United States
Environmental Protection
Agency

Air And Radiation
(ANR-461)

EPA520/1-91-009A
June 1991

EPA

Ocean Current Measurements At The Farallon Islands Low-Level Radioactive Waste Disposal Site 1977 - 1978

Appendix

EPA 520/1-91-009/A

APPENDICES

to

Ocean Current Measurements

at the

Farallon Islands

Low-Level Radioactive Waste Disposal Site

1977 - 1978

Prepared under Contract 68-01-0796

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U.S. Environmental Protection Agency
Washington, D.C.

Printed on Recycled Paper

CONTENTS

APPENDICES	Title	Page
A	TIME HISTORY - SPEED AND DIRECTION	A-1
B	TIME HISTORY PLOTS - NORTH, EAST CURRENTS	B-1
C	HISTOGRAMS	C-1
D	SCATTERGRAMS	D-1
E	SPECTRA - NORTH, EAST COMPONENTS	E-1
F	PROGRESSIVE VECTOR DIAGRAMS	F-1
G	STICK PLOTS	G-1
H	SUMMARY STATISTICS	H-1

Appendix A

TIME HISTORY - SPEED AND DIRECTION

Appendix A contains a continuous record of monthly time series plots of current speed and direction from all of the meters in the 1977-1978 survey. These plots are described in detail in Section 4 of the report. They are listed below:

Aanderaa #2830: Current Speed and Direction for October 1977 . . . . . Figure A-1

Aanderaa #2830: Current Speed and Direction for November 1977 . . . . . Figure A-2

Aanderaa #2830: Current Speed and Direction for December 1977 . . . . . Figure A-3

Aanderaa #2830: Current Speed and Direction for January 1978 . . . . . Figure A-4

Aanderaa #2830: Current Speed and Direction for February 1978 . . . . . Figure A-5

Aanderaa #2918 Current Speed and Direction for October 1977 . . . . . Figure A-6

Aanderaa #2918 Current Speed and Direction for November 1977 . . . . . Figure A-7

Aanderaa #2918: Current Speed and Direction for December 1977 . . . . . Figure A-8

Aanderaa #2919: Current Speed and Direction for October 1977 . . . . . Figure A-9

Aanderaa #2919: Current Speed and Direction for November 1977 . . . . . Figure A-10

Aanderaa #2919: Current Speed and Direction for December 1977 . . . . . Figure A-11

Aanderaa #2919: Current Speed and Direction for January 1978 . . . . . Figure A-12

Aanderaa #2919: Current Speed and Direction for February 1978 . . . . . Figure A-13

Aanderaa #2919: Current Speed and Direction for March 1978 . . . . . Figure A-14

Aanderaa #2920: Current Speed and Direction for October 1977 . . . . . Figure A-15

Aanderaa #2920: Current Speed and Direction for November 1977 . . . . . Figure A-16

Aanderaa #2920: Current Speed and Direction for December 1977 . . . . . Figure A-17

Aanderaa #2920: Current Speed and Direction for January 1978 . . . . . Figure A-18

Aanderaa #2920: Current Speed and Direction for February 1978 . . . . . Figure A-19

Aanderaa #2920: Current Speed and Direction for March 1978 . . . . . Figure A-20

VACM: Current Speed and Direction for October 1978 . . . . . Figure A-21

VACM: Current Speed and Direction for November 1977 . . . . Figure A-22

VACM: Current Speed and Direction for December 1977 . . . Figure A-23

VACM: Current Speed and Direction for January 1978 . . . . Figure A-24

VACM: Current Speed and Direction for February 1978 . . . Figure A-25

VACM: Current Speed and Direction for March 1978 . . . . . Figure A-26

VACM: Current Speed and Direction for April 1978 . . . . . Figure A-27

VACM: Current Speed and Direction for May 1978 . . . . . Figure A-28

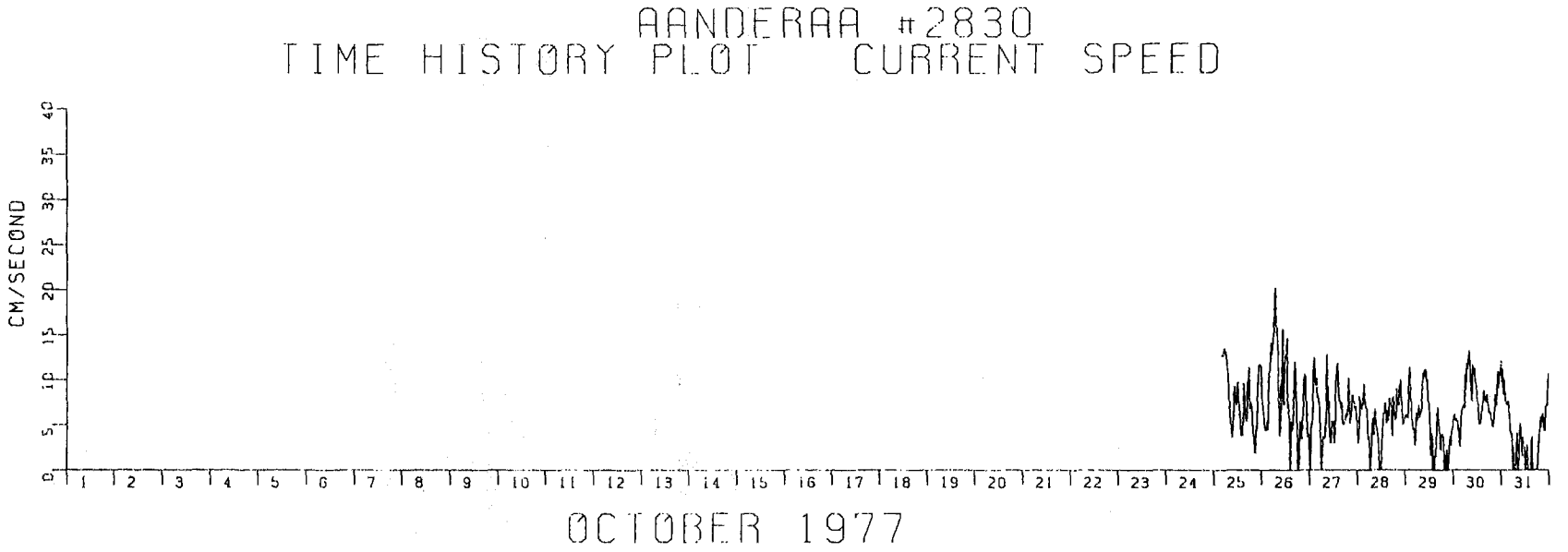
VACM: Current Speed and Direction for June 1978 . . . . . Figure A-29

VACM: Current Speed and Direction for July 1978 . . . . . Figure A-30

VACM: Current Speed and Direction for August 1978 . . . . Figure A-31

VACM: Current Speed and Direction for September 1978 . . . Figure A-32

VACM: Current Speed and Direction for October 1978 . . . . Figure A-33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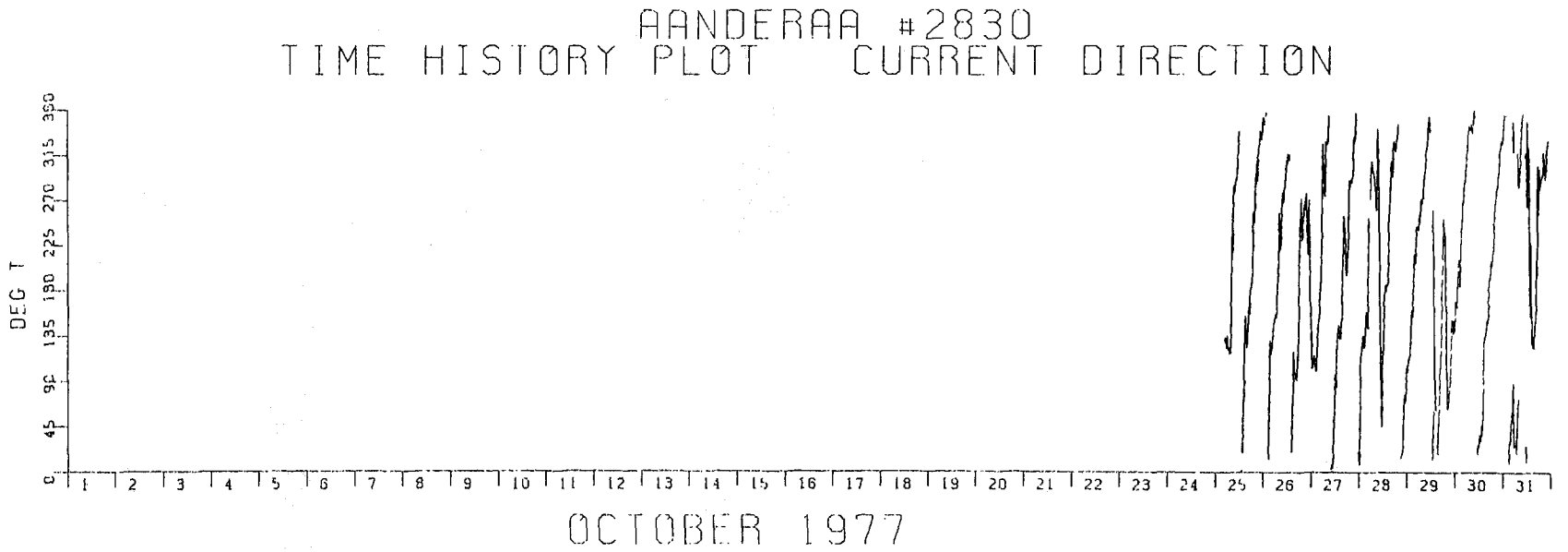
OCTOBER 1977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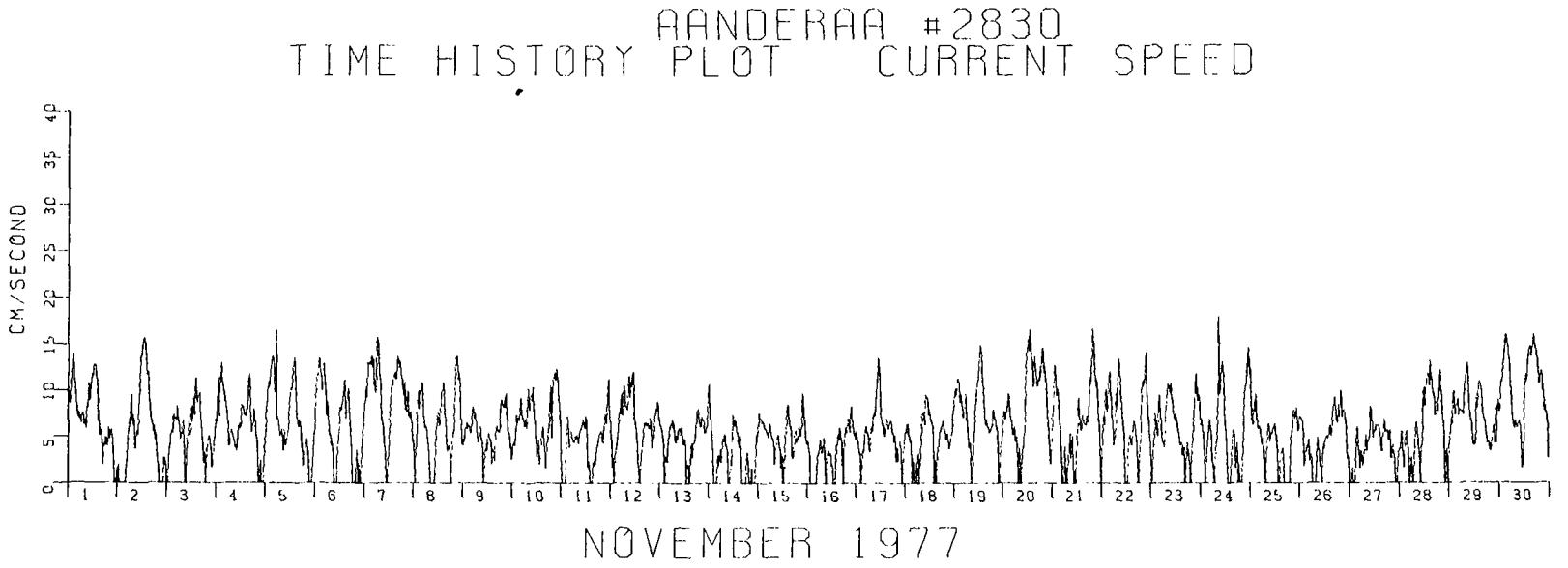
OCTOBER 1977

Figure A-1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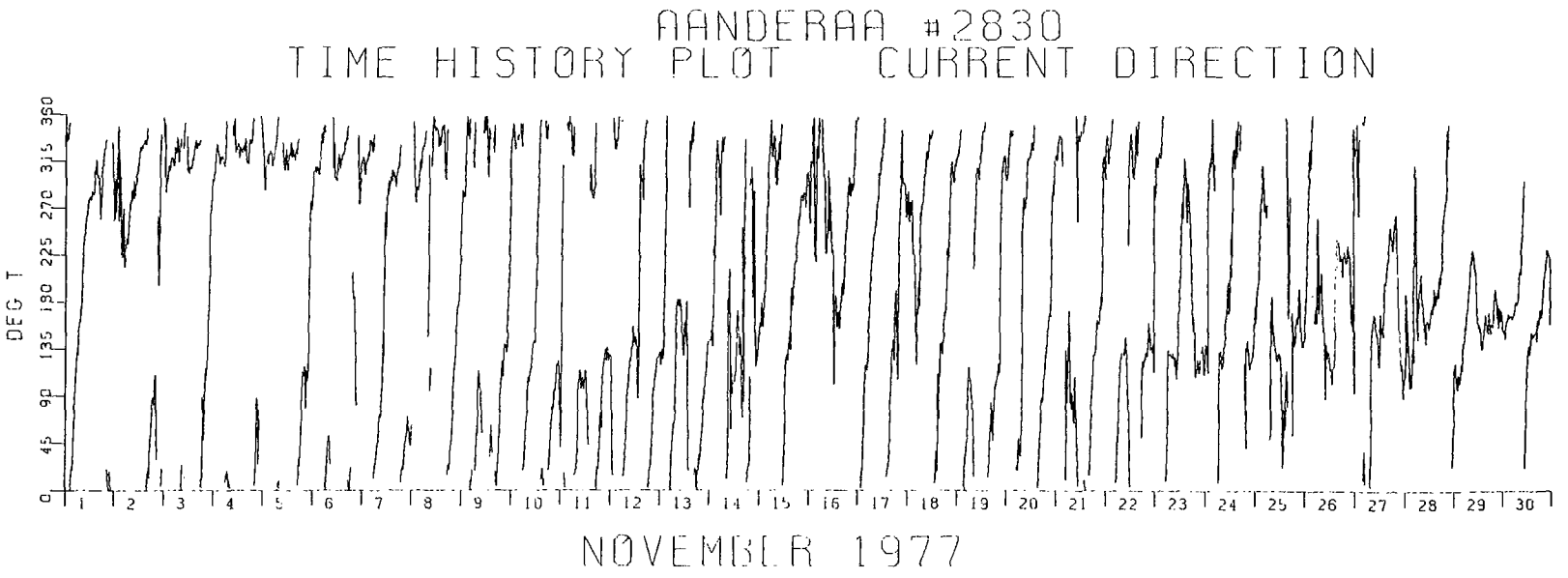
NOVEMBER 1977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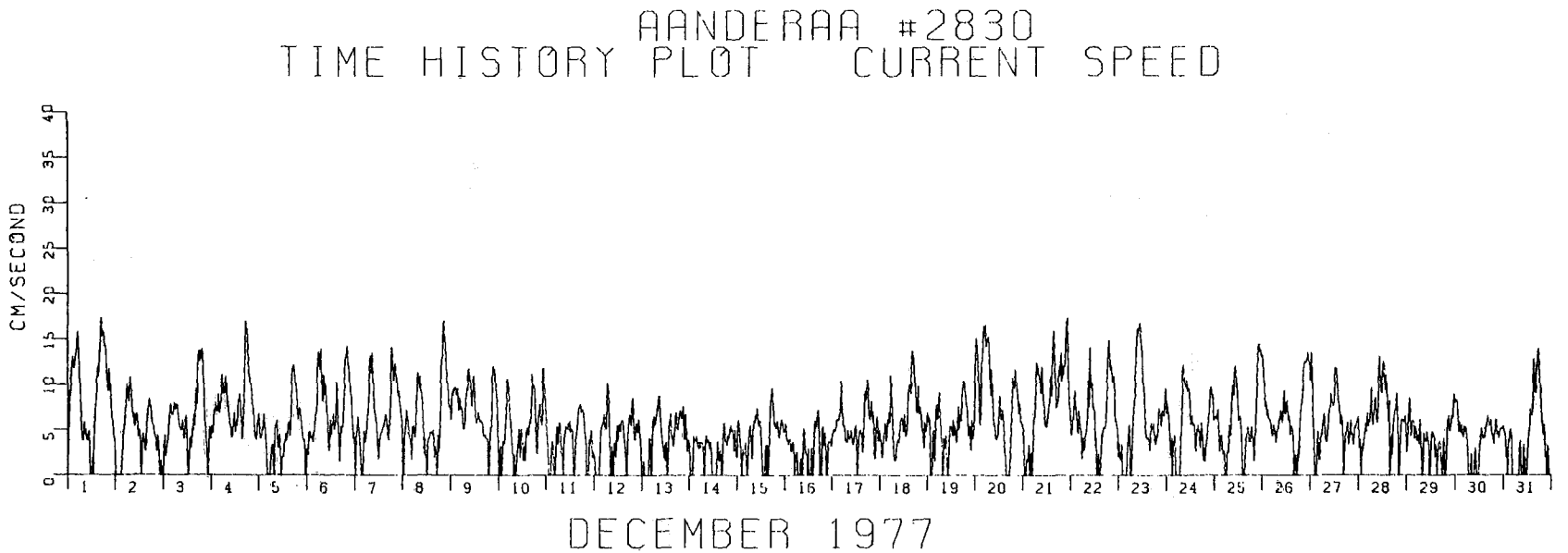
NOVEMBER 1977

Figure A-2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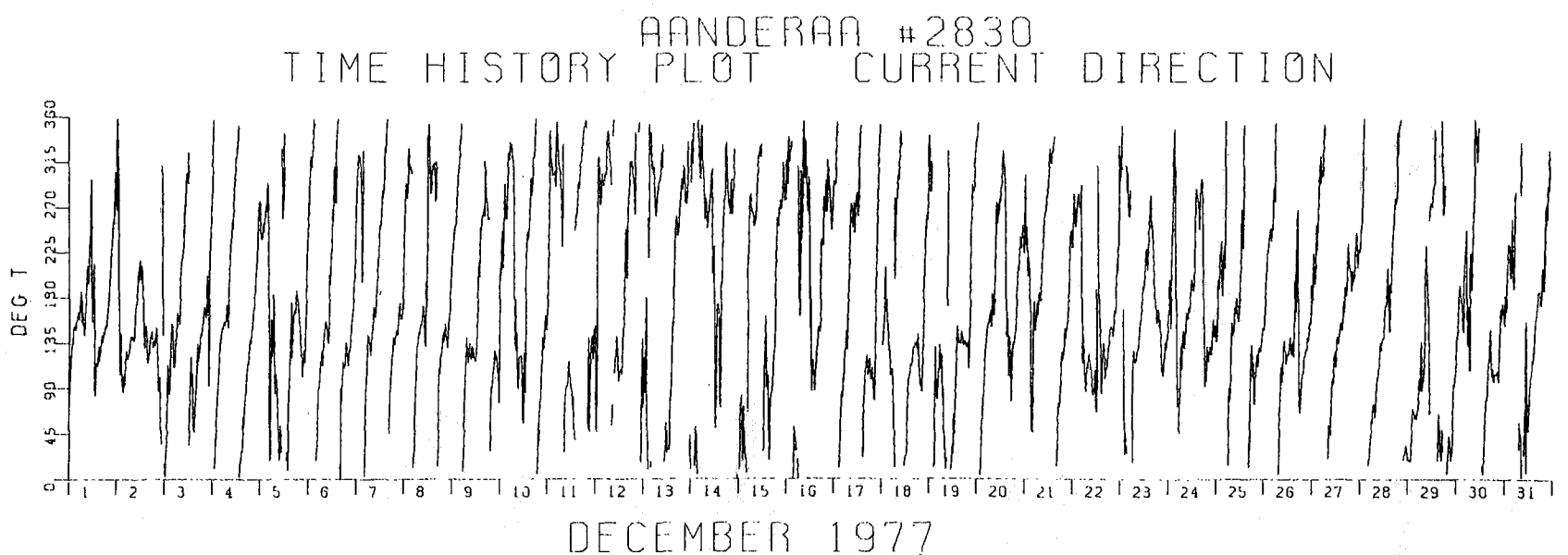
DECEMBER 1977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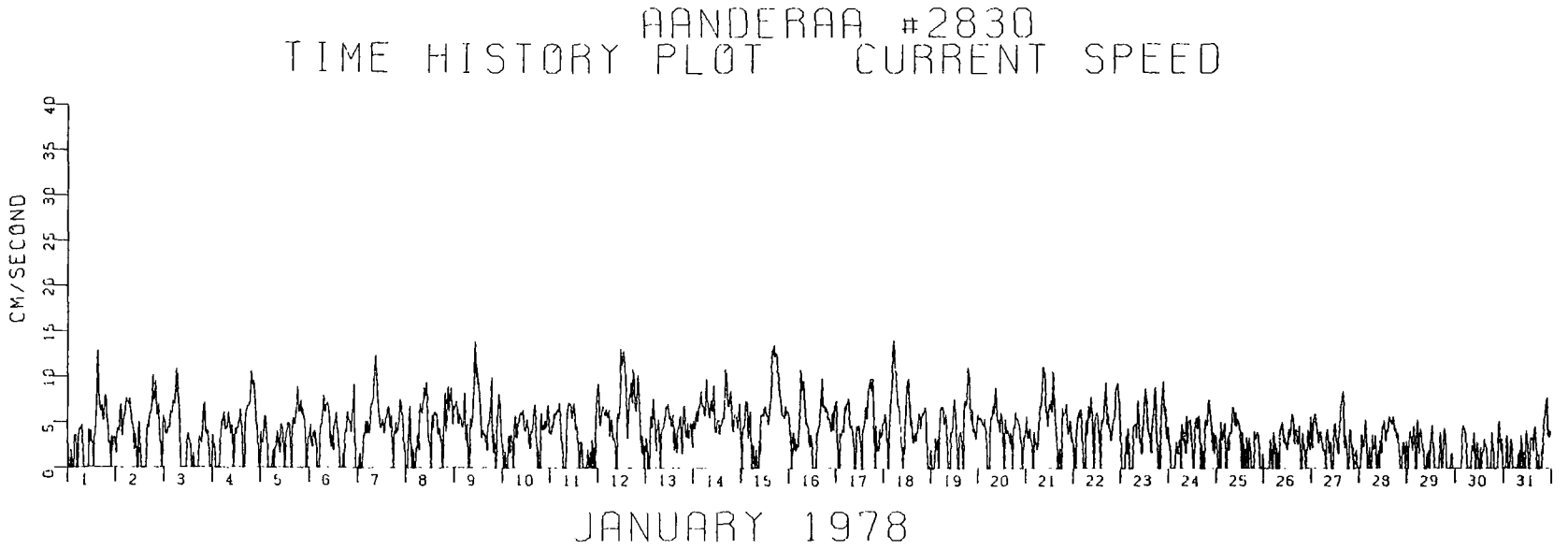
DECEMBER 1977

Figure A-3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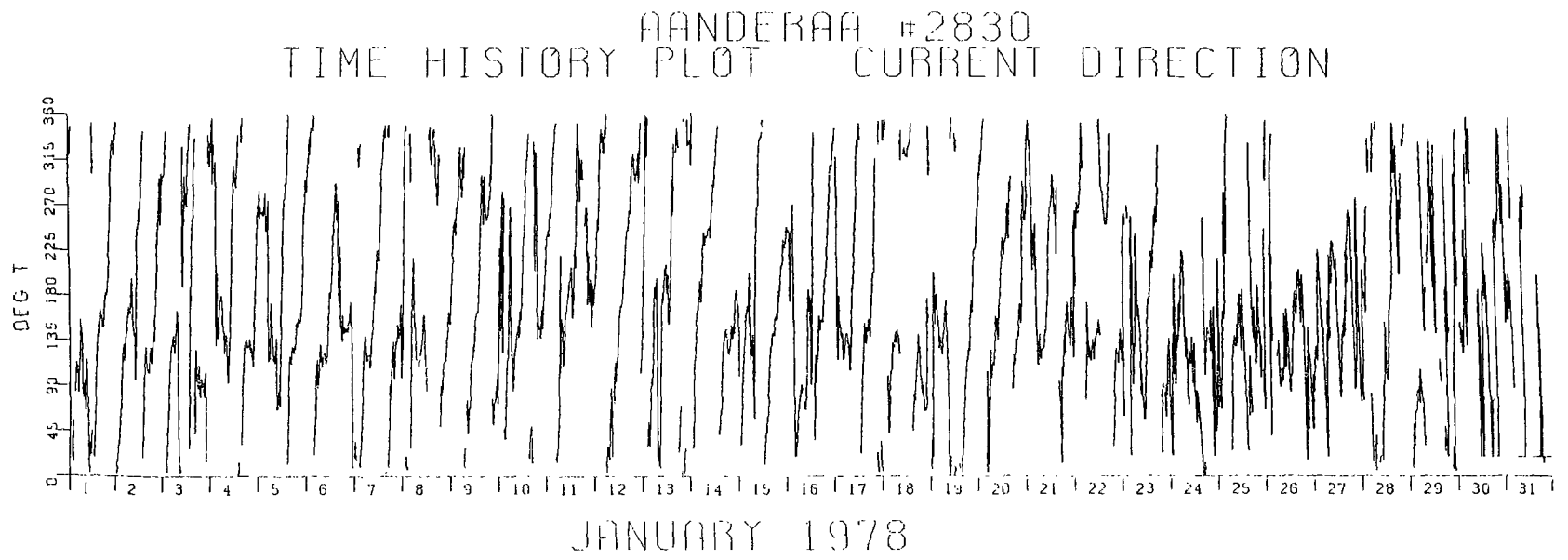
JANUARY 1978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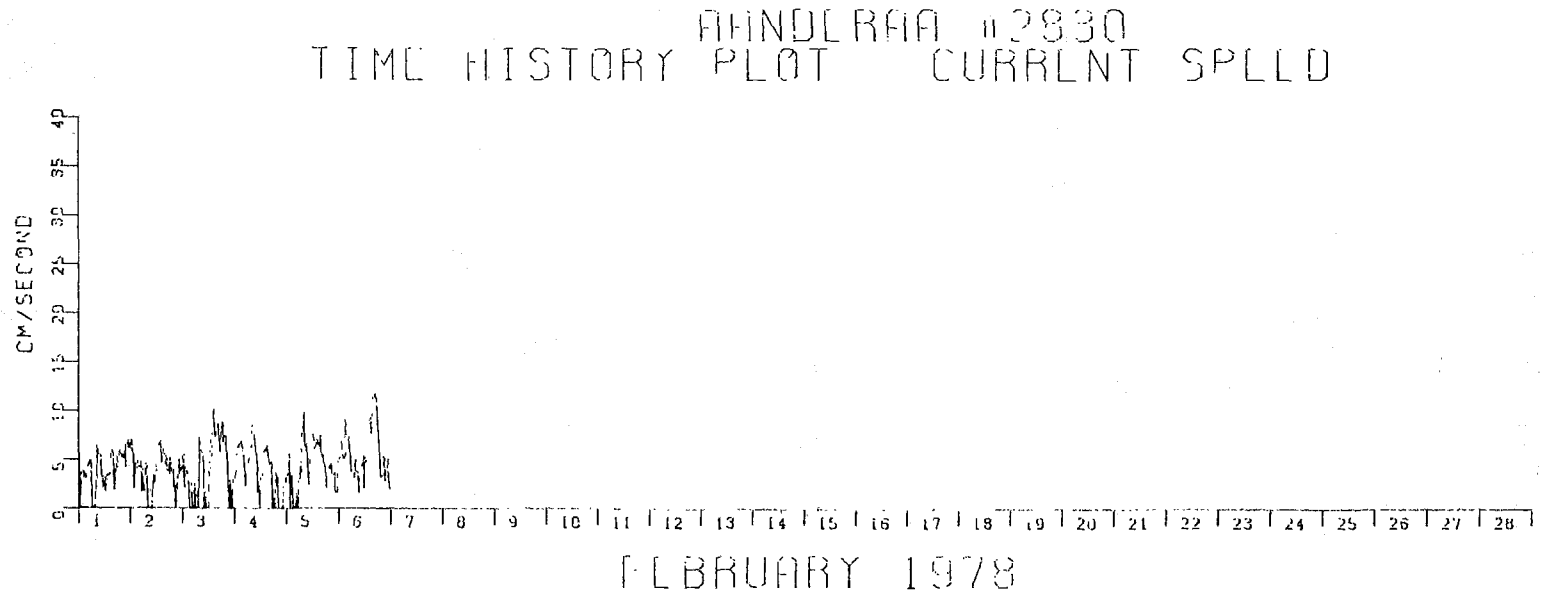
JANUARY 1978

Figure A-4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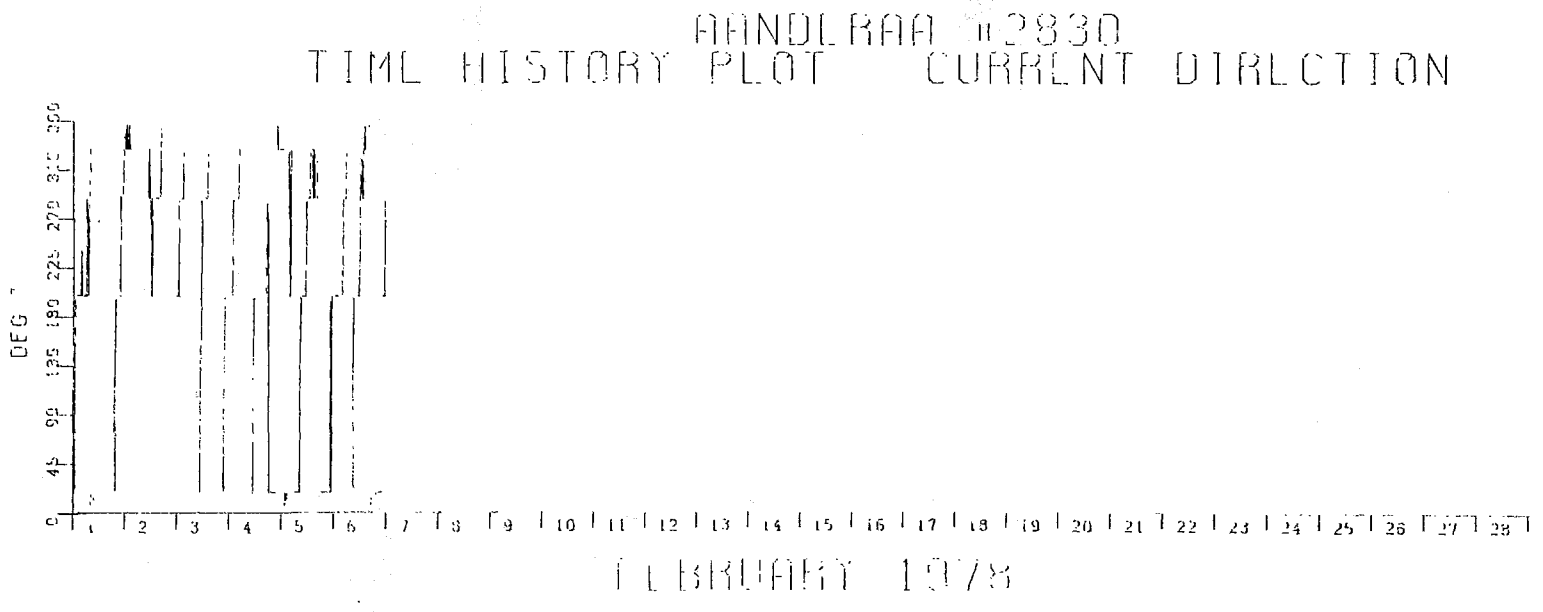
CM/SECOND
FEBRUARY 1978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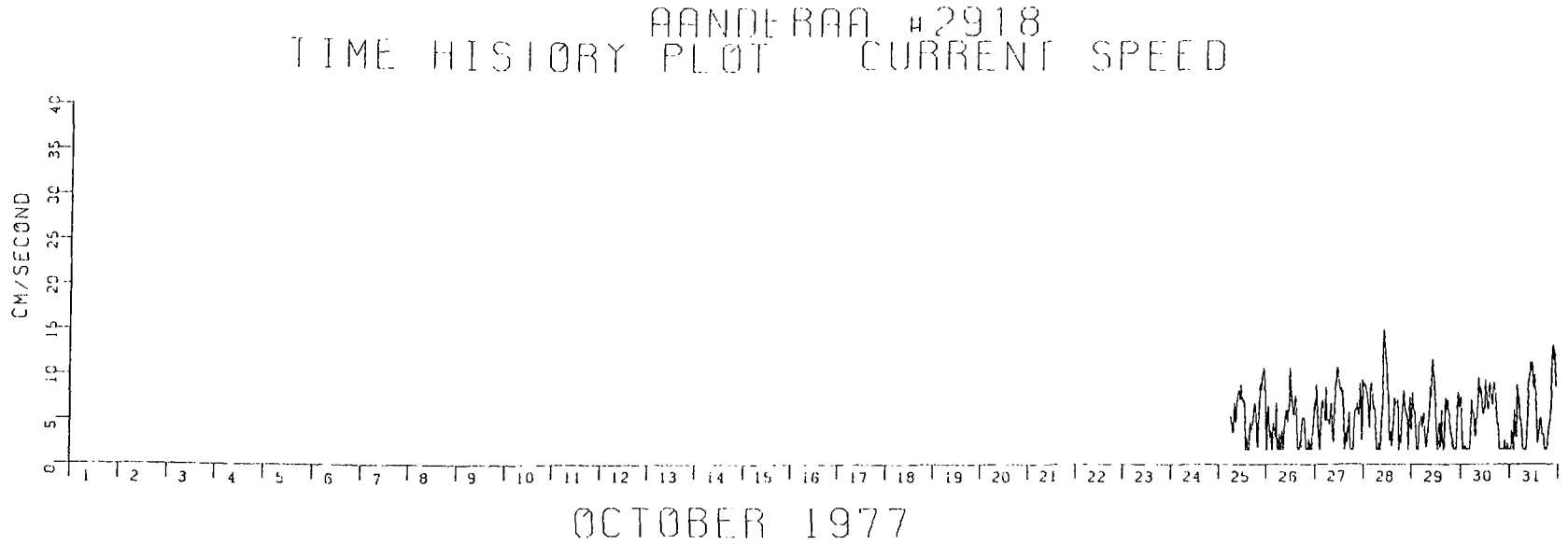
TIME HISTORY PLOT CURRENT DIRECTION
DEG
FEBRUARY 1978

Figure A-5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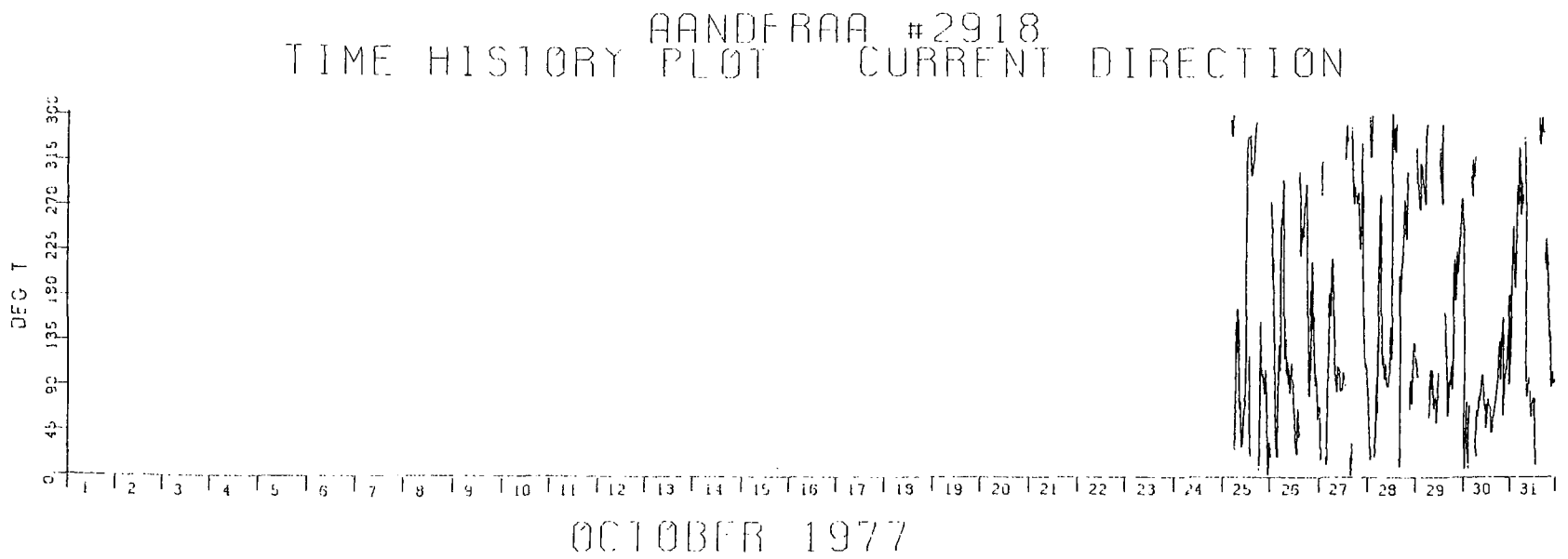
OCTOBER 1977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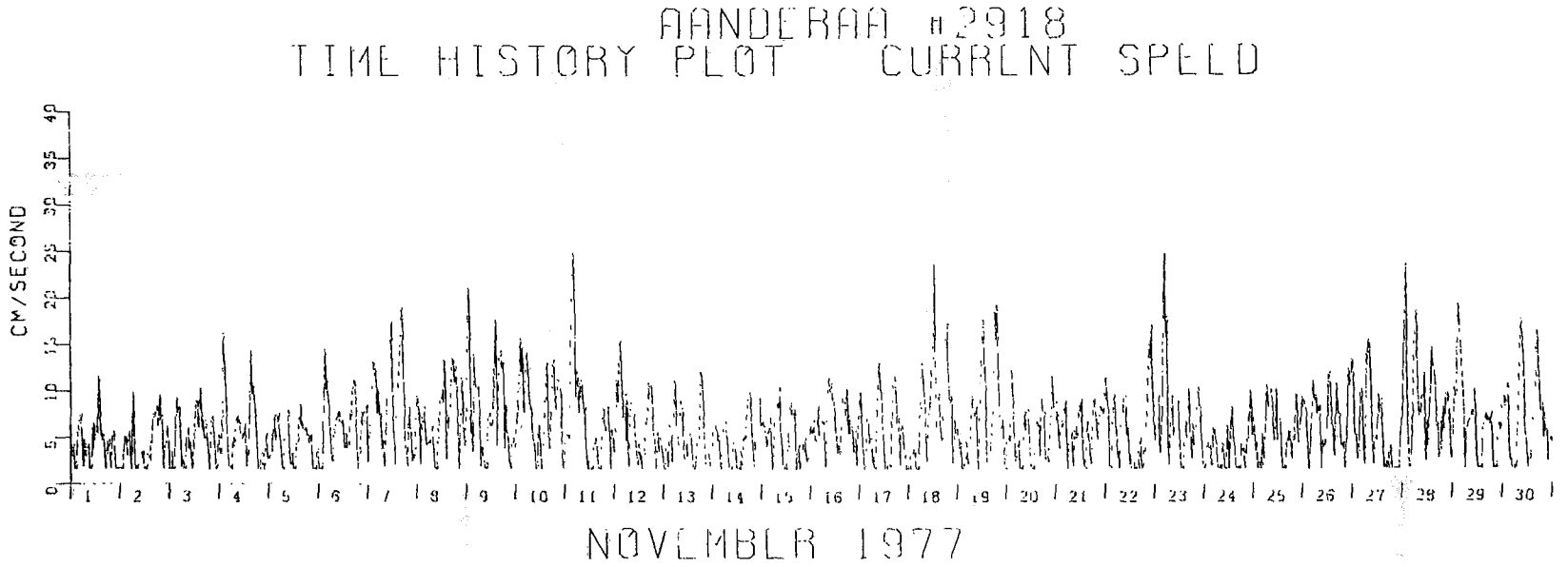
OCTOBER 1977

Figure A-6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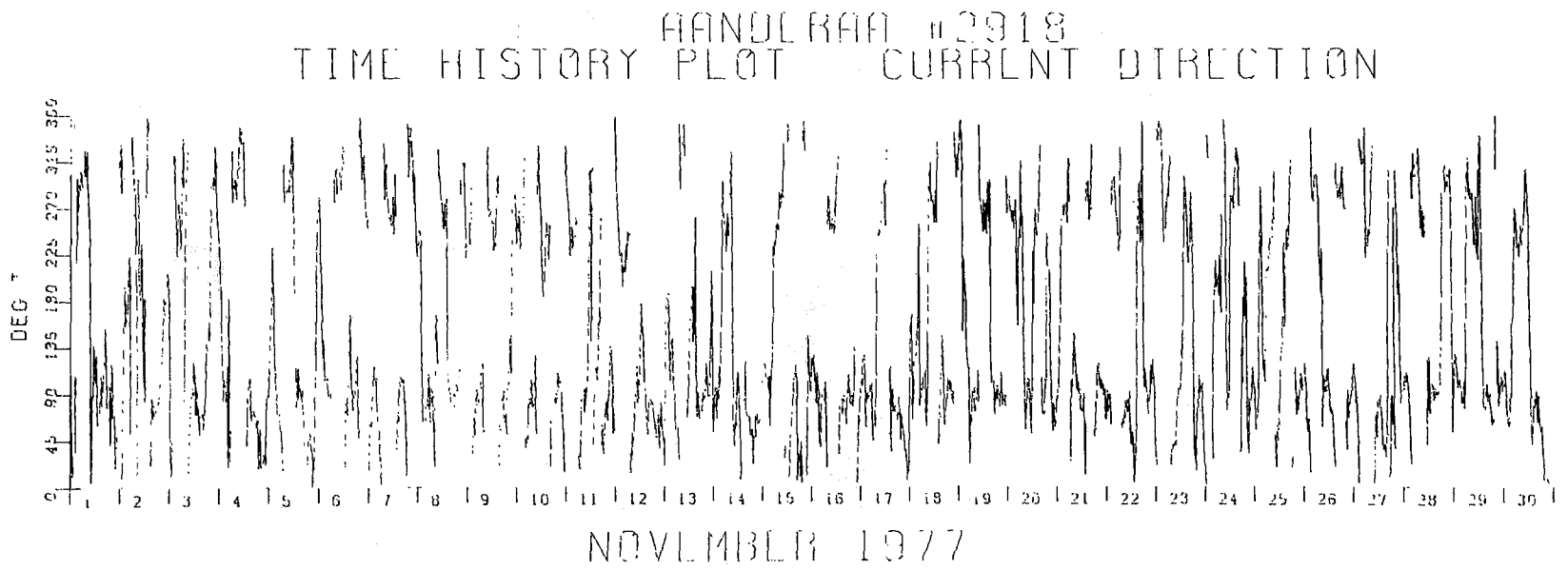
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DEG T
NOVEMBER 1977

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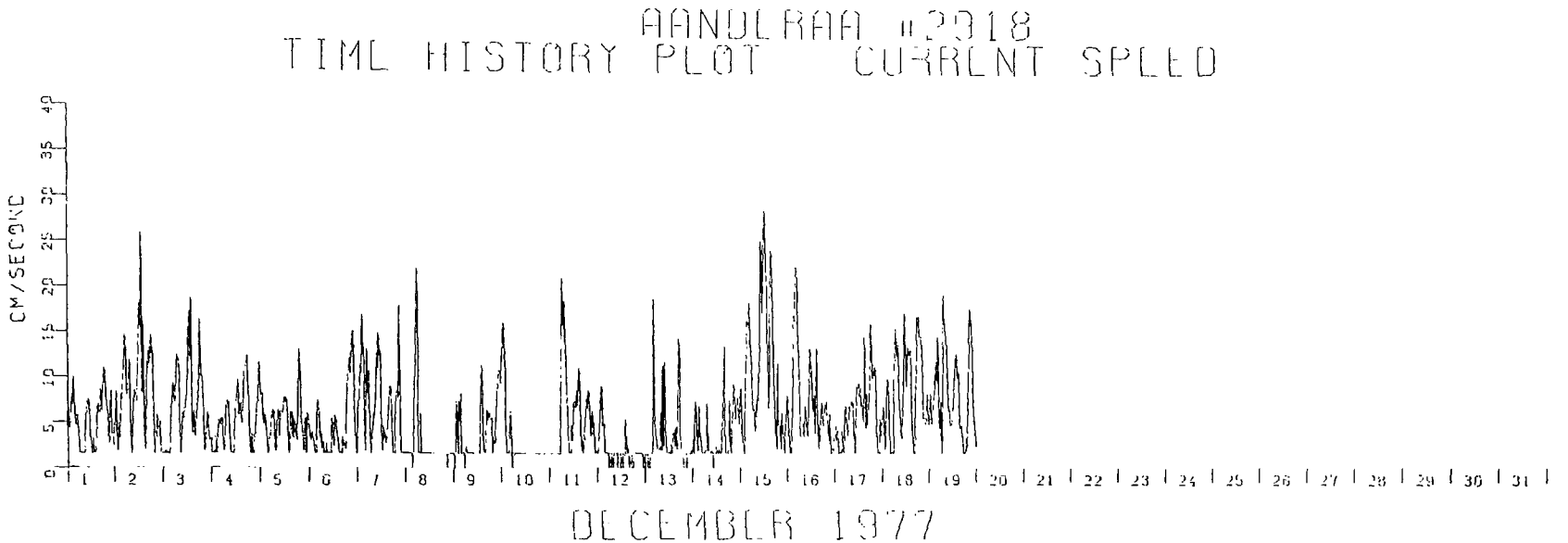
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CM/SECOND
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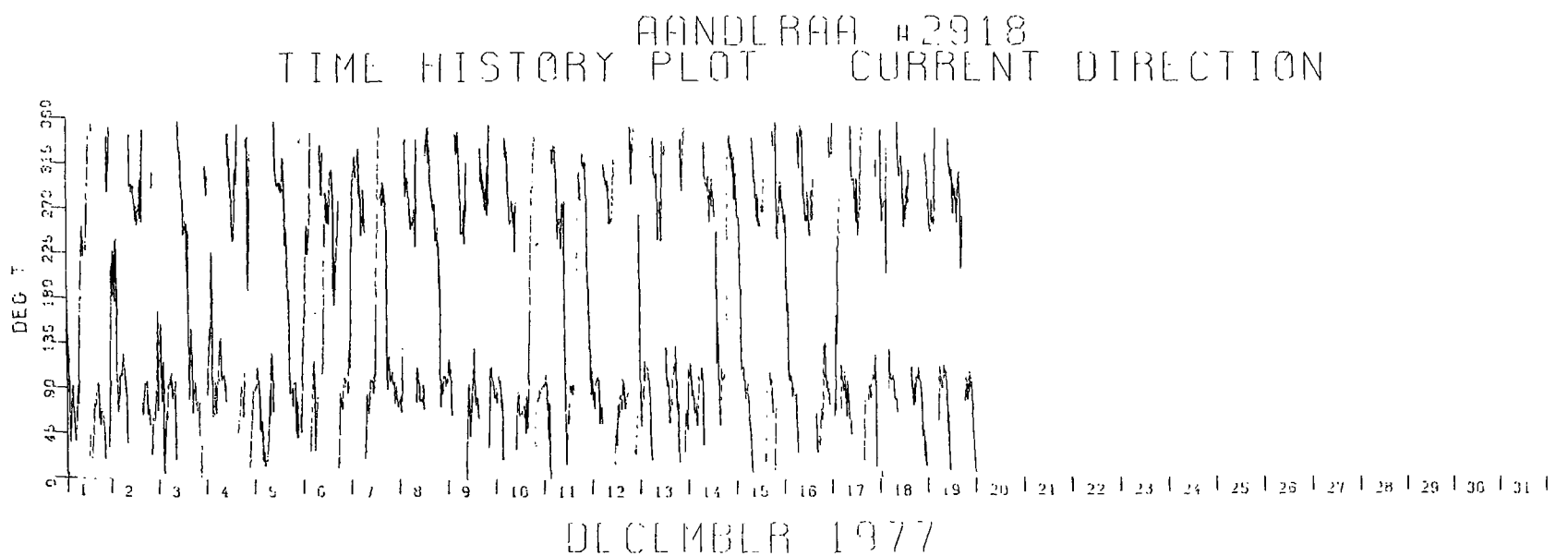
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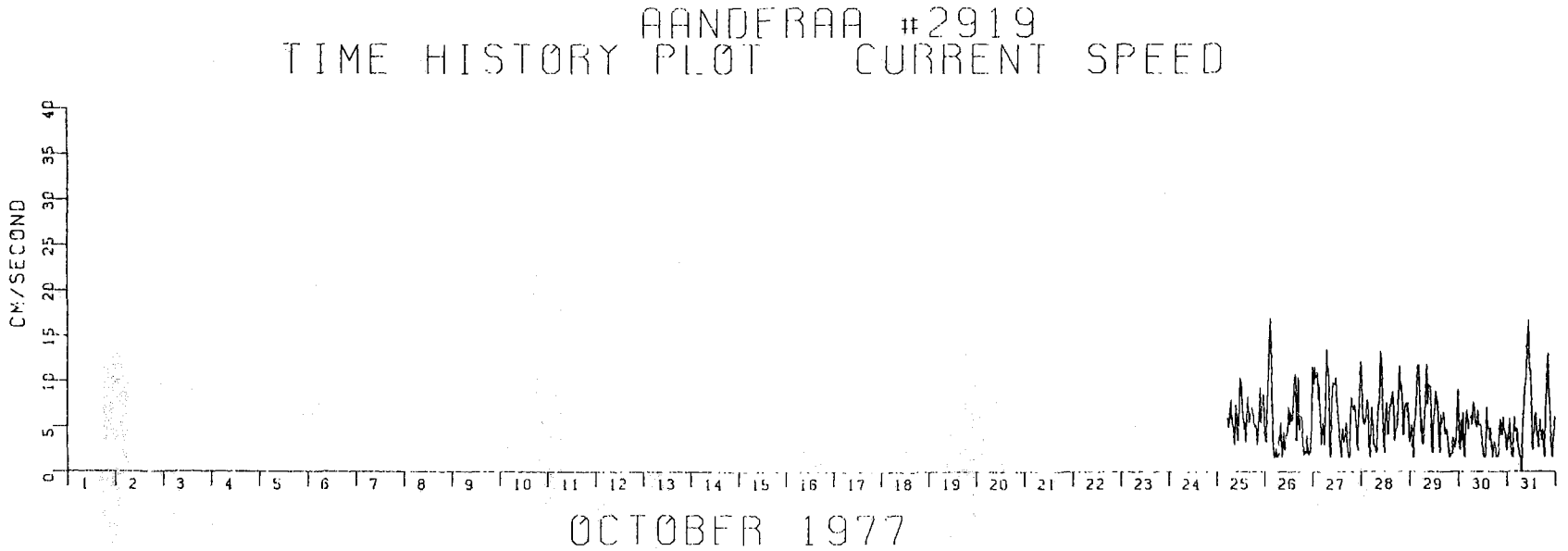
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
DECEMBER 1977

Figure A-8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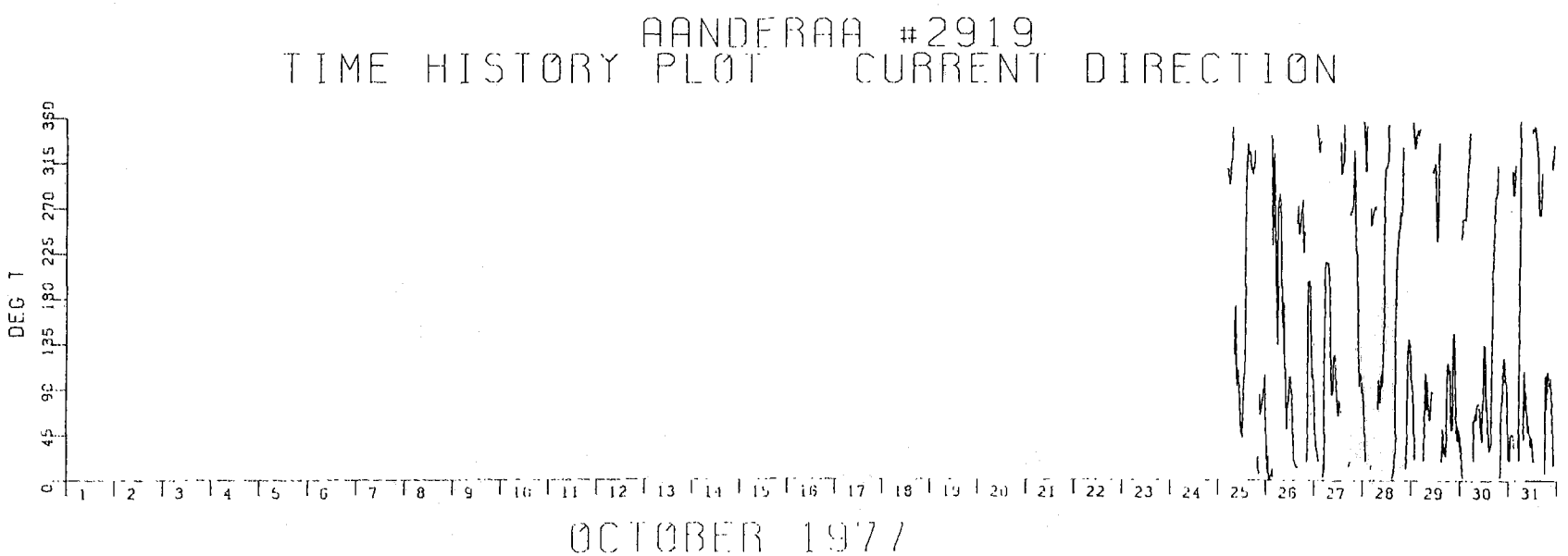
OCTOBER 1977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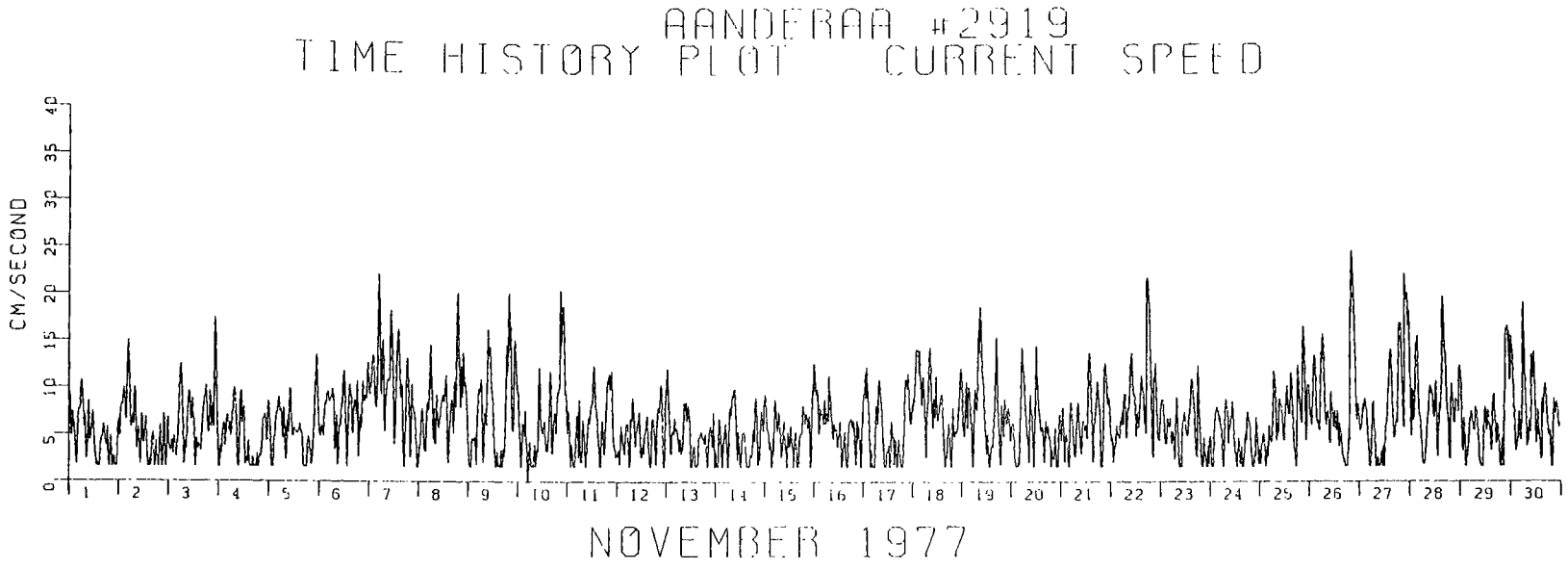
OCTOBER 1977

Figure A-9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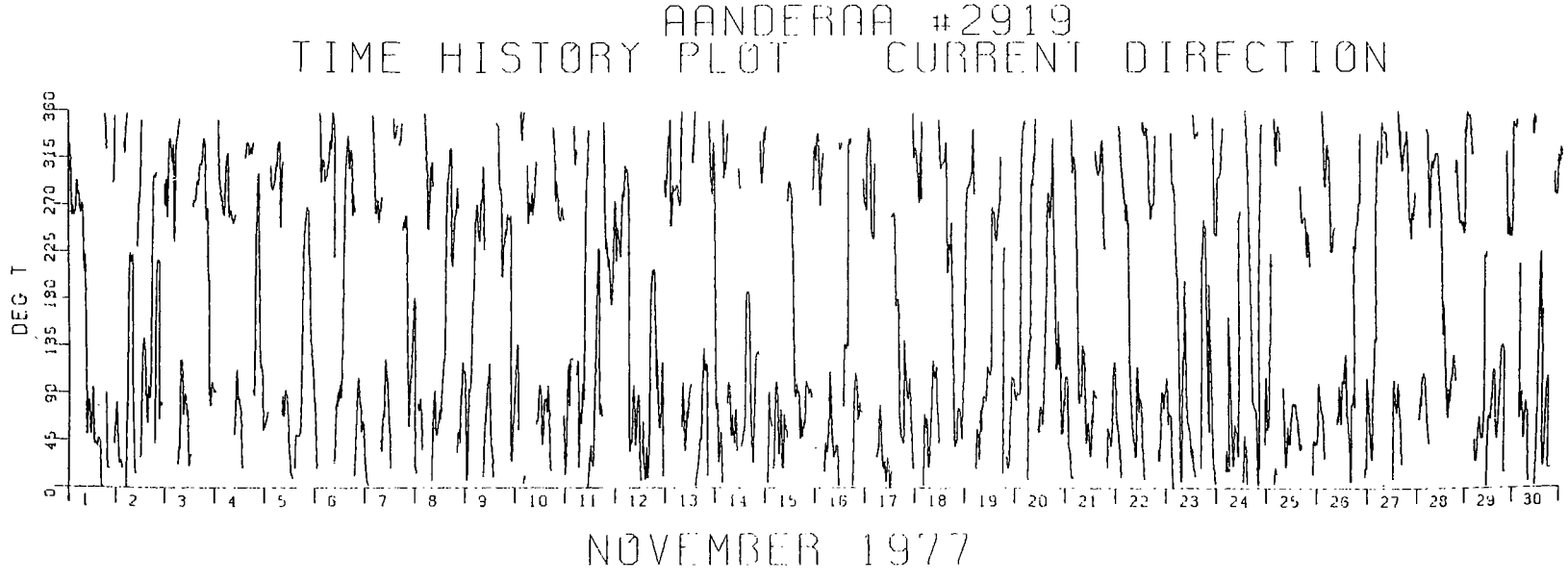
NOVEMBER 1977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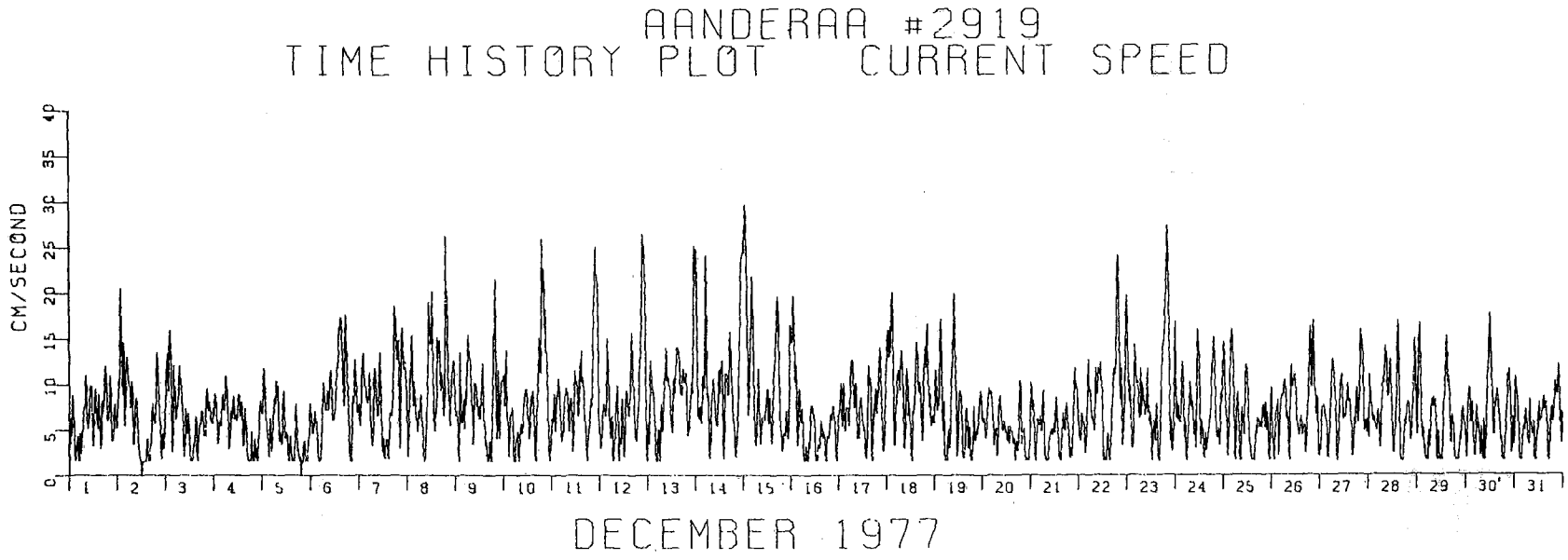
NOVEMBER 1977

Figure A-10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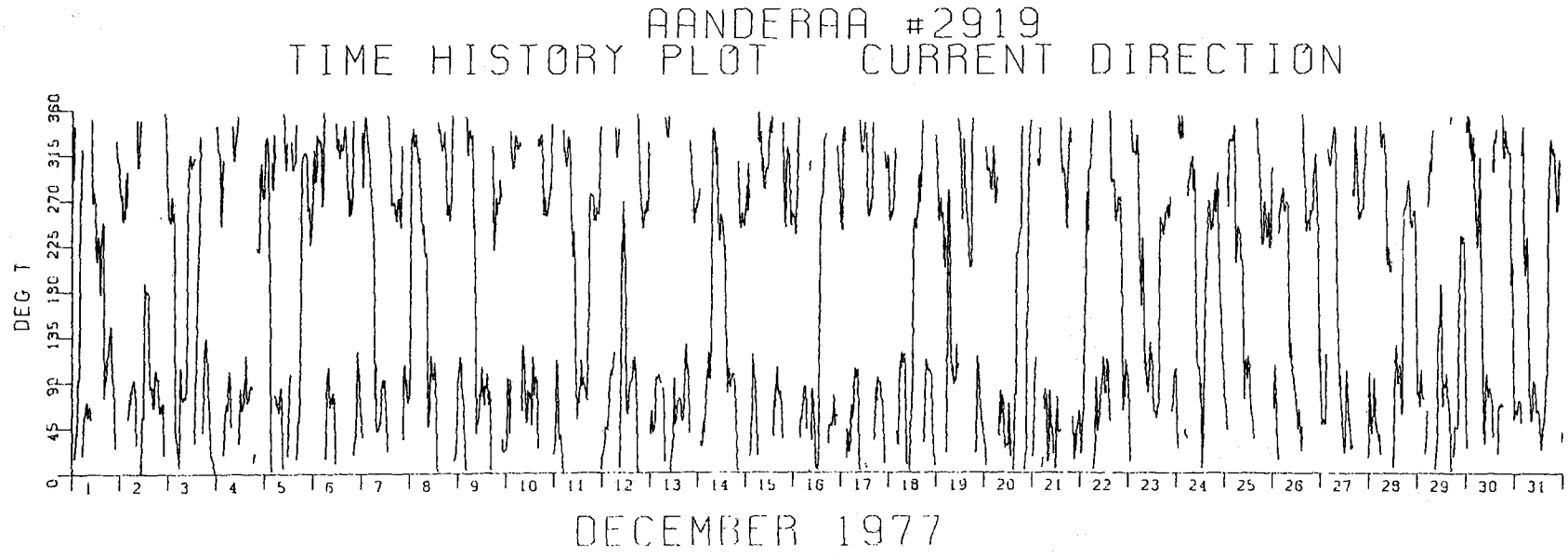
DECEMBER 1977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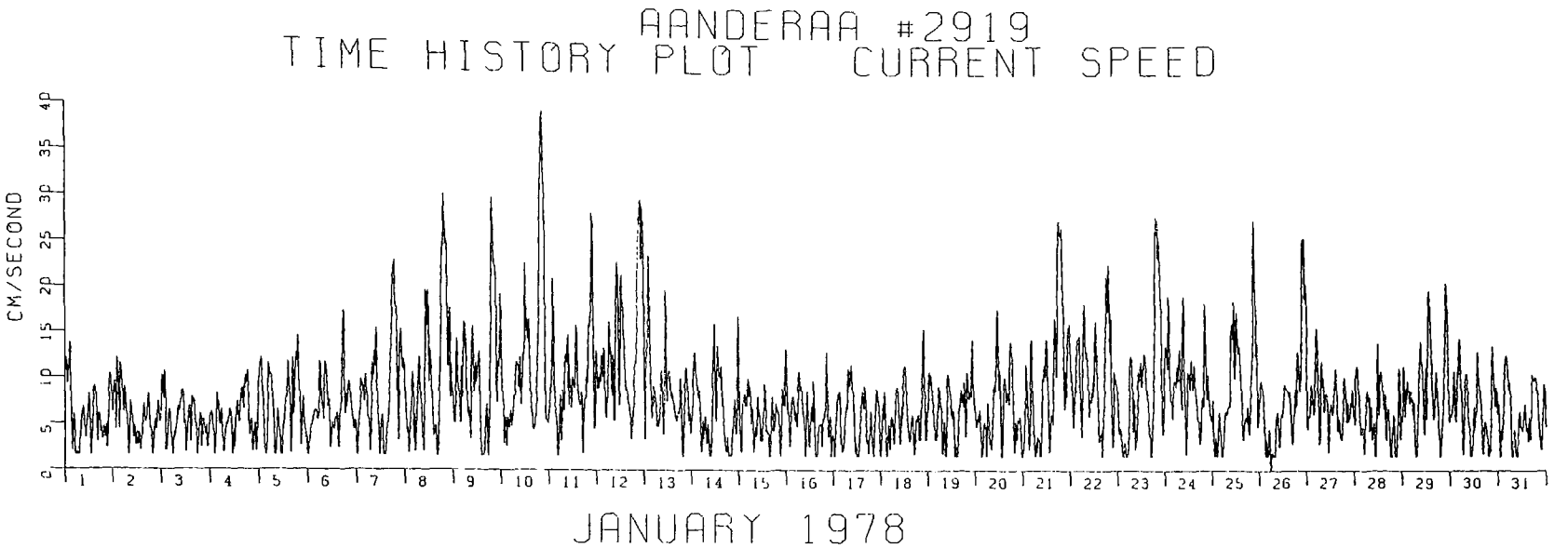
DECEMBER 1977

Figure A-11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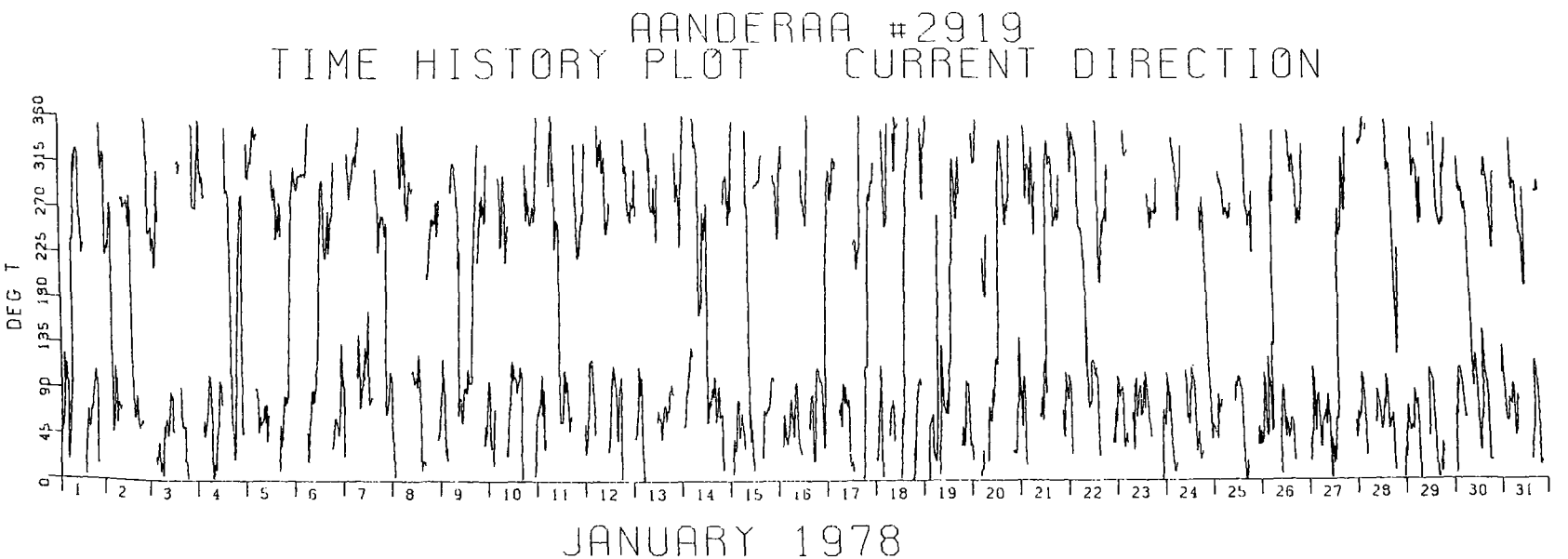
JANUARY 1978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JANUARY 1978

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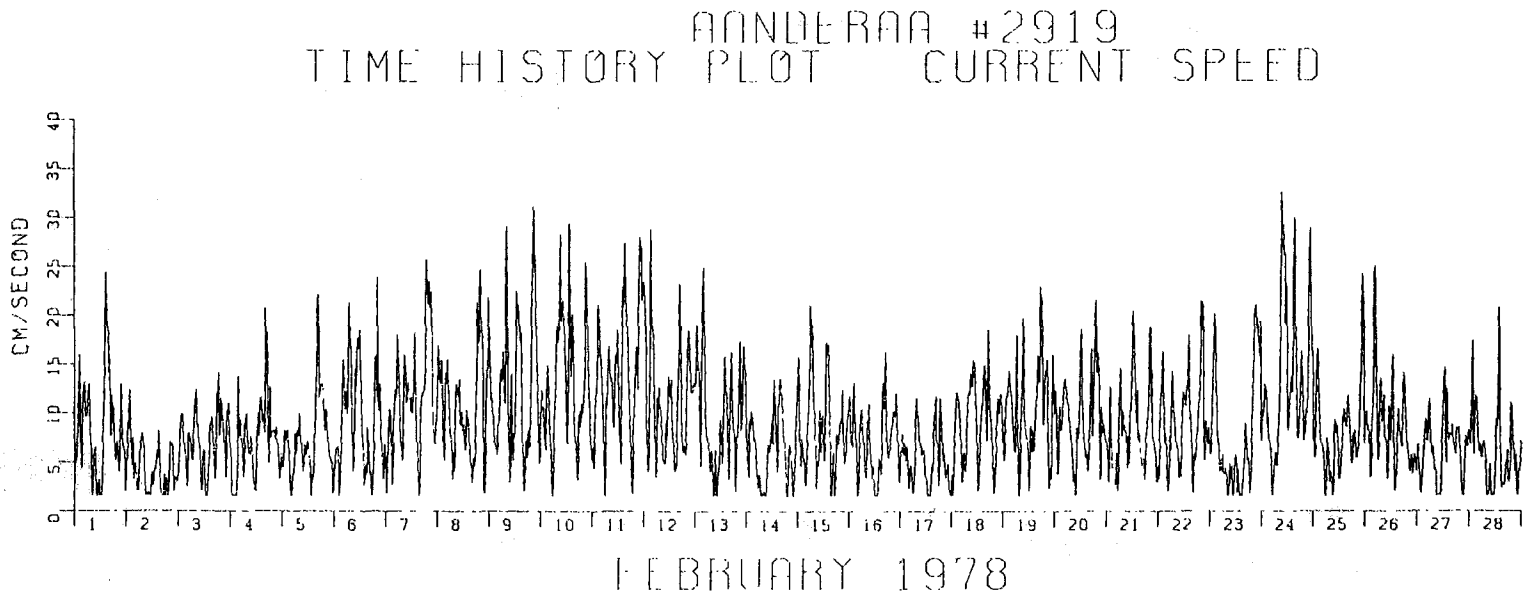
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FEBRUARY 1978

AANDERAA #2919
TIME HISTORY PLOT CURRENT DIRECTION
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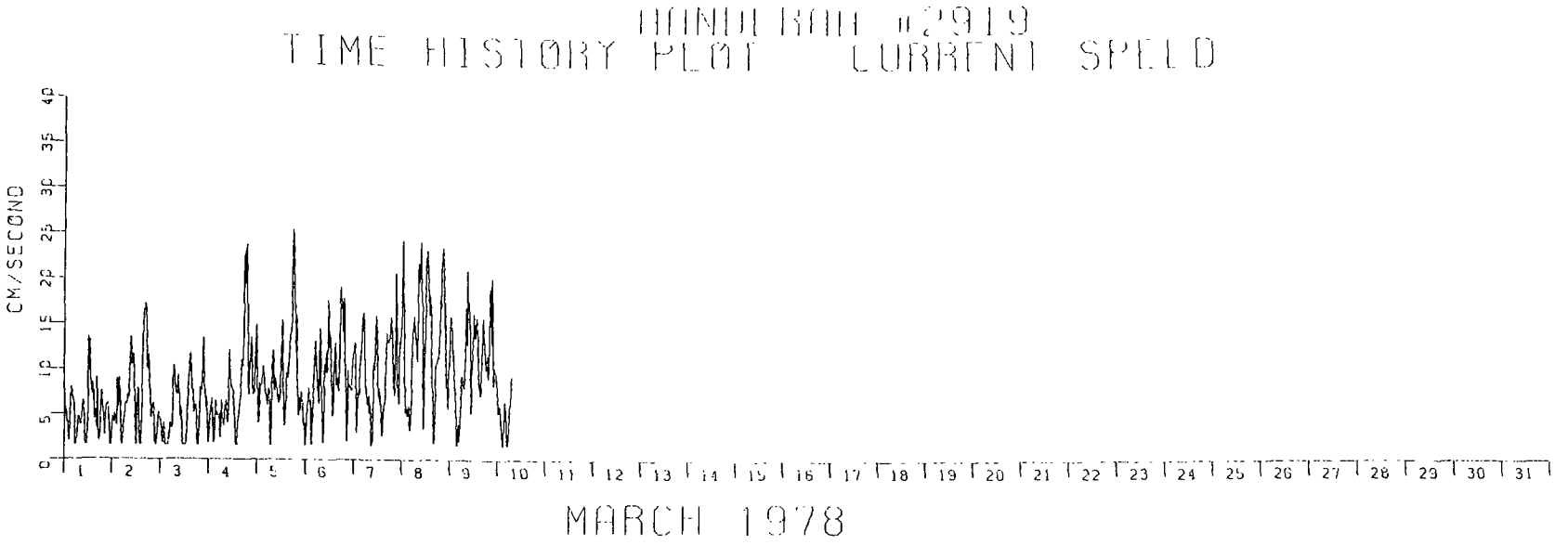
FEBRUARY 1978

Figure A-13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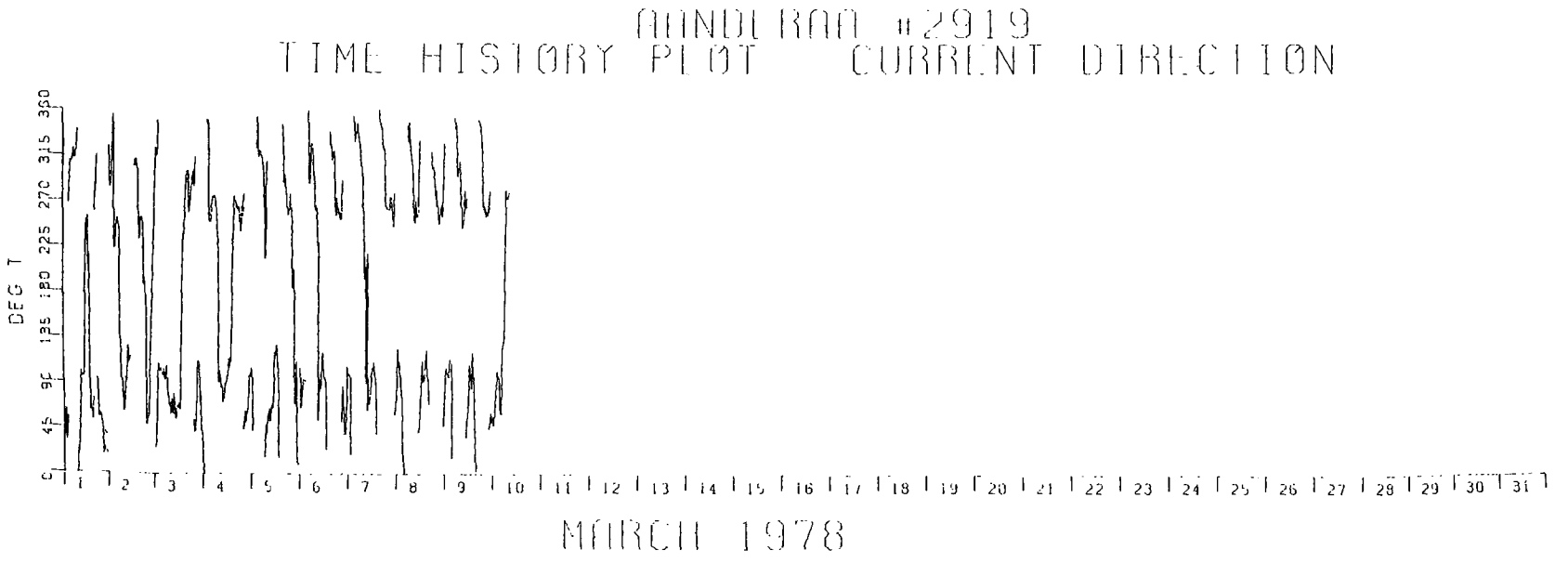
MARCH 1978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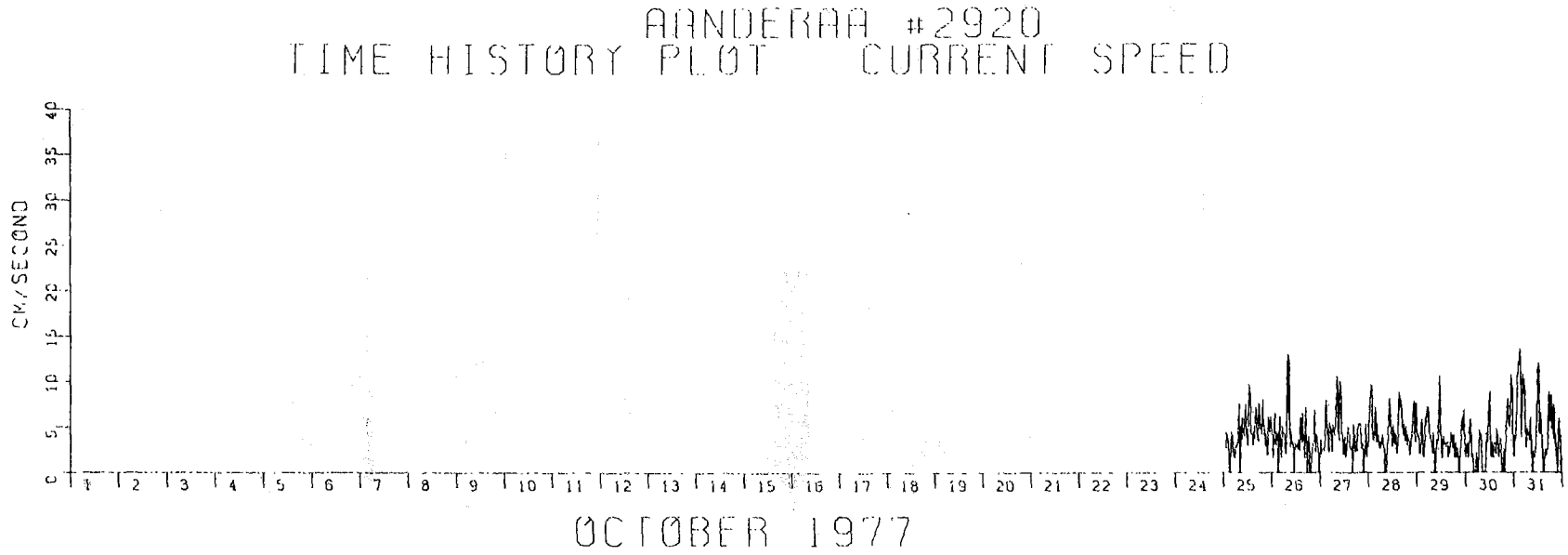
MARCH 1978

