3	AIR TEMP	56.7	0	AIR TEMP	28.3	0
AIR TEMP	43.1	7	AIR TEMP	56.4	0	AIR TEMP	27.6	0
AIR TEMP	42.8	3	AIR TEMP	55.5	0	AIR TEMP	27.0	0
AIR TEMP	42.2	C	AIR TEMP	54.6	0	AIR TEMP	26.1	0
AIR TEMP	41.8	C	AIR TEMP	53.6	0	AIR TEMP	25.3	0
AIR TEMP	41.5	1	AIR TEMP	53.0	0	AIR TEMP	24.4	0
AIR TEMP	40.8	C	AIR TEMP	52.2	0	AIR TEMP	23.3	0
AIR TEMP	39.3	C	AIR TEMP	51.4	0	AIR TEMP	22.3	0
AIR TEMP	38.9	C	AIR TEMP	50.5	0	AIR TEMP	21.1	0
AIR TEMP	37.7	1	AIR TEMP	50.0	0	AIR TEMP	20.0	0
AIR TEMP	36.7	C	AIR TEMP	49.0	0	AIR TEMP	19.5	0
AIR TEMP	35.8	C	AIR TEMP	48.0	0	AIR TEMP	19.3	0
AIR TEMP	34.8	C	AIR TEMP	47.2	0	AIR TEMP	19.0	0
AIR TEMP	34.0	C	AIR TEMP	46.2	0	AIR TEMP	18.3	0
AIR TEMP	33.2	C	AIR TEMP	45.4	0	AIR TEMP	17.3	0
AIR TEMP	32.3	C	AIR TEMP	44.8	0	AIR TEMP	16.2	0
AIR TEMP	31.5	C	AIR TEMP	44.0	0	AIR TEMP	15.2	0
AIR TEMP	30.6	C	AIR TEMP	43.6	0	AIR TEMP	14.2	0
AIR TEMP	29.6	C	AIR TEMP	43.2	0	AIR TEMP	13.0	0
AIR TEMP	28.8	C	AIR TEMP	42.6	0	AIR TEMP	11.9	0
AIR TEMP	28.1	C	AIR TEMP	42.4	0	AIR TEMP	10.8	0
AIR TEMP	27.5	C	AIR TEMP	41.7	0	AIR TEMP	9.6	0
AIR TEMP	26.9	C	AIR TEMP	40.9	0	AIR TEMP	8.0	0
AIR TEMP	26.6	C	AIR TEMP	40.0	0	AIR TEMP	0.0	0

AUGUST 1970 FCC NEW ORLEANS NOMAD BUJY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H2C TEMP	55.5	C	H2C TEMP	85.2	11	H2C TEMP	74.1	0
H2C TEMP	55.4	C	H2C TEMP	84.7	1	H2C TEMP	73.7	0
H2C TEMP	58.8	C	H2C TEMP	84.3	0	H2C TEMP	73.4	0
H2C TEMP	58.4	C	H2C TEMP	83.9	0	H2C TEMP	73.2	0
H2C TEMP	58.2	C	H2C TEMP	83.8	0	H2C TEMP	73.0	0
H2C TEMP	57.9	C	H2C TEMP	83.7	0	H2C TEMP	72.9	0
H2C TEMP	57.8	C	H2C TEMP	83.3	0	H2C TEMP	72.6	0
H2C TEMP	56.7	C	H2C TEMP	82.8	0	H2C TEMP	72.2	0
H2C TEMP	56.0	C	H2C TEMP	82.4	0	H2C TEMP	71.8	0
H2C TEMP	55.5	C	H2C TEMP	81.9	0	H2C TEMP	71.4	0
H2C TEMP	54.8	C	H2C TEMP	81.5	0	H2C TEMP	70.9	0
H2C TEMP	54.2	C	H2C TEMP	81.1	0	H2C TEMP	70.8	0
H2C TEMP	53.8	C	H2C TEMP	80.7	0	H2C TEMP	70.4	0
H2C TEMP	53.2	C	H2C TEMP	80.2	0	H2C TEMP	70.0	0
H2C TEMP	52.7	C	H2C TEMP	79.8	0	H2C TEMP	69.8	0
H2C TEMP	52.2	C	H2C TEMP	79.5	0	H2C TEMP	69.3	0
H2C TEMP	51.6	C	H2C TEMP	79.1	0	H2C TEMP	69.1	0
H2C TEMP	51.0	C	H2C TEMP	78.8	0	H2C TEMP	68.7	0
H2C TEMP	50.5	C	H2C TEMP	78.4	0	H2C TEMP	68.3	0
H2C TEMP	50.2	C	H2C TEMP	78.2	0	H2C TEMP	68.2	0
H2C TEMP	50.0	C	H2C TEMP	78.1	0	H2C TEMP	68.1	0
H2C TEMP	89.8	C	H2C TEMP	78.0	0	H2C TEMP	67.9	0
H2C TEMP	89.4	C	H2C TEMP	77.7	0	H2C TEMP	67.7	0
H2C TEMP	88.8	C	H2C TEMP	77.3	0	H2C TEMP	67.2	0
H2C TEMP	88.2	2	H2C TEMP	76.9	0	H2C TEMP	66.8	0
H2C TEMP	87.7	1	H2C TEMP	76.6	0	H2C TEMP	66.5	0
H2C TEMP	87.3	5	H2C TEMP	76.2	0	H2C TEMP	66.2	0
H2C TEMP	86.8	21	H2C TEMP	75.9	0	H2C TEMP	65.9	0
H2C TEMP	86.5	4	H2C TEMP	75.6	0	H2C TEMP	65.6	0
H2C TEMP	86.1	1	H2C TEMP	75.2	0	H2C TEMP	65.3	0
H2C TEMP	85.0	4	H2C TEMP	74.8	0	H2C TEMP	65.0	0
H2C TEMP	85.0	4	H2C TEMP	74.4	0	H2C TEMP	64.6	0

AUGUST 1970 FCC NEW ORLEANS NOMAD BUOY N4E 25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	950.3	C	PRESSURE	978.5	0	PRESSURE	1008.7	0
PRESSURE	951.3	C	PRESSURE	979.2	0	PRESSURE	1009.7	6
PRESSURE	951.7	C	PRESSURE	980.2	0	PRESSURE	1010.5	3
PRESSURE	952.1	C	PRESSURE	981.2	0	PRESSURE	1011.6	4
PRESSURE	952.3	C	PRESSURE	982.3	0	PRESSURE	1012.5	0
PRESSURE	953.2	C	PRESSURE	983.2	0	PRESSURE	1013.4	4
PRESSURE	954.2	C	PRESSURE	984.2	0	PRESSURE	1014.4	2
PRESSURE	955.1	C	PRESSURE	984.9	0	PRESSURE	1015.3	6
PRESSURE	955.8	C	PRESSURE	985.8	0	PRESSURE	1016.4	6
PRESSURE	956.8	C	PRESSURE	986.8	0	PRESSURE	1017.5	5
PRESSURE	957.7	C	PRESSURE	987.7	0	PRESSURE	1018.0	2
PRESSURE	958.4	C	PRESSURE	988.8	0	PRESSURE	1018.2	2
PRESSURE	959.2	C	PRESSURE	989.8	0	PRESSURE	1019.8	6
PRESSURE	960.2	C	PRESSURE	990.6	0	PRESSURE	1019.5	0
PRESSURE	961.2	C	PRESSURE	991.2	0	PRESSURE	1020.7	1
PRESSURE	962.2	C	PRESSURE	991.4	0	PRESSURE	1021.7	1
PRESSURE	963.2	C	PRESSURE	991.6	0	PRESSURE	1022.8	0
PRESSURE	964.2	C	PRESSURE	992.5	0	PRESSURE	1023.6	0
PRESSURE	964.7	C	PRESSURE	993.5	0	PRESSURE	1024.3	0
PRESSURE	965.0	C	PRESSURE	994.3	0	PRESSURE	1025.3	1
PRESSURE	965.3	C	PRESSURE	995.4	0	PRESSURE	1026.1	0
PRESSURE	966.1	C	PRESSURE	996.3	0	PRESSURE	1027.2	1
PRESSURE	967.2	C	PRESSURE	999.3	0	PRESSURE	1027.9	0
PRESSURE	968.0	C	PRESSURE	999.3	0	PRESSURE	1028.8	0
PRESSURE	969.1	C	PRESSURE	999.1	0	PRESSURE	1029.8	0
PRESSURE	969.8	C	PRESSURE	1000.0	0	PRESSURE	1030.9	0
PRESSURE	970.8	C	PRESSURE	1000.9	0	PRESSURE	1031.4	0
PRESSURE	971.6	C	PRESSURE	1001.9	0	PRESSURE	1031.7	0
PRESSURE	972.6	C	PRESSURE	1002.8	0	PRESSURE	1032.0	0
PRESSURE	973.5	C	PRESSURE	1003.7	0	PRESSURE	1032.8	0
PRESSURE	974.4	C	PRESSURE	1004.7	0	PRESSURE	1033.9	0
PRESSURE	975.4	C	PRESSURE	1004.7	0	PRESSURE	1035.1	0
PRESSURE	976.3	C	PRESSURE	1004.9	0	PRESSURE	1036.2	0
PRESSURE	977.2	C	PRESSURE	1005.7	0	PRESSURE	1037.3	0
PRESSURE	978.0	C	PRESSURE	1006.9	0	PRESSURE	1038.2	0
PRESSURE	978.3	C	PRESSURE	1007.8	0	PRESSURE	1000.0	0

FREQUENCY DISTRIBUTION

WIND SPEED	2.4	1	WIND SPEED	36.4	0	WIND SPEED	71.8	0
WIND SPEED	3.7	3	WIND SPEED	37.7	0	WIND SPEED	72.9	0
WIND SPEED	4.8	4	WIND SPEED	39.1	0	WIND SPEED	74.0	0
WIND SPEED	6.1	3	WIND SPEED	40.3	0	WIND SPEED	74.9	0
WIND SPEED	6.8	0	WIND SPEED	41.7	0	WIND SPEED	76.1	0
WIND SPEED	7.2	1	WIND SPEED	43.0	0	WIND SPEED	77.3	0
WIND SPEED	7.6	0	WIND SPEED	43.9	0	WIND SPEED	77.4	0
WIND SPEED	8.0	3	WIND SPEED	44.3	0	WIND SPEED	79.3	0
WIND SPEED	10.5	1	WIND SPEED	44.7	0	WIND SPEED	80.0	0
WIND SPEED	11.8	5	WIND SPEED	45.7	0	WIND SPEED	80.3	0
WIND SPEED	12.1	5	WIND SPEED	46.8	0	WIND SPEED	80.8	0
WIND SPEED	14.5	7	WIND SPEED	48.2	0	WIND SPEED	81.7	0
WIND SPEED	15.7	3	WIND SPEED	49.6	0	WIND SPEED	83.6	0
WIND SPEED	16.7	3	WIND SPEED	50.9	0	WIND SPEED	85.0	0
WIND SPEED	17.8	2	WIND SPEED	52.1	0	WIND SPEED	86.1	0
WIND SPEED	19.0	0	WIND SPEED	53.3	0	WIND SPEED	87.7	0
WIND SPEED	20.2	2	WIND SPEED	54.6	0	WIND SPEED	88.8	0
WIND SPEED	21.5	1	WIND SPEED	55.7	0	WIND SPEED	90.2	0
WIND SPEED	22.8	1	WIND SPEED	57.1	0	WIND SPEED	91.0	0
WIND SPEED	24.2	0	WIND SPEED	58.4	0	WIND SPEED	91.7	0
WIND SPEED	25.0	0	WIND SPEED	59.8	0	WIND SPEED	92.4	0
WIND SPEED	25.4	0	WIND SPEED	60.9	0	WIND SPEED	93.2	0
WIND SPEED	25.8	0	WIND SPEED	61.7	0	WIND SPEED	94.0	0
WIND SPEED	27.2	0	WIND SPEED	62.0	0	WIND SPEED	94.8	0
WIND SPEED	29.3	0	WIND SPEED	63.5	0	WIND SPEED	95.3	0
WIND SPEED	29.5	0	WIND SPEED	63.8	0	WIND SPEED	95.4	0
WIND SPEED	31.3	0	WIND SPEED	65.3	0	WIND SPEED	95.9	0
WIND SPEED	32.6	0	WIND SPEED	66.5	0	WIND SPEED	96.5	0
WIND SPEED	33.8	0	WIND SPEED	68.8	0	WIND SPEED	97.4	0
WIND SPEED	35.2	0	WIND SPEED	70.6	0	WIND SPEED	98.3	0

FREQUENCY DISTRIBUTION

DIRECTION	6.C	1	DIRECTION	129.0	0	DIRECTION	249.0	0
DIRECTION	11.C	1	DIRECTION	132.0	0	DIRECTION	253.0	0
DIRECTION	16.C	1	DIRECTION	135.0	0	DIRECTION	256.0	1
DIRECTION	20.C	C	DIRECTION	139.0	1	DIRECTION	259.0	C
DIRECTION	24.C	C	DIRECTION	141.0	0	DIRECTION	263.0	0
DIRECTION	27.C	C	DIRECTION	145.0	0	DIRECTION	266.0	0
DIRECTION	30.C	C	DIRECTION	146.0	0	DIRECTION	270.0	0
DIRECTION	34.C	C	DIRECTION	148.0	0	DIRECTION	273.0	C
DIRECTION	38.C	C	DIRECTION	149.0	0	DIRECTION	276.0	C
DIRECTION	41.C	3	DIRECTION	153.0	0	DIRECTION	280.0	0
DIRECTION	44.C	1	DIRECTION	159.0	0	DIRECTION	283.0	1
DIRECTION	46.C	2	DIRECTION	161.0	1	DIRECTION	287.0	C
DIRECTION	49.C	2	DIRECTION	164.0	0	DIRECTION	290.0	0
DIRECTION	52.C	C	DIRECTION	167.0	0	DIRECTION	292.0	1
DIRECTION	53.C	C	DIRECTION	171.0	0	DIRECTION	293.0	0
DIRECTION	54.C	1	DIRECTION	174.0	0	DIRECTION	295.0	C
DIRECTION	57.C	C	DIRECTION	177.0	1	DIRECTION	297.0	C
DIRECTION	63.C	4	DIRECTION	180.0	0	DIRECTION	302.0	0
DIRECTION	67.C	C	DIRECTION	185.0	1	DIRECTION	306.0	0
DIRECTION	69.C	1	DIRECTION	188.0	0	DIRECTION	310.0	1
DIRECTION	73.C	1	DIRECTION	191.0	0	DIRECTION	313.0	1
DIRECTION	76.C	C	DIRECTION	194.0	0	DIRECTION	316.0	0
DIRECTION	78.C	1	DIRECTION	196.0	0	DIRECTION	320.0	C
DIRECTION	82.C	C	DIRECTION	199.0	0	DIRECTION	323.0	C
DIRECTION	85.C	1	DIRECTION	203.0	0	DIRECTION	326.0	C
DIRECTION	89.C	C	DIRECTION	206.0	0	DIRECTION	330.0	0
DIRECTION	92.C	1	DIRECTION	210.0	2	DIRECTION	333.0	1
DIRECTION	95.C	1	DIRECTION	214.0	1	DIRECTION	337.0	0
DIRECTION	99.C	2	DIRECTION	217.0	0	DIRECTION	341.0	1
DIRECTION	101.C	C	DIRECTION	220.0	1	DIRECTION	343.0	1
DIRECTION	102.C	C	DIRECTION	224.0	0	DIRECTION	344.0	0
DIRECTION	103.C	C	DIRECTION	227.0	0	DIRECTION	345.0	C
DIRECTION	105.C	C	DIRECTION	231.0	0	DIRECTION	347.0	C
DIRECTION	110.C	3	DIRECTION	235.0	0	DIRECTION	351.0	0
DIRECTION	111.C	2	DIRECTION	238.0	0	DIRECTION	355.0	1
DIRECTION	115.C	1	DIRECTION	241.0	0	DIRECTION	359.0	0
DIRECTION	117.C	1	DIRECTION	243.0	1	DIRECTION	2.0	0
DIRECTION	120.C	1	DIRECTION	244.0	0	DIRECTION	0.0	0
DIRECTION	124.C	2	DIRECTION	246.0	0	DIRECTION	0.0	0
DIRECTION	127.C	C				DIRECTION	0.0	C

SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N4E

25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

AIR TEMP	95.0	2	AIR TEMP	67.9	0	AIR TEMP	39.0	0
AIR TEMP	97.8	5	AIR TEMP	67.1	0	AIR TEMP	36.0	0
AIR TEMP	97.2	1	AIR TEMP	66.2	0	AIR TEMP	37.0	0
AIR TEMP	96.8	1	AIR TEMP	65.1	0	AIR TEMP	36.2	0
AIR TEMP	96.4	0	AIR TEMP	64.3	0	AIR TEMP	35.1	0
AIR TEMP	95.3	1	AIR TEMP	63.5	0	AIR TEMP	34.4	0
AIR TEMP	93.9	6	AIR TEMP	62.7	0	AIR TEMP	33.6	0
AIR TEMP	92.9	16	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	92.0	7	AIR TEMP	61.2	0	AIR TEMP	32.4	0
AIR TEMP	90.8	18	AIR TEMP	60.2	0	AIR TEMP	32.3	0
AIR TEMP	89.7	6	AIR TEMP	59.2	0	AIR TEMP	31.8	0
AIR TEMP	88.7	12	AIR TEMP	58.3	0	AIR TEMP	31.3	0
AIR TEMP	87.7	2	AIR TEMP	57.4	0	AIR TEMP	30.2	0
AIR TEMP	86.5	3	AIR TEMP	56.8	0	AIR TEMP	29.3	0
AIR TEMP	85.5	1	AIR TEMP	56.7	0	AIR TEMP	28.3	0
AIR TEMP	83.9	1	AIR TEMP	56.4	0	AIR TEMP	27.6	0
AIR TEMP	83.1	0	AIR TEMP	55.5	0	AIR TEMP	27.0	0
AIR TEMP	82.8	1	AIR TEMP	54.6	0	AIR TEMP	26.1	0
AIR TEMP	82.2	1	AIR TEMP	53.8	0	AIR TEMP	25.3	0
AIR TEMP	81.8	1	AIR TEMP	53.0	0	AIR TEMP	24.4	0
AIR TEMP	81.5	1	AIR TEMP	52.2	0	AIR TEMP	23.3	0
AIR TEMP	80.8	0	AIR TEMP	51.4	0	AIR TEMP	22.3	0
AIR TEMP	79.2	1	AIR TEMP	50.6	0	AIR TEMP	21.1	0
AIR TEMP	78.9	4	AIR TEMP	50.0	0	AIR TEMP	20.0	0
AIR TEMP	77.7	5	AIR TEMP	49.0	0	AIR TEMP	19.5	0
AIR TEMP	76.7	2	AIR TEMP	48.0	0	AIR TEMP	19.3	0
AIR TEMP	75.6	2	AIR TEMP	47.2	0	AIR TEMP	19.0	0
AIR TEMP	74.8	0	AIR TEMP	46.2	0	AIR TEMP	18.3	0
AIR TEMP	74.0	0	AIR TEMP	45.4	0	AIR TEMP	17.3	0
AIR TEMP	73.2	0	AIR TEMP	44.8	0	AIR TEMP	16.2	0
AIR TEMP	72.3	0	AIR TEMP	44.6	0	AIR TEMP	15.2	0
AIR TEMP	71.5	0	AIR TEMP	44.2	0	AIR TEMP	14.2	0
AIR TEMP	70.6	0	AIR TEMP	43.6	0	AIR TEMP	13.0	0
AIR TEMP	69.8	0	AIR TEMP	42.4	0	AIR TEMP	11.9	0
AIR TEMP	68.1	0	AIR TEMP	41.7	0	AIR TEMP	10.8	0
AIR TEMP	66.9	0	AIR TEMP	40.9	0	AIR TEMP	9.6	0
AIR TEMP	66.6	0	AIR TEMP	40.0	0	AIR TEMP	0.0	0

SEPTEMBER 1970

FCC NEW ORLEANS

NOMAD BUOY N4E

25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H2O TEMP	55.5	C	H2O TEMP	85.2	0	H2O TEMP	74.1	0
H2O TEMP	55.4	C	H2O TEMP	84.7	0	H2O TEMP	73.7	C
F2O TEMP	58.8	C	H2O TEMP	84.3	0	H2O TEMP	73.4	0
F2O TEMP	58.4	C	H2O TEMP	83.9	0	H2O TEMP	73.2	C
F2O TEMP	58.2	C	H2O TEMP	83.5	0	H2O TEMP	73.0	C
H2O TEMP	57.5	C	H2O TEMP	83.7	0	H2O TEMP	72.9	C
H2O TEMP	57.8	C	H2O TEMP	83.3	0	H2O TEMP	72.6	0
F2O TEMP	56.7	C	H2O TEMP	82.8	0	H2O TEMP	72.2	C
F2O TEMP	56.0	C	H2O TEMP	82.4	0	H2O TEMP	71.8	C
F2O TEMP	55.5	C	H2O TEMP	81.9	0	H2O TEMP	71.4	0
F2O TEMP	54.8	C	H2O TEMP	81.5	0	H2O TEMP	70.9	0
F2O TEMP	54.3	C	H2O TEMP	81.1	0	H2O TEMP	70.8	0
F2O TEMP	53.8	C	H2O TEMP	80.7	0	H2O TEMP	70.4	C
F2O TEMP	53.3	C	H2O TEMP	80.2	0	H2O TEMP	70.0	0
F2O TEMP	52.7	C	H2O TEMP	79.8	0	H2O TEMP	69.8	0
H2O TEMP	52.2	C	H2O TEMP	79.5	0	H2O TEMP	69.3	0
H2O TEMP	51.6	C	H2O TEMP	79.1	0	H2O TEMP	69.1	C
H2O TEMP	51.0	C	H2O TEMP	78.8	0	H2O TEMP	68.7	0
H2O TEMP	50.5	C	H2O TEMP	78.4	0	H2O TEMP	68.3	0
H2O TEMP	50.2	C	H2O TEMP	78.2	0	H2O TEMP	68.2	C
F2O TEMP	50.0	C	H2O TEMP	78.1	0	H2O TEMP	68.1	0
F2O TEMP	49.8	2	H2O TEMP	78.0	0	H2O TEMP	67.9	0
F2O TEMP	49.4	1	H2O TEMP	77.7	0	H2O TEMP	67.7	0
F2O TEMP	48.5	13	H2O TEMP	77.3	0	H2O TEMP	67.2	0
F2O TEMP	48.6	16	H2O TEMP	76.9	0	H2O TEMP	66.8	0
F2O TEMP	48.2	11	H2O TEMP	76.6	0	H2O TEMP	66.5	0
F2O TEMP	47.7	14	H2O TEMP	76.2	0	H2O TEMP	66.2	0
F2O TEMP	47.3	7	H2O TEMP	75.9	0	H2O TEMP	65.5	0
F2O TEMP	46.6	21	H2O TEMP	75.6	0	H2O TEMP	65.6	0
F2O TEMP	46.5	42	H2O TEMP	75.2	0	H2O TEMP	65.3	0
F2O TEMP	46.1	5	H2O TEMP	74.8	0	H2O TEMP	65.0	0
F2O TEMP	45.6	1	H2O TEMP	74.4	0	H2O TEMP	64.6	C