Figure A-14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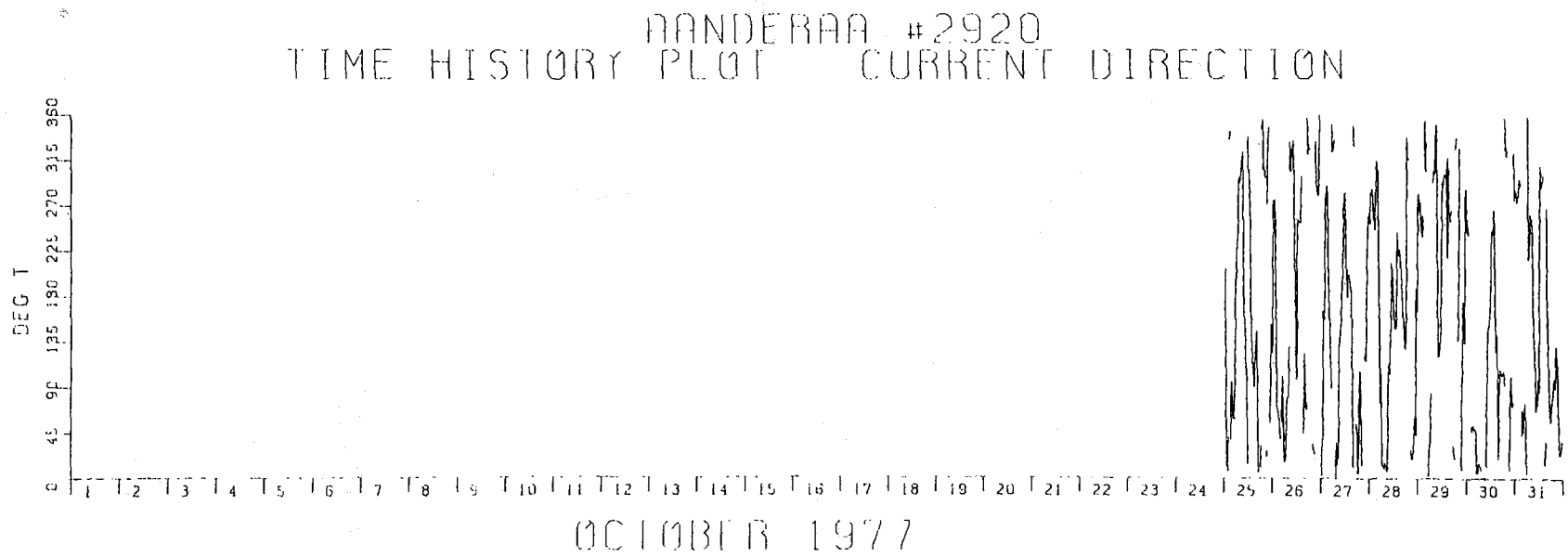
OCTOBER 1977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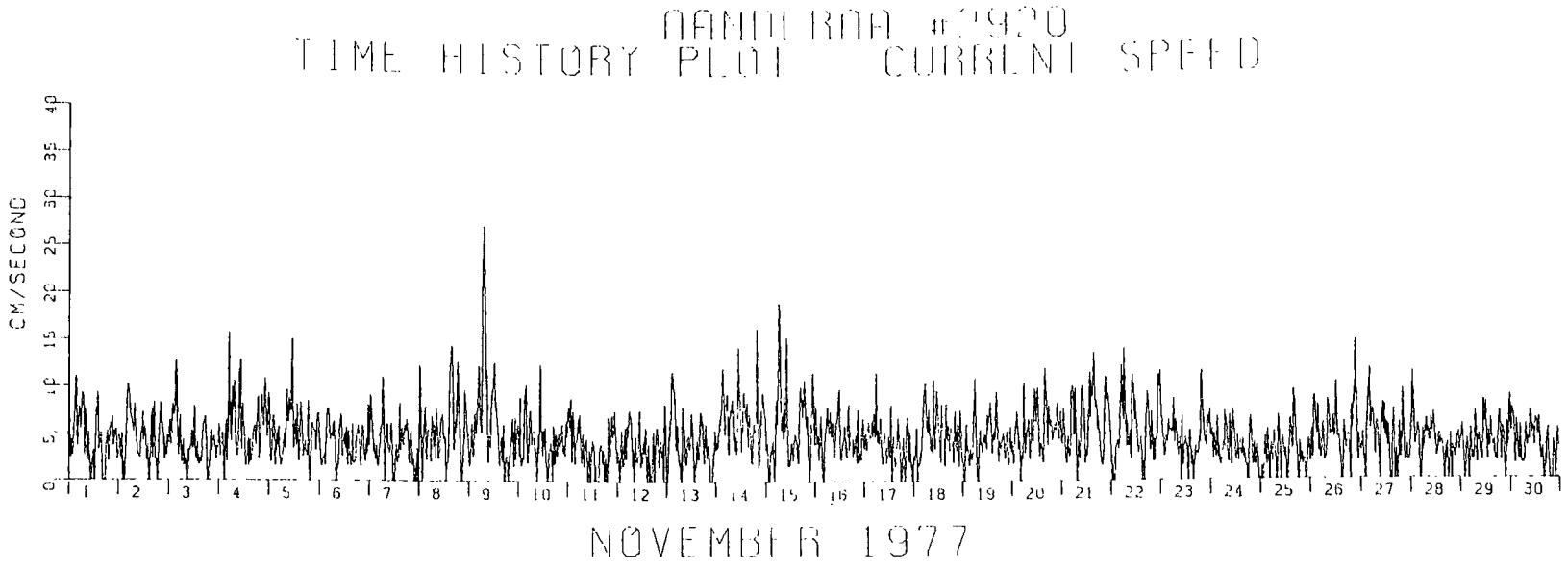
OCTOBER 1977

Figure A-15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TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
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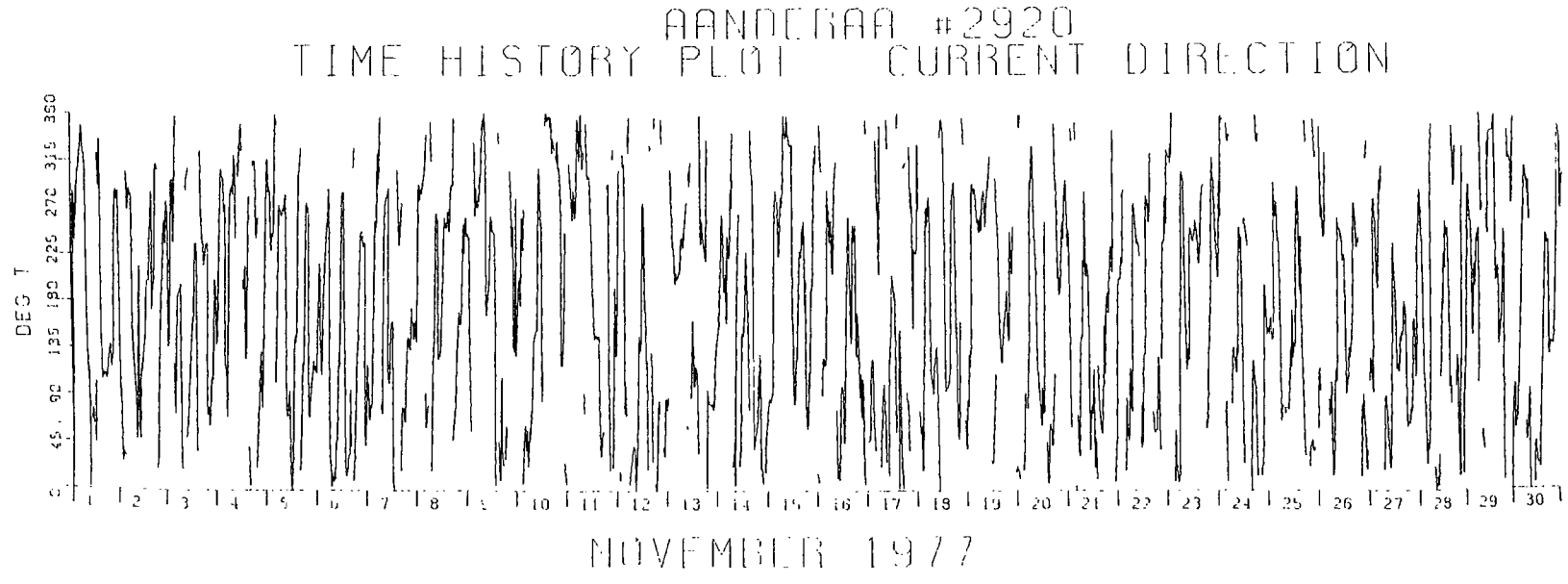
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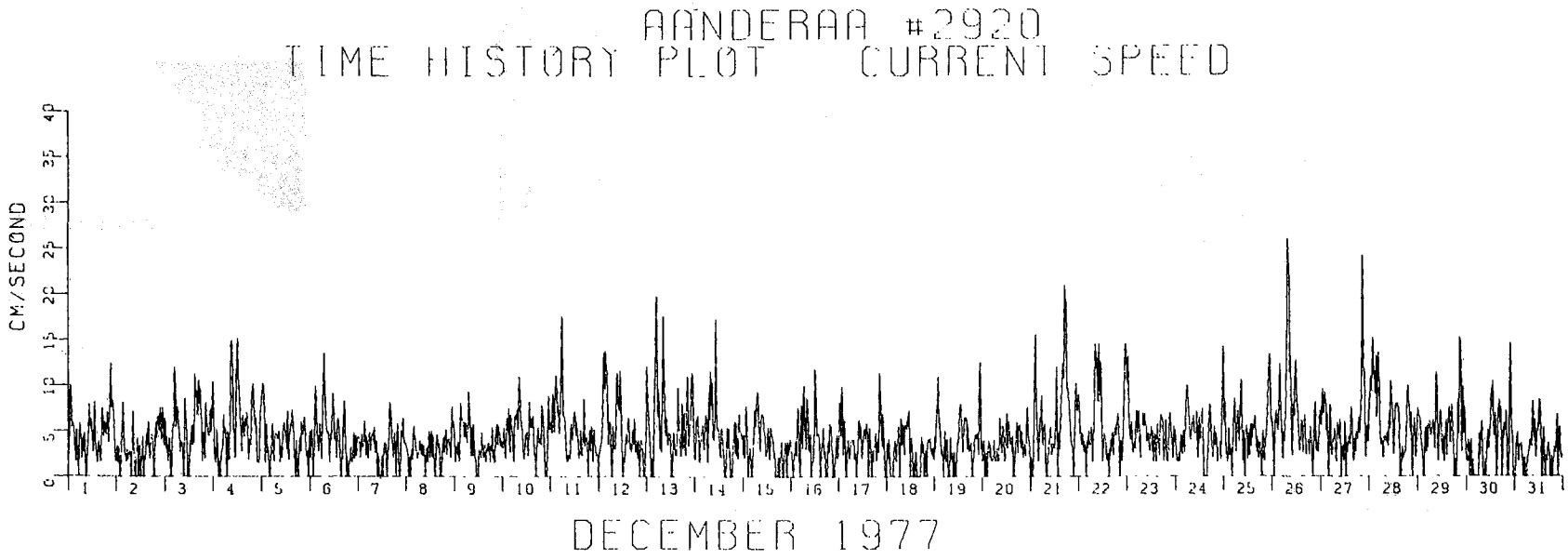
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
NOVEMBER 1977

Figure A-16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CM/SECOND
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977

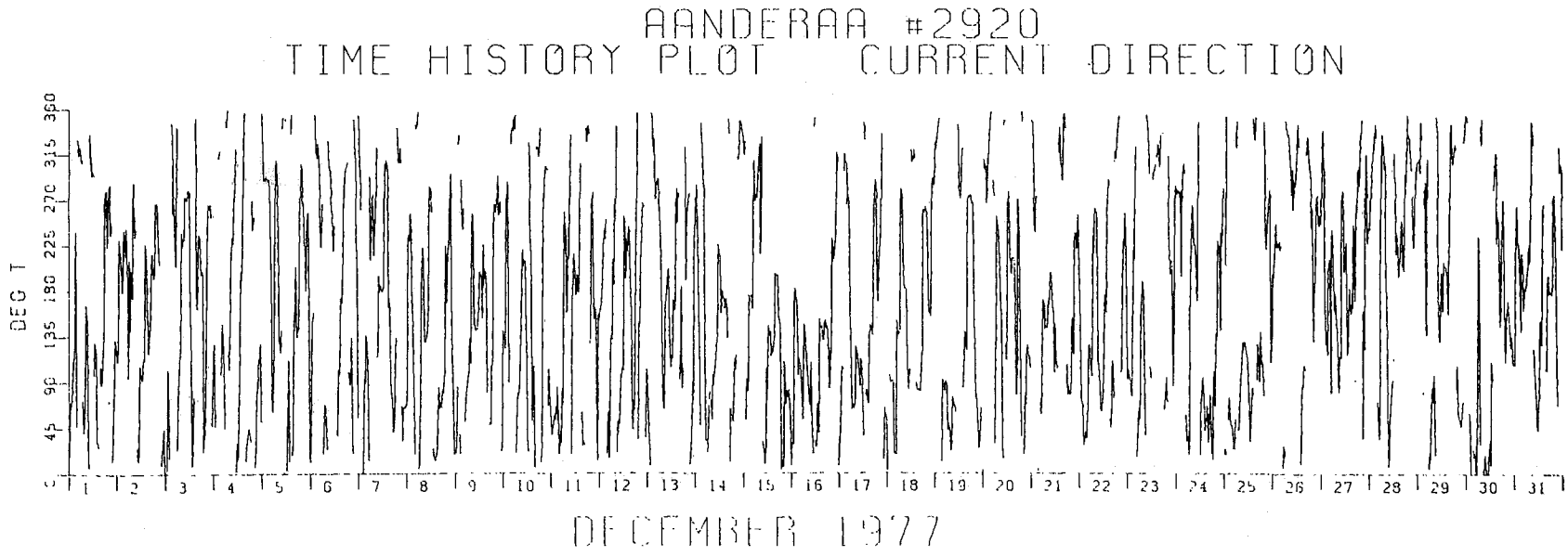
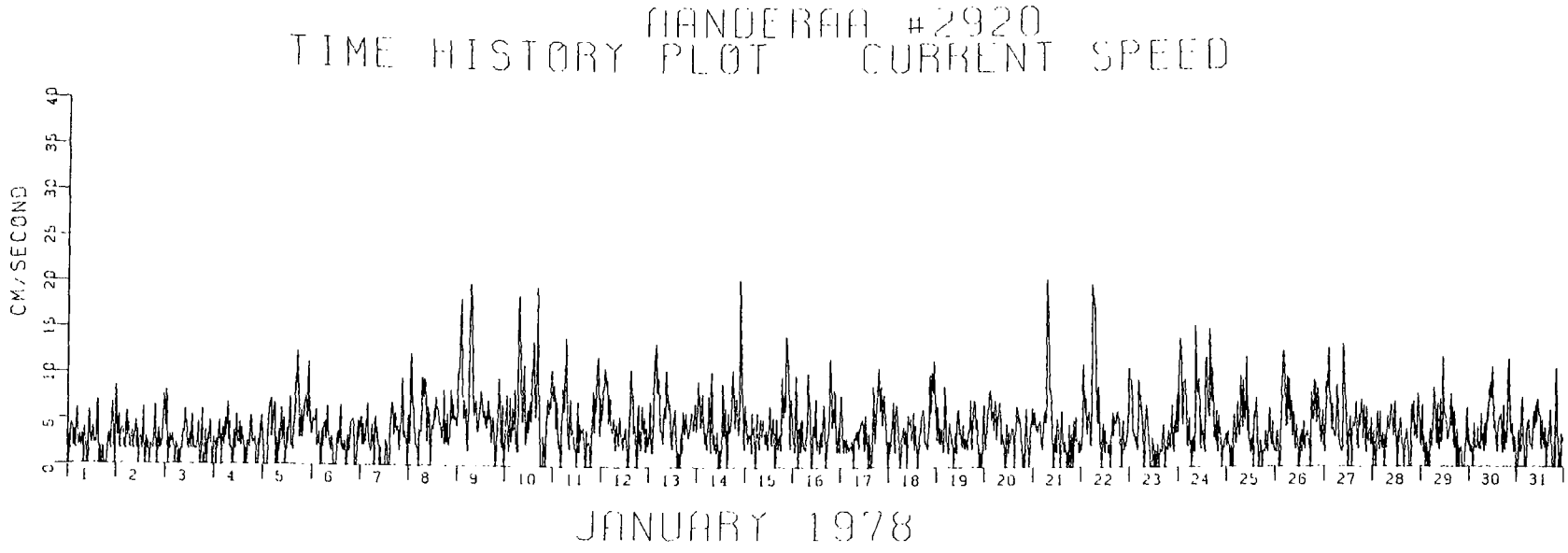

AANDERAA #2920
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977

Figure A-17


AANDERAA #2920
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
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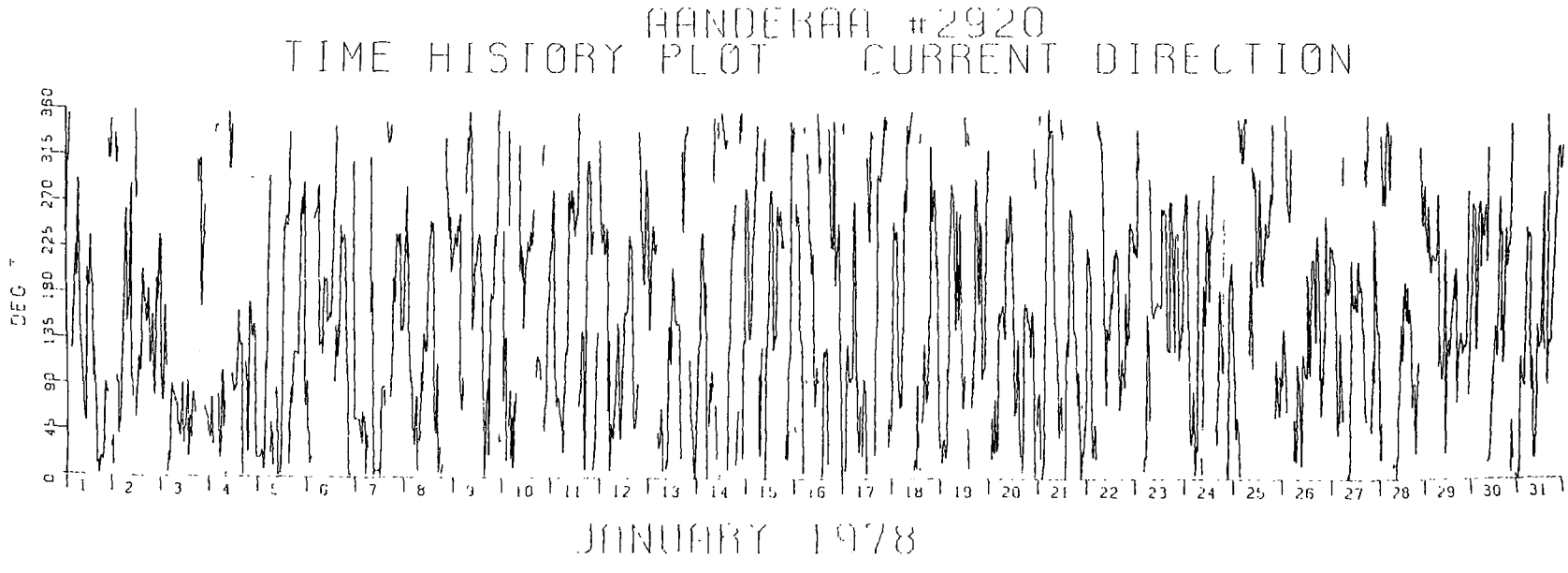
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JANUARY 1978


AANDERAA #2920
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
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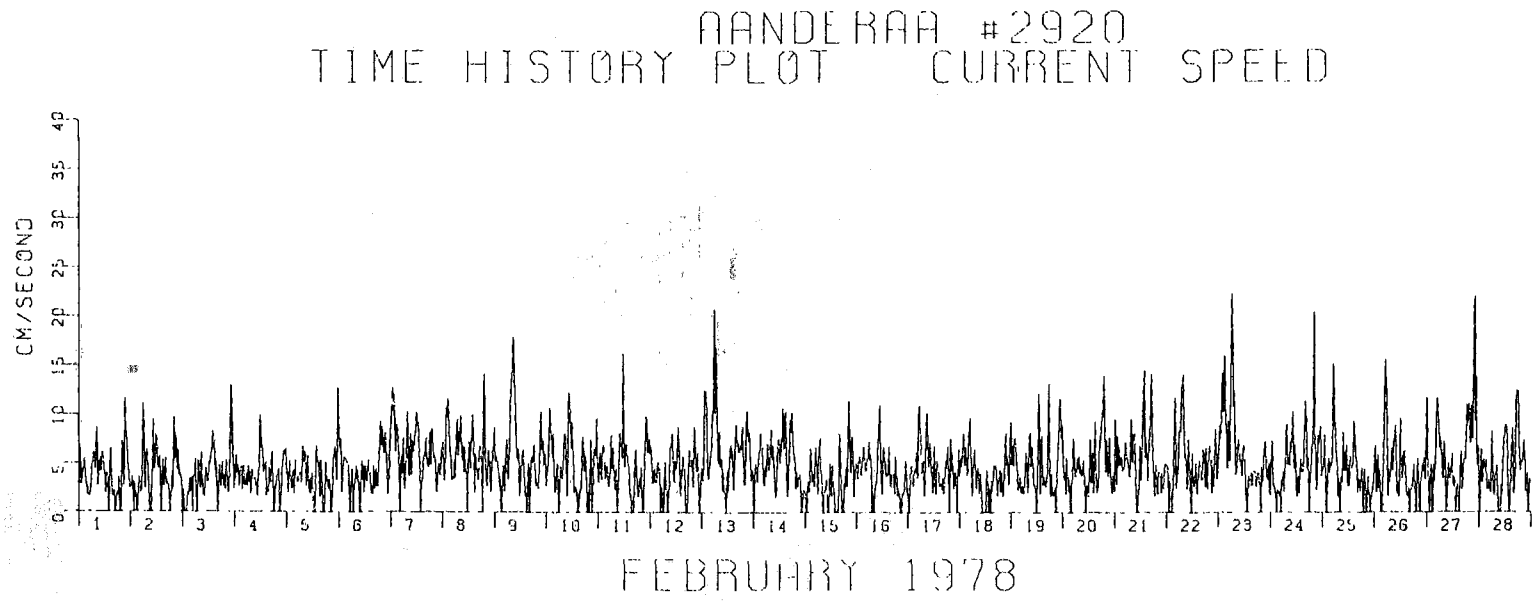
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JANUARY 1978

Figure A-18


AANDERAA #2920
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
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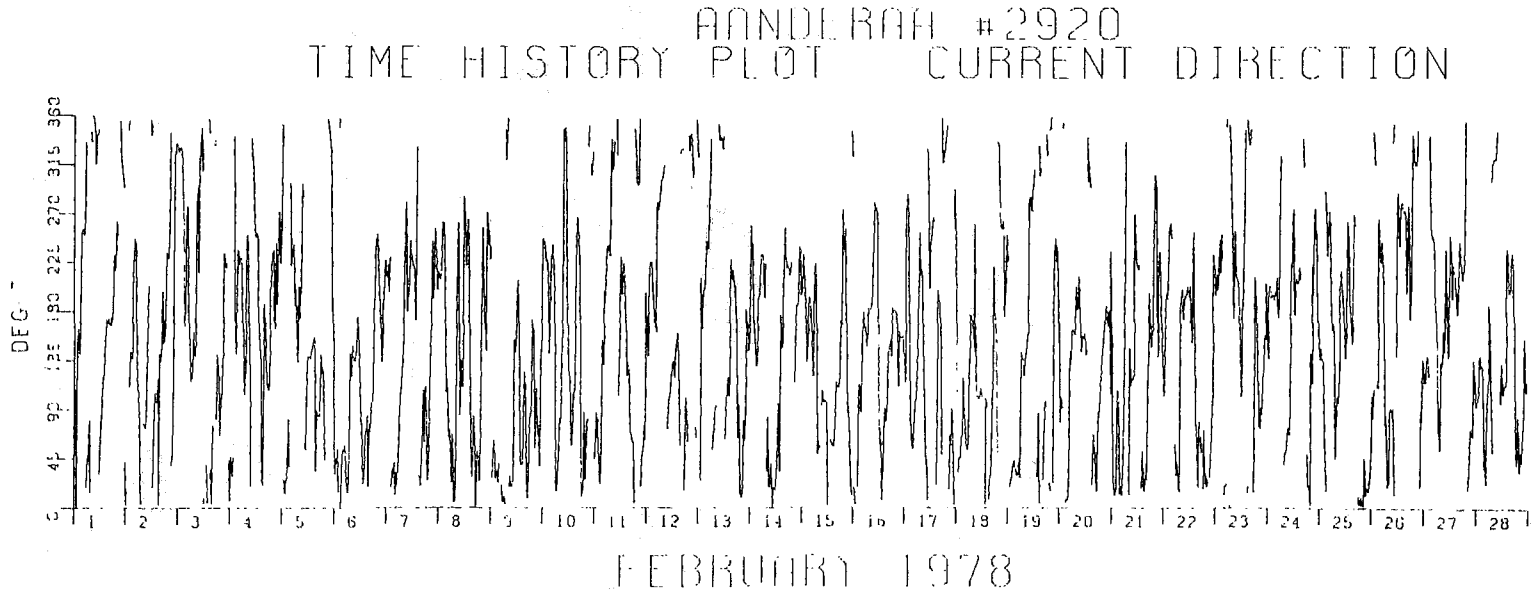
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978


AANDERAA #2920
TIME HISTORY PLOT CURRENT DIRECTION
DEG
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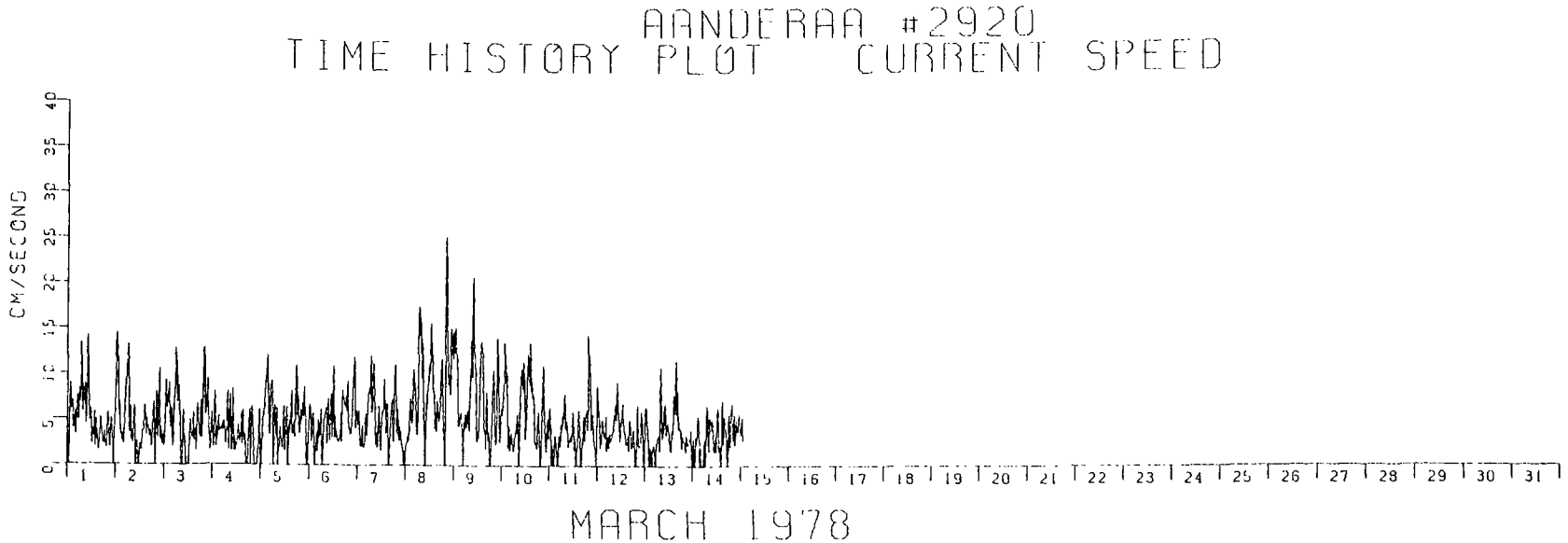
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978

Figure A-19


AANDERAA #2920
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH 1978

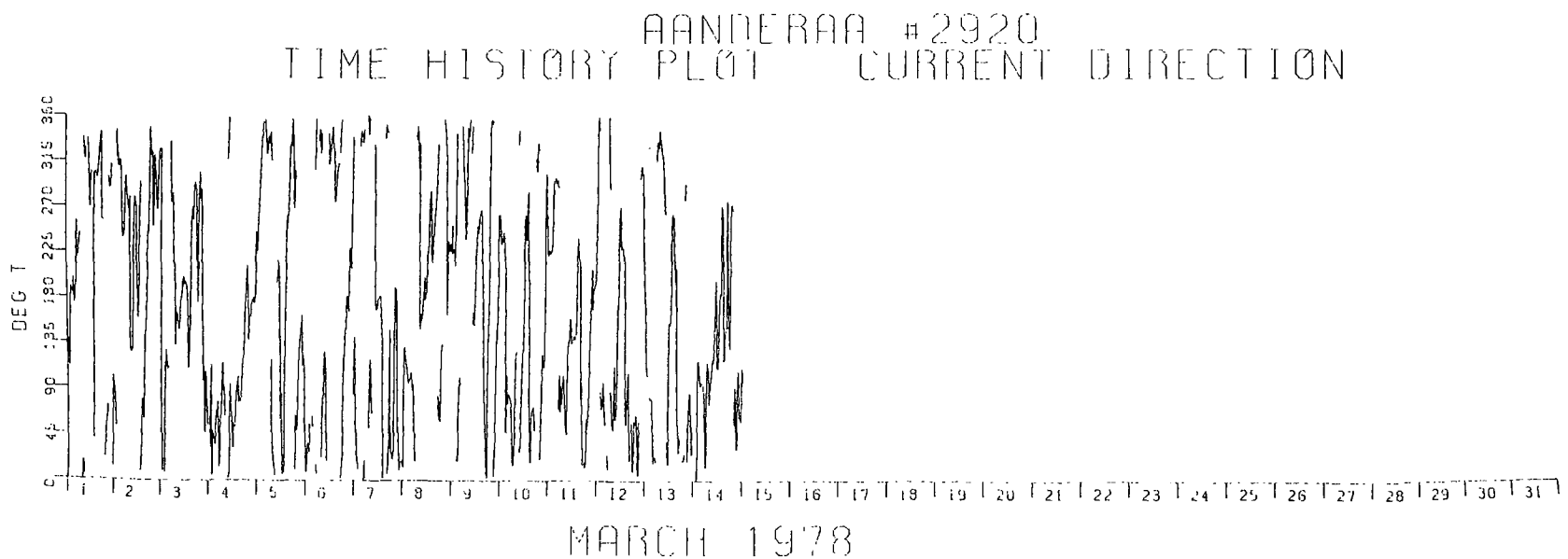
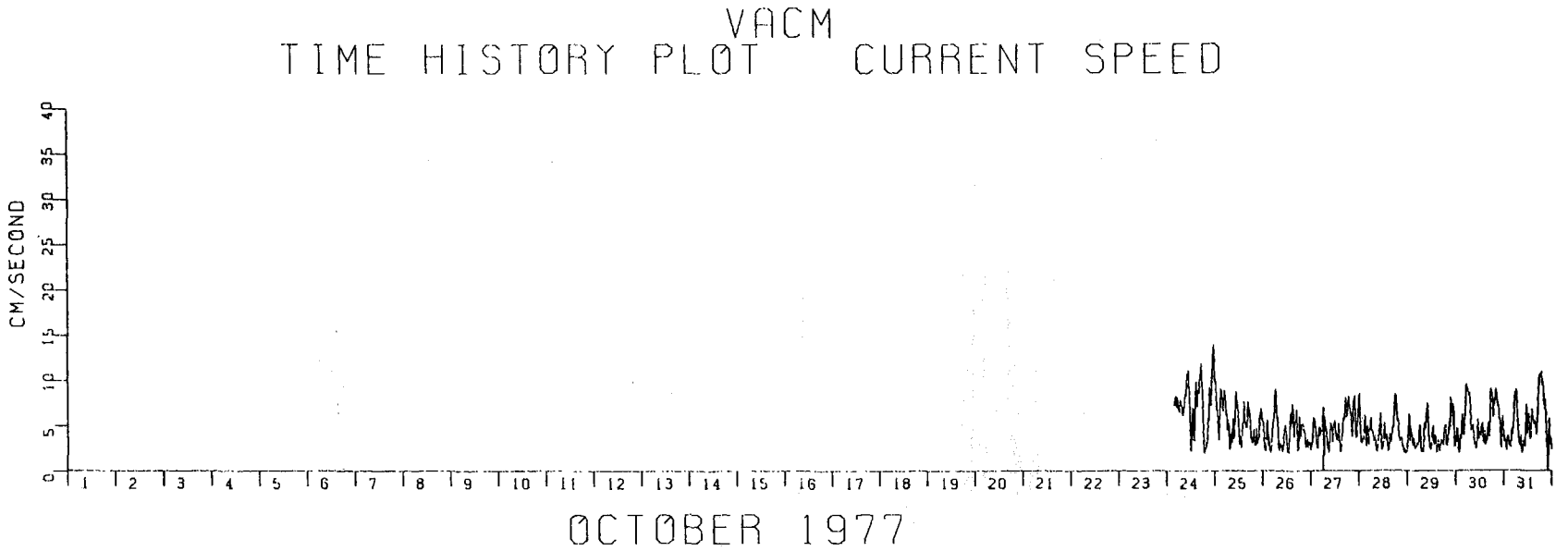

AANDERAA #2920
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH 1978

Figure A-20


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
0 5 10 15 20 25 30 35 40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

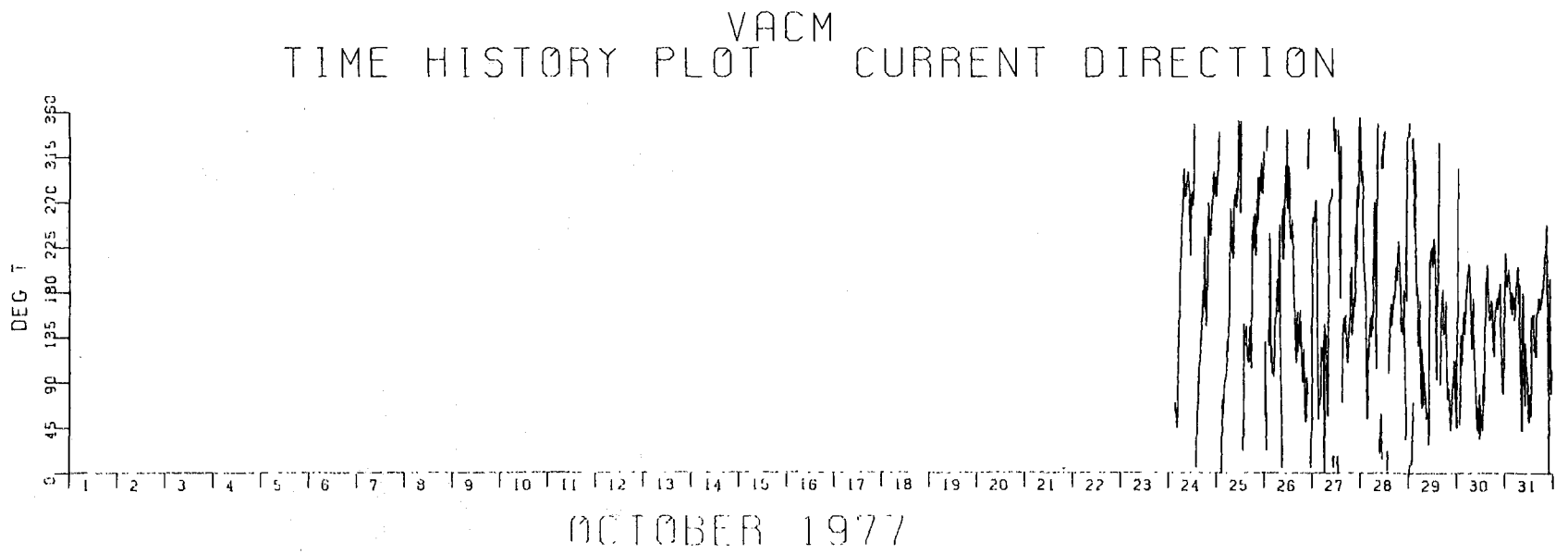
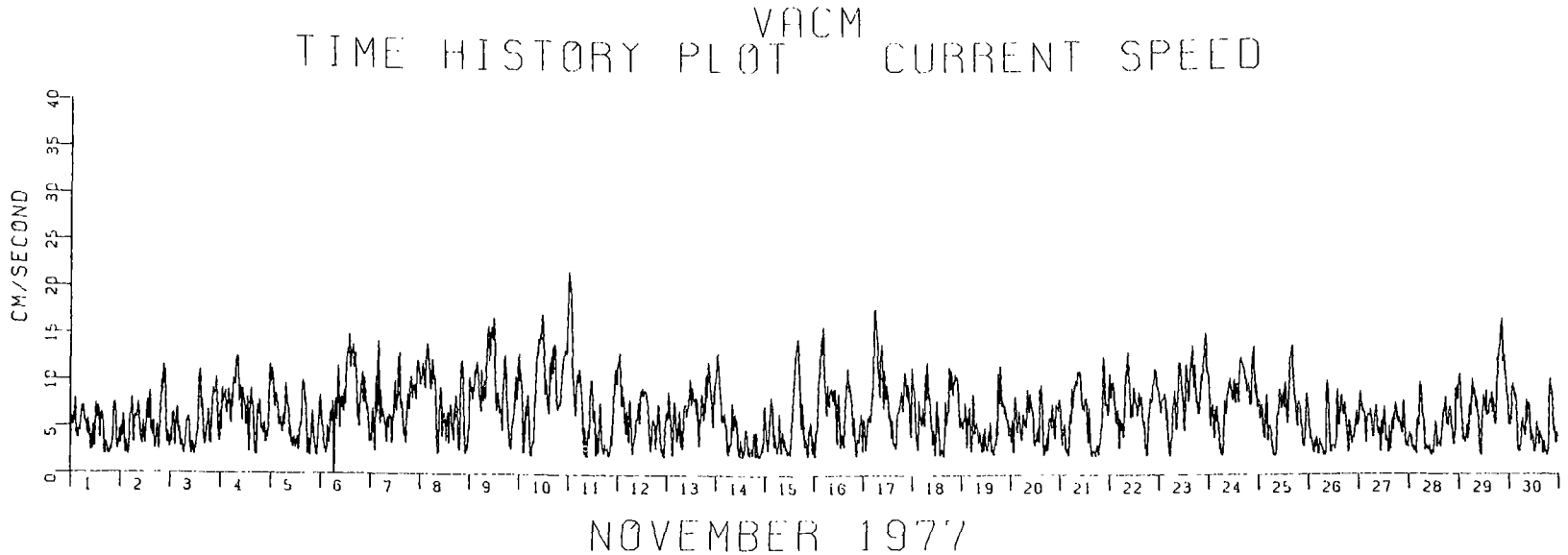

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

Figure A-21


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
0
5
10
15
20
25
30
35
40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
NOVEMBER 1977

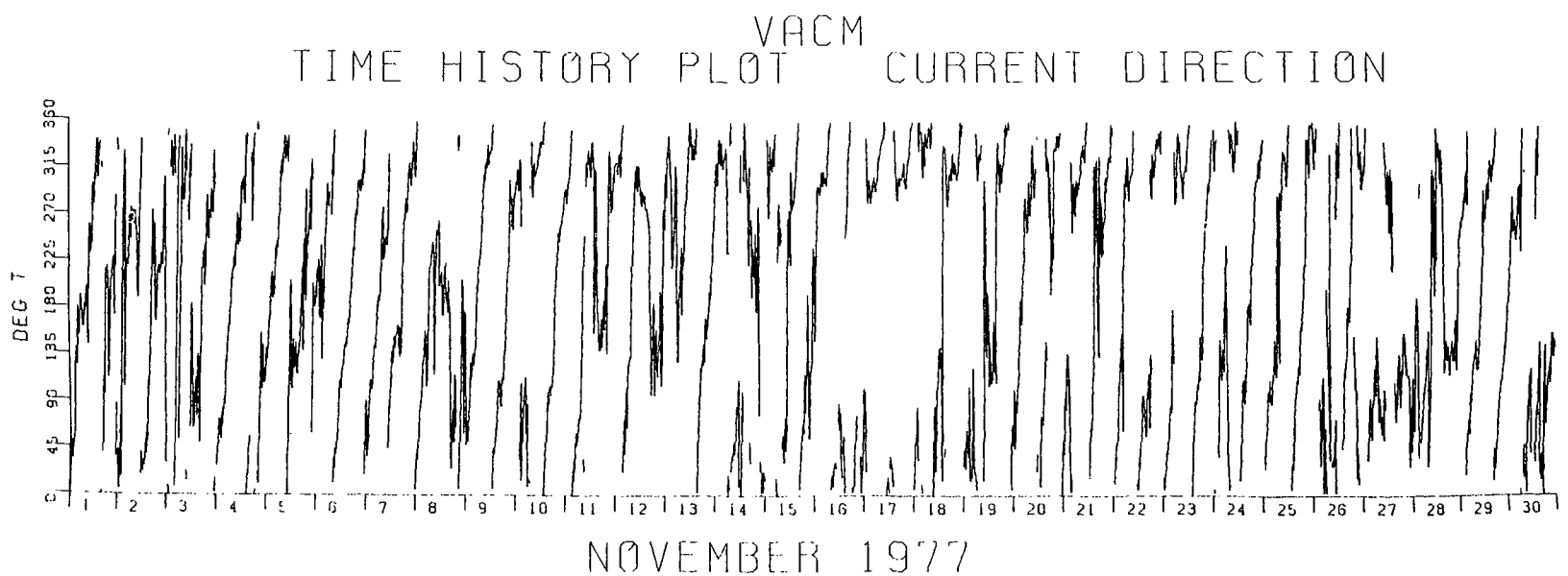
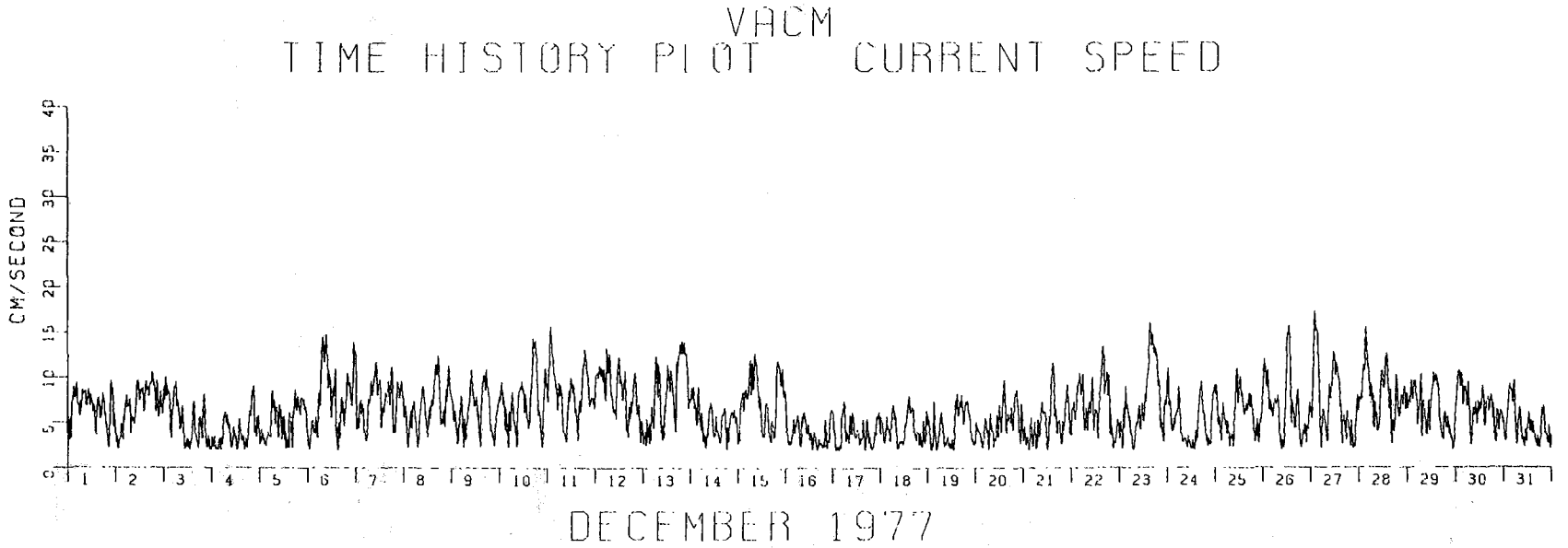

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0
45
90
135
180
225
270
315
360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
NOVEMBER 1977

Figure A-22


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
0 5 10 15 20 25 30 35 40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977

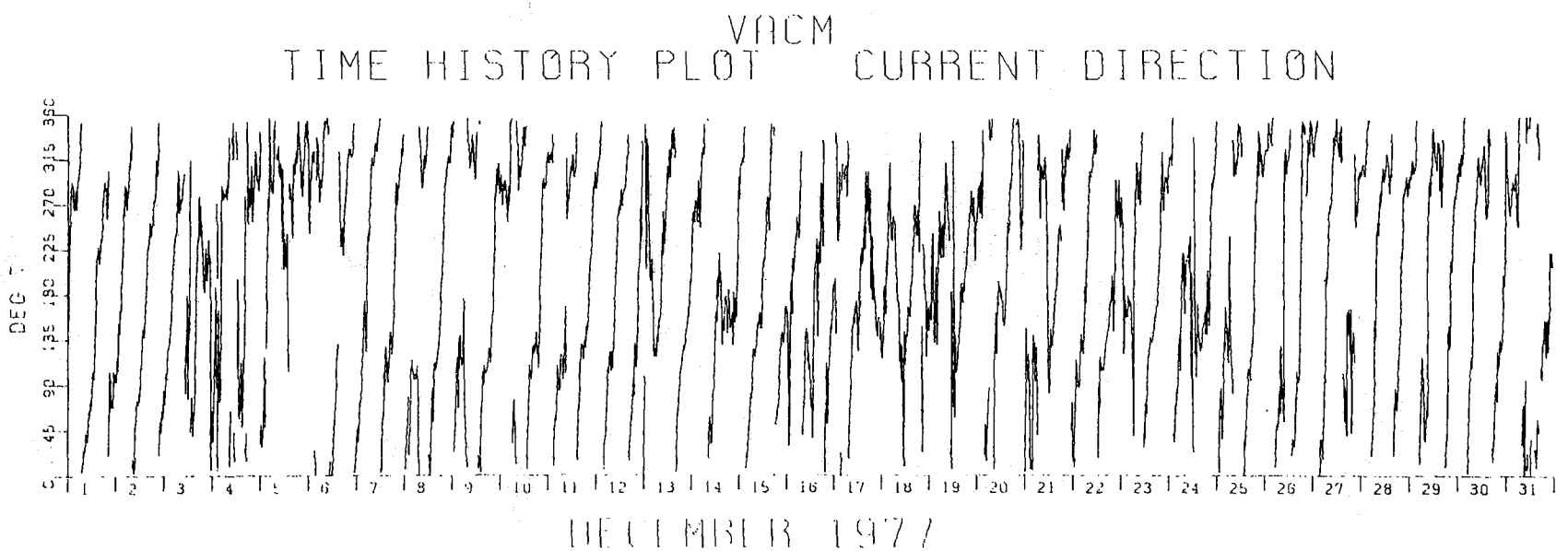
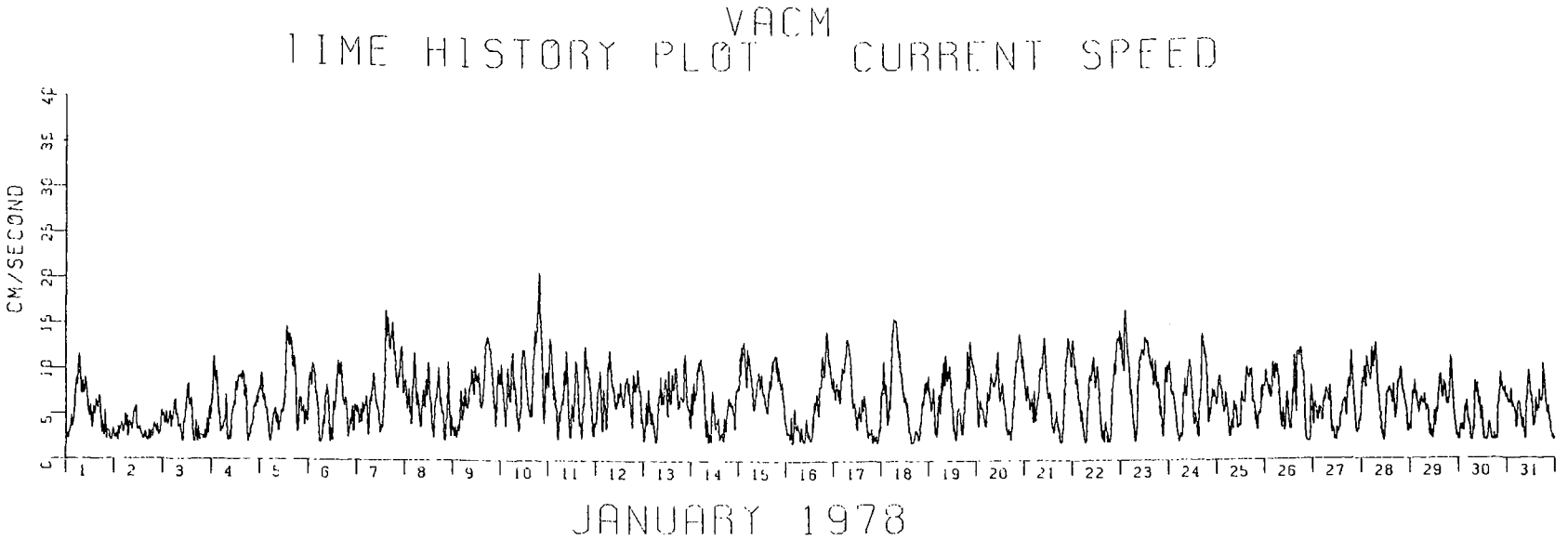

VACM
TIME HISTORY PLOT CURRENT DIRECTION
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977

Figure A-23


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
JANUARY 1978

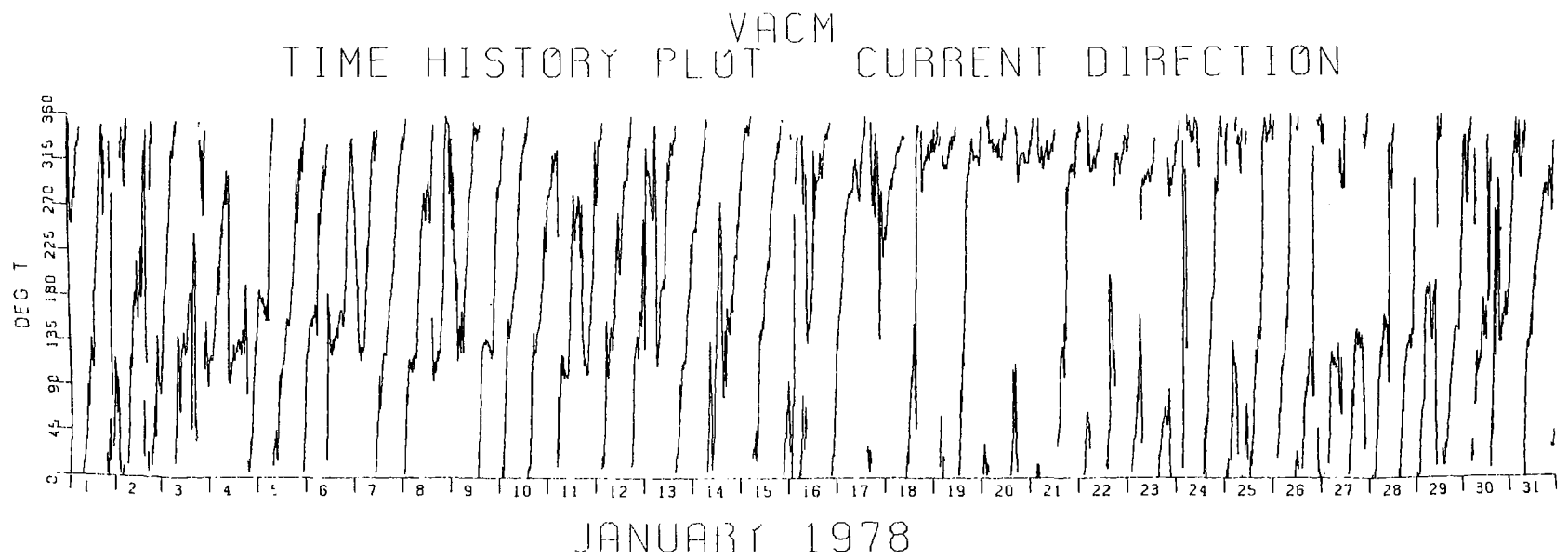
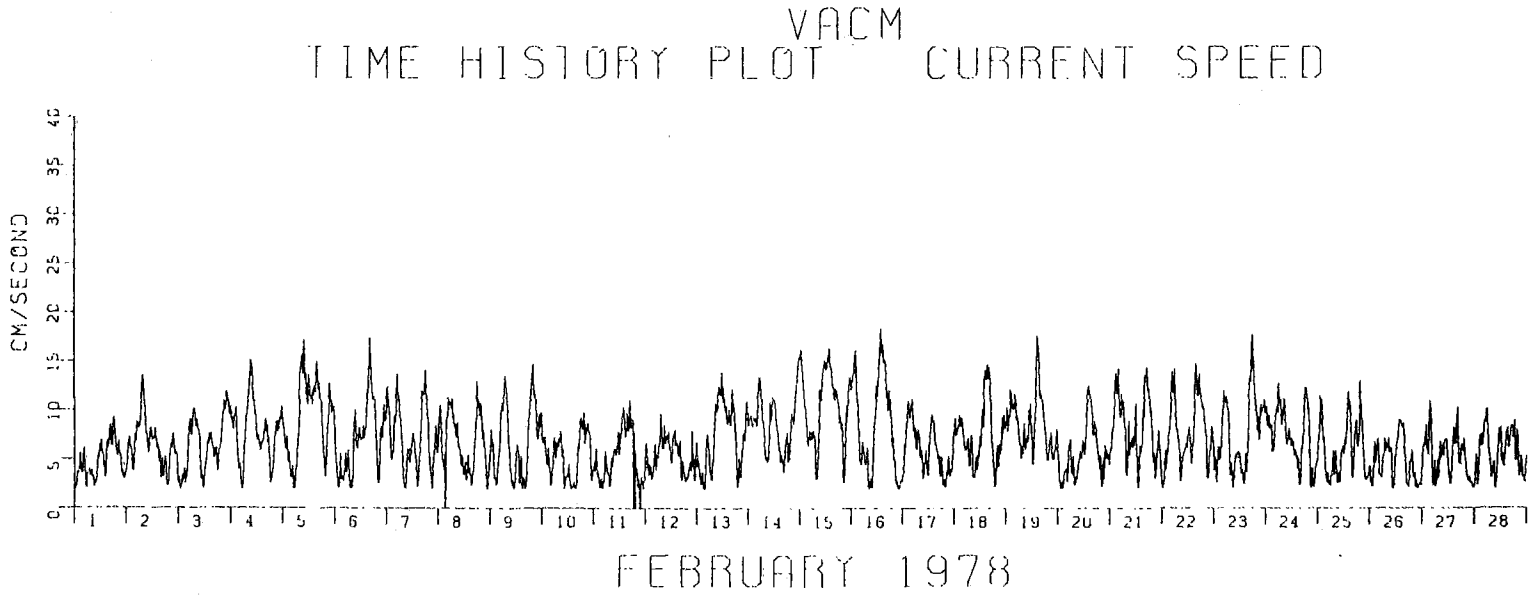

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
JANUARY 1978

Figure A-24


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
0 5 10 15 20 25 30 35 40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978

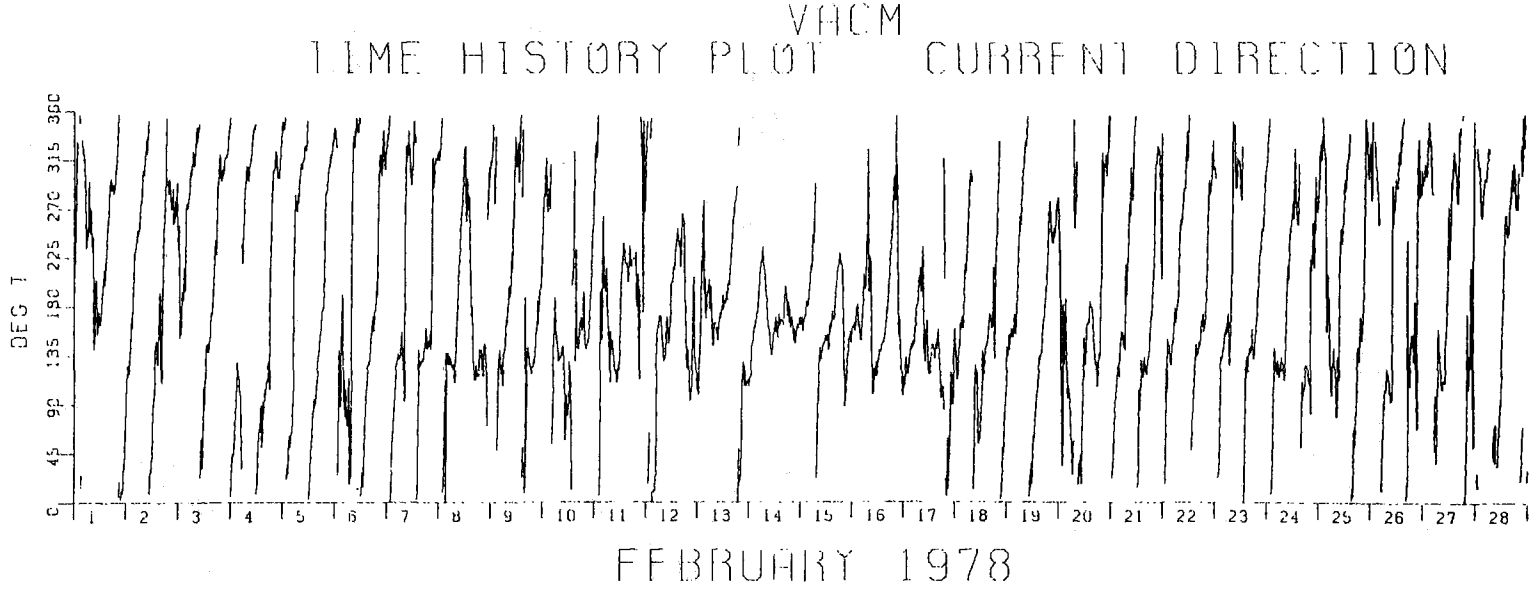
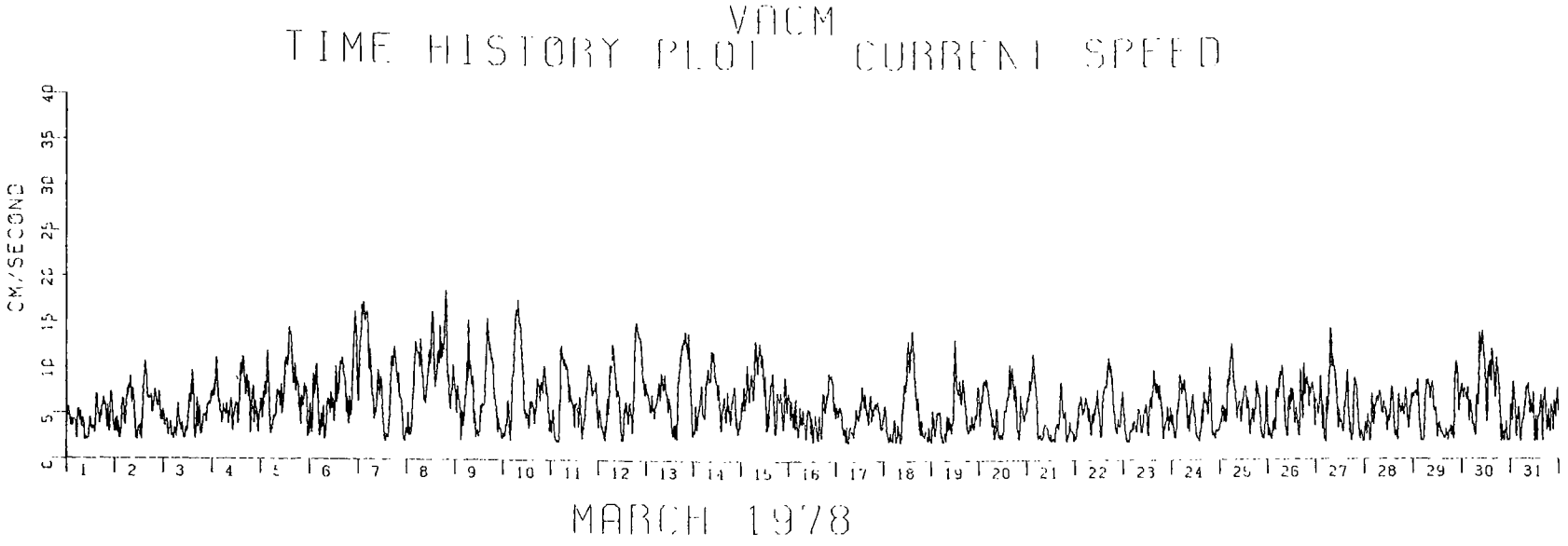

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978

Figure A-25


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
0 5 10 15 20 25 30 35 40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH 1978

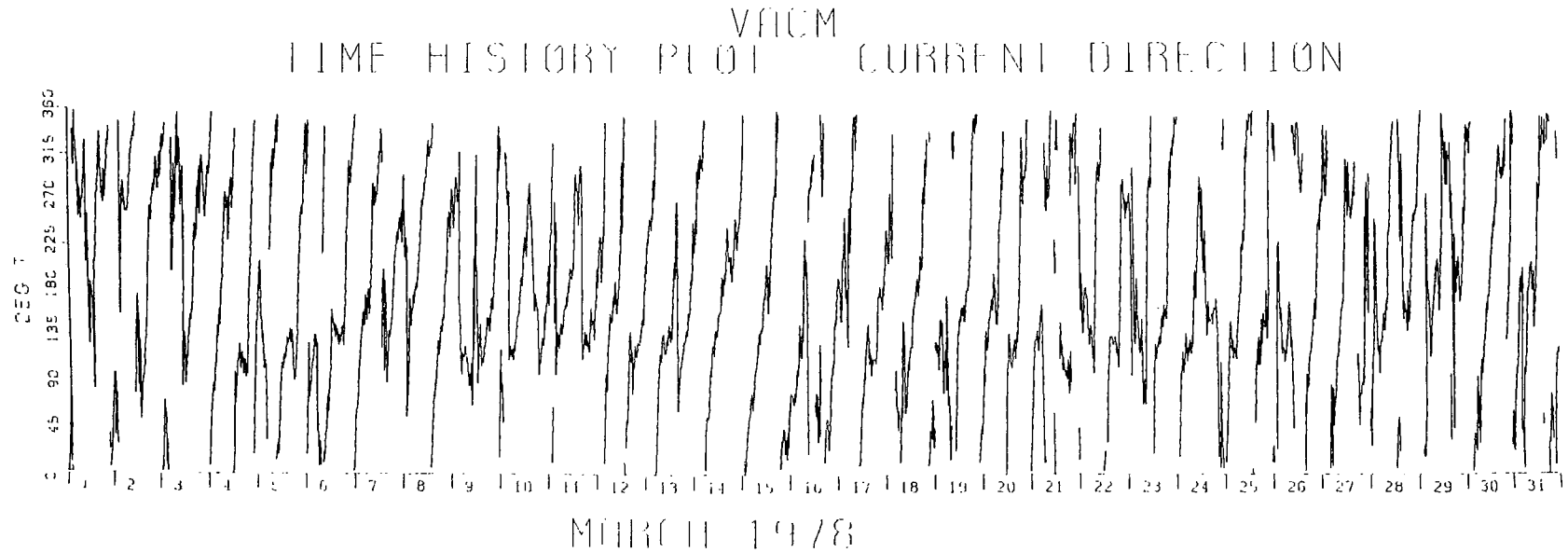
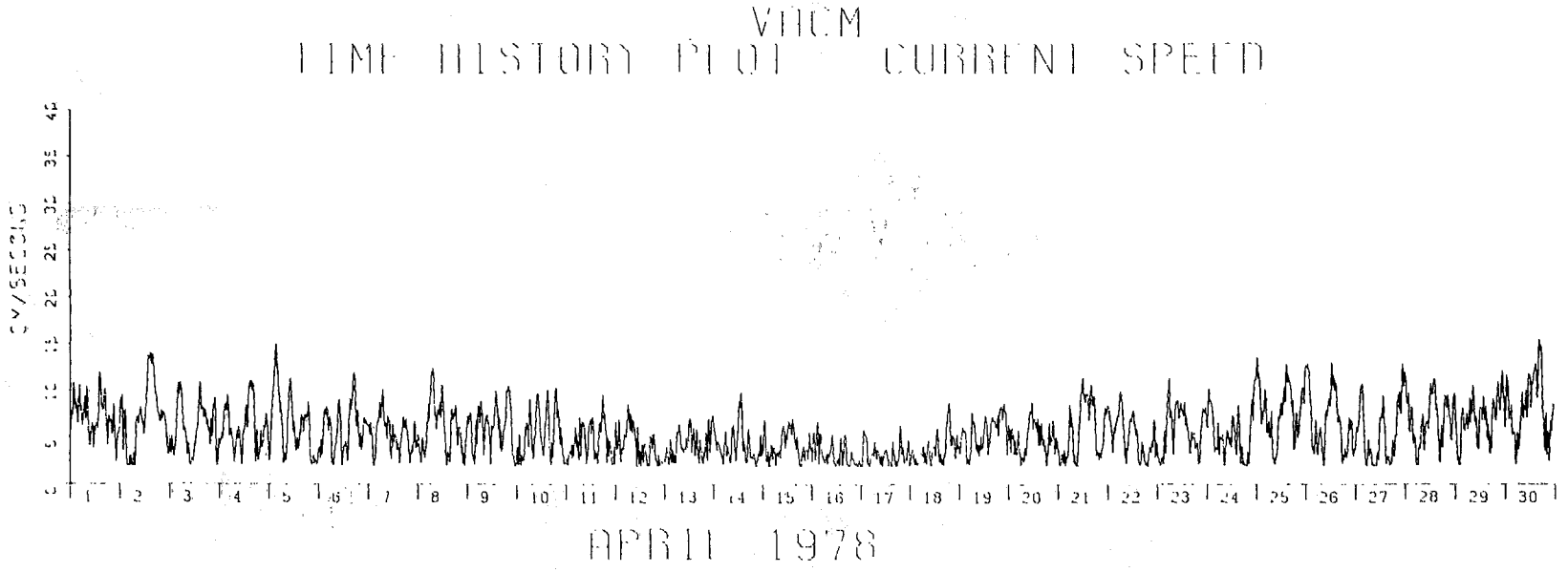

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH 1978

Figure A-26


VMCM
TIME HISTORY PLOT CURRENT SPEED
CM/SECONDS
APRIL 1978

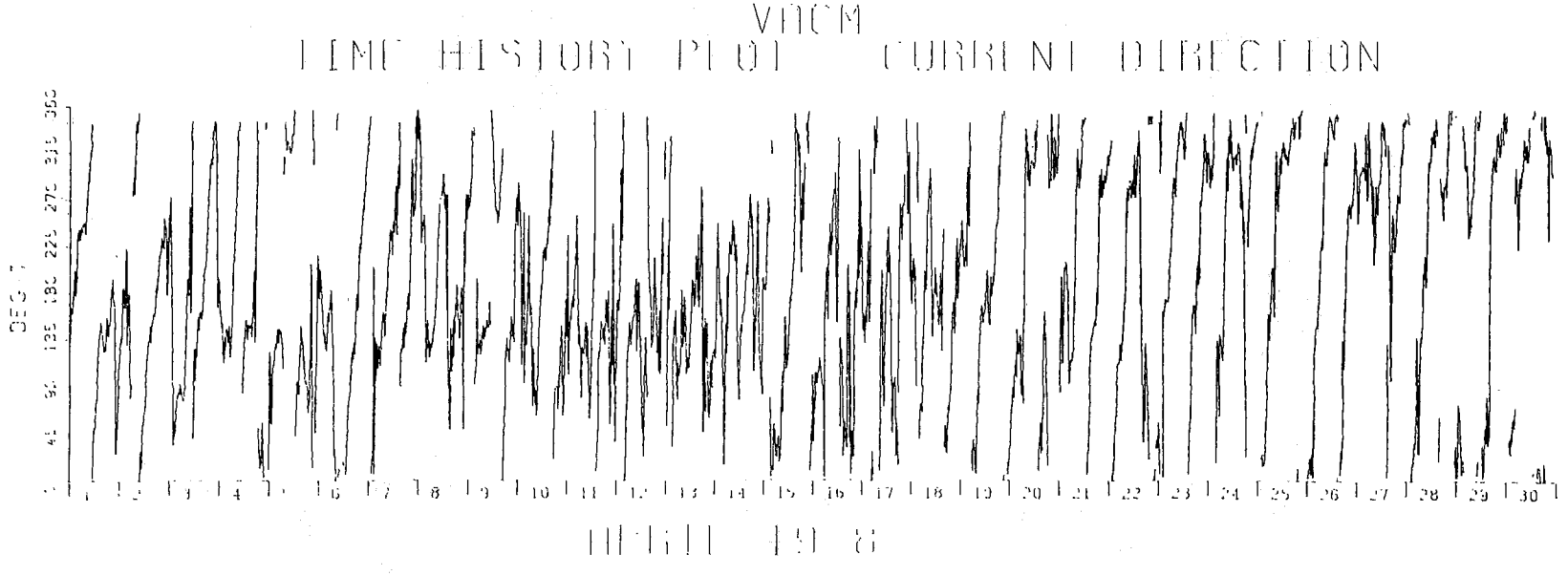
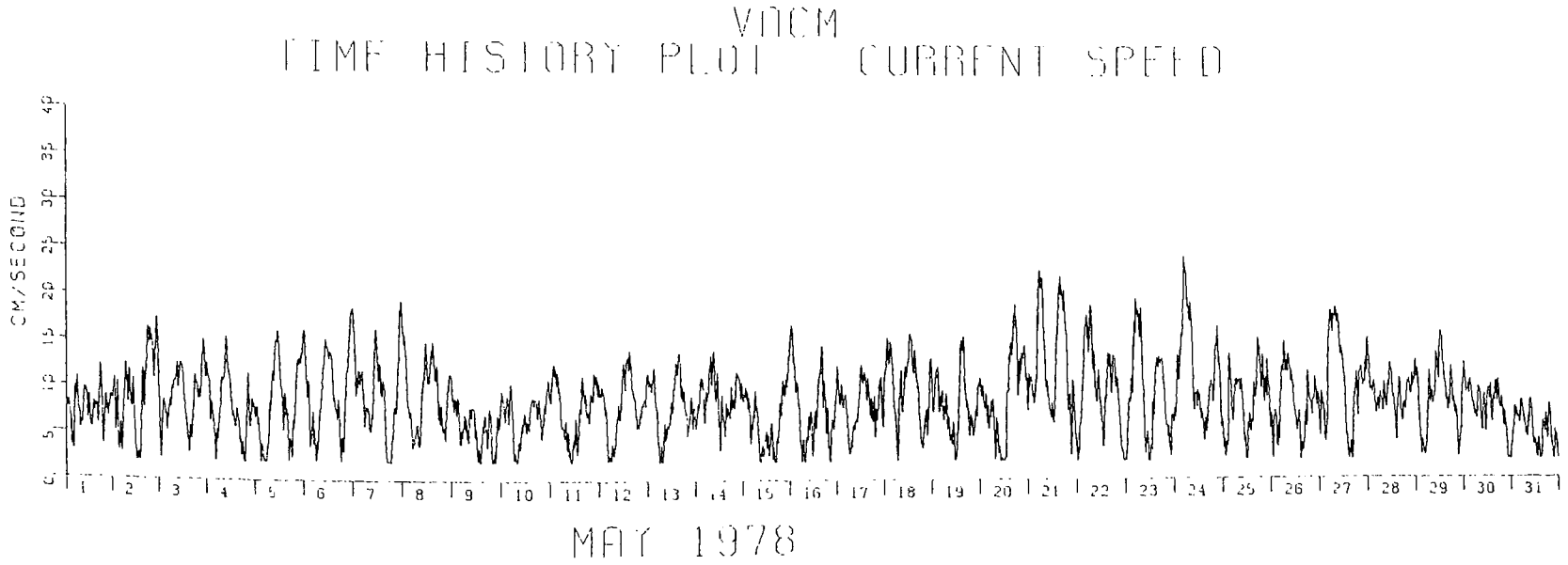

VMCM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
APRIL 1978

Figure A-27


VMCM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
MAY 1978

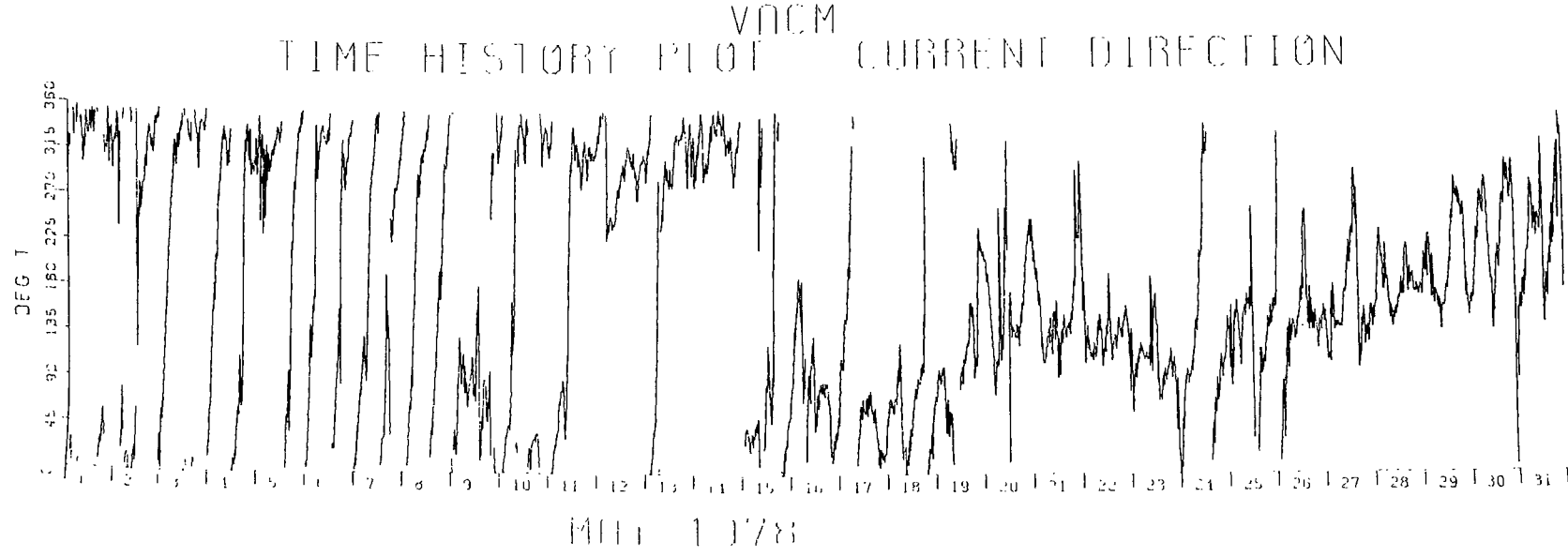
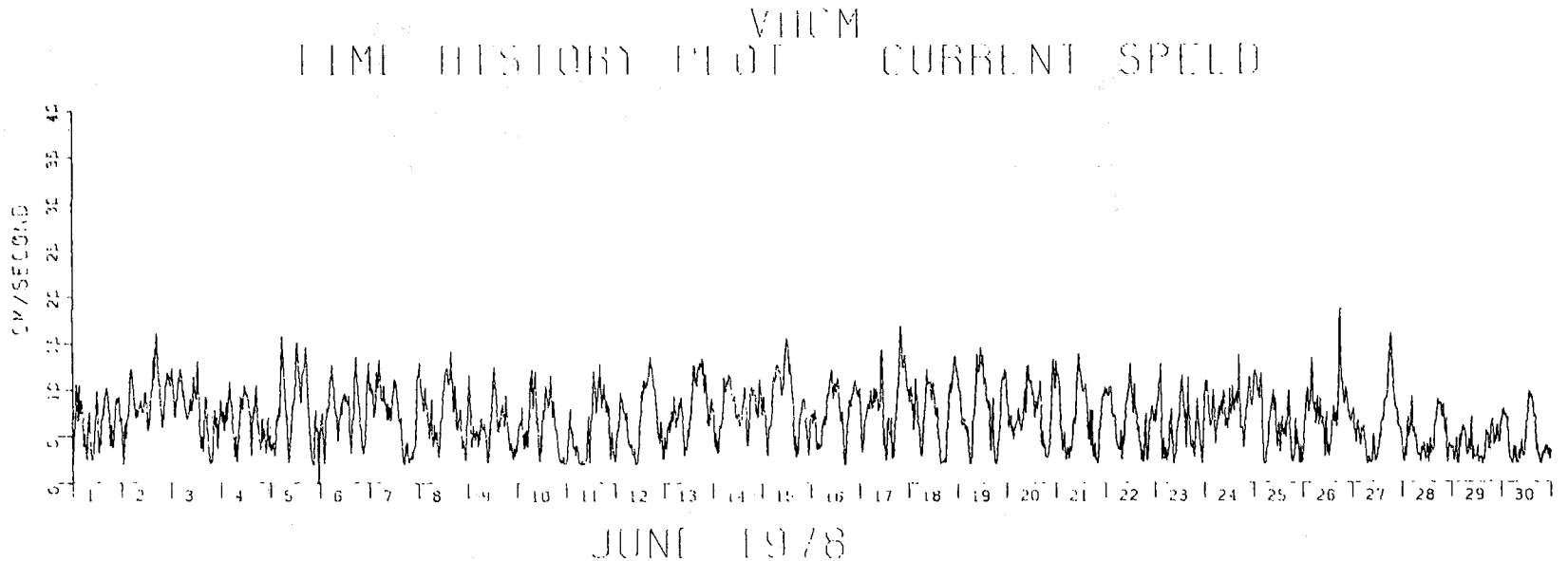

VMCM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
MAY 1978

Figure A-28


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
JUNE 1978

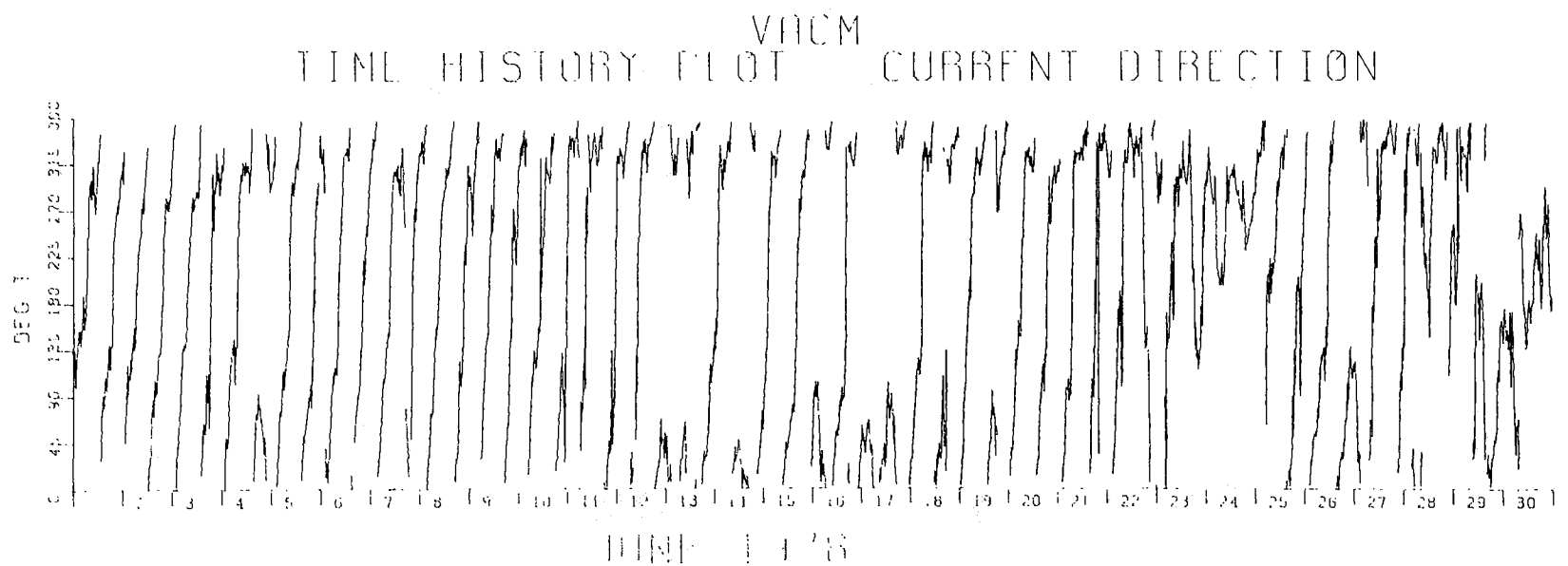
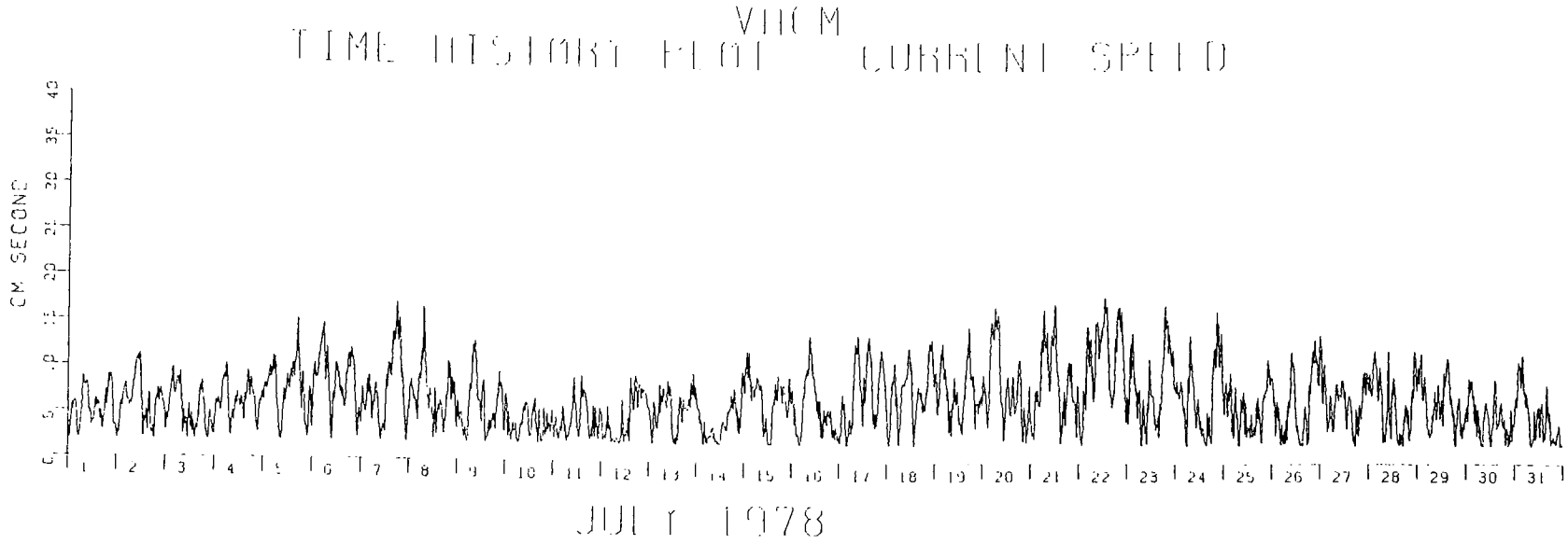
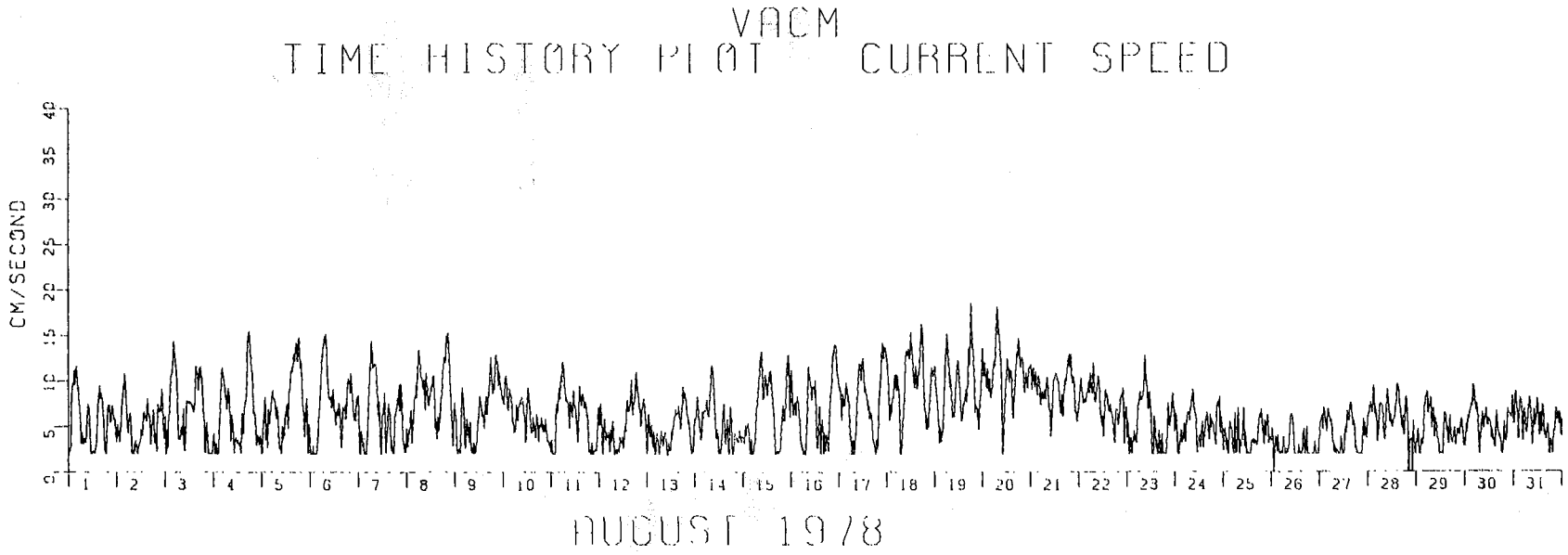

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
JUNE 1978

Figure A-29


VHCM
TIME HISTORY PLOT CURRENT SPEED
CM SECOND
JULY 1978

VHCM
TIME HISTORY PLOT CURRENT DIRECTION
JULY 1978

Figure A-30


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
AUGUST 1978

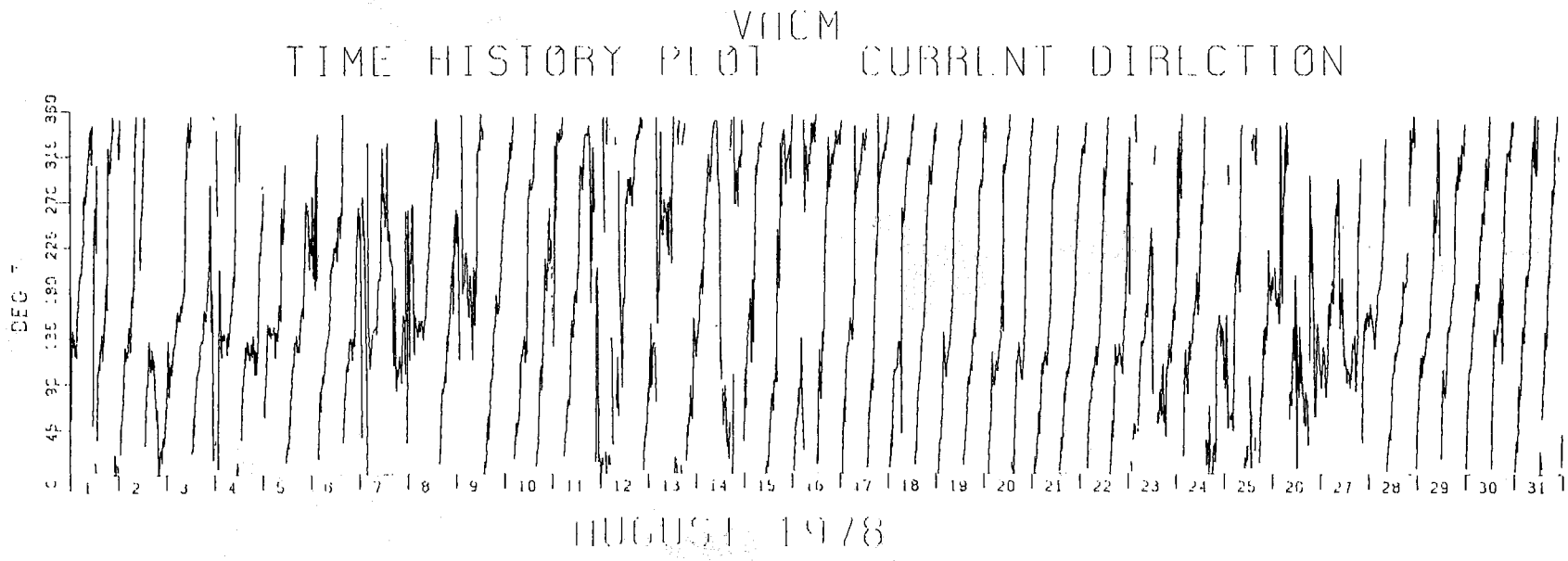
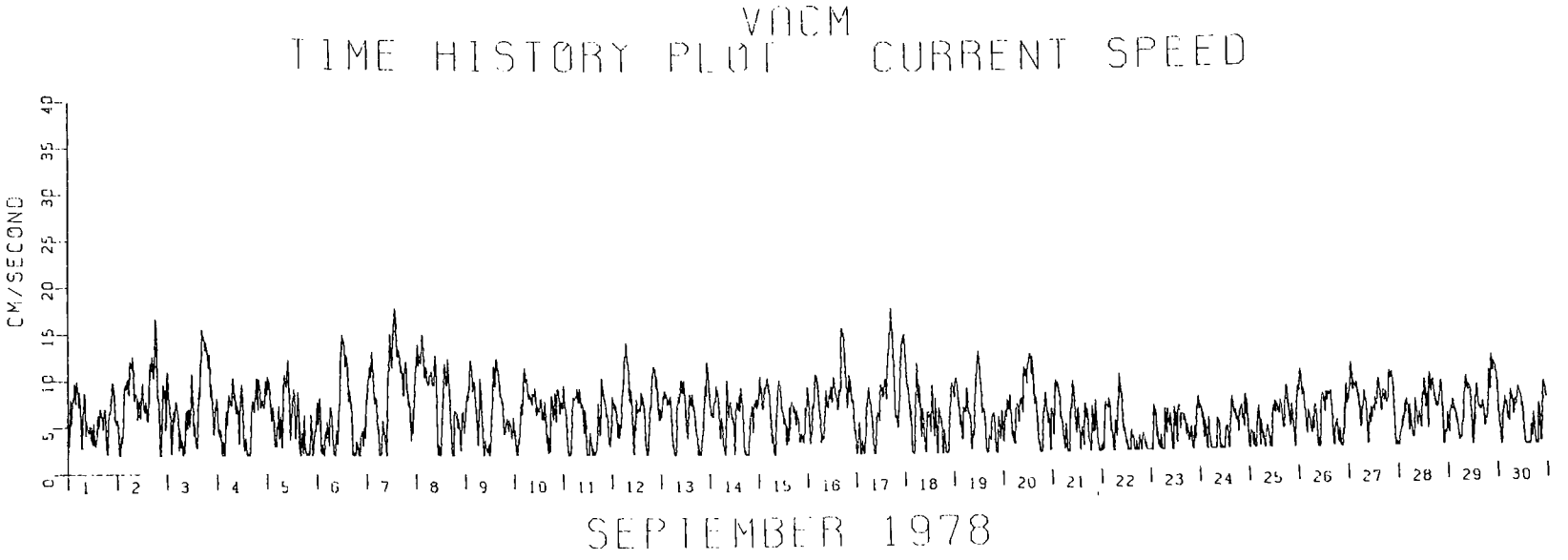

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
AUGUST 1978

Figure A-31


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
0 5 10 15 20 25 30 35 40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
SEPTEMBER 1978

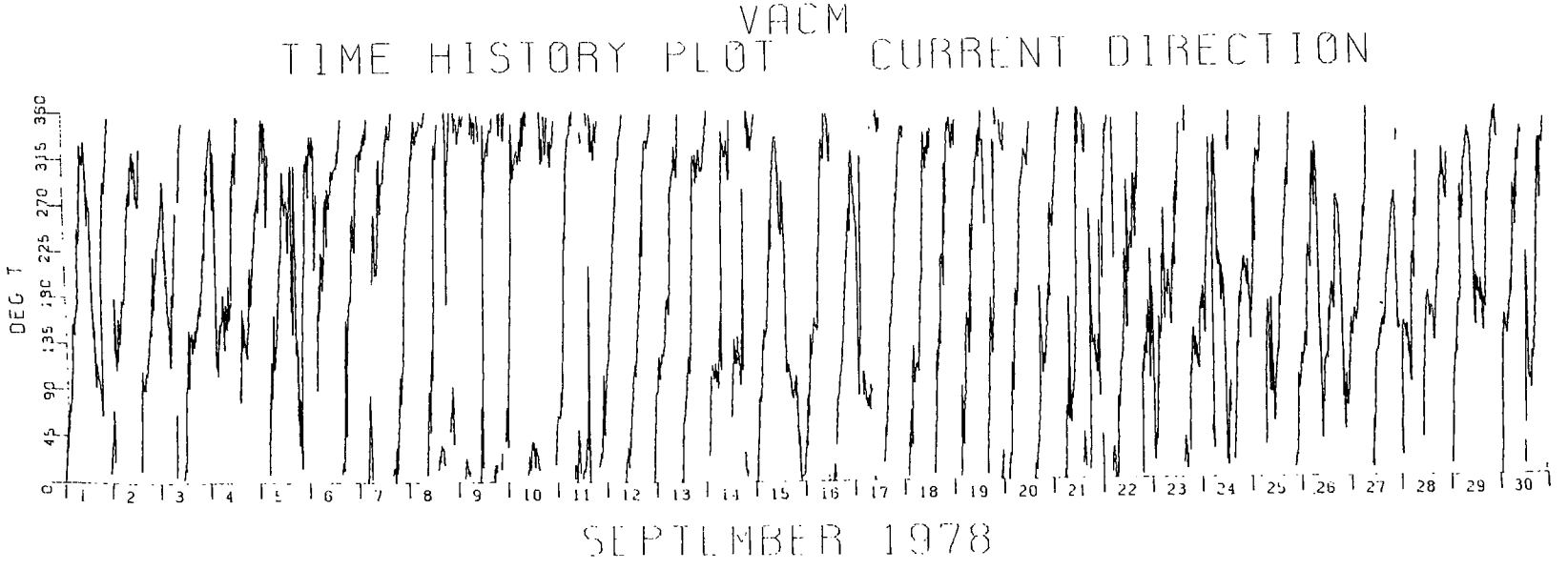
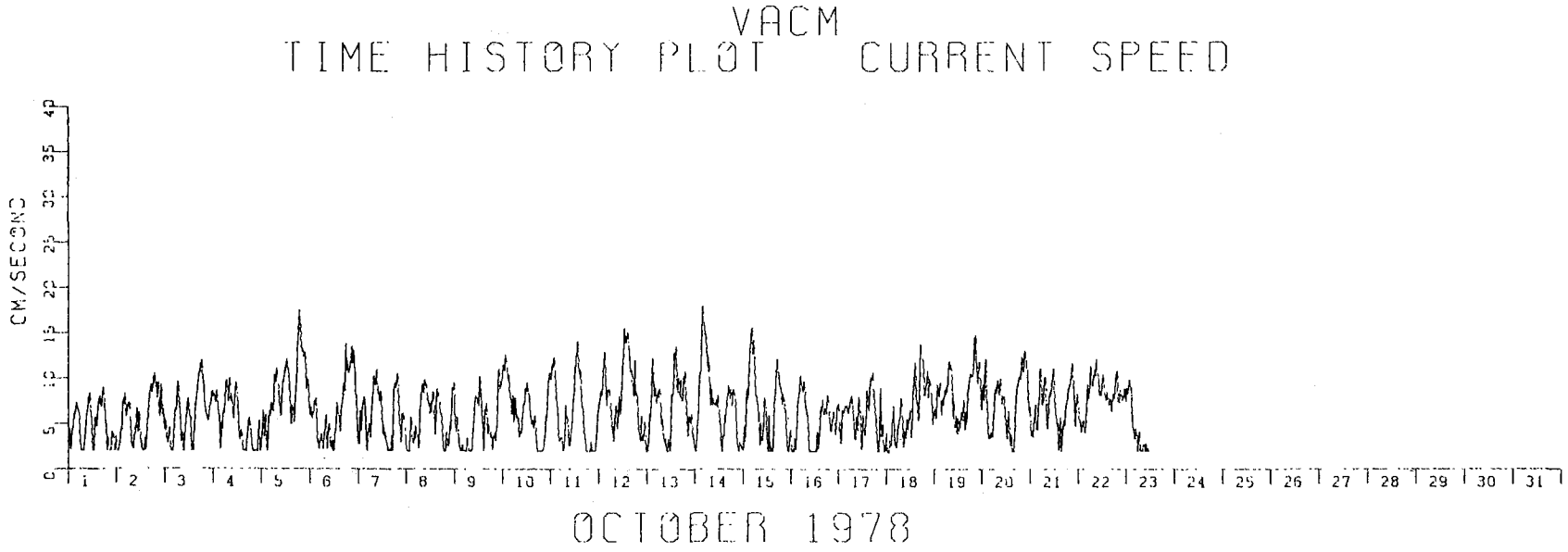

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
0 45 90 135 180 225 270 315 360
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
SEPTEMBER 1978

Figure A-32


VACM
TIME HISTORY PLOT CURRENT SPEED
CM/SECOND
OCTOBER 1978

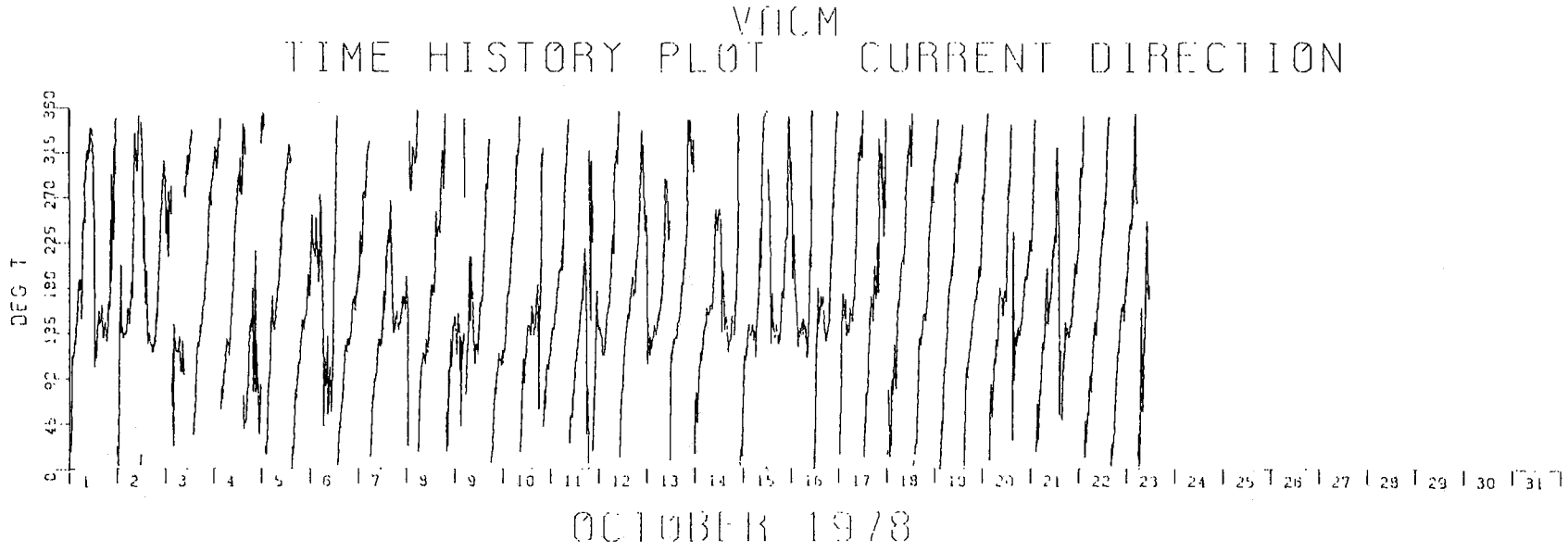

VACM
TIME HISTORY PLOT CURRENT DIRECTION
DEG T
OCTOBER 1978

Figure A-33

Appendix B

TIME HISTORY PLOTS - NORTH, EAST COMPONENTS

Appendix B contains a continuous record of time history plots of the Northward and Eastward components of current velocity from all of the meters in the 1977-1978 survey. These plots are described in detail in Section 4 of the report. They are listed below:

Aanderaa #2830: North and East Current Components for October 1977 . . . . . Figure B-1

Aanderaa #2830: North and East Current Components for November 1977 . . . . . Figure B-2

Aanderaa #2830: North and East Current Components for December 1977 . . . . . Figure B-3

Aanderaa #2830: North and East Current Components for January 1978 . . . . . Figure B-4

Aanderaa #2830: North and East Current Components for February 1978 . . . . . Figure B-5

Aanderaa #2918: North and East Current Components for October 1977 . . . . . Figure B-6

Aanderaa #2918: North and East Current Components for November 1977 . . . . . Figure B-7

Aanderaa #2918: North and East Current Components for December 1977 . . . . . Figure B-8

Aanderaa #2919: North and East Current Components for October 1977 . . . . . Figure B-9

Aanderaa #2919: North and East Current Components for November 1977 . . . . . Figure B-10

Aanderaa #2919: North and East Current Components for December 1977 . . . . . Figure B-11

Aanderaa #2919: North and East Current Components for January 1978 . . . . . Figure B-12

Aanderaa #2919: North and East Current Components for February 1978 . . . . . Figure B-13

Aanderaa #2919: North and East Current Components for March 1978 . . . . . Figure B-14

Aanderaa #2920: North and East Current Components for October 1977 . . . . . Figure B-15

Aanderaa #2920: North and East Current Components for November 1977 . . . . . Figure B-16

Aanderaa #2920: North and East Current Components for December 1977 . . . . . Figure B-17

Aanderaa #2920: North and East Current Components for January 1978 . . . . . Figure B-18

Aanderaa #2920: North and East Current Components for February 1978 . . . . . Figure B-19

Aanderaa #2920: North and East Current Components for March 1978 . . . . . Figure B-20

VACM: North and East Current Components for October 1978 . . . . . Figure B-21

VACM: North and East Current Components for October 1977 . . . . . Figure B-21

VACM: North and East Current Components for November 1977 . . . . . Figure B-22

VACM: North and East Current Components for December 1977 . . . . . Figure B-23

VACM: North and East Current Components for January 1978 . . . . . Figure B-24

VACM: North and East Current Components for February 1978 . . . . . Figure B-25

VACM: North and East Current Components for March 1978 . . . . . Figure B-26

VACM: North and East Current Components for April 1978 . . . . . Figure B-27

VACM: North and East Current Components for May 1978 . . . . . Figure B-28

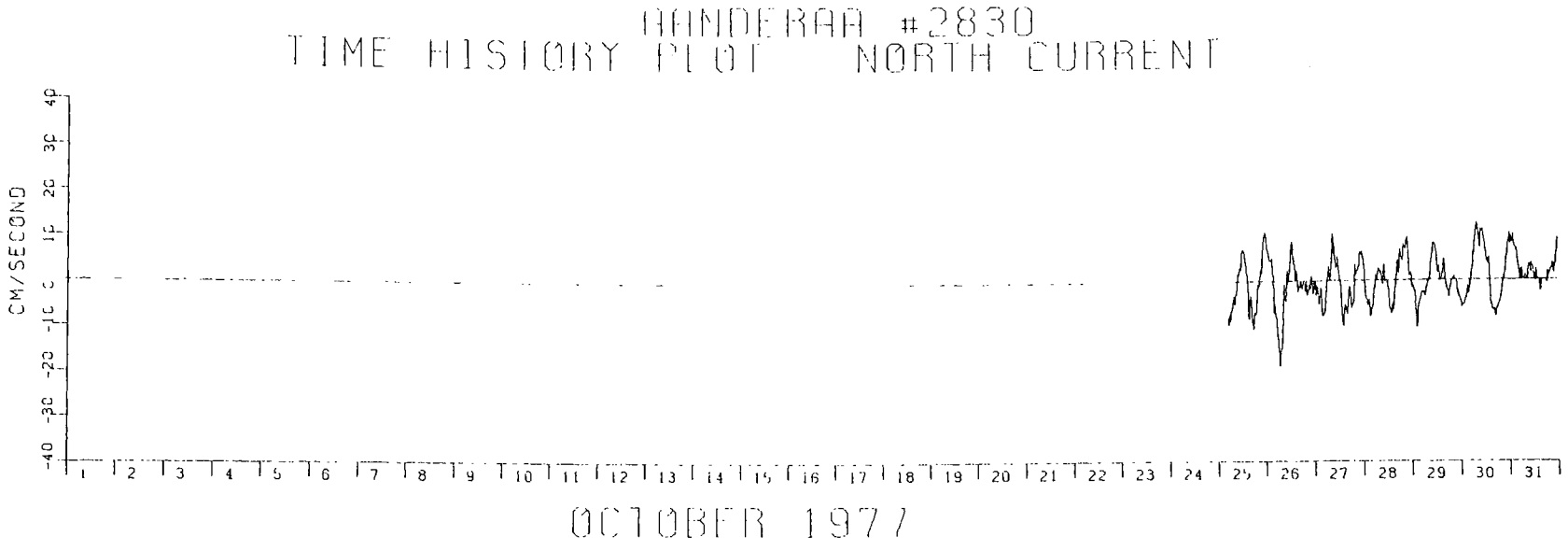
VACM: North and East Current Components for June 1978 . . . . . Figure B-29

VACM: North and East Current Components for
July 1978 . . . . . Figure B-30

VACM: North and East Current Components for
August 1978 . . . . . Figure B-31

VACM: North and East Current Components for
September 1978 . . . . . Figure B-32

VACM: North and East Current Components for
October 1978 . . . . . Figure B-33


AANDERAA #2830
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40 30 20 10 0 -10 -20 -30 -40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

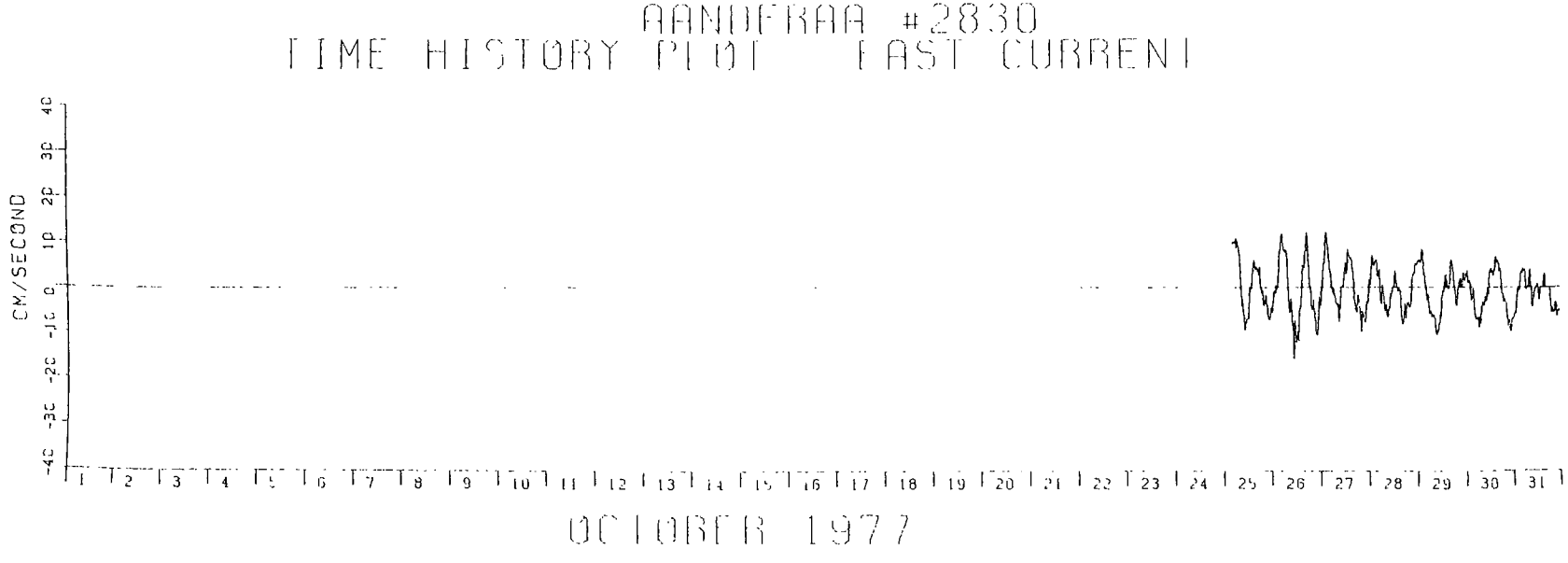
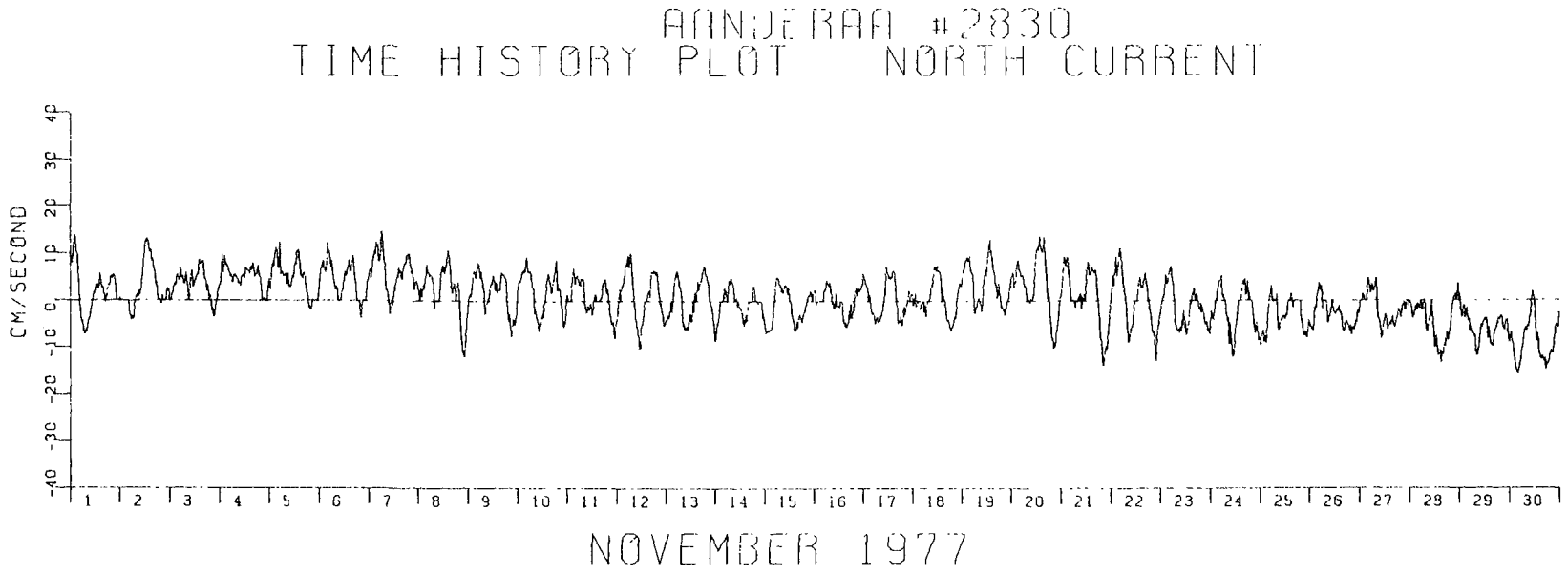

AANDERAA #2830
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40 30 20 10 0 -10 -20 -30 -40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

Figure B-1


AANDERAA #2830
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
4p
3p
2p
1p
0
-1c
-2c
-3c
-4c
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
NOVEMBER 1977

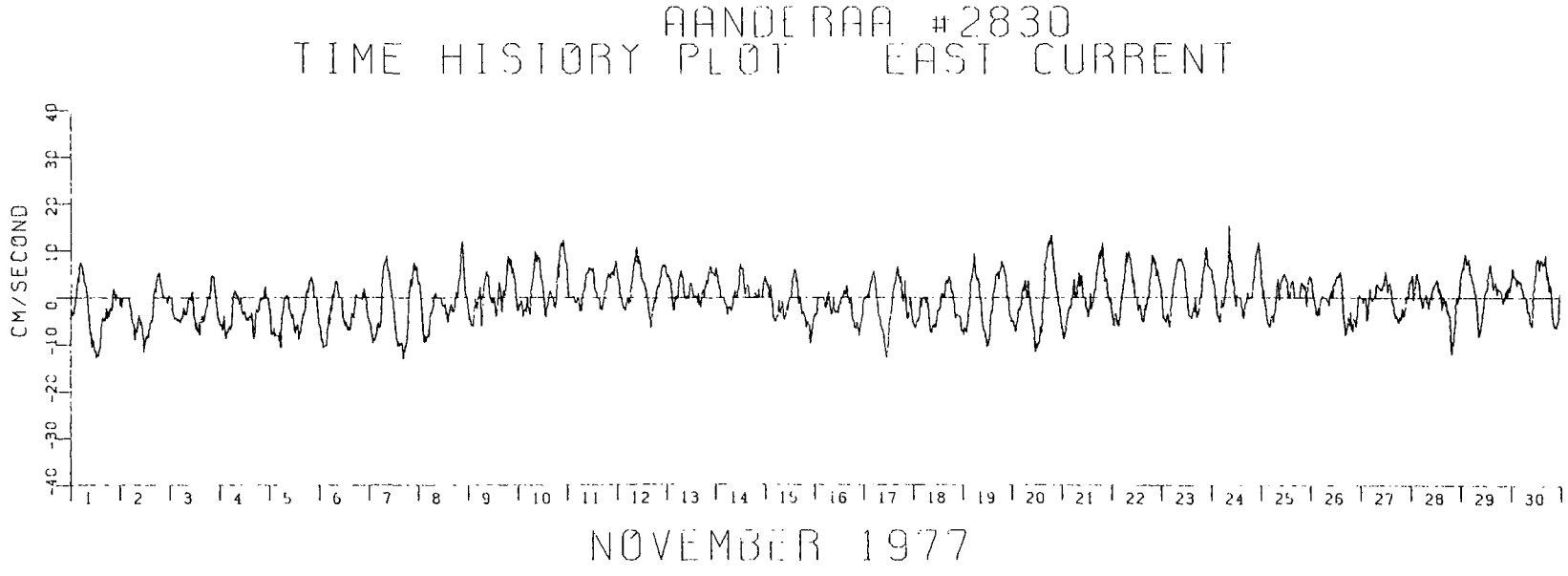
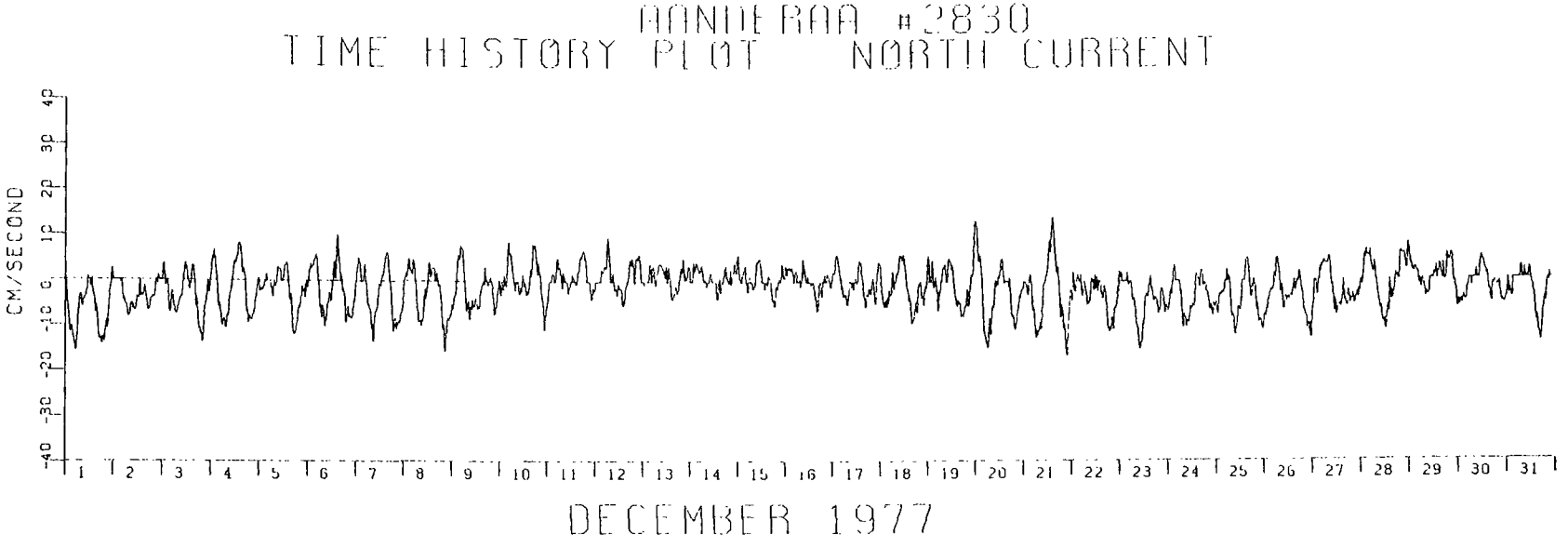

AANDERAA #2830
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
4p
3p
2p
1p
0
-1c
-2c
-3c
-4c
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
NOVEMBER 1977

Figure B-2


AANDERAA #2830
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
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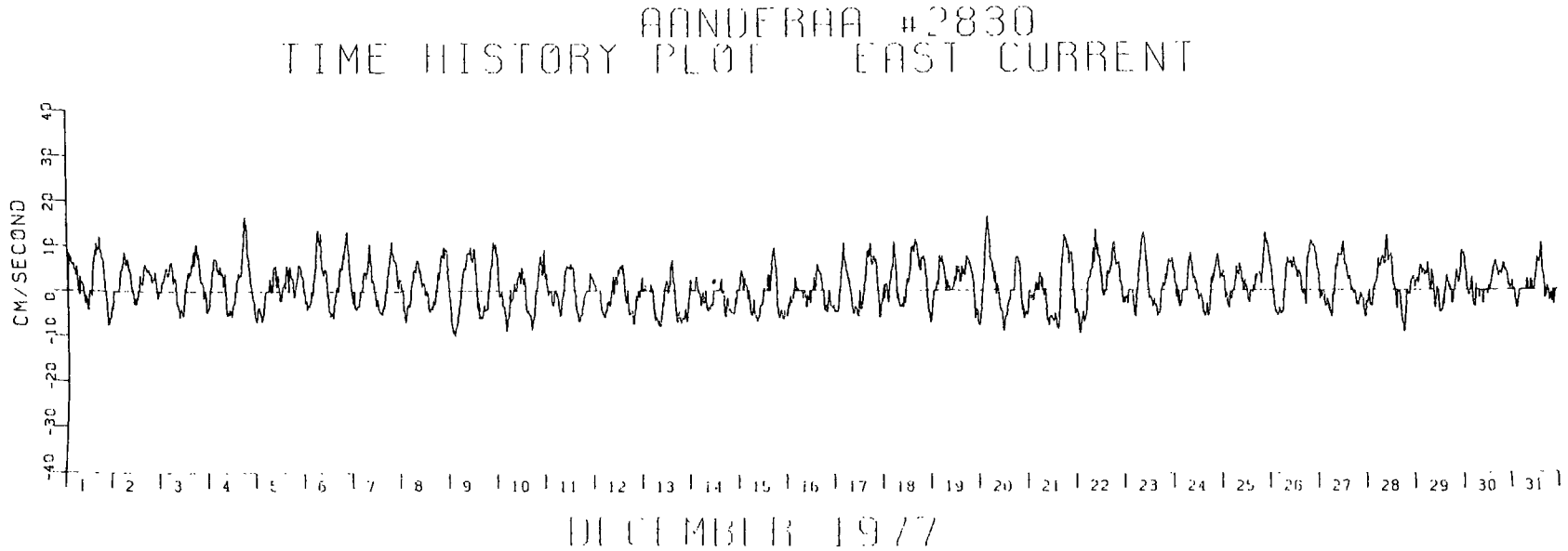
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977


AANDERAA #2830
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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-40
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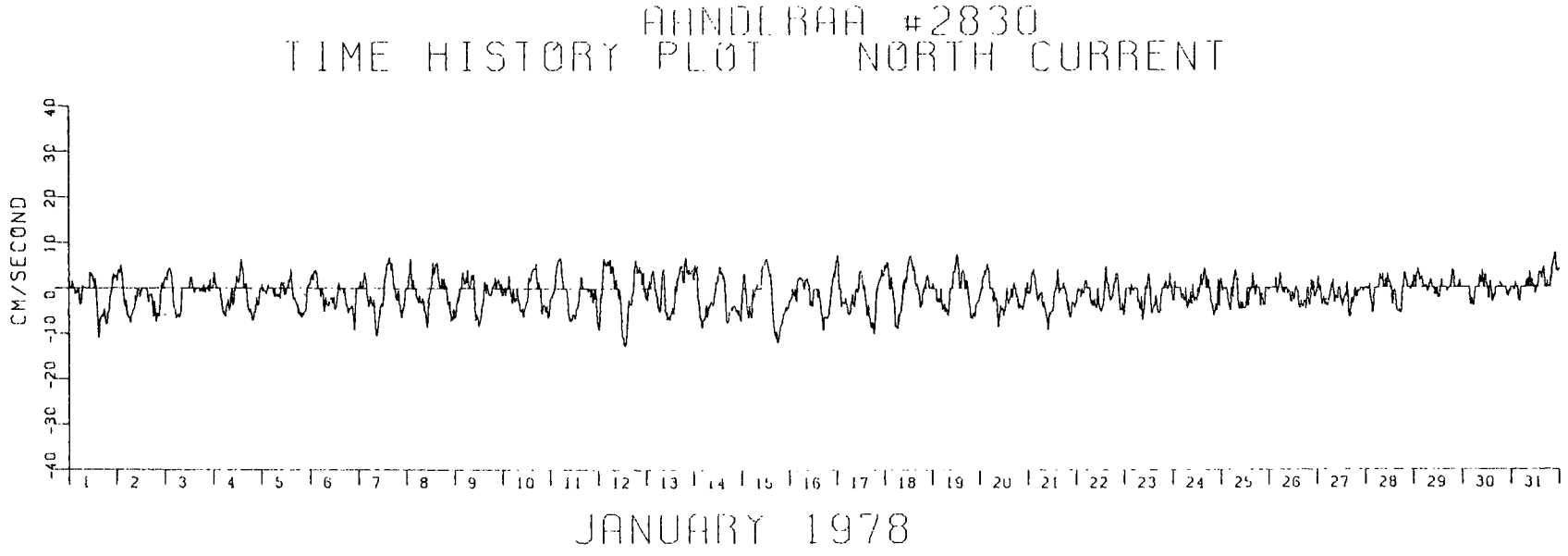
DECEMBER 1977

Figure B-3


AANDERAA #2830
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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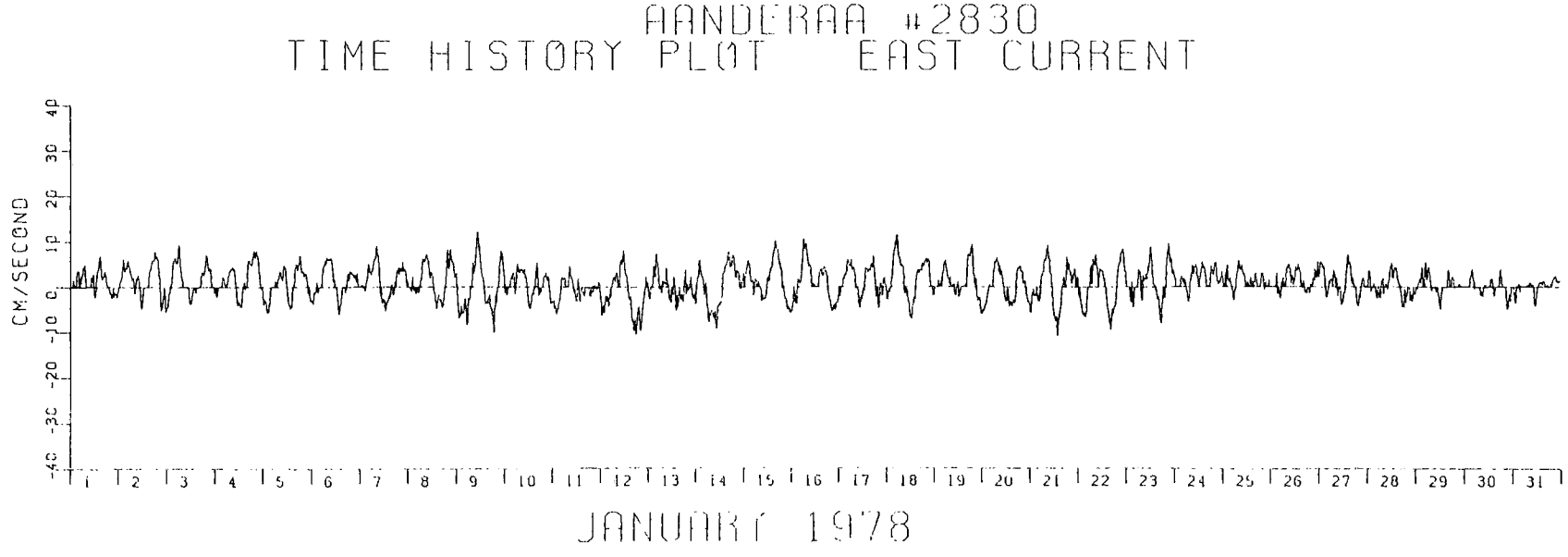
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JANUARY 1978


AANDERAA #2830
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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10
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-10
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-40
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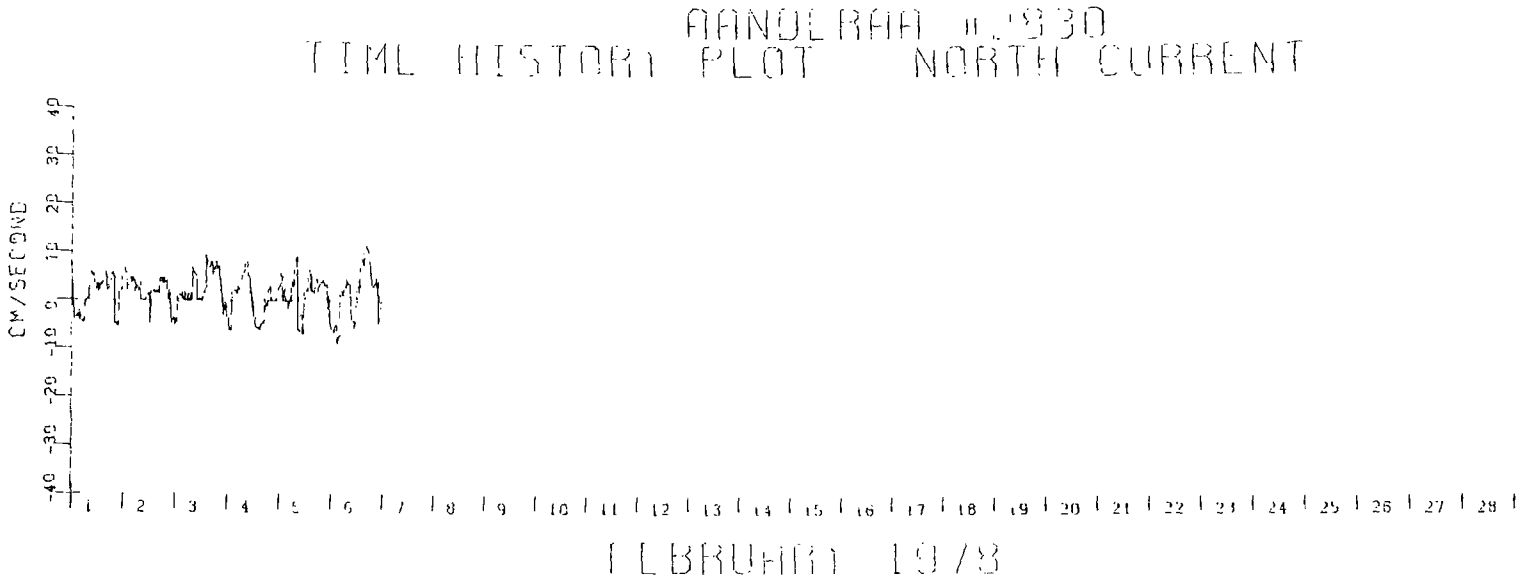
JANUARY 1978

Figure B-4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TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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-20
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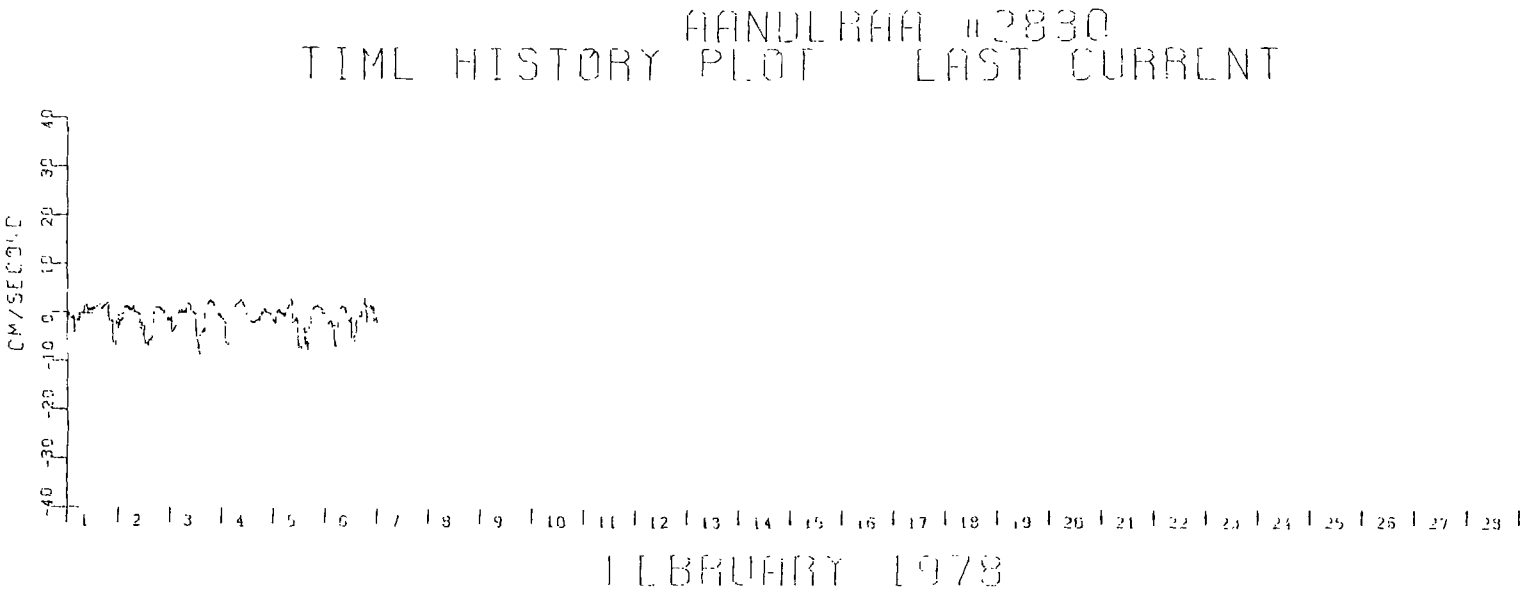
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978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TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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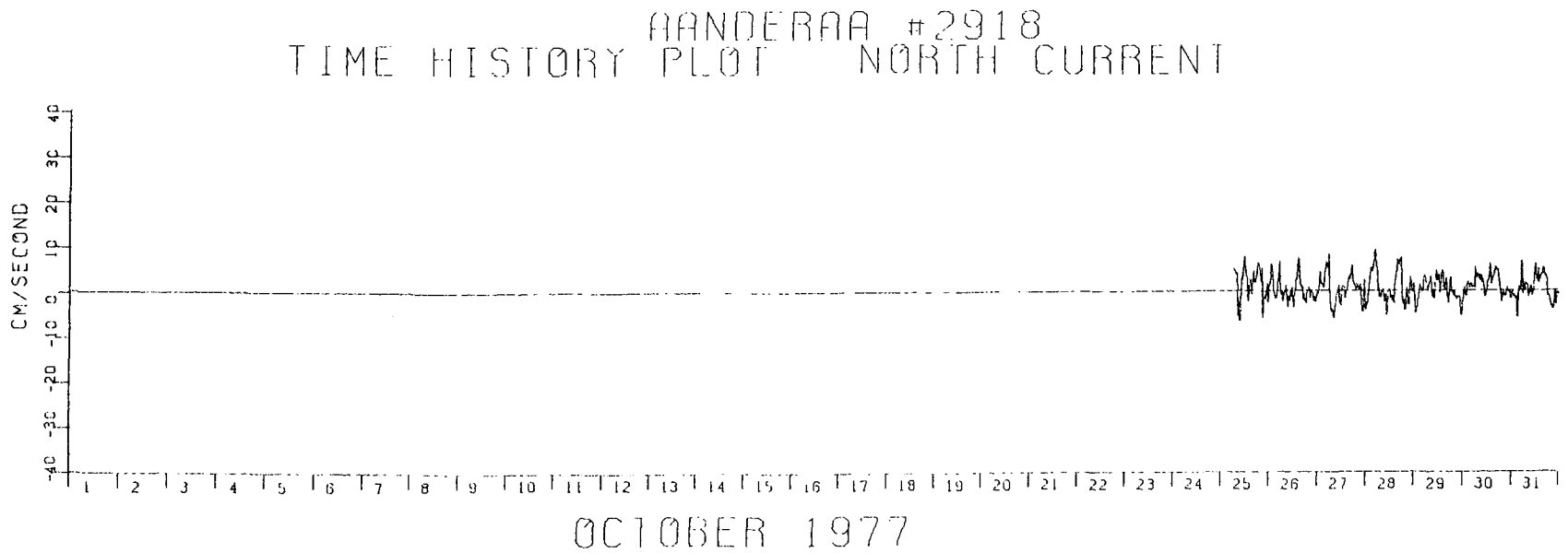
FEBRUARY 1978

Figure B-5


AANDERAA #2918
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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10
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-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

AANDERAA #2918
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

Figure B-6

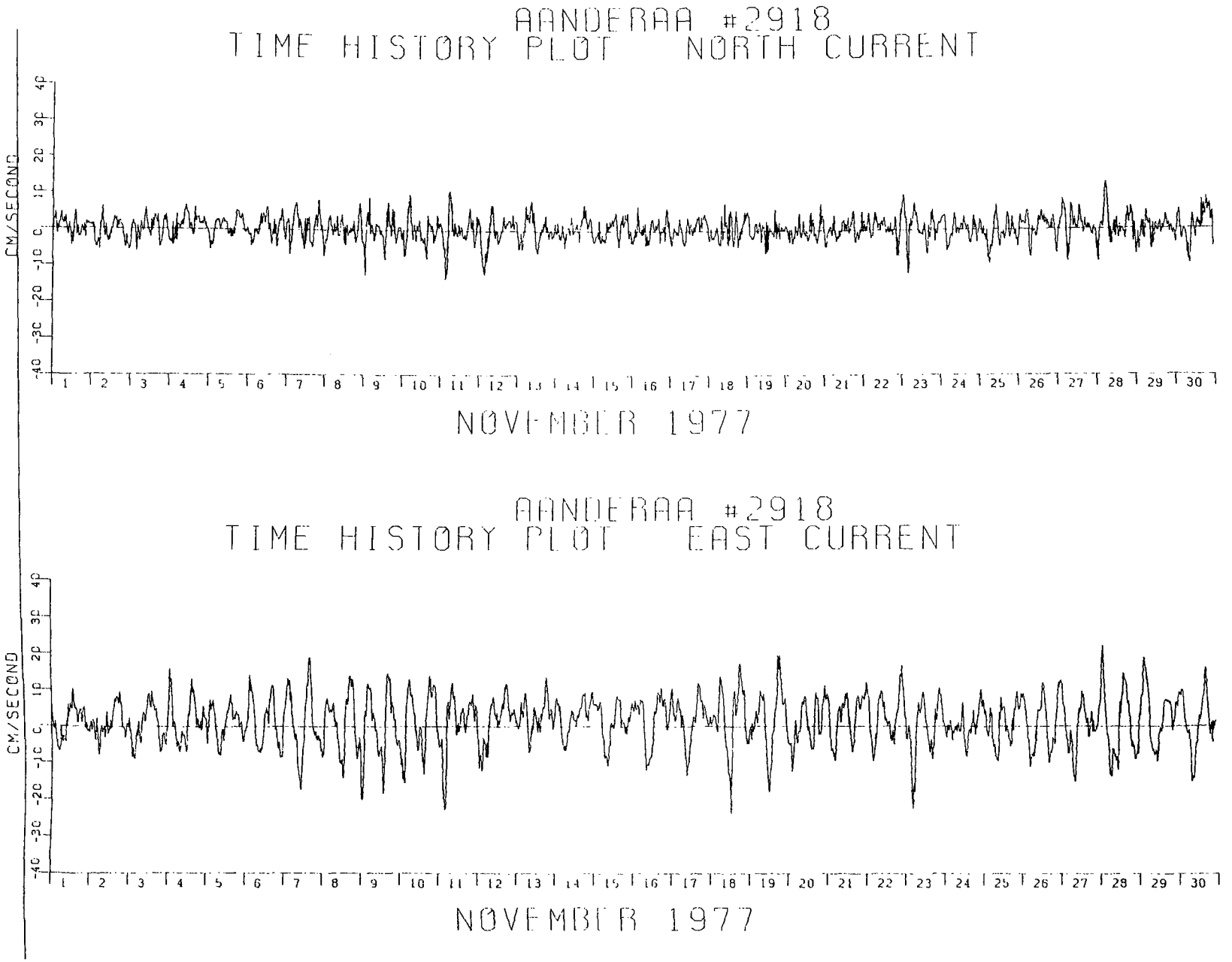
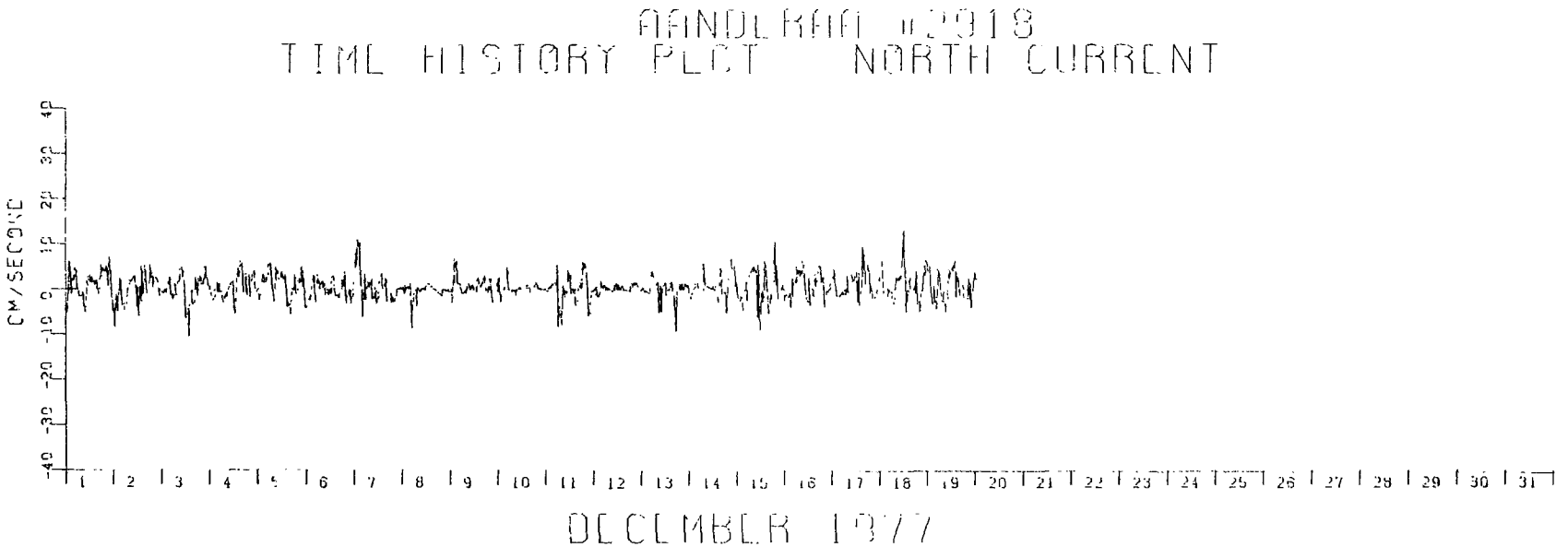

AANDERAA #2918
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
NOVEMBER 1977
AANDERAA #2918
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
NOVEMBER 1977

Figure B-7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TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
DECEMBER 1977

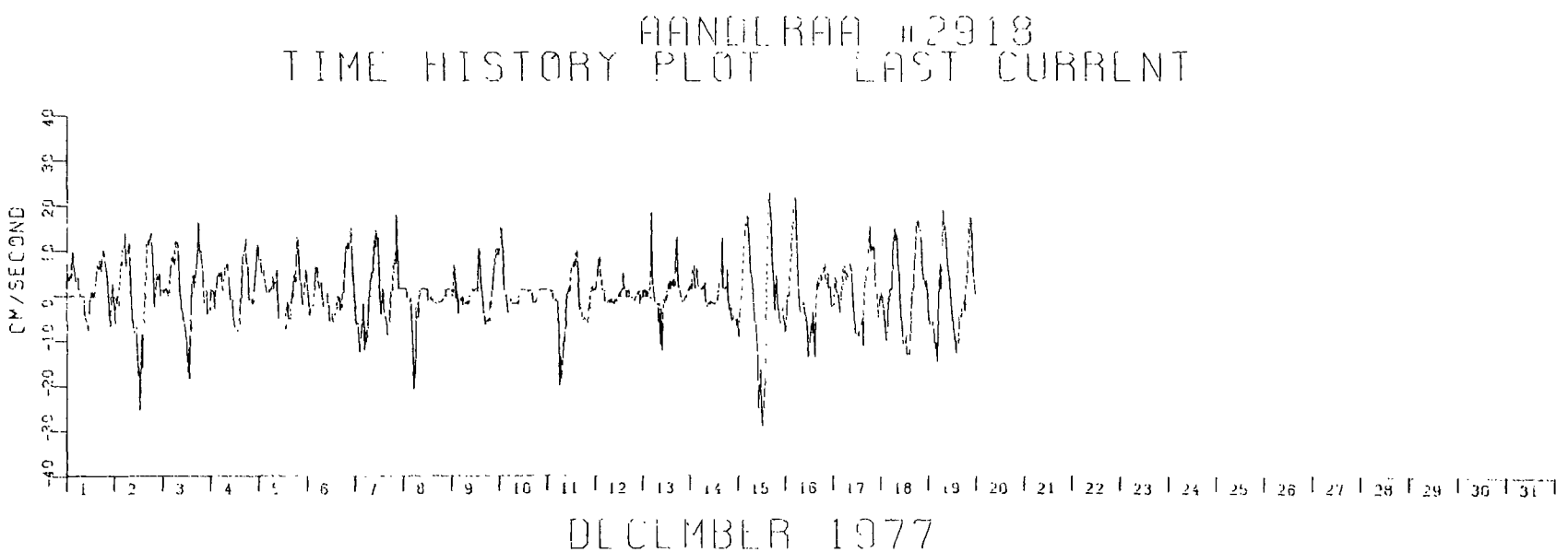
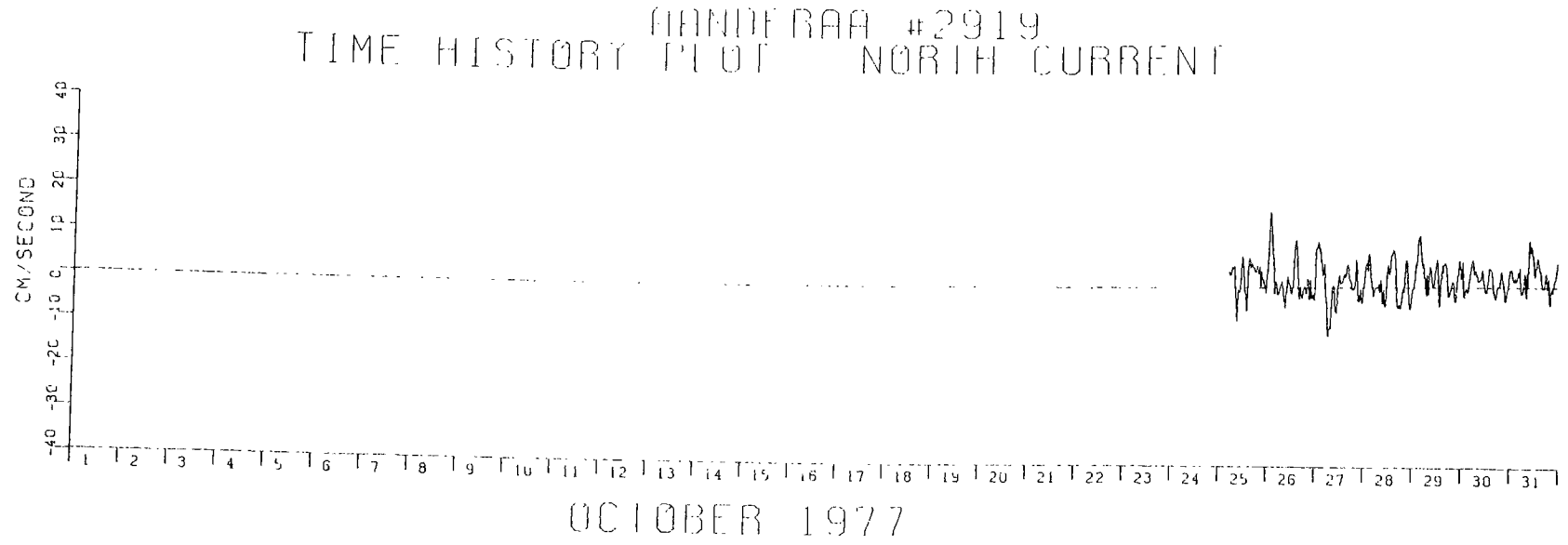

AANDLRAA #2918
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
DECEMBER 1977

Figure B-8


AANDERAA #2919
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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-10
-20
-30
-40
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OCTOBER 1977

AANDERAA #2919
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
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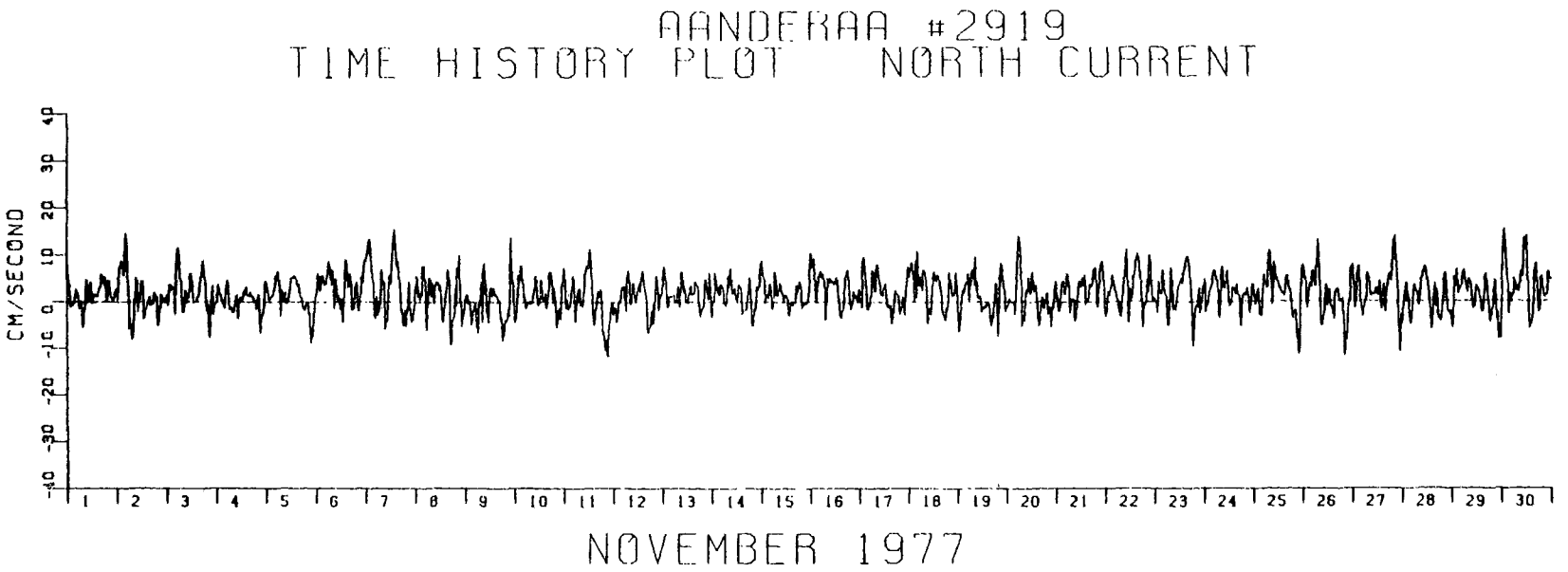
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

Figure B-9


AANDERAA #2919
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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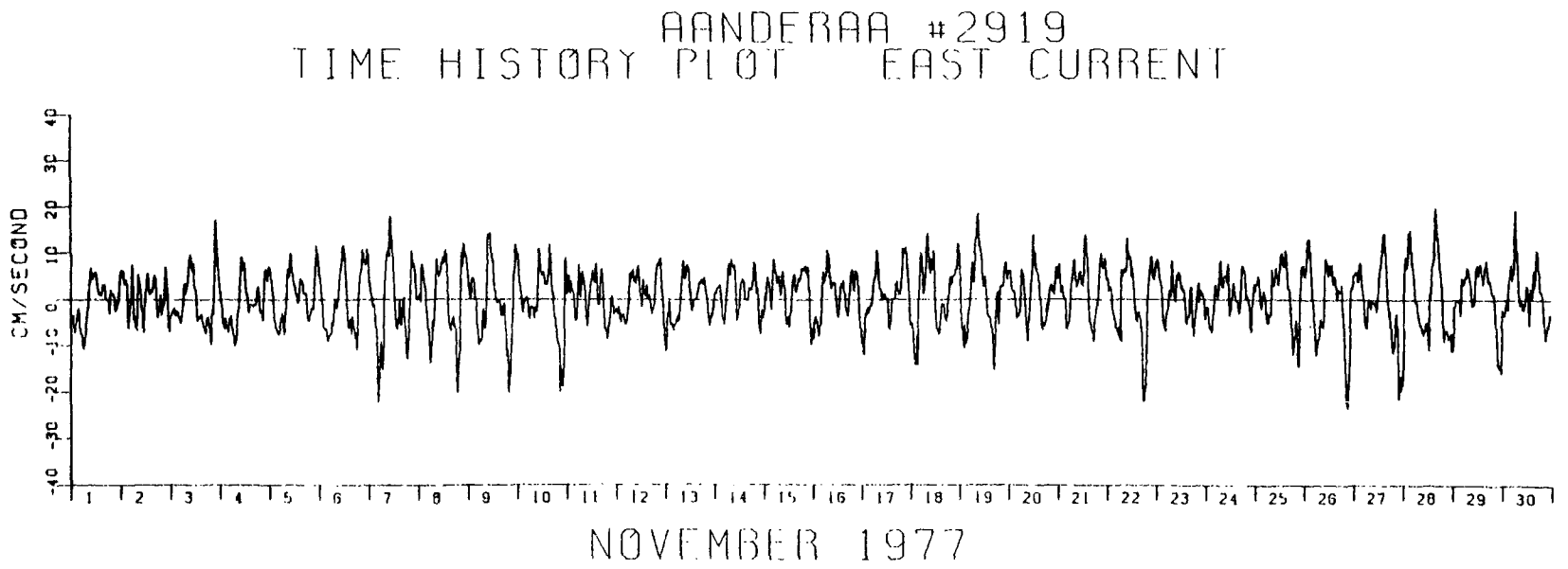
NOVEMBER 1977


AANDERAA #2919
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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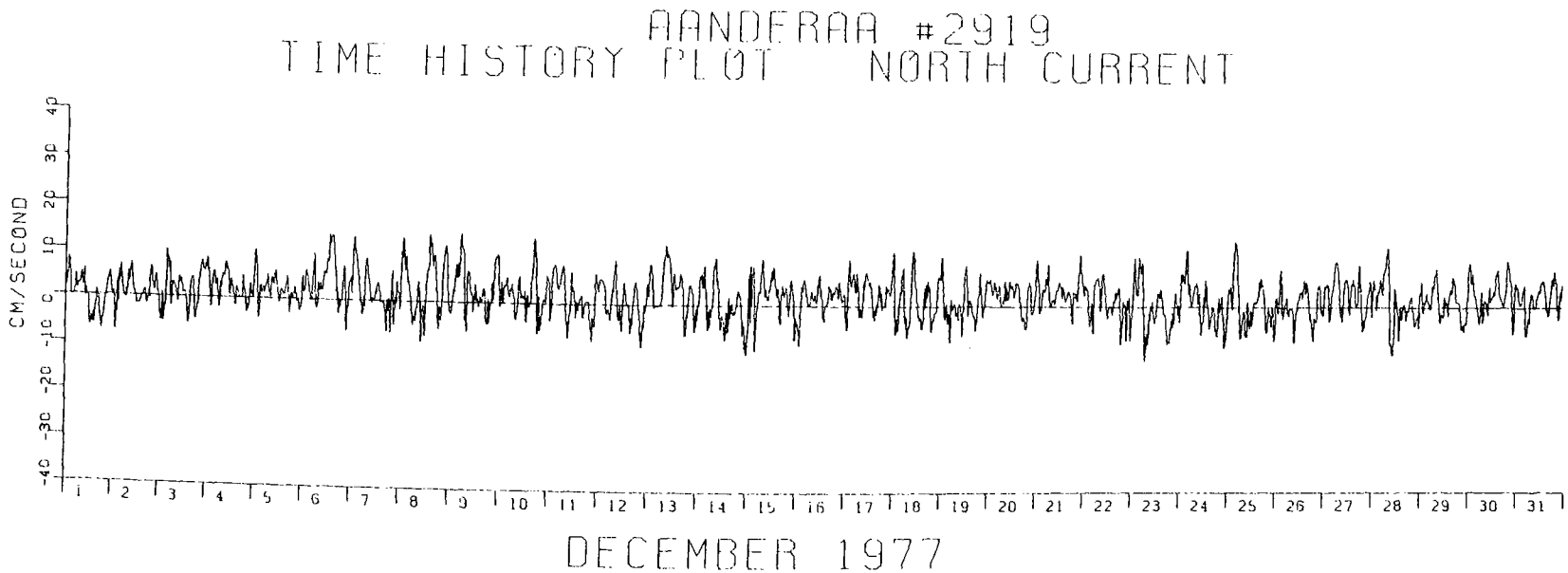
NOVEMBER 1977

Figure B-10


AANDERAA #2919
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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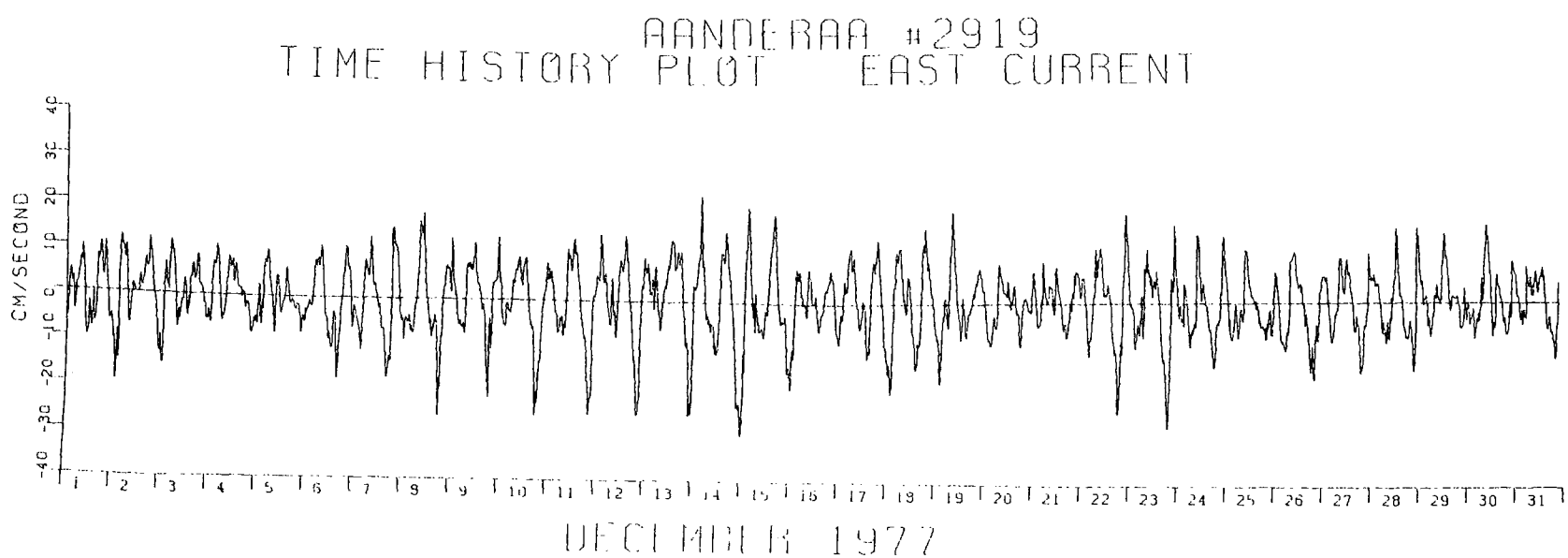
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977


AANDERAA #2919
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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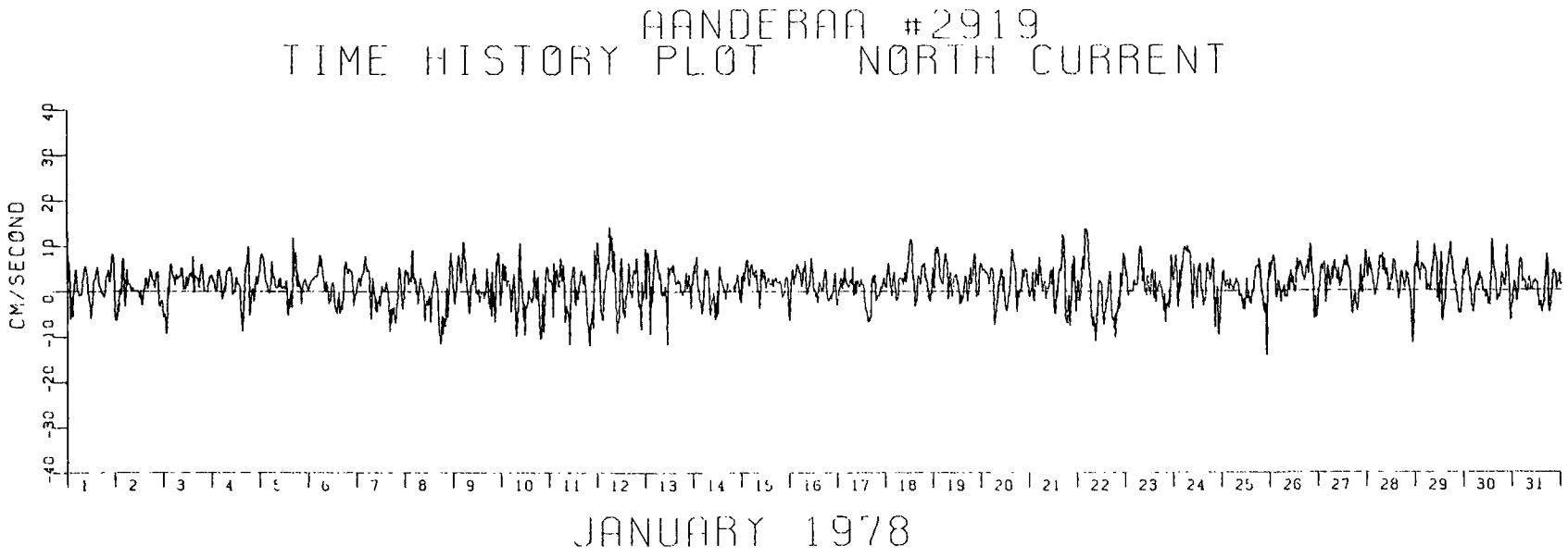
DECEMBER 1977

Figure B-11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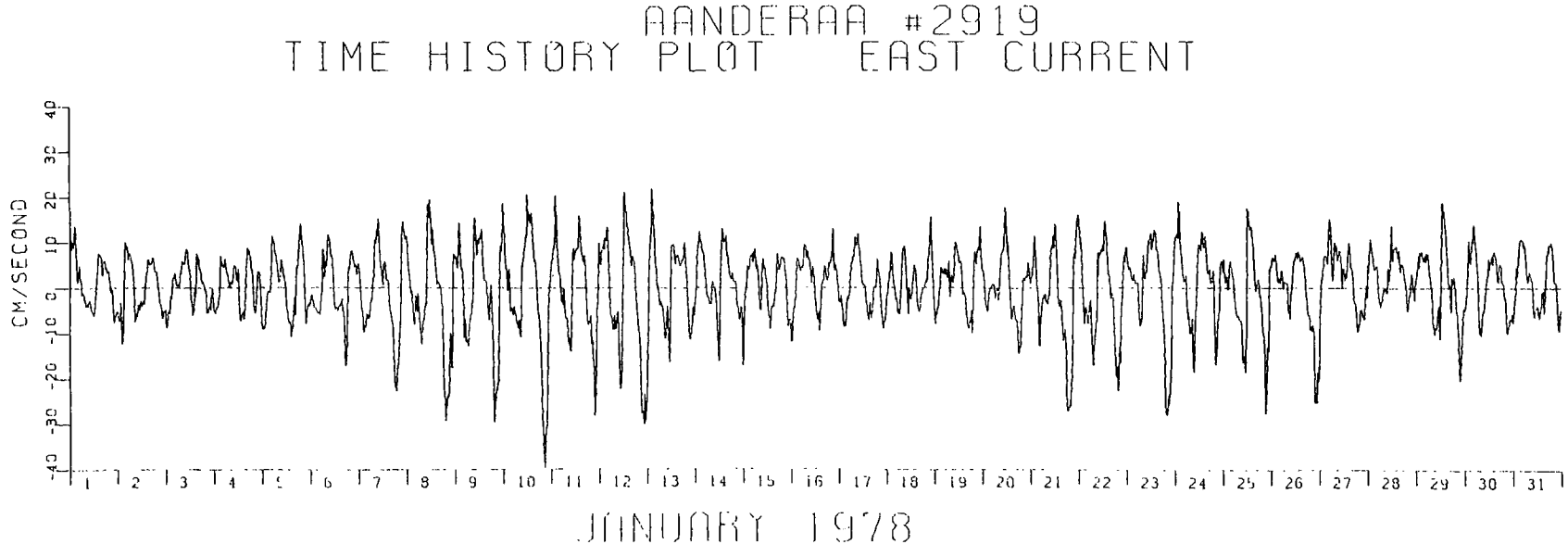
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
JANUARY 1978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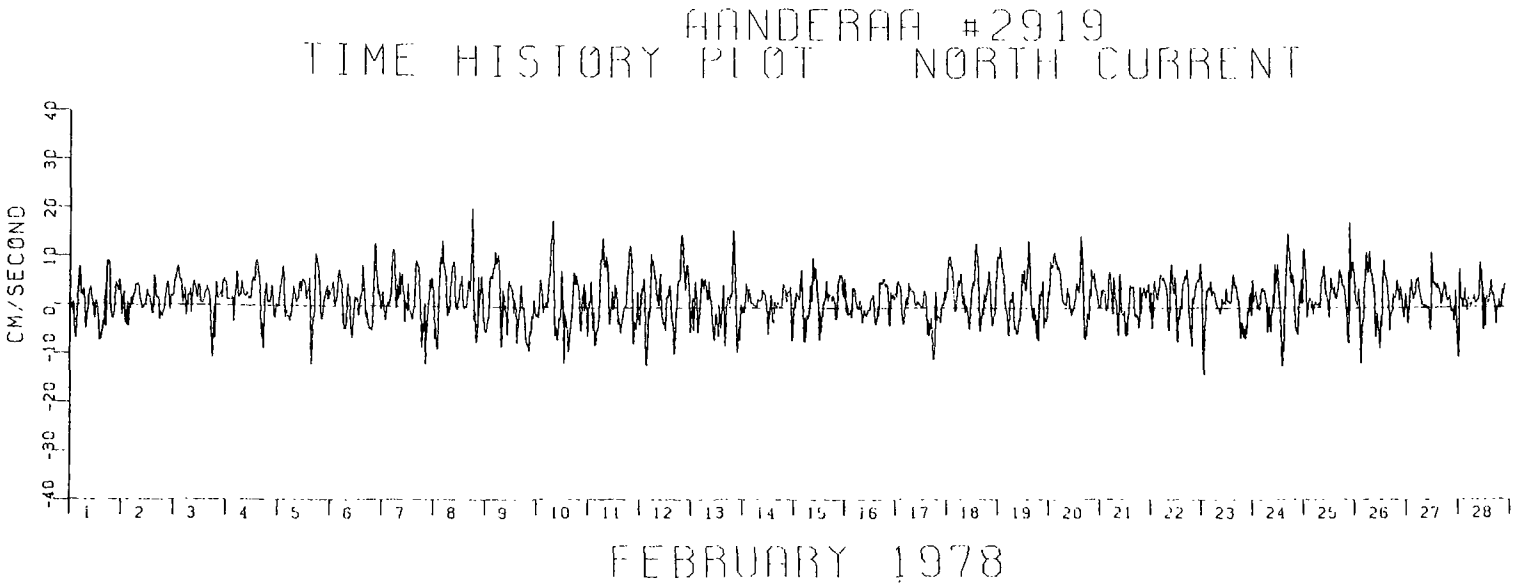
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
JANUARY 1978

Figure B-12


AANDERAA #2919
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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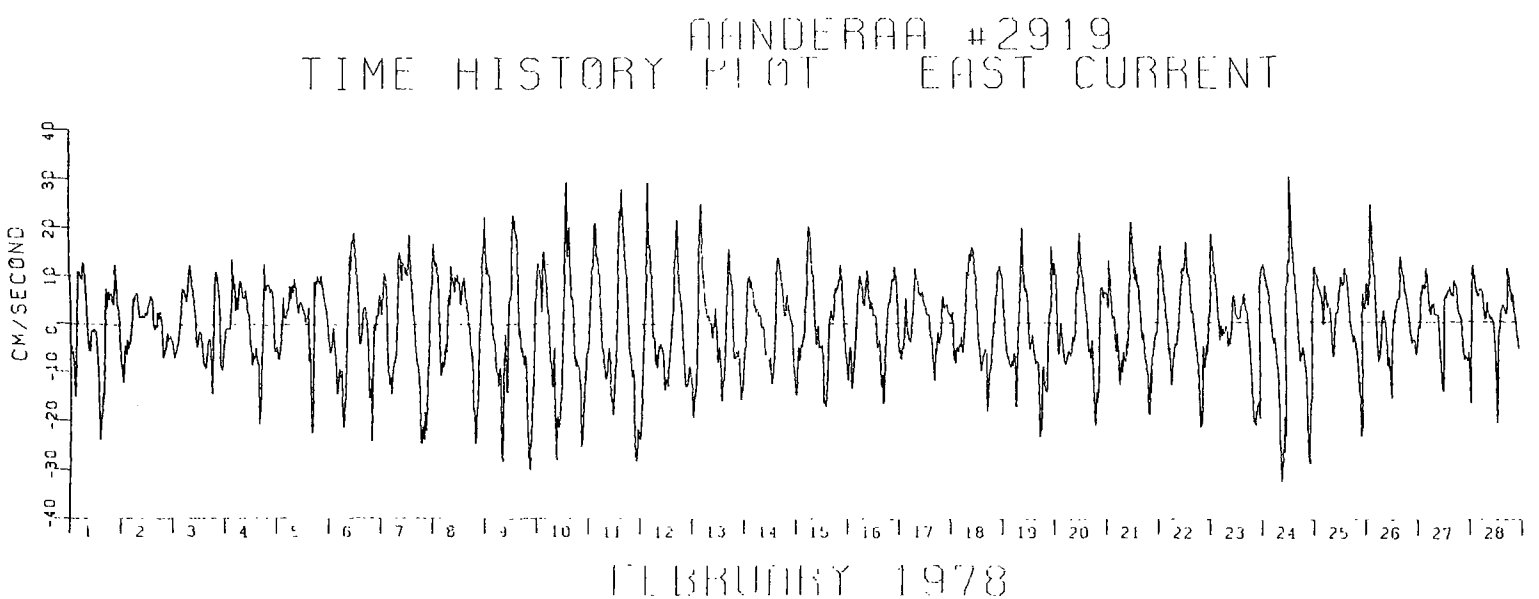
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978


AANDERAA #2919
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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-40
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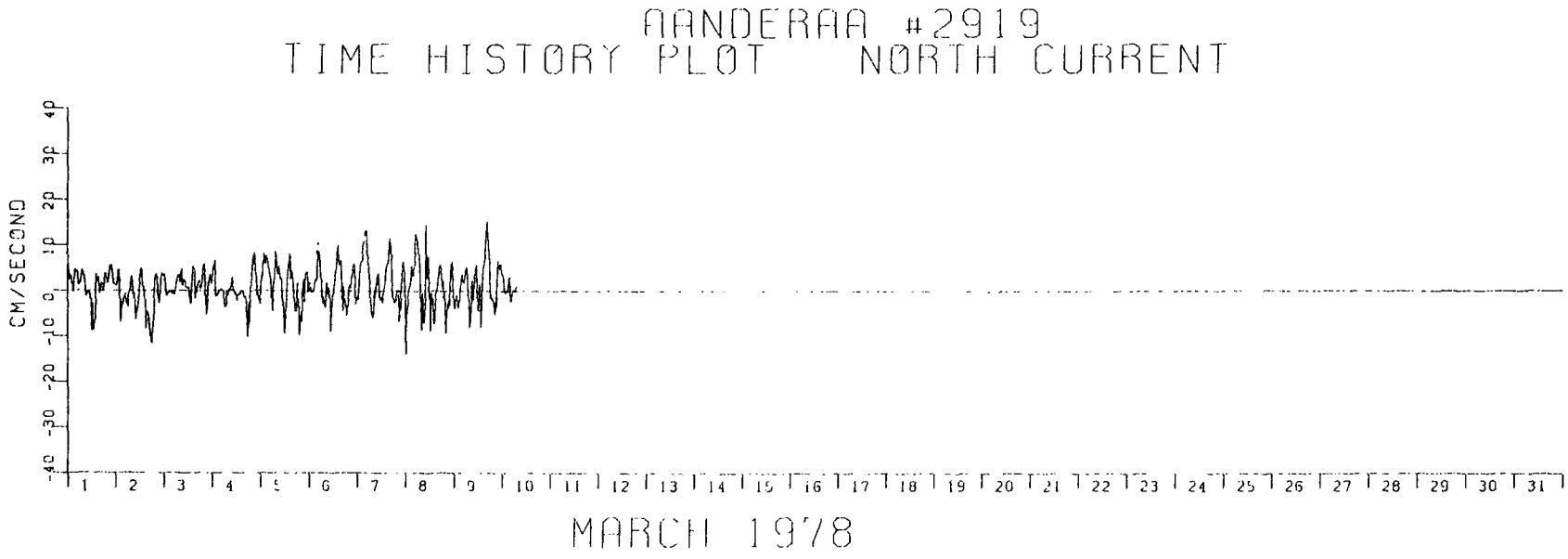
FEBRUARY 1978