FREQUENCY DISTRIBUTION

PRESSURE	950.3	C	PRESSURE	978.5	0	PRESSURE	1008.7	0
PRESSURE	951.3	C	PRESSURE	979.2	0	PRESSURE	1009.7	0
PRESSURE	951.7	C	PRESSURE	980.2	0	PRESSURE	1010.5	3
PRESSURE	952.1	C	PRESSURE	981.2	0	PRESSURE	1011.6	5
PRESSURE	952.3	C	PRESSURE	982.3	0	PRESSURE	1012.5	0
PRESSURE	952.2	C	PRESSURE	983.2	0	PRESSURE	1013.4	9
PRESSURE	954.2	C	PRESSURE	984.0	0	PRESSURE	1014.4	6
PRESSURE	955.1	C	PRESSURE	984.9	0	PRESSURE	1015.3	7
PRESSURE	955.8	C	PRESSURE	985.9	0	PRESSURE	1016.4	7
PRESSURE	956.9	C	PRESSURE	986.9	0	PRESSURE	1017.5	3
PRESSURE	958.4	C	PRESSURE	987.7	0	PRESSURE	1018.0	2
PRESSURE	959.2	C	PRESSURE	988.6	0	PRESSURE	1018.2	6
PRESSURE	960.2	C	PRESSURE	989.8	0	PRESSURE	1018.8	5
PRESSURE	961.2	C	PRESSURE	990.8	0	PRESSURE	1019.5	7
PRESSURE	962.2	C	PRESSURE	991.2	0	PRESSURE	1020.7	2
PRESSURE	963.2	C	PRESSURE	991.4	0	PRESSURE	1021.7	2
PRESSURE	964.2	C	PRESSURE	991.6	0	PRESSURE	1022.8	2
PRESSURE	964.7	C	PRESSURE	992.5	0	PRESSURE	1023.6	1
PRESSURE	965.0	C	PRESSURE	993.5	2	PRESSURE	1024.3	1
PRESSURE	965.3	C	PRESSURE	994.3	2	PRESSURE	1025.3	0
PRESSURE	966.1	C	PRESSURE	995.4	2	PRESSURE	1026.1	0
PRESSURE	967.2	C	PRESSURE	995.3	16	PRESSURE	1027.2	1
PRESSURE	968.0	C	PRESSURE	996.3	0	PRESSURE	1027.9	0
PRESSURE	969.1	C	PRESSURE	997.2	7	PRESSURE	1028.8	2
PRESSURE	969.8	C	PRESSURE	999.1	0	PRESSURE	1029.8	2
PRESSURE	970.8	C	PRESSURE	1000.0	0	PRESSURE	1030.9	3
PRESSURE	971.8	C	PRESSURE	1000.9	6	PRESSURE	1031.4	2
PRESSURE	972.6	C	PRESSURE	1001.9	6	PRESSURE	1031.7	1
PRESSURE	973.5	C	PRESSURE	1002.8	13	PRESSURE	1032.0	0
PRESSURE	974.4	C	PRESSURE	1003.7	0	PRESSURE	1032.8	1
PRESSURE	975.4	C	PRESSURE	1004.2	6	PRESSURE	1033.9	1
PRESSURE	976.3	C	PRESSURE	1004.7	4	PRESSURE	1035.1	0
PRESSURE	977.2	C	PRESSURE	1004.9	1	PRESSURE	1036.2	0
PRESSURE	978.0	C	PRESSURE	1005.9	4	PRESSURE	1037.3	0
PRESSURE	978.3	C	PRESSURE	1006.9	2	PRESSURE	1038.2	0
PRESSURE	978.3	C	PRESSURE	1007.8	2	PRESSURE	1000.0	0

SEPTEMBER 1970

FCC NEW ORLEANS

NOMAD BUOY N4E

25.0 N. LATITUDE, 92.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.4	7	WIND SPEED	36.4	0	WIND SPEED	71.8	0
WIND SPEED	3.7	15	WIND SPEED	37.7	0	WIND SPEED	72.9	0
WIND SPEED	4.8	7	WIND SPEED	39.1	0	WIND SPEED	74.0	0
WIND SPEED	6.1	14	WIND SPEED	40.3	0	WIND SPEED	74.9	0
WIND SPEED	6.8	1	WIND SPEED	41.7	0	WIND SPEED	76.1	0
WIND SPEED	7.2	7	WIND SPEED	43.0	0	WIND SPEED	77.3	0
WIND SPEED	7.6	1	WIND SPEED	43.9	0	WIND SPEED	78.4	0
WIND SPEED	8.8	21	WIND SPEED	44.3	0	WIND SPEED	79.3	0
WIND SPEED	10.5	15	WIND SPEED	44.7	0	WIND SPEED	80.0	0
WIND SPEED	11.8	22	WIND SPEED	45.7	0	WIND SPEED	80.3	0
WIND SPEED	13.1	12	WIND SPEED	46.8	0	WIND SPEED	80.8	0
WIND SPEED	14.5	3	WIND SPEED	48.2	0	WIND SPEED	81.7	1
WIND SPEED	15.7	4	WIND SPEED	49.6	0	WIND SPEED	83.6	0
WIND SPEED	16.7	0	WIND SPEED	50.5	0	WIND SPEED	85.0	0
WIND SPEED	17.8	0	WIND SPEED	52.1	0	WIND SPEED	86.1	0
WIND SPEED	19.0	0	WIND SPEED	53.3	0	WIND SPEED	87.7	0
WIND SPEED	20.2	0	WIND SPEED	54.6	0	WIND SPEED	88.8	0
WIND SPEED	21.3	1	WIND SPEED	55.7	0	WIND SPEED	90.2	0
WIND SPEED	22.8	0	WIND SPEED	57.1	0	WIND SPEED	91.0	0
WIND SPEED	24.2	1	WIND SPEED	58.4	0	WIND SPEED	91.7	0
WIND SPEED	25.0	0	WIND SPEED	59.8	0	WIND SPEED	92.4	0
WIND SPEED	25.4	0	WIND SPEED	60.9	0	WIND SPEED	93.2	0
WIND SPEED	25.8	0	WIND SPEED	61.7	0	WIND SPEED	94.0	0
WIND SPEED	27.2	0	WIND SPEED	62.0	0	WIND SPEED	94.8	0
WIND SPEED	29.5	0	WIND SPEED	62.5	0	WIND SPEED	95.3	0
WIND SPEED	29.9	2	WIND SPEED	63.8	0	WIND SPEED	95.4	0
WIND SPEED	31.3	0	WIND SPEED	65.3	0	WIND SPEED	95.9	0
WIND SPEED	32.6	0	WIND SPEED	66.9	0	WIND SPEED	96.5	0
WIND SPEED	33.8	0	WIND SPEED	68.8	0	WIND SPEED	97.4	0
WIND SPEED	35.2	0	WIND SPEED	70.6	0	WIND SPEED	98.3	0

FREQUENCY DISTRIBUTION

DIRECTION	6.0	25	DIRECTION	129.0	2	DIRECTION	249.0	0
DIRECTION	11.0	C	DIRECTION	132.0	2	DIRECTION	253.0	1
DIRECTION	16.0	1	DIRECTION	135.0	1	DIRECTION	256.0	1
DIRECTION	20.0	C	DIRECTION	139.0	2	DIRECTION	259.0	0
DIRECTION	24.0	1	DIRECTION	141.0	1	DIRECTION	263.0	0
DIRECTION	27.0	1	DIRECTION	145.0	0	DIRECTION	266.0	0
DIRECTION	30.0	1	DIRECTION	149.0	1	DIRECTION	270.0	0
DIRECTION	34.0	C	DIRECTION	148.0	0	DIRECTION	273.0	C
DIRECTION	38.0	2	DIRECTION	149.0	0	DIRECTION	276.0	0
DIRECTION	41.0	C	DIRECTION	153.0	0	DIRECTION	280.0	0
DIRECTION	44.0	2	DIRECTION	156.0	0	DIRECTION	283.0	C
DIRECTION	46.0	2	DIRECTION	161.0	1	DIRECTION	287.0	0
DIRECTION	49.0	C	DIRECTION	164.0	1	DIRECTION	290.0	C
DIRECTION	52.0	C	DIRECTION	167.0	0	DIRECTION	292.0	C
DIRECTION	53.0	4	DIRECTION	171.0	2	DIRECTION	293.0	C
DIRECTION	54.0	4	DIRECTION	174.0	0	DIRECTION	295.0	C
DIRECTION	57.0	4	DIRECTION	177.0	0	DIRECTION	297.0	0
DIRECTION	63.0	5	DIRECTION	180.0	0	DIRECTION	302.0	C
DIRECTION	67.0	C	DIRECTION	185.0	0	DIRECTION	306.0	C
DIRECTION	69.0	4	DIRECTION	188.0	0	DIRECTION	310.0	C
DIRECTION	73.0	4	DIRECTION	191.0	0	DIRECTION	313.0	0
DIRECTION	76.0	10	DIRECTION	194.0	0	DIRECTION	316.0	C
DIRECTION	78.0	1	DIRECTION	194.0	0	DIRECTION	320.0	0
DIRECTION	82.0	3	DIRECTION	196.0	0	DIRECTION	323.0	C
DIRECTION	85.0	3	DIRECTION	199.0	0	DIRECTION	326.0	C
DIRECTION	88.0	2	DIRECTION	203.0	1	DIRECTION	330.0	0
DIRECTION	92.0	4	DIRECTION	206.0	0	DIRECTION	333.0	C
DIRECTION	96.0	8	DIRECTION	210.0	0	DIRECTION	337.0	0
DIRECTION	99.0	11	DIRECTION	214.0	0	DIRECTION	341.0	1
DIRECTION	103.0	4	DIRECTION	217.0	0	DIRECTION	343.0	0
DIRECTION	102.0	3	DIRECTION	220.0	0	DIRECTION	344.0	0
DIRECTION	103.0	5	DIRECTION	224.0	0	DIRECTION	345.0	0
DIRECTION	105.0	C	DIRECTION	227.0	0	DIRECTION	347.0	0
DIRECTION	110.0	3	DIRECTION	231.0	0	DIRECTION	351.0	0
DIRECTION	111.0	6	DIRECTION	235.0	0	DIRECTION	355.0	0
DIRECTION	115.0	5	DIRECTION	238.0	0	DIRECTION	359.0	C
DIRECTION	117.0	3	DIRECTION	241.0	0	DIRECTION	2.0	C
DIRECTION	120.0	5	DIRECTION	243.0	0	DIRECTION	0.0	0
DIRECTION	124.0	6	DIRECTION	244.0	0	DIRECTION	0.0	0
DIRECTION	127.0	2	DIRECTION	246.0	0	DIRECTION	0.0	0

JUNE 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY N5E

FREQUENCY DISTRIBUTION

AIR TEMP	59.2	0	AIR TEMP	66.7	0	AIR TEMP	22.4	0	38.0	0
AIR TEMP	97.8	0	AIR TEMP	66.1	0	AIR TEMP	21.5	0	37.0	0
AIR TEMP	96.6	0	AIR TEMP	64.9	0	AIR TEMP	20.5	0	36.2	0
AIR TEMP	95.4	0	AIR TEMP	64.3	0	AIR TEMP	19.6	0	35.2	0
AIR TEMP	94.6	0	AIR TEMP	63.8	0	AIR TEMP	18.5	0	34.4	0
AIR TEMP	94.4	0	AIR TEMP	62.9	0	AIR TEMP	17.3	0	33.5	0
AIR TEMP	93.6	0	AIR TEMP	62.0	0	AIR TEMP	17.1	0	32.8	0
AIR TEMP	92.3	0	AIR TEMP	61.2	0	AIR TEMP	16.5	0	32.1	0
AIR TEMP	91.6	0	AIR TEMP	60.3	0	AIR TEMP	15.5	0	31.2	0
AIR TEMP	90.8	1	AIR TEMP	59.3	0	AIR TEMP	14.3	0	30.4	0
AIR TEMP	89.7	1	AIR TEMP	58.4	0	AIR TEMP	12.9	0	29.8	0
AIR TEMP	88.7	0	AIR TEMP	57.3	0	AIR TEMP	12.1	0	29.5	0
AIR TEMP	87.8	2	AIR TEMP	56.4	0	AIR TEMP	11.6	0	28.9	0
AIR TEMP	85.6	5	AIR TEMP	55.5	0	AIR TEMP	10.1	0	28.0	0
AIR TEMP	85.5	10	AIR TEMP	54.6	0	AIR TEMP	9.0	0	27.6	0
AIR TEMP	84.6	14	AIR TEMP	54.0	0	AIR TEMP	7.9	0	27.0	0
AIR TEMP	83.7	3	AIR TEMP	53.8	0	AIR TEMP	6.6	0	26.1	0
AIR TEMP	82.8	0	AIR TEMP	53.3	0	AIR TEMP	6.0	0	25.2	0
AIR TEMP	81.8	0	AIR TEMP	52.2	0	AIR TEMP	5.5	0	24.2	0
AIR TEMP	80.6	0	AIR TEMP	51.7	0	AIR TEMP	5.0	0	23.4	0
AIR TEMP	79.8	0	AIR TEMP	51.0	0	AIR TEMP	4.9	0	22.4	0
AIR TEMP	79.7	0	AIR TEMP	50.2	0	AIR TEMP	4.8	0	21.5	0
AIR TEMP	79.6	0	AIR TEMP	49.4	0	AIR TEMP	4.7	0	20.5	0
AIR TEMP	78.4	0	AIR TEMP	48.6	0	AIR TEMP	4.6	0	19.6	0
AIR TEMP	77.3	0	AIR TEMP	47.8	0	AIR TEMP	4.5	0	18.5	0
AIR TEMP	76.7	0	AIR TEMP	46.8	0	AIR TEMP	4.4	0	17.3	0
AIR TEMP	75.7	0	AIR TEMP	46.0	0	AIR TEMP	4.3	0	17.1	0
AIR TEMP	74.7	0	AIR TEMP	45.3	0	AIR TEMP	4.2	0	16.5	0
AIR TEMP	73.8	0	AIR TEMP	44.4	0	AIR TEMP	4.1	0	15.5	0
AIR TEMP	72.8	0	AIR TEMP	43.5	0	AIR TEMP	4.0	0	14.3	0
AIR TEMP	71.8	0	AIR TEMP	42.7	0	AIR TEMP	3.9	0	12.9	0
AIR TEMP	71.2	0	AIR TEMP	42.0	0	AIR TEMP	3.8	0	12.1	0
AIR TEMP	70.2	0	AIR TEMP	41.4	0	AIR TEMP	3.5	0	11.6	0
AIR TEMP	69.4	0	AIR TEMP	41.0	0	AIR TEMP	3.5	0	10.1	0
AIR TEMP	68.5	0	AIR TEMP	40.1	0	AIR TEMP	3.5	0	9.0	0
AIR TEMP	67.5	0	AIR TEMP	39.5	0	AIR TEMP	3.5	0	7.9	0
AIR TEMP	66.7	0	AIR TEMP	38.9	0	AIR TEMP	3.5	0	6.6	0

JUNE 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY NSE

FREQUENCY DISTRIBUTION

H2O TEMP	99.6	0	H2O TEMP	84.9	6	H2O TEMP	73.9	0
H2O TEMP	99.2	0	H2O TEMP	84.4	0	H2O TEMP	73.5	0
H2O TEMP	98.7	0	H2O TEMP	84.2	0	H2O TEMP	73.2	0
H2O TEMP	98.6	0	H2O TEMP	84.1	0	H2O TEMP	73.1	0
H2O TEMP	98.2	0	H2O TEMP	83.8	0	H2O TEMP	72.8	0
H2O TEMP	97.8	0	H2O TEMP	83.3	0	H2O TEMP	72.4	0
H2O TEMP	96.9	0	H2O TEMP	83.2	0	H2O TEMP	72.2	0
H2O TEMP	96.5	0	H2O TEMP	82.8	0	H2O TEMP	71.9	0
H2O TEMP	95.8	0	H2O TEMP	82.5	0	H2O TEMP	71.6	0
H2O TEMP	95.3	0	H2O TEMP	82.2	0	H2O TEMP	71.3	0
H2O TEMP	94.7	0	H2O TEMP	81.7	0	H2O TEMP	70.8	0
H2O TEMP	94.2	0	H2O TEMP	81.3	0	H2O TEMP	70.5	0
H2O TEMP	93.7	0	H2O TEMP	80.8	0	H2O TEMP	70.2	0
H2O TEMP	93.1	0	H2O TEMP	80.5	0	H2O TEMP	69.8	0
H2O TEMP	92.5	0	H2O TEMP	80.1	0	H2O TEMP	69.5	0
H2O TEMP	92.2	0	H2O TEMP	79.6	0	H2O TEMP	69.3	0
H2O TEMP	91.4	0	H2O TEMP	79.3	0	H2O TEMP	68.9	0
H2O TEMP	90.8	0	H2O TEMP	78.9	0	H2O TEMP	68.6	0
H2O TEMP	90.4	0	H2O TEMP	78.6	0	H2O TEMP	68.3	0
H2O TEMP	90.3	0	H2O TEMP	78.5	0	H2O TEMP	68.3	0
H2O TEMP	90.3	0	H2O TEMP	78.3	0	H2O TEMP	68.0	0
H2O TEMP	89.6	0	H2O TEMP	77.8	0	H2O TEMP	67.7	0
H2O TEMP	89.2	0	H2O TEMP	77.5	0	H2O TEMP	67.5	0
H2O TEMP	88.8	0	H2O TEMP	77.3	0	H2O TEMP	67.3	0
H2O TEMP	88.3	0	H2O TEMP	76.8	0	H2O TEMP	66.9	0
H2O TEMP	88.0	0	H2O TEMP	76.4	0	H2O TEMP	66.5	0
H2O TEMP	87.5	0	H2O TEMP	76.2	0	H2O TEMP	66.2	0
H2O TEMP	87.1	1	H2O TEMP	75.8	0	H2O TEMP	65.9	0
H2O TEMP	86.7	1	H2O TEMP	75.3	0	H2O TEMP	65.7	0
H2O TEMP	86.3	4	H2O TEMP	74.9	0	H2O TEMP	65.3	0
H2O TEMP	85.8	13	H2O TEMP	74.7	0	H2O TEMP	64.9	0
H2O TEMP	85.3	13	H2O TEMP	74.3	0	H2O TEMP	0.0	0

JUNE 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	950.3	0	PRESSURE	984.3	0	PRESSURE	1013.3	0
PRESSURE	951.4	0	PRESSURE	985.1	0	PRESSURE	1013.9	2
PRESSURE	952.7	0	PRESSURE	985.2	0	PRESSURE	1014.4	1
PRESSURE	953.8	0	PRESSURE	985.8	0	PRESSURE	1015.3	10
PRESSURE	955.2	0	PRESSURE	987.1	0	PRESSURE	1016.2	7
PRESSURE	955.8	0	PRESSURE	987.6	0	PRESSURE	1017.1	10
PRESSURE	956.1	0	PRESSURE	988.2	0	PRESSURE	1017.9	4
PRESSURE	956.8	0	PRESSURE	989.1	0	PRESSURE	1018.9	0
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1019.8	0
PRESSURE	958.9	0	PRESSURE	990.9	0	PRESSURE	1020.7	0
PRESSURE	959.8	0	PRESSURE	992.0	0	PRESSURE	1021.4	0
PRESSURE	960.7	0	PRESSURE	993.0	0	PRESSURE	1022.2	0
PRESSURE	961.6	0	PRESSURE	993.8	0	PRESSURE	1023.2	0
PRESSURE	962.4	0	PRESSURE	994.8	0	PRESSURE	1023.8	0
PRESSURE	963.3	0	PRESSURE	995.8	0	PRESSURE	1024.1	0
PRESSURE	964.2	0	PRESSURE	996.7	0	PRESSURE	1024.7	0
PRESSURE	974.9	0	PRESSURE	997.5	0	PRESSURE	1025.8	0
PRESSURE	965.7	0	PRESSURE	998.2	0	PRESSURE	1026.2	0
PRESSURE	966.5	0	PRESSURE	996.4	0	PRESSURE	1026.8	0
PRESSURE	967.4	0	PRESSURE	999.0	0	PRESSURE	1027.8	0
PRESSURE	968.4	0	PRESSURE	1000.2	0	PRESSURE	1028.9	0
PRESSURE	969.2	0	PRESSURE	1000.8	0	PRESSURE	1029.8	0
PRESSURE	969.4	0	PRESSURE	1001.5	0	PRESSURE	1030.4	0
PRESSURE	969.7	0	PRESSURE	1002.4	0	PRESSURE	1031.4	0
PRESSURE	971.2	0	PRESSURE	1003.3	0	PRESSURE	1032.3	0
PRESSURE	972.7	0	PRESSURE	1004.1	0	PRESSURE	1033.2	0
PRESSURE	973.4	0	PRESSURE	1005.0	0	PRESSURE	1034.0	0
PRESSURE	974.6	0	PRESSURE	1006.0	0	PRESSURE	1035.0	0
PRESSURE	975.8	0	PRESSURE	1006.8	0	PRESSURE	1035.9	0
PRESSURE	977.0	0	PRESSURE	1007.7	0	PRESSURE	1036.2	0
PRESSURE	978.3	0	PRESSURE	1008.6	0	PRESSURE	1036.6	0
PRESSURE	979.7	0	PRESSURE	1009.5	0	PRESSURE	1037.7	0
PRESSURE	980.4	0	PRESSURE	1010.4	0	PRESSURE	1038.6	0
PRESSURE	981.4	0	PRESSURE	1011.2	0	PRESSURE	1039.5	0
PRESSURE	982.3	0	PRESSURE	1011.6	1	PRESSURE	1040.2	0
PRESSURE	983.2	0	PRESSURE	1012.2	0	PRESSURE	1000.0	0