Figure B-13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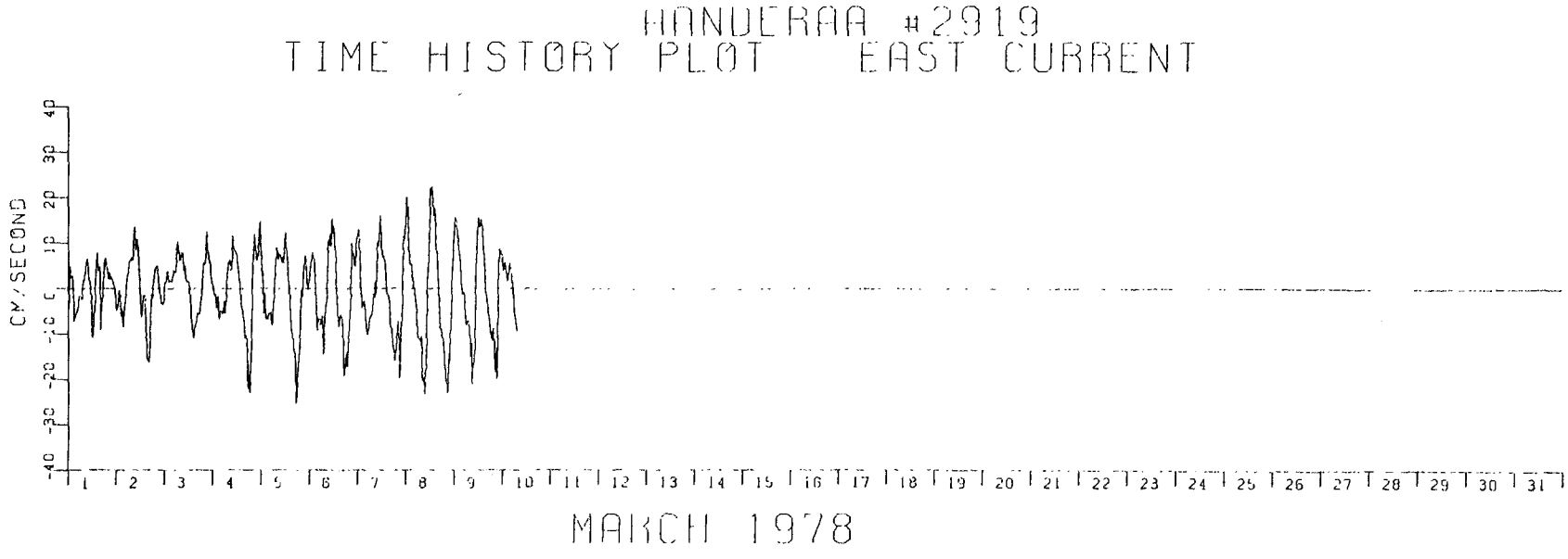
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
MARCH 1978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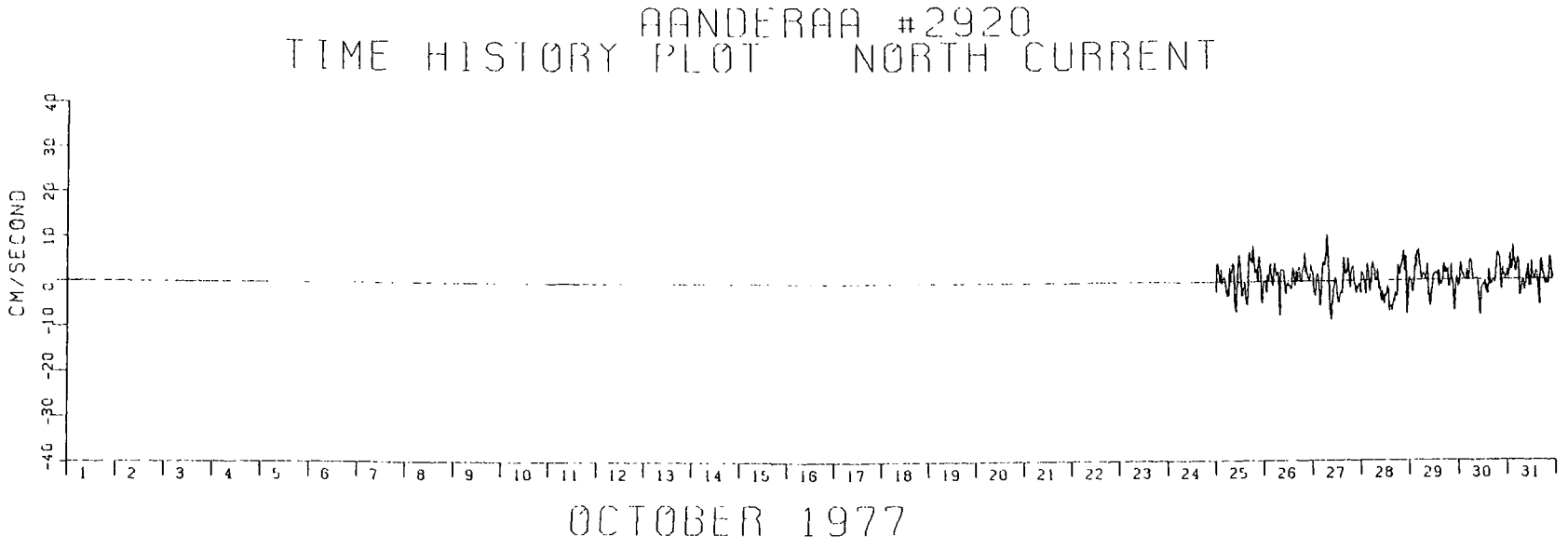
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
MARCH 1978

Figure B-14


AANDERAA #2920
TIME HISTORY PLOT NORTH CURRENT
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-10
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OCTOBER 1977

AANDERAA #2920
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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30
20
10
0
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-20
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-40
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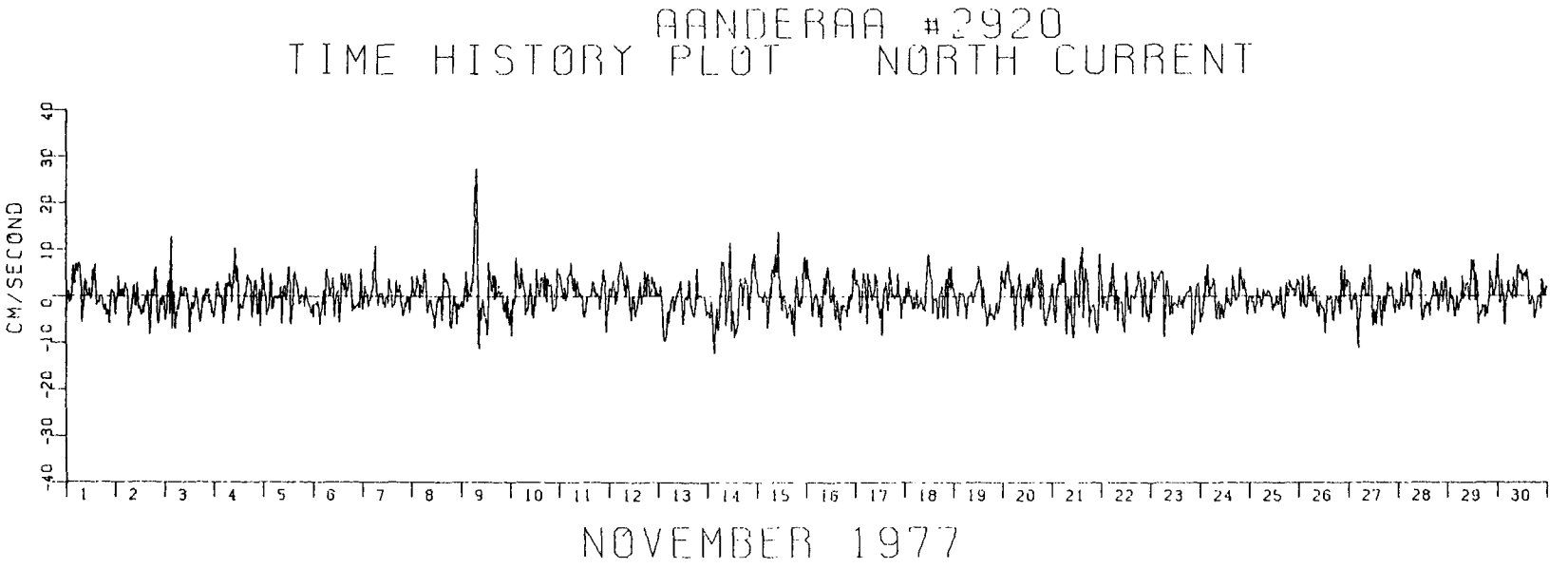
OCTOBER 1977

Figure B-15


AANDERAA #2920
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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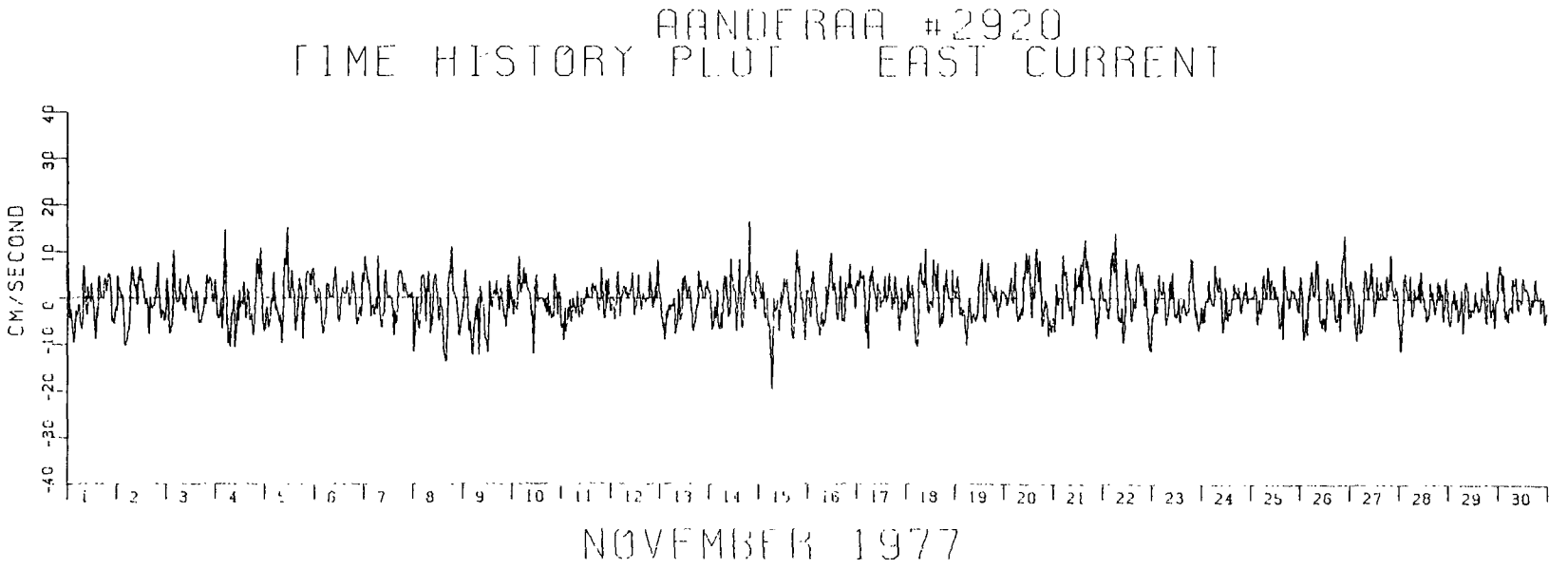
NOVEMBER 1977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TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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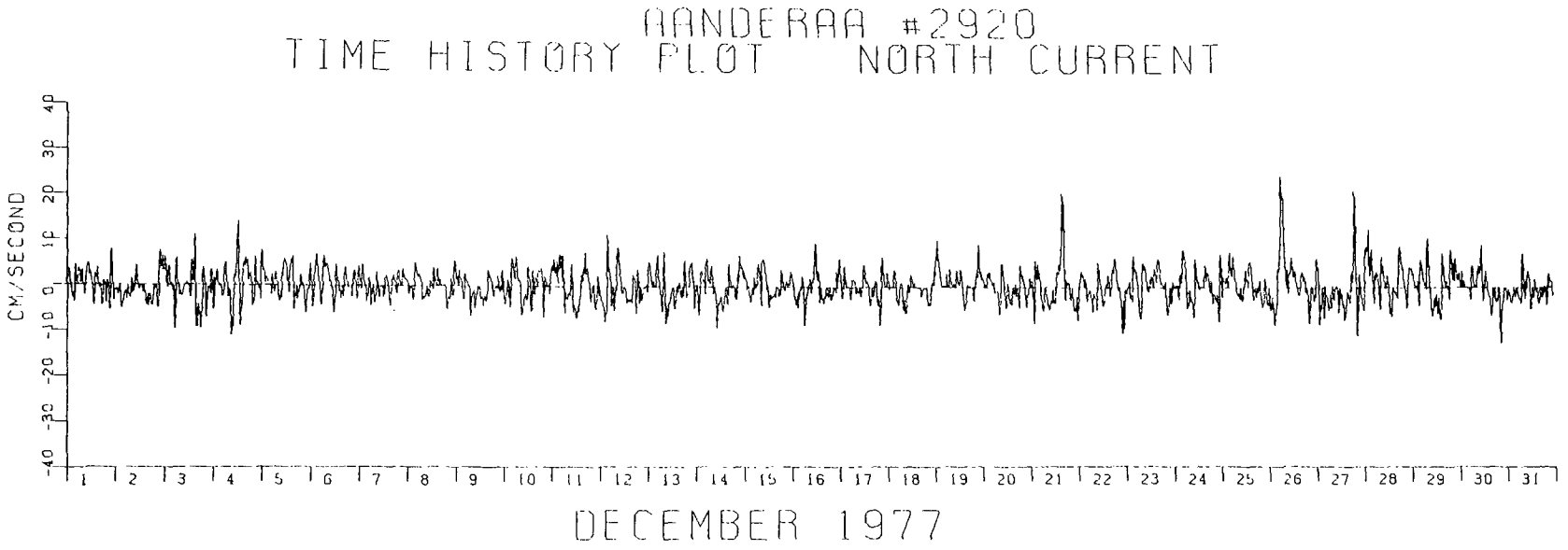
NOVEMBER 1977

Figure B-16


AANDERAA #2920
TIME HISTORY PLOT NORTH CURRENT
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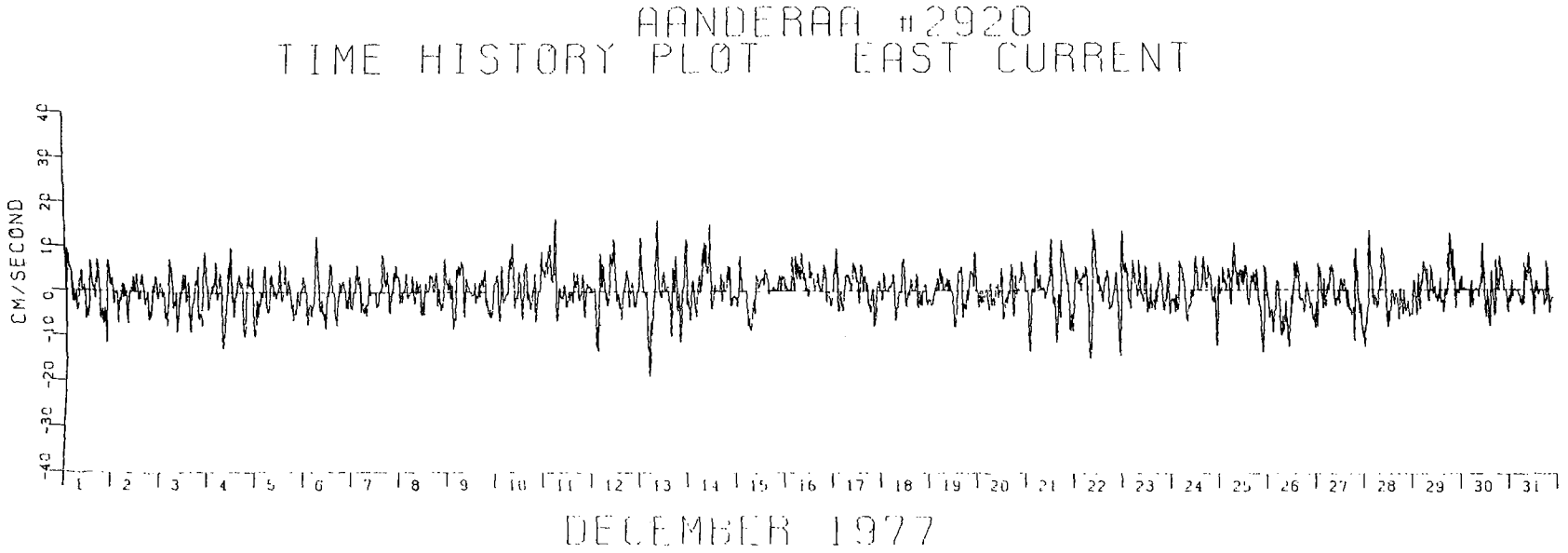
DECEMBER 1977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TIME HISTORY PLOT EAST CURRENT
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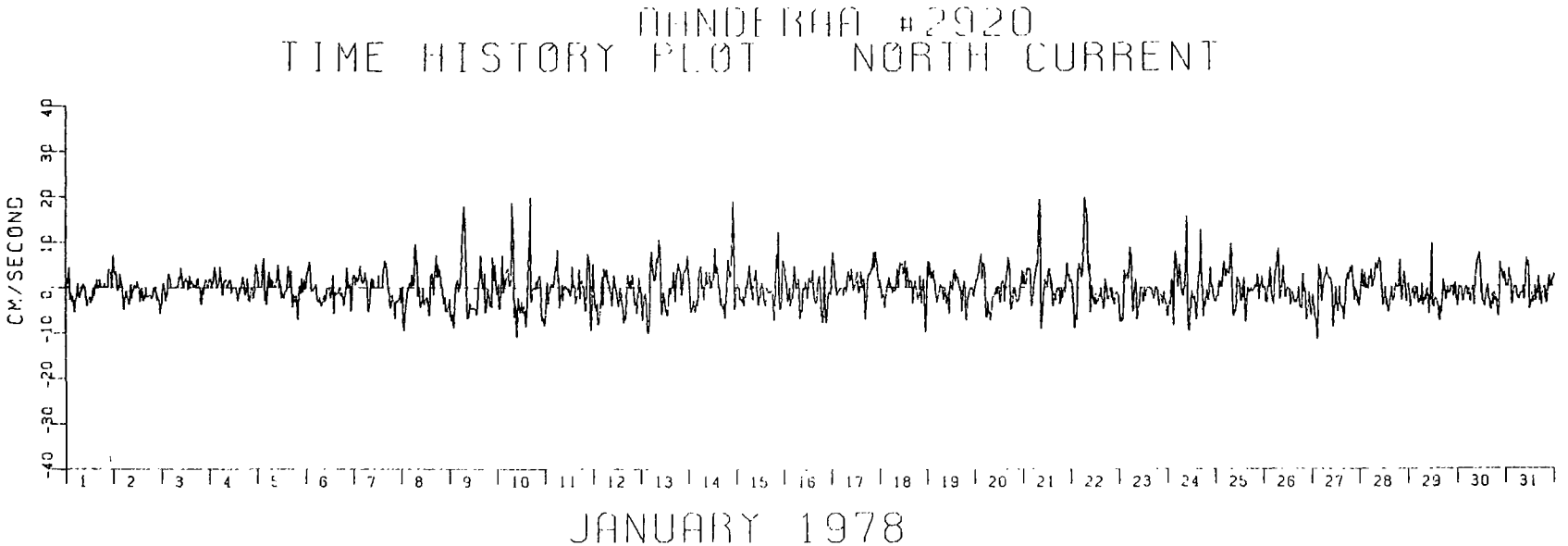
DECEMBER 1977

Figure B-17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TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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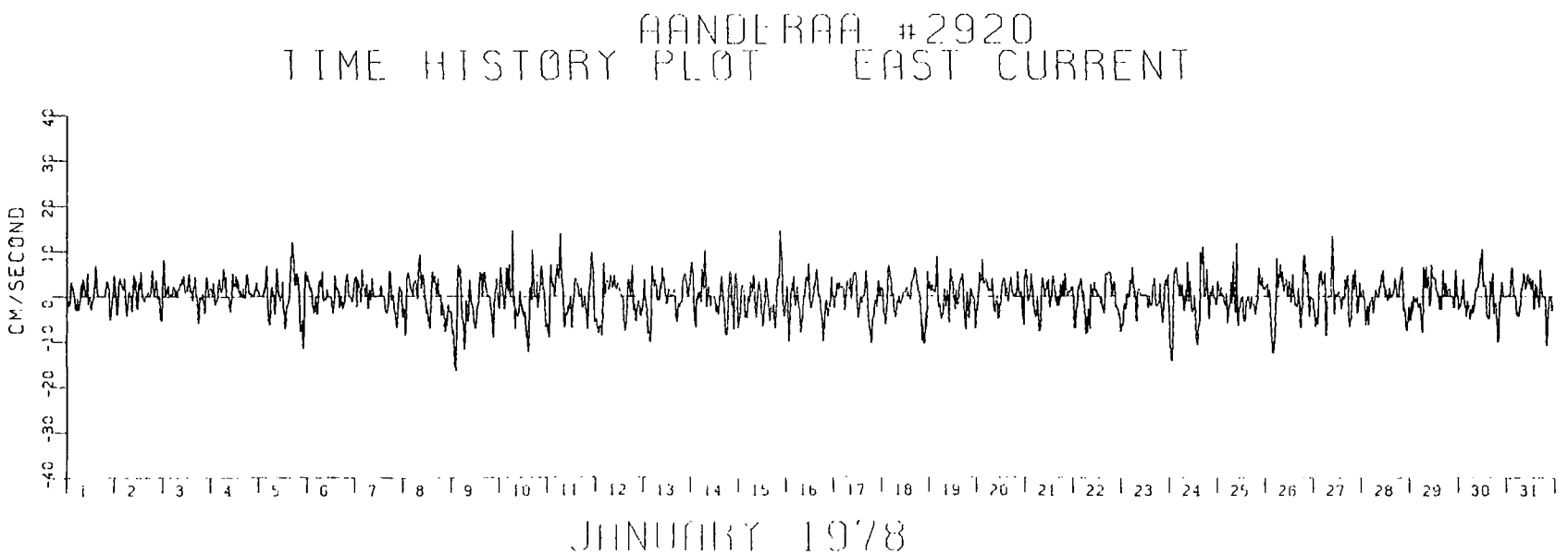
JANUARY 1978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TIME HISTORY PLOT EAST CURRENT
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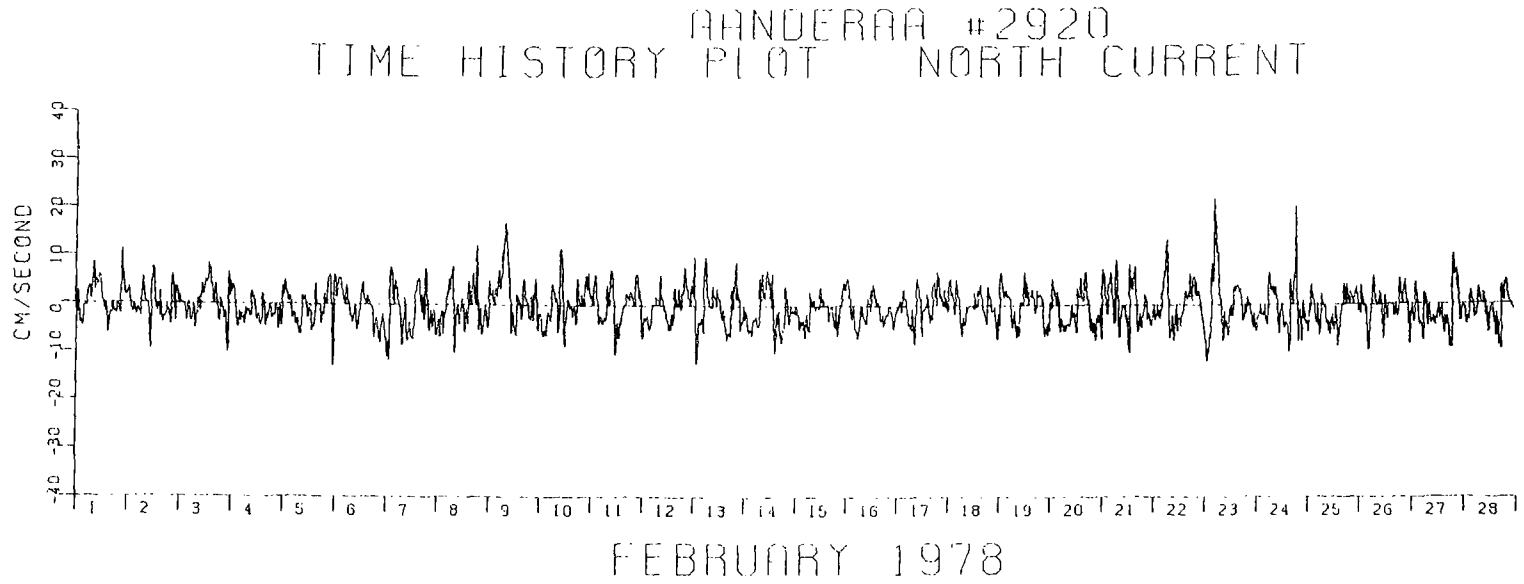
JANUARY 1978

Figure B-18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TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
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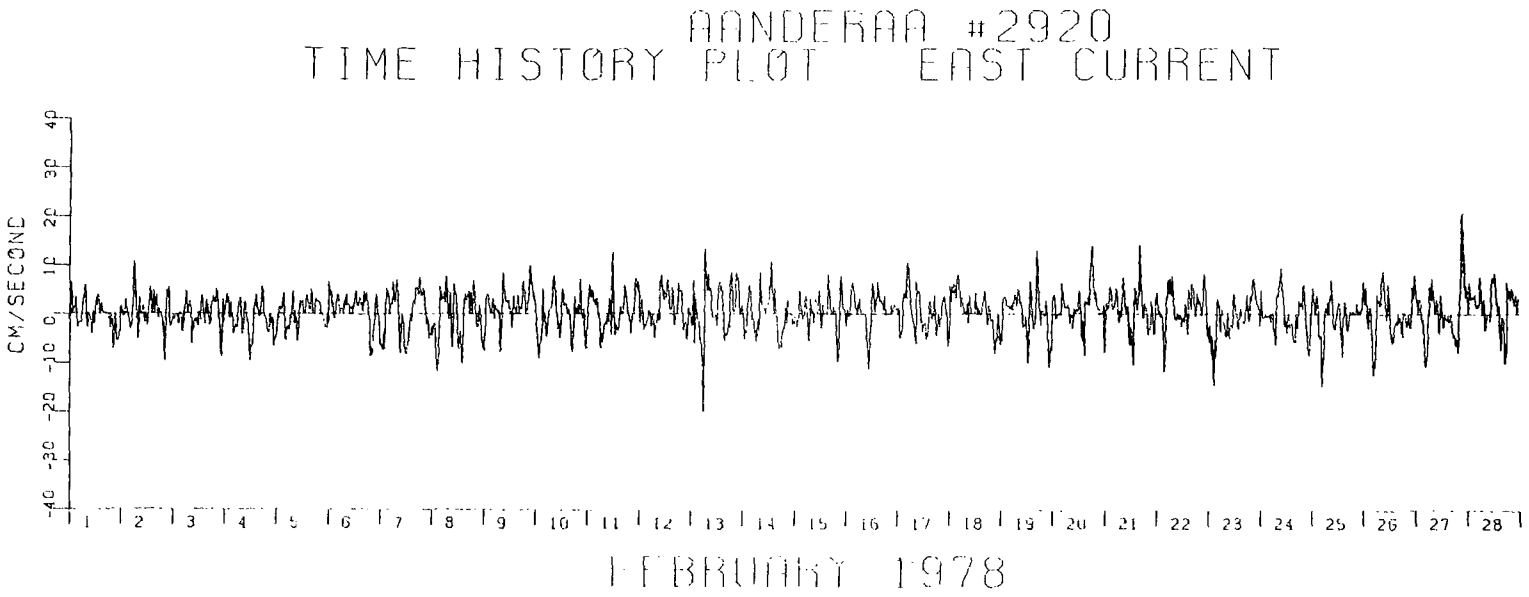
FEBRUARY 1978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TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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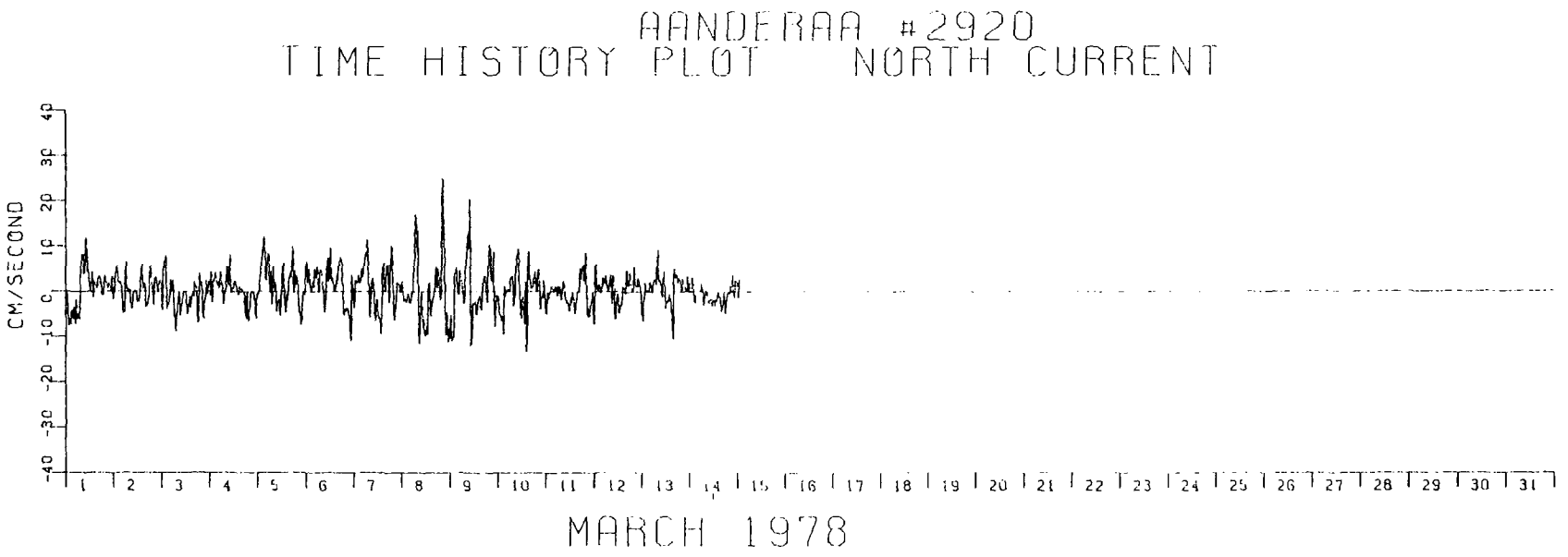
FEBRUARY 1978

Figure B-19


AANDERAA #2920
TIME HISTORY PLOT NORTH CURRENT
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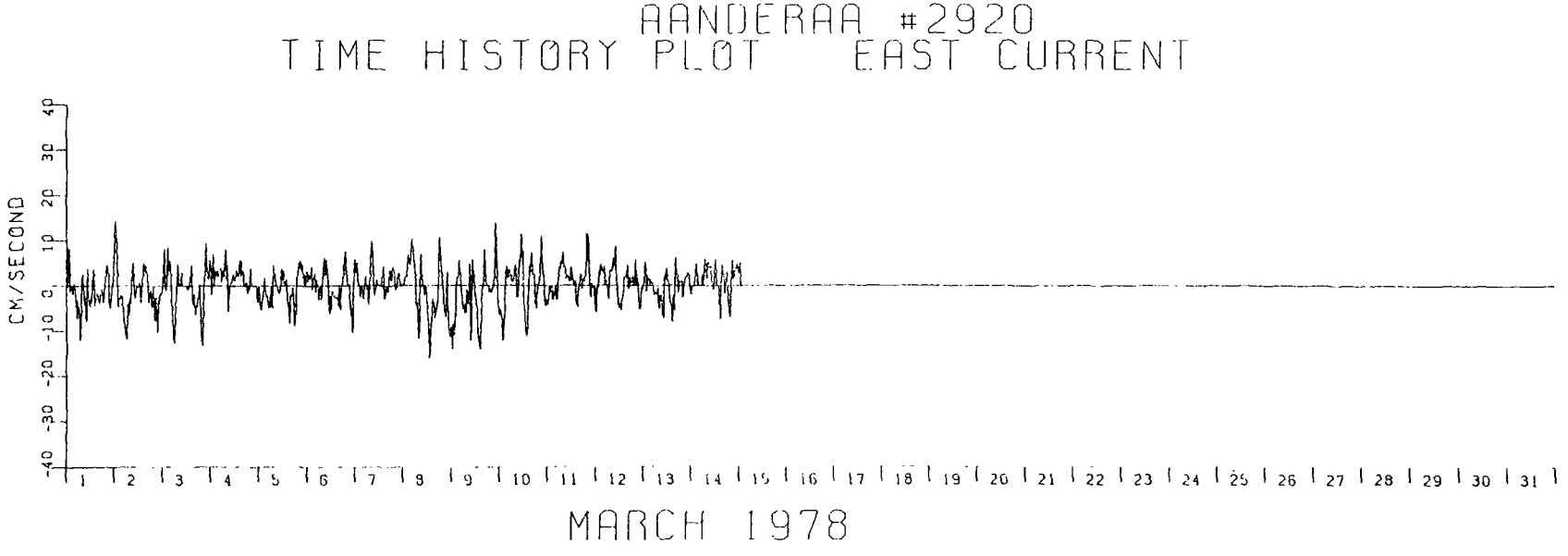
MARCH 1978


AANDERAA #2920
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
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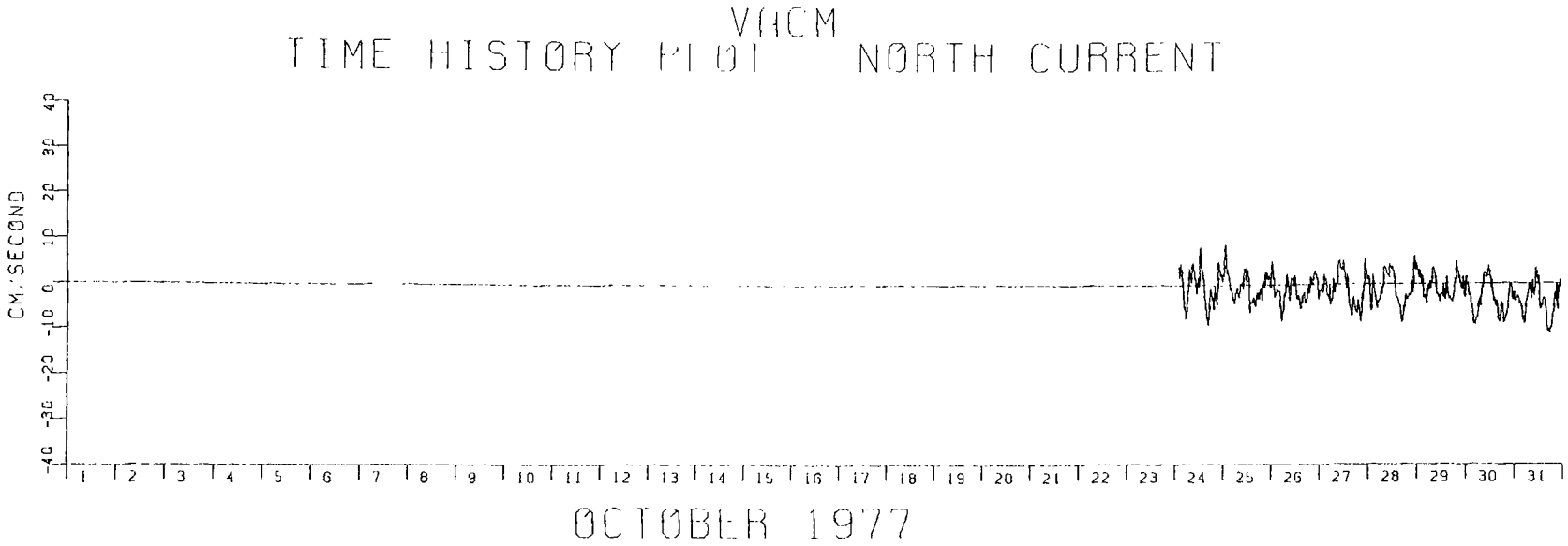
MARCH 1978

Figure B-20


VACM
TIME HISTORY PLOT NORTH CURRENT
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-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

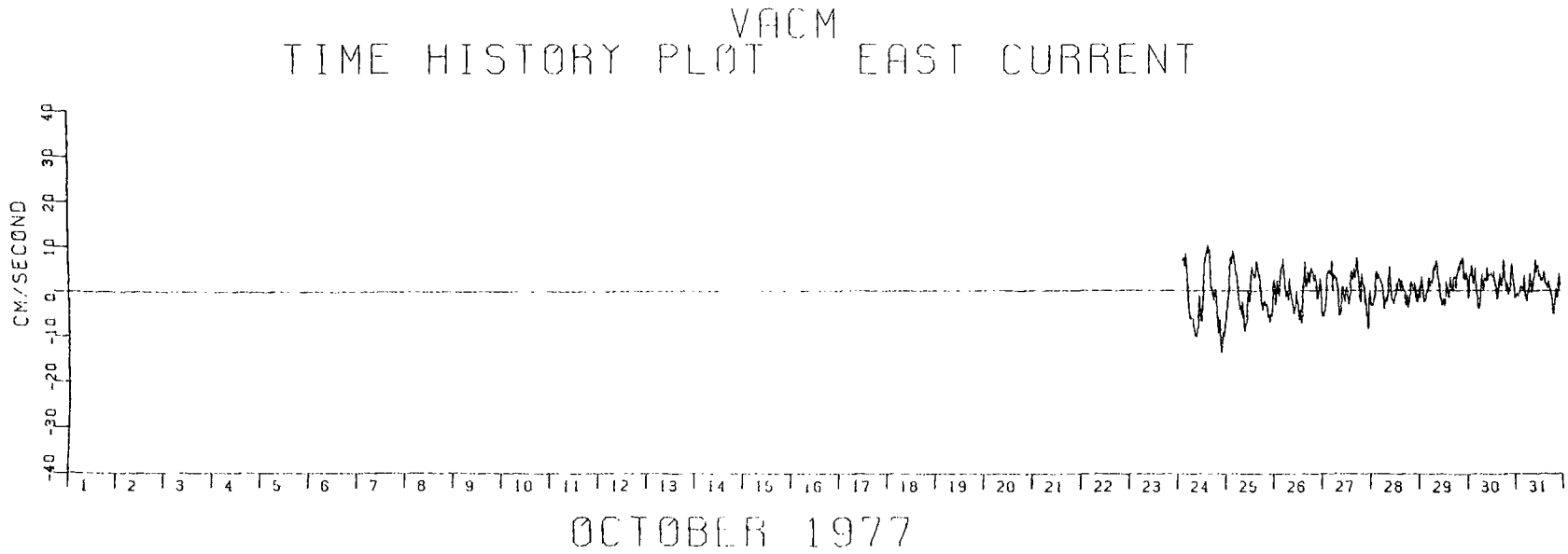
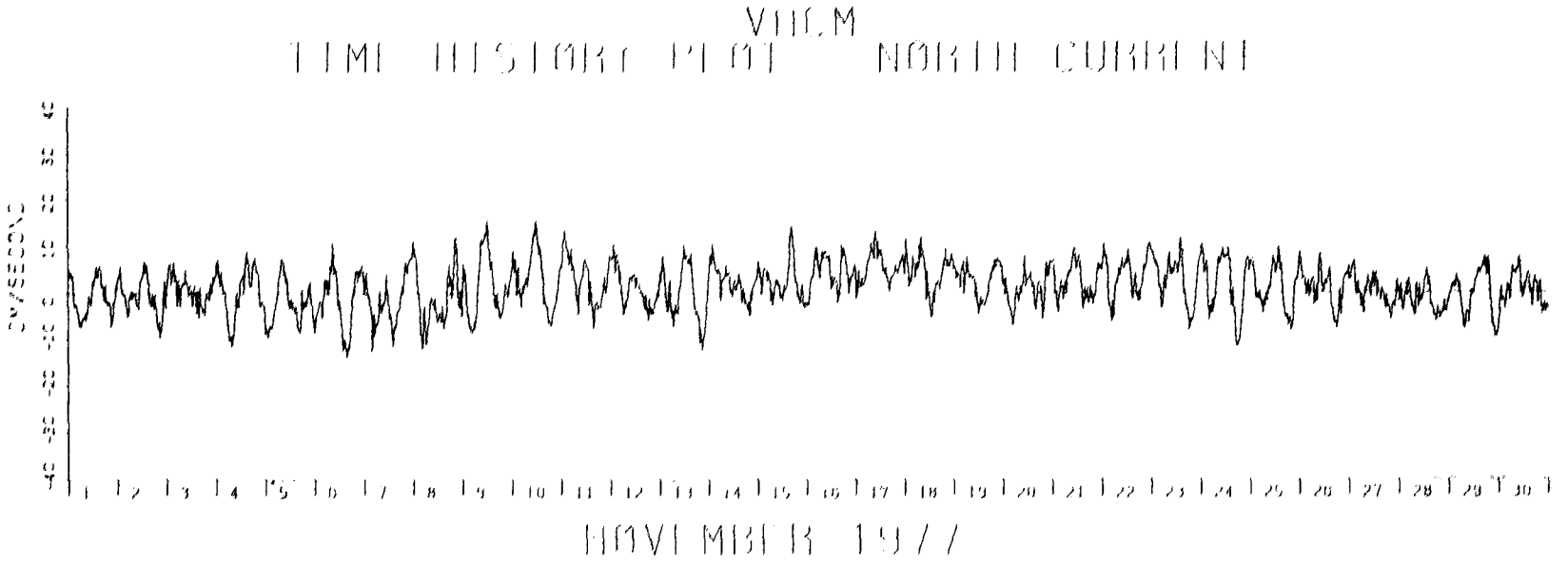

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1977

Figure B-21


VHCM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
NOVEMBER 1977

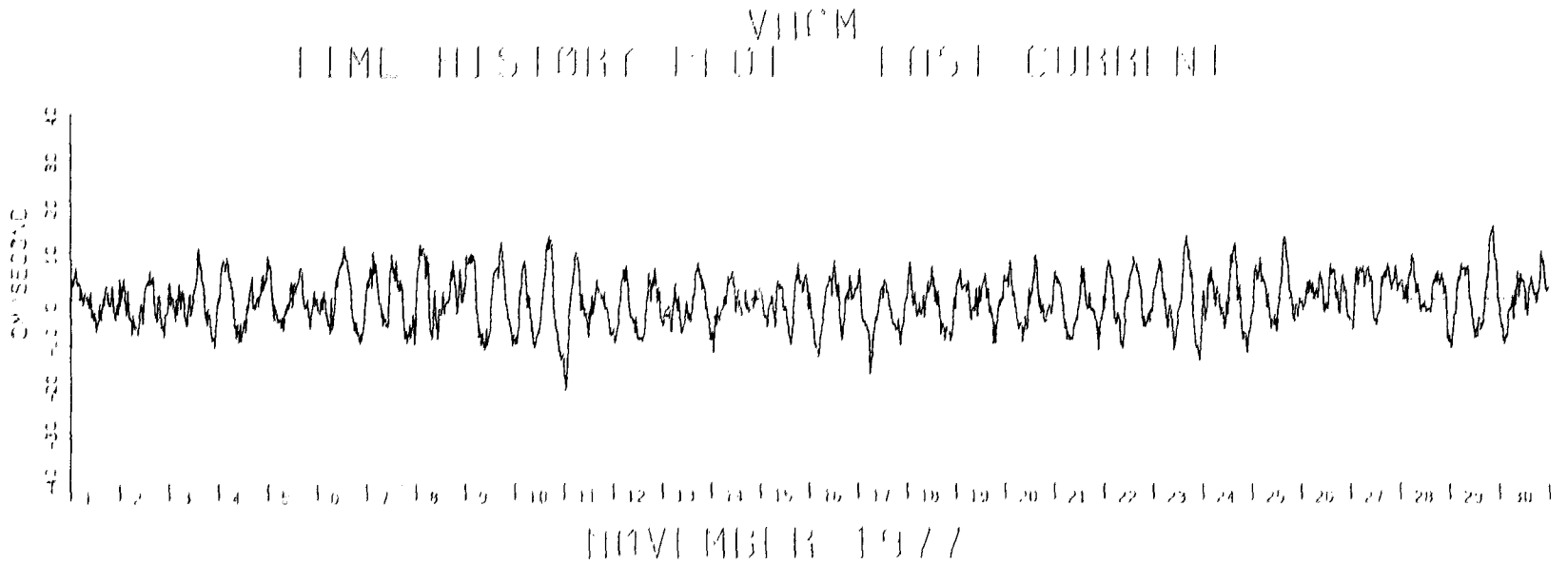
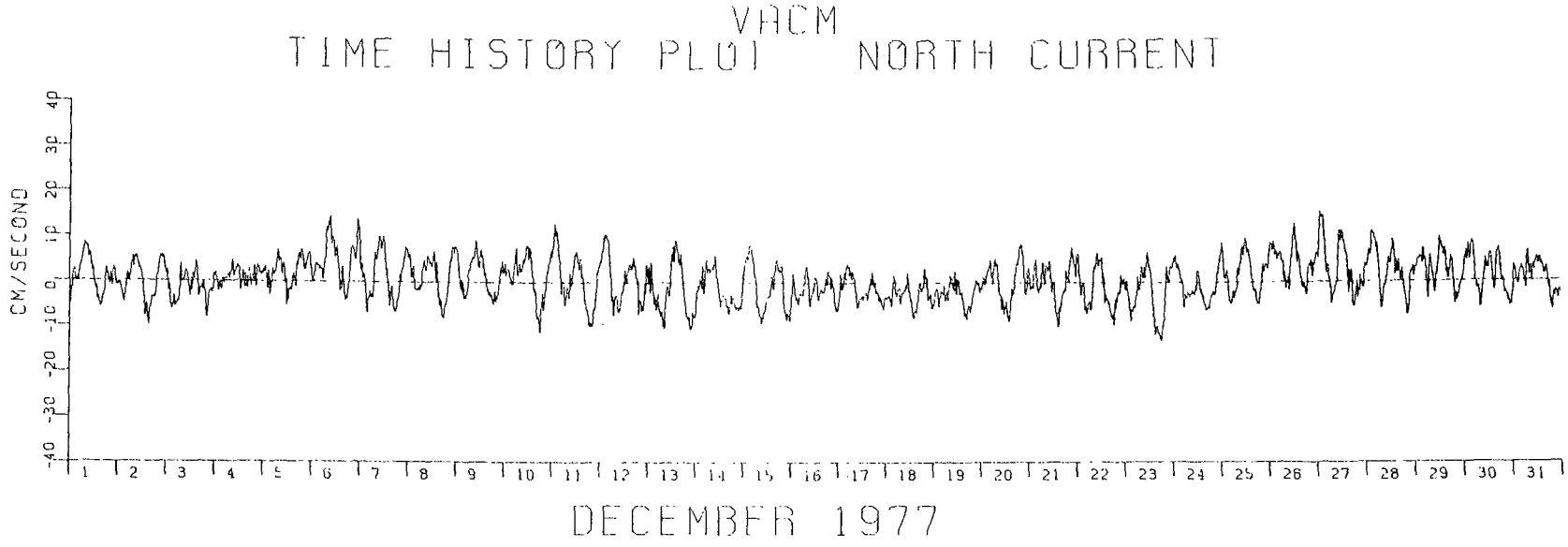

VHCM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
NOVEMBER 1977

Figure B-22


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977

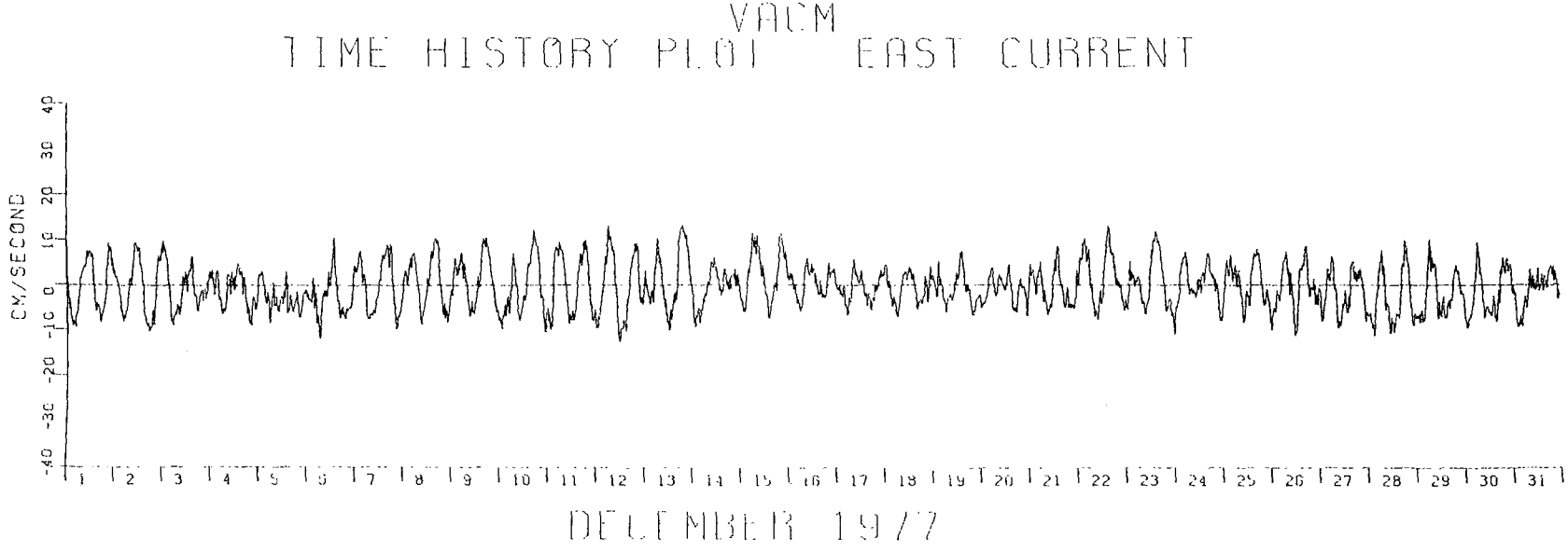
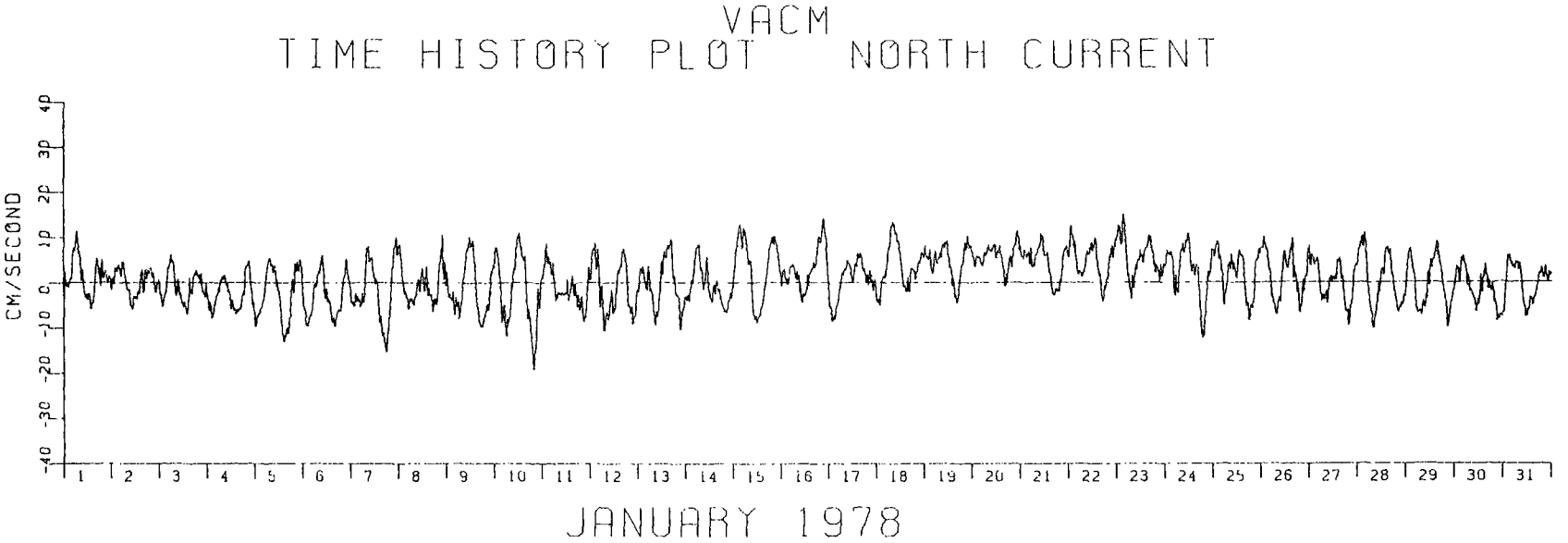

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER 1977

Figure B-23


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JANUARY 1978

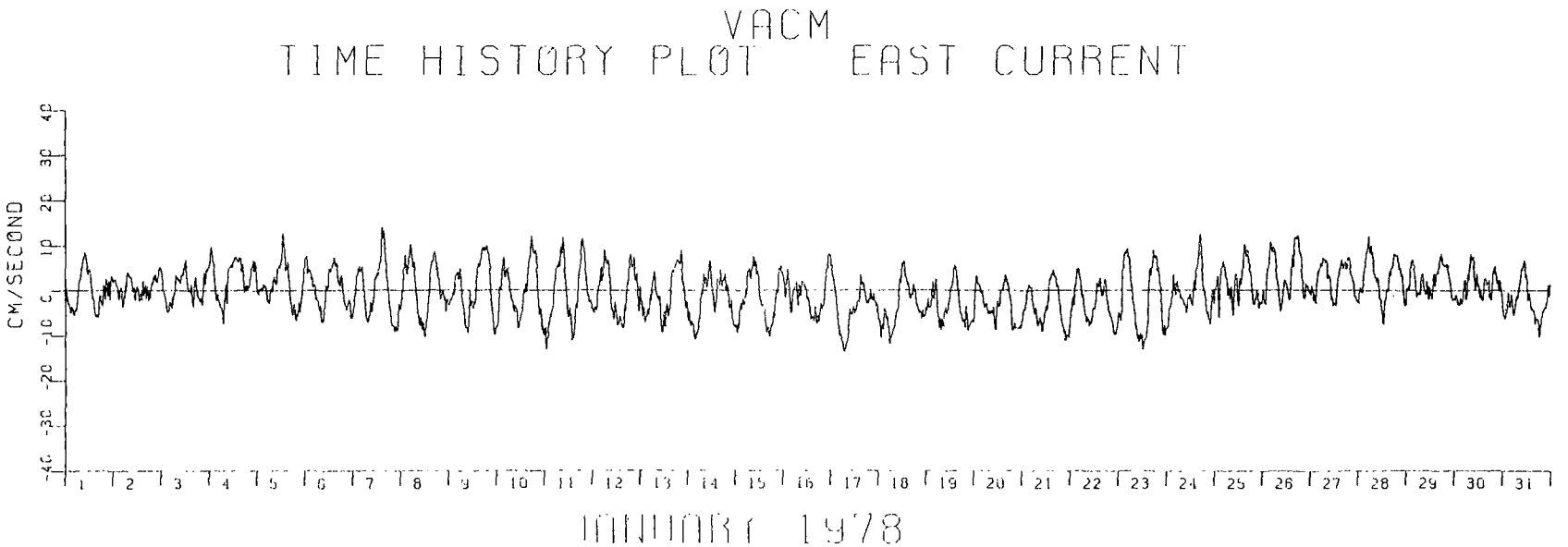

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JANUARY 1978

Figure B-24

VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978

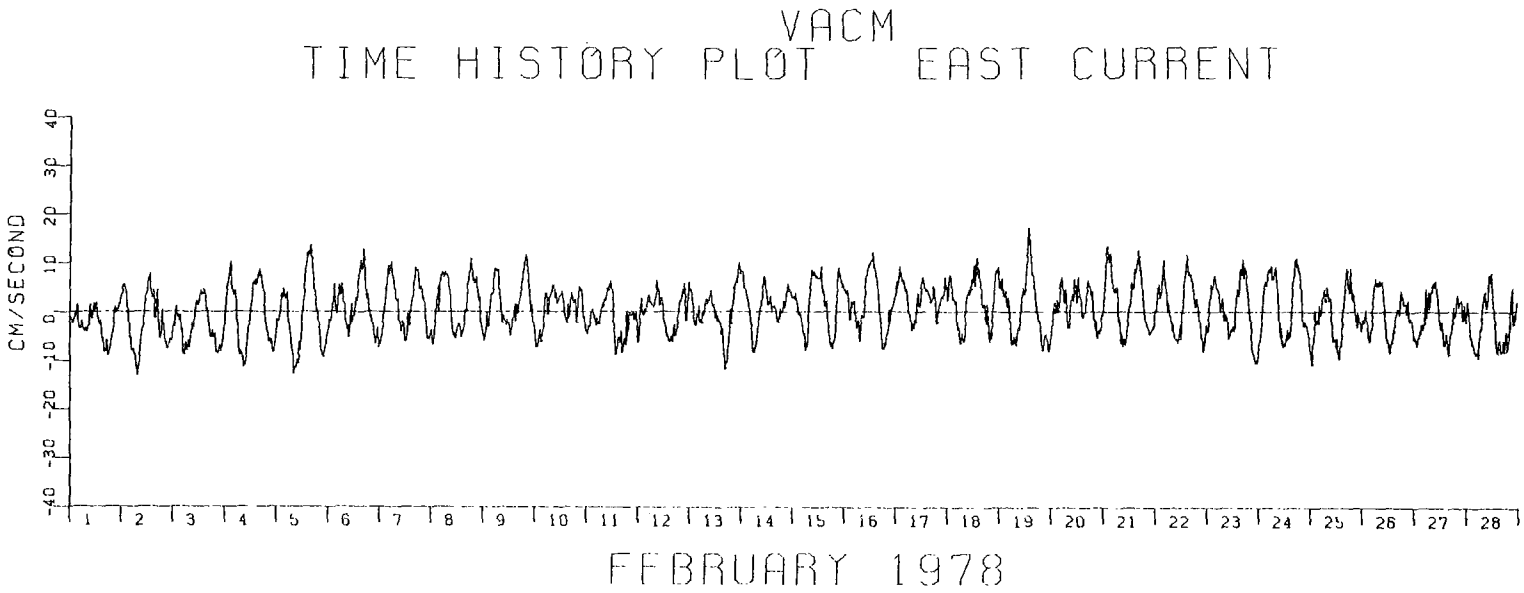
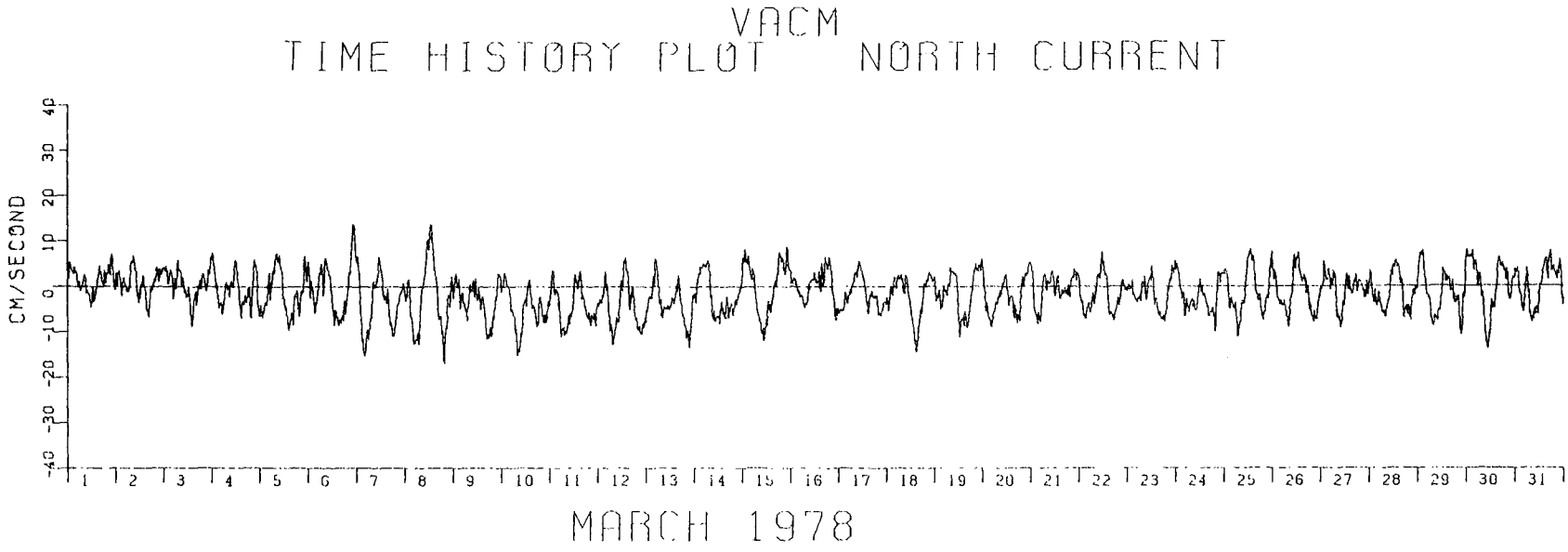

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
FEBRUARY 1978

Figure B-25


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH 1978

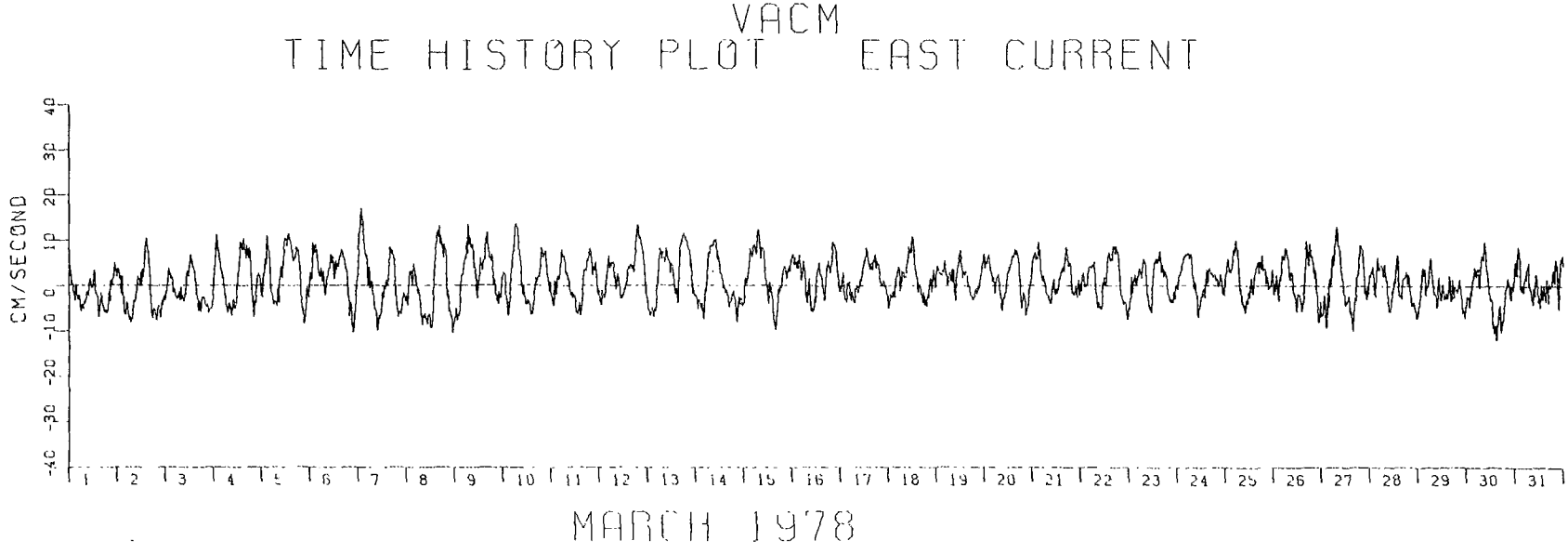
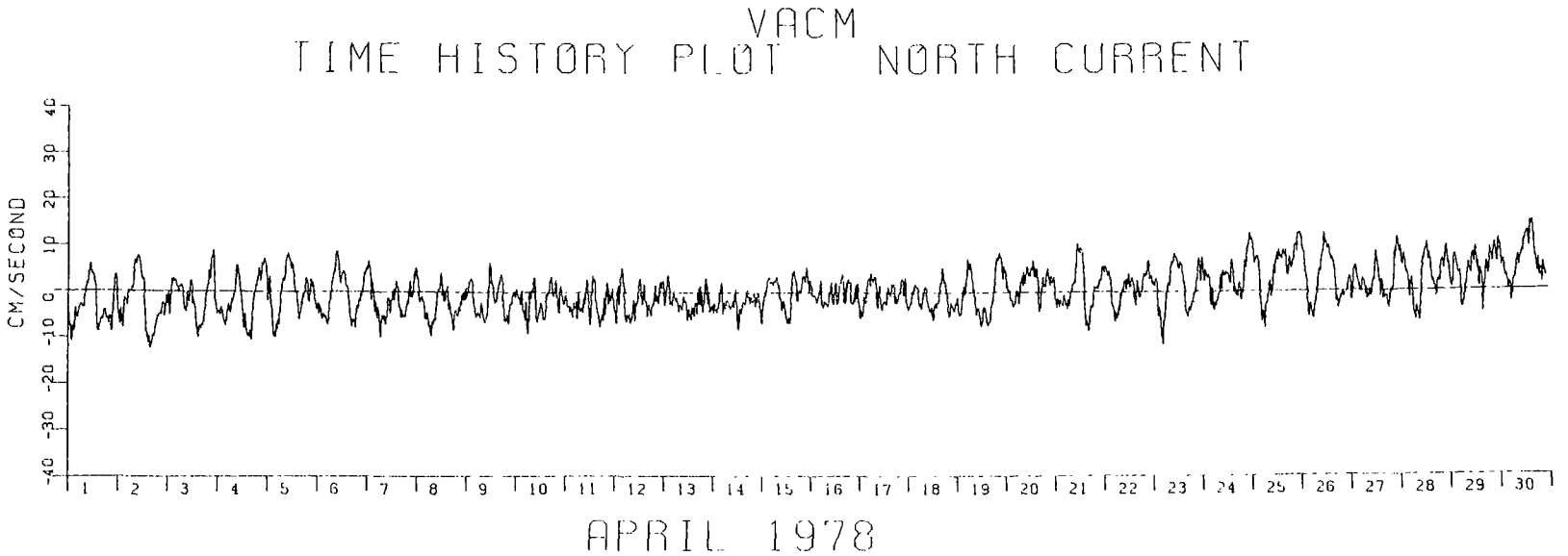

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MARCH 1978

Figure B-26


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
APRIL 1978

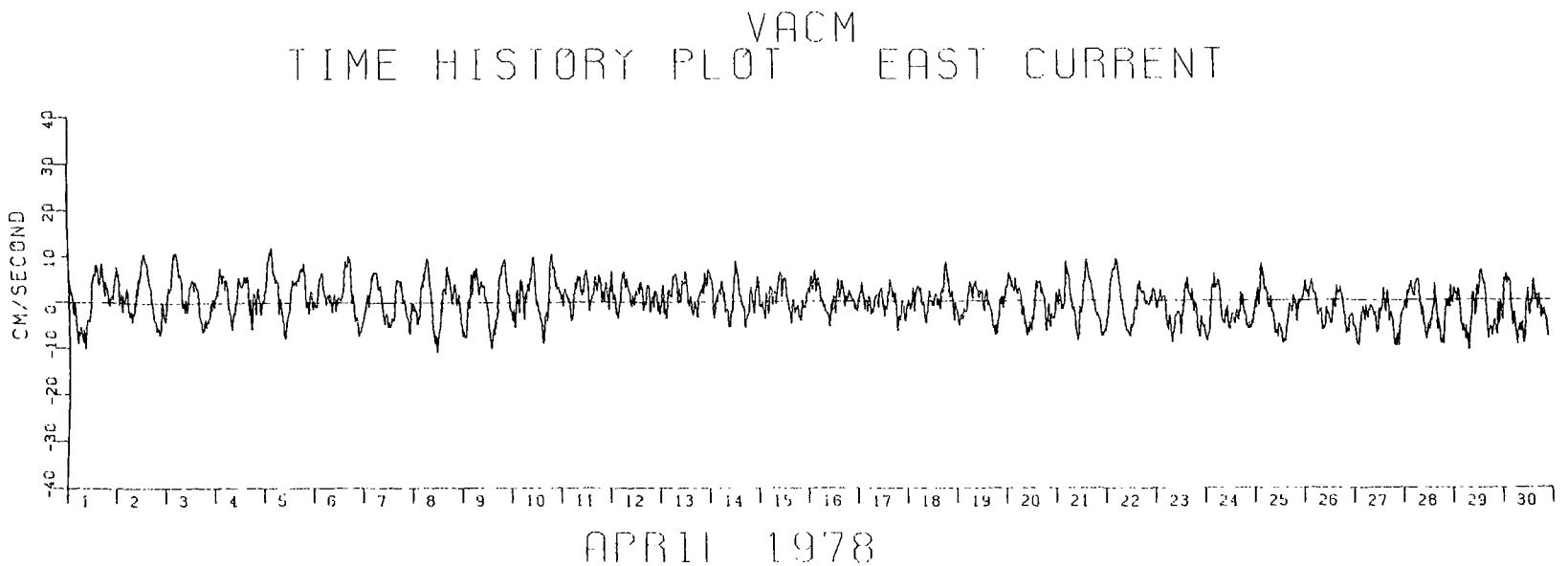
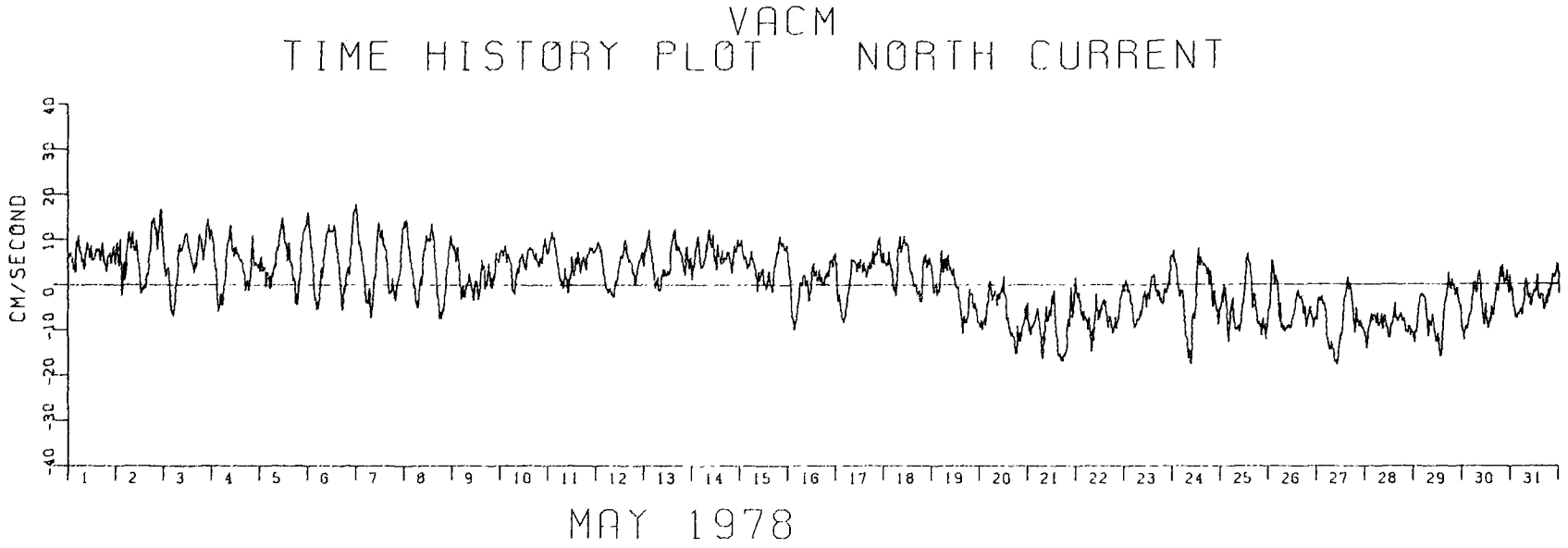

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
APRIL 1978

Figure B-27


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MAY 1978

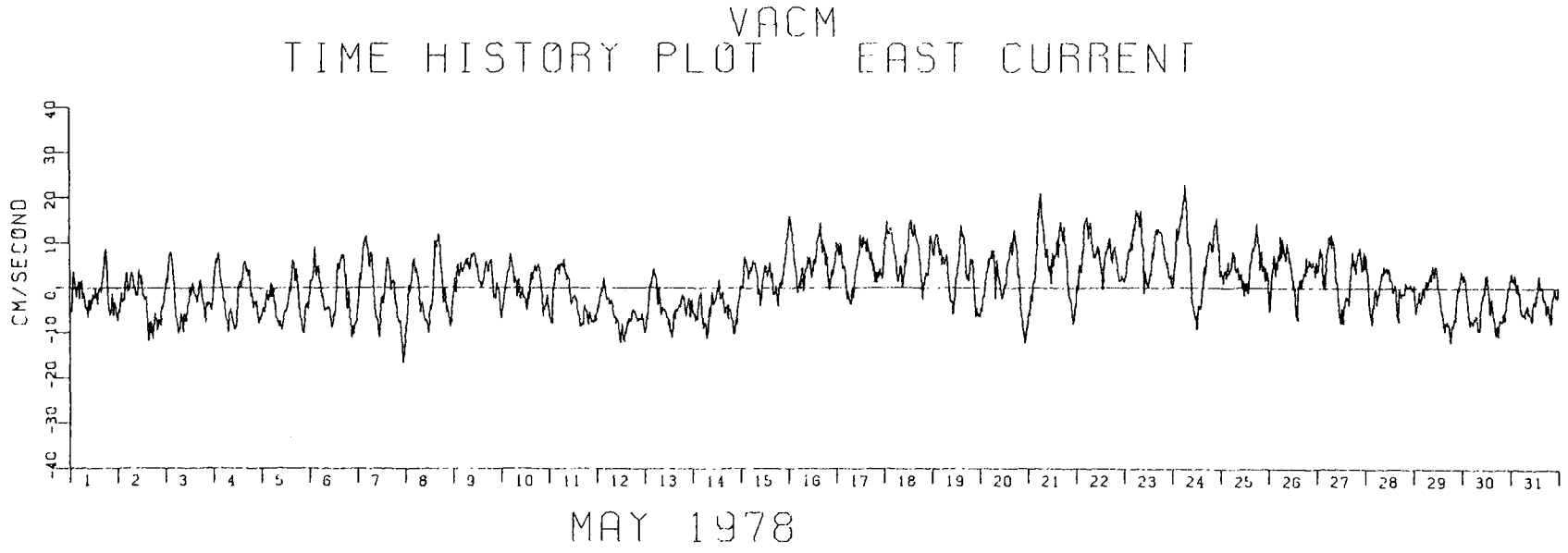
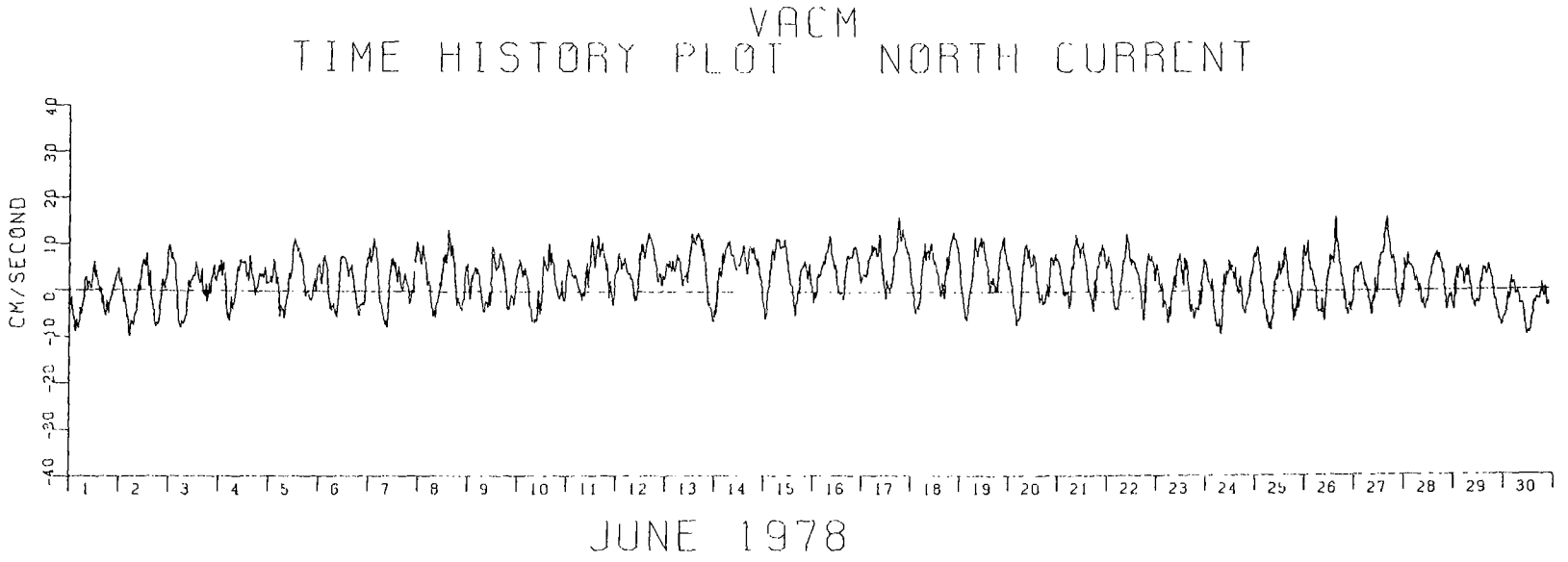

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MAY 1978

Figure B-28


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
4p
3p
2p
1p
0
-1p
-2p
-3p
-4p
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
JUNE 1978

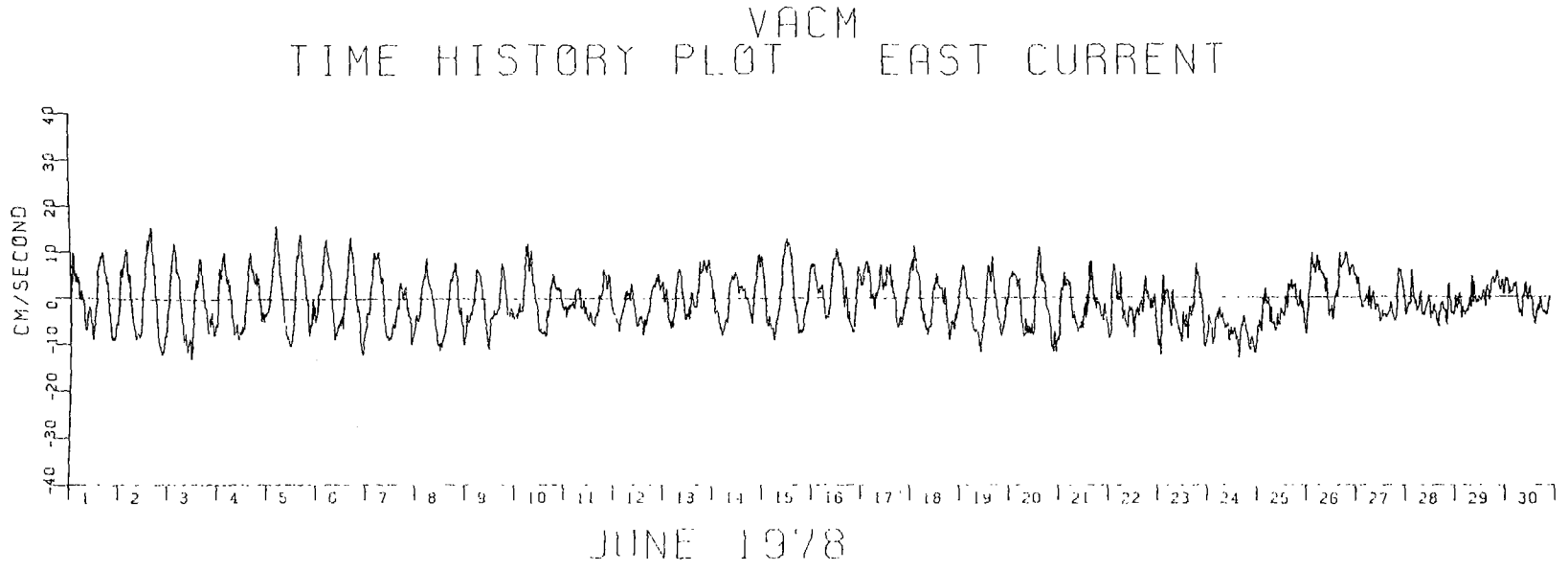
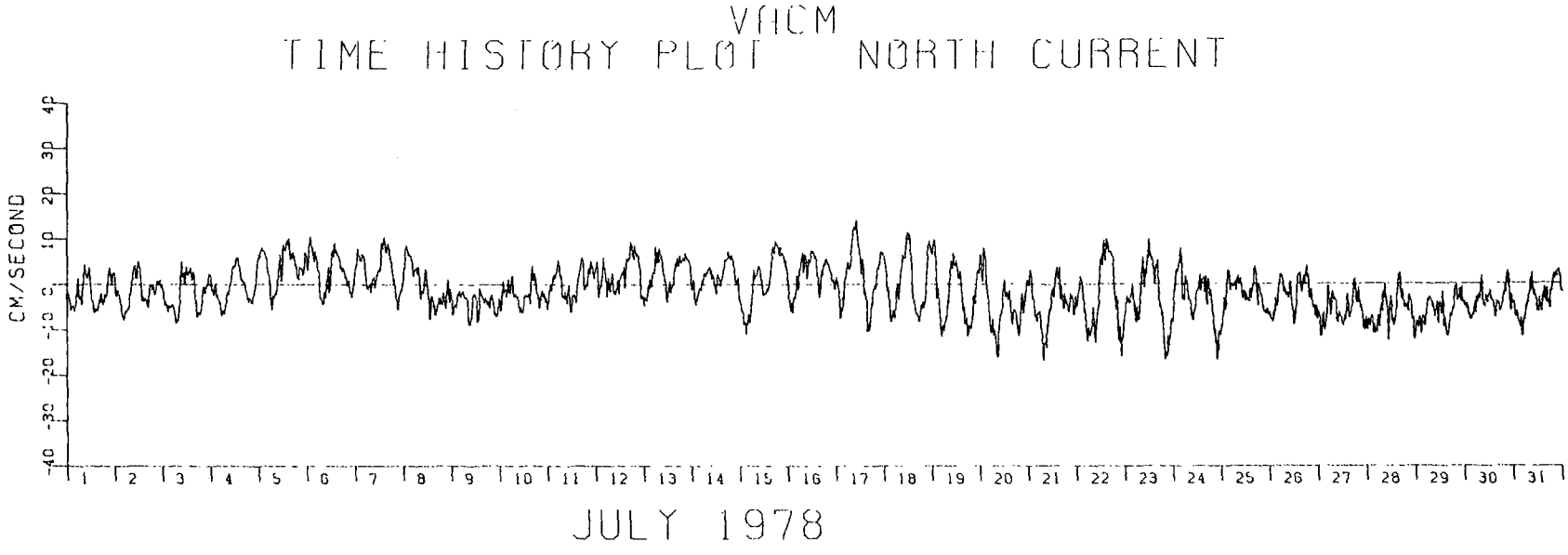

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
4p
3p
2p
1p
0
-1p
-2p
-3p
-4p
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
JUNE 1978

Figure B-29


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JULY 1978

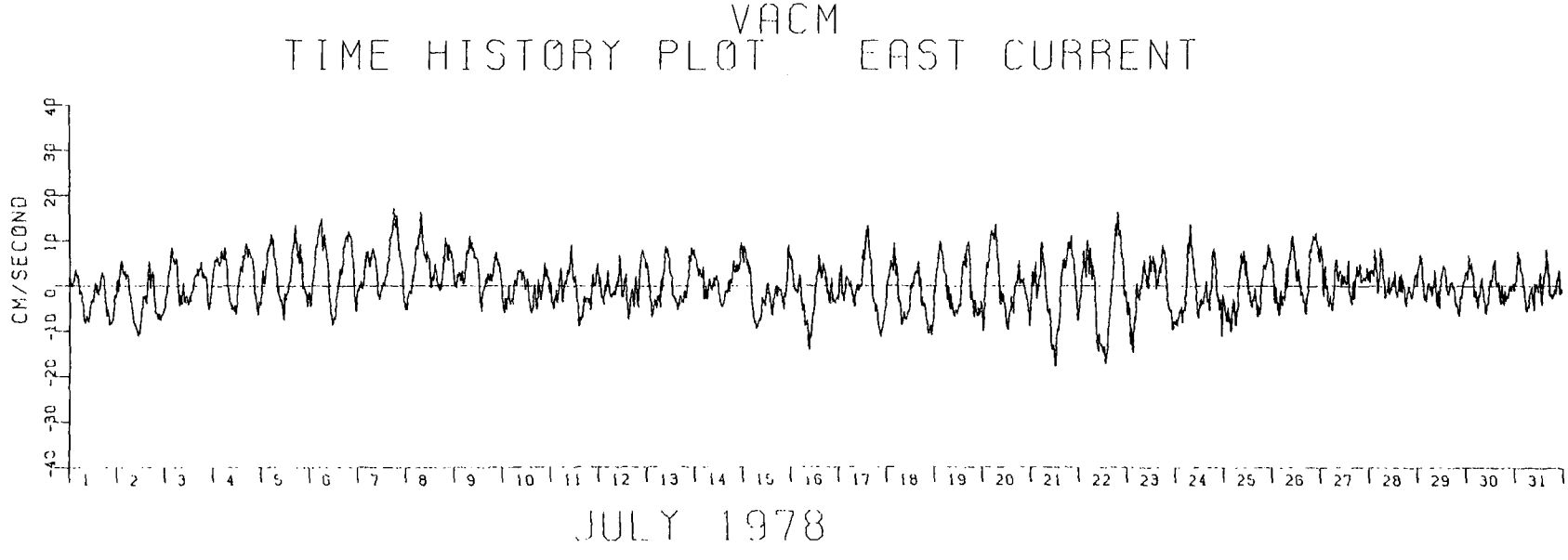
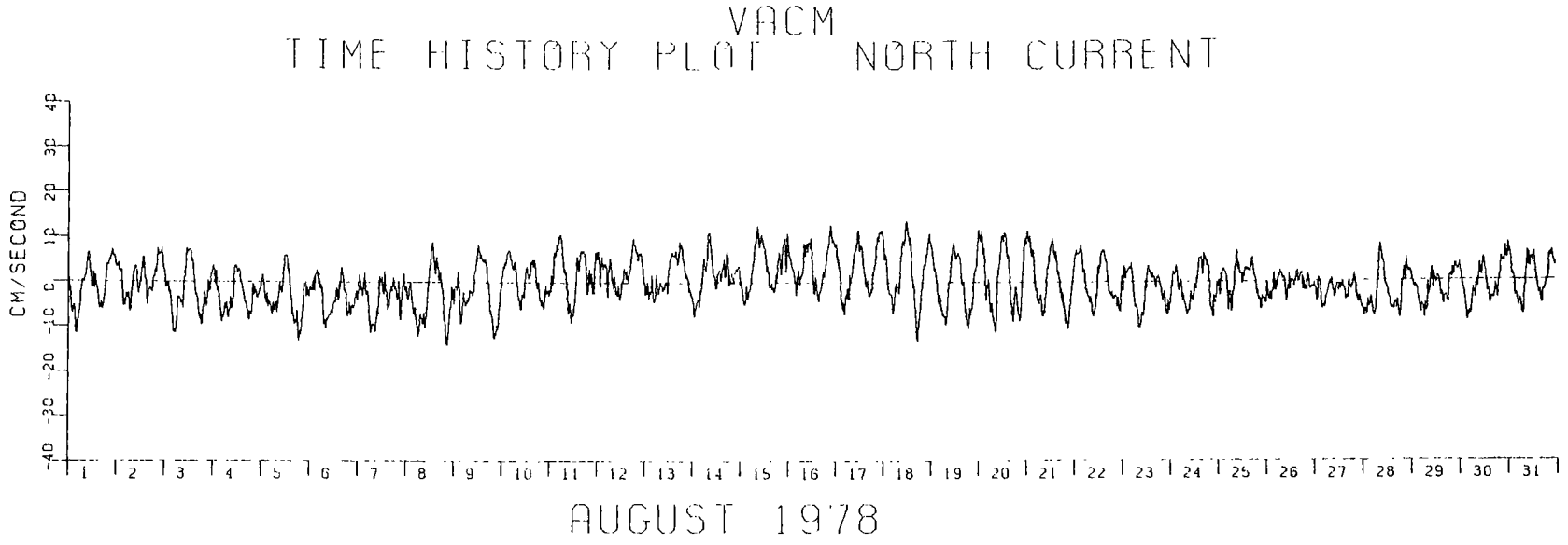

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
JULY 1978

Figure B-30


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
AUGUST 1978

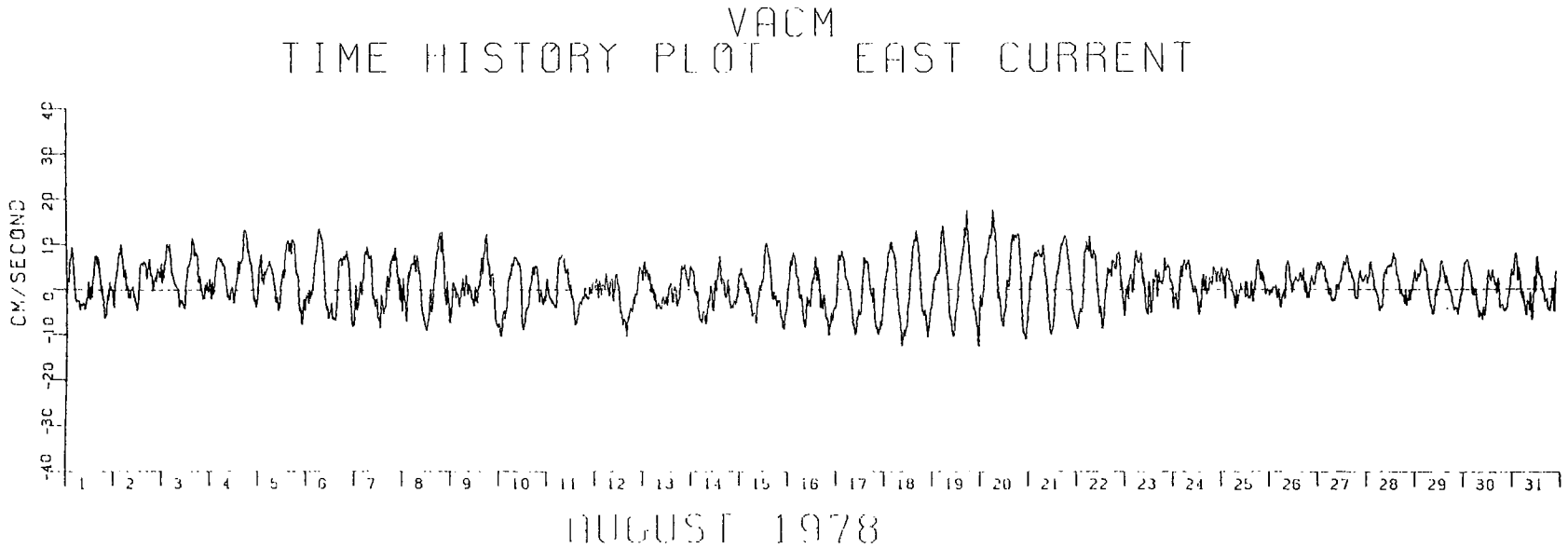
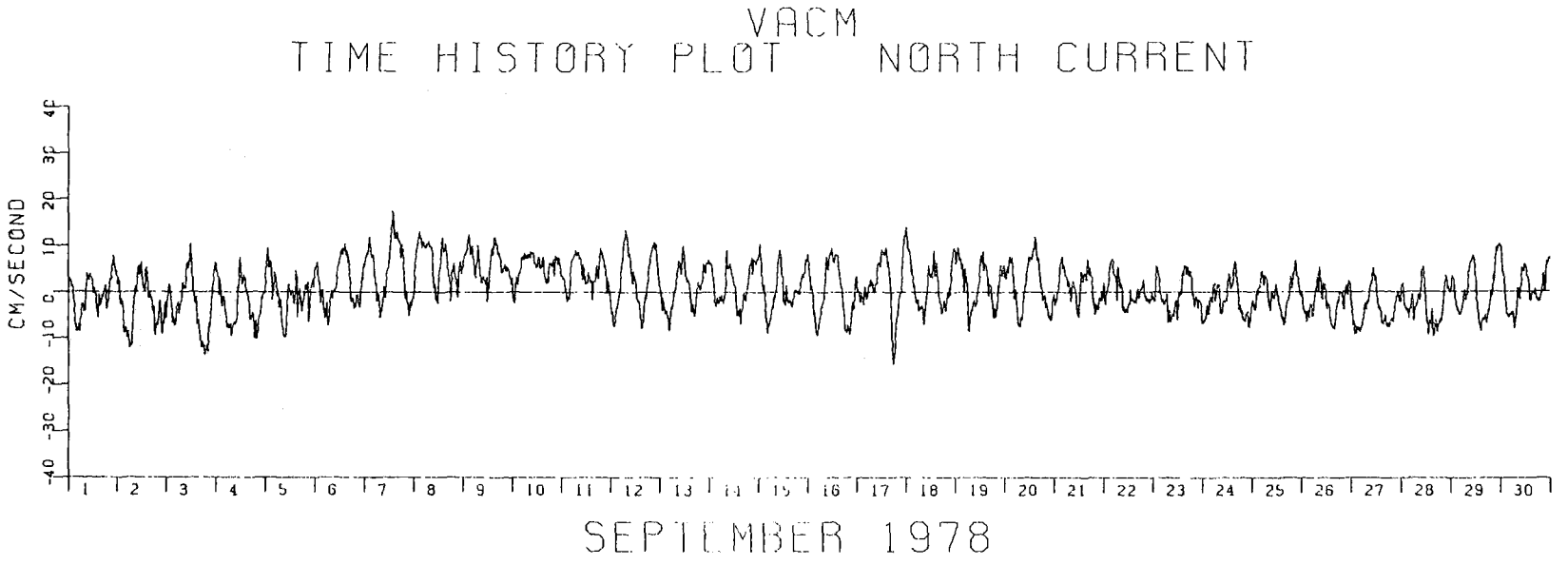

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
AUGUST 1978

Figure B-31


VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
SEPTEMBER 1978

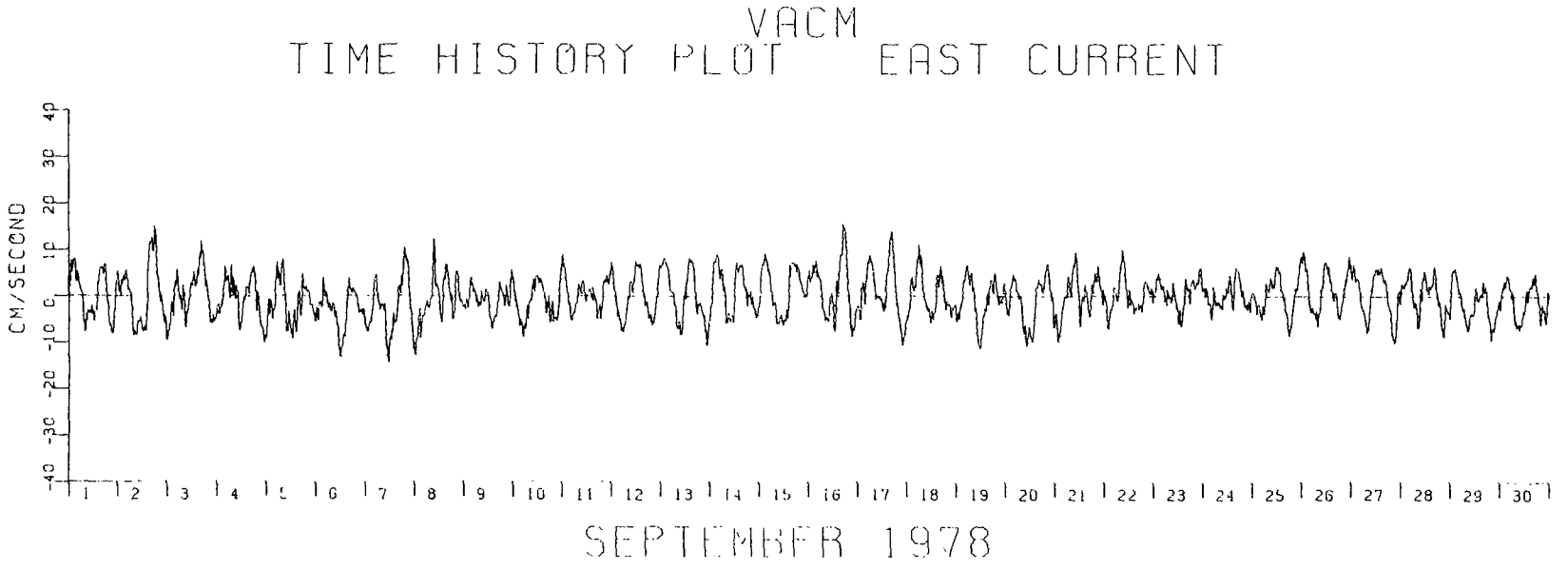

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
SEPTEMBER 1978

Figure B-32

VACM
TIME HISTORY PLOT NORTH CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1978

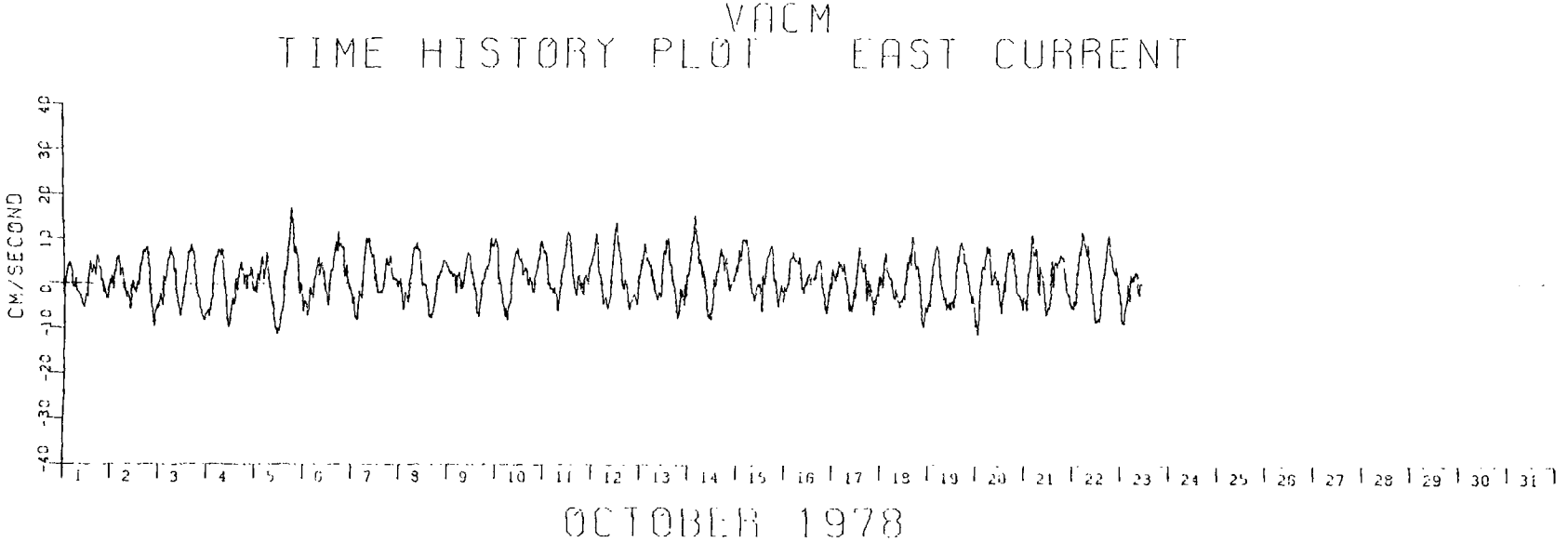

VACM
TIME HISTORY PLOT EAST CURRENT
CM/SECOND
40
30
20
10
0
-10
-20
-30
-40
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
OCTOBER 1978

Figure B-33

Appendix C

HISTOGRAMS

Appendix C contains histograms of current speed and east and north (U and V) current components for each meter and of conductivity for Aanderaa Meter #2920. The data in the histograms are for the entire study period. They are explained in detail in Section 4 of the report. They are listed below:

Aanderaa #2830:	Speed Histogram	Figure C-1
Aanderaa #2918:	Speed Histogram	Figure C-2
Aanderaa #2830:	Speed Histogram	Figure C-3
Aanderaa #2919:	Speed Histogram	Figure C-4
VACM:	Speed Histogram	Figure C-5
Aanderaa #2830:	East Component Histogram	Figure C-6
Aanderaa #2830:	North Component Histogram	Figure C-7
Aanderaa #2918:	East Component Histogram	Figure C-8
Aanderaa #2918:	North Component Histogram	Figure C-9
Aanderaa #2919:	East Component Histogram	Figure C-10
Aanderaa #2919:	North Component Histogram	Figure C-11
Aanderaa #2920:	East Component Histogram	Figure C-12
Aanderaa #2920:	North Component Histogram	Figure C-13
VACM:	East Component Histogram	Figure C-14
VACM:	North Component Histogram	Figure C-15
Aanderaa #2920:	Conductivity Histogram	Figure C-16

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1371 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2830 METER REF - 721 ANCHORED BUOY C METER DEPTH - 912 METERS
INSTALLATION DATE 10/24/77 2002 HRS ANCHOR DN 326 HRS ANCHOR RELEASE 220HRS RECOVERY 2/ 8/78 220 HRS
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM
SPEED

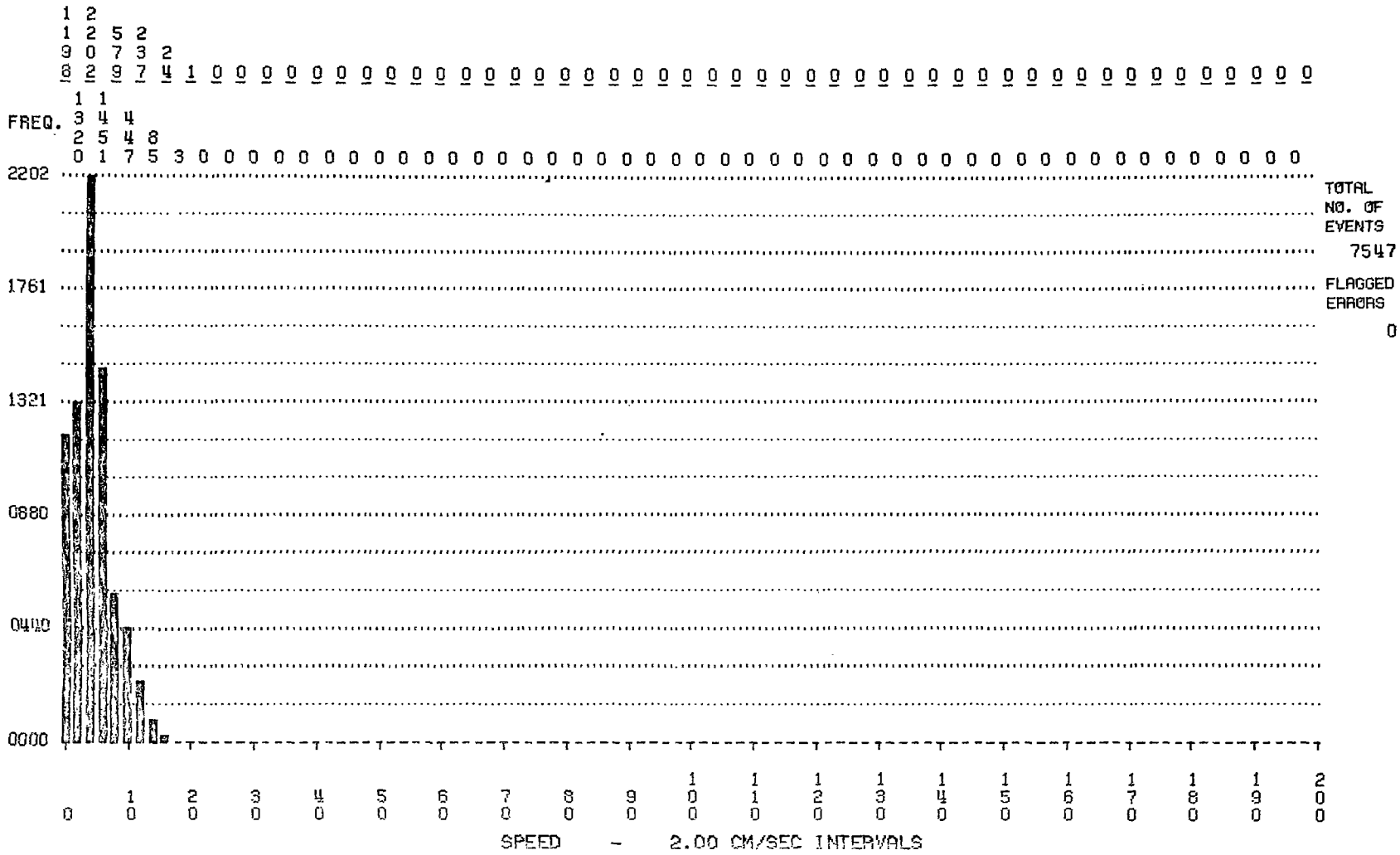


Figure C-1

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2918 METER REF - 496 ANCHORED BUOY D METER DEPTH - 1800 METERS
INSTALLATION DATE 10/25/77 355 HRS ANCHOR ON 550 HRS ANCHOR RELEASE 20 HRS RECOVERY 12/20/77 20 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM
SPEED

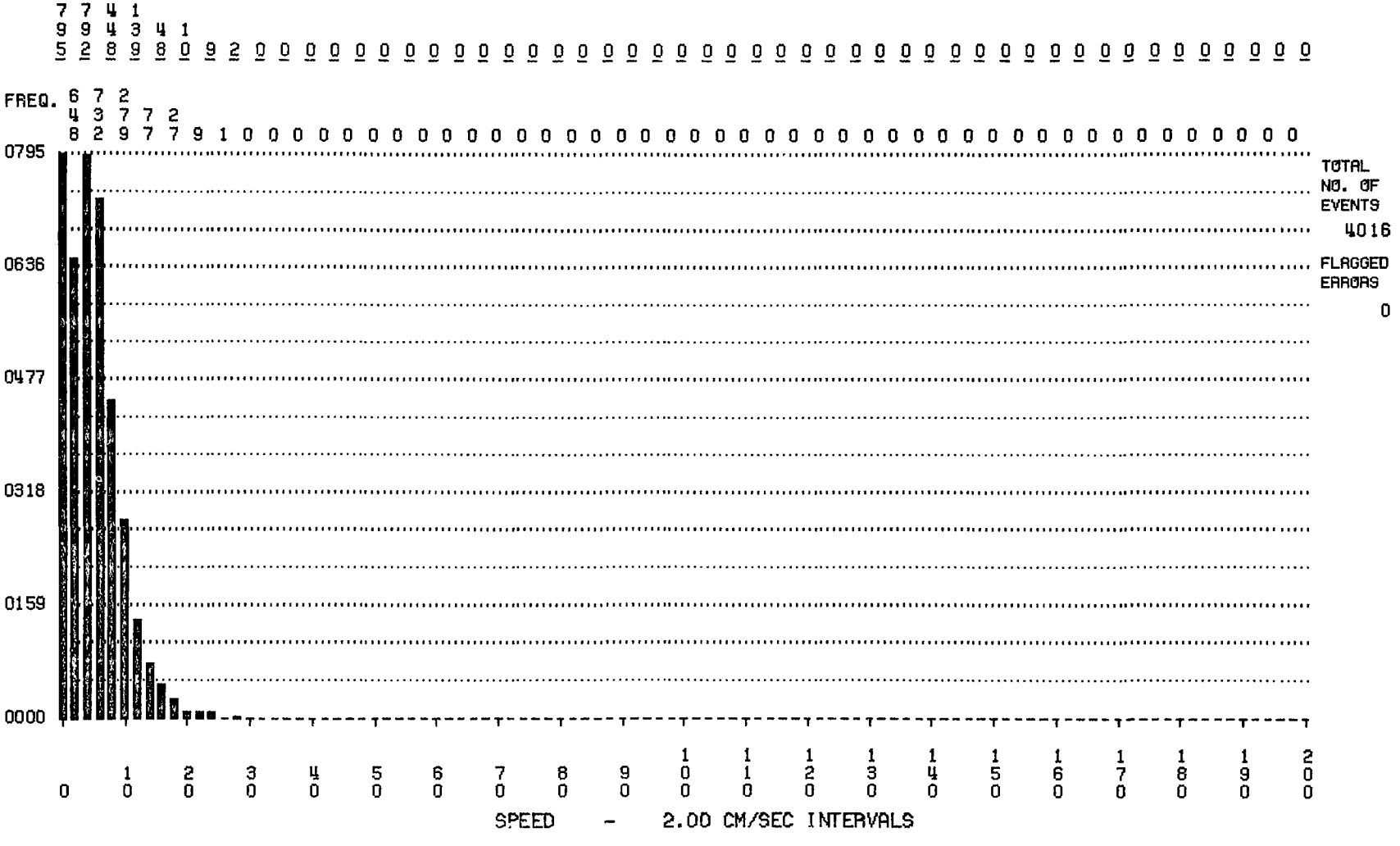


Figure C-2

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2919 METER REF - 534 ANCHORED BUOY D METER DEPTH - 1826 METERS
INSTALLATION DATE 10/25/77 348 HRS ANCHOR ON 513 HRS ANCHOR RELEASE 800 HRS RECOVERY 3/10/78 800 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM
SPEED

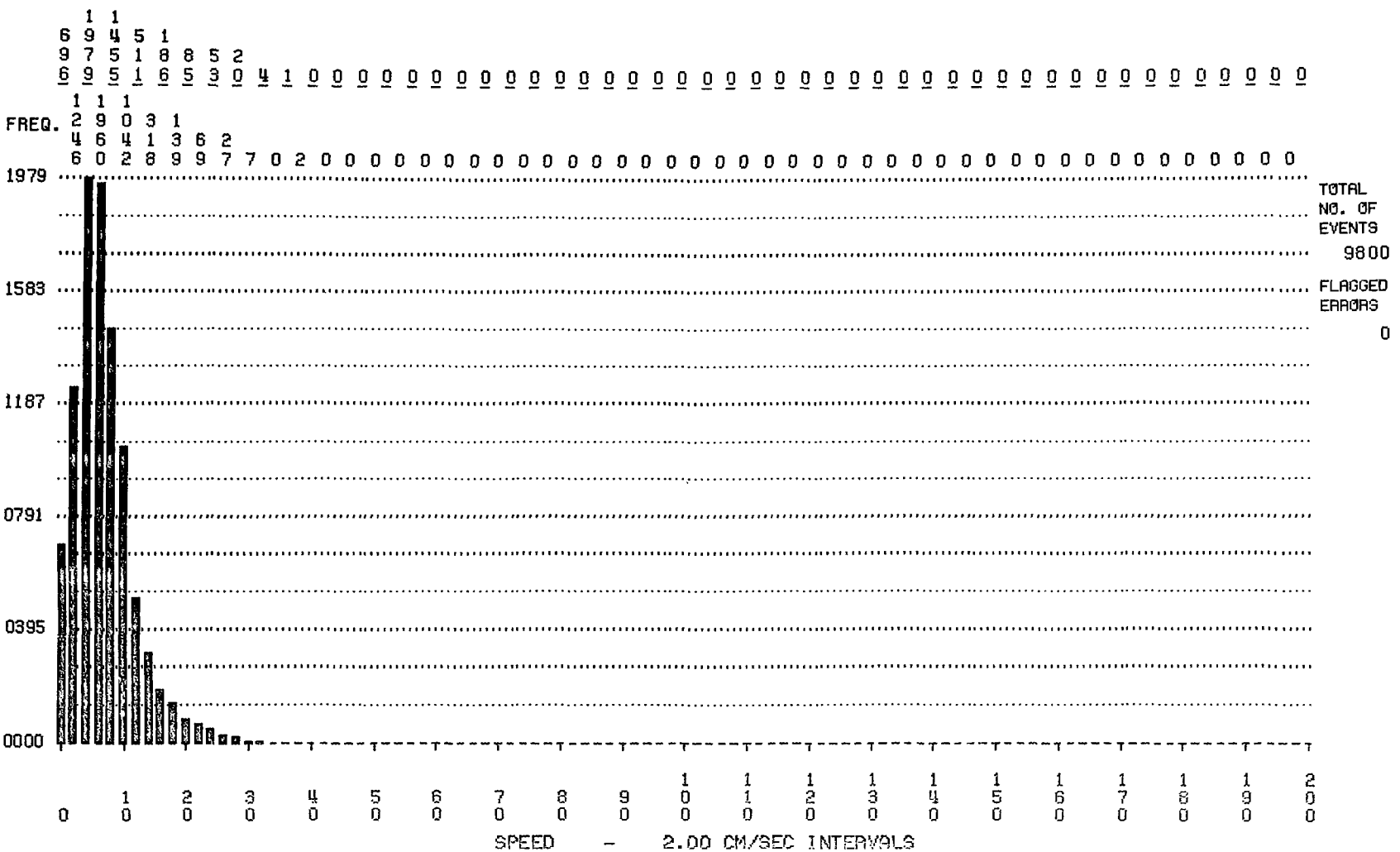


Figure C-3

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 914 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2920 METER REF - 749 ANCHORED BUOY B METER DEPTH - 911 METERS
INSTALLATION DATE 10/24/77 1940 HRS ANCHOR DN 35 HRS ANCHOR RELEASE 620HRS RECOVERY 3/14/78 620 HRS
POSITION 37 36 36.0N 123 7 32.1W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM
SPEED

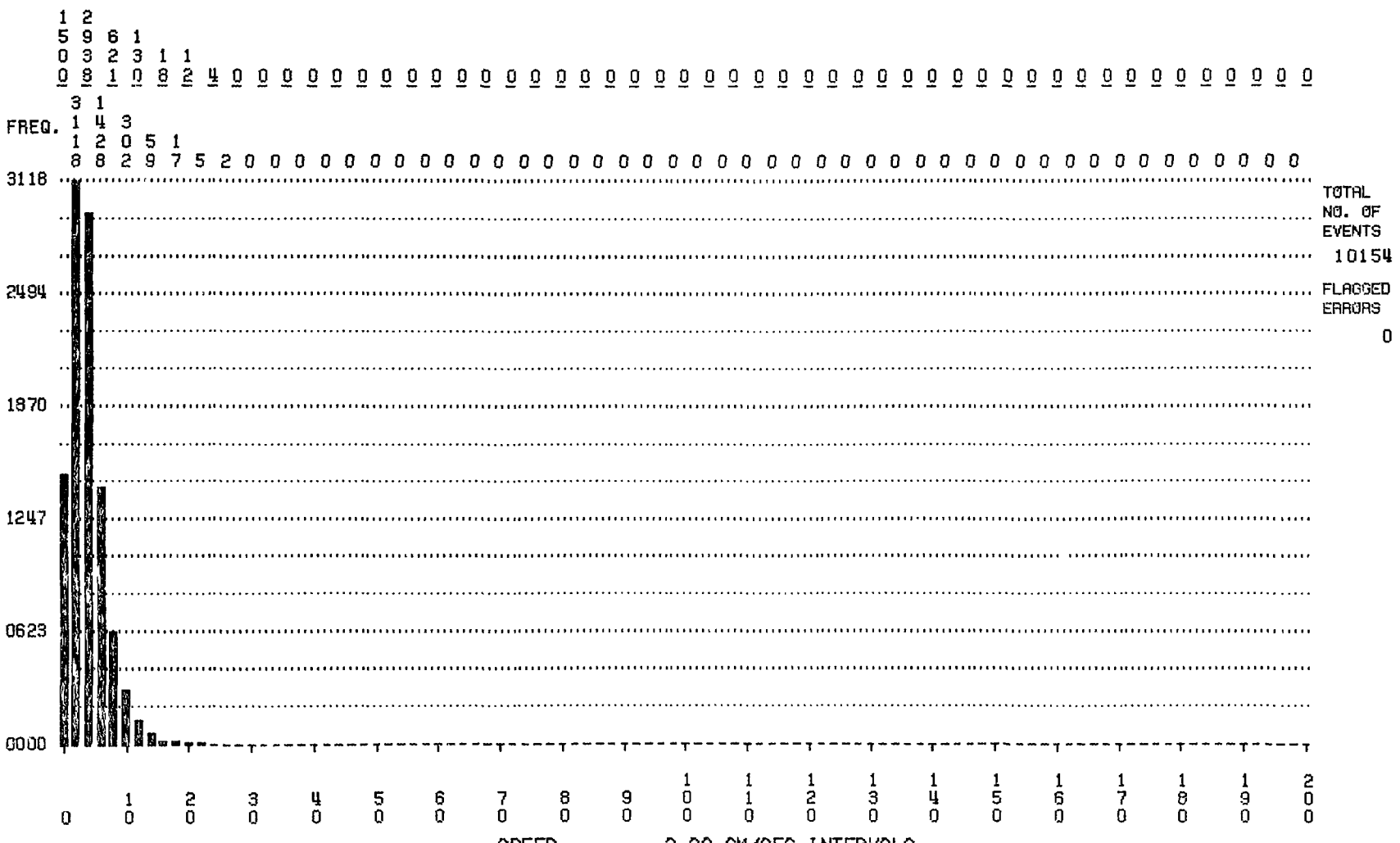


Figure C-4

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

METER TYPE - VACM METER S/N - 0365 METER REF - 477 ANCHORED BUOY C SITE DEPTH - 1371 METERS METER DEPTH - 911 METERS
INSTALLATION DATE 10/25/77 0120 HRS ANCHOR DN 0120 HRS ANCHOR RELEASE 1221 HRS RECOVERY 10/24/78 1315 HR
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 15 MIN

FREQUENCY HISTOGRAM
SPEED

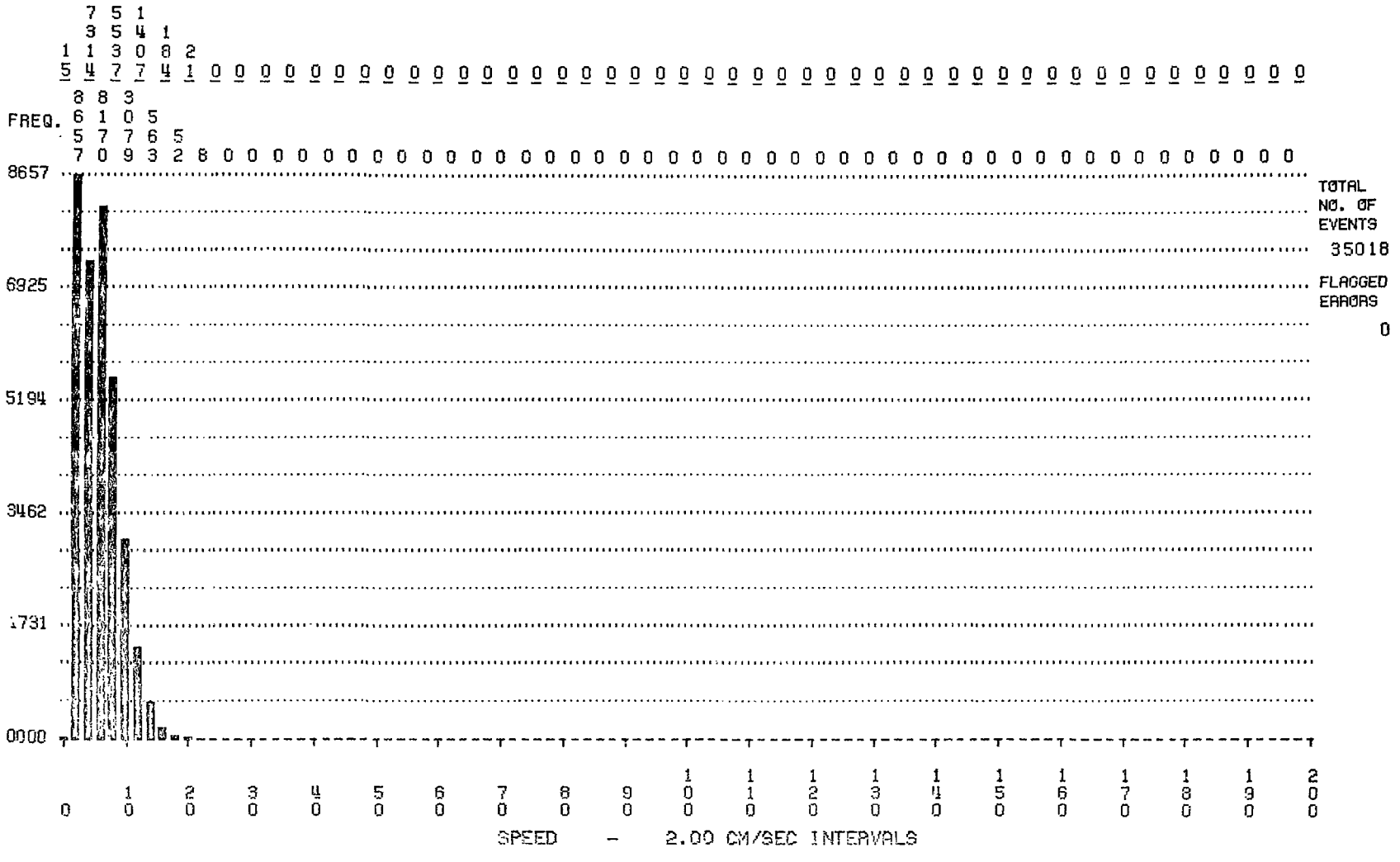


Figure C-5

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1371 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2830 METER REF - 721 ANCHORED BUOY C METER DEPTH - 912 METERS
INSTALLATION DATE 10/24/77 2002 HRS ANCHOR DN 326 HRS ANCHOR RELEASE 220HRS RECOVERY 2/ 8/78 220 HRS
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

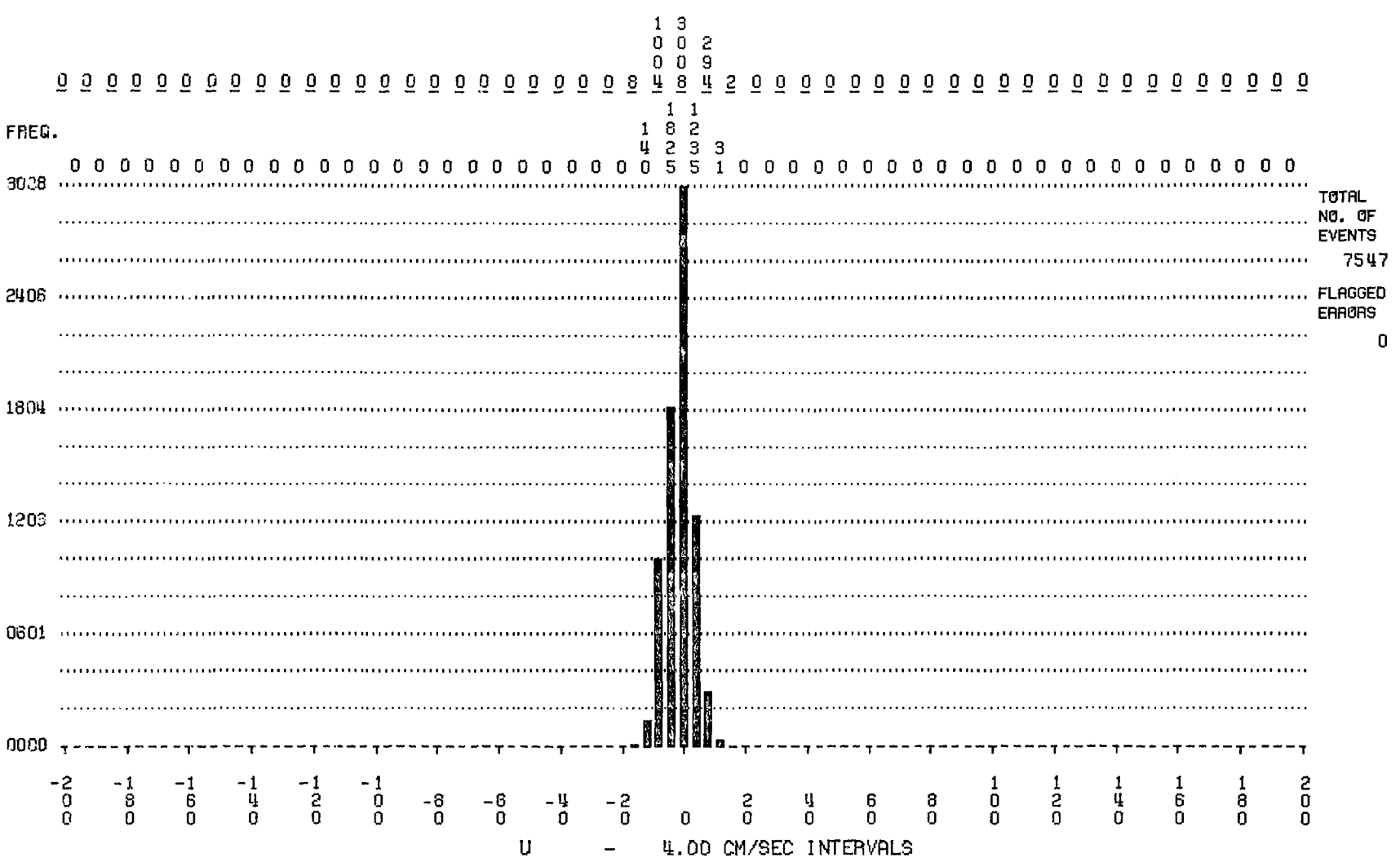


Figure C-6

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1371 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2830 METER REF - 721 ANCHORED BUOY C METER DEPTH - 912 METERS
INSTALLATION DATE 10/24/77 2002 HRS ANCHOR DN 326 HRS ANCHOR RELEASE 220HRS RECOVERY 2/ 8/78 220 HRS
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

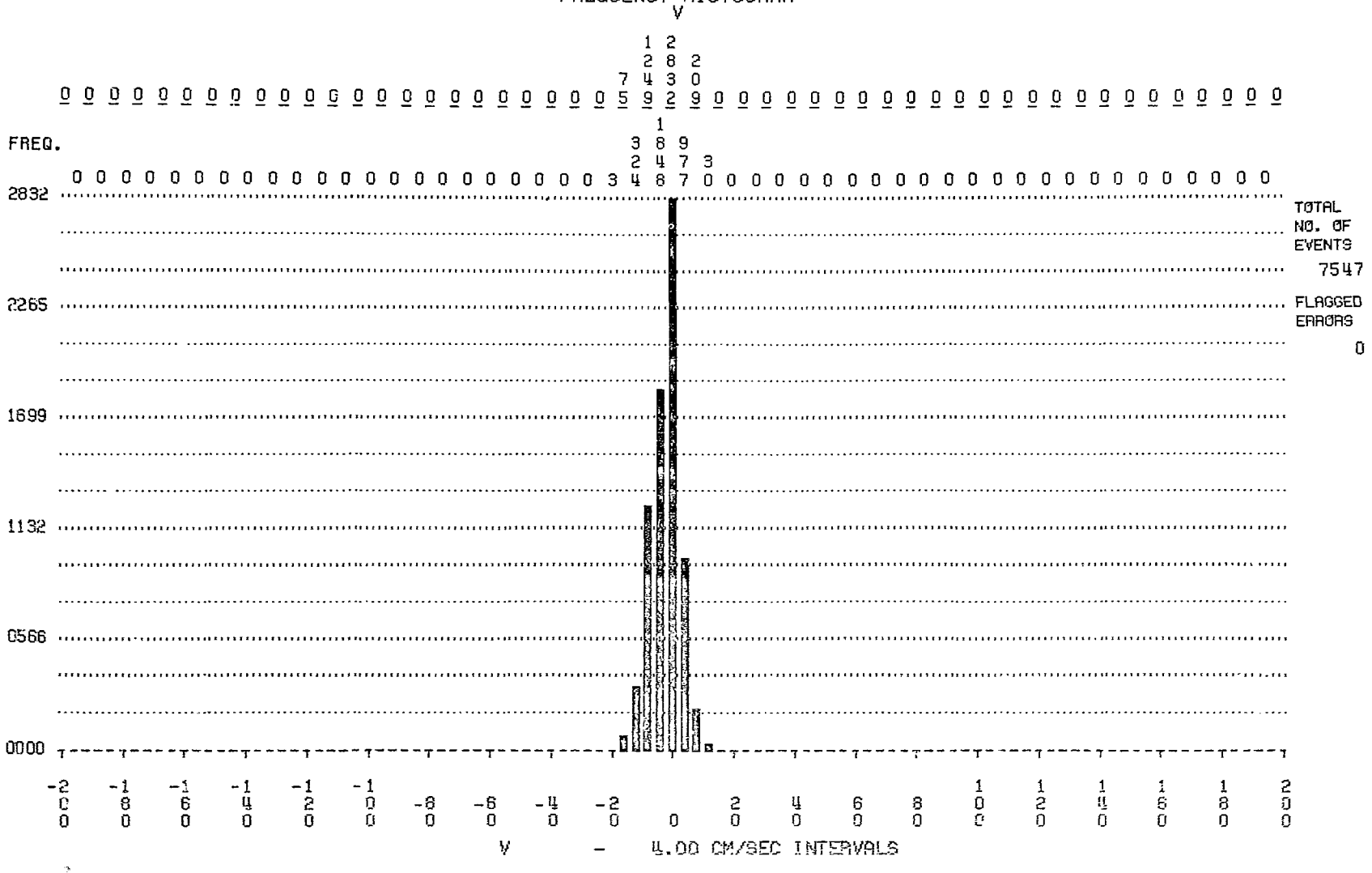


Figure C-7

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811
SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2918 METER REF - 496 ANCHORED BUOY D METER DEPTH - 1800 METERS
INSTALLATION DATE 10/25/77 355 HRS ANCHOR ON 550 HRS ANCHOR RELEASE 20 HRS RECOVERY 12/20/77 20 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

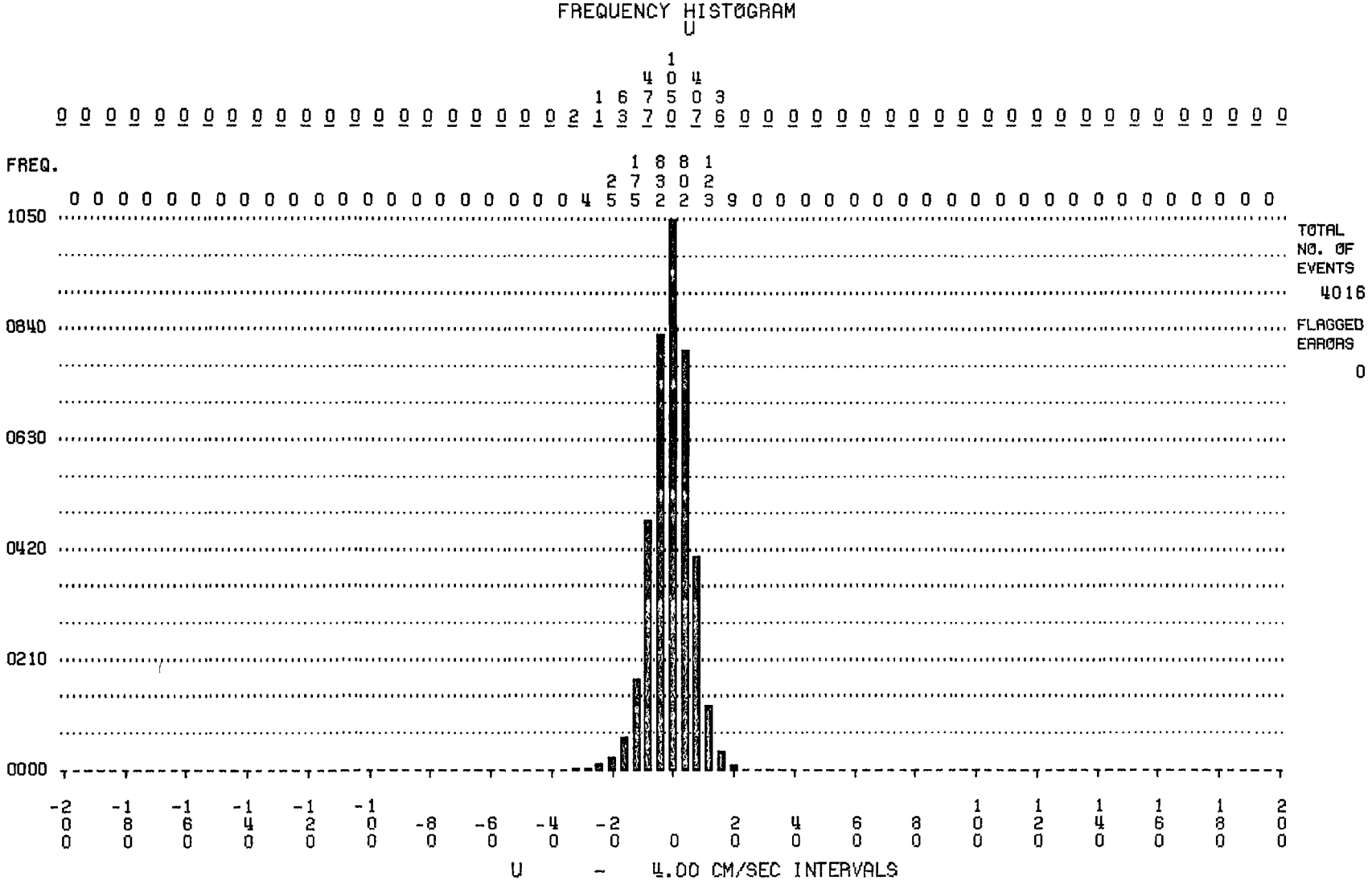


Figure C-8

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2918 METER REF - 496 ANCHORED BUOY D METER DEPTH - 1800 METERS
INSTALLATION DATE 10/25/77 355 HRS ANCHOR ON 550 HRS ANCHOR RELEASE 20 HRS RECOVERY 12/20/77 20 HRS
POSITION 37 36 51.ON 123 17 27.OW MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

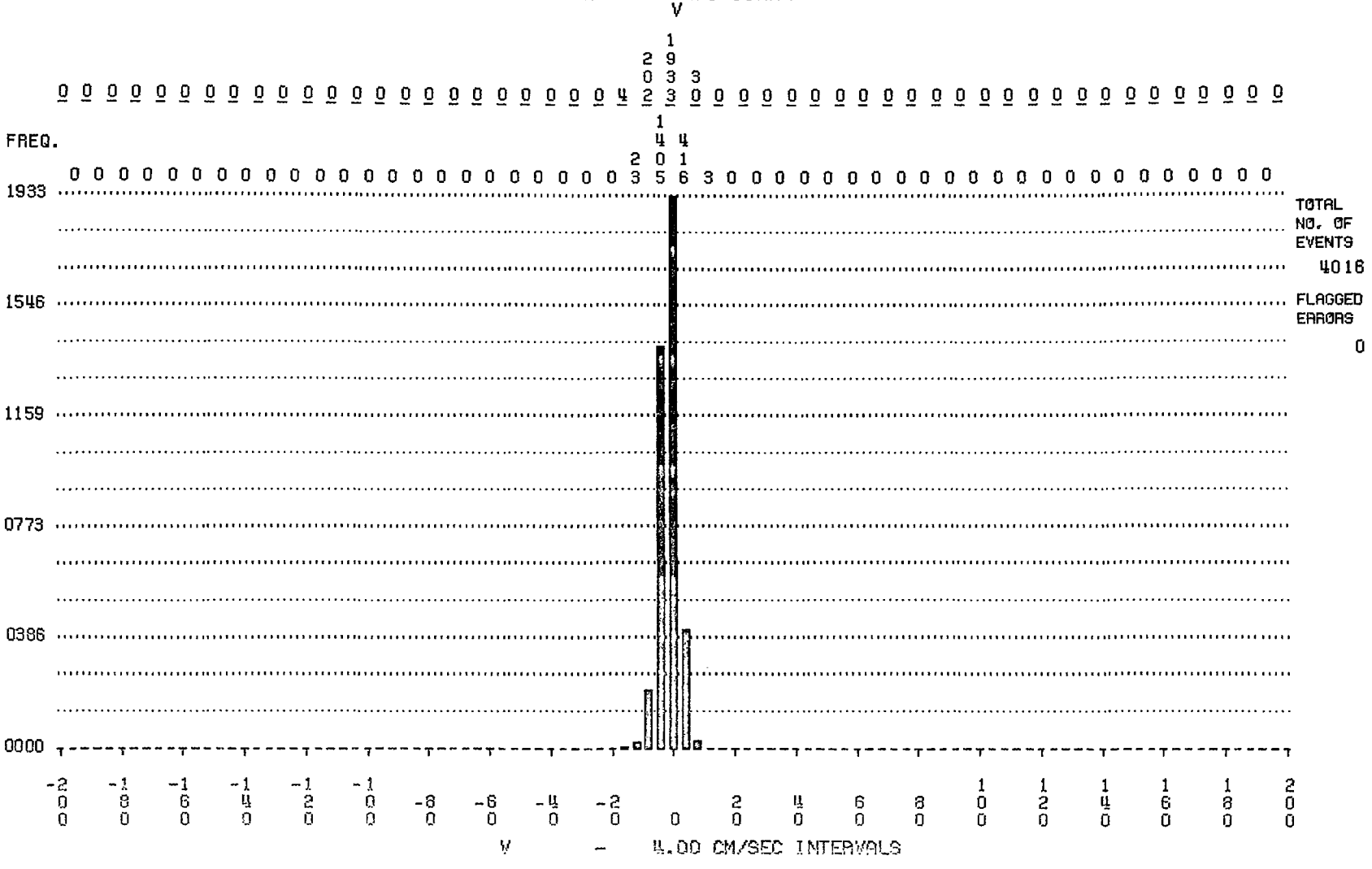


Figure C-9

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2919 METER REF - 534 ANCHORED BUOY D METER DEPTH - 1826 METERS
INSTALLATION DATE 10/25/77 348 HRS ANCHOR ON 513 HRS ANCHOR RELEASE 800 HRS RECOVERY 3/10/78 800 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

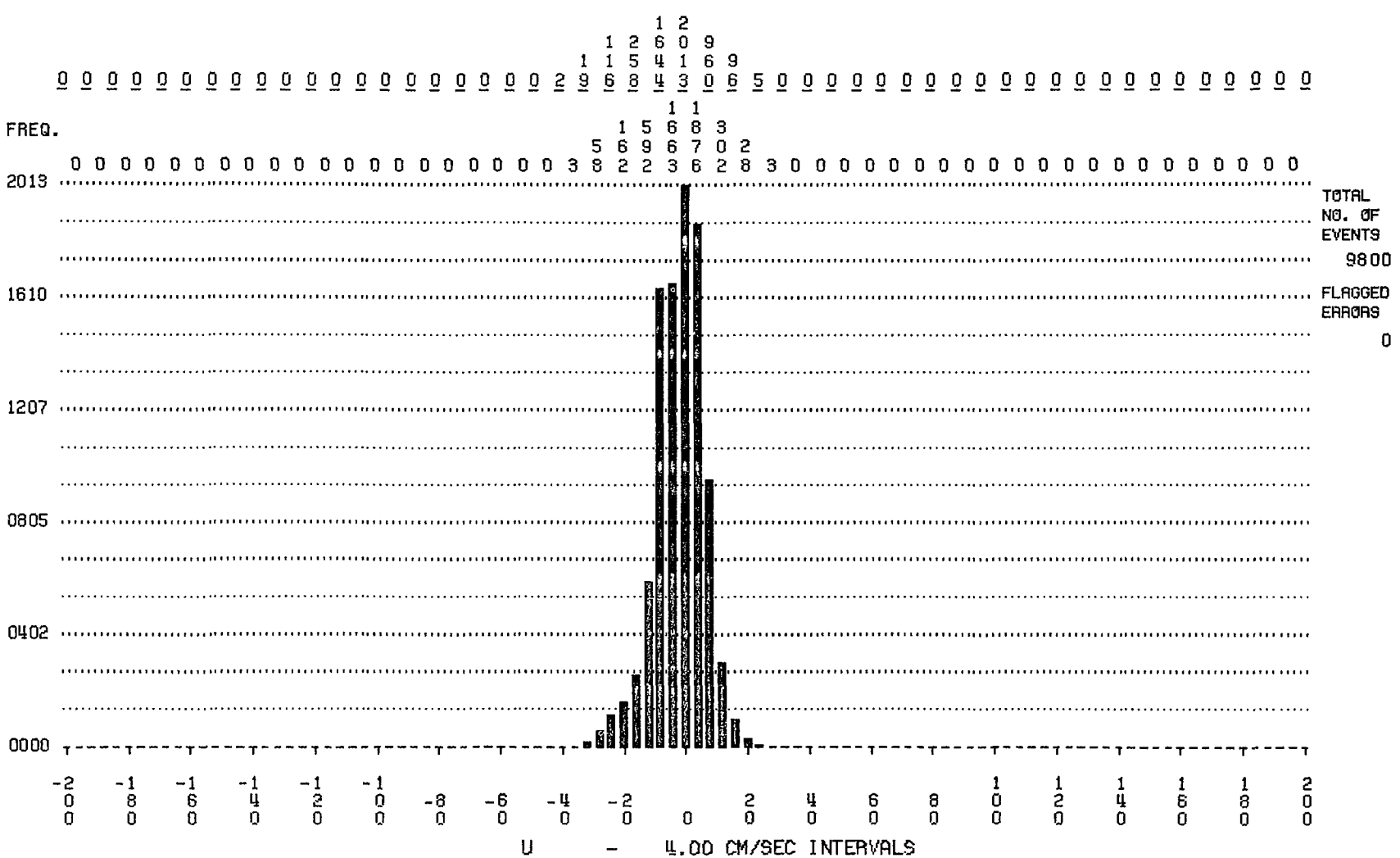


Figure C-10

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2919 METER REF - 534 ANCHORED BUOY D METER DEPTH - 1826 METERS
INSTALLATION DATE 10/25/77 348 HRS ANCHOR ON 513 HRS ANCHOR RELEASE 800 HRS RECOVERY 3/10/78 800 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

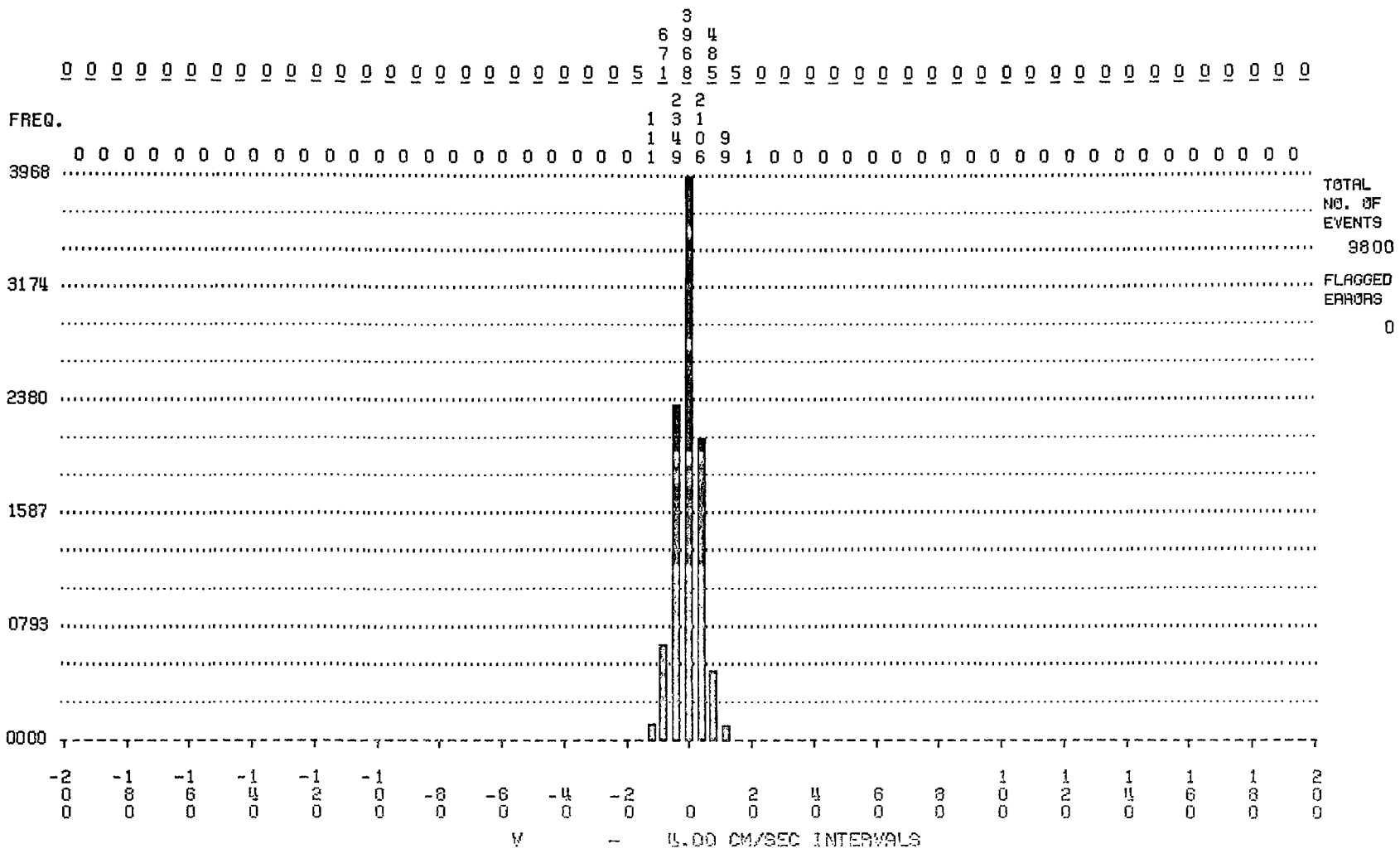


Figure C-11

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 914 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2920 METER REF - 749 ANCHORED BUOY B METER DEPTH - 911 METERS
INSTALLATION DATE 10/24/77 1940 HRS ANCHOR ON 35 HRS ANCHOR RELEASE 620HRS RECOVERY 3/14/78 620 HRS
POSITION 37 36 36.0N 123 7 32.1W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

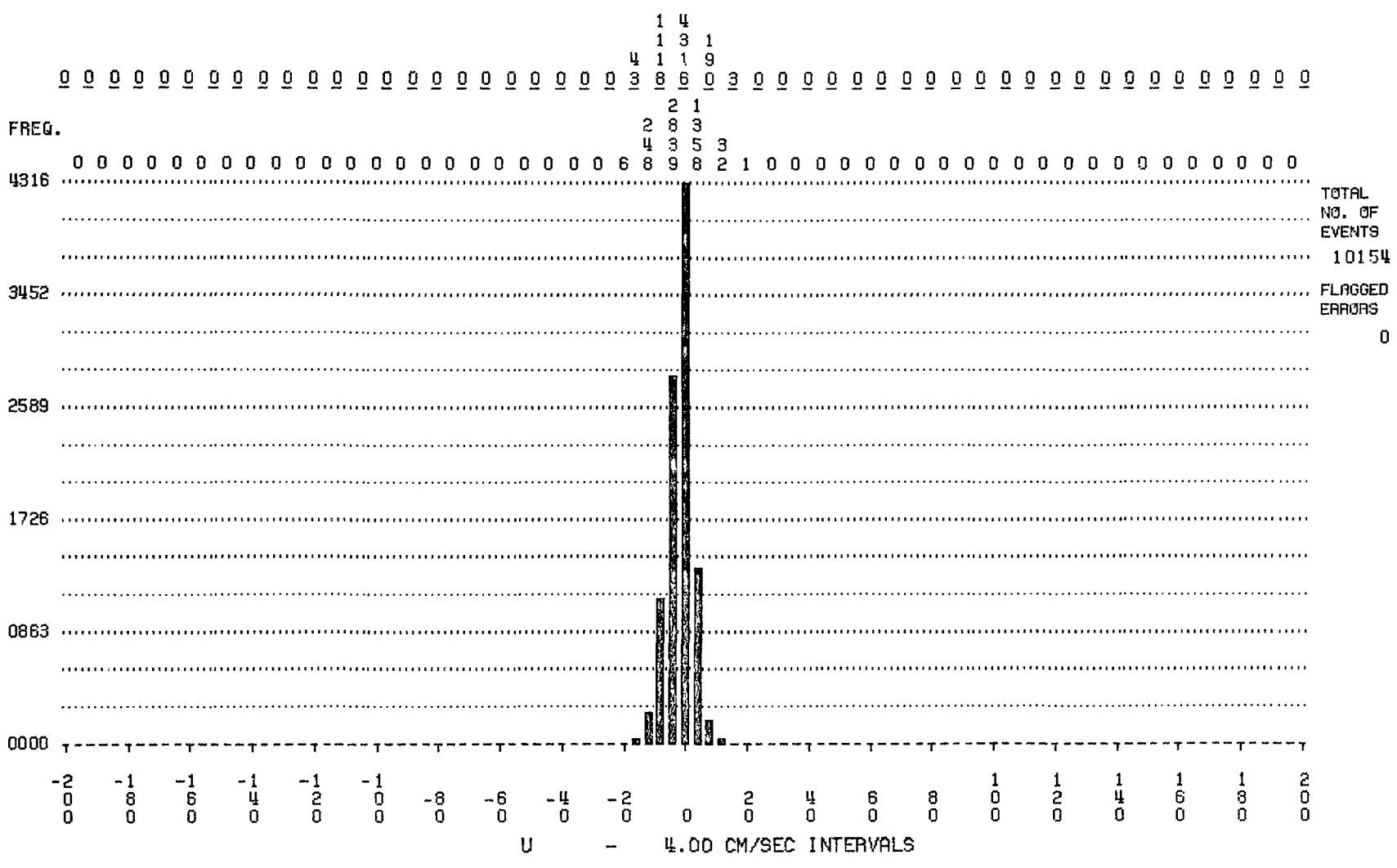


Figure C-12

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 914 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2920 METER REF - 749 ANCHORED BUOY B METER DEPTH - 911 METERS
INSTALLATION DATE 10/24/77 1940 HRS ANCHOR ON 35 HRS ANCHOR RELEASE 620HRS RECOVERY 3/14/78 620 HRS
POSITION 37 36 36.0N 123 7 32.1W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM

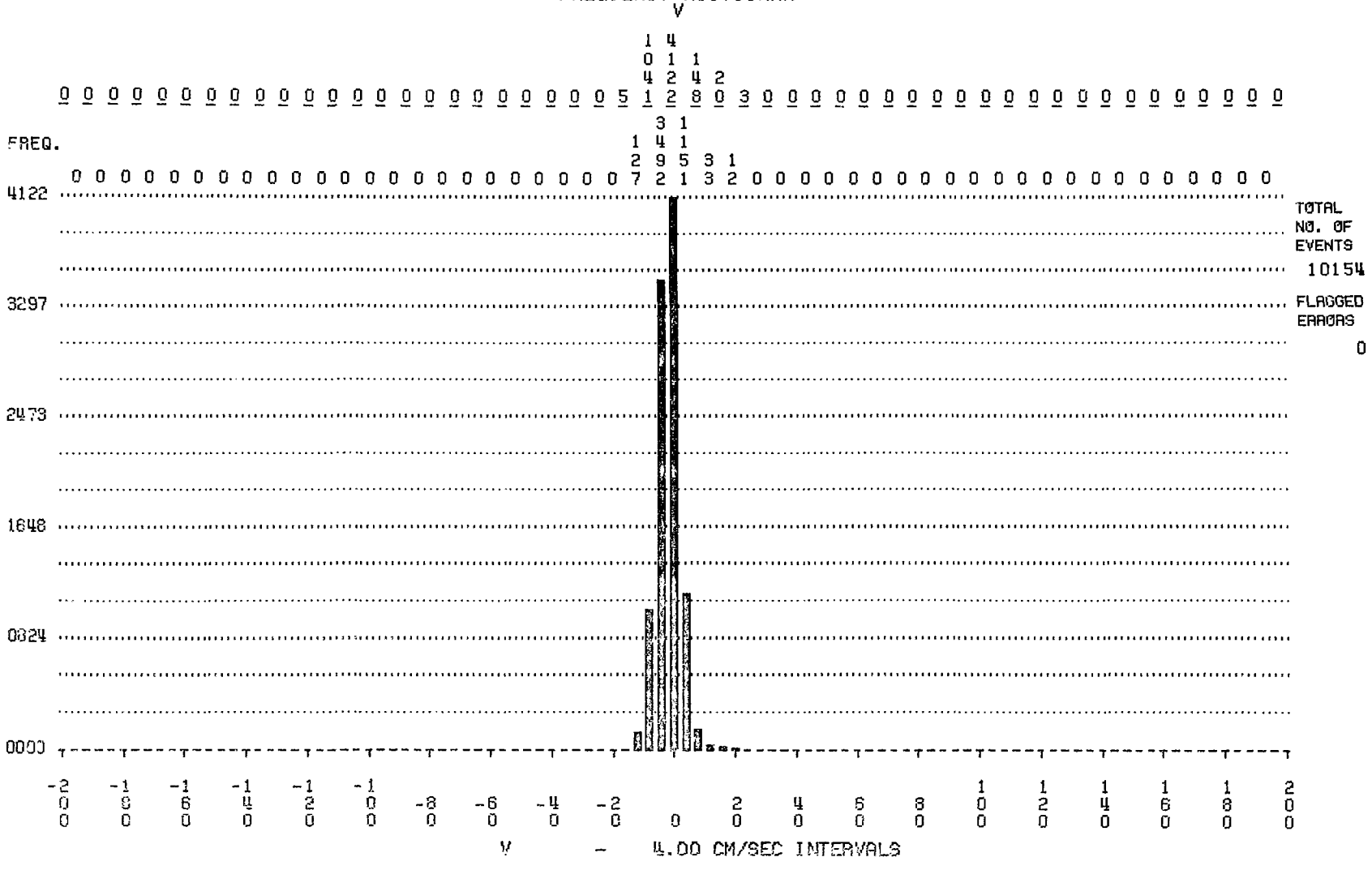


Figure C-13

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1371 METERS
METER TYPE - VACM METER S/N - 0365 METER REF - 477 ANCHORED BUOY C METER DEPTH - 911 METERS
INSTALLATION DATE 10/25/77 0120 HRS ANCHOR DN 0120 HRS ANCHOR RELEASE 1221 HRS RECOVERY 10/24/78 1315 HR
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 15 MIN

FREQUENCY HISTOGRAM

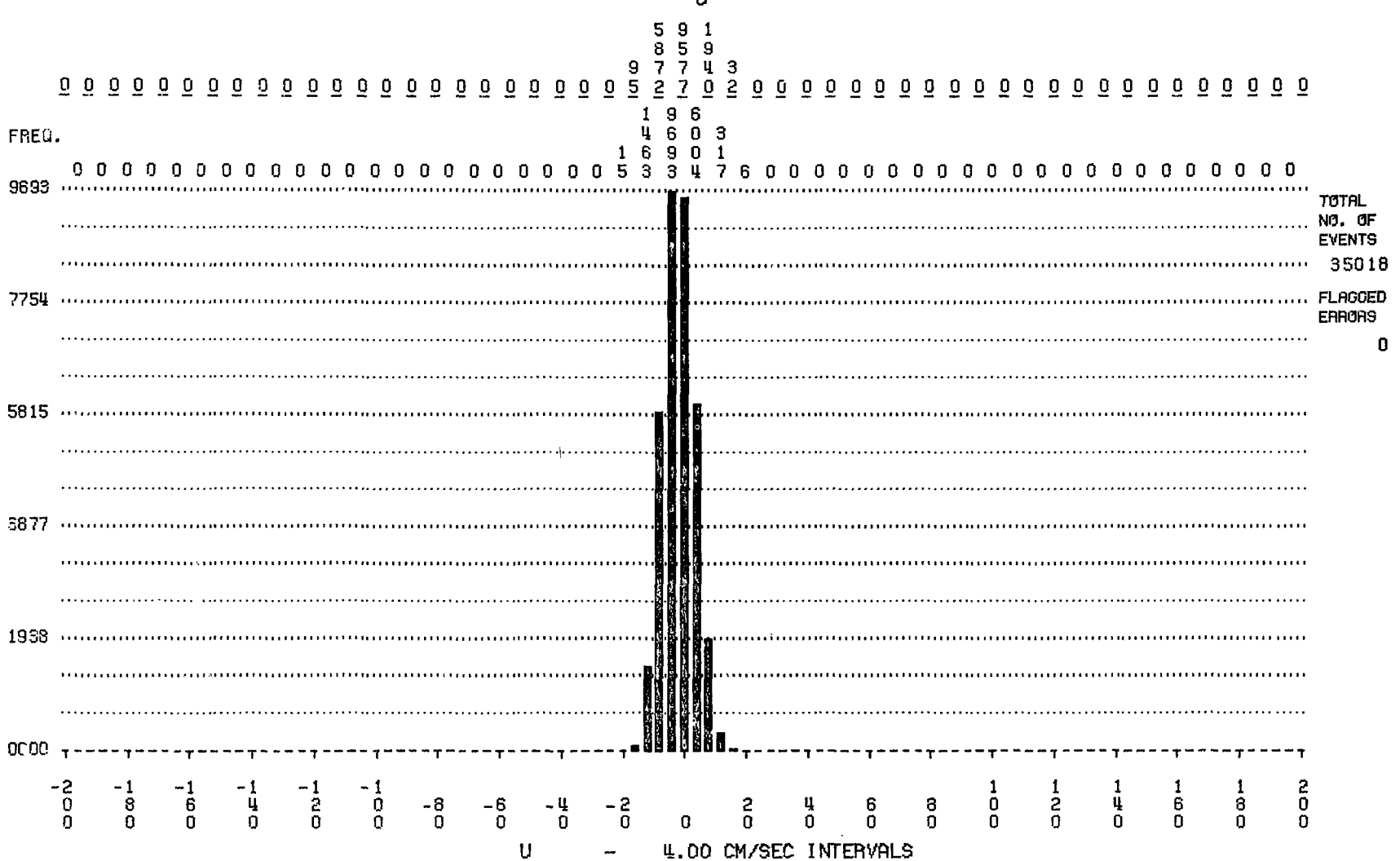


Figure C-14

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1371 METERS
METER TYPE - VACM METER S/N - 0365 METER REF - 477 ANCHORED BUOY C METER DEPTH - 911 METERS
INSTALLATION DATE 10/25/77 0120 HRS ANCHOR DN 0120 HRS ANCHOR RELEASE 1221 HRS RECOVERY 10/24/78 1315 HR
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 15 MIN

FREQUENCY HISTOGRAM

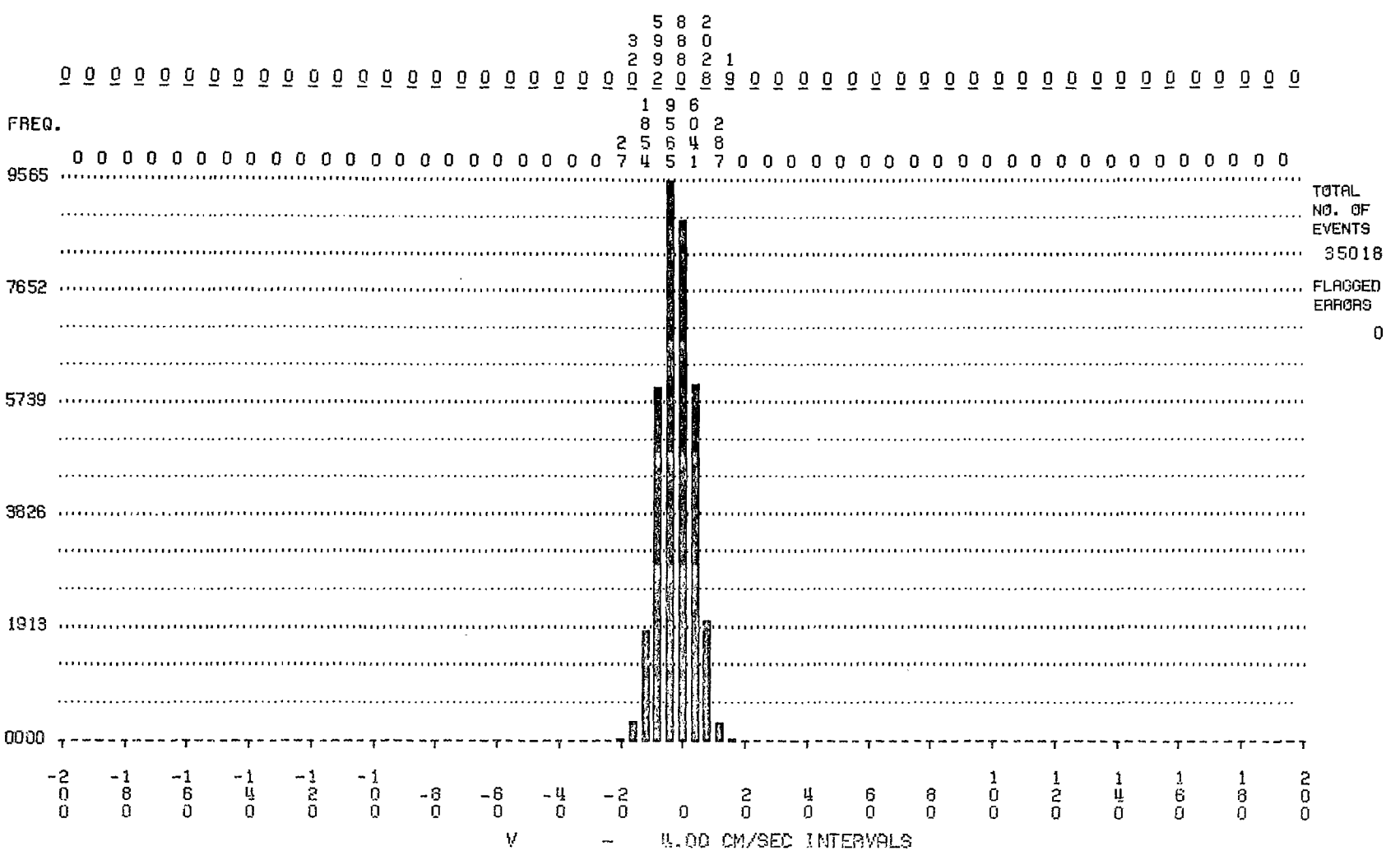


Figure C-15

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 914 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2920 METER REF - 749 ANCHORED BUOY B METER DEPTH - 911 METERS
INSTALLATION DATE 10/24/77 1940 HRS ANCHOR ON 35 HRS ANCHOR RELEASE 620HRS RECOVERY 3/14/78 620 HRS
POSITION 37 36 36.0N 123 7 32.1W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

FREQUENCY HISTOGRAM
COND

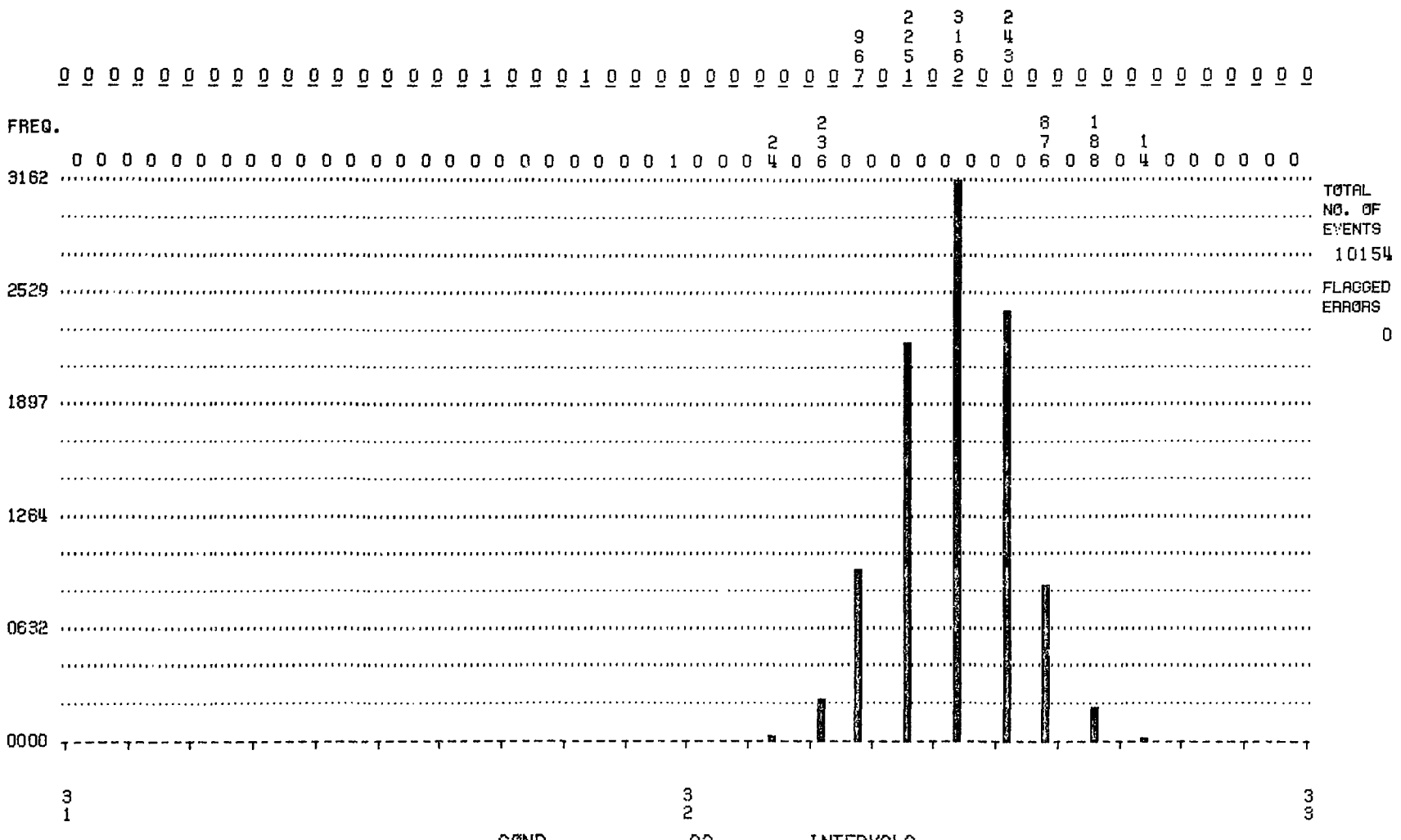


Figure C-16

Appendix D

SCATTERGRAMS

Appendix D contains scattergrams of current speed versus current direction and of North vs East (V vs U) current components for each current meter. The data in the scattergrams are for the entire study period. They are explained in detail in Section 4 of the report and are listed below:

Aanderaa #2830:	Speed vs Direction Scattergram	Figure D-1
Aanderaa #2918:	Speed vs Direction Scattergram	Figure D-2
Aanderaa #2919:	Speed vs Direction Scattergram	Figure D-3
Aanderaa #2920:	Speed vs Direction Scattergram	Figure D-4
VACM:	Speed vs Direction Scattergram	Figure D-5
Aanderaa #2830:	North vs East Components Scattergram . . .	Figure D-6
Aanderaa #2918:	North vs East Components Scattergram . . .	Figure D-7
Aanderaa #2919:	North vs East Components Scattergram . . .	Figure D-8
Aanderaa #2920:	North vs East Components Scattergram . . .	Figure D-9
VACM:	North vs East Components Scattergram . . .	Figure D-10

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1371 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2830 METER REF - 721 ANCHORED BUOY C METER DEPTH - 912 METERS
INSTALLATION DATE 10/24/77 2002 HRS ANCHOR ON 326 HRS ANCHOR RELEASE 220HRS RECOVERY 2/ 8/78 220 HRS
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
SPEED VS DIR