JUNE 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.8	5	WIND SPEED	36.3	0	WIND SPEED	66.0	0
WIND SPEED	4.3	8	WIND SPEED	36.4	0	WIND SPEED	67.5	0
WIND SPEED	6.3	5	WIND SPEED	36.6	0	WIND SPEED	69.3	0
WIND SPEED	8.2	4	WIND SPEED	38.8	0	WIND SPEED	70.9	0
WIND SPEED	10.1	5	WIND SPEED	40.8	0	WIND SPEED	73.0	0
WIND SPEED	11.4	4	WIND SPEED	41.8	0	WIND SPEED	74.6	0
WIND SPEED	11.6	1	WIND SPEED	43.3	0	WIND SPEED	76.5	0
WIND SPEED	12.8	1	WIND SPEED	45.0	0	WIND SPEED	78.4	0
WIND SPEED	15.2	0	WIND SPEED	46.6	0	WIND SPEED	80.5	0
WIND SPEED	16.2	1	WIND SPEED	48.5	0	WIND SPEED	81.9	0
WIND SPEED	17.3	2	WIND SPEED	50.1	0	WIND SPEED	83.4	0
WIND SPEED	18.8	0	WIND SPEED	51.4	0	WIND SPEED	84.6	0
WIND SPEED	20.5	0	WIND SPEED	53.1	0	WIND SPEED	85.0	0
WIND SPEED	22.3	0	WIND SPEED	54.8	0	WIND SPEED	86.1	0
WIND SPEED	24.2	0	WIND SPEED	56.6	0	WIND SPEED	88.0	0
WIND SPEED	26.2	0	WIND SPEED	58.4	0	WIND SPEED	89.1	0
WIND SPEED	27.6	0	WIND SPEED	60.1	0	WIND SPEED	90.3	0
WIND SPEED	29.4	0	WIND SPEED	60.3	0	WIND SPEED	92.2	0
WIND SPEED	31.0	0	WIND SPEED	61.4	0	WIND SPEED	93.8	0
WIND SPEED	32.8	0	WIND SPEED	63.7	0	WIND SPEED	95.3	0
WIND SPEED	34.8	0	WIND SPEED	64.8	0	WIND SPEED	97.0	0

FREQUENCY DISTRIBUTION

DIRECTION	6.0	0	DIRECTION	131.0	1	DIRECTION	251.0	0
DIRECTION	11.0	0	DIRECTION	134.0	1	DIRECTION	254.0	0
DIRECTION	16.0	1	DIRECTION	136.0	0	DIRECTION	257.0	0
DIRECTION	19.0	0	DIRECTION	141.0	2	DIRECTION	261.0	0
DIRECTION	22.0	0	DIRECTION	144.0	2	DIRECTION	264.0	0
DIRECTION	25.0	0	DIRECTION	144.0	0	DIRECTION	267.0	0
DIRECTION	29.0	0	DIRECTION	147.0	0	DIRECTION	271.0	0
DIRECTION	30.0	0	DIRECTION	151.0	5	DIRECTION	274.0	0
DIRECTION	34.0	0	DIRECTION	153.0	0	DIRECTION	277.0	0
DIRECTION	38.0	0	DIRECTION	155.0	2	DIRECTION	280.0	0
DIRECTION	42.0	0	DIRECTION	158.0	1	DIRECTION	283.0	0
DIRECTION	48.0	1	DIRECTION	162.0	4	DIRECTION	287.0	0
DIRECTION	49.0	0	DIRECTION	165.0	1	DIRECTION	289.0	0
DIRECTION	49.0	0	DIRECTION	169.0	1	DIRECTION	290.0	0
DIRECTION	51.0	0	DIRECTION	173.0	1	DIRECTION	293.0	0
DIRECTION	56.0	0	DIRECTION	176.0	1	DIRECTION	297.0	0
DIRECTION	58.0	0	DIRECTION	180.0	0	DIRECTION	299.0	0
DIRECTION	60.0	0	DIRECTION	184.0	1	DIRECTION	301.0	0
DIRECTION	63.0	0	DIRECTION	186.0	0	DIRECTION	304.0	0
DIRECTION	66.0	0	DIRECTION	189.0	2	DIRECTION	309.0	0
DIRECTION	70.0	0	DIRECTION	192.0	0	DIRECTION	312.0	0
DIRECTION	74.0	2	DIRECTION	193.0	0	DIRECTION	314.0	0
DIRECTION	77.0	1	DIRECTION	194.0	1	DIRECTION	319.0	1
DIRECTION	80.0	0	DIRECTION	198.0	1	DIRECTION	322.0	0
DIRECTION	93.0	0	DIRECTION	201.0	0	DIRECTION	325.0	0
DIRECTION	87.0	0	DIRECTION	204.0	0	DIRECTION	328.0	0
DIRECTION	91.0	0	DIRECTION	207.0	0	DIRECTION	331.0	0
DIRECTION	95.0	0	DIRECTION	210.0	0	DIRECTION	335.0	0
DIRECTION	96.0	0	DIRECTION	213.0	0	DIRECTION	337.0	0
DIRECTION	98.0	0	DIRECTION	216.0	0	DIRECTION	343.0	0
DIRECTION	99.0	0	DIRECTION	220.0	0	DIRECTION	345.0	0
DIRECTION	103.0	0	DIRECTION	224.0	0	DIRECTION	348.0	0
DIRECTION	107.0	0	DIRECTION	227.0	0	DIRECTION	350.0	0
DIRECTION	109.0	1	DIRECTION	231.0	0	DIRECTION	351.0	0
DIRECTION	113.0	1	DIRECTION	234.0	0	DIRECTION	355.0	0
DIRECTION	116.0	2	DIRECTION	238.0	0	DIRECTION	357.0	0
DIRECTION	119.0	0	DIRECTION	241.0	0	DIRECTION	0.0	0
DIRECTION	122.0	0	DIRECTION	242.0	0	DIRECTION	4.0	0
DIRECTION	126.0	0	DIRECTION	245.0	0	DIRECTION	0.0	0
DIRECTION	127.0	2	DIRECTION	248.0	0	DIRECTION	0.0	0

FREQUENCY DISTRIBUTION

AIR TEMP	99.2	0	AIR TEMP	66.7	0	AIR TEMP	38.0	0
AIR TEMP	97.8	0	AIR TEMP	66.1	0	AIR TEMP	37.0	0
AIR TEMP	96.6	0	AIR TEMP	64.9	0	AIR TEMP	36.2	0
AIR TEMP	95.4	0	AIR TEMP	64.3	0	AIR TEMP	35.2	0
AIR TEMP	94.6	0	AIR TEMP	63.8	0	AIR TEMP	34.4	0
AIR TEMP	94.4	0	AIR TEMP	62.9	0	AIR TEMP	33.5	0
AIR TEMP	93.6	0	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	92.3	0	AIR TEMP	61.2	0	AIR TEMP	32.1	0
AIR TEMP	91.6	0	AIR TEMP	60.3	0	AIR TEMP	31.2	0
AIR TEMP	90.8	2	AIR TEMP	59.3	0	AIR TEMP	30.4	0
AIR TEMP	89.7	3	AIR TEMP	58.4	0	AIR TEMP	29.8	0
AIR TEMP	88.7	4	AIR TEMP	57.3	0	AIR TEMP	29.5	0
AIR TEMP	87.8	17	AIR TEMP	56.4	0	AIR TEMP	28.9	0
AIR TEMP	86.6	33	AIR TEMP	55.5	0	AIR TEMP	28.0	0
AIR TEMP	85.5	35	AIR TEMP	54.6	0	AIR TEMP	27.6	0
AIR TEMP	84.6	69	AIR TEMP	54.0	0	AIR TEMP	27.0	0
AIR TEMP	83.7	45	AIR TEMP	53.8	0	AIR TEMP	26.1	0
AIR TEMP	82.8	12	AIR TEMP	53.3	0	AIR TEMP	25.2	0
AIR TEMP	81.8	4	AIR TEMP	52.2	0	AIR TEMP	24.2	0
AIR TEMP	80.6	1	AIR TEMP	51.7	0	AIR TEMP	23.4	0
AIR TEMP	79.8	0	AIR TEMP	51.0	0	AIR TEMP	22.4	0
AIR TEMP	79.7	0	AIR TEMP	50.2	1	AIR TEMP	21.5	0
AIR TEMP	79.6	1	AIR TEMP	49.4	0	AIR TEMP	20.5	0
AIR TEMP	78.4	0	AIR TEMP	48.6	0	AIR TEMP	19.6	0
AIR TEMP	77.3	0	AIR TEMP	47.8	0	AIR TEMP	18.5	0
AIR TEMP	76.7	0	AIR TEMP	46.8	0	AIR TEMP	17.3	0
AIR TEMP	75.7	0	AIR TEMP	46.0	0	AIR TEMP	17.1	0
AIR TEMP	74.7	0	AIR TEMP	45.3	0	AIR TEMP	16.5	0
AIR TEMP	73.8	0	AIR TEMP	44.4	0	AIR TEMP	15.5	0
AIR TEMP	72.8	0	AIR TEMP	43.5	0	AIR TEMP	14.3	0
AIR TEMP	71.8	0	AIR TEMP	42.7	0	AIR TEMP	12.9	0
AIR TEMP	71.2	0	AIR TEMP	42.0	0	AIR TEMP	12.1	0
AIR TEMP	70.2	0	AIR TEMP	41.4	0	AIR TEMP	11.6	0
AIR TEMP	69.4	0	AIR TEMP	41.0	0	AIR TEMP	10.1	0
AIR TEMP	68.5	0	AIR TEMP	40.1	0	AIR TEMP	9.0	0
AIR TEMP	67.5	0	AIR TEMP	39.5	0	AIR TEMP	7.9	0
AIR TEMP	66.7	0	AIR TEMP	38.9	0	AIR TEMP	6.6	0

JULY 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY N5E

FREQUENCY DISTRIBUTION

H20 TEMP	99.8	0	H20 TEMP	84.9	34	H20 TEMP	73.9	0
H20 TEMP	99.2	0	H20 TEMP	84.4	42	H20 TEMP	73.5	0
H20 TEMP	98.7	0	H20 TEMP	84.2	14	H20 TEMP	73.2	0
H20 TEMP	98.6	0	H20 TEMP	84.1	0	H20 TEMP	73.1	0
H20 TEMP	98.2	0	H20 TEMP	83.8	5	H20 TEMP	72.8	0
H20 TEMP	97.8	0	H20 TEMP	83.3	2	H20 TEMP	72.4	0
H20 TEMP	96.9	0	H20 TEMP	83.0	0	H20 TEMP	72.2	0
H20 TEMP	96.5	0	H20 TEMP	82.8	1	H20 TEMP	71.9	0
H20 TEMP	95.8	0	H20 TEMP	82.5	2	H20 TEMP	71.6	0
H20 TEMP	95.3	0	H20 TEMP	82.2	0	H20 TEMP	71.3	0
H20 TEMP	94.7	0	H20 TEMP	81.7	0	H20 TEMP	70.8	0
H20 TEMP	94.2	0	H20 TEMP	81.3	0	H20 TEMP	70.5	0
H20 TEMP	93.7	0	H20 TEMP	80.8	0	H20 TEMP	70.2	0
H20 TEMP	93.1	0	H20 TEMP	80.5	0	H20 TEMP	69.8	0
H20 TEMP	92.5	0	H20 TEMP	80.1	0	H20 TEMP	69.5	0
H20 TEMP	92.2	0	H20 TEMP	79.6	0	H20 TEMP	69.3	0
H20 TEMP	91.4	0	H20 TEMP	79.3	0	H20 TEMP	68.9	0
H20 TEMP	90.8	0	H20 TEMP	78.9	0	H20 TEMP	68.6	0
H20 TEMP	90.4	0	H20 TEMP	78.6	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	H20 TEMP	78.5	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	H20 TEMP	78.3	0	H20 TEMP	68.0	0
H20 TEMP	89.6	0	H20 TEMP	77.8	0	H20 TEMP	67.7	0
H20 TEMP	89.2	1	H20 TEMP	77.5	0	H20 TEMP	67.5	0
H20 TEMP	88.8	0	H20 TEMP	77.3	0	H20 TEMP	67.3	0
H20 TEMP	88.3	0	H20 TEMP	76.8	0	H20 TEMP	66.9	0
H20 TEMP	88.0	0	H20 TEMP	76.4	0	H20 TEMP	66.5	0
H20 TEMP	87.5	3	H20 TEMP	76.2	0	H20 TEMP	66.2	0
H20 TEMP	87.1	12	H20 TEMP	75.8	0	H20 TEMP	65.9	0
H20 TEMP	86.7	10	H20 TEMP	75.3	0	H20 TEMP	65.7	0
H20 TEMP	86.3	31	H20 TEMP	74.9	0	H20 TEMP	65.3	0
H20 TEMP	85.8	49	H20 TEMP	74.7	0	H20 TEMP	64.9	0
H20 TEMP	85.3	22	H20 TEMP	74.3	0	H20 TEMP	0.0	0

JULY 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	950.3	0	PRESSURE	984.3	0	PRESSURE	1013.3	9
PRESSURE	951.4	0	PRESSURE	985.1	0	PRESSURE	1013.9	4
PRESSURE	952.7	0	PRESSURE	985.2	0	PRESSURE	1014.4	16
PRESSURE	953.8	0	PRESSURE	985.8	0	PRESSURE	1015.3	50
PRESSURE	955.2	0	PRESSURE	987.1	0	PRESSURE	1016.2	35
PRESSURE	955.8	0	PRESSURE	987.6	0	PRESSURE	1017.1	55
PRESSURE	956.1	0	PRESSURE	988.2	0	PRESSURE	1017.9	12
PRESSURE	958.8	0	PRESSURE	989.1	0	PRESSURE	1018.9	11
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1019.8	2
PRESSURE	958.9	0	PRESSURE	990.9	0	PRESSURE	1020.7	1
PRESSURE	959.8	0	PRESSURE	992.0	0	PRESSURE	1021.4	0
PRESSURE	960.7	0	PRESSURE	993.0	0	PRESSURE	1022.2	0
PRESSURE	961.6	0	PRESSURE	993.8	0	PRESSURE	1023.2	0
PRESSURE	962.4	0	PRESSURE	994.8	0	PRESSURE	1023.8	0
PRESSURE	963.3	0	PRESSURE	995.8	0	PRESSURE	1024.1	0
PRESSURE	964.2	0	PRESSURE	996.7	0	PRESSURE	1024.7	0
PRESSURE	964.9	0	PRESSURE	997.5	0	PRESSURE	1025.8	0
PRESSURE	965.7	0	PRESSURE	998.2	0	PRESSURE	1026.2	0
PRESSURE	966.5	0	PRESSURE	998.4	0	PRESSURE	1026.8	0
PRESSURE	967.4	0	PRESSURE	999.0	0	PRESSURE	1027.8	0
PRESSURE	968.4	0	PRESSURE	1000.2	0	PRESSURE	1028.9	0
PRESSURE	969.2	0	PRESSURE	1000.8	0	PRESSURE	1029.8	0
PRESSURE	969.4	0	PRESSURE	1001.5	0	PRESSURE	1030.4	0
PRESSURE	969.7	0	PRESSURE	1002.4	0	PRESSURE	1031.4	0
PRESSURE	971.2	0	PRESSURE	1003.3	0	PRESSURE	1032.3	0
PRESSURE	972.7	0	PRESSURE	1004.1	0	PRESSURE	1033.2	0
PRESSURE	973.4	0	PRESSURE	1005.0	0	PRESSURE	1034.0	0
PRESSURE	974.6	1	PRESSURE	1006.0	0	PRESSURE	1035.0	0
PRESSURE	975.8	0	PRESSURE	1006.8	0	PRESSURE	1035.9	0
PRESSURE	977.0	0	PRESSURE	1007.7	0	PRESSURE	1036.2	0
PRESSURE	978.3	0	PRESSURE	1008.6	1	PRESSURE	1036.6	0
PRESSURE	979.7	0	PRESSURE	1009.5	3	PRESSURE	1037.7	0
PRESSURE	980.4	1	PRESSURE	1010.4	2	PRESSURE	1038.6	0
PRESSURE	981.4	0	PRESSURE	1011.2	6	PRESSURE	1039.5	0
PRESSURE	982.3	0	PRESSURE	1011.6	1	PRESSURE	1040.2	0
PRESSURE	983.2	0	PRESSURE	1012.2	15	PRESSURE	1000.0	0

JULY 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.8	30	WIND SPEED	36.3	0	WIND SPEED	66.0	0
WIND SPEED	4.3	35	WIND SPEED	36.4	0	WIND SPEED	67.5	0
WIND SPEED	6.3	42	WIND SPEED	38.6	0	WIND SPEED	69.3	0
WIND SPEED	8.2	32	WIND SPEED	40.8	0	WIND SPEED	70.9	0
WIND SPEED	10.1	33	WIND SPEED	41.8	0	WIND SPEED	73.0	0
WIND SPEED	11.4	14	WIND SPEED	43.3	0	WIND SPEED	74.6	0
WIND SPEED	11.6	4	WIND SPEED	45.0	0	WIND SPEED	76.5	0
WIND SPEED	12.8	9	WIND SPEED	46.6	0	WIND SPEED	78.4	0
WIND SPEED	15.2	2	WIND SPEED	48.5	0	WIND SPEED	80.5	0
WIND SPEED	16.2	0	WIND SPEED	50.1	0	WIND SPEED	81.9	0
WIND SPEED	17.3	0	WIND SPEED	51.4	0	WIND SPEED	83.4	0
WIND SPEED	18.8	0	WIND SPEED	53.1	0	WIND SPEED	84.6	0
WIND SPEED	20.5	0	WIND SPEED	54.8	0	WIND SPEED	85.0	0
WIND SPEED	22.3	0	WIND SPEED	56.6	0	WIND SPEED	86.1	0
WIND SPEED	24.2	0	WIND SPEED	58.4	0	WIND SPEED	88.0	0
WIND SPEED	26.2	0	WIND SPEED	60.1	0	WIND SPEED	89.1	0
WIND SPEED	27.6	0	WIND SPEED	60.3	0	WIND SPEED	90.3	0
WIND SPEED	29.4	0	WIND SPEED	61.4	0	WIND SPEED	92.2	0
WIND SPEED	31.0	0	WIND SPEED	63.7	0	WIND SPEED	93.8	0
WIND SPEED	32.8	0	WIND SPEED	64.8	0	WIND SPEED	95.3	0
WIND SPEED	34.8	0				WIND SPEED	97.0	0

JULY 1970 FCC NEW ORLEANS

NOMAD BUUY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

DIRECTION	6.0	0	DIRECTION	131.0	2	DIRECTION	251.0	0
DIRECTION	11.0	0	DIRECTION	134.0	3	DIRECTION	254.0	0
DIRECTION	16.0	0	DIRECTION	138.0	4	DIRECTION	257.0	2
DIRECTION	19.0	0	DIRECTION	141.0	3	DIRECTION	261.0	0
DIRECTION	22.0	2	DIRECTION	144.0	1	DIRECTION	264.0	1
DIRECTION	25.0	1	DIRECTION	144.0	0	DIRECTION	267.0	1
DIRECTION	29.0	0	DIRECTION	147.0	1	DIRECTION	271.0	0
DIRECTION	30.0	3	DIRECTION	151.0	2	DIRECTION	274.0	1
DIRECTION	34.0	1	DIRECTION	153.0	0	DIRECTION	277.0	0
DIRECTION	38.0	5	DIRECTION	155.0	0	DIRECTION	280.0	1
DIRECTION	42.0	2	DIRECTION	158.0	1	DIRECTION	283.0	1
DIRECTION	46.0	7	DIRECTION	162.0	2	DIRECTION	287.0	1
DIRECTION	49.0	4	DIRECTION	165.0	1	DIRECTION	289.0	0
DIRECTION	49.0	0	DIRECTION	169.0	1	DIRECTION	290.0	0
DIRECTION	51.0	5	DIRECTION	173.0	0	DIRECTION	293.0	0
DIRECTION	56.0	4	DIRECTION	176.0	2	DIRECTION	297.0	0
DIRECTION	58.0	1	DIRECTION	180.0	1	DIRECTION	299.0	0
DIRECTION	60.0	4	DIRECTION	184.0	0	DIRECTION	301.0	0
DIRECTION	63.0	4	DIRECTION	186.0	1	DIRECTION	304.0	0
DIRECTION	66.0	7	DIRECTION	189.0	1	DIRECTION	309.0	0
DIRECTION	70.0	1	DIRECTION	192.0	1	DIRECTION	312.0	1
DIRECTION	74.0	5	DIRECTION	193.0	0	DIRECTION	314.0	0
DIRECTION	77.0	3	DIRECTION	194.0	0	DIRECTION	319.0	0
DIRECTION	80.0	8	DIRECTION	198.0	0	DIRECTION	322.0	0
DIRECTION	83.0	12	DIRECTION	201.0	0	DIRECTION	325.0	1
DIRECTION	87.0	5	DIRECTION	204.0	1	DIRECTION	328.0	0
DIRECTION	91.0	7	DIRECTION	207.0	4	DIRECTION	331.0	0
DIRECTION	95.0	13	DIRECTION	210.0	1	DIRECTION	335.0	0
DIRECTION	98.0	9	DIRECTION	213.0	1	DIRECTION	335.0	0
DIRECTION	98.0	0	DIRECTION	216.0	2	DIRECTION	337.0	0
DIRECTION	99.0	7	DIRECTION	220.0	0	DIRECTION	343.0	1
DIRECTION	103.0	10	DIRECTION	224.0	0	DIRECTION	345.0	0
DIRECTION	107.0	1	DIRECTION	227.0	1	DIRECTION	348.0	0
DIRECTION	109.0	10	DIRECTION	231.0	0	DIRECTION	350.0	0
DIRECTION	113.0	7	DIRECTION	234.0	0	DIRECTION	351.0	0
DIRECTION	116.0	10	DIRECTION	238.0	1	DIRECTION	355.0	0
DIRECTION	119.0	4	DIRECTION	241.0	2	DIRECTION	357.0	1
DIRECTION	122.0	4	DIRECTION	242.0	0	DIRECTION	0.0	0
DIRECTION	126.0	5	DIRECTION	245.0	1	DIRECTION	4.0	0
DIRECTION	127.0	5	DIRECTION	248.0	1	DIRECTION	9.9	0