TOTAL NUMBER OF EVENTS: 7547
FLAGGED DATA POINTS: 0

SPEED CM/SEC	0.00–18.00	18.00–36.00	36.00–54.00	54.00–72.00	72.00–90.00	90.00–108.00	108.00–126.00	126.00–144.00	144.00–162.00	162.00–180.00	180.00–198.00	198.00–216.00	216.00–234.00	234.00–252.00	252.00–270.00	270.00–288.00	288.00–306.00	306.00–324.00	324.00–342.00	342.00–360.00
40.00																				
38.00																				
36.00																				
34.00																				
32.00																				
30.00																				
28.00																				
26.00																				
24.00																				
22.00									1											
20.00							1		2											
18.00						2	2	7	8	1								1	3	
16.00	1	3			1	1	9	14	23	11	2					1	1	8	10	
14.00	3	2		1	4	5	23	62	38	28	3	3	2		1	5	11	20	20	6
12.00	11	8	4	2	11	15	53	83	49	40	14	3	5	1	5	9	27	55	32	20
10.00	10	26	7	9	20	27	71	90	58	37	19	8	14	13	12	22	26	46	41	23
8.00	46	67	25	39	45	78	136	154	129	80	61	54	38	48	47	62	89	77	107	69
6.00	94	146	57	69	81	119	149	157	136	102	86	125	76	88	103	142	137	118	124	93
4.00	62	137	41	44	58	69	83	58	52	58	51	69	50	47	65	60	85	62	79	90
2.00	51	143	48	36	53	55	52	57	52	54	59	66	45	45	69	50	63	68	61	71
0.00																				

DIR
DEG

Figure D-1

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2918 METER REF - 496 ANCHORED BUOY D METER DEPTH - 1800 METERS
INSTALLATION DATE 10/25/77 355 HRS ANCHOR ON 550 HRS ANCHOR RELEASE 20 HRS RECOVERY 12/20/77 20 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
SPEED VS DIR

TOTAL NUMBER OF EVENTS: 4016
FLAGGED DATA POINTS: 0

SPEED CM/SEC	0.00	18.00	36.00	54.00	72.00	90.00	108.00	126.00	144.00	162.00	180.00	198.00	216.00	234.00	252.00	270.00	288.00	306.00	324.00	342.00	360.00
40.00																					
38.00																					
36.00																					
34.00																					
32.00																					
30.00																					
28.00															1	1					
26.00															1						
24.00						1								3	3	2					
22.00					1	2	1							4	1						
20.00					2	2							1	2	2	1					
18.00					2	9	2								10	2		2			
16.00				2	12	14	1							5	9	1		4			
14.00			3	2	12	22	4						3	7	15	5	2	2			
12.00		2		7	31	47	7	1			1		3	12	14	7	2	3	2		
10.00	1	1	10	28	72	69	15	1				4	4	15	14	22	13	10			
8.00	1	6	13	60	88	84	25	1				5	9	32	29	32	28	18	12	5	
6.00	13	31	40	78	110	128	41	18	4	3	4	4	14	29	39	48	62	37	19	10	
4.00	16	37	50	88	80	87	59	29	18	13	16	10	14	24	43	53	48	36	39	32	
2.00	30	48	37	38	48	54	42	28	21	15	20	22	16	26	21	41	40	32	31	38	
0.00	29	42	32	55	81	72	47	31	21	18	24	26	22	28	55	44	52	39	51	26	

DIR
DEG

Figure D-2

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2919 METER REF - 534 ANCHORED BUOY D METER DEPTH - 1826 METERS
INSTALLATION DATE 10/25/77 348 HRS ANCHOR ON 513 HRS ANCHOR RELEASE 800 HRS RECOVERY 3/10/78 800 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
SPEED VS DIR

TOTAL NUMBER OF EVENTS: 9800
FLAGGED DATA POINTS: 0

SPEED CM/SEC	0.00	18.00	36.00	54.00	72.00	90.00	108.00	126.00	144.00	162.00	180.00	198.00	216.00	234.00	252.00	270.00	288.00	306.00	324.00	342.00	360.00
40.00															2						
38.00															1						
36.00																					
34.00														1	3						
32.00						1									5	1					
30.00					1	1	2							1	13	2					
28.00						1								1	22	3					
26.00						3	3							7	39	1					
24.00					4	6	4							7	37	10	1				
22.00					2	11	5	1						10	52	3					1
20.00					14	28	12	1					2	16	51	7	2	3	1	2	
18.00	1		3	4	13	27	10						1	26	55	13	2	14	16	1	
16.00	2	1	1	11	35	48	20	1					3	33	68	22	12	19	34	8	
14.00	5	12	24	47	67	89	29	2				3	9	24	55	28	17	48	35	17	
12.00	23	32	84	108	138	140	48	8	1	1	11	14	19	47	84	39	60	65	91	29	
10.00	25	64	151	215	188	112	45	9		4	2	13	31	48	83	86	112	129	94	44	
8.00	56	133	183	260	225	139	61	22	6	5	8	29	37	62	121	117	163	159	108	66	
6.00	111	172	178	196	170	126	83	40	13	18	13	25	52	61	91	114	164	140	107	105	
4.00	67	110	90	99	99	70	63	33	19	26	16	35	47	43	62	77	72	84	68	66	
2.00	46	56	57	51	75	58	32	34	11	11	14	9	18	24	24	28	28	36	49	35	
0.00																					

DIR
DEG

Figure D-3

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 . SITE DEPTH - 914 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2920 METER REF - 749 ANCHORED BUOY B METER DEPTH - 911 METERS
INSTALLATION DATE 10/24/77 1940 HRS ANCHOR ON 35 HRS ANCHOR RELEASE 620HRS RECOVERY 3/14/78 620 HRS
POSITION 37 36 36.0N 123 7 32.1W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
SPEED VS DIR

TOTAL NUMBER OF EVENTS: 10154
FLAGGED DATA POINTS: 0

SPEED CM/SEC	0.00	18.00	36.00	54.00	72.00	90.00	108.00	126.00	144.00	162.00	180.00	198.00	216.00	234.00	252.00	270.00	288.00	306.00	324.00	342.00
40.00																				
38.00																				
36.00																				
34.00																				
32.00																				
30.00																				
28.00																				
26.00																				2
24.00																			2	2
22.00				1															2	2
20.00	1				1												1		5	4
18.00		1												1	1	1	1	3	2	7
16.00	1	1	1	2	1		1	1					1	1		1			3	4
14.00	2	3	2	2	4	6	2		1			1	10	6	4	2	4	1	4	5
12.00	1	8	5	9	7	5	4	2	2	1	3	6	15	16	11	11	7	2	7	8
10.00	8	19	14	17	21	24	6	7	4	3	3	17	40	37	17	20	10	8	9	13
8.00	18	46	21	46	45	35	28	29	20	10	18	25	59	61	38	32	22	21	22	25
6.00	56	109	78	87	87	81	98	89	61	41	48	63	92	80	84	47	51	61	67	50
4.00	158	180	145	178	187	186	175	199	136	112	122	116	110	155	142	137	117	115	128	160
2.00	155	183	165	176	184	169	173	164	169	143	162	155	136	164	161	148	121	121	129	140
0.00	93	84	71	79	95	90	103	115	103	86	76	66	53	52	57	46	49	60	59	63

DIR DEG

Figure D-4

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1371 METERS
METER TYPE - VACM METER S/N - 0365 METER REF - 477 ANCHORED BUOY C METER DEPTH - 911 METERS
INSTALLATION DATE 10/25/77 0120 HRS ANCHOR DN 0120 HRS ANCHOR RELEASE 1221 HRS RECOVERY 10/24/78 1315 HR
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 15 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
SPEED VS DIR

TOTAL NUMBER OF EVENTS: 35018
FLAGGED DATA POINTS: 0

SPEED CM/SEC	0.00	18.00	36.00	54.00	72.00	90.00	108.00	126.00	144.00	162.00	180.00	198.00	216.00	234.00	252.00	270.00	288.00	306.00	324.00	342.00
40.00																				
38.00																				
36.00																				
34.00																				
32.00																				
30.00																				
28.00																				
26.00																				
24.00																				
22.00							5	2									1			
20.00							5	9	3								3	1		
18.00		1				5	6	13	11	2						2	2	4	3	3
16.00	1	3	1	2	5	9	31	32	28	15	5				2	3	10	8	22	7
14.00	12	3	12	11	20	27	65	116	63	30	16	8	3	5	4	3	18	60	62	25
12.00	42	17	21	32	44	89	123	221	142	83	20	24	17	5	8	27	102	156	153	81
10.00	114	79	69	70	89	177	233	389	231	169	102	49	50	38	42	106	187	419	280	186
8.00	263	194	162	155	183	304	399	589	376	286	187	114	111	130	160	298	363	541	405	317
6.00	396	315	322	267	321	450	540	593	515	425	384	246	284	277	320	464	488	625	513	425
4.00	379	290	308	291	294	403	424	504	431	382	378	274	291	289	316	448	423	486	371	332
2.00	408	321	380	301	355	473	406	546	409	480	521	436	521	437	439	534	426	476	386	387
0.00	15																			

DIR
DEG

Figure D-5

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811 SITE DEPTH - 1371 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2830 METER REF - 721 ANCHORED BUOY C METER DEPTH - 912 METERS
INSTALLATION DATE 10/24/77 2002 HRS ANCHOR ON 326 HRS ANCHOR RELEASE 220HRS RECOVERY 2/ 8/78 220 HRS
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
V VS U

TOTAL NUMBER OF EVENTS: 7547
FLAGGED DATA POINTS: 0

V CM/SEC

V \ U	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
20.00																					
18.00																					
16.00																					
14.00							1				1		1	1							
12.00					1	7	5	5	3	1	2	1		1							
10.00					2	7	11	13	10	9	7	6	2	2							
8.00					7	10	29	28	23	14	7	19	2		1						
6.00					11	18	39	27	66	60	44	51	5	5	2	1					
4.00				2	4	12	30	70	142	114	186	53	26	7	2						
2.00			1	4	7	15	62	112	154	175	226	93	59	25	5	7	1				
0.00				1	6	12	53	186	169	110	1057	115	110	45	14	5	2	1			
-2.00					4	8	38	115	118	100	102	151	161	72	19	7	3	1			
-4.00					2	5	23	83	93	138	138	181	161	87	24	9	4		1		
-6.00						1	13	38	69	141	130	146	144	68	41	17	6		1		
-8.00							9	7	24	57	76	90	48	54	46	16	5	2			
-10.00						1	2		6	13	23	28	39	36	25	24	3	1			
-12.00							2	3	3	9	21	27	18	22	13	4	1				
-14.00									1	2	11	10	11	12	7	1	1				
-16.00										1		6	3	6	3						
-18.00													1		1						
-20.00														1							

U CM/SEC

Figure D-6

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2918 METER REF - 496 ANCHORED BUOY D METER DEPTH - 1800 METERS
INSTALLATION DATE 10/25/77 355 HRS ANCHOR ON 550 HRS ANCHOR RELEASE 20 HRS RECOVERY 12/20/77 20 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
V VS U

TOTAL NUMBER OF EVENTS: 4016
FLAGGED DATA POINTS: 0

V CM/SEC	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
20.00																					
18.00																					
16.00																					
14.00				2	1																
12.00				1	3			2			1	1		2		1					
10.00					1	2	2	2	3	4	1			2		2					
8.00				1	2	4	10	11	10	9	12	19	14	4	6	2	1	1			
6.00	1		2			13	11	37	35	40	37	37	30	30	19	12	2	2	1	1	
4.00		2		2	9	18	47	66	53	67	90	62	91	79	57	24	12	7	3	1	
2.00		1	4	4	11	25	46	69	86	235	287	105	120	110	62	44	17	5	6	6	
0.00	1	1	4	5	5	20	34	49	46	139	192	90	105	113	74	45	24	8	3	6	
-2.00	6	4	4	10	11	19	24	31	25	46	33	48	51	33	22	25	22	13	7	7	
-4.00	1	5	8	7	6	15	11	10	10	18	18	14	13	5	6	1	5	3	4	7	
-6.00	1		3	3	2	3	5	5	1	2	1	2			1	3	1		1	1	
-8.00			1	2	1	2		4	2						1					4	
-10.00					1	1		1												3	
-12.00		2							1											1	
-14.00																					
-16.00																					
-18.00																					
-20.00																					

U CM/SEC

Figure D-7

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1829 METERS
METER TYPE - AANDERAA RCM-5 METER S/N - 2919 METER REF - 534 ANCHORED BUOY D METER DEPTH - 1826 METERS
INSTALLATION DATE 10/25/77 348 HRS ANCHOR ON 513 HRS ANCHOR RELEASE 800 HRS RECOVERY 3/10/78 800 HRS
POSITION 37 36 51.0N 123 17 27.0W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
V VS U

TOTAL NUMBER OF EVENTS: 9800
FLAGGED DATA POINTS: 0

V CM/SEC

V \ U	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
20.00							1	1													
18.00							2		1		1										
16.00				1	1	5	5	5	5		2										
14.00				1	10	10	19	13	7	7	4	1	1	1		1					
12.00			1	2	6	16	24	30	26	8	12	8	13	7	1	2					
10.00			1	2	10	35	39	54	47	21	19	33	22	20	17	6	2	1			
8.00	1	1	1	9	11	29	54	86	80	54	53	92	74	65	47	23	7	2		2	
6.00		1		2	10	47	95	142	135	127	182	180	169	163	89	38	19	7	3	6	
4.00	1	4	8	9	20	48	112	206	188	138	212	220	244	225	140	58	32	10	6	12	
2.00	4	8	14	20	16	66	123	167	172	217	347	216	222	215	121	74	30	17	5	21	
0.00	15	16	20	23	37	48	111	117	103	106	154	126	156	129	87	85	46	23	9	33	
-2.00	15	24	30	39	51	46	47	65	70	57	48	56	58	53	51	57	41	19	10	68	
-4.00	18	22	25	16	22	23	33	33	37	21	19	15	18	14	22	21	14	12	7	73	
-6.00	11	14	14	11	7	8	17	16	15	6	5	3	2	4	12	7	6	5	6	37	
-8.00		2	1	5	4	3	9	10	5	2	3	1		1		1	2	5	3	21	
-10.00	2	3	1	1	2	1	2	5	4	4	1							1		6	
-12.00								1										1		2	
-14.00				1																	
-16.00																					
-18.00																					
-20.00																					

U CM/SEC

Figure D-8

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 914 METERS

METER TYPE - AANDERAA RCM-5 METER S/N - 2920 METER REF - 749 ANCHORED BUOY B METER DEPTH - 911 METERS

INSTALLATION DATE 10/24/77 1940 HRS ANCHOR DN 35 HRS ANCHOR RELEASE 620HRS RECOVERY 3/14/78 620 HRS

POSITION 37 36 36.0N 123 7 32.1W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 20 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
V VS U

TOTAL NUMBER OF EVENTS: 10154
FLAGGED DATA POINTS: 0

V CM/SEC

V CM/SEC	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
20.00					1	5	4	8	3	4	2										
18.00						2		1	1	2	1		1								
16.00				1		1	1	2		4	1		1		1						
14.00				1	1		3	1	3	5		1	3	2	1						
12.00							5	3	7	8	4	5	4	2	1		1				
10.00				1	1	2	2	9	13	14	17	13	18	6	2	2	1	1			
8.00	2				2	5	7	15	48	42	51	80	30	11	6	3			1	2	
6.00		1		4	6	8	18	62	83	179	224	128	68	36	17	7	5				
4.00		1		6	8	20	26	105	192	279	383	239	148	55	19	5	3	3			
2.00			1	5	9	24	51	155	296	217	1123	392	218	82	38	14	3	1	1		
0.00	1		2	2	8	23	67	153	305	293	332	342	221	79	27	13	5	4			
-2.00			2	5	13	27	62	126	209	310	331	292	159	58	9	11		1			
-4.00			1	3	16	26	50	78	89	130	139	113	78	32	5	2	1	1			
-6.00			1	4	3	17	36	23	42	36	40	34	26	10	2	3					
-8.00		1		4	4	8	18	19	7	12	10	7	5	2	2			1			
-10.00					5	3	4	4	3		1	4		2			1				
-12.00									1	2		1		1							
-14.00																					
-16.00																					
-18.00																					
-20.00																					

U CM/SEC

Figure D-9

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DIV.
ANAHEIM, CA (714) 772-2811

SITE DEPTH - 1371 METERS
METER TYPE - VACM METER S/N - 0365 METER REF - 477 ANCHORED BUOY C METER DEPTH - 911 METERS
INSTALLATION DATE 10/25/77 0120 HRS ANCHOR DN 0120 HRS ANCHOR RELEASE 1221 HRS RECOVERY 10/24/78 1315 HR
POSITION 37 36 52.3N 123 14 46.4W MAG. VARIATION - -17 DEGS TIME ZONE - PDT (GMT +08 HRS) SAMP INTV - 15 MIN

SCATTER DIAGRAM
NUMBER OF EVENTS PER MATRIX UNIT
V VS U

TOTAL NUMBER OF EVENTS: 35018
FLAGGED DATA POINTS: 0

V CM/SEC

V \ U	-20.00	-18.00	-16.00	-14.00	-12.00	-10.00	-8.00	-6.00	-4.00	-2.00	0.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
20.00																					
18.00	1					1			3	2	1										
16.00						1	17	12	11	6	2	2	2	2	1						
14.00		1	3		5	30	32	36	52	28	28	11	2	3							
12.00	1	1	1	1	23	45	62	126	128	87	68	44	19	6	5	2					
10.00	2	1	2	5	26	92	169	226	262	210	174	120	65	28	17	8	2				
8.00		4	4	10	58	180	311	398	449	403	339	243	156	57	40	12	6	2			
6.00	1	1	4	23	58	173	339	505	517	470	428	356	282	118	52	26	10	4	2		
4.00				12	56	193	391	537	665	781	732	454	302	232	114	45	14	10	2		
2.00		1	1	9	40	172	379	499	886	408	396	648	374	310	128	65	19	4	1		
0.00		1	3	8	21	129	302	420	829	563	503	814	465	338	164	82	37	10	1		
-2.00		1	1	2	17	68	199	340	480	870	905	635	561	456	211	78	39	7	3	2	
-4.00				2	7	35	97	216	297	431	490	626	505	408	203	79	27	16	6	1	
-6.00			1	2		20	52	97	210	328	406	447	388	288	167	74	42	15	6	3	
-8.00				1	3	5	26	29	60	135	197	222	210	151	132	69	21	8	2	2	
-10.00					1	2	6	25	25	63	91	93	81	89	62	32	5	1	2	3	
-12.00						2	2	10	7	13	23	47	36	37	23	12	6	2			
-14.00								3	5	8	9	14	12	15	16	12	4	1	1		
-16.00									1		4	4	3	2	4	2	3	2			
-18.00														1							
-20.00																					

U CM/SEC

Figure D-10

Appendix E

SPECTRA - NORTH, EAST COMPONENTS

Appendix E contains monthly plots of the power spectral density of the Northward and Eastward components from all of the meters in the 1977-1978 survey. These plots are described in detail in Section 4 of the report. They are listed below:

Aanderaa #2830: North and East Current Spectra for October 1977 . . . . . Figure E-1

Aanderaa #2830: North and East Current Spectra for November 1977 . . . . . Figure E-2

Aanderaa #2830: North and East Current Spectra for December 1977 . . . . . Figure E-3

Aanderaa #2830: North and East Current Spectra for January 1977 . . . . . Figure E-4

Aanderaa #2830: North and East Current Spectra for February 1977 . . . . . Figure E-5

Aanderaa #2918: North and East Current Spectra for October 1977 . . . . . Figure E-6

Aanderaa #2918: North and East Current Spectra for November 1977 . . . . . Figure E-7

Aanderaa #2918: North and East Current Spectra for December 1977 . . . . . Figure E-8

Aanderaa #2919: North and East Current Spectra for October 1977 . . . . . Figure E-9

Aanderaa #2919: North and East Current Spectra for November 1977 . . . . . Figure E-10

Aanderaa #2919: North and East Current Spectra for December 1977 . . . . . Figure E-11

Aanderaa #2919: North and East Current Spectra for January 1978 . . . . . Figure E-12

Aanderaa #2919: North and East Current Spectra for February 1978 . . . . . Figure E-13

Aanderaa #2919: North and East Current Spectra for March 1978 . . . . . Figure E-14

Aanderaa #2920: North and East Current Spectra for October 1977 . . . . . Figure E-15

Aanderaa #2920: North and East Current Spectra for November 1977 . . . . . Figure E-16

Aanderaa #2920: North and East Current Spectra for December 1977 . . . . . Figure E-17

Aanderaa #2920: North and East Current Spectra for January 1978 . . . . . Figure E-18

Aanderaa #2920: North and East Current Spectra for February 1978 . . . . . Figure E-19

Aanderaa #2920: North and East Current Spectra for March 1978 . . . . . Figure E-20

VACM: North and East Current Spectra for October 1977 . . . . . Figure E-21

VACM: North and East Current Spectra for November 1977 . . . . . Figure E-22

VACM: North and East Current Spectra for December 1977 . . . . . Figure E-23

VACM: North and East Current Spectra for January 1978 . . . . . Figure E-24

VACM: North and East Current Spectra for February 1978 . . . . . Figure E-25

VACM: North and East Current Spectra for March 1978 . . . . . Figure E-26

VACM: North and East Current Spectra for April 1978 . . . . . Figure E-27

VACM: North and East Current Spectra for May 1978 . . . . . Figure E-28

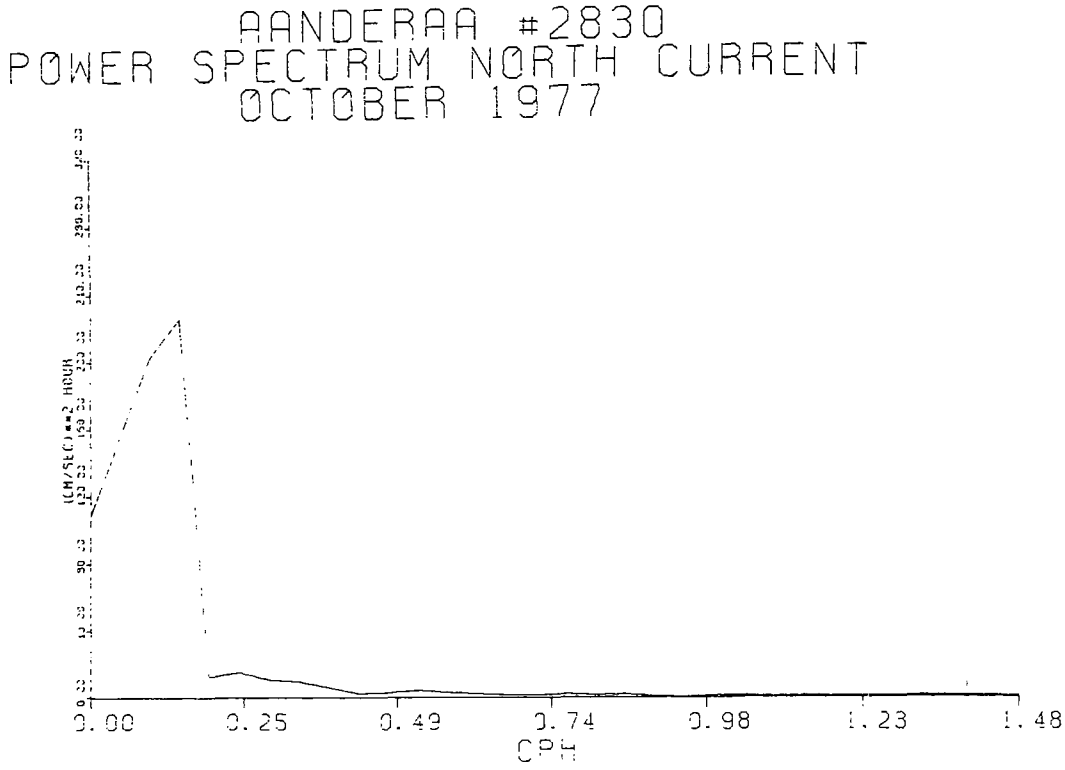
VACM: North and East Current Spectra for June 1978 . . . . . Figure E-29

VACM: North and East Current Spectra for July 1978 . . . . . Figure E-30

VACM: North and East Current Spectra for August 1978 . . . . . Figure E-31

VACM: North and East Current Spectra for September 1978 . . . . . Figure E-32

VACM: North and East Current Spectra for October 1978 . . . . . Figure E-33


AANDERAA #2830
POWER SPECTRUM NORTH CURRENT
OCTOBER 1977
0.00
0.25
0.49
0.74
0.98
1.23
1.48
CPH

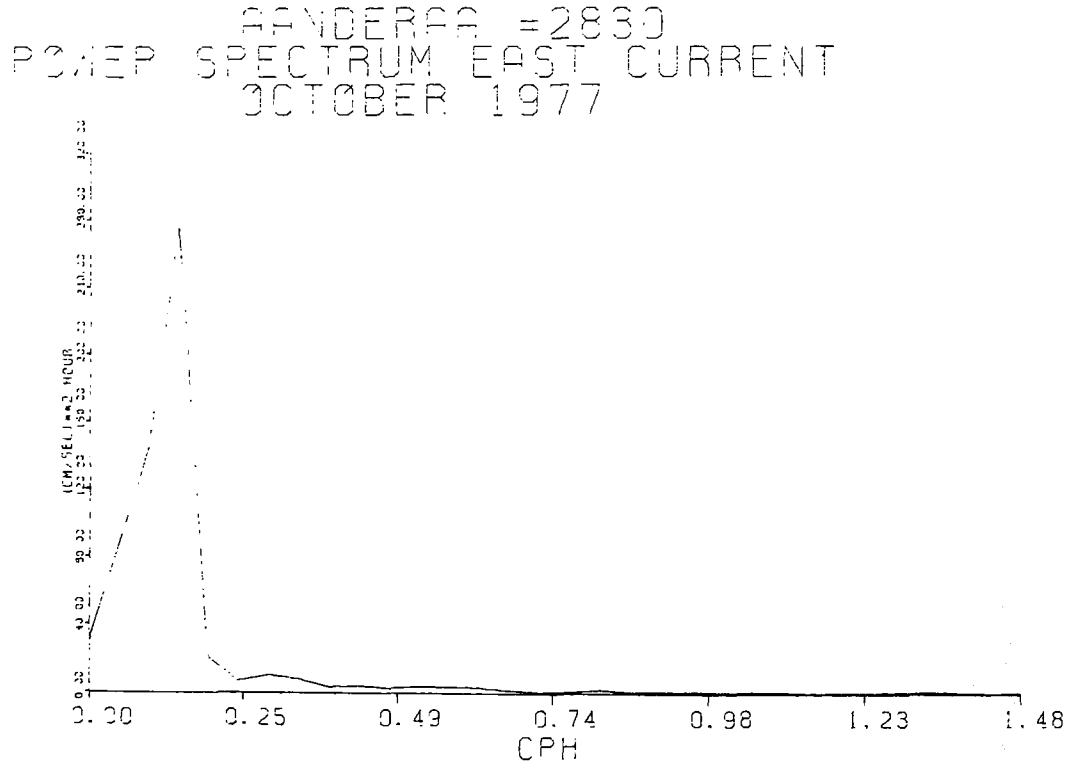
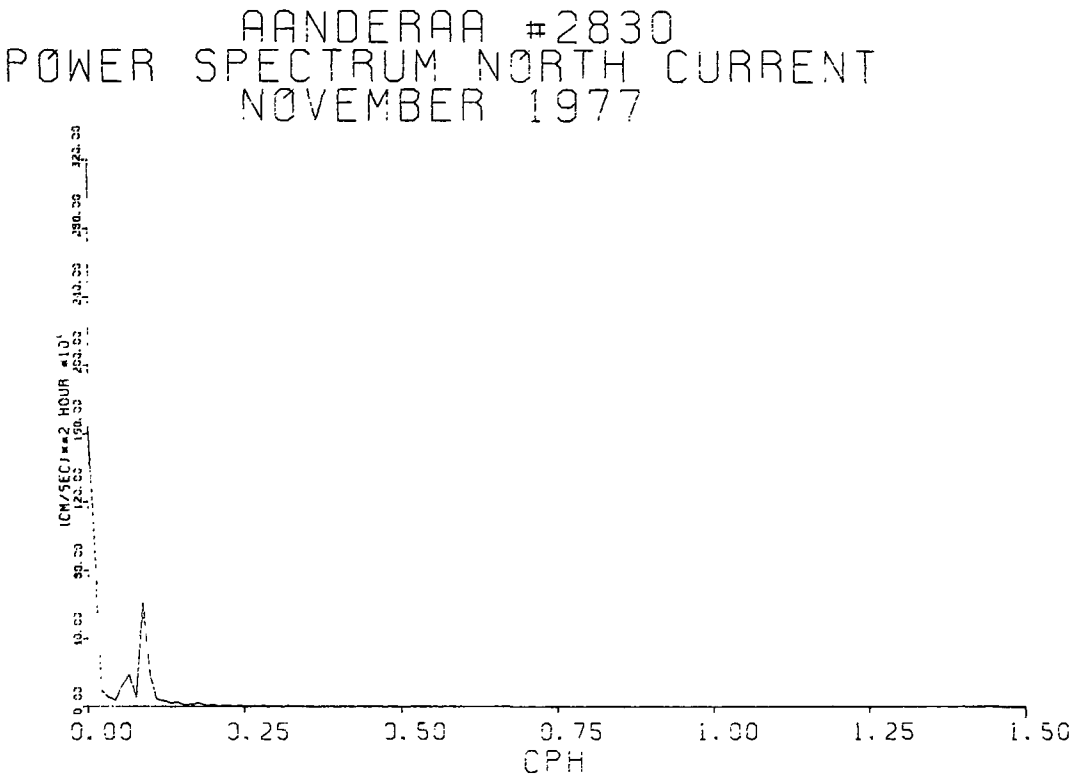

AANDERAA #2830
POWER SPECTRUM EAST CURRENT
OCTOBER 1977
0.00
0.25
0.49
0.74
0.98
1.23
1.48
CPH

Figure E-1


AANDERAA #2830
POWER SPECTRUM NORTH CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR *10¹
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

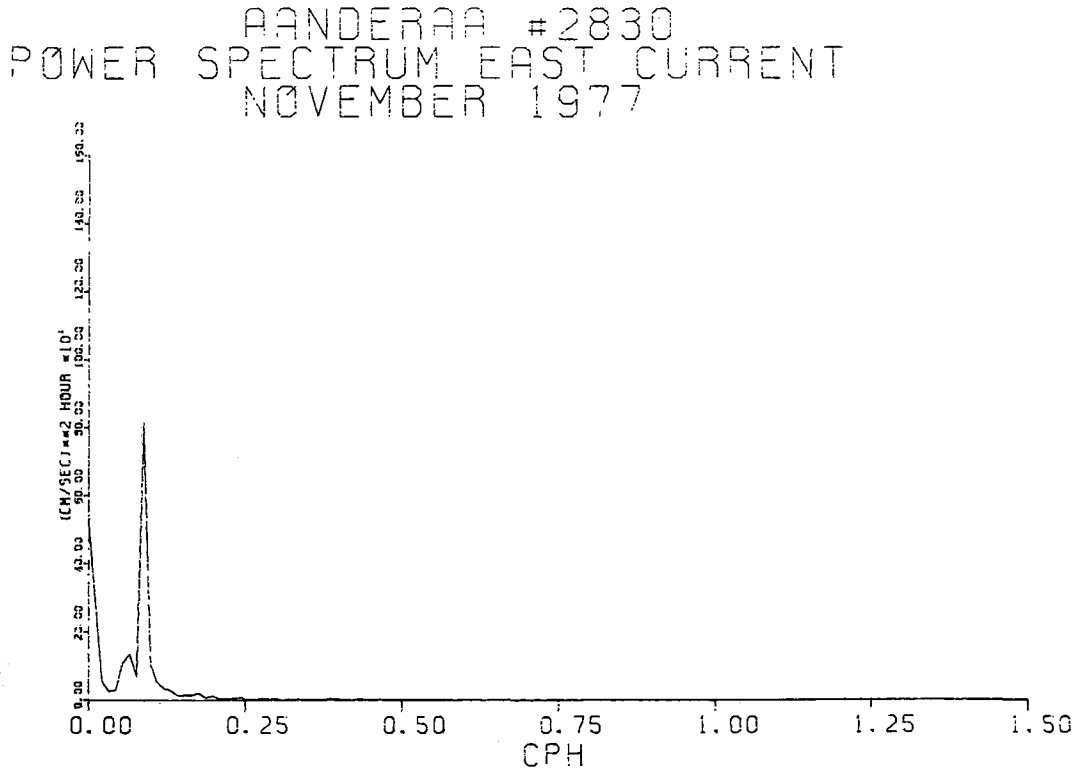
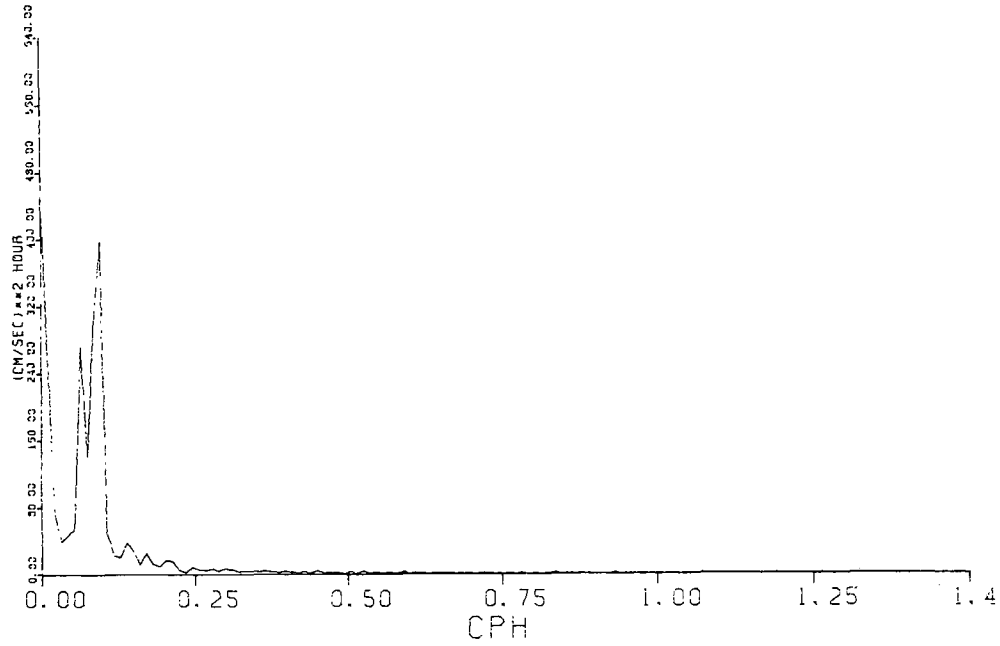

AANDERAA #2830
POWER SPECTRUM EAST CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR *10¹
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-2

AANDERAA #2830
POWER SPECTRUM NORTH CURRENT
DECEMBER 1977



AANDERAA #2830
POWER SPECTRUM EAST CURRENT
DECEMBER 1977

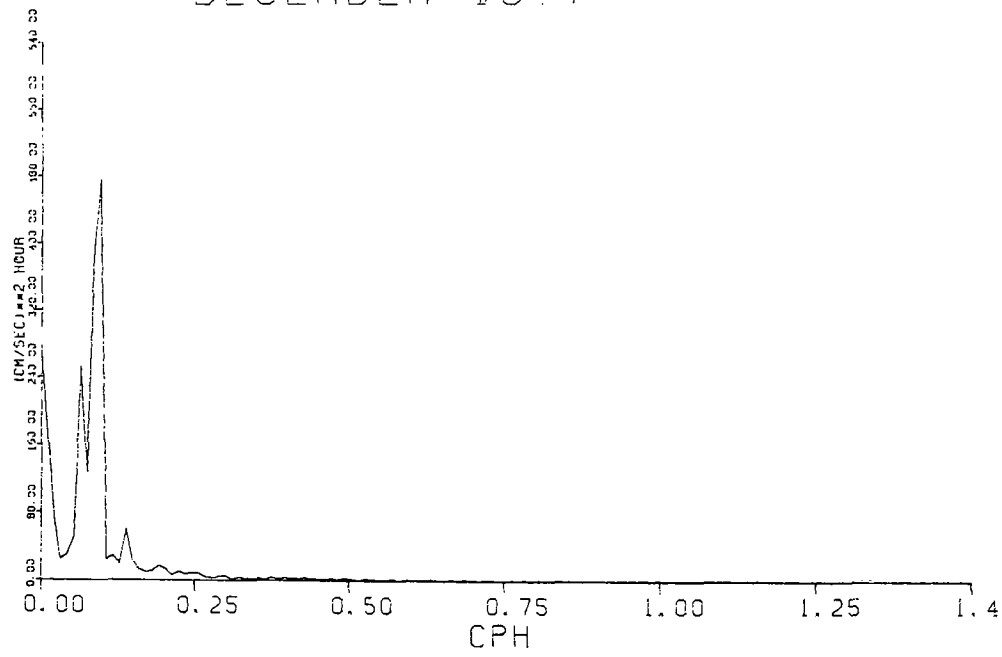
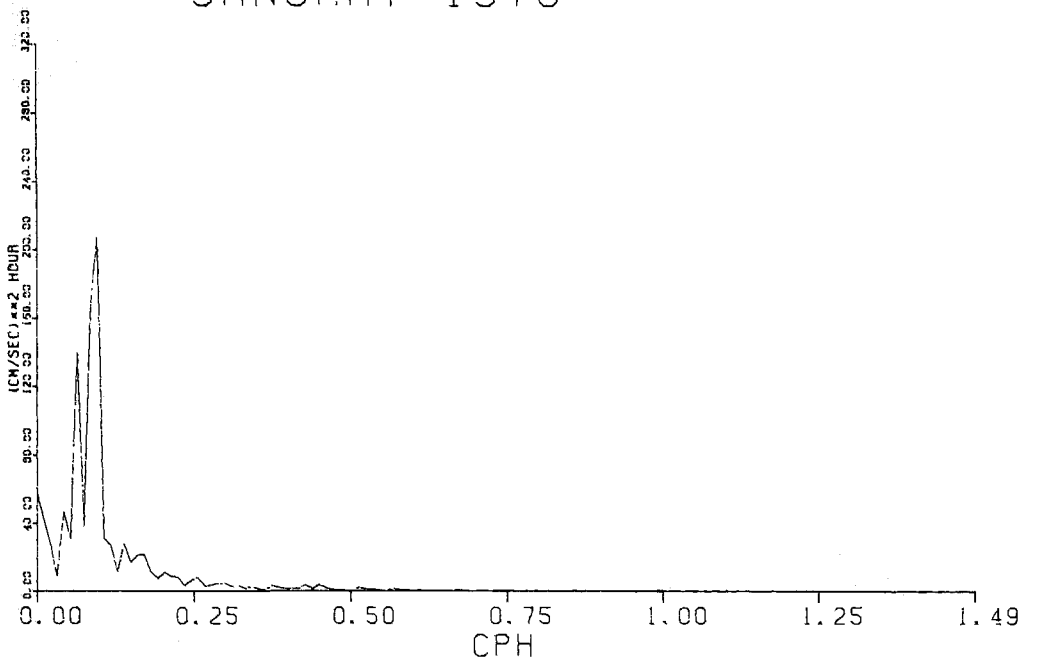


Figure E-3

AANDERAA #2830
POWER SPECTRUM NORTH CURRENT
JANUARY 1978



AANDERAA #2830
POWER SPECTRUM EAST CURRENT
JANUARY 1978

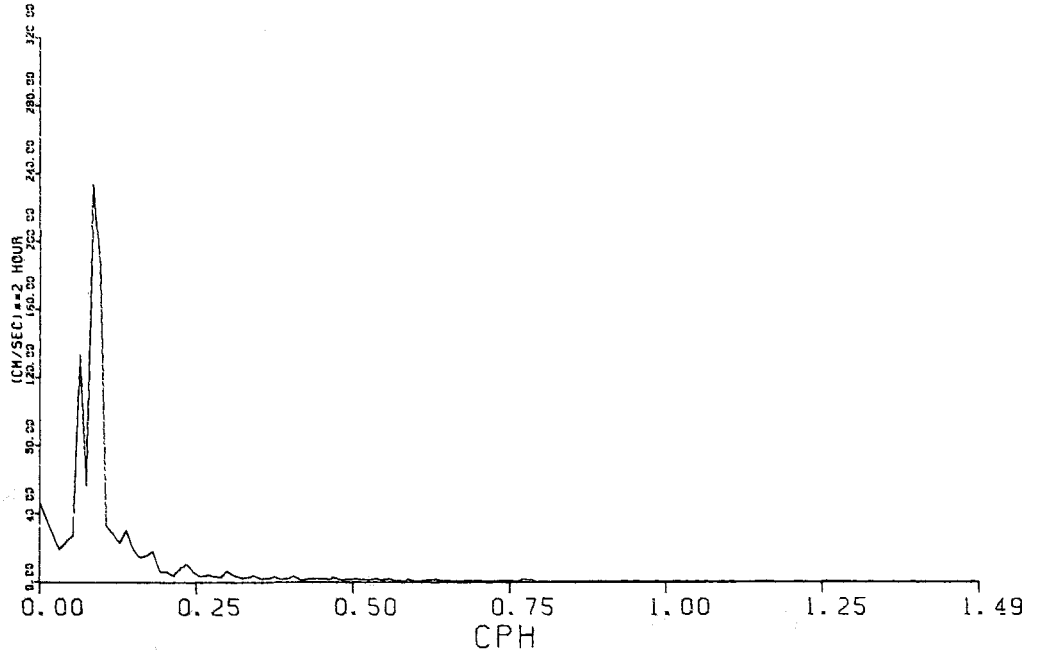
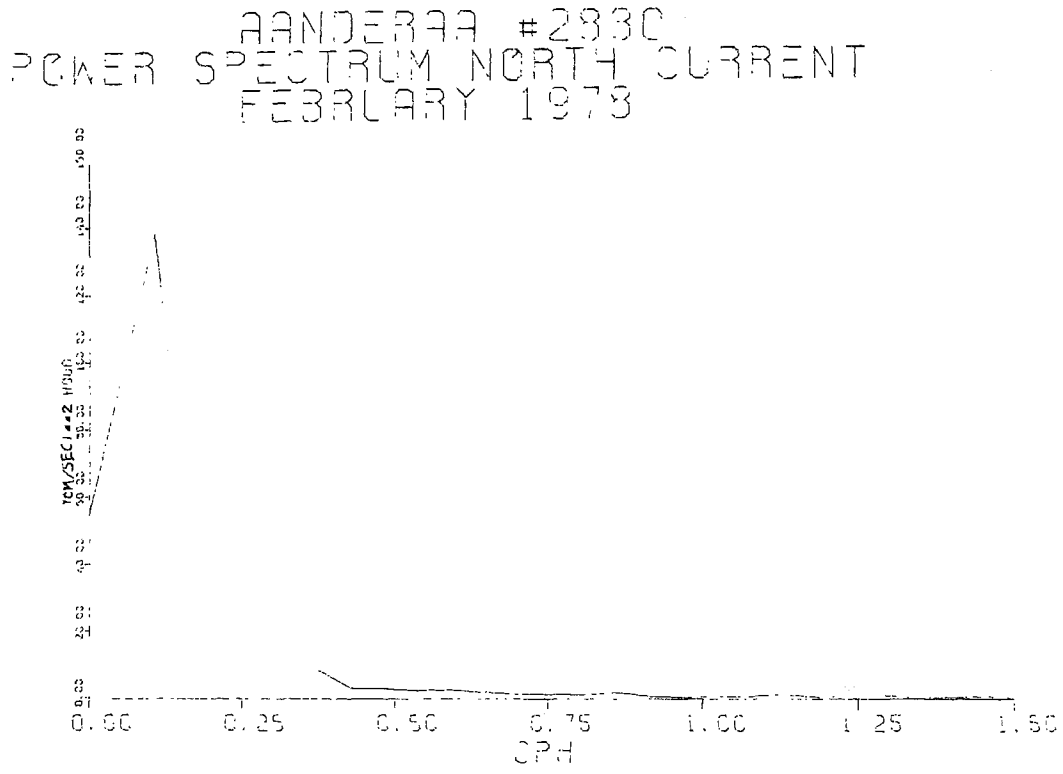


Figure E-4


AANDERAA #2330
POWER SPECTRUM NORTH CURRENT
FEBRUARY 1978
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

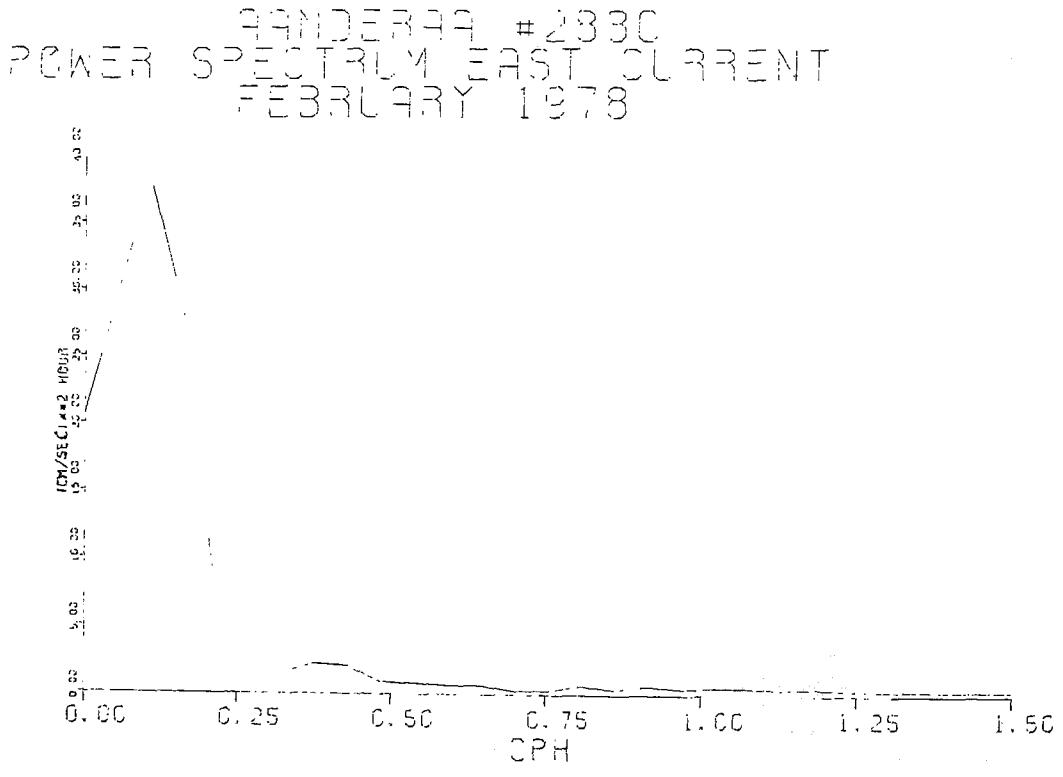
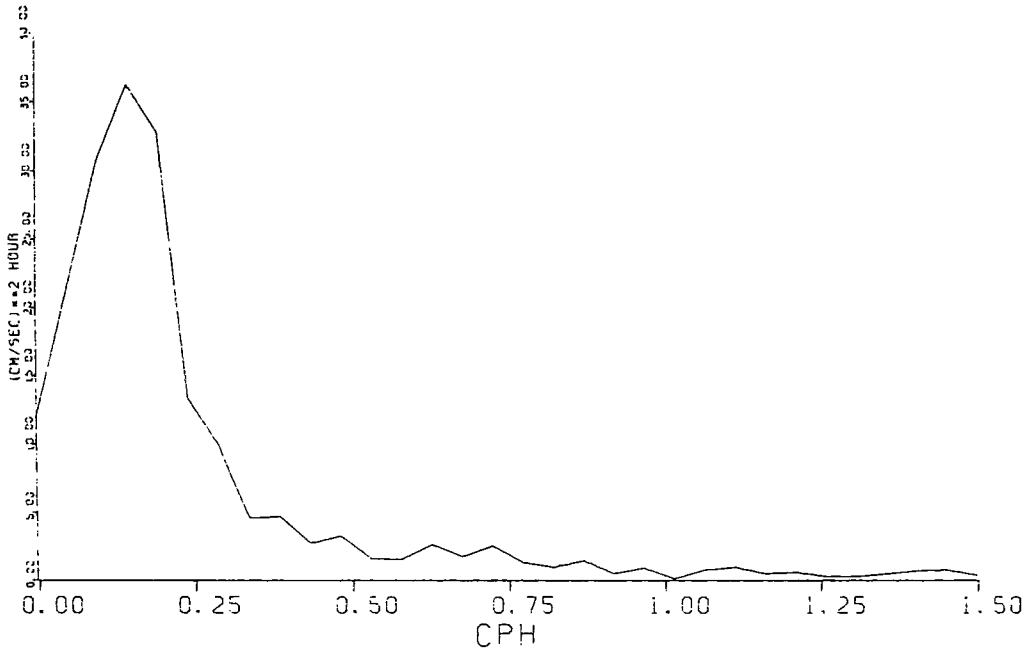

AANDERAA #2330
POWER SPECTRUM EAST CURRENT
FEBRUARY 1978
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-5

AANDERAA #2918
POWER SPECTRUM NORTH CURRENT
OCTOBER 1977



AANDERAA #2918
POWER SPECTRUM EAST CURRENT
OCTOBER 1977

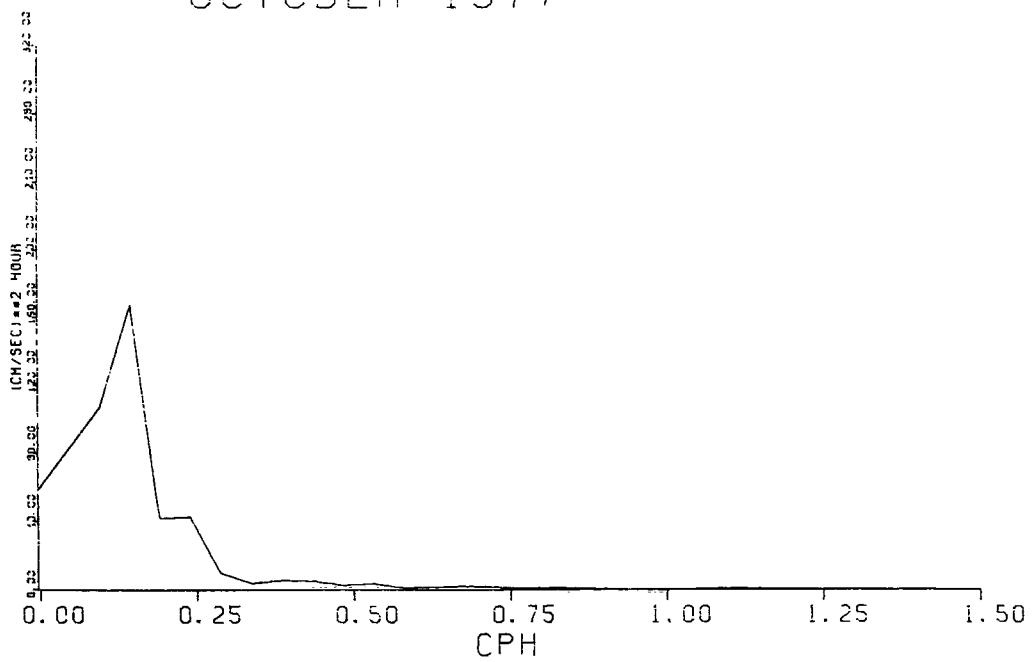
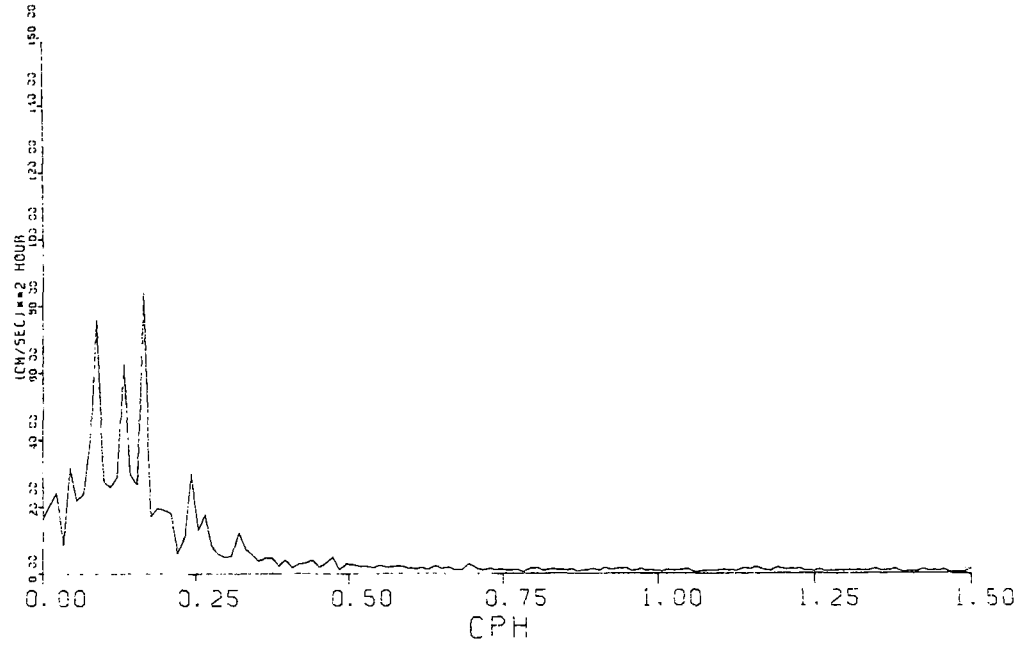


Figure E-6

AANDERAA #2918
POWER SPECTRUM NORTH CURRENT
NOVEMBER 1977



AANDERAA #2918
POWER SPECTRUM EAST CURRENT
NOVEMBER 1977

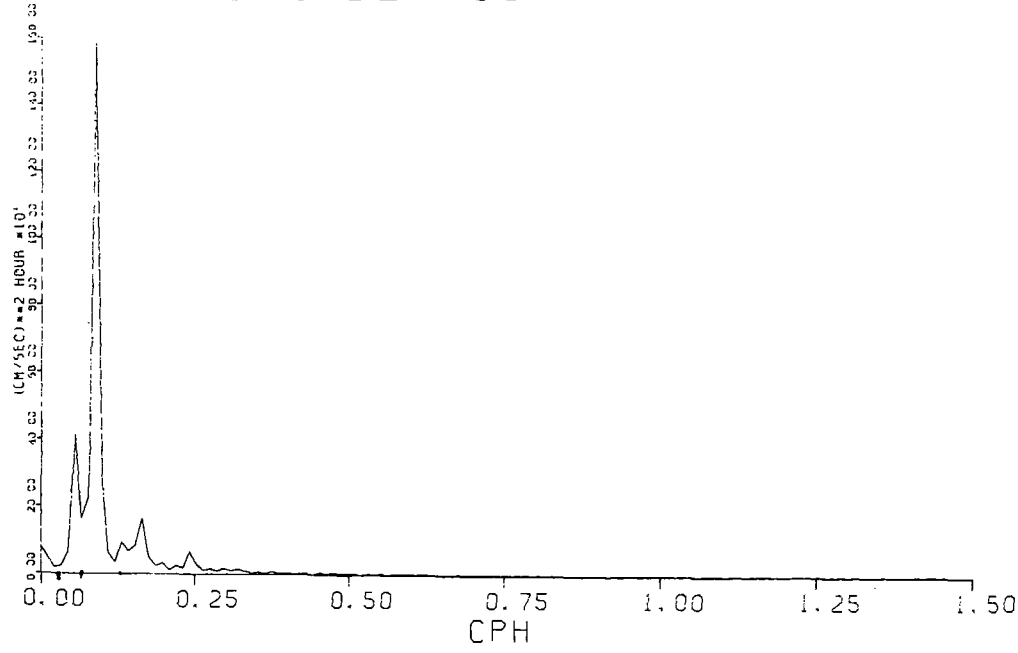
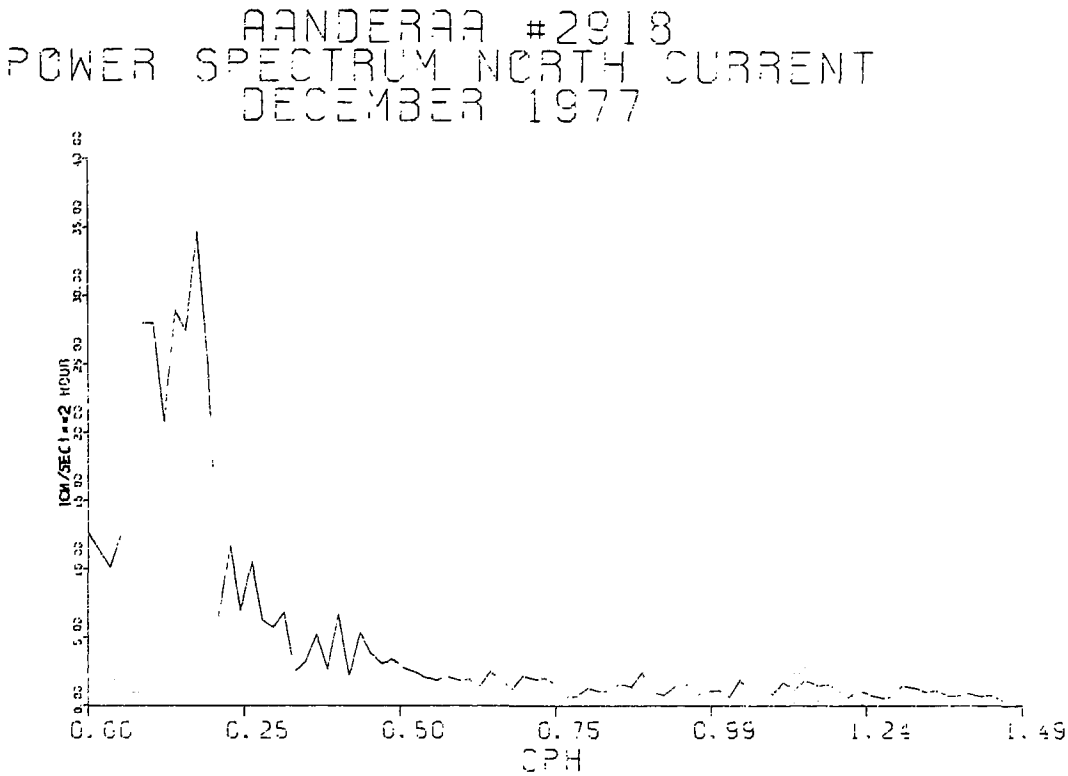


Figure E-7


AANDERAA #2918
POWER SPECTRUM NORTH CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
0.99
1.24
1.49
CPH

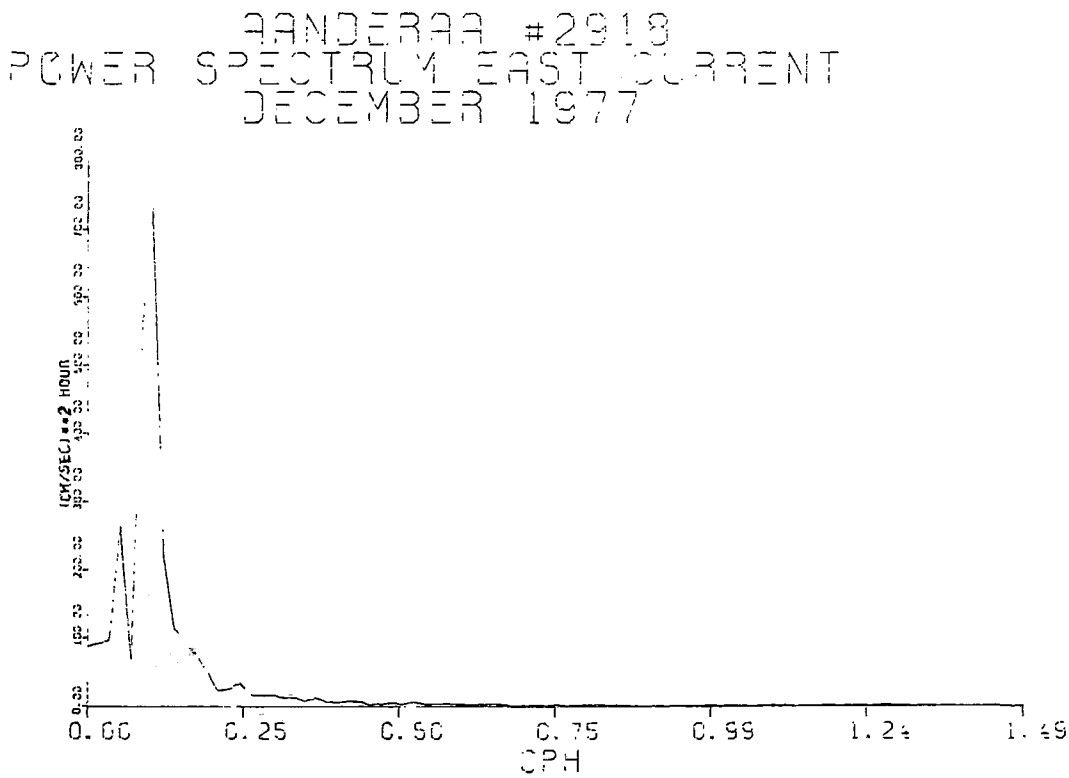
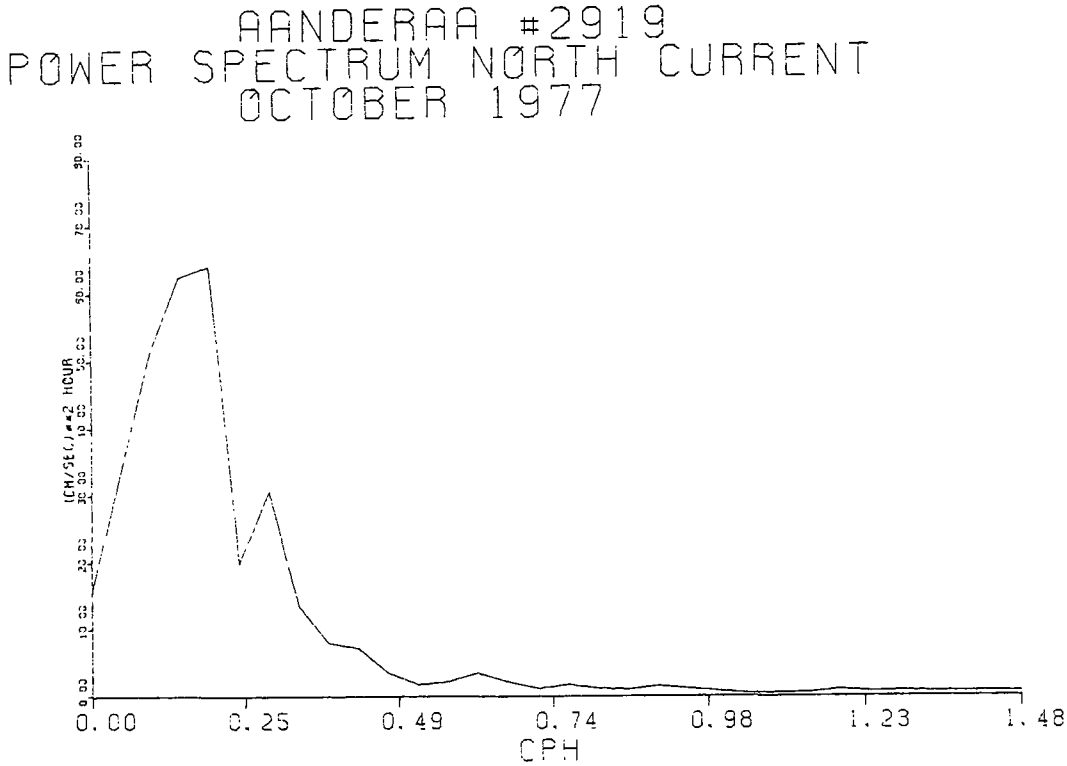

AANDERAA #2918
POWER SPECTRUM EAST CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
0.99
1.24
1.49
CPH

Figure E-8


AANDERAA #2919
POWER SPECTRUM NORTH CURRENT
OCTOBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.49
0.74
0.98
1.23
1.48
CPH

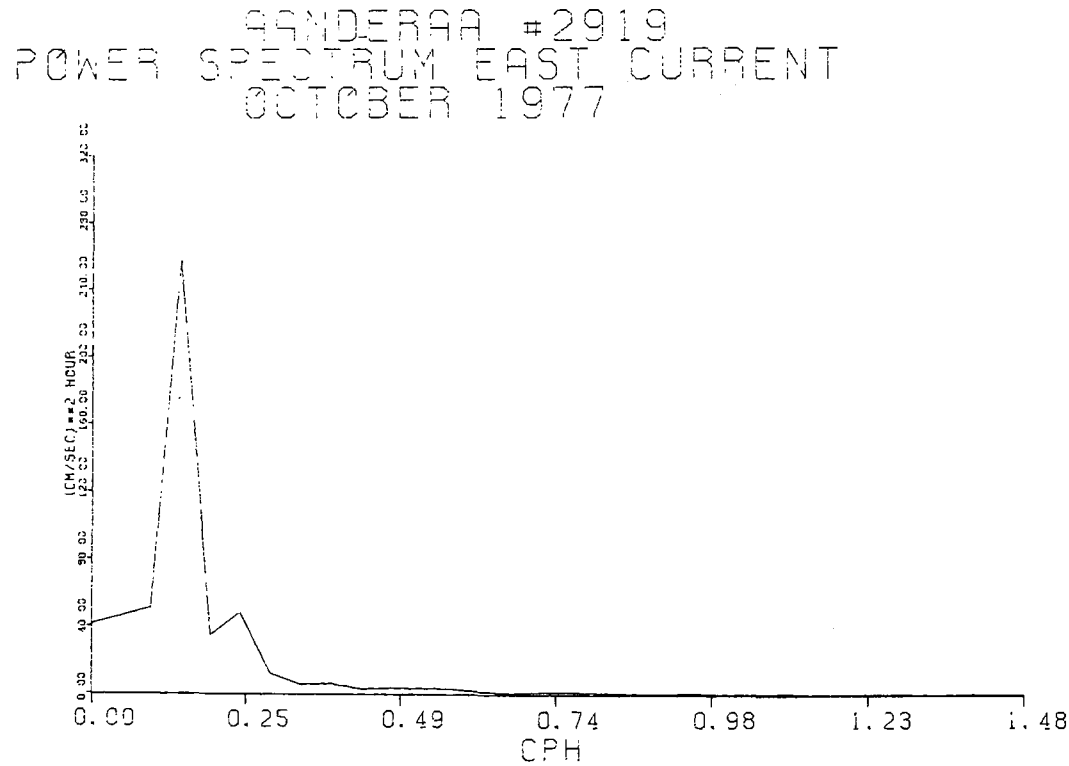
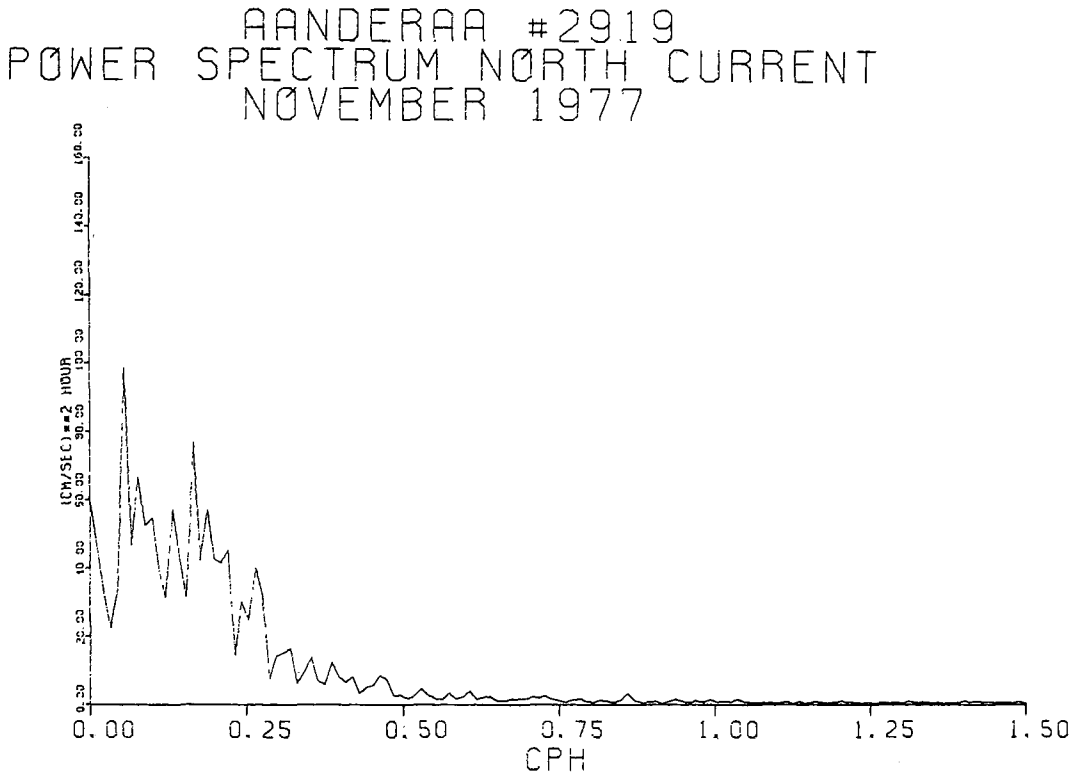

AANDERAA #2919
POWER SPECTRUM EAST CURRENT
OCTOBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.49
0.74
0.98
1.23
1.48
CPH

Figure E-9


AANDERAA #2919
POWER SPECTRUM NORTH CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

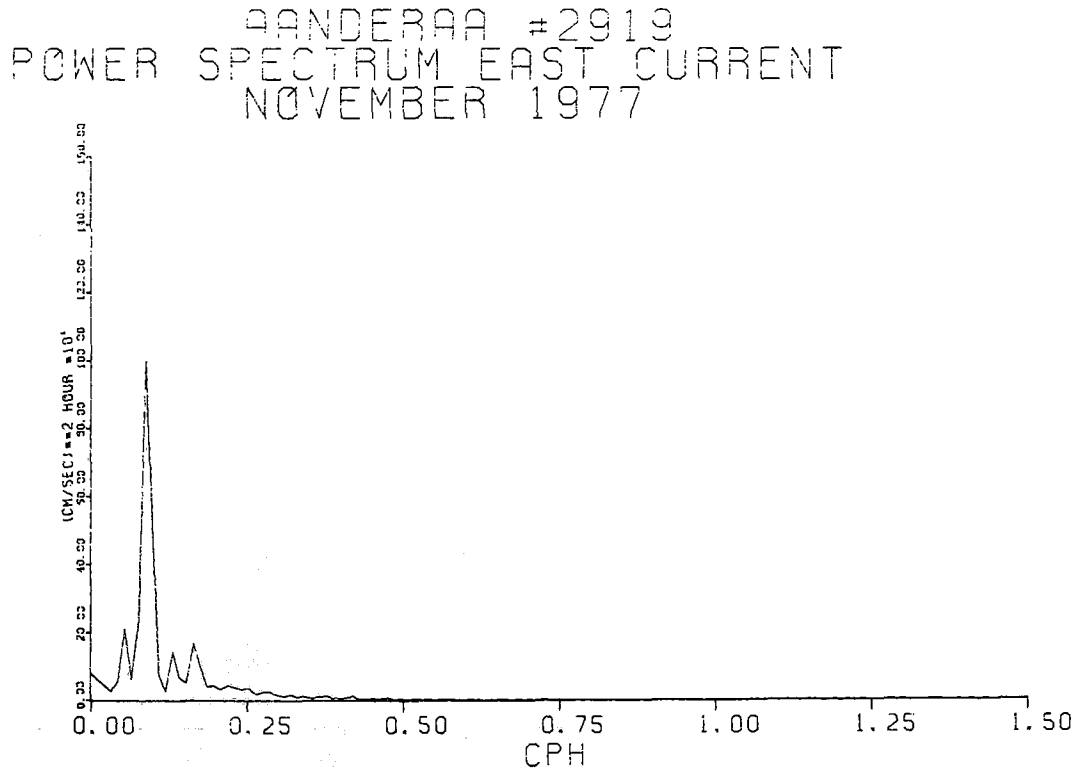
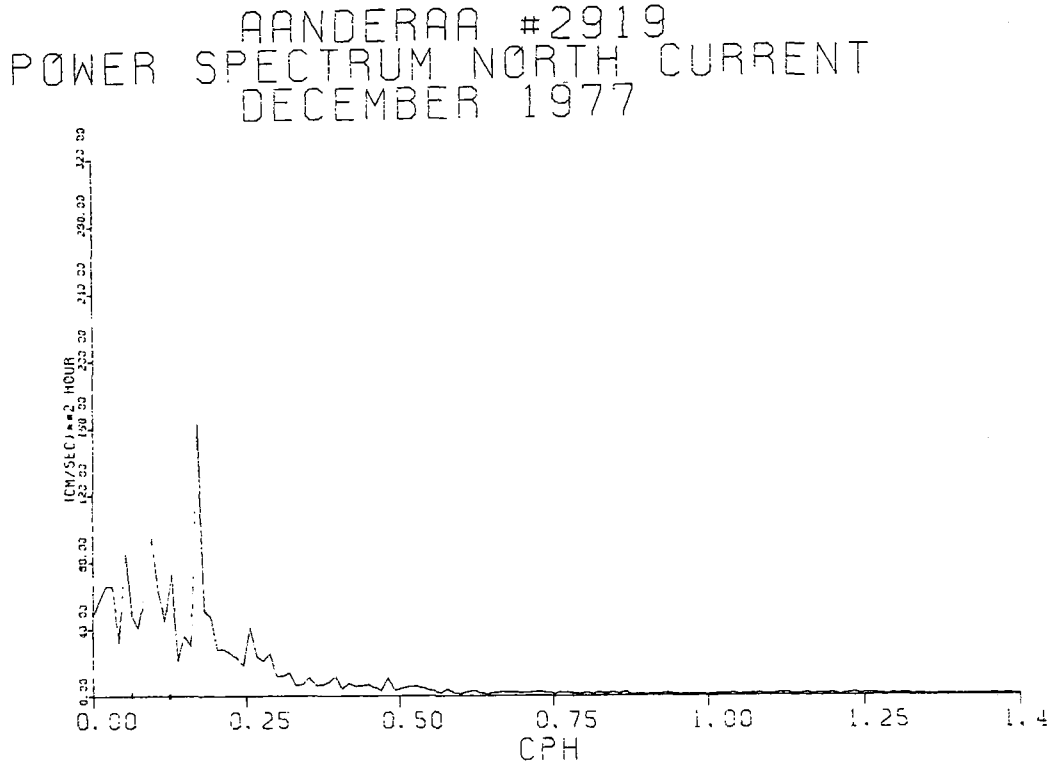

AANDERAA #2919
POWER SPECTRUM EAST CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR *10¹
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-10


AANDERAA #2919
POWER SPECTRUM NORTH CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.49
CPH

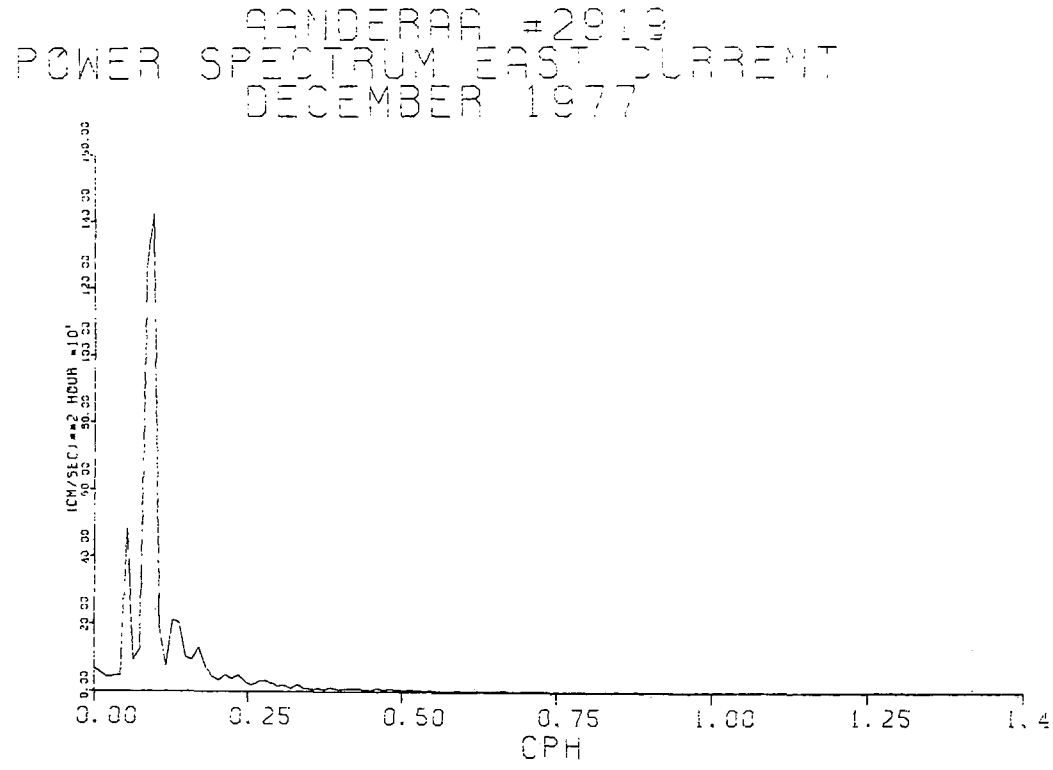
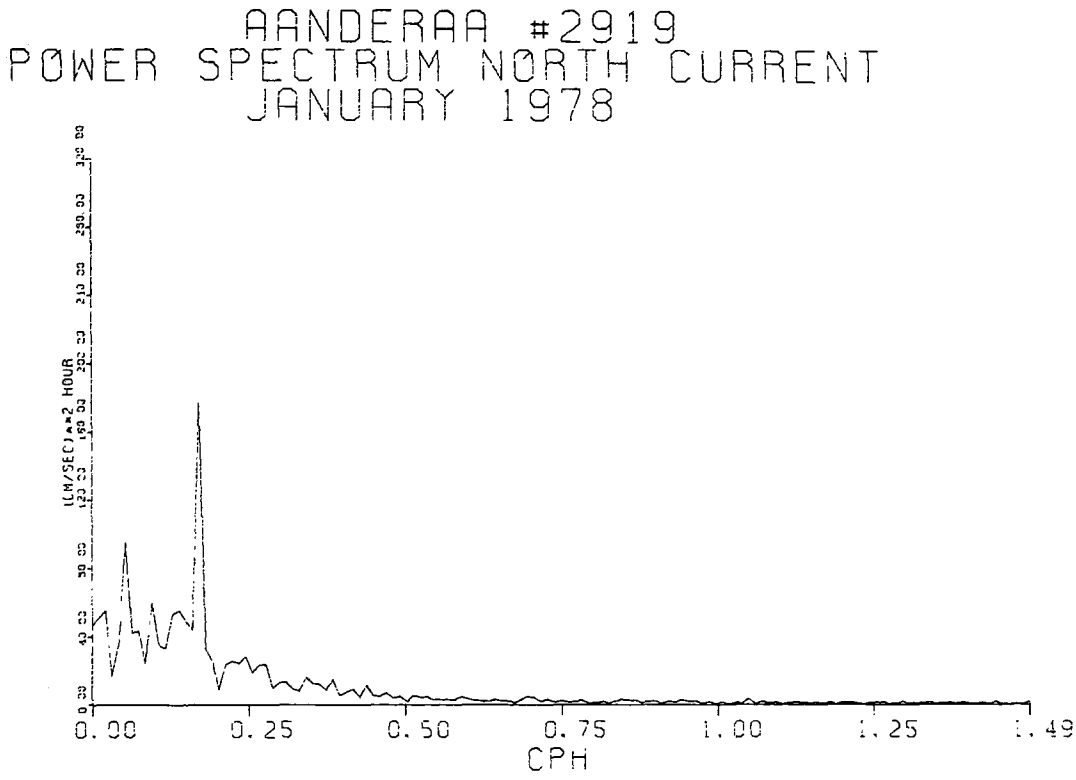

AANDERAA #2919
POWER SPECTRUM EAST CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR *10'
0.00
0.25
0.50
0.75
1.00
1.25
1.49
CPH

Figure E-11


AANDERAA #2919
POWER SPECTRUM NORTH CURRENT
JANUARY 1978
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.49
CPH

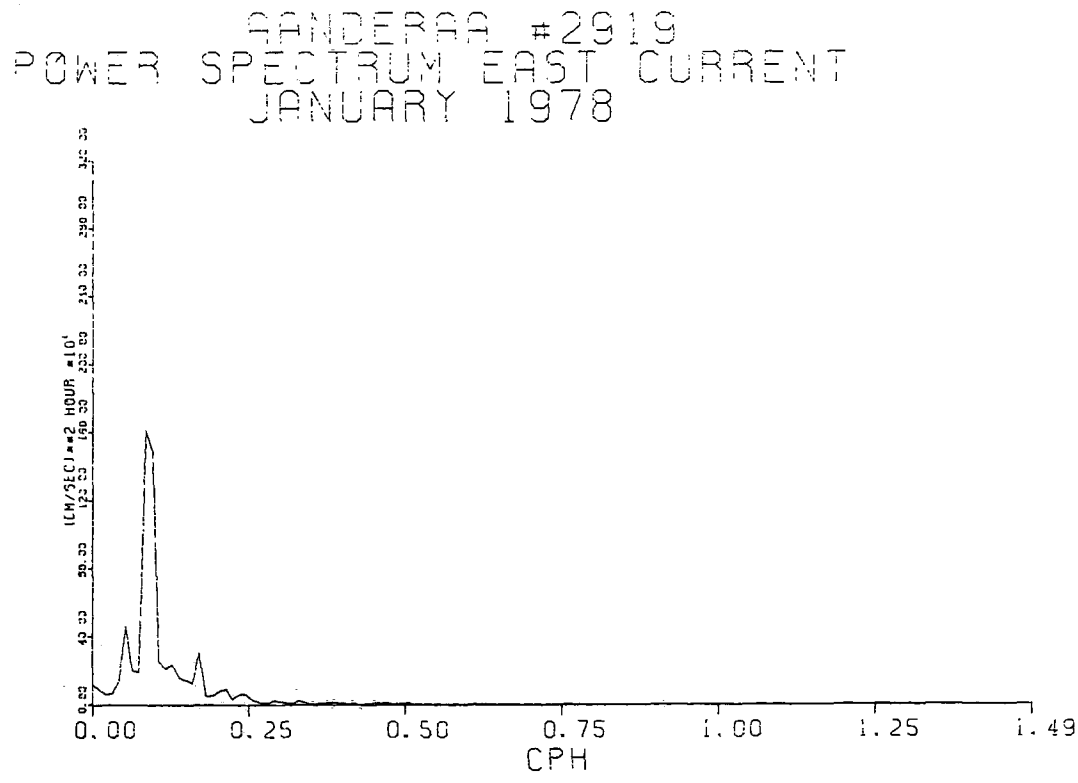
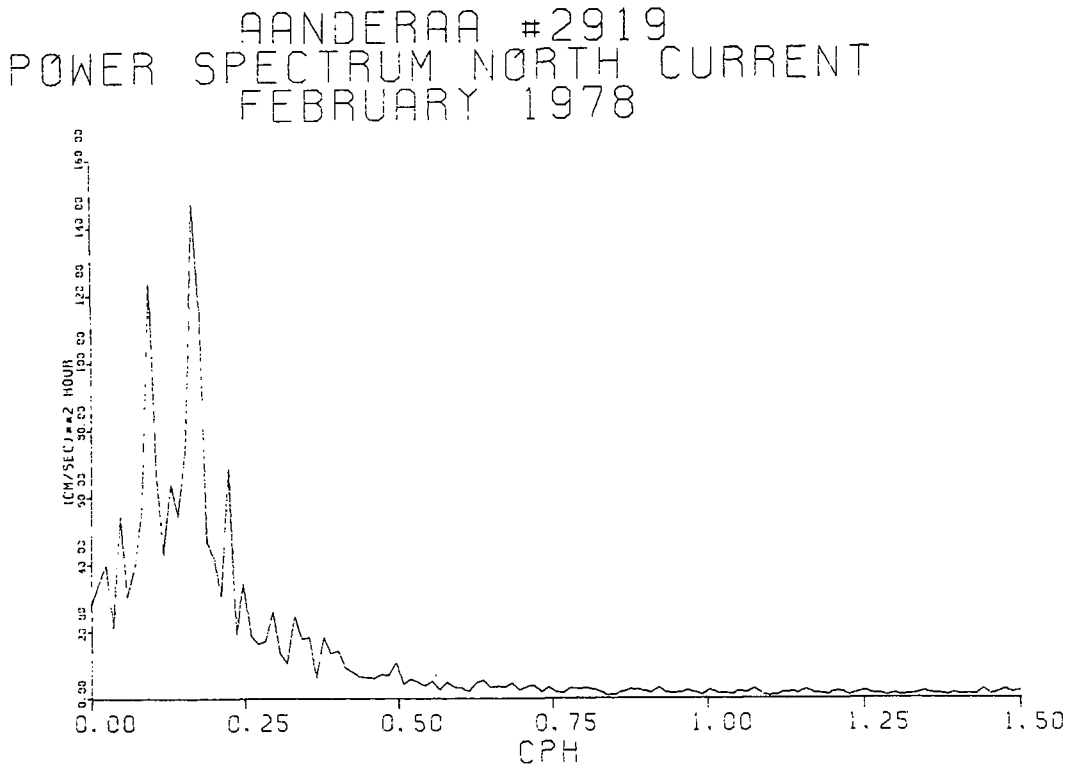

AANDERAA #2919
POWER SPECTRUM EAST CURRENT
JANUARY 1978
(CM/SEC)**2 HOUR *10¹
0.00
0.25
0.50
0.75
1.00
1.25
1.49
CPH

Figure E-12


AANDERAA #2919
POWER SPECTRUM NORTH CURRENT
FEBRUARY 1978
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

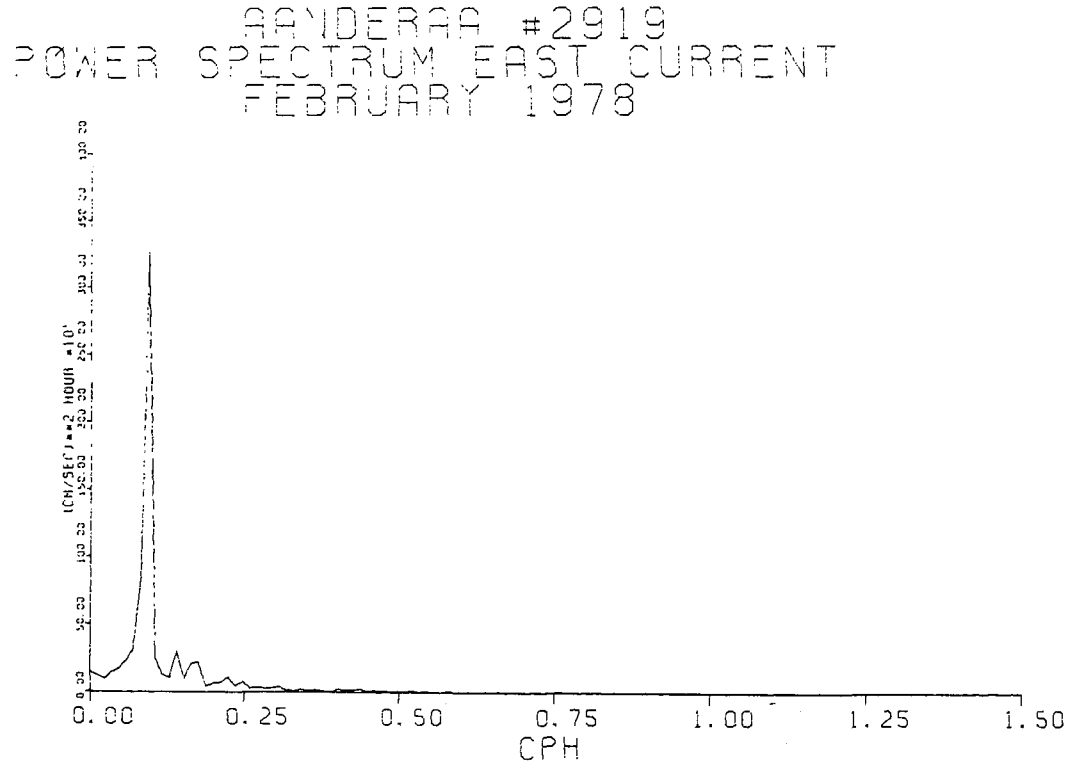
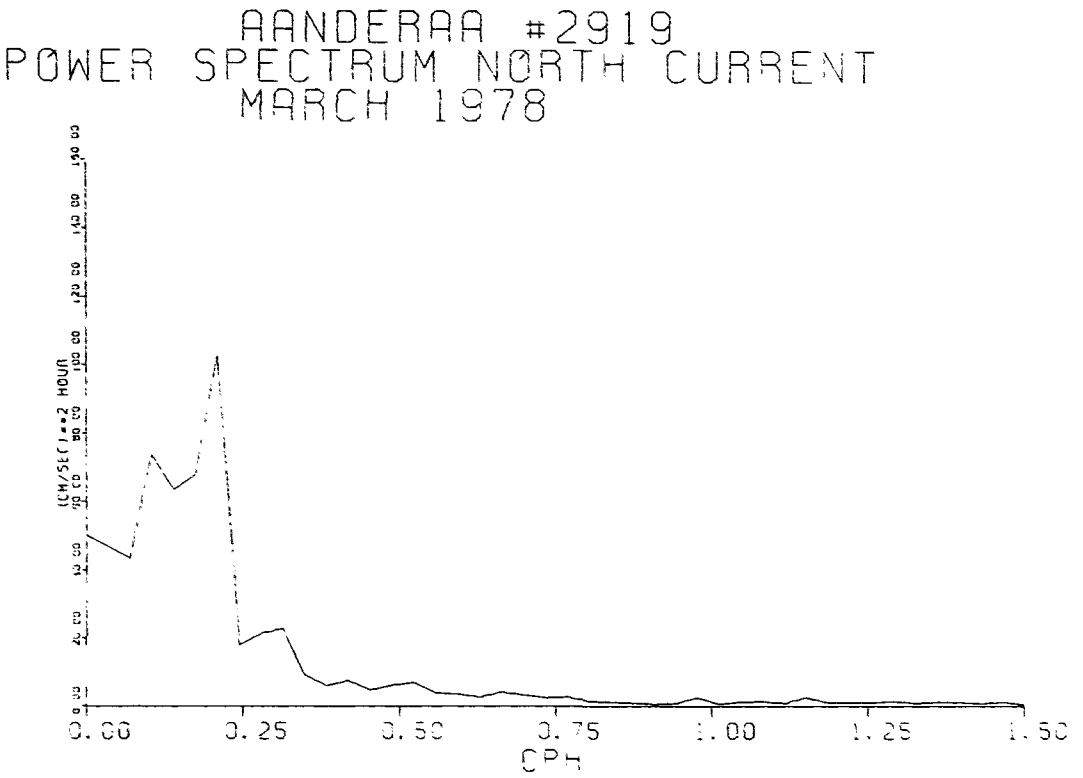

AANDERAA #2919
POWER SPECTRUM EAST CURRENT
FEBRUARY 1978
(CM/SEC)**2 HOUR *10'
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-13


AANDERAA #2919
POWER SPECTRUM NORTH CURRENT
MARCH 1978
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

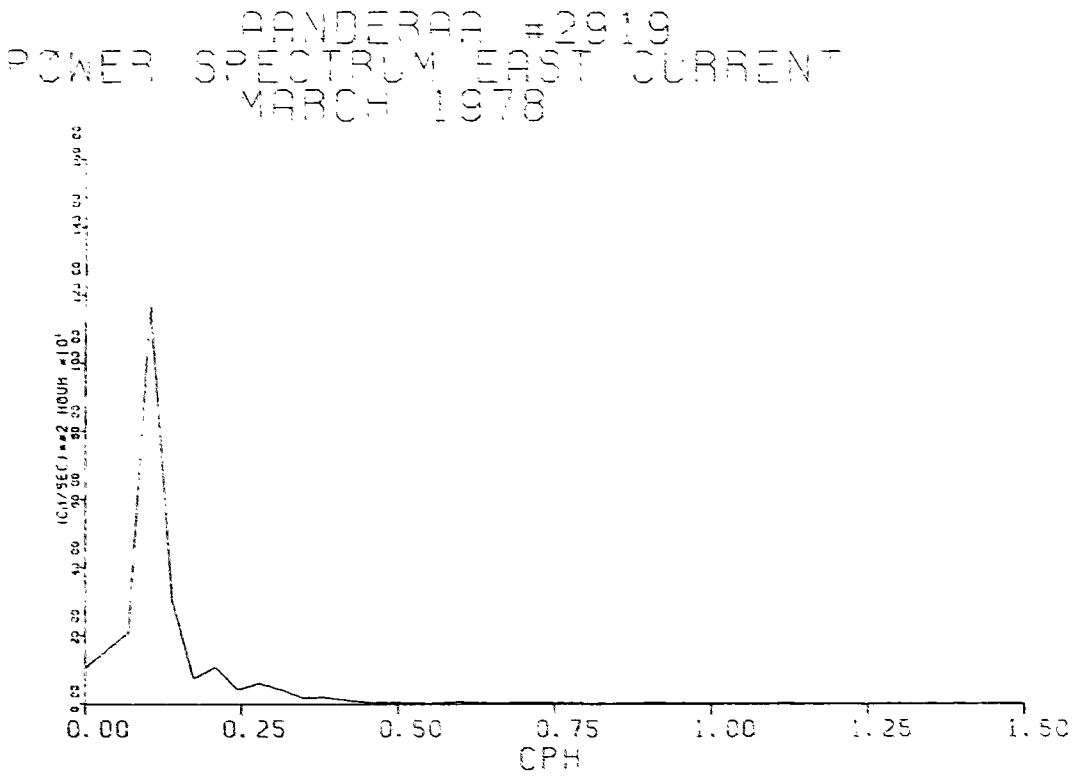
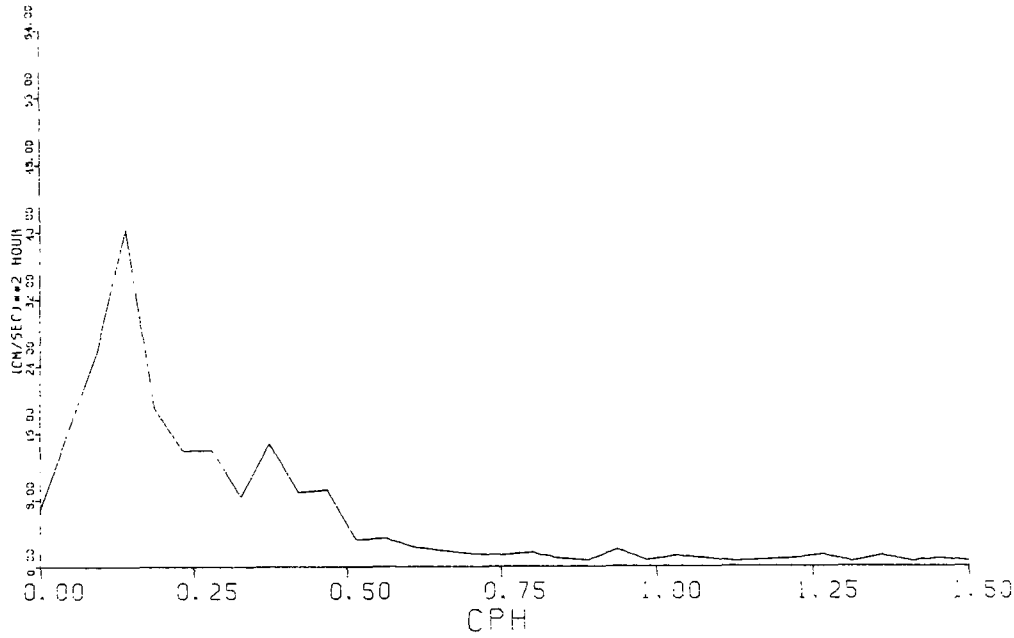

AANDERAA #2919
POWER SPECTRUM EAST CURRENT
MARCH 1978
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-14

AANDERAA #2920
POWER SPECTRUM NORTH CURRENT
OCTOBER 1977



AANDERAA #2920
POWER SPECTRUM EAST CURRENT
OCTOBER 1977

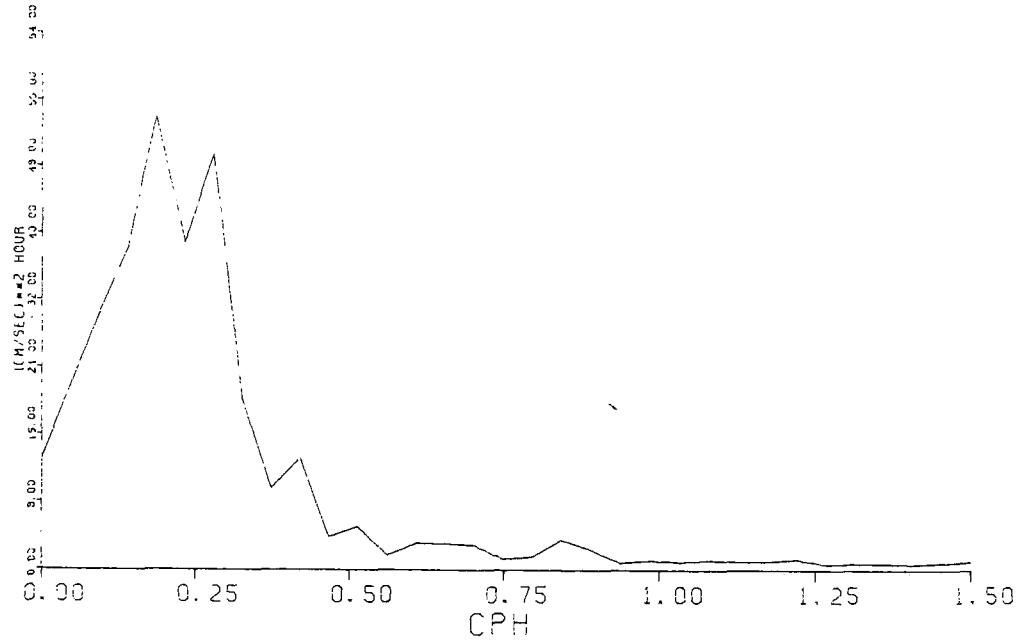
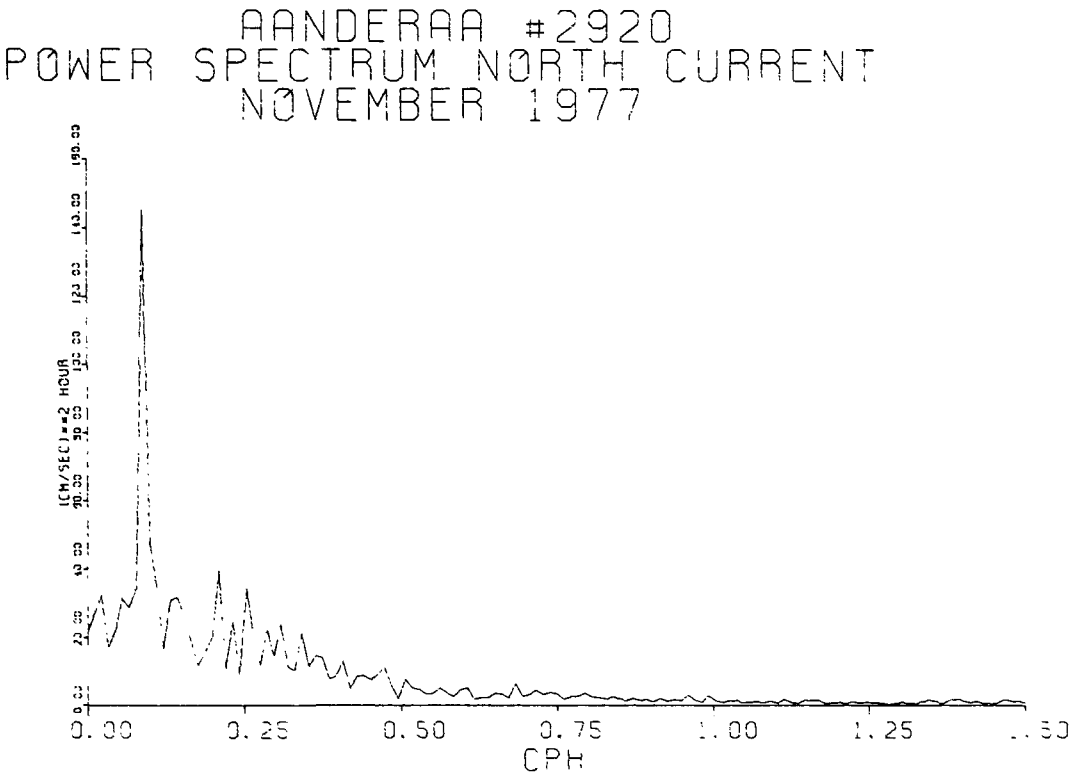


Figure E-15


AANDERAA #2920
POWER SPECTRUM NORTH CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
CPH

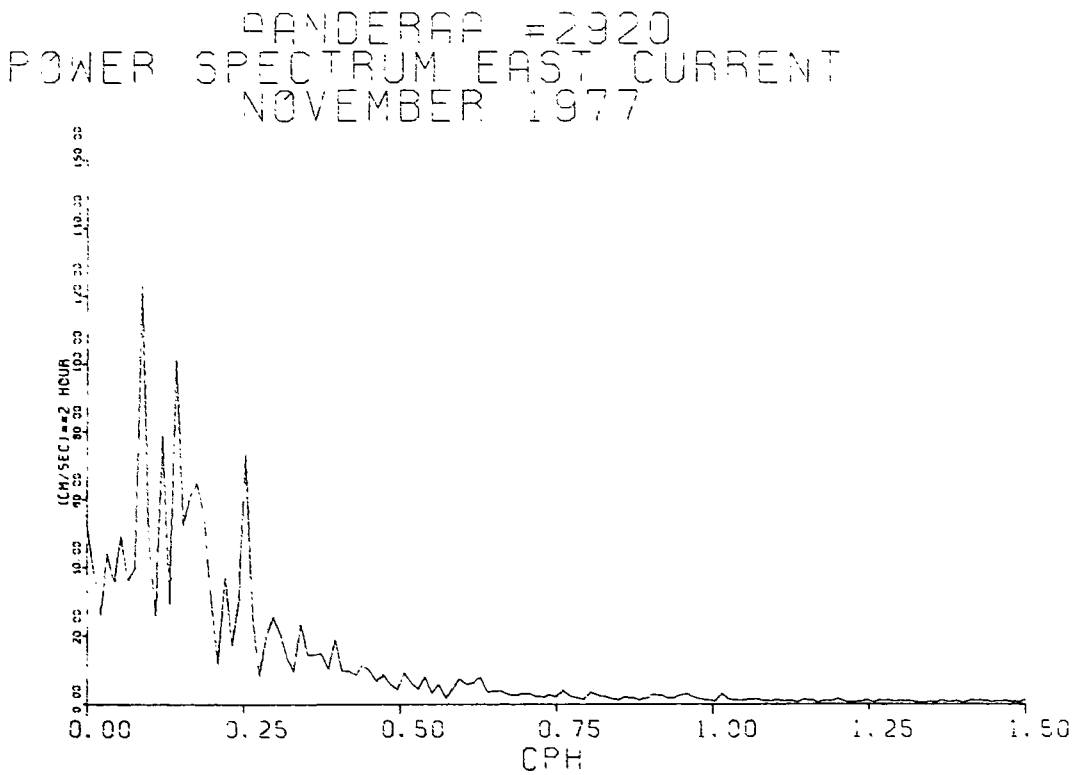
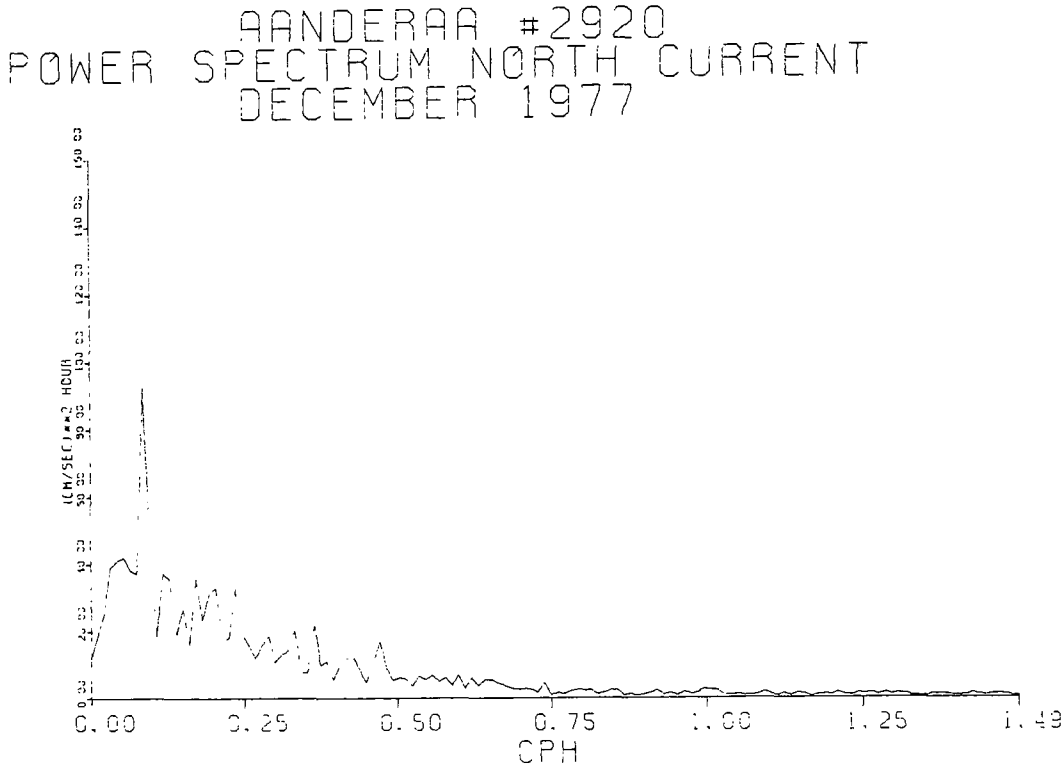

AANDERAA #2920
POWER SPECTRUM EAST CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-16


AANDERAA #2920
POWER SPECTRUM NORTH CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.49
CPH

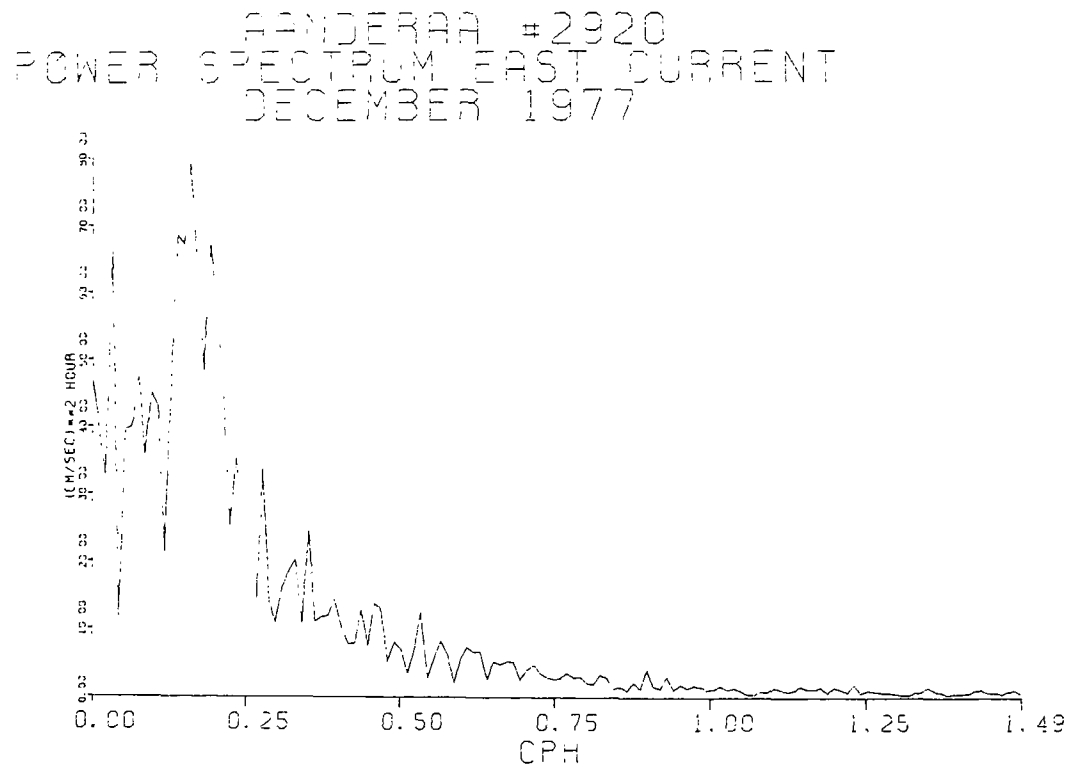
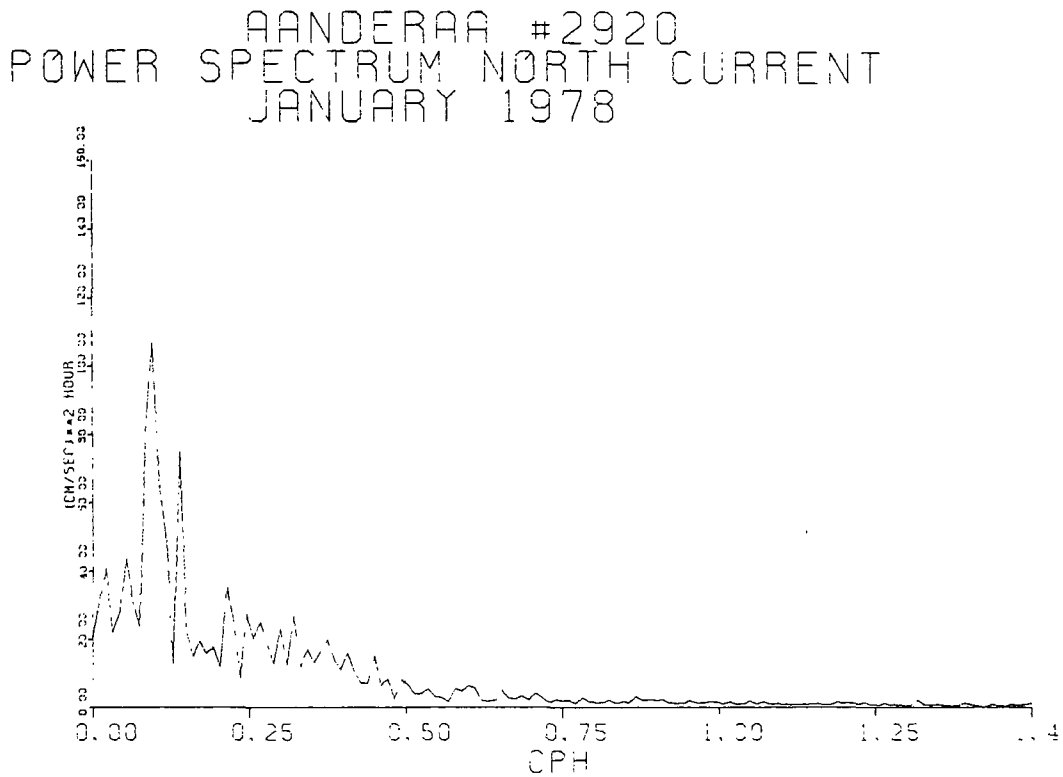

AANDERAA #2920
POWER SPECTRUM EAST CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.49
CPH

Figure E-17


AANDERAA #2920
POWER SPECTRUM NORTH CURRENT
JANUARY 1978
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
CPH

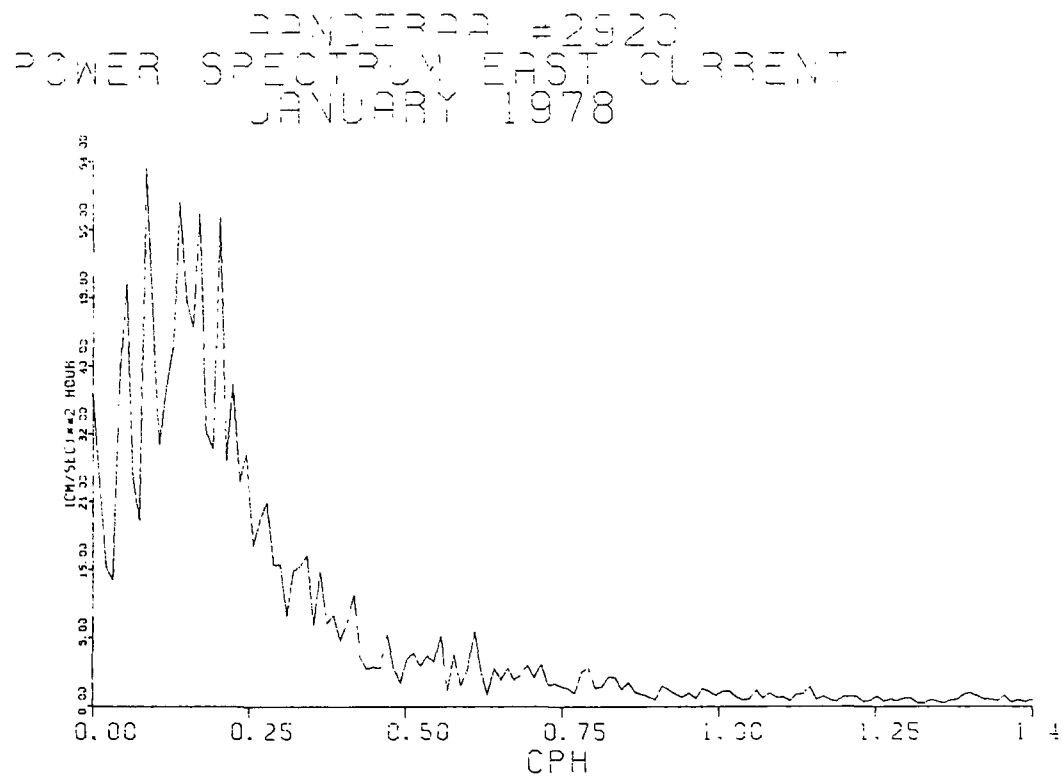
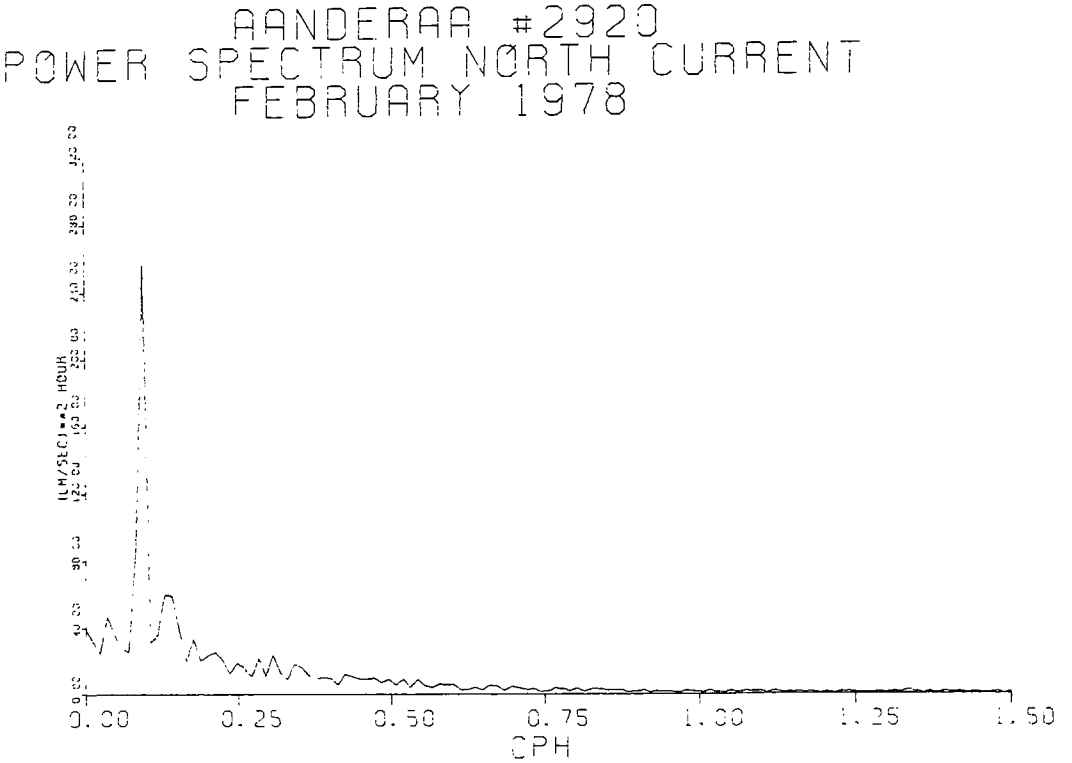

AANDERAA #2920
POWER SPECTRUM EAST CURRENT
JANUARY 1978
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
CPH

Figure E-18


AANDERAA #2920
POWER SPECTRUM NORTH CURRENT
FEBRUARY 1978
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

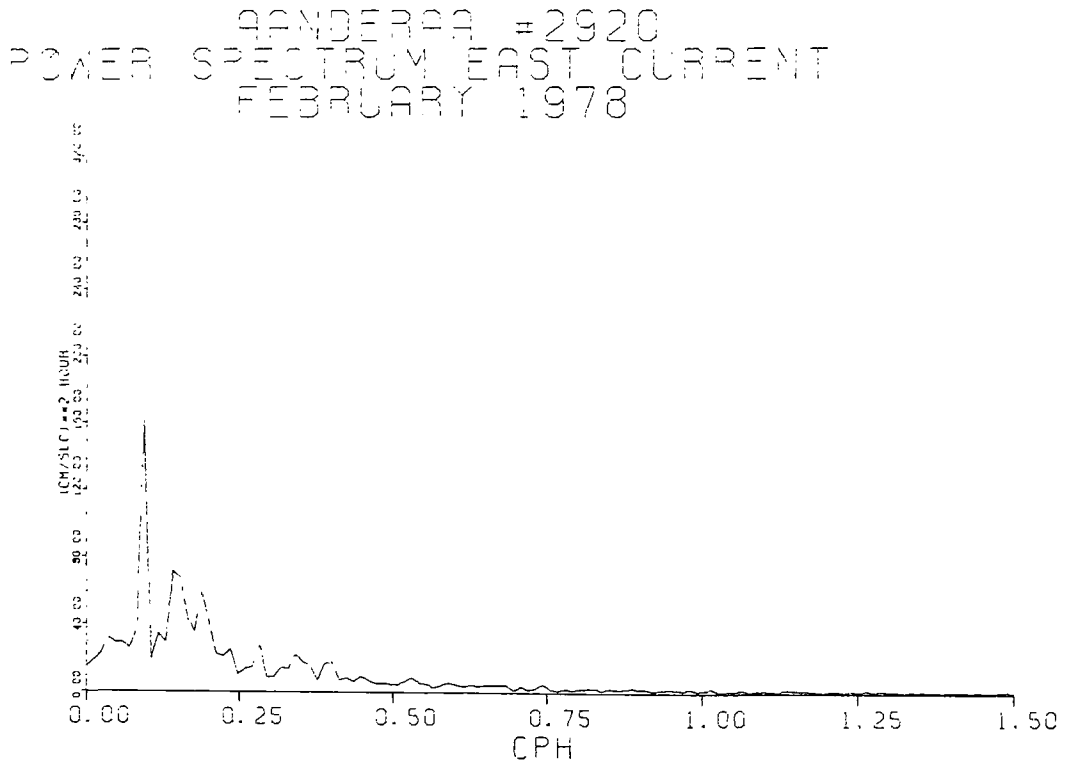
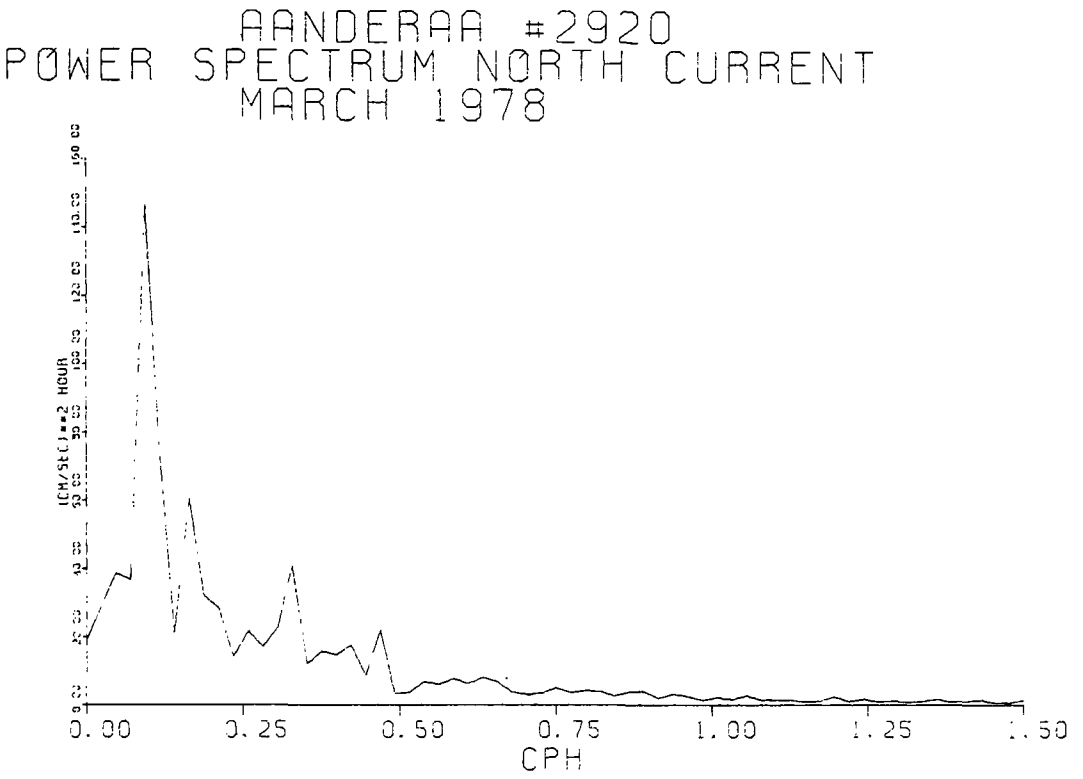

AANDERAA #2920
POWER SPECTRUM EAST CURRENT
FEBRUARY 1978
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-19


AANDERAA #2920
POWER SPECTRUM NORTH CURRENT
MARCH 1978
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

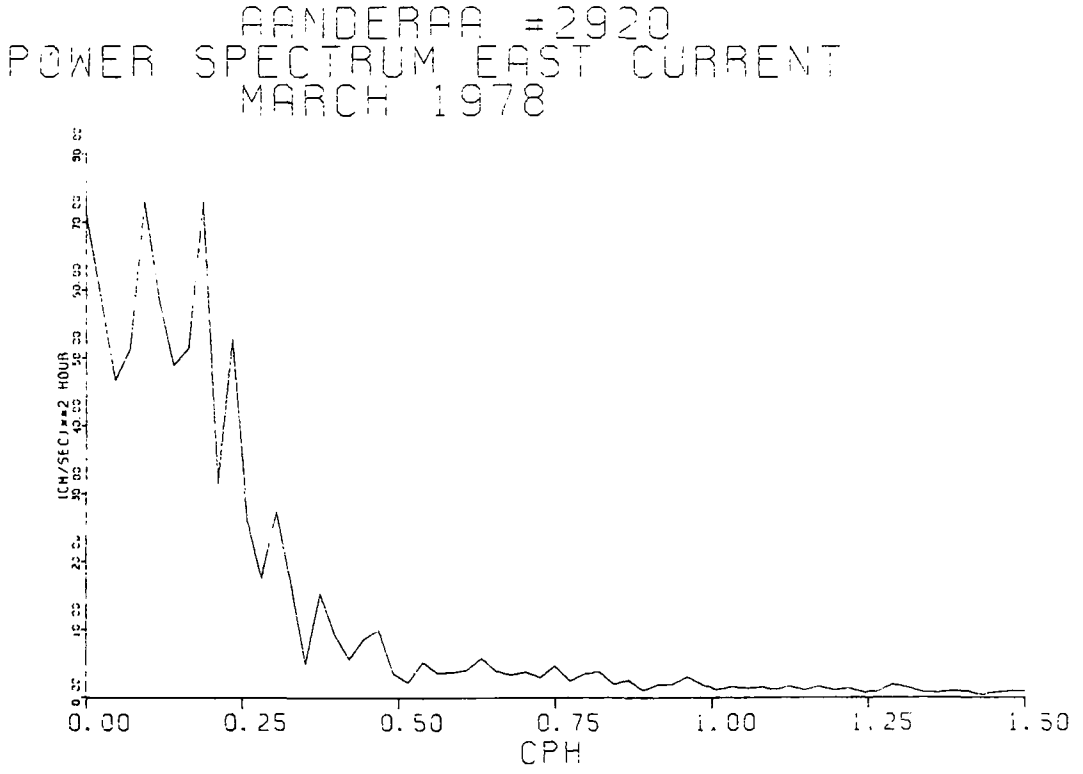
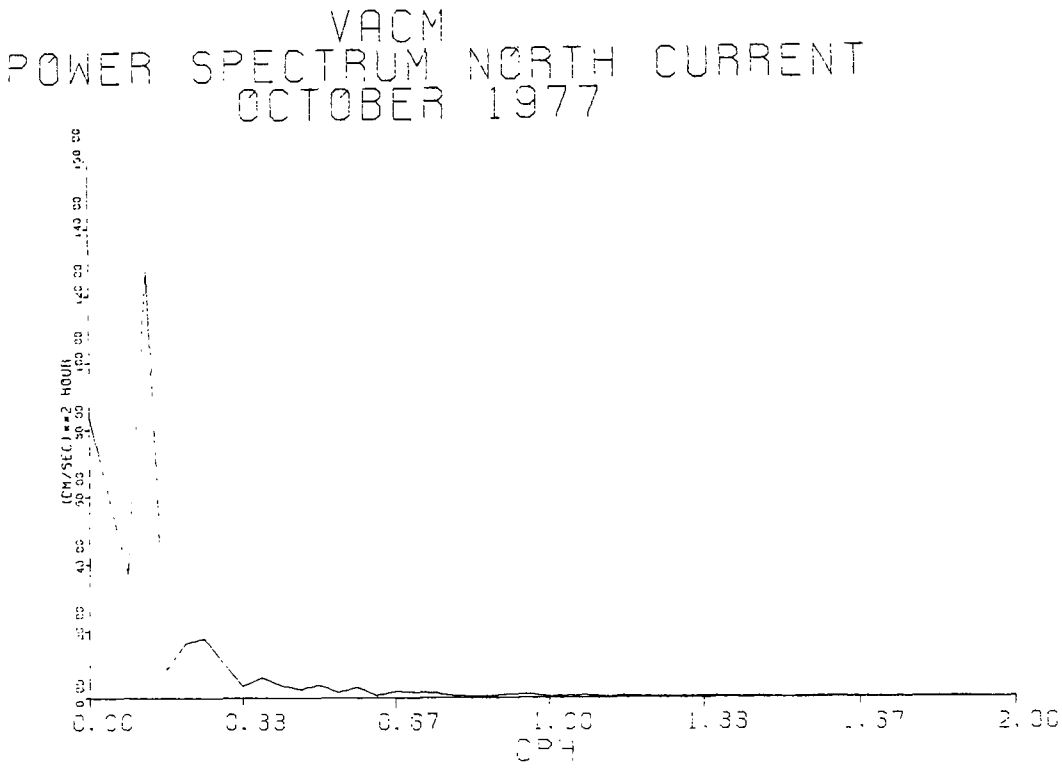

AANDERAA #2920
POWER SPECTRUM EAST CURRENT
MARCH 1978
(CM/SEC)**2 HOUR
0.00
0.25
0.50
0.75
1.00
1.25
1.50
CPH

Figure E-20


VACM
POWER SPECTRUM NORTH CURRENT
OCTOBER 1977
0.00
0.33
0.67
1.00
1.33
2.00
CPH

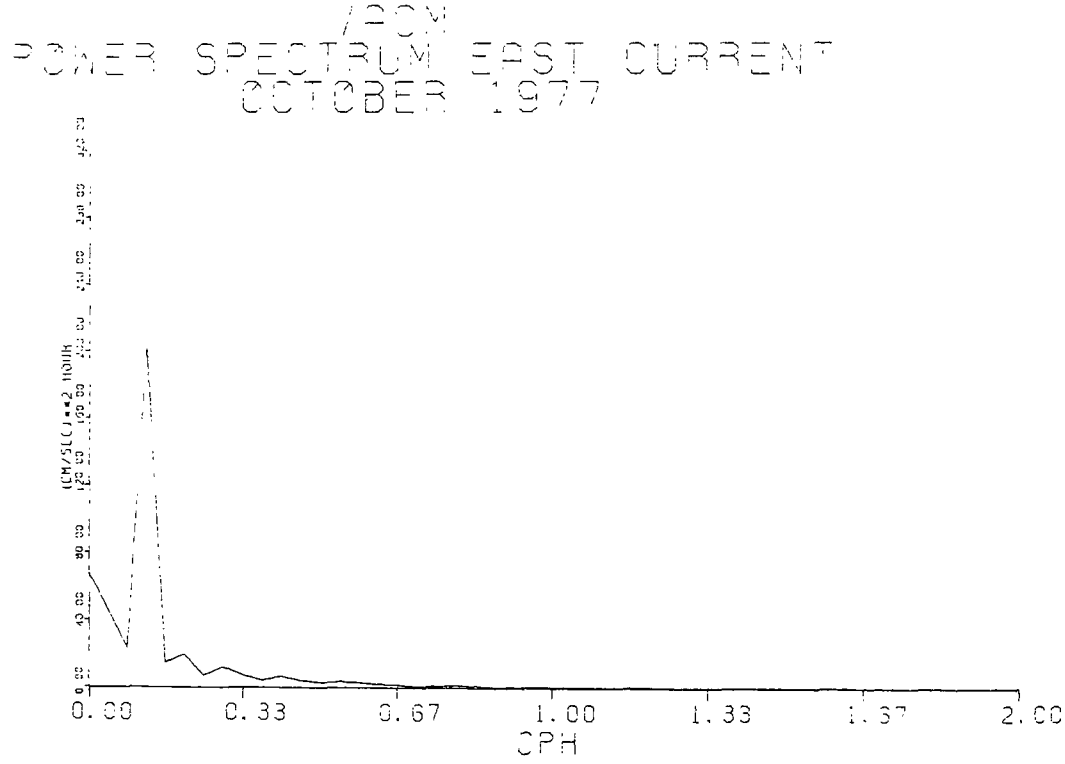
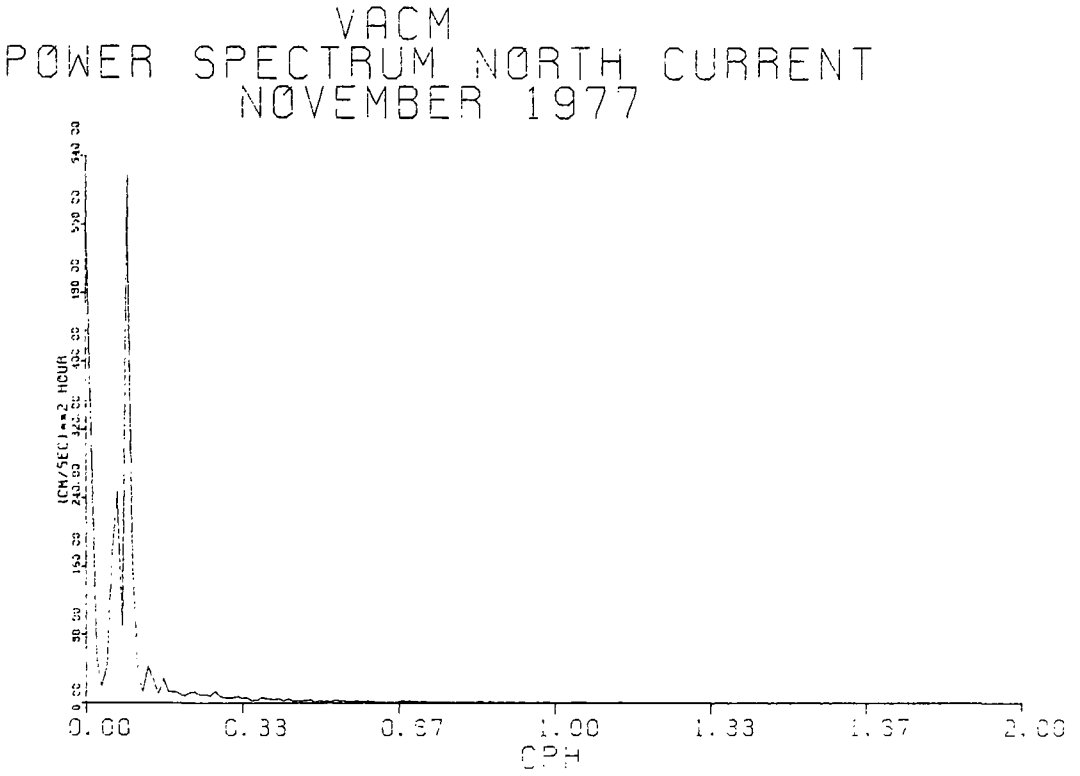

POWER SPECTRUM EAST CURRENT
OCTOBER 1977
0.00
0.33
0.67
1.00
1.33
2.00
CPH

Figure E-21


VACM
POWER SPECTRUM NORTH CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

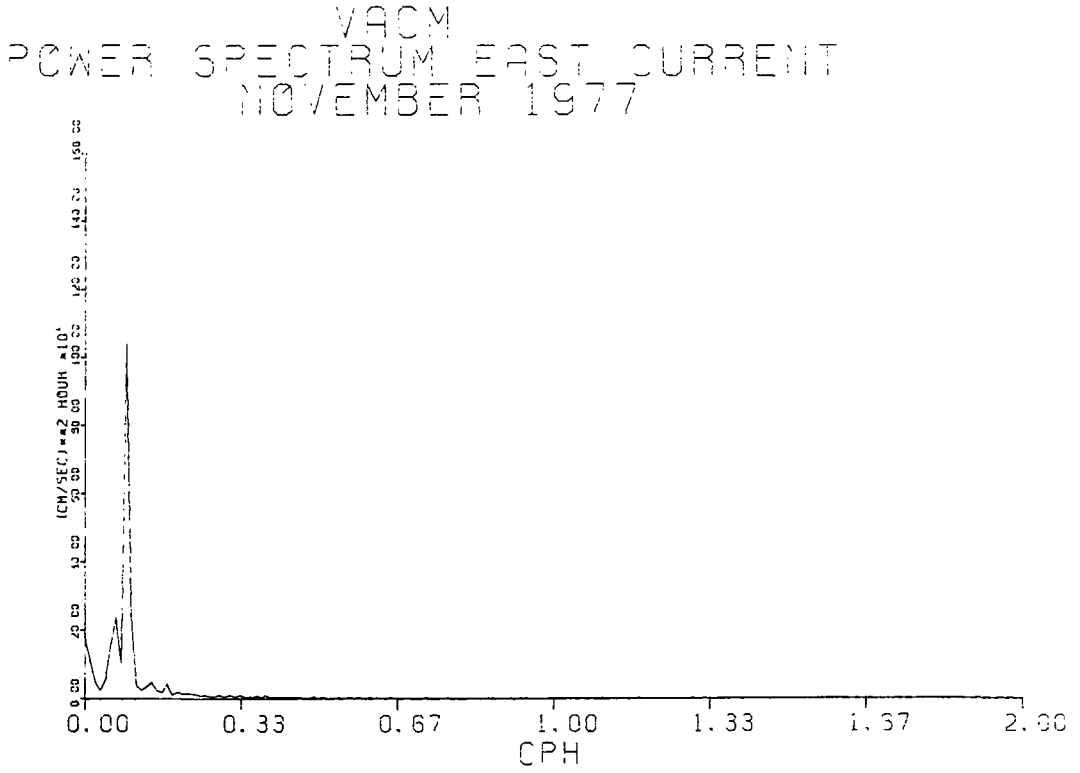
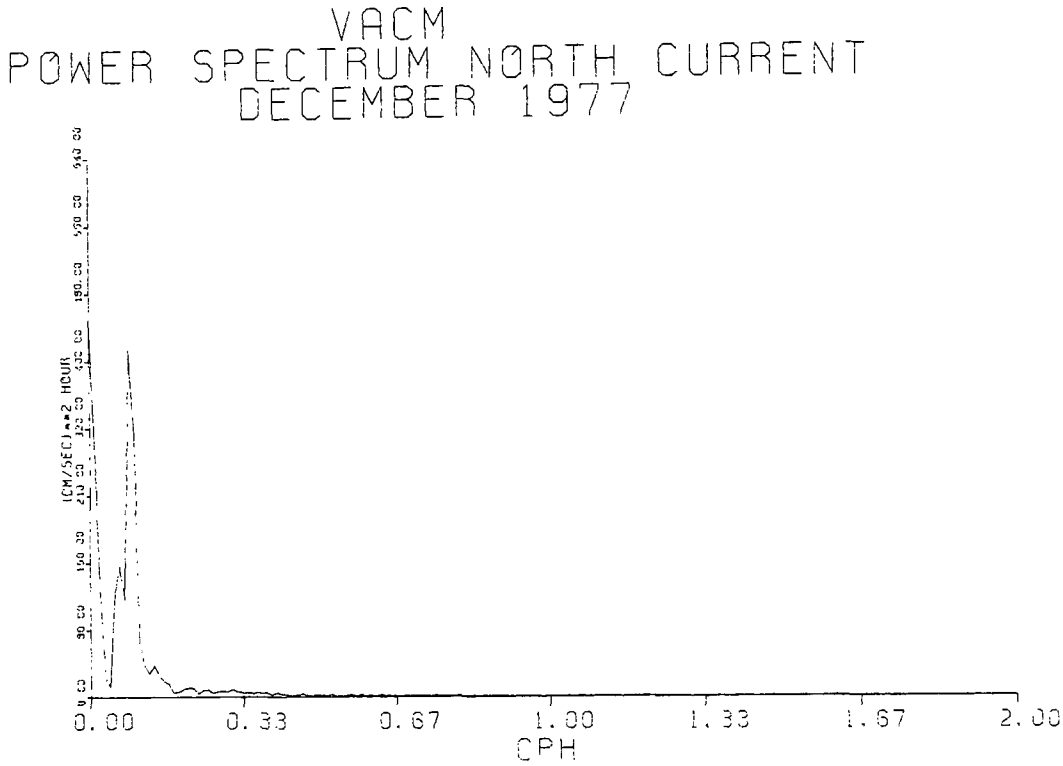

VACM
POWER SPECTRUM EAST CURRENT
NOVEMBER 1977
(CM/SEC)**2 HOUR *10'
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-22


VACM
POWER SPECTRUM NORTH CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

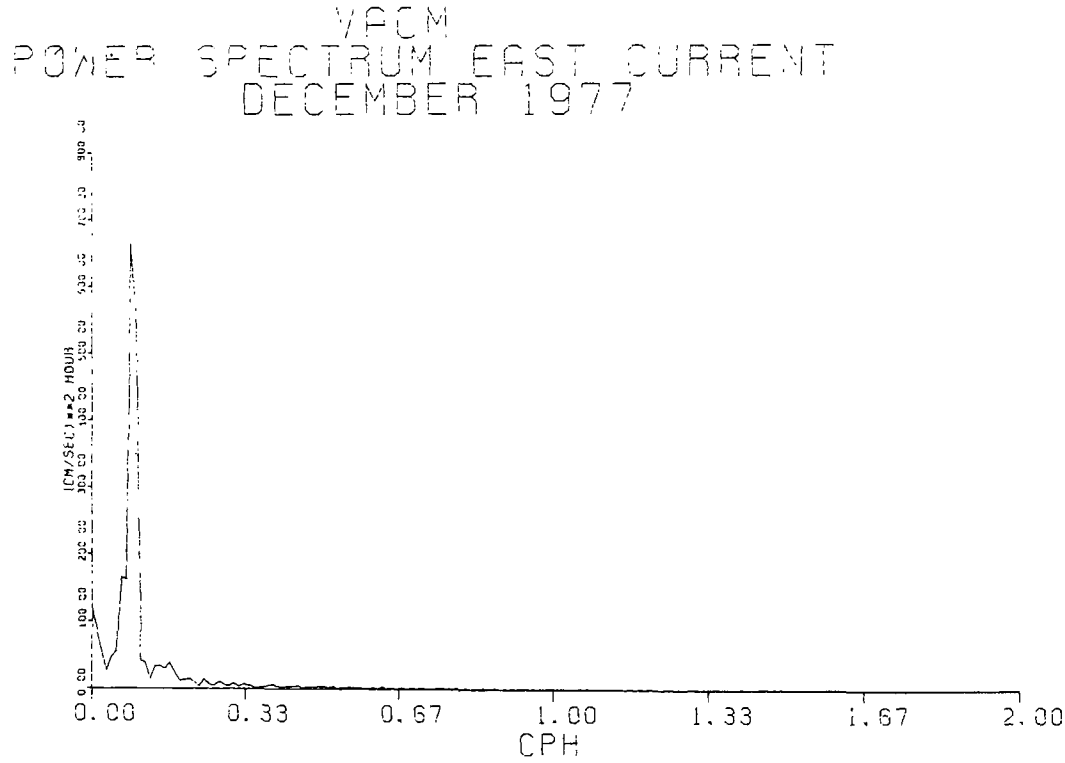
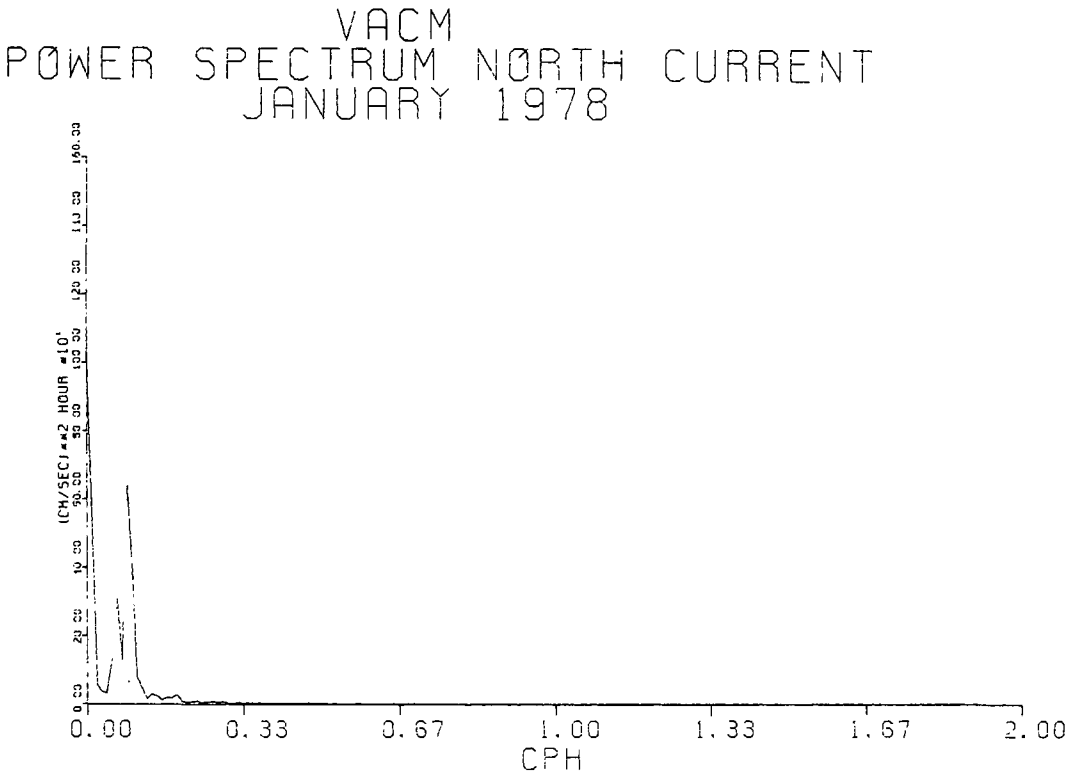

VACM
POWER SPECTRUM EAST CURRENT
DECEMBER 1977
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-23


VACM
POWER SPECTRUM NORTH CURRENT
JANUARY 1978
(CM/SEC)**2 HOUR *10'
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

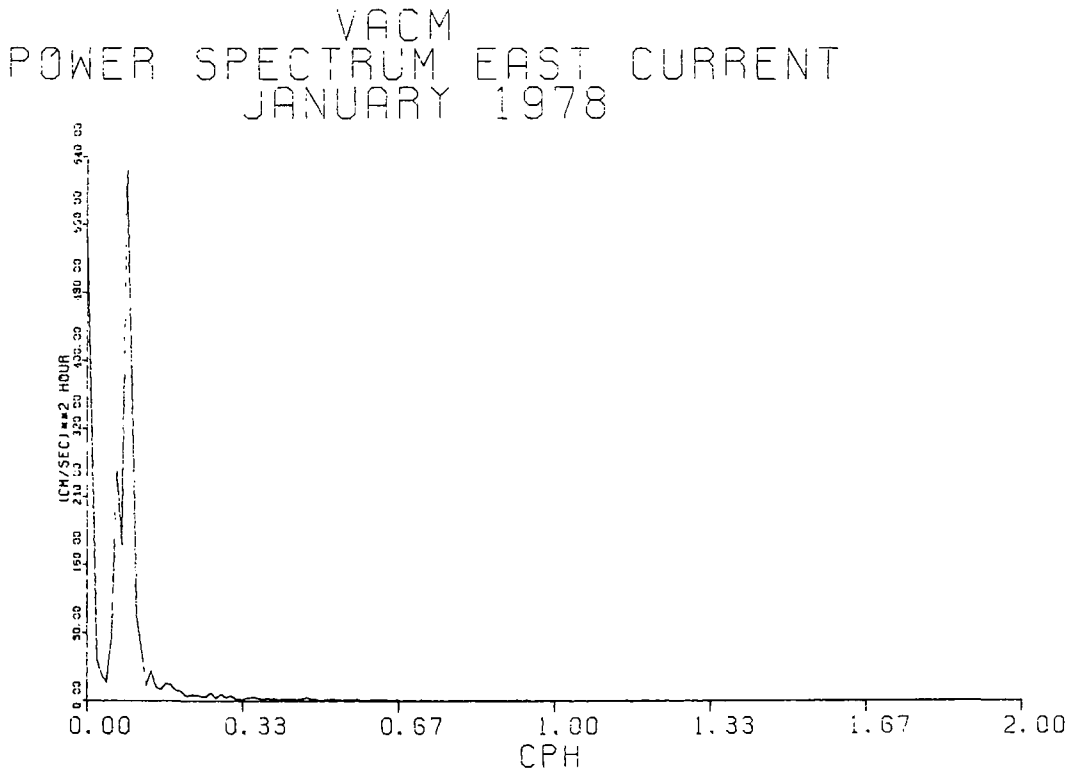
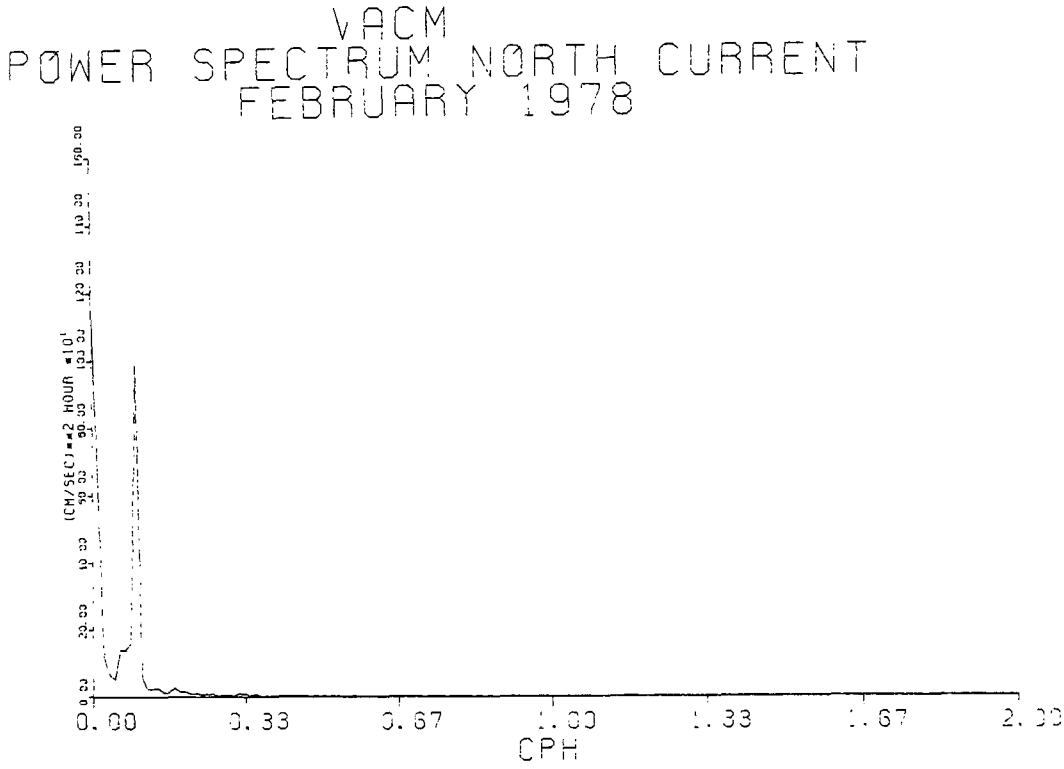

VACM
POWER SPECTRUM EAST CURRENT
JANUARY 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-24


VACM
POWER SPECTRUM NORTH CURRENT
FEBRUARY 1978
(CM/SEC)**2 HOUR *10^1
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

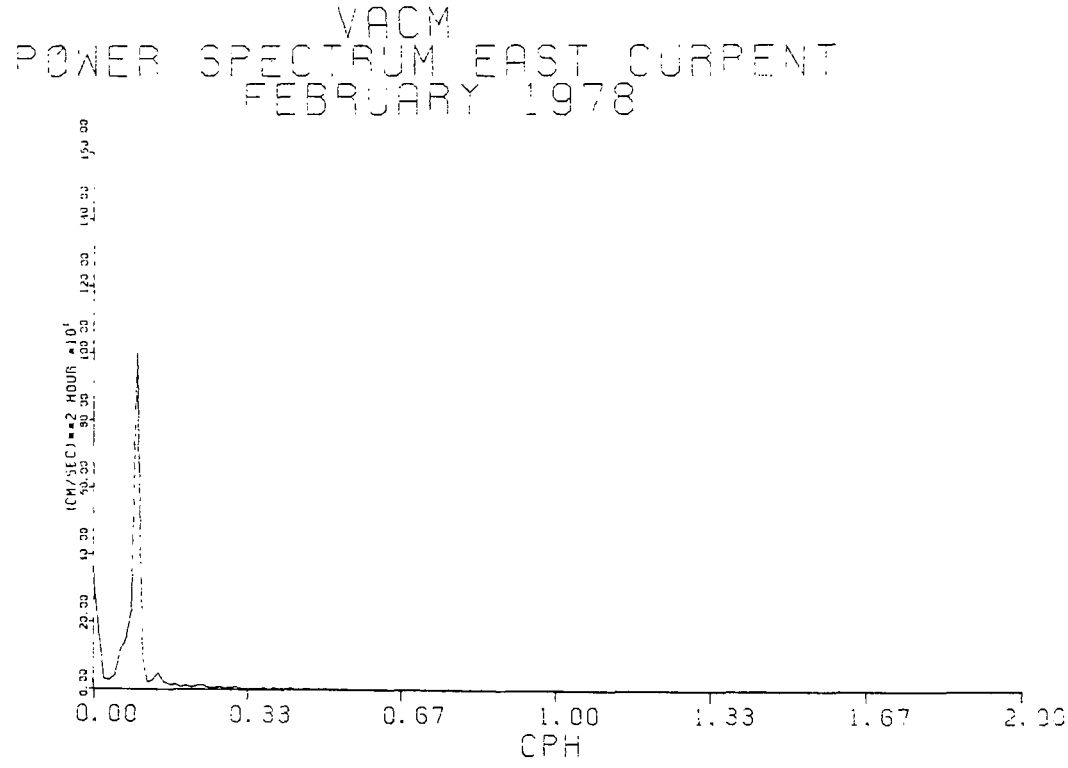
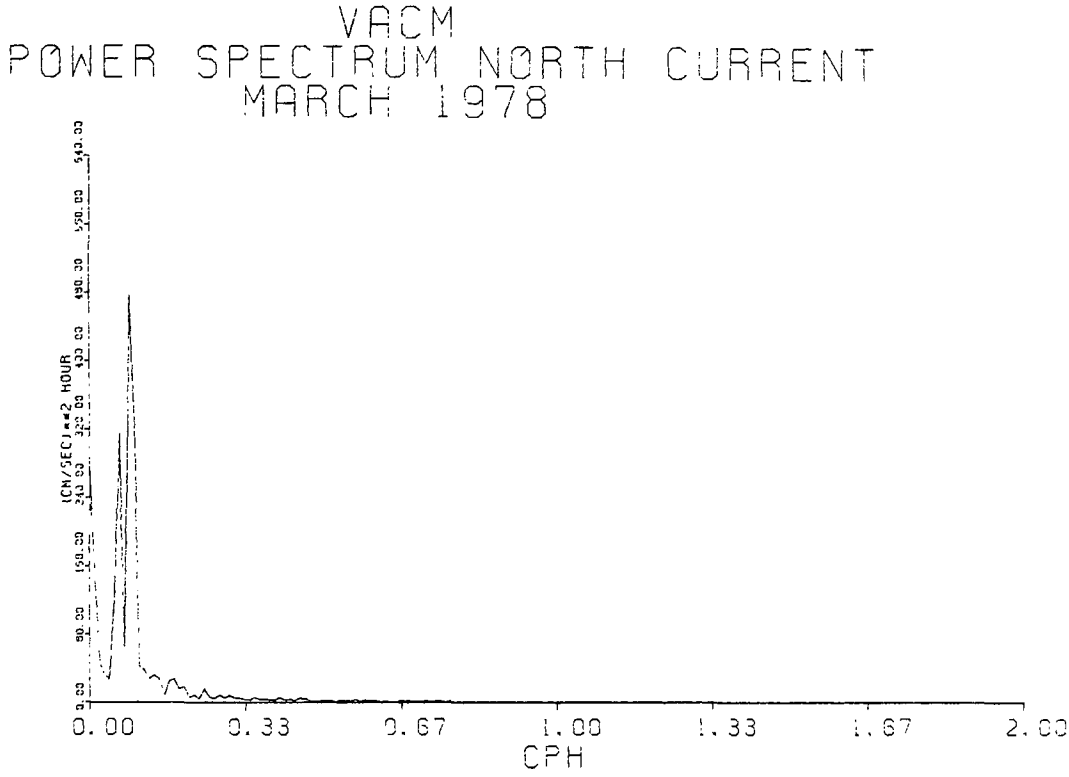

VACM
POWER SPECTRUM EAST CURRENT
FEBRUARY 1978
(CM/SEC)**2 HOUR *10^1
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-25


VACM
POWER SPECTRUM NORTH CURRENT
MARCH 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

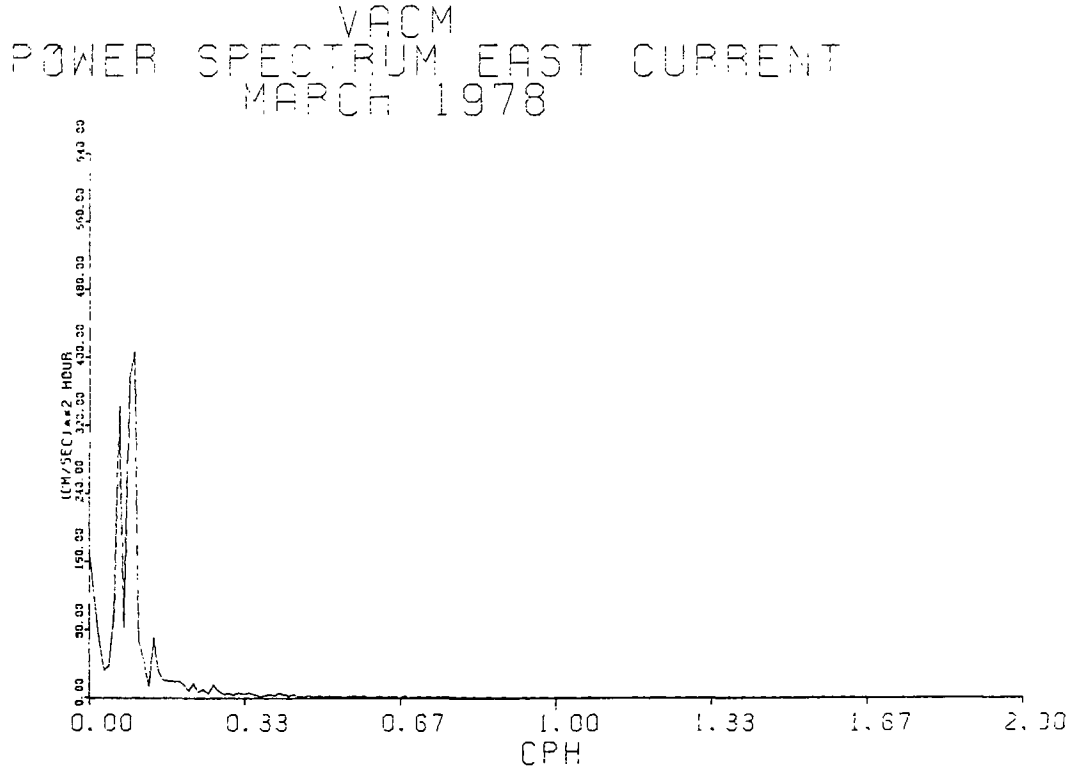
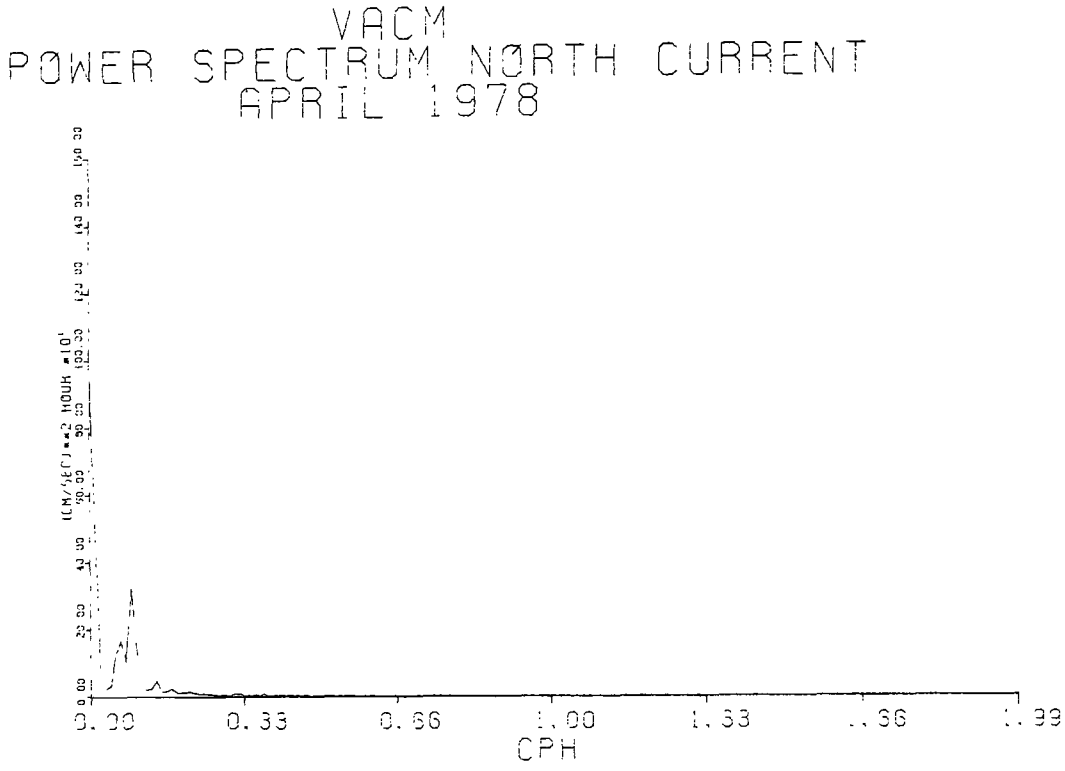

VACM
POWER SPECTRUM EAST CURRENT
MARCH 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-26


VACM
POWER SPECTRUM NORTH CURRENT
APRIL 1978
0.00
0.33
0.66
1.00
1.33
1.66
1.99
CPH

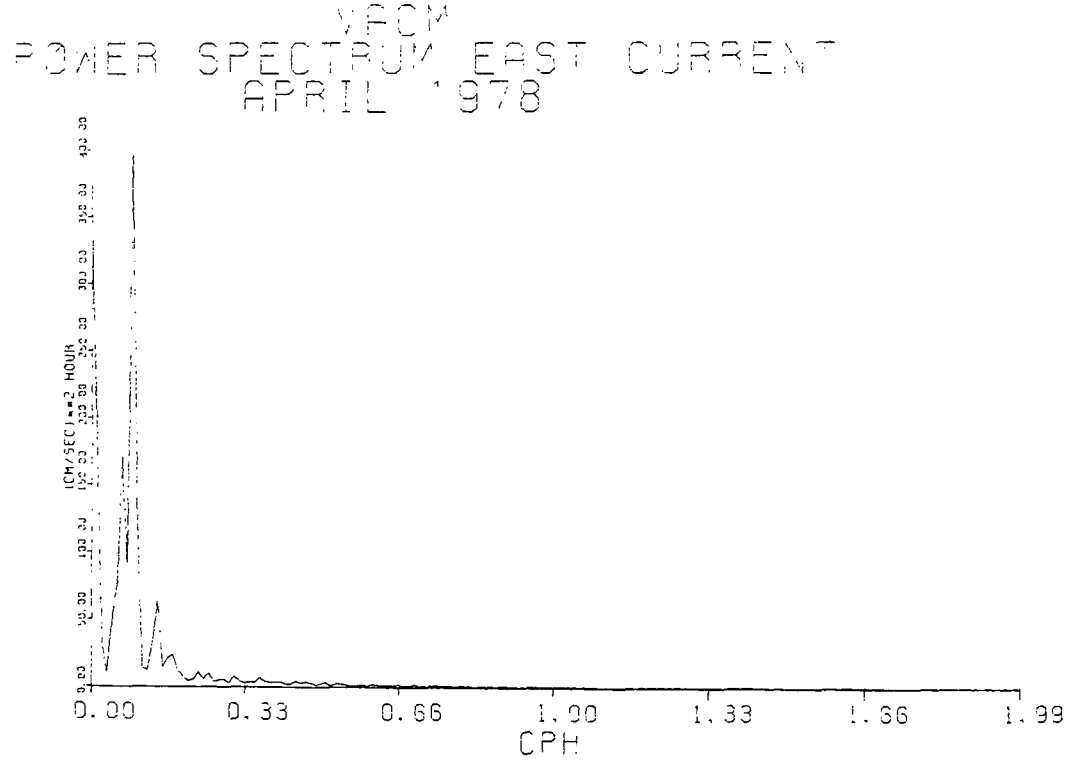
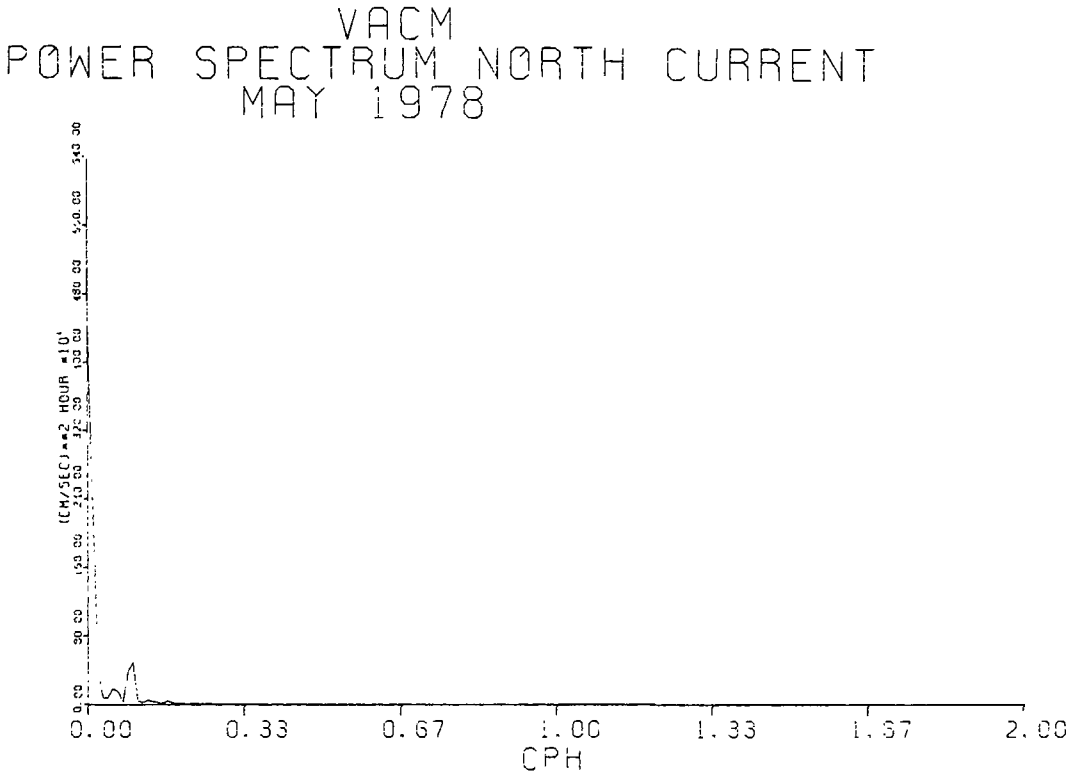

VACM
POWER SPECTRUM EAST CURRENT
APRIL 1978
0.00
0.33
0.66
1.00
1.33
1.66
1.99
CPH

Figure E-27


VACM
POWER SPECTRUM NORTH CURRENT
MAY 1978
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

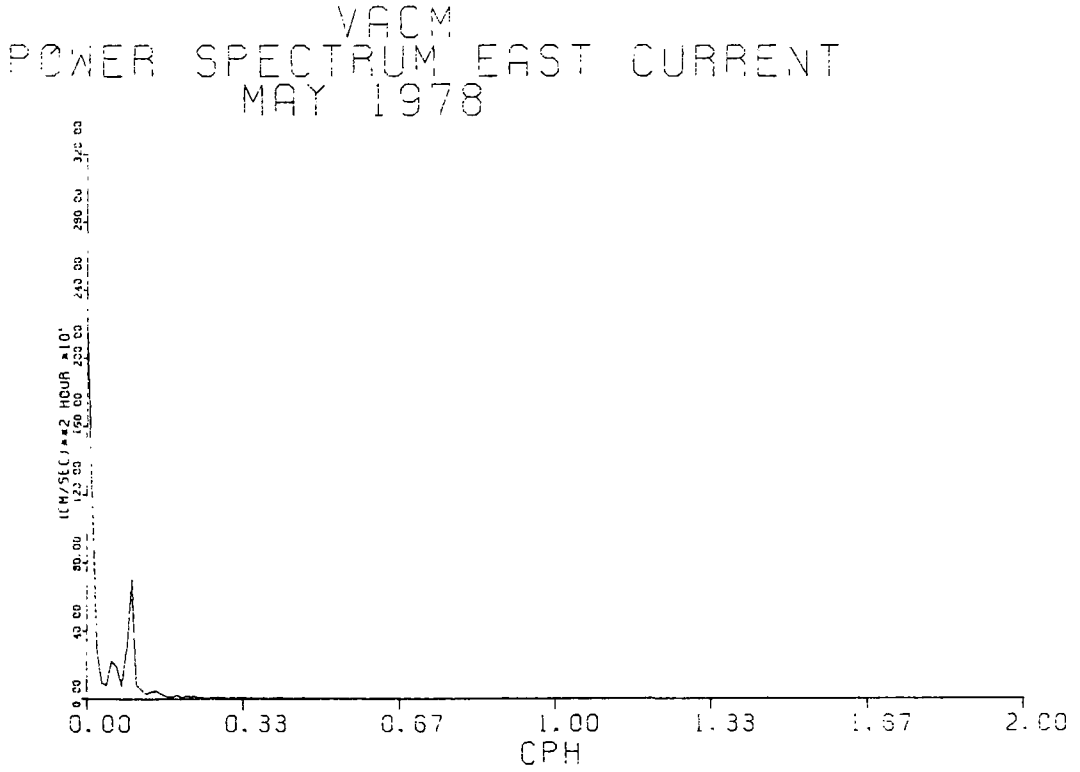
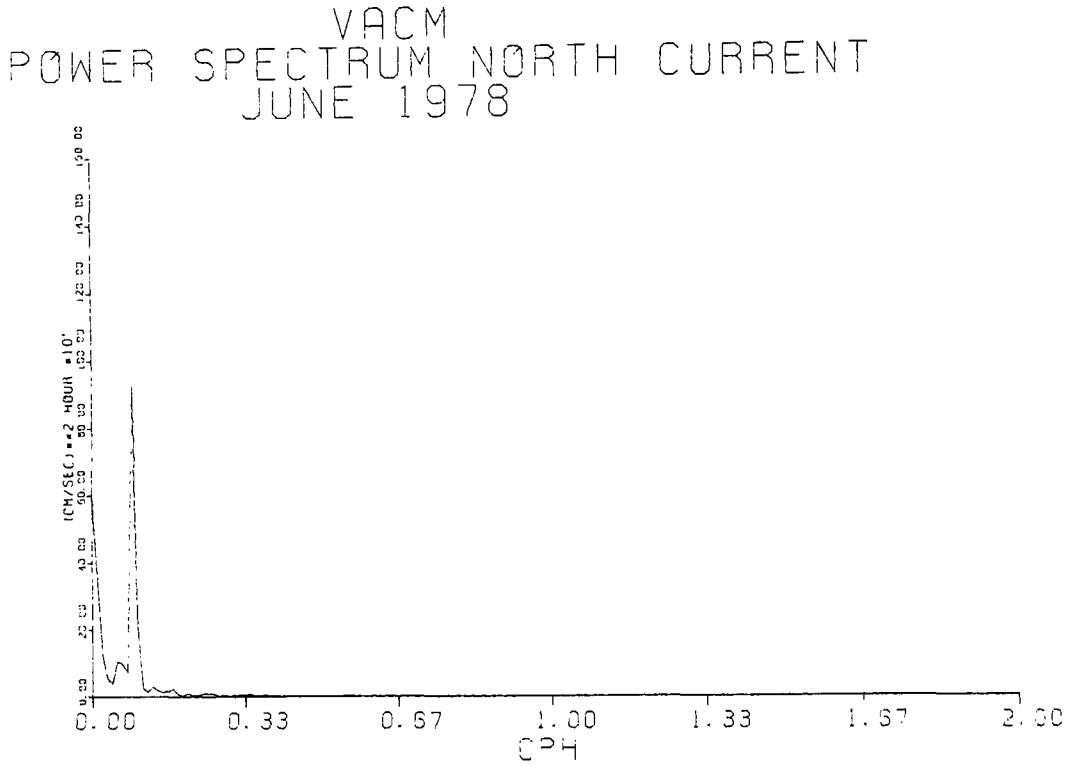