AUGUST 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

AIR TEMP	99.2	0	AIR TEMP	66.7	0	AIR TEMP	38.0	0
AIR TEMP	97.8	0	AIR TEMP	66.1	0	AIR TEMP	37.0	0
AIR TEMP	96.6	0	AIR TEMP	64.9	0	AIR TEMP	36.2	0
AIR TEMP	95.4	0	AIR TEMP	64.3	0	AIR TEMP	35.2	0
AIR TEMP	94.6	0	AIR TEMP	63.8	0	AIR TEMP	34.4	0
AIR TEMP	94.4	0	AIR TEMP	62.9	0	AIR TEMP	33.5	0
AIR TEMP	93.6	0	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	92.3	1	AIR TEMP	61.2	0	AIR TEMP	32.1	0
AIR TEMP	91.6	0	AIR TEMP	60.3	0	AIR TEMP	31.2	0
AIR TEMP	90.8	1	AIR TEMP	59.3	0	AIR TEMP	30.4	0
AIR TEMP	89.7	2	AIR TEMP	58.4	0	AIR TEMP	29.8	0
AIR TEMP	88.7	7	AIR TEMP	57.3	0	AIR TEMP	29.5	0
AIR TEMP	87.8	12	AIR TEMP	56.4	0	AIR TEMP	28.9	0
AIR TEMP	86.6	33	AIR TEMP	55.5	0	AIR TEMP	28.0	0
AIR TEMP	85.5	31	AIR TEMP	54.6	0	AIR TEMP	27.6	0
AIR TEMP	84.6	63	AIR TEMP	54.0	0	AIR TEMP	27.0	0
AIR TEMP	83.7	25	AIR TEMP	53.8	0	AIR TEMP	26.1	0
AIR TEMP	82.8	22	AIR TEMP	53.3	0	AIR TEMP	25.2	0
AIR TEMP	81.8	3	AIR TEMP	52.2	0	AIR TEMP	24.2	0
AIR TEMP	80.6	5	AIR TEMP	51.7	0	AIR TEMP	23.4	0
AIR TEMP	79.8	1	AIR TEMP	51.0	0	AIR TEMP	22.4	0
AIR TEMP	79.7	0	AIR TEMP	50.2	0	AIR TEMP	21.5	0
AIR TEMP	79.6	1	AIR TEMP	49.4	0	AIR TEMP	20.5	0
AIR TEMP	78.4	0	AIR TEMP	48.6	0	AIR TEMP	19.6	0
AIR TEMP	77.3	0	AIR TEMP	47.8	0	AIR TEMP	18.5	0
AIR TEMP	76.7	0	AIR TEMP	46.8	0	AIR TEMP	17.3	0
AIR TEMP	75.7	0	AIR TEMP	46.0	0	AIR TEMP	17.1	0
AIR TEMP	74.7	0	AIR TEMP	45.3	0	AIR TEMP	16.5	0
AIR TEMP	73.8	0	AIR TEMP	44.4	0	AIR TEMP	15.5	0
AIR TEMP	72.8	0	AIR TEMP	43.5	0	AIR TEMP	14.3	0
AIR TEMP	71.8	0	AIR TEMP	42.7	0	AIR TEMP	12.9	0
AIR TEMP	71.2	0	AIR TEMP	42.0	0	AIR TEMP	12.1	0
AIR TEMP	70.2	0	AIR TEMP	41.4	0	AIR TEMP	11.6	0
AIR TEMP	69.4	0	AIR TEMP	41.0	0	AIR TEMP	10.1	0
AIR TEMP	68.5	0	AIR TEMP	40.1	0	AIR TEMP	9.0	0
AIR TEMP	67.5	0	AIR TEMP	39.5	0	AIR TEMP	7.9	0
AIR TEMP	66.7	0	AIR TEMP	38.9	0	AIR TEMP	6.6	0

AUGUST 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H20 TEMP	99.8	0	H20 TEMP	84.9	21	H20 TEMP	73.9	0
H20 TEMP	99.2	0	H20 TEMP	84.4	26	H20 TEMP	73.5	0
H20 TEMP	98.7	0	H20 TEMP	84.2	17	H20 TEMP	73.2	0
H20 TEMP	98.6	0	H20 TEMP	84.1	0	H20 TEMP	73.1	0
H20 TEMP	98.2	0	H20 TEMP	83.8	5	H20 TEMP	72.8	0
H20 TEMP	97.8	0	H20 TEMP	83.3	3	H20 TEMP	72.4	0
H20 TEMP	96.9	0	H20 TEMP	83.2	0	H20 TEMP	72.2	0
H20 TEMP	96.5	0	H20 TEMP	82.8	2	H20 TEMP	71.9	0
H20 TEMP	95.8	0	H20 TEMP	82.5	5	H20 TEMP	71.6	0
H20 TEMP	95.3	0	H20 TEMP	82.2	6	H20 TEMP	71.3	0
H20 TEMP	94.7	0	H20 TEMP	81.7	5	H20 TEMP	70.8	0
H20 TEMP	94.2	0	H20 TEMP	81.3	0	H20 TEMP	70.5	0
H20 TEMP	93.7	0	H20 TEMP	80.8	0	H20 TEMP	70.2	0
H20 TEMP	93.1	0	H20 TEMP	80.5	0	H20 TEMP	69.8	0
H20 TEMP	92.5	0	H20 TEMP	80.1	0	H20 TEMP	69.5	0
H20 TEMP	92.2	0	H20 TEMP	79.6	0	H20 TEMP	69.3	0
H20 TEMP	91.4	0	H20 TEMP	79.3	0	H20 TEMP	68.9	0
H20 TEMP	90.8	0	H20 TEMP	78.9	0	H20 TEMP	68.6	0
H20 TEMP	90.4	0	H20 TEMP	78.6	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	H20 TEMP	78.5	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	H20 TEMP	78.3	0	H20 TEMP	68.0	0
H20 TEMP	89.6	0	H20 TEMP	77.8	0	H20 TEMP	67.7	0
H20 TEMP	89.2	0	H20 TEMP	77.5	0	H20 TEMP	67.5	0
H20 TEMP	88.8	1	H20 TEMP	77.3	0	H20 TEMP	67.3	0
H20 TEMP	88.3	2	H20 TEMP	76.8	0	H20 TEMP	66.9	0
H20 TEMP	88.0	2	H20 TEMP	76.4	0	H20 TEMP	66.5	0
H20 TEMP	87.5	2	H20 TEMP	76.2	0	H20 TEMP	66.2	0
H20 TEMP	87.1	12	H20 TEMP	75.8	0	H20 TEMP	65.9	0
H20 TEMP	86.7	10	H20 TEMP	75.3	0	H20 TEMP	65.7	0
H20 TEMP	86.3	50	H20 TEMP	74.9	0	H20 TEMP	65.3	0
H20 TEMP	85.8	16	H20 TEMP	74.7	0	H20 TEMP	64.9	0
H20 TEMP	85.3	18	H20 TEMP	74.3	0	H20 TEMP	0.0	0

AUGUST 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	950.3	0	PRESSURE	984.3	0	PRESSURE	1013.3	27
PRESSURE	951.4	0	PRESSURE	985.1	0	PRESSURE	1013.9	3
PRESSURE	952.7	0	PRESSURE	985.2	0	PRESSURE	1014.4	21
PRESSURE	953.8	0	PRESSURE	987.1	0	PRESSURE	1015.3	37
PRESSURE	955.2	0	PRESSURE	987.6	0	PRESSURE	1016.2	11
PRESSURE	955.8	0	PRESSURE	988.2	0	PRESSURE	1017.1	10
PRESSURE	956.1	0	PRESSURE	989.1	0	PRESSURE	1017.9	3
PRESSURE	956.8	0	PRESSURE	990.0	0	PRESSURE	1018.9	0
PRESSURE	958.3	0	PRESSURE	990.9	0	PRESSURE	1019.8	0
PRESSURE	958.9	0	PRESSURE	992.0	0	PRESSURE	1020.7	0
PRESSURE	959.8	0	PRESSURE	993.0	0	PRESSURE	1021.4	1
PRESSURE	960.7	0	PRESSURE	993.8	0	PRESSURE	1022.2	0
PRESSURE	961.6	0	PRESSURE	994.8	0	PRESSURE	1023.2	1
PRESSURE	962.4	0	PRESSURE	995.8	0	PRESSURE	1023.8	0
PRESSURE	963.3	0	PRESSURE	996.7	0	PRESSURE	1024.1	0
PRESSURE	964.2	0	PRESSURE	997.5	0	PRESSURE	1024.7	0
PRESSURE	964.9	0	PRESSURE	998.2	0	PRESSURE	1025.8	0
PRESSURE	965.7	0	PRESSURE	998.4	0	PRESSURE	1026.2	0
PRESSURE	966.5	0	PRESSURE	999.0	0	PRESSURE	1026.8	0
PRESSURE	967.4	0	PRESSURE	1000.2	0	PRESSURE	1027.8	0
PRESSURE	968.4	0	PRESSURE	1000.8	0	PRESSURE	1028.9	0
PRESSURE	969.2	0	PRESSURE	1001.5	0	PRESSURE	1029.8	0
PRESSURE	969.4	0	PRESSURE	1002.4	0	PRESSURE	1030.4	0
PRESSURE	969.7	0	PRESSURE	1003.3	0	PRESSURE	1031.4	0
PRESSURE	971.2	0	PRESSURE	1004.1	1	PRESSURE	1032.3	0
PRESSURE	972.7	0	PRESSURE	1005.0	0	PRESSURE	1033.2	0
PRESSURE	973.4	0	PRESSURE	1006.0	0	PRESSURE	1034.0	0
PRESSURE	974.6	0	PRESSURE	1007.7	1	PRESSURE	1035.0	0
PRESSURE	975.8	0	PRESSURE	1008.6	2	PRESSURE	1035.9	0
PRESSURE	977.0	0	PRESSURE	1009.5	1	PRESSURE	1036.2	0
PRESSURE	978.3	0	PRESSURE	1010.4	2	PRESSURE	1036.6	0
PRESSURE	979.7	0	PRESSURE	1011.2	7	PRESSURE	1037.7	0
PRESSURE	980.4	0	PRESSURE	1011.6	14	PRESSURE	1038.6	0
PRESSURE	981.4	0	PRESSURE	1012.2	13	PRESSURE	1039.5	0
PRESSURE	982.3	0	PRESSURE		2	PRESSURE	1040.2	0
PRESSURE	983.2	0	PRESSURE		46	PRESSURE	1000.0	0

AUGUST 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.8	29	WIND SPEED	36.3	0	WIND SPEED	66.0	0
WIND SPEED	4.3	31	WIND SPEED	36.4	0	WIND SPEED	67.5	0
WIND SPEED	6.2	23	WIND SPEED	36.6	1	WIND SPEED	69.3	0
WIND SPEED	8.2	13	WIND SPEED	38.8	0	WIND SPEED	70.9	0
WIND SPEED	10.1	33	WIND SPEED	40.8	0	WIND SPEED	73.0	0
WIND SPEED	11.4	12	WIND SPEED	41.8	0	WIND SPEED	74.6	0
WIND SPEED	11.6	2	WIND SPEED	43.3	0	WIND SPEED	76.5	0
WIND SPEED	12.8	17	WIND SPEED	45.0	0	WIND SPEED	78.4	0
WIND SPEED	15.2	5	WIND SPEED	46.6	0	WIND SPEED	80.5	0
WIND SPEED	16.2	2	WIND SPEED	48.5	0	WIND SPEED	81.9	0
WIND SPEED	17.3	3	WIND SPEED	50.1	0	WIND SPEED	83.4	0
WIND SPEED	18.8	3	WIND SPEED	51.4	0	WIND SPEED	84.6	0
WIND SPEED	20.5	2	WIND SPEED	53.1	0	WIND SPEED	85.0	0
WIND SPEED	22.3	1	WIND SPEED	54.8	0	WIND SPEED	86.1	0
WIND SPEED	24.2	1	WIND SPEED	56.6	0	WIND SPEED	88.0	0
WIND SPEED	26.2	0	WIND SPEED	58.4	0	WIND SPEED	89.1	0
WIND SPEED	27.6	0	WIND SPEED	60.1	0	WIND SPEED	90.3	0
WIND SPEED	29.4	0	WIND SPEED	60.3	0	WIND SPEED	92.2	0
WIND SPEED	31.0	0	WIND SPEED	61.4	0	WIND SPEED	93.8	0
WIND SPEED	32.8	0	WIND SPEED	63.7	0	WIND SPEED	95.3	0
WIND SPEED	34.8	0	WIND SPEED	64.8	0	WIND SPEED	97.0	0

DIRECTION	6.0	0	DIRECTION	131.0	2	DIRECTION	251.0	0
DIRECTION	11.0	0	DIRECTION	134.0	2	DIRECTION	254.0	0
DIRECTION	16.0	1	DIRECTION	138.0	0	DIRECTION	257.0	1
DIRECTION	19.0	0	DIRECTION	141.0	5	DIRECTION	261.0	1
DIRECTION	22.0	2	DIRECTION	144.0	2	DIRECTION	264.0	1
DIRECTION	25.0	0	DIRECTION	147.0	0	DIRECTION	267.0	1
DIRECTION	29.0	0	DIRECTION	151.0	4	DIRECTION	271.0	1
DIRECTION	30.0	0	DIRECTION	153.0	0	DIRECTION	274.0	2
DIRECTION	34.0	6	DIRECTION	155.0	0	DIRECTION	277.0	2
DIRECTION	38.0	1	DIRECTION	158.0	1	DIRECTION	280.0	2
DIRECTION	42.0	4	DIRECTION	162.0	2	DIRECTION	283.0	0
DIRECTION	46.0	0	DIRECTION	165.0	4	DIRECTION	287.0	3
DIRECTION	49.0	4	DIRECTION	169.0	2	DIRECTION	289.0	0
DIRECTION	49.0	0	DIRECTION	173.0	0	DIRECTION	290.0	0
DIRECTION	51.0	0	DIRECTION	176.0	1	DIRECTION	293.0	0
DIRECTION	56.0	3	DIRECTION	180.0	2	DIRECTION	297.0	0
DIRECTION	58.0	1	DIRECTION	184.0	2	DIRECTION	299.0	0
DIRECTION	60.0	2	DIRECTION	186.0	4	DIRECTION	301.0	0
DIRECTION	63.0	3	DIRECTION	189.0	2	DIRECTION	304.0	0
DIRECTION	66.0	2	DIRECTION	192.0	3	DIRECTION	309.0	0
DIRECTION	70.0	2	DIRECTION	193.0	1	DIRECTION	312.0	2
DIRECTION	74.0	3	DIRECTION	194.0	4	DIRECTION	314.0	0
DIRECTION	77.0	3	DIRECTION	198.0	4	DIRECTION	319.0	0
DIRECTION	80.0	3	DIRECTION	198.0	4	DIRECTION	322.0	1
DIRECTION	83.0	5	DIRECTION	201.0	0	DIRECTION	325.0	0
DIRECTION	87.0	2	DIRECTION	204.0	1	DIRECTION	328.0	1
DIRECTION	91.0	1	DIRECTION	207.0	4	DIRECTION	331.0	0
DIRECTION	95.0	6	DIRECTION	210.0	2	DIRECTION	335.0	0
DIRECTION	98.0	5	DIRECTION	213.0	3	DIRECTION	335.0	0
DIRECTION	98.0	0	DIRECTION	216.0	3	DIRECTION	337.0	0
DIRECTION	99.0	5	DIRECTION	220.0	3	DIRECTION	343.0	0
DIRECTION	103.0	2	DIRECTION	224.0	10	DIRECTION	345.0	0
DIRECTION	107.0	0	DIRECTION	227.0	1	DIRECTION	348.0	0
DIRECTION	109.0	5	DIRECTION	231.0	4	DIRECTION	350.0	1
DIRECTION	113.0	3	DIRECTION	234.0	4	DIRECTION	351.0	1
DIRECTION	116.0	5	DIRECTION	238.0	0	DIRECTION	355.0	0
DIRECTION	119.0	6	DIRECTION	241.0	2	DIRECTION	357.0	0
DIRECTION	122.0	5	DIRECTION	242.0	0	DIRECTION	0.0	0
DIRECTION	126.0	3	DIRECTION	245.0	1	DIRECTION	4.0	0
DIRECTION	127.0	6	DIRECTION	248.0	2	DIRECTION	0.0	0

SEPTEMBER 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY N5E

FREQUENCY DISTRIBUTION

AIR TEMP	99.2	0	AIR TEMP	66.7	0	AIR TEMP	38.0	0
AIR TEMP	97.8	1	AIR TEMP	66.1	0	AIR TEMP	37.0	0
AIR TEMP	96.6	0	AIR TEMP	64.9	0	AIR TEMP	36.2	0
AIR TEMP	95.4	0	AIR TEMP	64.3	0	AIR TEMP	35.2	0
AIR TEMP	94.6	0	AIR TEMP	63.8	0	AIR TEMP	34.4	0
AIR TEMP	94.4	0	AIR TEMP	62.9	0	AIR TEMP	33.5	0
AIR TEMP	93.6	0	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	92.3	0	AIR TEMP	61.2	0	AIR TEMP	32.1	0
AIR TEMP	91.6	0	AIR TEMP	60.3	0	AIR TEMP	31.2	0
AIR TEMP	90.8	0	AIR TEMP	59.3	0	AIR TEMP	30.4	0
AIR TEMP	89.7	0	AIR TEMP	58.4	0	AIR TEMP	29.8	0
AIR TEMP	88.7	1	AIR TEMP	57.3	0	AIR TEMP	29.5	0
AIR TEMP	87.8	7	AIR TEMP	56.4	0	AIR TEMP	28.9	0
AIR TEMP	86.6	38	AIR TEMP	55.5	0	AIR TEMP	28.0	0
AIR TEMP	85.5	56	AIR TEMP	54.6	0	AIR TEMP	27.6	0
AIR TEMP	84.6	72	AIR TEMP	54.0	0	AIR TEMP	27.0	0
AIR TEMP	83.7	26	AIR TEMP	53.8	0	AIR TEMP	26.1	0
AIR TEMP	82.8	9	AIR TEMP	53.3	0	AIR TEMP	25.2	0
AIR TEMP	81.8	2	AIR TEMP	52.2	0	AIR TEMP	24.2	0
AIR TEMP	80.6	2	AIR TEMP	51.7	0	AIR TEMP	23.4	0
AIR TEMP	79.8	0	AIR TEMP	51.0	0	AIR TEMP	22.4	0
AIR TEMP	79.7	0	AIR TEMP	50.2	0	AIR TEMP	21.5	0
AIR TEMP	79.6	0	AIR TEMP	49.4	0	AIR TEMP	20.5	0
AIR TEMP	78.4	0	AIR TEMP	48.6	0	AIR TEMP	19.6	0
AIR TEMP	77.3	0	AIR TEMP	47.8	0	AIR TEMP	18.5	0
AIR TEMP	76.7	0	AIR TEMP	46.8	0	AIR TEMP	17.3	0
AIR TEMP	75.7	0	AIR TEMP	46.0	0	AIR TEMP	17.1	0
AIR TEMP	74.7	0	AIR TEMP	45.3	0	AIR TEMP	16.5	0
AIR TEMP	73.8	0	AIR TEMP	44.4	0	AIR TEMP	15.5	0
AIR TEMP	72.8	0	AIR TEMP	43.5	0	AIR TEMP	14.3	0
AIR TEMP	71.8	0	AIR TEMP	42.7	0	AIR TEMP	12.9	0
AIR TEMP	71.2	0	AIR TEMP	42.0	0	AIR TEMP	12.1	0
AIR TEMP	70.2	0	AIR TEMP	41.4	0	AIR TEMP	11.6	0
AIR TEMP	69.4	0	AIR TEMP	41.0	0	AIR TEMP	10.1	0
AIR TEMP	68.5	0	AIR TEMP	40.1	0	AIR TEMP	9.0	0
AIR TEMP	67.5	0	AIR TEMP	39.5	0	AIR TEMP	7.9	0
AIR TEMP	66.7	0	AIR TEMP	38.9	0	AIR TEMP	6.6	0

SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H20 TEMP	99.8	0	H20 TEMP	84.9	20	H20 TEMP	73.9	0
H20 TEMP	99.2	0	H20 TEMP	84.4	25	H20 TEMP	73.5	0
H20 TEMP	98.7	0	H20 TEMP	84.2	30	H20 TEMP	73.2	1
H20 TEMP	98.6	0	H20 TEMP	84.1	1	H20 TEMP	73.1	0
H20 TEMP	98.2	0	H20 TEMP	83.8	10	H20 TEMP	72.8	0
H20 TEMP	97.8	0	H20 TEMP	83.3	6	H20 TEMP	72.4	0
H20 TEMP	96.9	0	H20 TEMP	83.2	0	H20 TEMP	72.2	0
H20 TEMP	96.5	0	H20 TEMP	82.8	1	H20 TEMP	71.9	0
H20 TEMP	95.8	0	H20 TEMP	82.5	0	H20 TEMP	71.6	0
H20 TEMP	95.3	0	H20 TEMP	82.2	0	H20 TEMP	71.3	0
H20 TEMP	94.7	0	H20 TEMP	81.7	0	H20 TEMP	70.8	0
H20 TEMP	94.2	0	H20 TEMP	81.3	0	H20 TEMP	70.5	0
H20 TEMP	93.7	0	H20 TEMP	80.8	0	H20 TEMP	70.2	0
H20 TEMP	93.1	0	H20 TEMP	80.5	0	H20 TEMP	69.8	0
H20 TEMP	92.5	0	H20 TEMP	80.1	0	H20 TEMP	69.5	0
H20 TEMP	92.2	0	H20 TEMP	79.6	0	H20 TEMP	69.3	0
H20 TEMP	91.4	0	H20 TEMP	79.3	0	H20 TEMP	68.9	0
H20 TEMP	90.8	0	H20 TEMP	78.9	0	H20 TEMP	68.6	0
H20 TEMP	90.4	0	H20 TEMP	78.6	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	H20 TEMP	78.5	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	H20 TEMP	78.3	0	H20 TEMP	68.0	0
H20 TEMP	89.6	0	H20 TEMP	77.8	0	H20 TEMP	67.7	0
H20 TEMP	89.2	0	H20 TEMP	77.5	0	H20 TEMP	67.5	0
H20 TEMP	88.8	0	H20 TEMP	77.3	0	H20 TEMP	67.3	0
H20 TEMP	88.3	0	H20 TEMP	76.8	0	H20 TEMP	66.9	0
H20 TEMP	88.0	1	H20 TEMP	76.4	0	H20 TEMP	66.5	0
H20 TEMP	87.5	0	H20 TEMP	76.2	0	H20 TEMP	66.2	0
H20 TEMP	87.1	0	H20 TEMP	75.8	0	H20 TEMP	65.9	0
H20 TEMP	86.7	2	H20 TEMP	75.3	0	H20 TEMP	65.7	0
H20 TEMP	86.3	23	H20 TEMP	74.9	0	H20 TEMP	65.3	0
H20 TEMP	85.8	33	H20 TEMP	74.7	0	H20 TEMP	64.9	0
H20 TEMP	85.3	49	H20 TEMP	74.3	0	H20 TEMP	0.0	0

SEPTEMBER 1970 FCC NEW ORLEANS NOMAD BUOY N5E 25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	950.3	0	PRESSURE	984.3	0	PRESSURE	1013.3	36
PRESSURE	951.4	0	PRESSURE	985.1	0	PRESSURE	1013.9	0
PRESSURE	952.7	0	PRESSURE	985.2	0	PRESSURE	1014.4	24
PRESSURE	953.8	0	PRESSURE	985.8	0	PRESSURE	1015.3	30
PRESSURE	955.2	4	PRESSURE	987.1	0	PRESSURE	1016.2	14
PRESSURE	955.8	0	PRESSURE	987.6	0	PRESSURE	1017.1	16
PRESSURE	956.1	0	PRESSURE	988.2	0	PRESSURE	1017.9	2
PRESSURE	956.8	0	PRESSURE	989.1	0	PRESSURE	1018.9	0
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1019.8	0
PRESSURE	958.9	0	PRESSURE	990.9	0	PRESSURE	1020.7	0
PRESSURE	959.8	0	PRESSURE	992.0	0	PRESSURE	1021.4	0
PRESSURE	960.7	0	PRESSURE	993.0	0	PRESSURE	1022.2	0
PRESSURE	961.6	0	PRESSURE	993.8	0	PRESSURE	1023.2	0
PRESSURE	962.4	0	PRESSURE	994.8	0	PRESSURE	1023.8	1
PRESSURE	963.3	0	PRESSURE	995.8	0	PRESSURE	1024.1	0
PRESSURE	964.2	0	PRESSURE	996.7	0	PRESSURE	1024.7	0
PRESSURE	964.9	0	PRESSURE	997.5	0	PRESSURE	1025.8	0
PRESSURE	965.7	0	PRESSURE	998.2	0	PRESSURE	1026.2	0
PRESSURE	966.5	0	PRESSURE	998.4	0	PRESSURE	1026.8	0
PRESSURE	967.4	0	PRESSURE	999.0	1	PRESSURE	1027.8	0
PRESSURE	968.4	0	PRESSURE	1000.2	0	PRESSURE	1028.9	0
PRESSURE	969.2	0	PRESSURE	1000.8	1	PRESSURE	1029.8	0
PRESSURE	969.4	0	PRESSURE	1001.5	0	PRESSURE	1030.4	0
PRESSURE	969.7	0	PRESSURE	1002.4	0	PRESSURE	1031.4	0
PRESSURE	971.2	0	PRESSURE	1003.3	0	PRESSURE	1032.3	0
PRESSURE	972.7	0	PRESSURE	1004.1	0	PRESSURE	1033.2	0
PRESSURE	973.4	0	PRESSURE	1005.0	0	PRESSURE	1034.0	0
PRESSURE	974.6	0	PRESSURE	1006.0	0	PRESSURE	1035.0	0
PRESSURE	975.8	0	PRESSURE	1006.8	2	PRESSURE	1035.9	1
PRESSURE	977.0	0	PRESSURE	1007.7	1	PRESSURE	1036.2	0
PRESSURE	978.3	0	PRESSURE	1008.6	2	PRESSURE	1036.6	0
PRESSURE	979.7	0	PRESSURE	1009.5	9	PRESSURE	1037.7	0
PRESSURE	980.4	0	PRESSURE	1010.4	11	PRESSURE	1038.6	0
PRESSURE	981.4	0	PRESSURE	1011.2	22	PRESSURE	1039.5	0
PRESSURE	982.3	0	PRESSURE	1011.6	2	PRESSURE	1040.2	0
PRESSURE	983.2	0	PRESSURE	1012.2	28	PRESSURE	1000.0	0

SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.8	12	WIND SPEED	35.3	0	WIND SPEED	66.0	0
WIND SPEED	4.3	17	WIND SPEED	36.4	0	WIND SPEED	67.5	0
WIND SPEED	6.3	28	WIND SPEED	36.6	0	WIND SPEED	69.3	0
WIND SPEED	8.2	31	WIND SPEED	38.8	0	WIND SPEED	70.9	0
WIND SPEED	10.1	47	WIND SPEED	40.8	0	WIND SPEED	73.0	0
WIND SPEED	11.4	28	WIND SPEED	41.8	0	WIND SPEED	74.6	0
WIND SPEED	11.6	8	WIND SPEED	43.3	0	WIND SPEED	76.5	0
WIND SPEED	12.8	15	WIND SPEED	45.0	0	WIND SPEED	78.4	0
WIND SPEED	15.2	9	WIND SPEED	46.6	0	WIND SPEED	80.5	0
WIND SPEED	16.2	1	WIND SPEED	48.5	0	WIND SPEED	81.9	0
WIND SPEED	17.3	7	WIND SPEED	50.1	0	WIND SPEED	83.4	0
WIND SPEED	18.8	4	WIND SPEED	51.4	0	WIND SPEED	84.6	0
WIND SPEED	20.5	1	WIND SPEED	53.1	0	WIND SPEED	85.0	0
WIND SPEED	22.3	2	WIND SPEED	54.8	0	WIND SPEED	86.1	0
WIND SPEED	24.2	0	WIND SPEED	56.6	0	WIND SPEED	88.0	0
WIND SPEED	26.2	1	WIND SPEED	58.4	0	WIND SPEED	89.1	0
WIND SPEED	27.6	0	WIND SPEED	60.1	0	WIND SPEED	90.3	0
WIND SPEED	29.4	0	WIND SPEED	60.3	0	WIND SPEED	92.2	0
WIND SPEED	31.0	0	WIND SPEED	61.4	0	WIND SPEED	93.8	0
WIND SPEED	32.8	0	WIND SPEED	63.7	0	WIND SPEED	95.3	0
WIND SPEED	34.8	0	WIND SPEED	64.8	0	WIND SPEED	97.0	0

FREQUENCY DISTRIBUTION

DIRECTION	6.0	1	DIRECTION	131.0	2	DIRECTION	251.0	0
DIRECTION	11.0	2	DIRECTION	134.0	1	DIRECTION	254.0	0
DIRECTION	16.0	4	DIRECTION	138.0	3	DIRECTION	257.0	0
DIRECTION	19.0	0	DIRECTION	141.0	2	DIRECTION	261.0	0
DIRECTION	22.0	2	DIRECTION	144.0	2	DIRECTION	264.0	0
DIRECTION	25.0	0	DIRECTION	144.0	0	DIRECTION	267.0	0
DIRECTION	29.0	0	DIRECTION	147.0	0	DIRECTION	271.0	0
DIRECTION	30.0	0	DIRECTION	151.0	2	DIRECTION	274.0	0
DIRECTION	34.0	0	DIRECTION	153.0	0	DIRECTION	277.0	0
DIRECTION	38.0	0	DIRECTION	155.0	2	DIRECTION	280.0	0
DIRECTION	42.0	1	DIRECTION	158.0	7	DIRECTION	283.0	0
DIRECTION	46.0	2	DIRECTION	162.0	4	DIRECTION	287.0	0
DIRECTION	49.0	3	DIRECTION	165.0	1	DIRECTION	289.0	0
DIRECTION	49.0	0	DIRECTION	169.0	1	DIRECTION	290.0	1
DIRECTION	51.0	5	DIRECTION	173.0	0	DIRECTION	293.0	1
DIRECTION	56.0	3	DIRECTION	176.0	0	DIRECTION	297.0	0
DIRECTION	58.0	0	DIRECTION	180.0	2	DIRECTION	299.0	0
DIRECTION	60.0	4	DIRECTION	184.0	0	DIRECTION	301.0	0
DIRECTION	63.0	0	DIRECTION	186.0	1	DIRECTION	304.0	0
DIRECTION	66.0	7	DIRECTION	189.0	0	DIRECTION	309.0	0
DIRECTION	70.0	6	DIRECTION	192.0	0	DIRECTION	312.0	0
DIRECTION	74.0	5	DIRECTION	193.0	0	DIRECTION	314.0	0
DIRECTION	77.0	8	DIRECTION	194.0	0	DIRECTION	319.0	1
DIRECTION	80.0	8	DIRECTION	198.0	0	DIRECTION	322.0	1
DIRECTION	83.0	8	DIRECTION	201.0	0	DIRECTION	325.0	0
DIRECTION	87.0	5	DIRECTION	204.0	0	DIRECTION	328.0	0
DIRECTION	91.0	5	DIRECTION	207.0	0	DIRECTION	331.0	0
DIRECTION	95.0	10	DIRECTION	210.0	0	DIRECTION	335.0	3
DIRECTION	98.0	9	DIRECTION	213.0	0	DIRECTION	335.0	0
DIRECTION	98.0	0	DIRECTION	216.0	0	DIRECTION	337.0	0
DIRECTION	99.0	8	DIRECTION	220.0	0	DIRECTION	343.0	0
DIRECTION	103.0	8	DIRECTION	224.0	0	DIRECTION	345.0	0
DIRECTION	107.0	0	DIRECTION	227.0	0	DIRECTION	348.0	0
DIRECTION	109.0	6	DIRECTION	231.0	0	DIRECTION	350.0	0
DIRECTION	113.0	11	DIRECTION	234.0	0	DIRECTION	351.0	1
DIRECTION	116.0	10	DIRECTION	236.0	0	DIRECTION	355.0	3
DIRECTION	119.0	13	DIRECTION	241.0	0	DIRECTION	357.0	1
DIRECTION	122.0	5	DIRECTION	242.0	0	DIRECTION	0.0	1
DIRECTION	126.0	2	DIRECTION	245.0	0	DIRECTION	4.0	0
DIRECTION	127.0	3	DIRECTION	248.0	0	DIRECTION	0.0	0

OCTOBER 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY N5E

FREQUENCY DISTRIBUTION

AIR TEMP	99.2	0	AIR TEMP	66.7	0	AIR TEMP	38.0	0
AIR TEMP	97.8	0	AIR TEMP	66.1	0	AIR TEMP	37.0	0
AIR TEMP	96.6	0	AIR TEMP	64.9	0	AIR TEMP	36.2	0
AIR TEMP	95.4	0	AIR TEMP	64.3	0	AIR TEMP	35.2	0
AIR TEMP	94.6	0	AIR TEMP	63.8	0	AIR TEMP	34.4	0
AIR TEMP	94.4	0	AIR TEMP	62.9	0	AIR TEMP	33.5	0
AIR TEMP	93.6	0	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	92.3	0	AIR TEMP	61.2	0	AIR TEMP	32.1	0
AIR TEMP	91.6	0	AIR TEMP	60.3	0	AIR TEMP	31.2	0
AIR TEMP	90.8	1	AIR TEMP	59.3	0	AIR TEMP	30.4	1
AIR TEMP	89.7	0	AIR TEMP	58.4	0	AIR TEMP	29.8	0
AIR TEMP	88.7	3	AIR TEMP	57.3	0	AIR TEMP	29.5	0
AIR TEMP	87.8	4	AIR TEMP	56.4	0	AIR TEMP	28.9	0
AIR TEMP	86.6	9	AIR TEMP	55.5	0	AIR TEMP	28.0	0
AIR TEMP	85.5	18	AIR TEMP	54.6	0	AIR TEMP	27.6	0
AIR TEMP	84.6	44	AIR TEMP	54.0	0	AIR TEMP	27.0	0
AIR TEMP	83.7	40	AIR TEMP	53.8	0	AIR TEMP	26.1	0
AIR TEMP	82.8	17	AIR TEMP	53.3	0	AIR TEMP	25.2	0
AIR TEMP	81.8	16	AIR TEMP	52.2	0	AIR TEMP	24.2	0
AIR TEMP	80.6	24	AIR TEMP	51.7	0	AIR TEMP	23.4	0
AIR TEMP	79.8	4	AIR TEMP	51.0	0	AIR TEMP	22.4	0
AIR TEMP	79.7	0	AIR TEMP	50.2	0	AIR TEMP	21.5	0
AIR TEMP	79.6	5	AIR TEMP	49.4	0	AIR TEMP	20.5	0
AIR TEMP	78.4	2	AIR TEMP	48.6	0	AIR TEMP	19.6	0
AIR TEMP	77.3	0	AIR TEMP	47.8	0	AIR TEMP	18.5	0
AIR TEMP	76.7	0	AIR TEMP	46.8	0	AIR TEMP	17.3	0
AIR TEMP	75.7	1	AIR TEMP	46.0	0	AIR TEMP	17.1	0
AIR TEMP	74.7	0	AIR TEMP	45.3	0	AIR TEMP	16.5	0
AIR TEMP	73.8	0	AIR TEMP	44.4	0	AIR TEMP	15.5	0
AIR TEMP	72.8	0	AIR TEMP	43.5	0	AIR TEMP	14.3	0
AIR TEMP	71.8	0	AIR TEMP	42.7	0	AIR TEMP	12.9	0
AIR TEMP	71.2	0	AIR TEMP	42.0	0	AIR TEMP	12.1	0
AIR TEMP	70.2	0	AIR TEMP	41.4	0	AIR TEMP	11.6	0
AIR TEMP	69.4	0	AIR TEMP	41.0	0	AIR TEMP	10.1	0
AIR TEMP	68.5	0	AIR TEMP	40.1	0	AIR TEMP	9.0	0
AIR TEMP	67.5	0	AIR TEMP	39.5	0	AIR TEMP	7.9	0
AIR TEMP	66.7	0	AIR TEMP	38.9	0	AIR TEMP	6.6	0

OCTOBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H20 TEMP	99.8	0	84.9	13	H20 TEMP	73.9	0
H20 TEMP	99.2	0	84.4	68	H20 TEMP	73.5	0
H20 TEMP	98.7	0	84.2	23	H20 TEMP	73.2	0
H20 TEMP	98.6	0	84.1	0	H20 TEMP	73.1	0
H20 TEMP	98.2	0	83.8	13	H20 TEMP	72.8	0
H20 TEMP	97.8	0	83.3	11	H20 TEMP	72.4	0
H20 TEMP	96.9	0	83.2	0	H20 TEMP	72.2	0
H20 TEMP	96.5	0	82.8	12	H20 TEMP	71.9	0
H20 TEMP	95.8	0	82.5	17	H20 TEMP	71.6	0
H20 TEMP	95.3	1	82.2	10	H20 TEMP	71.3	0
H20 TEMP	94.7	0	81.7	7	H20 TEMP	70.8	0
H20 TEMP	94.2	0	81.3	0	H20 TEMP	70.5	0
H20 TEMP	93.7	0	80.8	0	H20 TEMP	70.2	0
H20 TEMP	93.1	0	80.5	0	H20 TEMP	69.8	0
H20 TEMP	92.5	0	80.1	0	H20 TEMP	69.5	0
H20 TEMP	92.2	0	79.6	1	H20 TEMP	69.3	0
H20 TEMP	91.4	0	79.3	0	H20 TEMP	68.9	0
H20 TEMP	90.8	0	78.9	0	H20 TEMP	68.6	0
H20 TEMP	90.4	0	78.6	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	78.5	0	H20 TEMP	68.3	0
H20 TEMP	90.3	0	78.3	0	H20 TEMP	68.0	0
H20 TEMP	89.6	0	77.8	0	H20 TEMP	67.7	0
H20 TEMP	89.2	0	77.5	0	H20 TEMP	67.5	0
H20 TEMP	88.8	0	77.3	0	H20 TEMP	67.3	0
H20 TEMP	88.3	1	76.8	0	H20 TEMP	66.9	0
H20 TEMP	88.0	0	76.4	0	H20 TEMP	66.5	0
H20 TEMP	87.5	0	76.2	0	H20 TEMP	66.2	0
H20 TEMP	87.1	0	75.8	0	H20 TEMP	65.9	0
H20 TEMP	86.7	0	75.3	0	H20 TEMP	65.7	0
H20 TEMP	86.3	0	74.9	0	H20 TEMP	65.3	0
H20 TEMP	85.8	3	74.7	0	H20 TEMP	64.9	0
H20 TEMP	85.3	7	74.3	0	H20 TEMP	0.0	0

OCTOBER 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY NSE

FREQUENCY DISTRIBUTION

PRESSURE	950.3	0	PRESSURE	984.3	0	PRESSURE	1013.3	24
PRESSURE	951.4	0	PRESSURE	985.1	0	PRESSURE	1013.9	0.
PRESSURE	952.7	0	PRESSURE	985.2	0	PRESSURE	1014.4	23
PRESSURE	953.8	0	PRESSURE	987.1	0	PRESSURE	1015.3	27
PRESSURE	955.2	0	PRESSURE	987.6	0	PRESSURE	1016.2	11
PRESSURE	955.8	0	PRESSURE	988.2	0	PRESSURE	1017.1	2
PRESSURE	956.1	0	PRESSURE	989.1	0	PRESSURE	1017.9	3
PRESSURE	956.8	0	PRESSURE	990.0	0	PRESSURE	1018.9	1
PRESSURE	958.3	0	PRESSURE	990.9	0	PRESSURE	1019.8	2
PRESSURE	958.9	0	PRESSURE	992.0	0	PRESSURE	1020.7	0
PRESSURE	959.8	0	PRESSURE	993.0	0	PRESSURE	1021.4	1
PRESSURE	960.7	0	PRESSURE	993.8	0	PRESSURE	1022.2	0
PRESSURE	961.6	0	PRESSURE	994.8	0	PRESSURE	1023.2	0
PRESSURE	962.4	0	PRESSURE	995.8	0	PRESSURE	1023.8	0
PRESSURE	963.3	0	PRESSURE	996.7	0	PRESSURE	1024.1	0
PRESSURE	964.2	0	PRESSURE	997.5	0	PRESSURE	1024.7	0
PRESSURE	964.9	0	PRESSURE	998.2	0	PRESSURE	1025.8	0
PRESSURE	965.7	0	PRESSURE	998.4	0	PRESSURE	1026.2	0
PRESSURE	966.5	0	PRESSURE	999.0	0	PRESSURE	1026.8	0
PRESSURE	967.4	0	PRESSURE	1000.2	0	PRESSURE	1027.8	0
PRESSURE	968.4	0	PRESSURE	1000.8	0	PRESSURE	1028.9	0
PRESSURE	969.2	0	PRESSURE	1001.5	0	PRESSURE	1029.8	0
PRESSURE	969.4	0	PRESSURE	1002.4	0	PRESSURE	1030.4	0
PRESSURE	969.7	0	PRESSURE	1003.3	0	PRESSURE	1031.4	0
PRESSURE	971.2	0	PRESSURE	1004.1	0	PRESSURE	1032.3	0
PRESSURE	972.7	0	PRESSURE	1005.0	1	PRESSURE	1033.2	0
PRESSURE	973.4	0	PRESSURE	1006.0	1	PRESSURE	1034.0	0
PRESSURE	974.6	0	PRESSURE	1006.8	3	PRESSURE	1035.0	0
PRESSURE	975.8	0	PRESSURE	1007.7	4	PRESSURE	1035.9	0
PRESSURE	977.0	0	PRESSURE	1008.6	5	PRESSURE	1036.2	0
PRESSURE	978.3	0	PRESSURE	1009.5	14	PRESSURE	1036.6	0
PRESSURE	979.7	0	PRESSURE	1010.4	16	PRESSURE	1037.7	0
PRESSURE	980.4	0	PRESSURE	1011.2	22	PRESSURE	1038.6	0
PRESSURE	981.4	0	PRESSURE	1011.6	1	PRESSURE	1039.5	0
PRESSURE	982.3	0	PRESSURE	1012.2	32	PRESSURE	1040.2	0
PRESSURE	983.2	0				PRESSURE	1000.0	0

OCTOBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.8	15	WIND SPEED	36.3	0	WIND SPEED	66.0	0
WIND SPEED	4.3	30	WIND SPEED	36.4	0	WIND SPEED	67.5	0
WIND SPEED	6.3	27	WIND SPEED	36.6	0	WIND SPEED	69.3	0
WIND SPEED	8.2	18	WIND SPEED	38.8	0	WIND SPEED	70.9	0
WIND SPEED	10.1	32	WIND SPEED	40.8	0	WIND SPEED	73.0	0
WIND SPEED	11.4	17	WIND SPEED	41.8	0	WIND SPEED	74.6	0
WIND SPEED	11.6	9	WIND SPEED	43.3	0	WIND SPEED	76.5	0
WIND SPEED	12.8	12	WIND SPEED	45.0	0	WIND SPEED	78.4	0
WIND SPEED	15.2	10	WIND SPEED	46.6	0	WIND SPEED	80.5	0
WIND SPEED	16.2	1	WIND SPEED	48.5	0	WIND SPEED	81.9	0
WIND SPEED	17.3	3	WIND SPEED	50.1	0	WIND SPEED	83.4	0
WIND SPEED	18.8	2	WIND SPEED	51.4	0	WIND SPEED	84.6	0
WIND SPEED	20.5	1	WIND SPEED	53.1	0	WIND SPEED	85.0	0
WIND SPEED	22.3	0	WIND SPEED	54.8	0	WIND SPEED	86.1	0
WIND SPEED	24.2	0	WIND SPEED	56.6	0	WIND SPEED	88.0	0
WIND SPEED	26.2	0	WIND SPEED	58.4	0	WIND SPEED	89.1	0
WIND SPEED	27.6	0	WIND SPEED	60.1	0	WIND SPEED	90.3	0
WIND SPEED	29.4	0	WIND SPEED	60.3	0	WIND SPEED	92.2	0
WIND SPEED	31.0	0	WIND SPEED	61.4	0	WIND SPEED	93.8	0
WIND SPEED	32.8	0	WIND SPEED	63.7	0	WIND SPEED	95.3	0
WIND SPEED	34.8	0	WIND SPEED	64.8	0	WIND SPEED	97.0	0

OCTOBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

DIRECTION	6.0	0	DIRECTION	131.0	4	DIRECTION	251.0	0
DIRECTION	11.0	0	DIRECTION	134.0	3	DIRECTION	254.0	0
DIRECTION	16.0	0	DIRECTION	138.0	5	DIRECTION	257.0	3
DIRECTION	19.0	0	DIRECTION	141.0	1	DIRECTION	261.0	5
DIRECTION	22.0	2	DIRECTION	144.0	4	DIRECTION	264.0	3
DIRECTION	25.0	0	DIRECTION	147.0	0	DIRECTION	267.0	2
DIRECTION	29.0	0	DIRECTION	151.0	2	DIRECTION	271.0	1
DIRECTION	30.0	3	DIRECTION	153.0	6	DIRECTION	274.0	0
DIRECTION	34.0	0	DIRECTION	155.0	0	DIRECTION	277.0	1
DIRECTION	38.0	0	DIRECTION	156.0	10	DIRECTION	280.0	0
DIRECTION	42.0	1	DIRECTION	162.0	9	DIRECTION	283.0	0
DIRECTION	46.0	0	DIRECTION	165.0	8	DIRECTION	287.0	0
DIRECTION	49.0	1	DIRECTION	169.0	7	DIRECTION	289.0	0
DIRECTION	49.0	0	DIRECTION	173.0	8	DIRECTION	290.0	0
DIRECTION	51.0	0	DIRECTION	176.0	1	DIRECTION	293.0	0
DIRECTION	58.0	0	DIRECTION	180.0	1	DIRECTION	297.0	0
DIRECTION	58.0	0	DIRECTION	184.0	0	DIRECTION	299.0	0
DIRECTION	60.0	0	DIRECTION	186.0	2	DIRECTION	301.0	0
DIRECTION	63.0	0	DIRECTION	189.0	2	DIRECTION	304.0	0
DIRECTION	66.0	2	DIRECTION	192.0	0	DIRECTION	309.0	0
DIRECTION	70.0	1	DIRECTION	193.0	0	DIRECTION	312.0	1
DIRECTION	74.0	5	DIRECTION	194.0	0	DIRECTION	314.0	3
DIRECTION	77.0	2	DIRECTION	198.0	2	DIRECTION	319.0	1
DIRECTION	80.0	2	DIRECTION	201.0	0	DIRECTION	322.0	4
DIRECTION	83.0	4	DIRECTION	204.0	0	DIRECTION	325.0	0
DIRECTION	87.0	1	DIRECTION	207.0	1	DIRECTION	328.0	0
DIRECTION	91.0	2	DIRECTION	210.0	0	DIRECTION	331.0	0
DIRECTION	95.0	3	DIRECTION	213.0	1	DIRECTION	335.0	0
DIRECTION	98.0	0	DIRECTION	216.0	1	DIRECTION	335.0	0
DIRECTION	98.0	0	DIRECTION	220.0	0	DIRECTION	337.0	0
DIRECTION	99.0	5	DIRECTION	224.0	0	DIRECTION	343.0	1
DIRECTION	103.0	4	DIRECTION	227.0	0	DIRECTION	345.0	0
DIRECTION	107.0	0	DIRECTION	231.0	0	DIRECTION	348.0	1
DIRECTION	109.0	3	DIRECTION	234.0	1	DIRECTION	350.0	0
DIRECTION	113.0	8	DIRECTION	238.0	0	DIRECTION	351.0	0
DIRECTION	116.0	3	DIRECTION	241.0	0	DIRECTION	355.0	4
DIRECTION	119.0	9	DIRECTION	242.0	1	DIRECTION	357.0	0
DIRECTION	122.0	3	DIRECTION	245.0	0	DIRECTION	0.0	0
DIRECTION	126.0	7	DIRECTION	249.0	0	DIRECTION	4.0	0
DIRECTION	127.0	3	DIRECTION		0	DIRECTION	8.0	0

NOVEMBER 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY N5E

FREQUENCY DISTRIBUTION

AIR TEMP	99.2	0	AIR TEMP	66.7	0	AIR TEMP	38.0	0
AIR TEMP	97.8	0	AIR TEMP	66.1	1	AIR TEMP	37.0	0
AIR TEMP	96.6	0	AIR TEMP	64.9	0	AIR TEMP	36.2	0
AIR TEMP	95.4	0	AIR TEMP	64.3	0	AIR TEMP	35.2	0
AIR TEMP	94.6	0	AIR TEMP	63.8	0	AIR TEMP	34.4	0
AIR TEMP	94.4	0	AIR TEMP	62.9	0	AIR TEMP	33.5	0
AIR TEMP	93.6	0	AIR TEMP	62.0	0	AIR TEMP	32.8	0
AIR TEMP	92.3	0	AIR TEMP	61.2	0	AIR TEMP	32.1	0
AIR TEMP	91.6	0	AIR TEMP	60.3	0	AIR TEMP	31.2	0
AIR TEMP	90.8	1	AIR TEMP	59.3	0	AIR TEMP	30.4	0
AIR TEMP	89.7	0	AIR TEMP	58.4	0	AIR TEMP	29.8	0
AIR TEMP	88.7	0	AIR TEMP	57.3	0	AIR TEMP	29.5	0
AIR TEMP	87.8	0	AIR TEMP	56.4	0	AIR TEMP	28.9	0
AIR TEMP	86.6	0	AIR TEMP	55.5	0	AIR TEMP	28.0	0
AIR TEMP	85.5	2	AIR TEMP	54.6	0	AIR TEMP	27.6	0
AIR TEMP	84.6	2	AIR TEMP	54.0	0	AIR TEMP	27.0	0
AIR TEMP	83.7	1	AIR TEMP	53.6	0	AIR TEMP	26.1	0
AIR TEMP	82.8	0	AIR TEMP	53.3	0	AIR TEMP	25.2	0
AIR TEMP	81.8	6	AIR TEMP	52.2	0	AIR TEMP	24.2	0
AIR TEMP	80.6	7	AIR TEMP	51.7	0	AIR TEMP	23.4	0
AIR TEMP	79.8	1	AIR TEMP	51.0	0	AIR TEMP	22.4	0
AIR TEMP	79.7	4	AIR TEMP	50.2	0	AIR TEMP	21.5	0
AIR TEMP	79.6	8	AIR TEMP	49.4	0	AIR TEMP	20.5	0
AIR TEMP	78.4	11	AIR TEMP	48.6	0	AIR TEMP	19.6	0
AIR TEMP	77.3	0	AIR TEMP	47.8	0	AIR TEMP	18.5	0
AIR TEMP	76.7	8	AIR TEMP	46.8	0	AIR TEMP	17.3	0
AIR TEMP	75.7	5	AIR TEMP	46.0	0	AIR TEMP	17.1	0
AIR TEMP	74.7	9	AIR TEMP	45.3	0	AIR TEMP	16.5	0
AIR TEMP	73.8	5	AIR TEMP	44.4	0	AIR TEMP	15.5	0
AIR TEMP	72.8	4	AIR TEMP	43.5	0	AIR TEMP	14.3	0
AIR TEMP	71.8	1	AIR TEMP	42.7	0	AIR TEMP	12.9	0
AIR TEMP	71.2	3	AIR TEMP	42.0	0	AIR TEMP	12.1	0
AIR TEMP	70.2	5	AIR TEMP	41.4	0	AIR TEMP	11.6	0
AIR TEMP	69.4	5	AIR TEMP	41.0	0	AIR TEMP	10.1	0
AIR TEMP	68.5	2	AIR TEMP	40.1	0	AIR TEMP	9.0	0
AIR TEMP	67.5	2	AIR TEMP	39.5	0	AIR TEMP	7.9	0
AIR TEMP	66.7	0	AIR TEMP	38.9	0	AIR TEMP	6.6	0

NOVEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H2O TEMP	99.8	0	H2O TEMP	84.9	0	H2O TEMP	73.9	0
H2O TEMP	99.2	0	H2O TEMP	84.4	2	H2O TEMP	73.5	0
H2O TEMP	98.7	0	H2O TEMP	84.1	7	H2O TEMP	73.2	0
H2O TEMP	98.6	0	H2O TEMP	83.8	1	H2O TEMP	73.1	0
H2O TEMP	98.2	0	H2O TEMP	83.3	10	H2O TEMP	72.8	0
H2O TEMP	97.8	0	H2O TEMP	83.2	15	H2O TEMP	72.4	0
H2O TEMP	96.9	0	H2O TEMP	82.8	0	H2O TEMP	72.2	0
H2O TEMP	96.5	1	H2O TEMP	82.5	17	H2O TEMP	71.9	0
H2O TEMP	95.8	0	H2O TEMP	82.2	15	H2O TEMP	71.6	0
H2O TEMP	95.3	0	H2O TEMP	81.7	16	H2O TEMP	71.3	0
H2O TEMP	94.7	0	H2O TEMP	81.3	1	H2O TEMP	70.8	0
H2O TEMP	94.2	0	H2O TEMP	80.8	0	H2O TEMP	70.5	0
H2O TEMP	93.7	0	H2O TEMP	80.5	0	H2O TEMP	70.2	0
H2O TEMP	93.1	0	H2O TEMP	80.1	0	H2O TEMP	69.8	0
H2O TEMP	92.5	0	H2O TEMP	79.6	0	H2O TEMP	69.5	0
H2O TEMP	92.2	0	H2O TEMP	79.3	0	H2O TEMP	69.3	0
H2O TEMP	91.4	0	H2O TEMP	78.9	0	H2O TEMP	68.9	0
H2O TEMP	90.8	0	H2O TEMP	78.6	0	H2O TEMP	68.6	0
H2O TEMP	90.4	0	H2O TEMP	78.5	0	H2O TEMP	68.3	0
H2O TEMP	90.3	0	H2O TEMP	78.3	0	H2O TEMP	68.3	0
H2O TEMP	90.3	0	H2O TEMP	77.8	0	H2O TEMP	68.0	0
H2O TEMP	89.6	0	H2O TEMP	77.5	0	H2O TEMP	67.7	0
H2O TEMP	89.2	0	H2O TEMP	77.3	0	H2O TEMP	67.5	0
H2O TEMP	88.8	0	H2O TEMP	76.8	0	H2O TEMP	67.3	0
H2O TEMP	88.3	0	H2O TEMP	76.4	0	H2O TEMP	66.9	0
H2O TEMP	88.0	0	H2O TEMP	76.2	0	H2O TEMP	66.5	0
H2O TEMP	87.5	0	H2O TEMP	75.8	0	H2O TEMP	66.2	0
H2O TEMP	87.1	1	H2O TEMP	75.3	0	H2O TEMP	65.9	0
H2O TEMP	86.7	0	H2O TEMP	74.9	0	H2O TEMP	65.7	0
H2O TEMP	86.3	0	H2O TEMP	74.7	0	H2O TEMP	65.3	0
H2O TEMP	85.8	0	H2O TEMP	74.3	0	H2O TEMP	64.9	0
H2O TEMP	85.3	0	H2O TEMP			H2O TEMP	0.0	0

FREQUENCY DISTRIBUTION

PRESSURE	950.3	0	PRESSURE	984.3	0	PRESSURE	1013.3	4
PRESSURE	951.4	0	PRESSURE	985.1	0	PRESSURE	1013.9	0
PRESSURE	952.7	0	PRESSURE	985.2	0	PRESSURE	1014.4	6
PRESSURE	953.8	0	PRESSURE	985.8	0	PRESSURE	1015.3	12
PRESSURE	955.2	0	PRESSURE	987.1	0	PRESSURE	1016.2	18
PRESSURE	955.8	0	PRESSURE	987.6	0	PRESSURE	1017.1	8
PRESSURE	956.1	0	PRESSURE	988.2	0	PRESSURE	1017.9	8
PRESSURE	956.8	0	PRESSURE	989.1	0	PRESSURE	1018.9	4
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1019.8	7
PRESSURE	958.9	0	PRESSURE	990.9	0	PRESSURE	1020.7	4
PRESSURE	959.8	0	PRESSURE	992.0	0	PRESSURE	1021.4	2
PRESSURE	960.7	0	PRESSURE	993.0	0	PRESSURE	1022.2	7
PRESSURE	961.6	0	PRESSURE	993.8	0	PRESSURE	1023.2	8
PRESSURE	962.4	0	PRESSURE	994.8	0	PRESSURE	1023.8	1
PRESSURE	963.3	0	PRESSURE	995.8	0	PRESSURE	1024.1	1
PRESSURE	964.2	0	PRESSURE	996.7	0	PRESSURE	1024.7	2
PRESSURE	964.9	0	PRESSURE	997.5	0	PRESSURE	1025.8	0
PRESSURE	965.7	0	PRESSURE	998.2	0	PRESSURE	1026.2	0
PRESSURE	966.5	0	PRESSURE	998.4	0	PRESSURE	1026.8	0
PRESSURE	967.4	1	PRESSURE	999.0	0	PRESSURE	1027.8	0
PRESSURE	968.4	0	PRESSURE	1000.2	0	PRESSURE	1028.9	0
PRESSURE	969.2	1	PRESSURE	1000.8	0	PRESSURE	1029.8	0
PRESSURE	969.4	0	PRESSURE	1001.5	0	PRESSURE	1030.4	0
PRESSURE	969.7	0	PRESSURE	1002.4	0	PRESSURE	1031.4	0
PRESSURE	971.2	0	PRESSURE	1003.3	2	PRESSURE	1032.3	0
PRESSURE	972.7	0	PRESSURE	1004.1	0	PRESSURE	1033.2	0
PRESSURE	973.4	0	PRESSURE	1005.0	0	PRESSURE	1034.0	0
PRESSURE	974.6	0	PRESSURE	1006.0	0	PRESSURE	1035.0	0
PRESSURE	975.8	0	PRESSURE	1006.8	1	PRESSURE	1035.9	0
PRESSURE	977.0	0	PRESSURE	1007.7	1	PRESSURE	1036.2	0
PRESSURE	978.3	0	PRESSURE	1008.6	1	PRESSURE	1036.6	0
PRESSURE	979.7	0	PRESSURE	1009.5	2	PRESSURE	1037.7	0
PRESSURE	980.4	0	PRESSURE	1010.4	1	PRESSURE	1038.6	0
PRESSURE	981.4	0	PRESSURE	1011.2	2	PRESSURE	1039.5	0
PRESSURE	982.3	0	PRESSURE	1011.6	0	PRESSURE	1040.2	0
PRESSURE	983.2	0	PRESSURE	1012.2	6	PRESSURE	1000.0	0

NOVEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N5E

25.0 N. LATITUDE, 88.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.8	8	WIND SPEED	36.3	0	WIND SPEED	66.0	0
WIND SPEED	4.3	16	WIND SPEED	36.4	0	WIND SPEED	67.5	0
WIND SPEED	6.3	14	WIND SPEED	36.6	0	WIND SPEED	69.3	0
WIND SPEED	8.2	5	WIND SPEED	38.8	0	WIND SPEED	70.9	0
WIND SPEED	10.1	8	WIND SPEED	40.8	0	WIND SPEED	73.0	0
WIND SPEED	11.4	9	WIND SPEED	41.8	0	WIND SPEED	74.6	0
WIND SPEED	11.6	2	WIND SPEED	43.3	0	WIND SPEED	76.5	0
WIND SPEED	12.8	3	WIND SPEED	45.0	0	WIND SPEED	78.4	0
WIND SPEED	15.2	4	WIND SPEED	46.6	0	WIND SPEED	80.5	0
WIND SPEED	16.2	0	WIND SPEED	48.5	0	WIND SPEED	81.9	0
WIND SPEED	17.3	6	WIND SPEED	50.1	0	WIND SPEED	83.4	0
WIND SPEED	18.8	8	WIND SPEED	51.4	0	WIND SPEED	84.6	0
WIND SPEED	20.5	4	WIND SPEED	53.1	0	WIND SPEED	85.0	0
WIND SPEED	22.3	2	WIND SPEED	54.8	0	WIND SPEED	86.1	0
WIND SPEED	24.2	2	WIND SPEED	56.6	0	WIND SPEED	88.0	0
WIND SPEED	26.2	1	WIND SPEED	58.4	0	WIND SPEED	89.1	0
WIND SPEED	27.6	0	WIND SPEED	60.1	0	WIND SPEED	90.3	0
WIND SPEED	29.4	0	WIND SPEED	60.3	0	WIND SPEED	92.2	0
WIND SPEED	31.0	0	WIND SPEED	61.4	0	WIND SPEED	93.8	0
WIND SPEED	32.8	0	WIND SPEED	63.7	0	WIND SPEED	95.3	0
WIND SPEED	34.8	0	WIND SPEED	64.8	0	WIND SPEED	97.0	1

NOVEMBER 1970 FCC NEW ORLEANS 25.0 N. LATITUDE, 88.0 W. LONGITUDE

NOMAD BUOY N5E

FREQUENCY DISTRIBUTION

DIRECTION	6.0	5	DIRECTION	131.0	0	DIRECTION	251.0	0
DIRECTION	11.0	1	DIRECTION	134.0	0	DIRECTION	254.0	0
DIRECTION	16.0	3	DIRECTION	136.0	0	DIRECTION	257.0	1
DIRECTION	19.0	1	DIRECTION	141.0	0	DIRECTION	261.0	1
DIRECTION	22.0	1	DIRECTION	144.0	0	DIRECTION	264.0	2
DIRECTION	25.0	2	DIRECTION	144.0	0	DIRECTION	267.0	0
DIRECTION	29.0	0	DIRECTION	147.0	0	DIRECTION	271.0	1
DIRECTION	30.0	0	DIRECTION	151.0	0	DIRECTION	274.0	1
DIRECTION	34.0	0	DIRECTION	153.0	0	DIRECTION	277.0	0
DIRECTION	38.0	0	DIRECTION	155.0	0	DIRECTION	280.0	0
DIRECTION	42.0	0	DIRECTION	158.0	0	DIRECTION	283.0	0
DIRECTION	46.0	1	DIRECTION	162.0	0	DIRECTION	287.0	1
DIRECTION	49.0	2	DIRECTION	165.0	1	DIRECTION	289.0	1
DIRECTION	49.0	0	DIRECTION	169.0	1	DIRECTION	290.0	0
DIRECTION	51.0	1	DIRECTION	173.0	0	DIRECTION	293.0	0
DIRECTION	56.0	0	DIRECTION	176.0	0	DIRECTION	297.0	1
DIRECTION	58.0	0	DIRECTION	180.0	0	DIRECTION	299.0	2
DIRECTION	60.0	0	DIRECTION	184.0	2	DIRECTION	301.0	0
DIRECTION	63.0	0	DIRECTION	186.0	0	DIRECTION	304.0	0
DIRECTION	66.0	0	DIRECTION	189.0	1	DIRECTION	309.0	1
DIRECTION	70.0	0	DIRECTION	192.0	0	DIRECTION	312.0	5
DIRECTION	74.0	0	DIRECTION	193.0	0	DIRECTION	314.0	2
DIRECTION	77.0	0	DIRECTION	194.0	0	DIRECTION	319.0	4
DIRECTION	80.0	0	DIRECTION	198.0	1	DIRECTION	322.0	2
DIRECTION	83.0	0	DIRECTION	201.0	0	DIRECTION	325.0	3
DIRECTION	87.0	0	DIRECTION	204.0	1	DIRECTION	328.0	2
DIRECTION	91.0	0	DIRECTION	207.0	0	DIRECTION	331.0	5
DIRECTION	95.0	0	DIRECTION	210.0	0	DIRECTION	335.0	5
DIRECTION	98.0	0	DIRECTION	213.0	1	DIRECTION	335.0	0
DIRECTION	98.0	0	DIRECTION	216.0	0	DIRECTION	337.0	0
DIRECTION	99.0	2	DIRECTION	220.0	0	DIRECTION	343.0	3
DIRECTION	103.0	0	DIRECTION	224.0	0	DIRECTION	345.0	2
DIRECTION	107.0	0	DIRECTION	227.0	0	DIRECTION	348.0	0
DIRECTION	109.0	0	DIRECTION	231.0	0	DIRECTION	350.0	2
DIRECTION	113.0	0	DIRECTION	234.0	0	DIRECTION	351.0	8
DIRECTION	116.0	0	DIRECTION	238.0	0	DIRECTION	355.0	1
DIRECTION	119.0	1	DIRECTION	241.0	0	DIRECTION	357.0	7
DIRECTION	122.0	0	DIRECTION	242.0	0	DIRECTION	0.0	4
DIRECTION	126.0	0	DIRECTION	245.0	0	DIRECTION	4.0	1
DIRECTION	127.0	0	DIRECTION	248.0	0	DIRECTION	0.0	0

FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	68.4	0	AIR TEMP	39.4	0
AIR TEMP	98.4	0	AIR TEMP	67.6	0	AIR TEMP	38.3	0
AIR TEMP	98.2	0	AIR TEMP	66.8	0	AIR TEMP	37.4	0
AIR TEMP	97.5	0	AIR TEMP	65.8	0	AIR TEMP	36.4	0
AIR TEMP	96.5	0	AIR TEMP	64.8	0	AIR TEMP	35.3	0
AIR TEMP	95.6	0	AIR TEMP	64.3	0	AIR TEMP	34.5	0
AIR TEMP	94.7	0	AIR TEMP	63.4	0	AIR TEMP	33.8	0
AIR TEMP	93.3	0	AIR TEMP	62.3	0	AIR TEMP	33.1	0
AIR TEMP	92.0	0	AIR TEMP	61.3	0	AIR TEMP	32.8	0
AIR TEMP	90.9	0	AIR TEMP	60.3	0	AIR TEMP	32.5	0
AIR TEMP	90.0	1	AIR TEMP	59.5	0	AIR TEMP	31.9	0
AIR TEMP	88.9	0	AIR TEMP	58.7	0	AIR TEMP	31.3	0
AIR TEMP	87.8	10	AIR TEMP	58.0	0	AIR TEMP	30.4	0
AIR TEMP	86.8	10	AIR TEMP	57.6	0	AIR TEMP	29.6	0
AIR TEMP	85.7	12	AIR TEMP	57.3	0	AIR TEMP	28.8	0
AIR TEMP	84.7	6	AIR TEMP	55.6	0	AIR TEMP	27.8	0
AIR TEMP	83.7	3	AIR TEMP	55.8	0	AIR TEMP	26.9	0
AIR TEMP	83.0	0	AIR TEMP	55.0	0	AIR TEMP	26.2	0
AIR TEMP	82.8	1	AIR TEMP	54.2	0	AIR TEMP	25.3	0
AIR TEMP	82.6	0	AIR TEMP	53.3	0	AIR TEMP	24.2	0
AIR TEMP	81.9	1	AIR TEMP	52.4	0	AIR TEMP	23.3	0
AIR TEMP	81.0	2	AIR TEMP	51.6	0	AIR TEMP	22.3	0
AIR TEMP	80.2	1	AIR TEMP	50.8	0	AIR TEMP	21.3	0
AIR TEMP	79.2	2	AIR TEMP	49.8	0	AIR TEMP	20.4	0
AIR TEMP	78.2	0	AIR TEMP	49.0	0	AIR TEMP	20.2	0
AIR TEMP	77.3	0	AIR TEMP	48.1	0	AIR TEMP	19.7	0
AIR TEMP	76.2	0	AIR TEMP	47.3	0	AIR TEMP	18.9	0
AIR TEMP	75.3	0	AIR TEMP	46.3	0	AIR TEMP	18.3	0
AIR TEMP	74.4	0	AIR TEMP	45.5	0	AIR TEMP	17.3	0
AIR TEMP	73.6	0	AIR TEMP	45.3	0	AIR TEMP	16.3	0
AIR TEMP	72.8	0	AIR TEMP	44.9	0	AIR TEMP	15.2	0
AIR TEMP	71.8	0	AIR TEMP	44.3	0	AIR TEMP	14.1	0
AIR TEMP	71.1	0	AIR TEMP	43.8	0	AIR TEMP	12.7	0
AIR TEMP	70.4	0	AIR TEMP	42.8	0	AIR TEMP	11.6	0
AIR TEMP	70.1	0	AIR TEMP	42.0	0	AIR TEMP	10.3	0
AIR TEMP	69.8	0	AIR TEMP	41.1	0	AIR TEMP	9.0	0
AIR TEMP	65.2	0	AIR TEMP	40.3	0	AIR TEMP	0.0	0

AUGUST 1970 FCC NEW ORLEANS

NCWAD BUOY N6E

27.0 N. LATITUDE, 90.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

H20 TEMP	99.7	0	H20 TEMP	84.3	0	H20 TEMP	73.6	0
H20 TEMP	99.2	0	H20 TEMP	84.2	0	H20 TEMP	73.2	0
H20 TEMP	98.4	0	H20 TEMP	84.2	0	H20 TEMP	72.8	0
H20 TEMP	97.8	0	H20 TEMP	83.8	0	H20 TEMP	72.4	0
H20 TEMP	97.2	0	H20 TEMP	83.4	1	H20 TEMP	72.3	0
H20 TEMP	96.3	0	H20 TEMP	82.9	0	H20 TEMP	72.2	0
H20 TEMP	95.7	0	H20 TEMP	82.5	0	H20 TEMP	71.8	0
H20 TEMP	95.0	0	H20 TEMP	82.0	0	H20 TEMP	71.6	0
H20 TEMP	94.4	0	H20 TEMP	81.6	0	H20 TEMP	71.2	0
H20 TEMP	93.8	0	H20 TEMP	81.3	0	H20 TEMP	70.7	0
H20 TEMP	93.3	0	H20 TEMP	80.9	0	H20 TEMP	70.3	0
H20 TEMP	92.6	0	H20 TEMP	80.3	0	H20 TEMP	69.9	0
H20 TEMP	91.9	0	H20 TEMP	79.9	0	H20 TEMP	69.6	0
H20 TEMP	91.5	0	H20 TEMP	79.4	0	H20 TEMP	69.2	0
H20 TEMP	91.4	0	H20 TEMP	79.0	0	H20 TEMP	68.8	0
H20 TEMP	91.2	0	H20 TEMP	78.7	0	H20 TEMP	68.5	0
H20 TEMP	90.7	0	H20 TEMP	78.3	0	H20 TEMP	68.2	0
H20 TEMP	90.3	0	H20 TEMP	78.2	0	H20 TEMP	67.8	0
H20 TEMP	89.7	0	H20 TEMP	78.0	0	H20 TEMP	67.4	0
H20 TEMP	89.2	0	H20 TEMP	77.7	0	H20 TEMP	67.2	0
H20 TEMP	88.7	2	H20 TEMP	77.4	0	H20 TEMP	67.1	0
H20 TEMP	88.2	13	H20 TEMP	77.0	0	H20 TEMP	66.9	0
H20 TEMP	87.7	8	H20 TEMP	76.5	0	H20 TEMP	66.7	0
H20 TEMP	87.2	10	H20 TEMP	76.2	0	H20 TEMP	66.3	0
H20 TEMP	86.7	13	H20 TEMP	75.7	0	H20 TEMP	66.0	0
H20 TEMP	86.2	0	H20 TEMP	75.2	0	H20 TEMP	65.7	0
H20 TEMP	85.7	1	H20 TEMP	74.8	0	H20 TEMP	65.3	0
H20 TEMP	85.2	0	H20 TEMP	74.4	0	H20 TEMP	65.0	0
H20 TEMP	84.8	0	H20 TEMP	74.0	0	H20 TEMP	64.7	0

AUGUST 1970 FCC NEW ORLEANS NOMAD BUOY N6E 27.0 N. LATITUDE, 90.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

PRESSURE	950.0	0	PRESSURE	981.0	0	PRESSURE	1012.8	7
PRESSURE	951.0	0	PRESSURE	981.3	0	PRESSURE	1013.9	9
PRESSURE	951.9	0	PRESSURE	982.0	0	PRESSURE	1014.8	1
PRESSURE	953.0	0	PRESSURE	982.8	0	PRESSURE	1016.0	1
PRESSURE	953.9	0	PRESSURE	983.7	0	PRESSURE	1017.9	1
PRESSURE	954.6	0	PRESSURE	984.8	0	PRESSURE	1018.2	1
PRESSURE	954.8	0	PRESSURE	985.8	0	PRESSURE	1019.4	0
PRESSURE	955.3	0	PRESSURE	986.8	0	PRESSURE	1020.2	1
PRESSURE	956.1	0	PRESSURE	987.3	0	PRESSURE	1021.2	0
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1022.0	0
PRESSURE	957.8	0	PRESSURE	989.5	0	PRESSURE	1022.2	0
PRESSURE	958.7	0	PRESSURE	990.4	0	PRESSURE	1022.6	0
PRESSURE	959.7	0	PRESSURE	991.3	0	PRESSURE	1023.4	0
PRESSURE	960.6	0	PRESSURE	992.4	0	PRESSURE	1024.1	0
PRESSURE	961.4	0	PRESSURE	993.2	0	PRESSURE	1025.1	0
PRESSURE	961.3	0	PRESSURE	993.9	0	PRESSURE	1026.0	0
PRESSURE	963.2	0	PRESSURE	994.5	0	PRESSURE	1027.0	0
PRESSURE	964.2	0	PRESSURE	994.7	0	PRESSURE	1028.0	0
PRESSURE	964.9	0	PRESSURE	995.6	0	PRESSURE	1029.0	0
PRESSURE	965.8	0	PRESSURE	996.3	0	PRESSURE	1029.8	0
PRESSURE	966.8	0	PRESSURE	997.3	0	PRESSURE	1030.8	0
PRESSURE	967.5	0	PRESSURE	998.2	0	PRESSURE	1032.0	0
PRESSURE	967.7	0	PRESSURE	999.3	0	PRESSURE	1032.9	0
PRESSURE	968.0	0	PRESSURE	1000.3	0	PRESSURE	1034.0	0
PRESSURE	968.7	0	PRESSURE	1001.3	0	PRESSURE	1034.8	0
PRESSURE	969.4	0	PRESSURE	1002.2	0	PRESSURE	1035.8	0
PRESSURE	970.2	0	PRESSURE	1003.2	0	PRESSURE	1036.0	0
PRESSURE	971.3	0	PRESSURE	1004.0	0	PRESSURE	1036.5	0
PRESSURE	972.3	0	PRESSURE	1004.4	0	PRESSURE	1037.2	0
PRESSURE	973.3	0	PRESSURE	1005.8	0	PRESSURE	1037.8	0
PRESSURE	974.2	0	PRESSURE	1006.8	0	PRESSURE	1038.8	0
PRESSURE	975.1	0	PRESSURE	1007.6	0	PRESSURE	1039.8	0
PRESSURE	976.2	0	PRESSURE	1007.8	0	PRESSURE	1040.8	0
PRESSURE	977.1	0	PRESSURE	1008.2	0	PRESSURE	1041.8	0
PRESSURE	978.0	0	PRESSURE	1008.9	1	PRESSURE	1042.7	0
PRESSURE	979.0	0	PRESSURE	1009.6	6	PRESSURE	1043.7	0
PRESSURE	979.8	0	PRESSURE	1010.6	13	PRESSURE	1044.4	0
PRESSURE	980.7	0	PRESSURE	1011.7	10	PRESSURE	1000.0	0

AUGUST 1970 FCC NEW ORLEANS

NOMAD BUOY N6E

27.0 N. LATITUDE, 90.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.4	1	WIND SPEED	32.8	0	WIND SPEED	63.3	0
WIND SPEED	3.4	3	WIND SPEED	34.0	0	WIND SPEED	64.3	0
WIND SPEED	4.5	3	WIND SPEED	35.0	0	WIND SPEED	65.0	0
WIND SPEED	5.6	5	WIND SPEED	35.8	0	WIND SPEED	65.3	0
WIND SPEED	6.3	0	WIND SPEED	36.1	0	WIND SPEED	65.7	0
WIND SPEED	6.5	3	WIND SPEED	36.5	0	WIND SPEED	66.5	0
WIND SPEED	7.0	4	WIND SPEED	37.3	0	WIND SPEED	67.2	0
WIND SPEED	7.9	0	WIND SPEED	38.1	0	WIND SPEED	68.3	0
WIND SPEED	8.7	2	WIND SPEED	39.2	0	WIND SPEED	69.4	0
WIND SPEED	9.8	1	WIND SPEED	40.3	0	WIND SPEED	70.5	0
WIND SPEED	10.8	2	WIND SPEED	41.4	0	WIND SPEED	71.4	0
WIND SPEED	11.8	1	WIND SPEED	42.5	0	WIND SPEED	72.3	0
WIND SPEED	12.9	3	WIND SPEED	43.2	0	WIND SPEED	73.3	0
WIND SPEED	14.0	5	WIND SPEED	44.0	0	WIND SPEED	74.2	0
WIND SPEED	14.9	5	WIND SPEED	45.3	0	WIND SPEED	75.3	1
WIND SPEED	16.1	1	WIND SPEED	46.4	0	WIND SPEED	76.4	0
WIND SPEED	17.2	2	WIND SPEED	47.6	0	WIND SPEED	77.3	0
WIND SPEED	18.1	0	WIND SPEED	48.6	0	WIND SPEED	78.1	0
WIND SPEED	19.1	1	WIND SPEED	49.4	0	WIND SPEED	79.0	0
WIND SPEED	20.3	0	WIND SPEED	50.3	0	WIND SPEED	79.2	0
WIND SPEED	21.1	1	WIND SPEED	50.8	0	WIND SPEED	79.6	0
WIND SPEED	21.3	0	WIND SPEED	51.2	0	WIND SPEED	80.4	0
WIND SPEED	21.8	0	WIND SPEED	52.0	0	WIND SPEED	81.0	0
WIND SPEED	22.4	0	WIND SPEED	52.8	0	WIND SPEED	82.0	0
WIND SPEED	23.3	0	WIND SPEED	53.8	0	WIND SPEED	83.0	0
WIND SPEED	24.4	0	WIND SPEED	54.8	0	WIND SPEED	84.0	0
WIND SPEED	25.4	0	WIND SPEED	55.8	0	WIND SPEED	84.9	0
WIND SPEED	26.6	0	WIND SPEED	57.1	0	WIND SPEED	86.0	0
WIND SPEED	27.6	0	WIND SPEED	58.1	0	WIND SPEED	87.0	0
WIND SPEED	28.6	0	WIND SPEED	59.2	0	WIND SPEED	88.0	0
WIND SPEED	29.5	0	WIND SPEED	60.2	0	WIND SPEED	89.0	0
WIND SPEED	30.7	0	WIND SPEED	61.3	0	WIND SPEED	90.1	0
WIND SPEED	31.7	0	WIND SPEED	61.2	0	WIND SPEED	0.0	0

AUGUST 1970 FCC NEW ORLEANS NOMAD BUOY N6E 27.0 N. LATITUDE, 90.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

DIRECTION	6.0	0	DIRECTION	132.0	1	DIRECTION	248.0	0
DIRECTION	14.0	0	DIRECTION	134.0	0	DIRECTION	252.0	0
DIRECTION	19.0	0	DIRECTION	137.0	0	DIRECTION	255.0	0
DIRECTION	24.0	1	DIRECTION	141.0	2	DIRECTION	258.0	0
DIRECTION	30.0	2	DIRECTION	143.0	0	DIRECTION	261.0	0
DIRECTION	36.0	0	DIRECTION	144.0	0	DIRECTION	264.0	1
DIRECTION	44.0	0	DIRECTION	145.0	0	DIRECTION	268.0	0
DIRECTION	48.0	0	DIRECTION	148.0	0	DIRECTION	271.0	0
DIRECTION	54.0	2	DIRECTION	151.0	0	DIRECTION	274.0	0
DIRECTION	58.0	1	DIRECTION	155.0	1	DIRECTION	278.0	0
DIRECTION	60.0	1	DIRECTION	159.0	0	DIRECTION	281.0	0
DIRECTION	64.0	0	DIRECTION	162.0	0	DIRECTION	284.0	1
DIRECTION	66.0	0	DIRECTION	165.0	1	DIRECTION	287.0	0
DIRECTION	67.0	0	DIRECTION	167.0	0	DIRECTION	288.0	0
DIRECTION	68.0	0	DIRECTION	170.0	0	DIRECTION	291.0	0
DIRECTION	71.0	1	DIRECTION	174.0	0	DIRECTION	294.0	0
DIRECTION	72.0	1	DIRECTION	178.0	4	DIRECTION	298.0	0
DIRECTION	75.0	0	DIRECTION	183.0	1	DIRECTION	303.0	0
DIRECTION	79.0	0	DIRECTION	187.0	0	DIRECTION	306.0	0
DIRECTION	80.0	0	DIRECTION	190.0	0	DIRECTION	310.0	0
DIRECTION	82.0	1	DIRECTION	192.0	1	DIRECTION	314.0	0
DIRECTION	83.0	1	DIRECTION	194.0	0	DIRECTION	318.0	1
DIRECTION	84.0	0	DIRECTION	195.0	0	DIRECTION	322.0	0
DIRECTION	86.0	3	DIRECTION	197.0	0	DIRECTION	325.0	0
DIRECTION	89.0	1	DIRECTION	199.0	0	DIRECTION	329.0	0
DIRECTION	92.0	2	DIRECTION	202.0	0	DIRECTION	332.0	0
DIRECTION	96.0	0	DIRECTION	206.0	0	DIRECTION	336.0	0
DIRECTION	99.0	1	DIRECTION	209.0	0	DIRECTION	338.0	0
DIRECTION	101.0	0	DIRECTION	213.0	1	DIRECTION	340.0	0
DIRECTION	102.0	1	DIRECTION	216.0	1	DIRECTION	341.0	0
DIRECTION	102.0	0	DIRECTION	219.0	1	DIRECTION	342.0	0
DIRECTION	103.0	0	DIRECTION	223.0	1	DIRECTION	343.0	0
DIRECTION	106.0	1	DIRECTION	226.0	1	DIRECTION	344.0	0
DIRECTION	108.0	0	DIRECTION	230.0	1	DIRECTION	346.0	0
DIRECTION	116.0	4	DIRECTION	234.0	0	DIRECTION	349.0	0
DIRECTION	118.0	0	DIRECTION	238.0	0	DIRECTION	351.0	0
DIRECTION	121.0	1	DIRECTION	242.0	2	DIRECTION	354.0	0
DIRECTION	124.0	0	DIRECTION	243.0	0	DIRECTION	356.0	0
DIRECTION	127.0	0	DIRECTION	244.0	0	DIRECTION	2.0	0
DIRECTION	129.0	2	DIRECTION	246.0	0	DIRECTION	0.0	0

SEPTEMBER 1970 FCC NEW ORLEANS NMAD BUOY N6E 27.0 N. LATITUDE, 90.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	68.4	0	AIR TEMP	39.4	0
AIR TEMP	98.4	0	AIR TEMP	67.6	0	AIR TEMP	38.3	0
AIR TEMP	98.2	0	AIR TEMP	66.8	0	AIR TEMP	37.4	0
AIR TEMP	97.5	0	AIR TEMP	65.8	0	AIR TEMP	36.4	0
AIR TEMP	96.5	0	AIR TEMP	64.8	0	AIR TEMP	35.3	0
AIR TEMP	95.6	0	AIR TEMP	64.3	0	AIR TEMP	34.5	0
AIR TEMP	94.7	0	AIR TEMP	63.4	0	AIR TEMP	33.8	0
AIR TEMP	93.3	0	AIR TEMP	62.3	0	AIR TEMP	33.1	0
AIR TEMP	92.0	0	AIR TEMP	61.3	0	AIR TEMP	32.8	0
AIR TEMP	90.9	1	AIR TEMP	60.3	0	AIR TEMP	32.5	0
AIR TEMP	90.0	0	AIR TEMP	59.5	0	AIR TEMP	31.9	0
AIR TEMP	88.9	10	AIR TEMP	58.7	0	AIR TEMP	31.3	0
AIR TEMP	87.8	28	AIR TEMP	58.0	0	AIR TEMP	30.4	0
AIR TEMP	86.8	26	AIR TEMP	57.6	0	AIR TEMP	29.6	0
AIR TEMP	85.7	1	AIR TEMP	57.3	0	AIR TEMP	28.8	0
AIR TEMP	84.7	2	AIR TEMP	55.6	0	AIR TEMP	27.8	0
AIR TEMP	83.7	1	AIR TEMP	55.8	0	AIR TEMP	26.9	0
AIR TEMP	83.0	0	AIR TEMP	55.0	0	AIR TEMP	26.2	0
AIR TEMP	82.8	0	AIR TEMP	54.2	0	AIR TEMP	25.3	0
AIR TEMP	82.6	0	AIR TEMP	53.3	0	AIR TEMP	24.2	0
AIR TEMP	81.9	0	AIR TEMP	52.4	0	AIR TEMP	23.3	0
AIR TEMP	81.0	0	AIR TEMP	51.6	0	AIR TEMP	22.3	0
AIR TEMP	80.2	0	AIR TEMP	50.8	0	AIR TEMP	21.3	0
AIR TEMP	79.2	0	AIR TEMP	49.8	0	AIR TEMP	20.4	0
AIR TEMP	78.2	0	AIR TEMP	49.0	0	AIR TEMP	20.2	0
AIR TEMP	77.3	0	AIR TEMP	48.1	0	AIR TEMP	19.7	0
AIR TEMP	76.2	0	AIR TEMP	47.3	0	AIR TEMP	18.9	0
AIR TEMP	75.3	0	AIR TEMP	46.3	0	AIR TEMP	18.3	0
AIR TEMP	74.4	0	AIR TEMP	45.5	0	AIR TEMP	17.3	0
AIR TEMP	73.6	0	AIR TEMP	44.9	0	AIR TEMP	16.3	0
AIR TEMP	72.8	0	AIR TEMP	44.3	0	AIR TEMP	15.2	0
AIR TEMP	71.8	0	AIR TEMP	43.8	0	AIR TEMP	14.1	0
AIR TEMP	71.1	0	AIR TEMP	42.8	0	AIR TEMP	12.7	0
AIR TEMP	70.4	0	AIR TEMP	42.0	0	AIR TEMP	11.6	0
AIR TEMP	70.1	0	AIR TEMP	41.1	0	AIR TEMP	10.3	0
AIR TEMP	69.8	0	AIR TEMP	40.3	0	AIR TEMP	9.0	0
AIR TEMP	69.2	0	AIR TEMP			AIR TEMP	0.0	0

FREQUENCY DISTRIBUTION

H20 TEMP	99.7	0	H20 TEMP	84.3	0	H20 TEMP	73.6	0
H20 TEMP	99.2	0	H20 TEMP	84.2	0	H20 TEMP	73.2	0
H20 TEMP	98.4	0	H20 TEMP	84.2	0	H20 TEMP	72.8	0
H20 TEMP	97.8	0	H20 TEMP	83.8	0	H20 TEMP	72.4	0
H20 TEMP	97.2	0	H20 TEMP	83.4	0	H20 TEMP	72.3	0
H20 TEMP	96.3	0	H20 TEMP	82.9	0	H20 TEMP	72.2	0
H20 TEMP	95.7	0	H20 TEMP	82.5	0	H20 TEMP	71.8	0
H20 TEMP	95.0	0	H20 TEMP	82.0	0	H20 TEMP	71.6	0
H20 TEMP	94.4	0	H20 TEMP	81.6	0	H20 TEMP	71.2	0
H20 TEMP	93.8	0	H20 TEMP	81.3	0	H20 TEMP	70.7	0
H20 TEMP	93.3	0	H20 TEMP	80.9	0	H20 TEMP	70.3	0
H20 TEMP	92.6	0	H20 TEMP	80.3	0	H20 TEMP	69.9	0
H20 TEMP	91.9	0	H20 TEMP	79.9	0	H20 TEMP	69.6	0
H20 TEMP	91.5	0	H20 TEMP	79.4	0	H20 TEMP	69.2	0
H20 TEMP	91.4	0	H20 TEMP	79.0	0	H20 TEMP	68.8	0
H20 TEMP	91.2	0	H20 TEMP	78.7	0	H20 TEMP	68.5	0
H20 TEMP	90.7	0	H20 TEMP	78.3	0	H20 TEMP	68.2	0
H20 TEMP	90.3	0	H20 TEMP	78.2	0	H20 TEMP	67.8	0
H20 TEMP	89.7	0	H20 TEMP	78.0	0	H20 TEMP	67.4	0
H20 TEMP	89.2	1	H20 TEMP	77.7	0	H20 TEMP	67.2	0
H20 TEMP	88.7	0	H20 TEMP	77.4	0	H20 TEMP	67.1	0
H20 TEMP	88.2	14	H20 TEMP	77.0	0	H20 TEMP	66.9	0
H20 TEMP	87.7	16	H20 TEMP	76.5	0	H20 TEMP	66.7	0
H20 TEMP	87.2	28	H20 TEMP	76.2	0	H20 TEMP	66.3	0
H20 TEMP	86.7	6	H20 TEMP	75.7	0	H20 TEMP	66.0	0
H20 TEMP	86.2	2	H20 TEMP	75.2	0	H20 TEMP	65.7	0
H20 TEMP	85.7	0	H20 TEMP	74.8	0	H20 TEMP	65.3	0
H20 TEMP	85.2	0	H20 TEMP	74.4	0	H20 TEMP	65.0	0
H20 TEMP	84.8	0	H20 TEMP	74.0	0	H20 TEMP	64.7	0

FREQUENCY DISTRIBUTION

PRESSURE	950.0	0	PRESSURE	981.0	0	PRESSURE	1012.8	11
PRESSURE	951.0	0	PRESSURE	981.3	0	PRESSURE	1013.9	17
PRESSURE	951.9	0	PRESSURE	982.0	0	PRESSURE	1014.8	13
PRESSURE	953.0	0	PRESSURE	982.8	0	PRESSURE	1016.0	4
PRESSURE	953.9	0	PRESSURE	983.7	0	PRESSURE	1017.9	1
PRESSURE	954.6	0	PRESSURE	984.8	0	PRESSURE	1018.2	0
PRESSURE	954.8	0	PRESSURE	985.8	0	PRESSURE	1019.4	3
PRESSURE	955.3	0	PRESSURE	986.8	0	PRESSURE	1020.2	0
PRESSURE	956.1	0	PRESSURE	987.3	0	PRESSURE	1021.2	1
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1022.0	0
PRESSURE	957.8	0	PRESSURE	989.5	0	PRESSURE	1022.2	0
PRESSURE	958.7	0	PRESSURE	990.4	0	PRESSURE	1022.6	0
PRESSURE	959.7	0	PRESSURE	991.3	0	PRESSURE	1023.4	0
PRESSURE	960.5	0	PRESSURE	992.4	0	PRESSURE	1024.1	0
PRESSURE	961.4	0	PRESSURE	993.2	0	PRESSURE	1025.1	0
PRESSURE	961.3	0	PRESSURE	993.9	0	PRESSURE	1026.0	0
PRESSURE	963.2	0	PRESSURE	994.5	0	PRESSURE	1027.0	0
PRESSURE	964.2	0	PRESSURE	994.7	0	PRESSURE	1028.0	0
PRESSURE	964.9	0	PRESSURE	995.6	0	PRESSURE	1029.0	0
PRESSURE	965.8	0	PRESSURE	996.3	0	PRESSURE	1029.8	0
PRESSURE	966.8	0	PRESSURE	997.3	0	PRESSURE	1030.8	0
PRESSURE	967.5	0	PRESSURE	998.2	0	PRESSURE	1032.0	0
PRESSURE	967.7	0	PRESSURE	999.3	0	PRESSURE	1032.9	0
PRESSURE	968.0	0	PRESSURE	1000.3	0	PRESSURE	1034.0	0
PRESSURE	968.7	0	PRESSURE	1001.3	0	PRESSURE	1034.8	0
PRESSURE	969.4	0	PRESSURE	1002.2	0	PRESSURE	1035.8	0
PRESSURE	970.2	0	PRESSURE	1003.2	0	PRESSURE	1036.0	0
PRESSURE	971.3	0	PRESSURE	1004.0	0	PRESSURE	1036.5	0
PRESSURE	972.3	0	PRESSURE	1004.4	0	PRESSURE	1037.2	0
PRESSURE	973.3	0	PRESSURE	1005.8	0	PRESSURE	1037.8	0
PRESSURE	974.2	0	PRESSURE	1006.8	0	PRESSURE	1038.8	0
PRESSURE	975.1	0	PRESSURE	1007.6	0	PRESSURE	1039.8	0
PRESSURE	976.2	0	PRESSURE	1007.8	0	PRESSURE	1040.8	0
PRESSURE	977.1	0	PRESSURE	1008.2	0	PRESSURE	1041.8	0
PRESSURE	978.0	0	PRESSURE	1008.9	0	PRESSURE	1042.7	0
PRESSURE	979.0	0	PRESSURE	1009.6	1	PRESSURE	1043.7	0
PRESSURE	979.8	0	PRESSURE	1010.6	6	PRESSURE	1044.4	0
PRESSURE	980.7	0	PRESSURE	1011.7	10	PRESSURE	1000.0	0

SEPTEMBER 1970 FCC NEW ORLEANS

NOMAD BUOY N6E

27.0 N. LATITUDE, 90.0 W. LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	2.4	3	WIND SPEED	32.8	0	WIND SPEED	63.3	0
WIND SPEED	3.4	0	WIND SPEED	34.0	0	WIND SPEED	64.3	0
WIND SPEED	4.5	2	WIND SPEED	35.0	0	WIND SPEED	65.0	0
WIND SPEED	5.6	5	WIND SPEED	35.8	0	WIND SPEED	65.3	0
WIND SPEED	6.3	0	WIND SPEED	36.1	0	WIND SPEED	65.7	0
WIND SPEED	6.5	9	WIND SPEED	36.5	0	WIND SPEED	66.5	0
WIND SPEED	7.0	3	WIND SPEED	37.3	0	WIND SPEED	67.2	0
WIND SPEED	7.9	5	WIND SPEED	38.1	0	WIND SPEED	68.3	0
WIND SPEED	8.7	7	WIND SPEED	39.2	0	WIND SPEED	69.4	0
WIND SPEED	9.8	6	WIND SPEED	40.3	0	WIND SPEED	70.5	0
WIND SPEED	10.8	7	WIND SPEED	41.4	0	WIND SPEED	71.4	0
WIND SPEED	11.8	1	WIND SPEED	42.5	0	WIND SPEED	72.3	0
WIND SPEED	12.9	2	WIND SPEED	43.2	0	WIND SPEED	73.3	0
WIND SPEED	14.0	7	WIND SPEED	44.0	0	WIND SPEED	74.2	0
WIND SPEED	14.9	4	WIND SPEED	45.3	0	WIND SPEED	75.3	0
WIND SPEED	16.1	2	WIND SPEED	46.4	0	WIND SPEED	76.4	0
WIND SPEED	17.2	1	WIND SPEED	47.6	0	WIND SPEED	77.3	0
WIND SPEED	18.1	0	WIND SPEED	48.6	0	WIND SPEED	78.1	0
WIND SPEED	19.1	1	WIND SPEED	49.4	0	WIND SPEED	79.0	0
WIND SPEED	20.3	1	WIND SPEED	50.3	0	WIND SPEED	79.2	0
WIND SPEED	21.1	0	WIND SPEED	50.8	0	WIND SPEED	79.6	0
WIND SPEED	21.3	0	WIND SPEED	51.2	0	WIND SPEED	80.4	0
WIND SPEED	21.8	0	WIND SPEED	52.0	0	WIND SPEED	81.0	0
WIND SPEED	22.4	0	WIND SPEED	52.8	0	WIND SPEED	82.0	0
WIND SPEED	23.3	0	WIND SPEED	53.8	0	WIND SPEED	83.0	0
WIND SPEED	24.4	0	WIND SPEED	54.8	0	WIND SPEED	84.0	0
WIND SPEED	25.4	0	WIND SPEED	55.9	0	WIND SPEED	84.9	0
WIND SPEED	26.6	0	WIND SPEED	57.1	0	WIND SPEED	86.0	0
WIND SPEED	27.6	0	WIND SPEED	58.1	0	WIND SPEED	87.0	0
WIND SPEED	28.6	0	WIND SPEED	59.2	0	WIND SPEED	88.0	0
WIND SPEED	29.5	0	WIND SPEED	60.2	0	WIND SPEED	89.0	0
WIND SPEED	30.7	0	WIND SPEED	61.3	0	WIND SPEED	90.1	0
WIND SPEED	31.7	0	WIND SPEED	61.7	0	WIND SPEED	0.0	0

FREQUENCY DISTRIBUTION

DIRECTION	6.0	1	DIRECTION	132.0	2	DIRECTION	248.0	0
DIRECTION	14.0	3	DIRECTION	134.0	5	DIRECTION	252.0	0
DIRECTION	19.0	0	DIRECTION	137.0	2	DIRECTION	255.0	0
DIRECTION	24.0	0	DIRECTION	141.0	2	DIRECTION	258.0	0
DIRECTION	30.0	0	DIRECTION	143.0	0	DIRECTION	261.0	0
DIRECTION	36.0	1	DIRECTION	144.0	2	DIRECTION	264.0	0
DIRECTION	44.0	1	DIRECTION	145.0	0	DIRECTION	268.0	0
DIRECTION	48.0	0	DIRECTION	148.0	0	DIRECTION	271.0	0
DIRECTION	54.0	0	DIRECTION	151.0	3	DIRECTION	274.0	0
DIRECTION	58.0	0	DIRECTION	155.0	1	DIRECTION	278.0	0
DIRECTION	60.0	0	DIRECTION	159.0	1	DIRECTION	281.0	0
DIRECTION	64.0	1	DIRECTION	162.0	1	DIRECTION	284.0	0
DIRECTION	66.0	1	DIRECTION	165.0	1	DIRECTION	287.0	1
DIRECTION	67.0	0	DIRECTION	167.0	0	DIRECTION	288.0	0
DIRECTION	68.0	0	DIRECTION	170.0	0	DIRECTION	291.0	0
DIRECTION	71.0	0	DIRECTION	174.0	1	DIRECTION	294.0	0
DIRECTION	72.0	1	DIRECTION	178.0	0	DIRECTION	298.0	0
DIRECTION	75.0	0	DIRECTION	183.0	0	DIRECTION	303.0	0
DIRECTION	79.0	0	DIRECTION	187.0	0	DIRECTION	306.0	0
DIRECTION	80.0	1	DIRECTION	190.0	0	DIRECTION	310.0	0
DIRECTION	82.0	2	DIRECTION	192.0	0	DIRECTION	314.0	1
DIRECTION	83.0	0	DIRECTION	194.0	0	DIRECTION	318.0	0
DIRECTION	84.0	3	DIRECTION	195.0	0	DIRECTION	322.0	0
DIRECTION	86.0	2	DIRECTION	197.0	0	DIRECTION	325.0	0
DIRECTION	89.0	2	DIRECTION	199.0	0	DIRECTION	329.0	0
DIRECTION	92.0	2	DIRECTION	202.0	0	DIRECTION	332.0	0
DIRECTION	96.0	0	DIRECTION	206.0	0	DIRECTION	336.0	0
DIRECTION	99.0	1	DIRECTION	209.0	0	DIRECTION	338.0	0
DIRECTION	101.0	0	DIRECTION	213.0	0	DIRECTION	340.0	0
DIRECTION	102.0	0	DIRECTION	216.0	0	DIRECTION	341.0	0
DIRECTION	103.0	0	DIRECTION	219.0	0	DIRECTION	342.0	0
DIRECTION	106.0	0	DIRECTION	223.0	1	DIRECTION	343.0	0
DIRECTION	108.0	1	DIRECTION	226.0	0	DIRECTION	344.0	1
DIRECTION	116.0	2	DIRECTION	230.0	0	DIRECTION	346.0	0
DIRECTION	118.0	3	DIRECTION	234.0	0	DIRECTION	349.0	0
DIRECTION	121.0	5	DIRECTION	238.0	0	DIRECTION	351.0	0
DIRECTION	124.0	3	DIRECTION	242.0	0	DIRECTION	354.0	1
DIRECTION	127.0	1	DIRECTION	243.0	0	DIRECTION	356.0	0
DIRECTION	129.0	1	DIRECTION	244.0	0	DIRECTION	2.0	1
			DIRECTION	246.0	0	DIRECTION	0.0	0

APPENDIX D

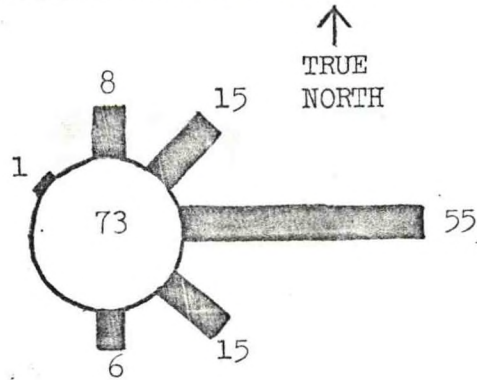
1970 NOMAD Surface Wind-Direction Frequency
Distribution for buoys N4E, N5E, and N6E

Appendix D depicts the 1970 monthly frequency-distribution of the surface wind-direction for the NOMAD buoys N4E (July--September), N5E (June--November), and N6E (August--September). Numbers associated with the bars represent the percentage of occurrences of wind-direction for each of the eight major compass points with respect to True North. The total number of NOMAD observations are shown inside the circle.

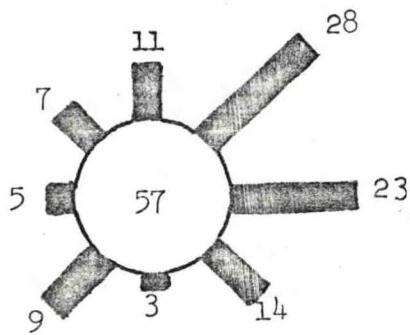
All surface wind-directions were considered valid data for the year, at the respective buoy sites. It was concluded that in recording instantaneous wind-directions, large fluctuations in direction could be present, resulting from local unstable atmospheric conditions, light or calm winds, and movements of the buoy.

1970 NOMAD N4E

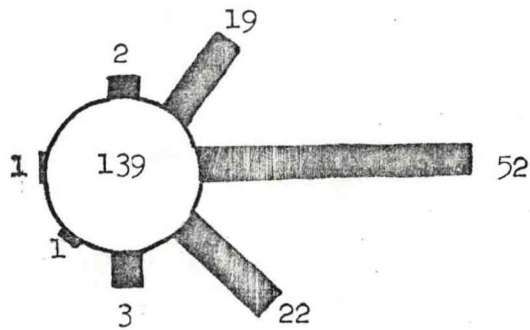
SURFACE WIND DIRECTION FREQUENCY



7/22/70 to 7/31/70



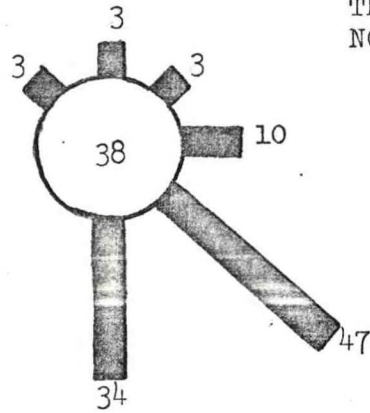
8/1/70 to 8/3/70
8/26/70 to 8/31/70



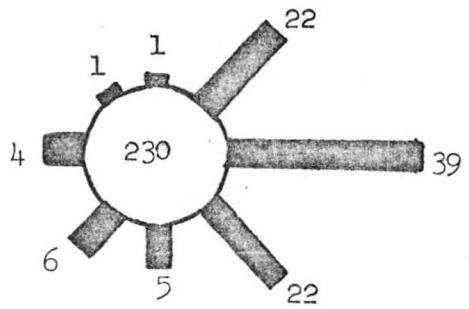
9/1/70 to 9/21/70

SURFACE WIND DIRECTION FREQUENCY

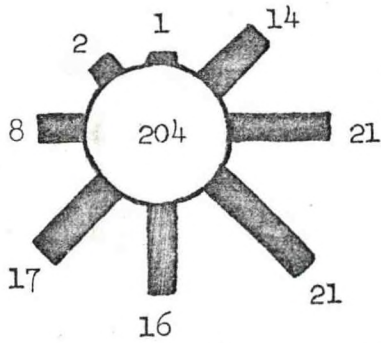
↑
TRUE
NORTH



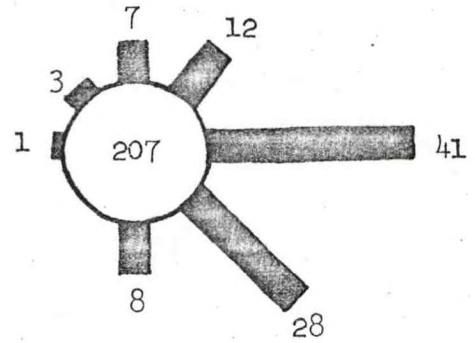
6/24/70 to 6/30/70



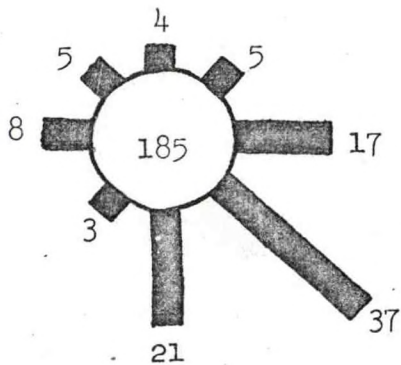
7/1/70 to 7/31/70



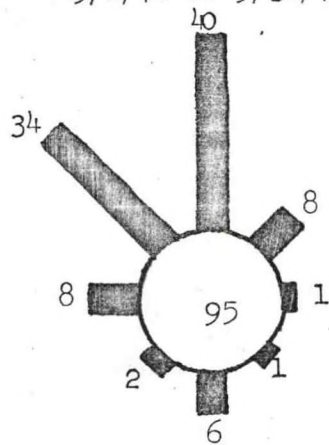
8/1/70 to 8/31/70



9/1/70 to 9/30/70



10/1/70 to 10/31/70

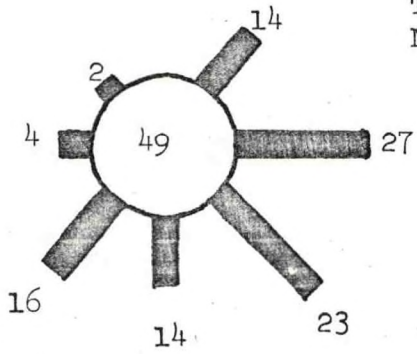


11/1/70 to 11/19/70

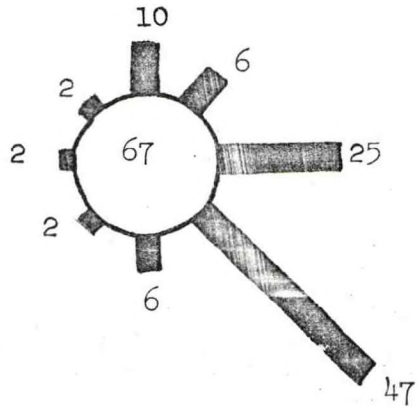
1970 NOMAD N6E

SURFACE WIND DIRECTION FREQUENCY

↑
TRUE
NORTH



8/25/70 to 8/31/70



9/1/70 to 9/9/70