VACM
POWER SPECTRUM EAST CURRENT
MAY 1978
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-28


VACM
POWER SPECTRUM NORTH CURRENT
JUNE 1978
(CM/SEC)**2 HOUR *10'
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

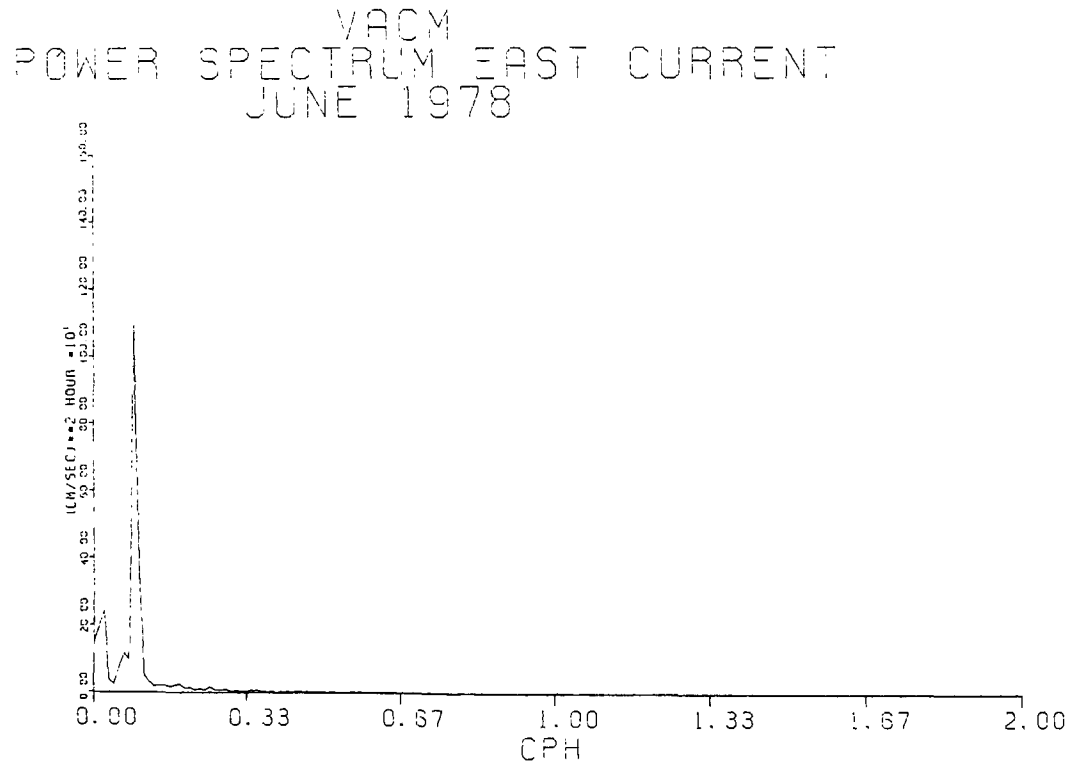
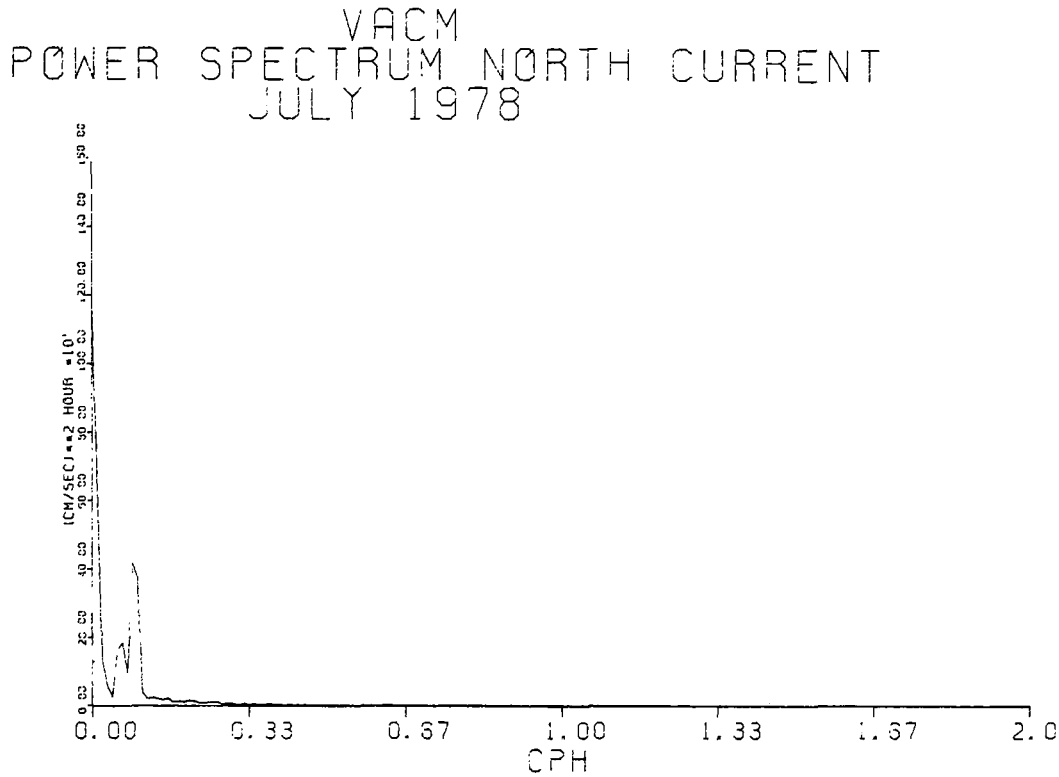

VACM
POWER SPECTRUM EAST CURRENT
JUNE 1978
(CM/SEC)**2 HOUR *10'
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-29


VACM
POWER SPECTRUM NORTH CURRENT
JULY 1978
(CM/SEC)**2 HOUR *10'
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

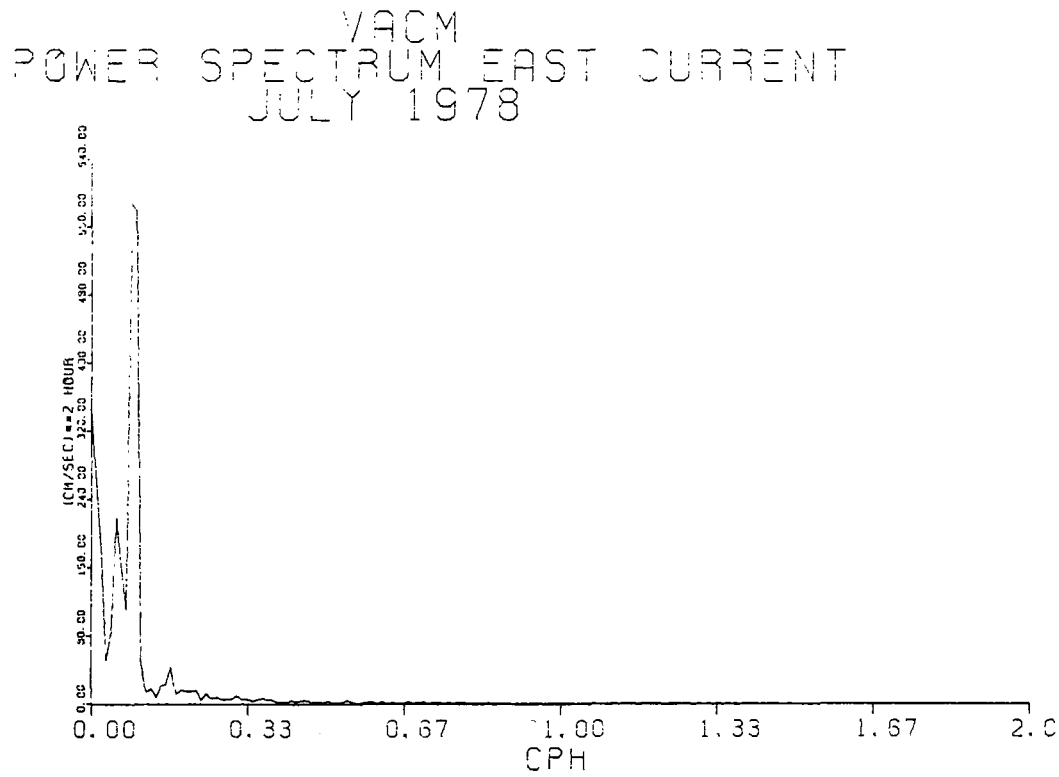
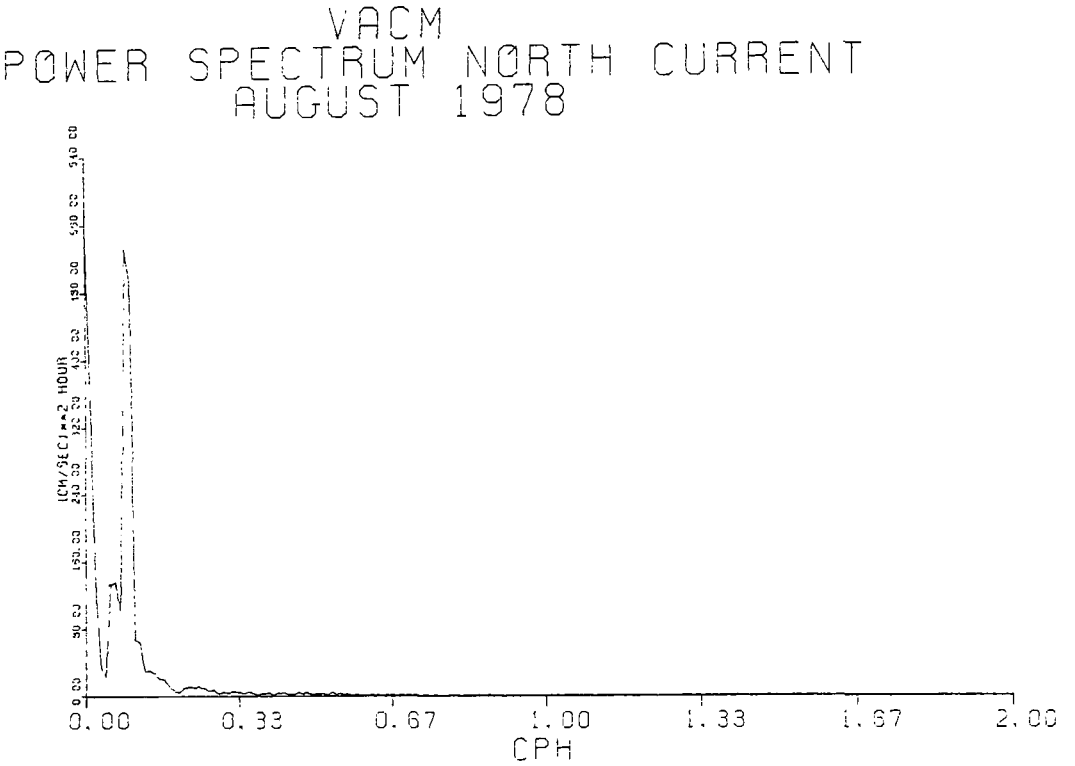

VACM
POWER SPECTRUM EAST CURRENT
JULY 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-30


VACM
POWER SPECTRUM NORTH CURRENT
AUGUST 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

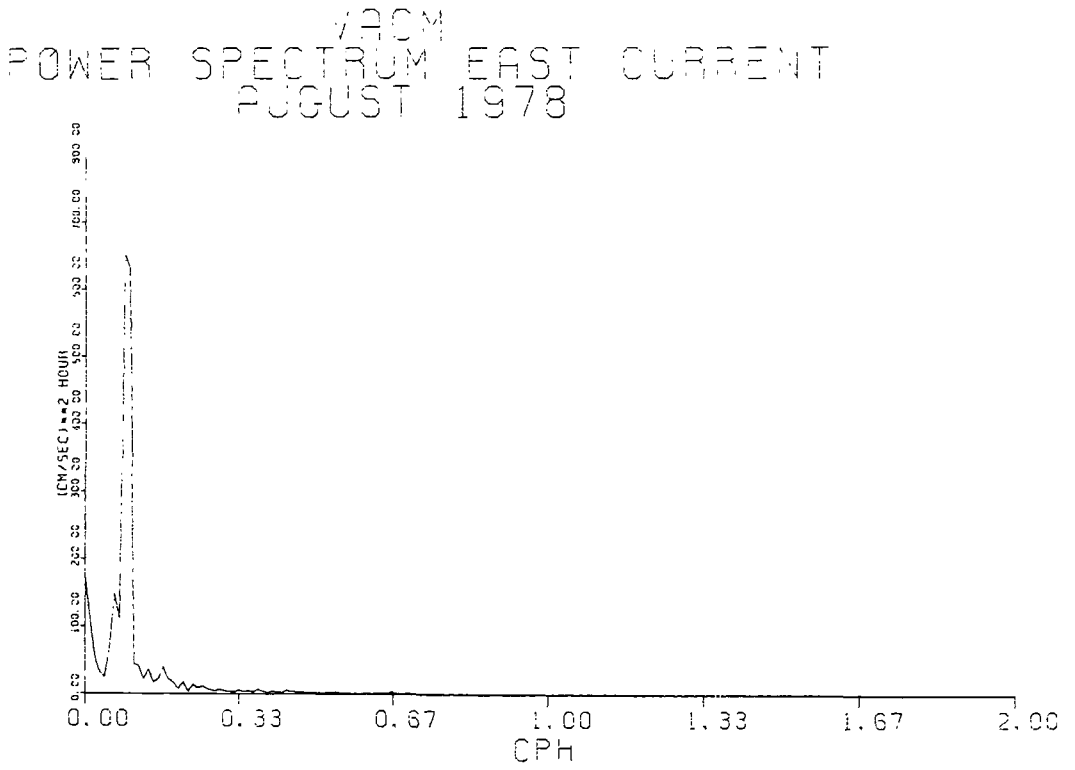
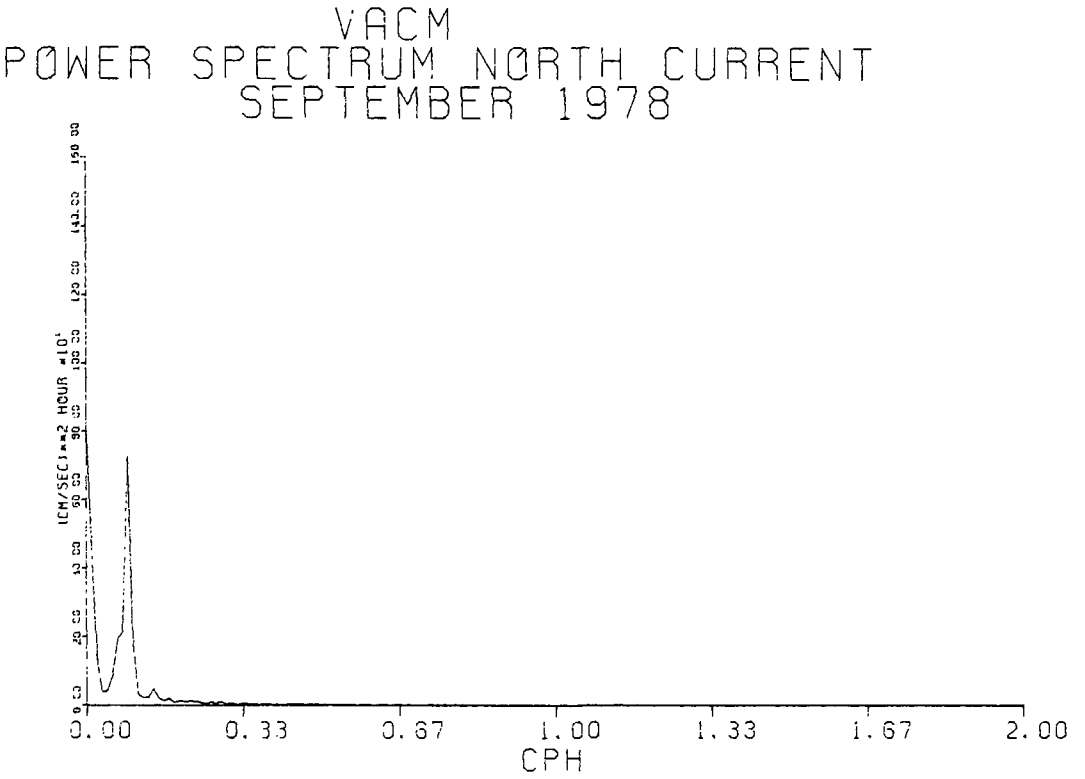

VACM
POWER SPECTRUM EAST CURRENT
AUGUST 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-31


VACM
POWER SPECTRUM NORTH CURRENT
SEPTEMBER 1978
(CM/SEC)**2 HOUR *10**1
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

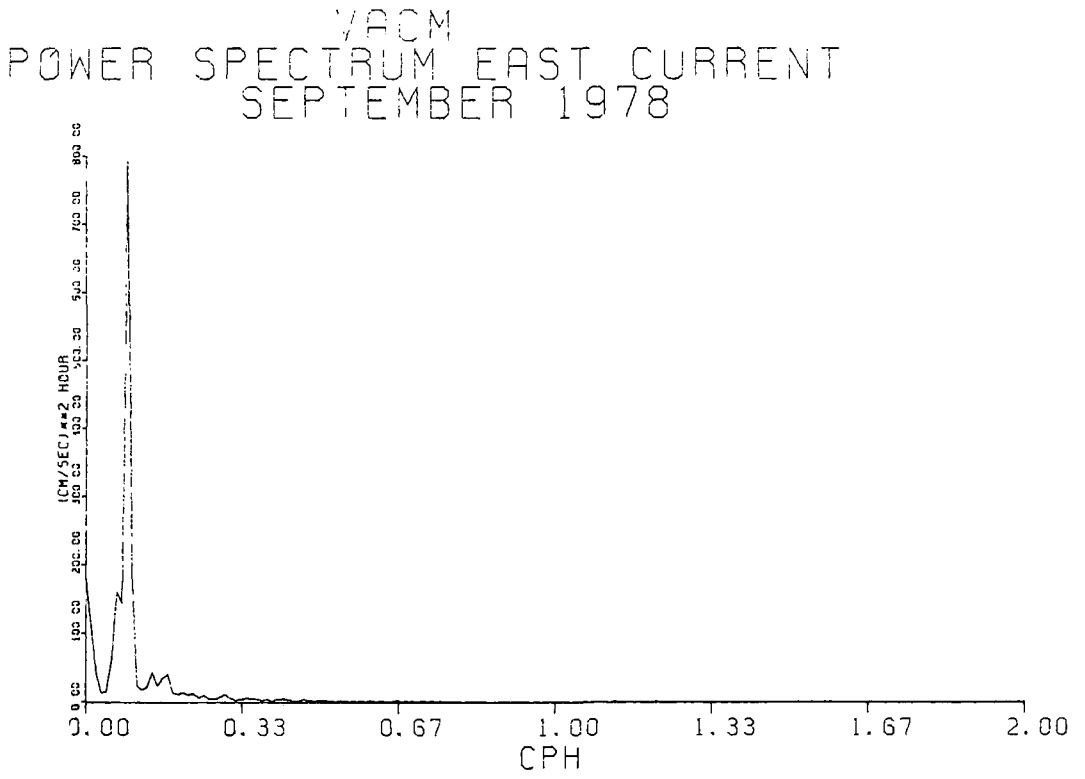
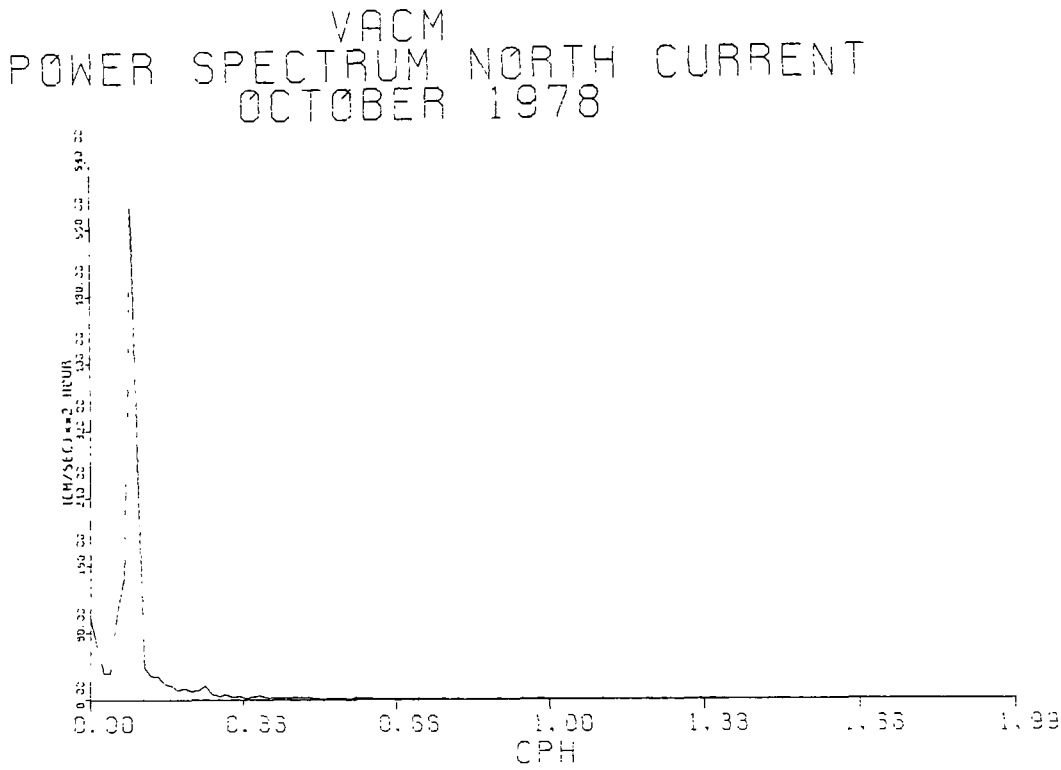

VACM
POWER SPECTRUM EAST CURRENT
SEPTEMBER 1978
(CM/SEC)**2 HOUR
0.00
0.33
0.67
1.00
1.33
1.67
2.00
CPH

Figure E-32


VACM
POWER SPECTRUM NORTH CURRENT
OCTOBER 1978
0.00
0.33
0.66
1.00
1.33
1.66
1.99
CPH

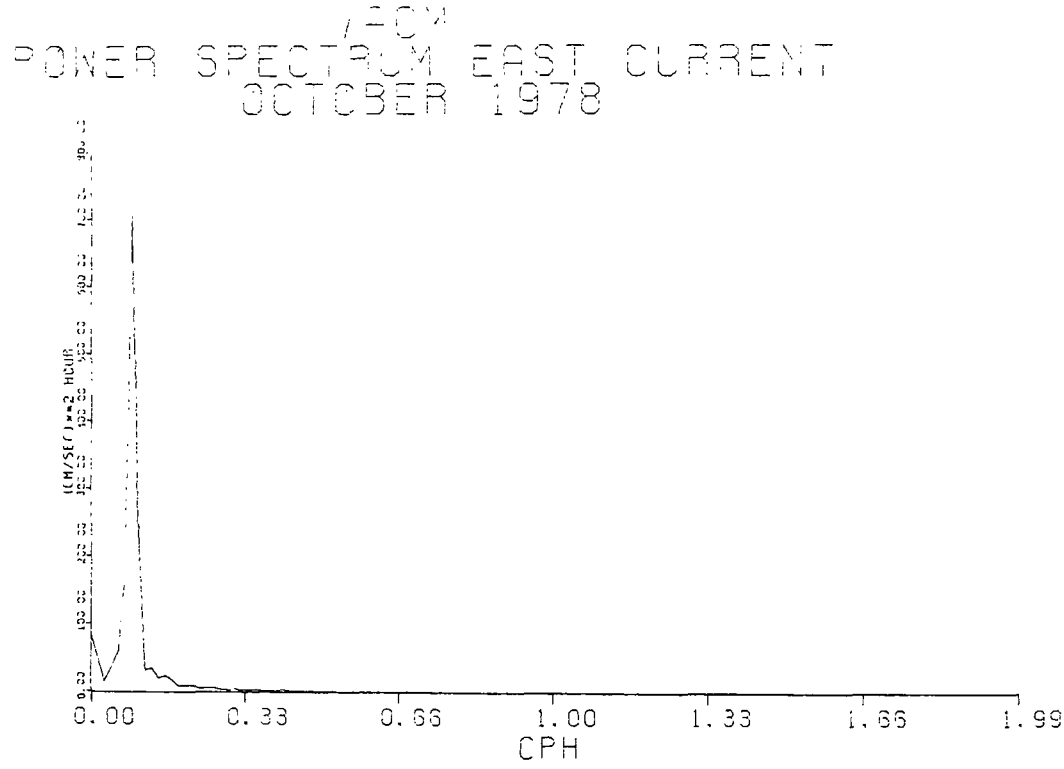

POWER SPECTRUM EAST CURRENT
OCTOBER 1978
0.00
0.33
0.66
1.00
1.33
1.66
1.99
CPH

Figure E-33

Appendix F

PROGRESSIVE VECTOR DIAGRAMS

Appendix F contains the Progressive Vector Diagrams (PVD's) for all of the meters in the 1977-1978 survey. These plots are described in detail in Section 5.1 of the report. They are listed below:

Aanderaa #2830:	Progressive Vector Diagram	Figure F-1
Aanderaa #2918:	Progressive Vector Diagram	Figure F-2
Aanderaa #2919:	Progressive Vector Diagram	Figure F-3
Aanderaa #2920:	Progressive Vector Diagram	Figure F-4
VACM:	Progressive Vector Diagram - Unreconstructed Time Series	Figure F-5

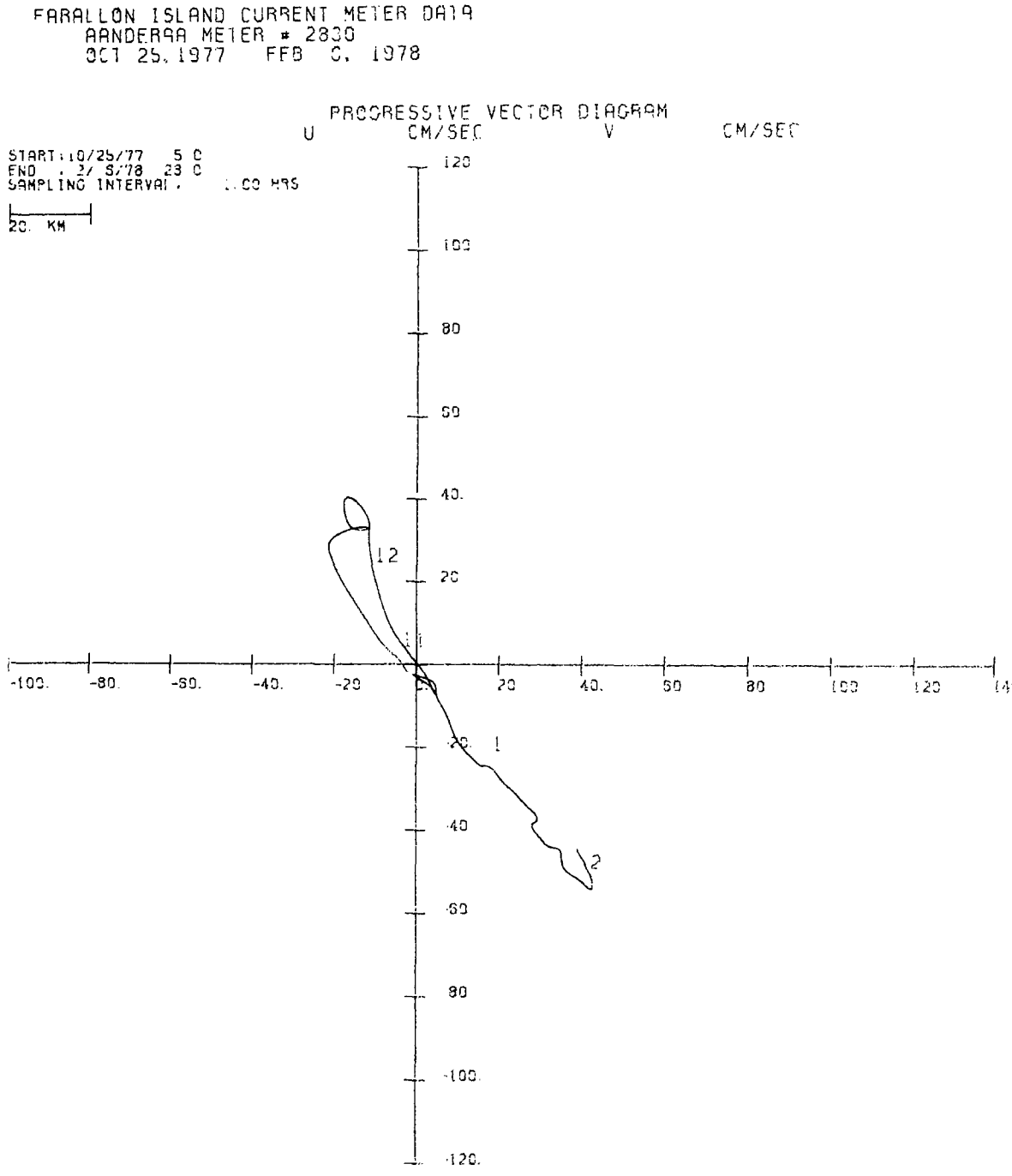

FARALLON ISLAND CURRENT METER DATA
AANDERAA METER # 2830
OCT 25, 1977 FEB 6, 1978
PROGRESSIVE VECTOR DIAGRAM
U CM/SEC V CM/SEC
START: 10/25/77 5 0
END : 2/ 5/78 23 0
SAMPLING INTERVAL : 1.00 HRS
20. KM
120
100
80
60
40.
20
-100.
-80.
-60.
-40.
-20
20
40.
60
80
100
120
140
-20.
-40
-60
-80
-100.
-120.
12
11
1
2

FIGURE F-1

FARALLON ISLAND CURRENT METER DATA
AANDERAA METER # 2918
OCT 25, 1977 DEC 2, 1977

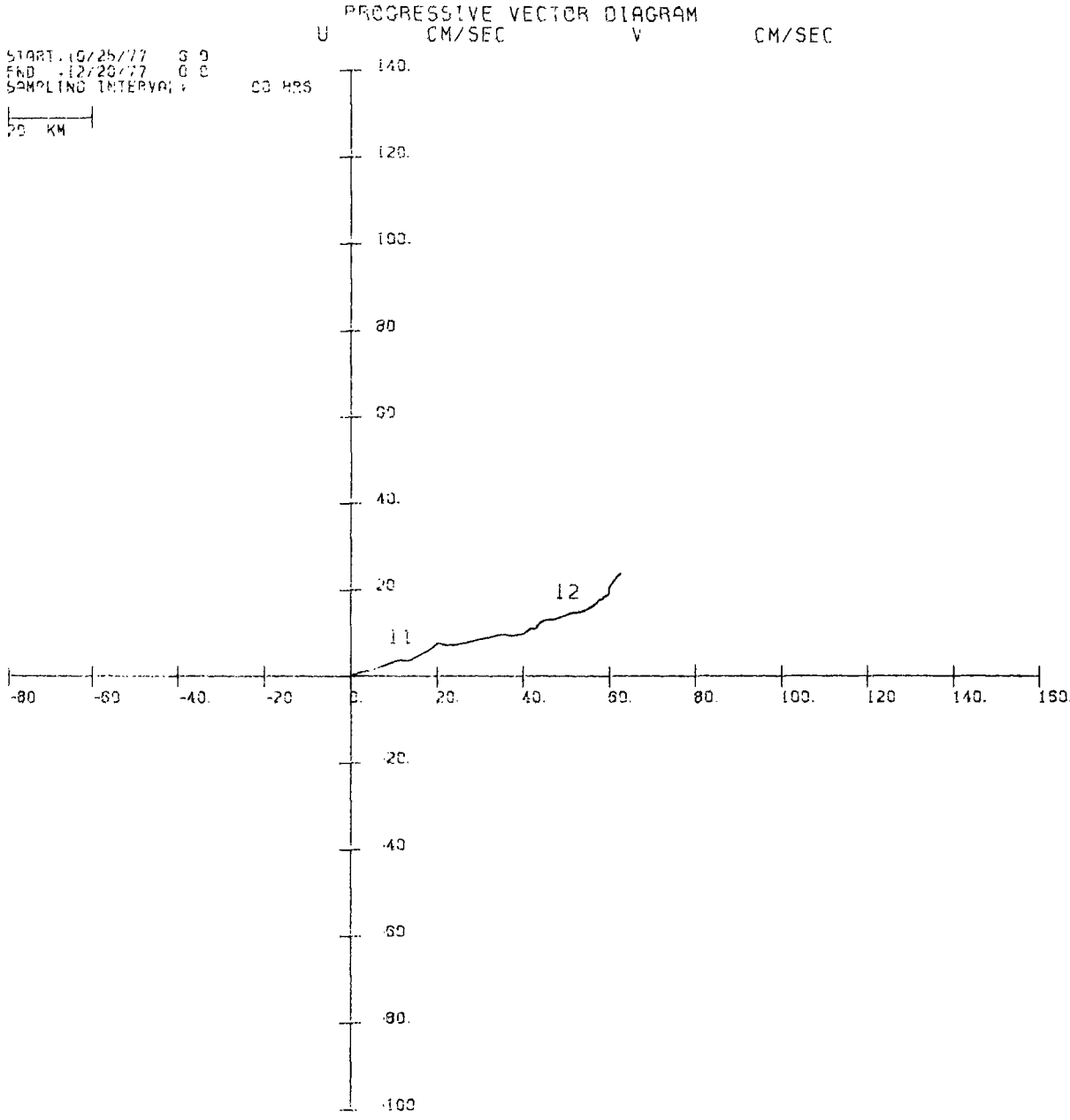


FIGURE F-2

FARALLON ISLAND CURRENT METER DATA
AANDERAA METER # 2919
OCT 25, 1977 - MAR 10, 1978

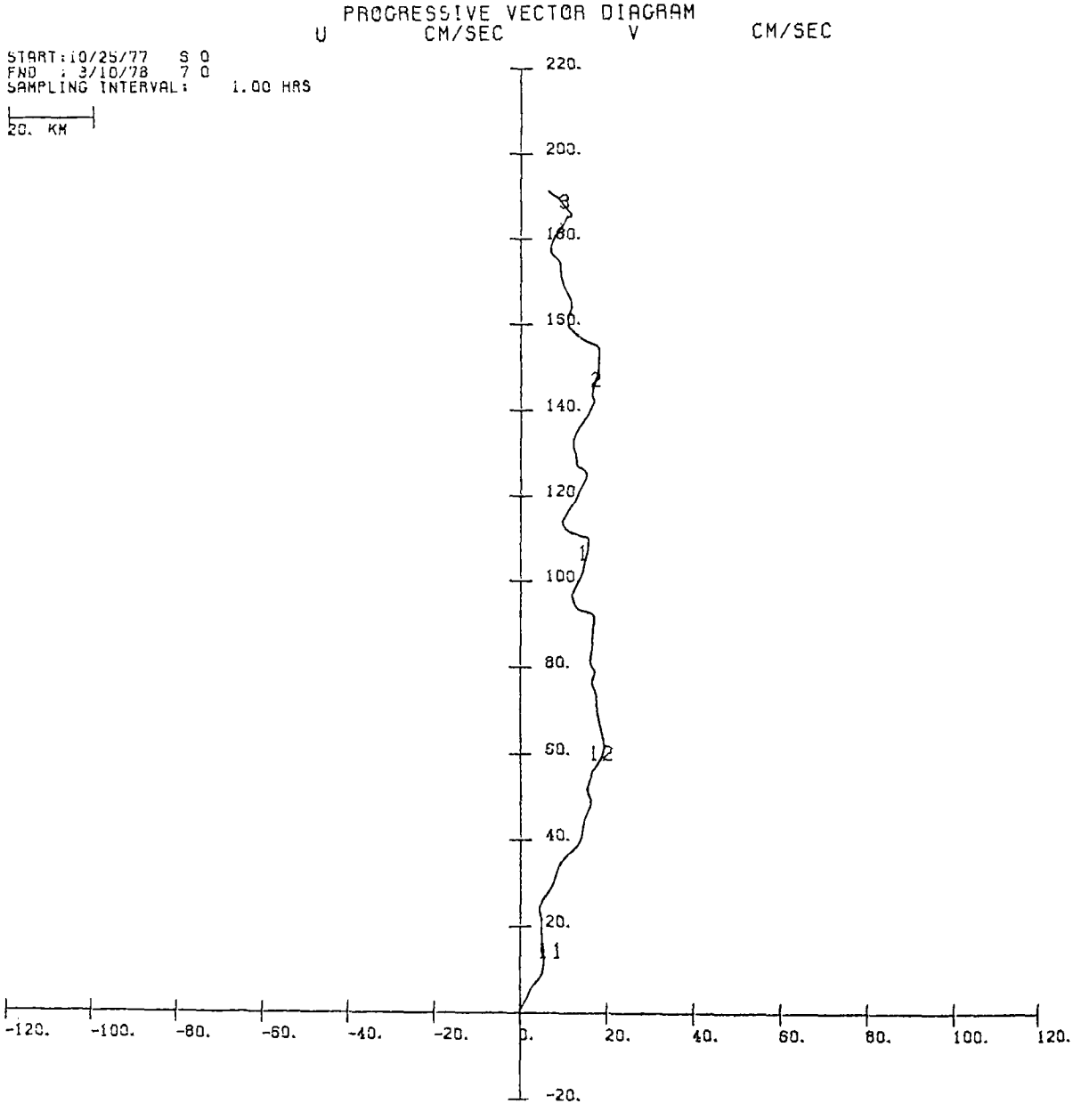


FIGURE F-3

FARALLON ISLAND CURRENT METER DATA
AANDERAA METER # 2920
OCT 25, 1977 - MAR 15, 1978

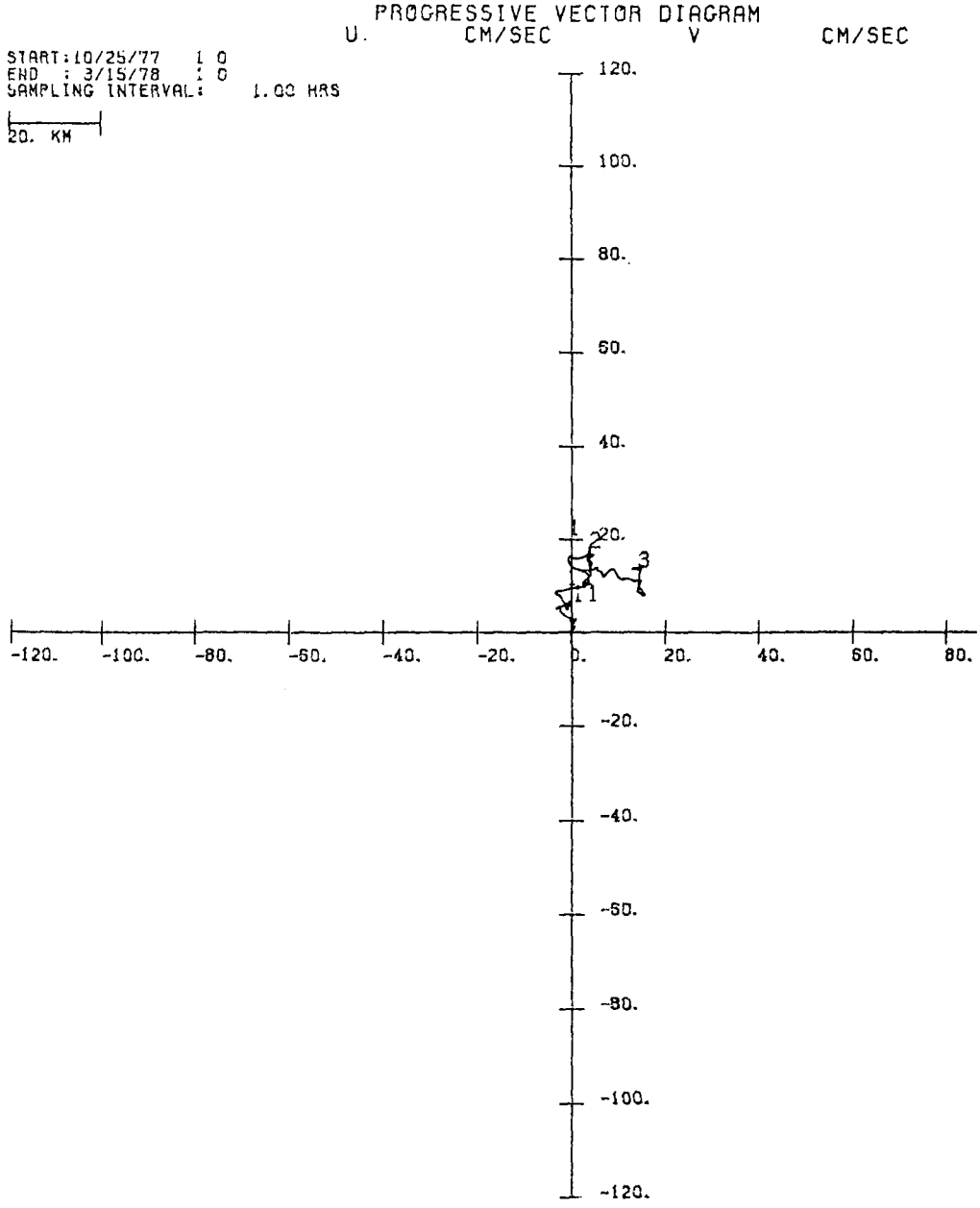


FIGURE F-4

FARALLON ISLAND CURRENT METER DATA
VACM METER
OCT 24, 1977 - OCT 23, 1978

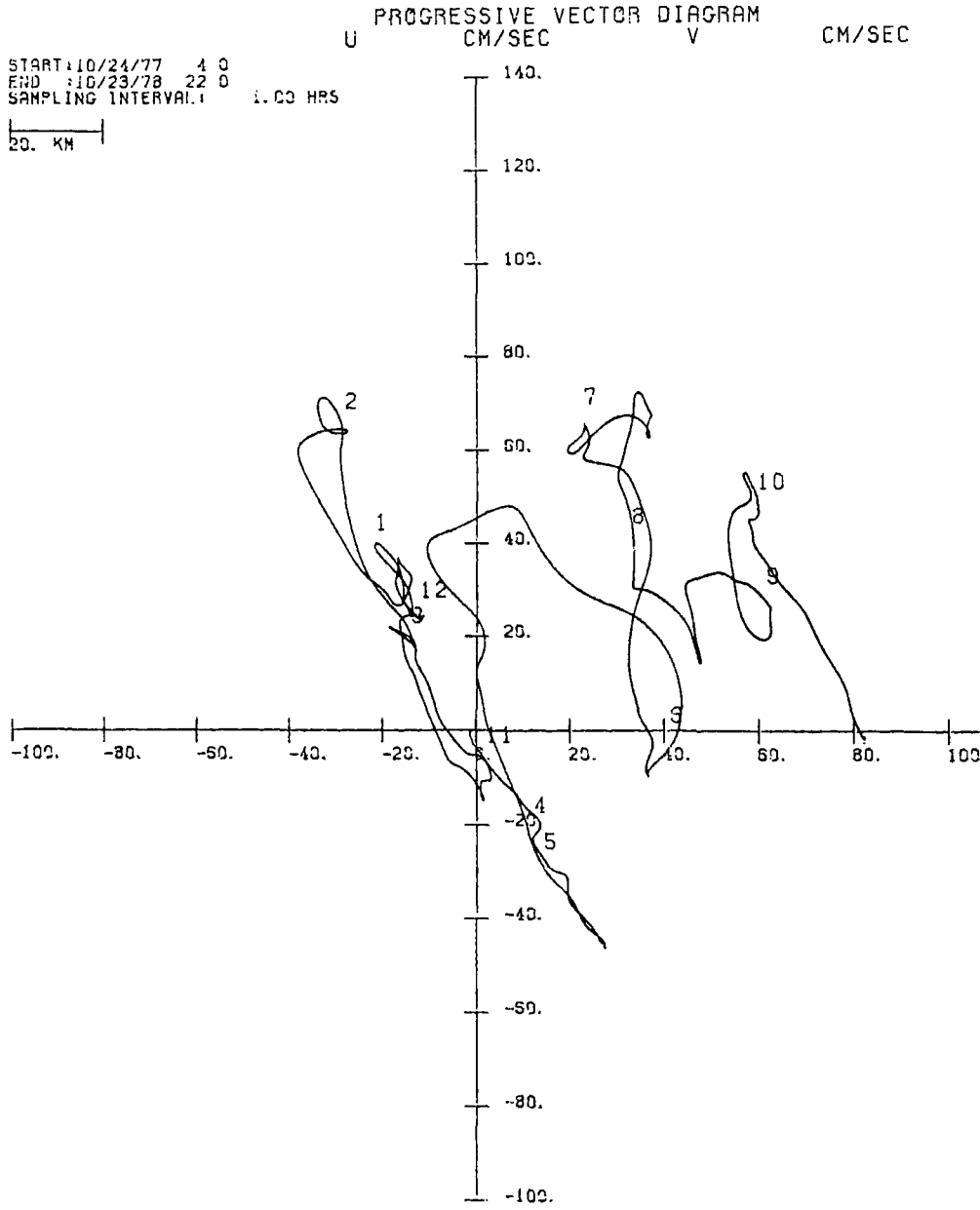


FIGURE F-5

Appendix G

STICK PLOTS

Appendix G contains the stick plots for all of the meters in the 1977-1978 survey. These plots are described in detail in Section 5.1 of the report. They are listed below:

Aanderaa #2830: Stick Plots	Figures G-1 - G-2
Aanderaa #2918: Stick Plots	Figure G-3
Aanderaa #2919: Stick Plots	Figures G-4 - G-6
Aanderaa #2920: Stick Plots	Figures G-7 - G-9
VACM: Stick Plots for Oct 1977-Feb 1978	Figures G-10 - G-12
VACM: Stick Plots for Feb 1978-May 1978	Figures G-13 - G-15
VACM: Stick Plots for May 1978-Aug 1978	Figures G-16 - G-18
VACM: Stick Plots for Aug 1978-Oct 1978	Figures G-19 - G-22

AANDERAA METER #2830

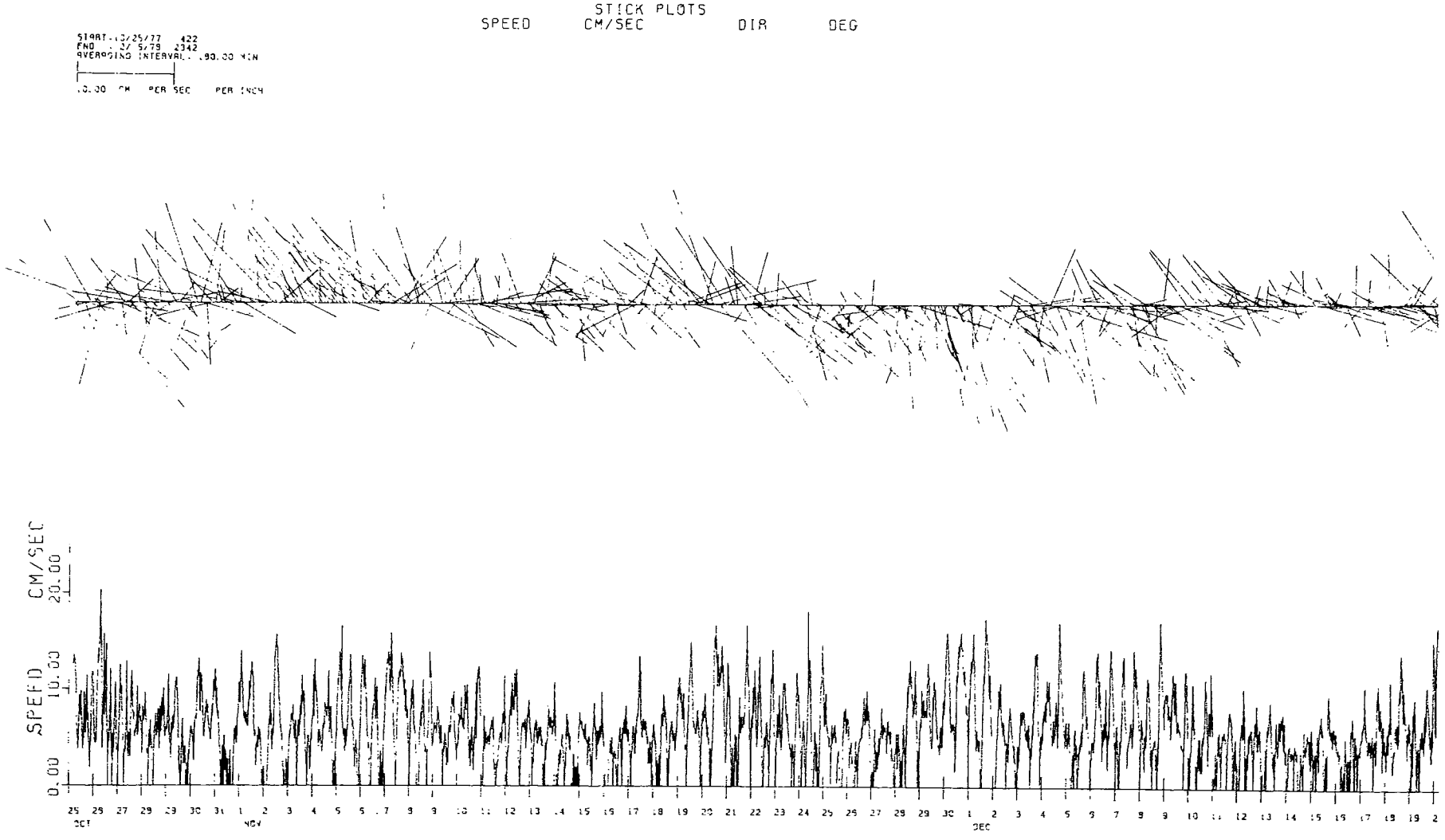


FIGURE G-1

AANDERAA METER #2830 - cont.

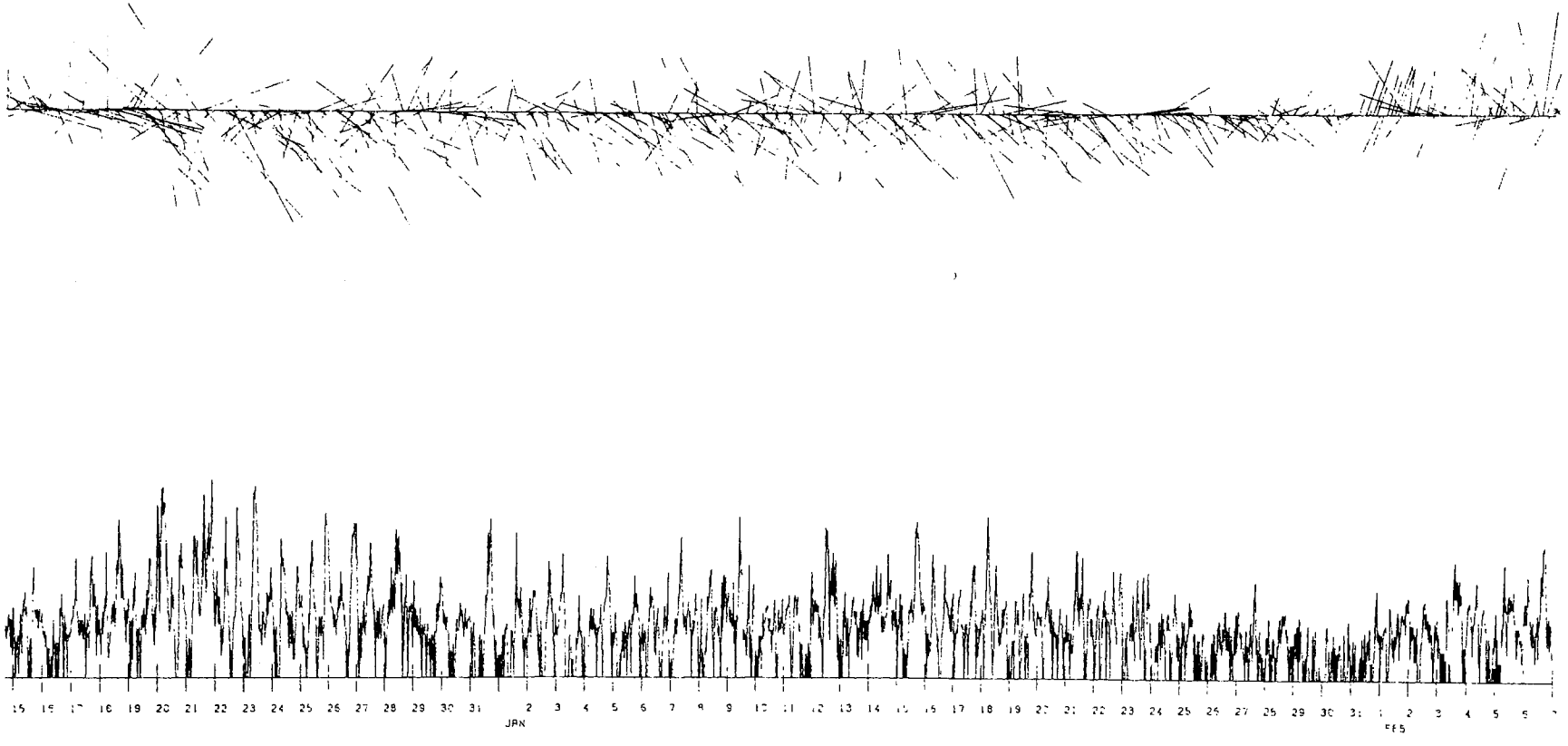


FIGURE G-2

AANDERAA METER #2918

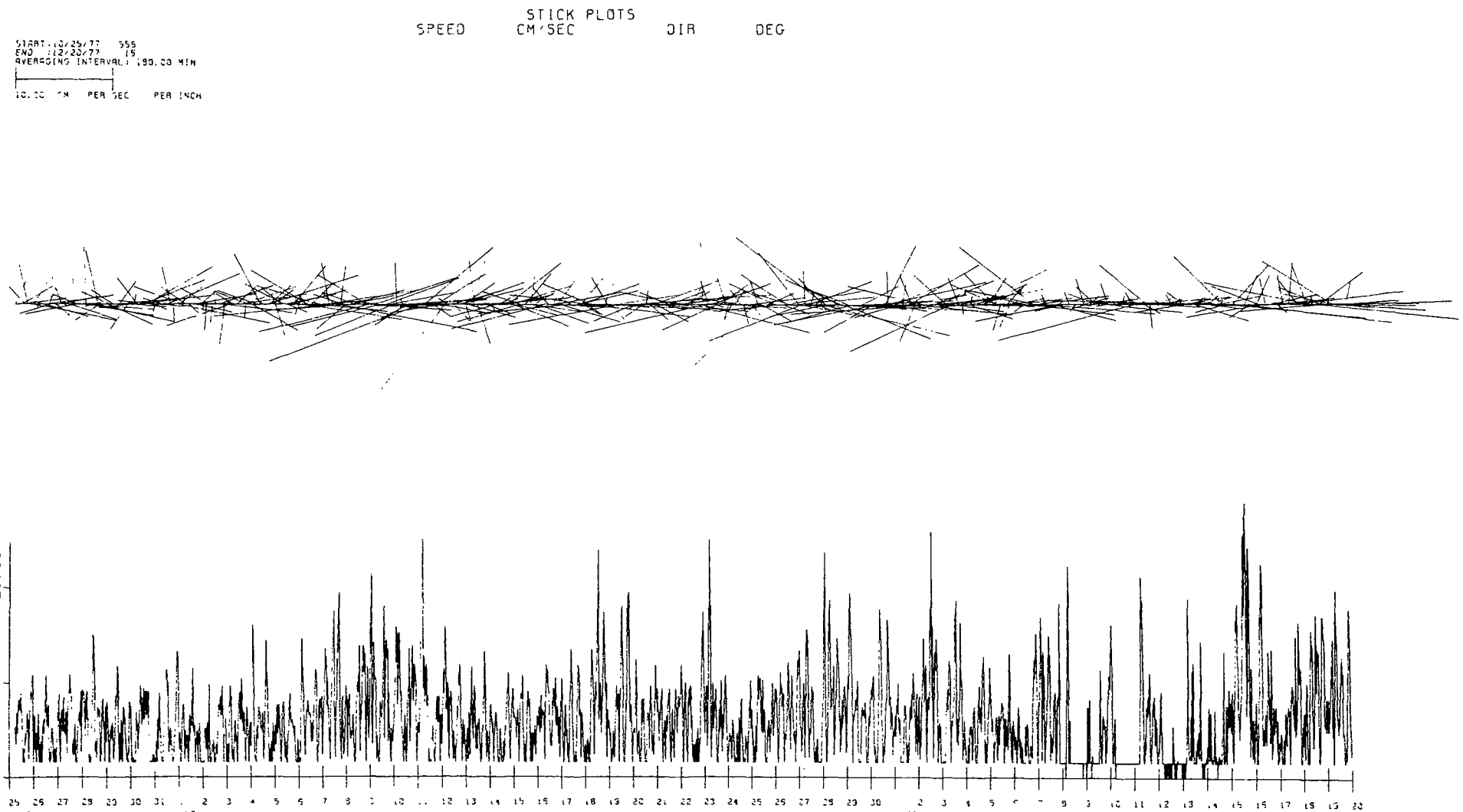


FIGURE G-3

AANDERAA METER #2919

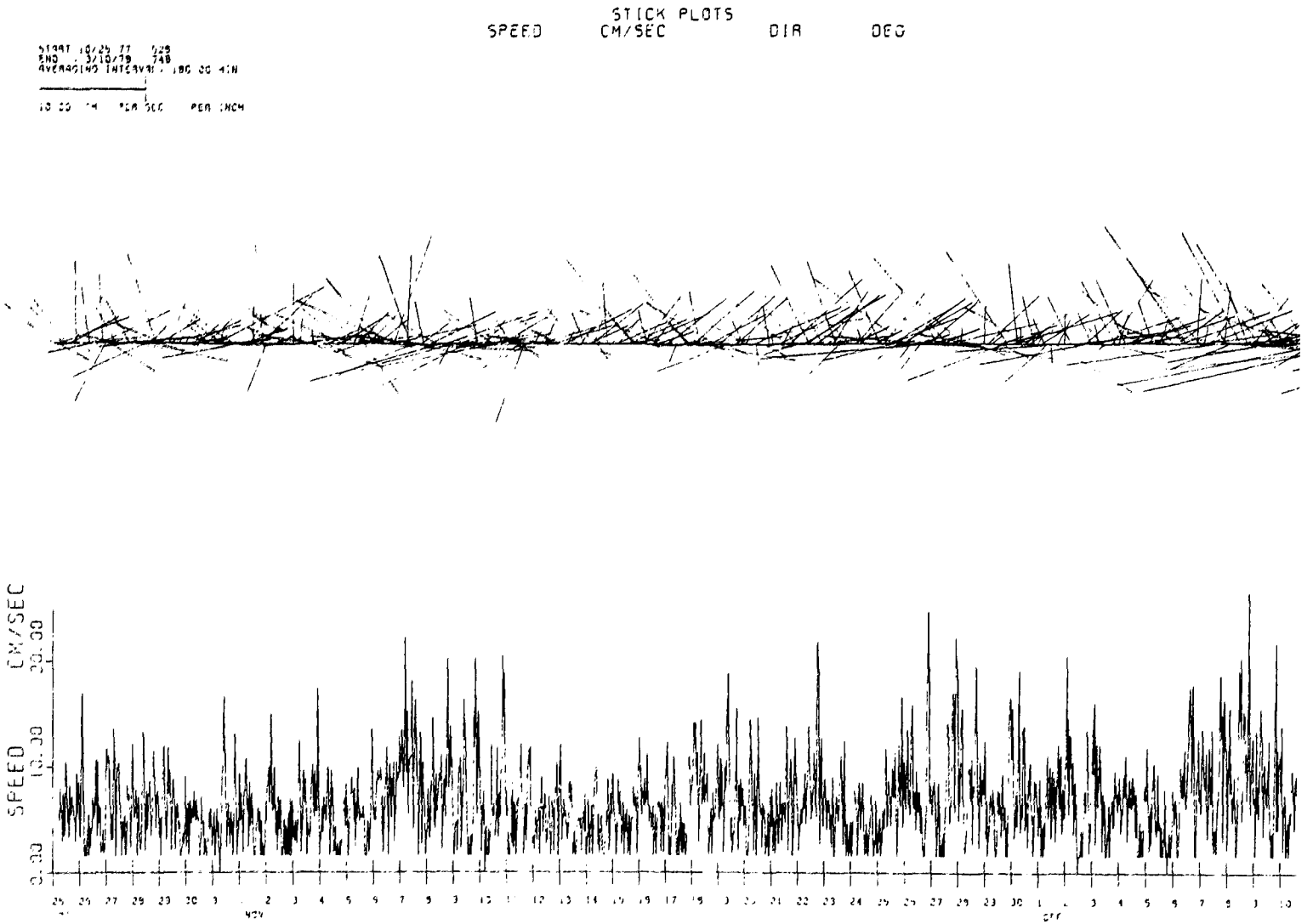


FIGURE G-4

AANDERAA METER #2919 - cont.

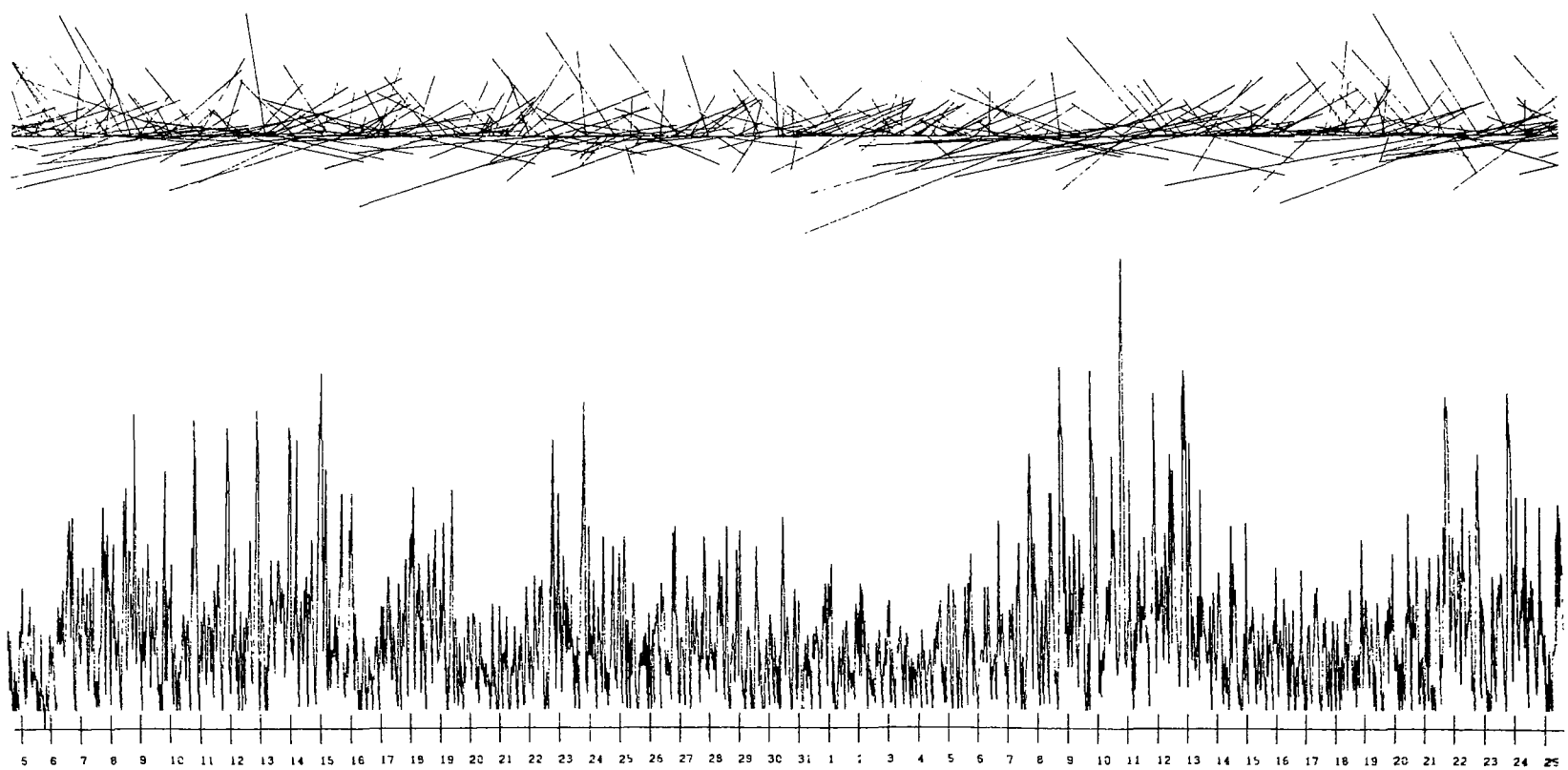


FIGURE G-5

AANDERAA METER #2919 - cont.

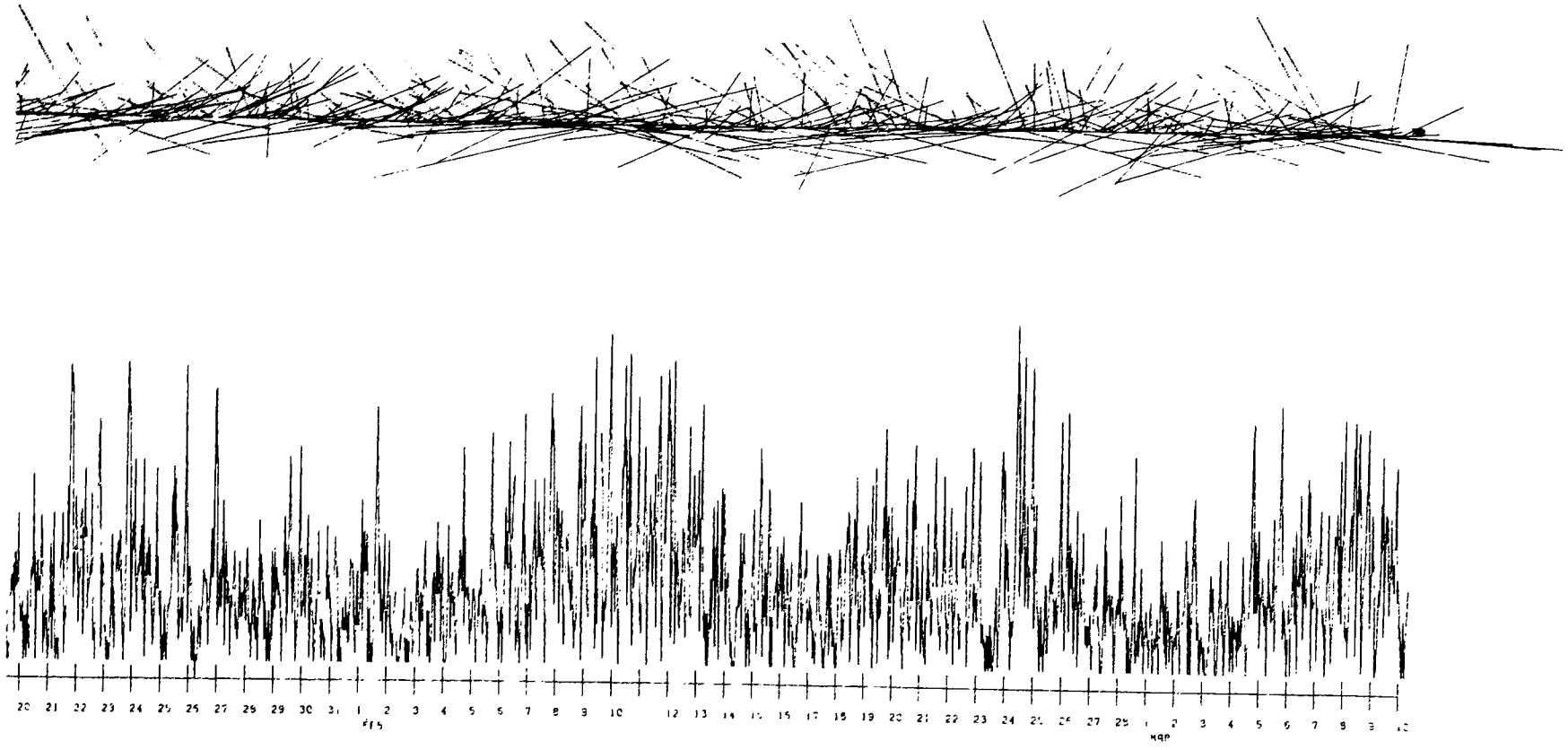


FIGURE G-6

AANDERAA METER #2920

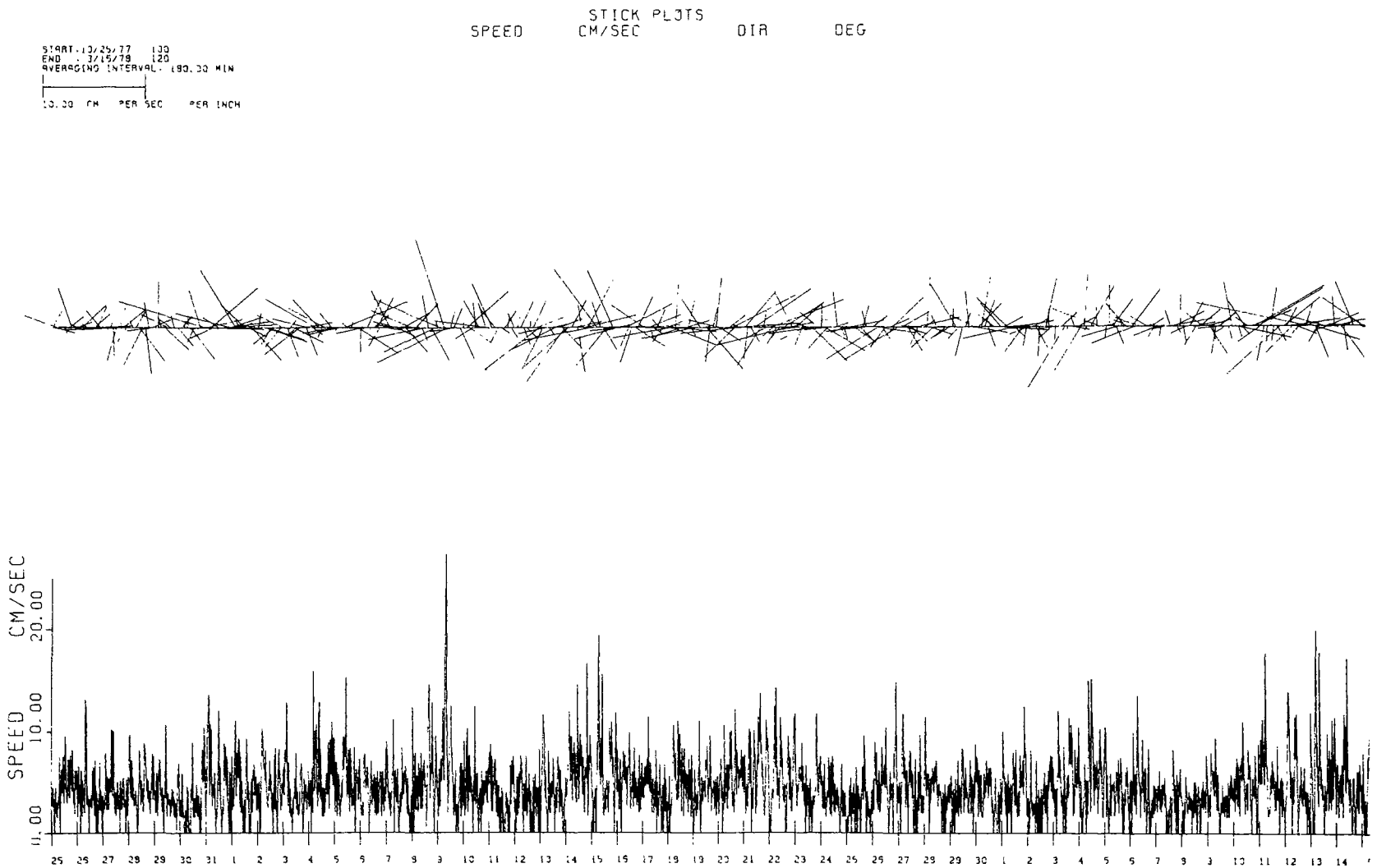


FIGURE G-7

AANDERAA METER #2920 - cont.

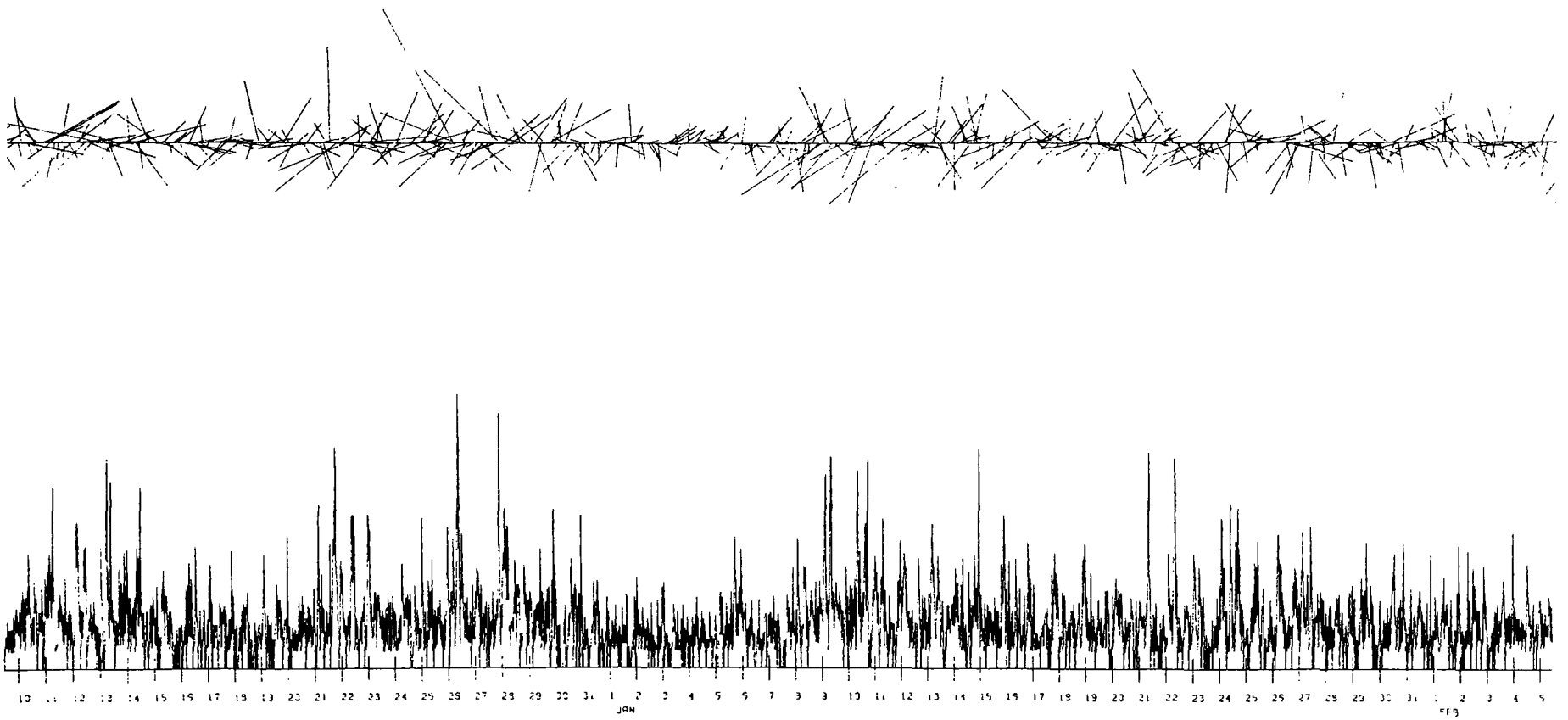


FIGURE G-8

AANDERAA METER #2920 - cont.

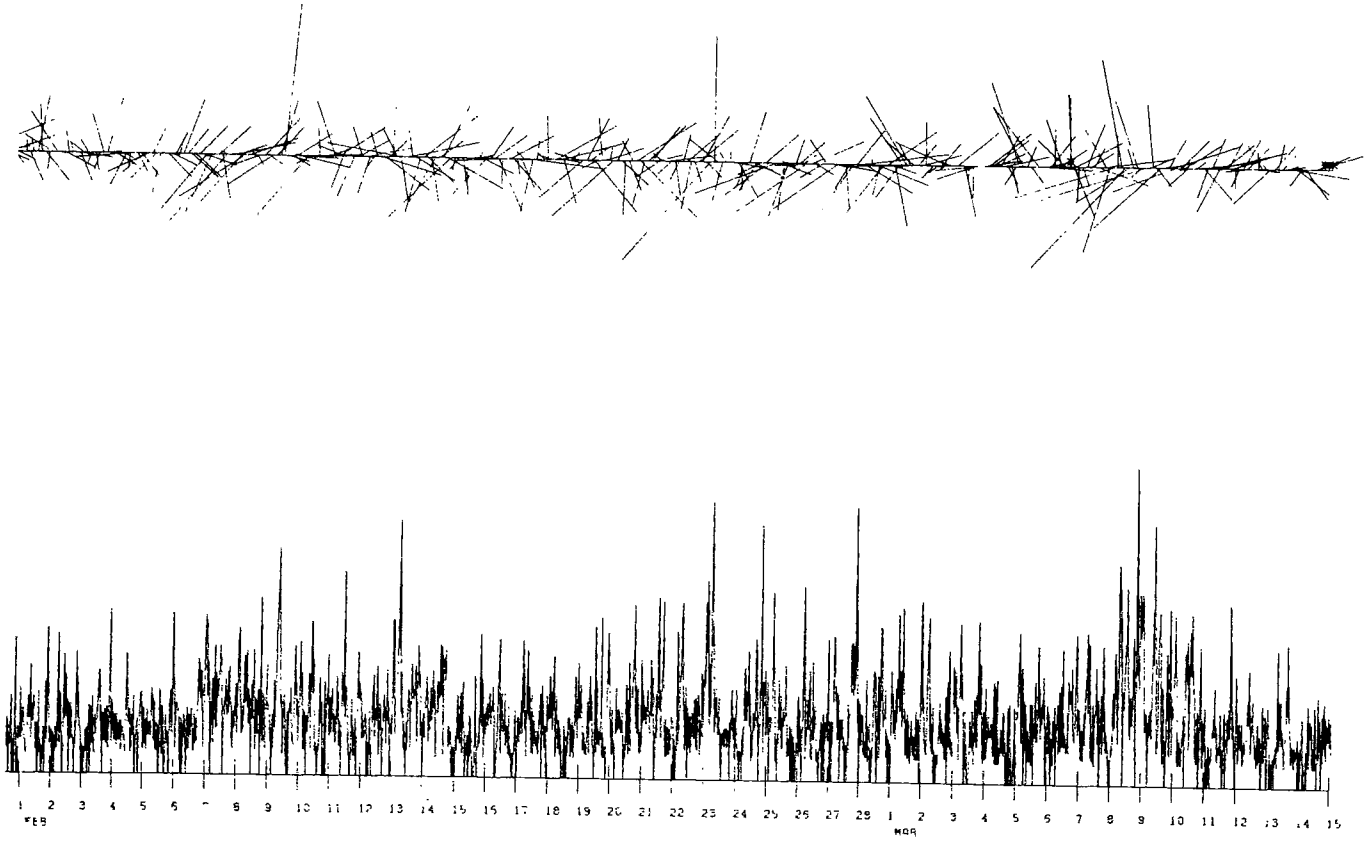


FIGURE G-9

VACM METER OCT. 1977 - FEB 1978

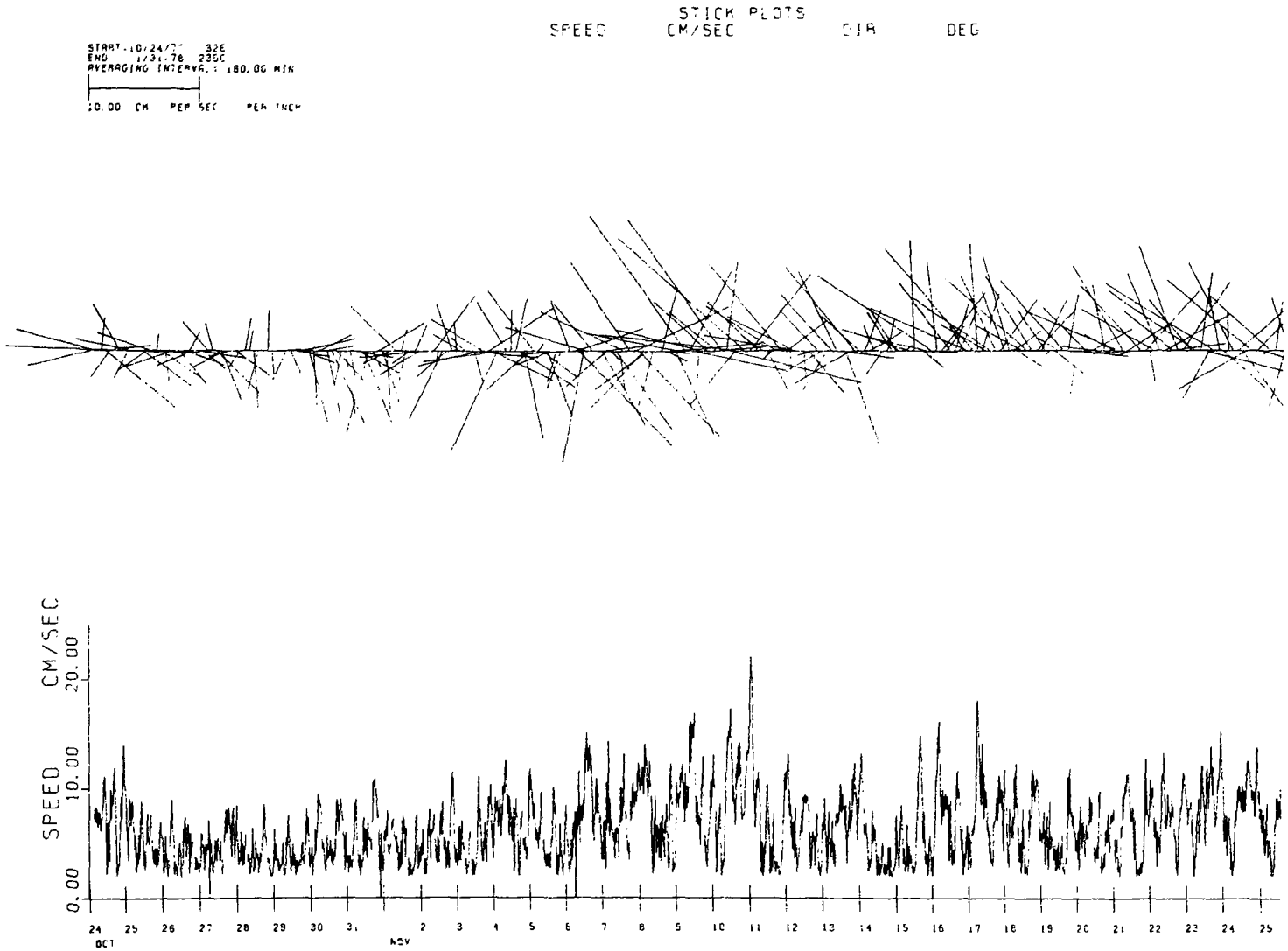


FIGURE G-10

VACM METER OCT 1977 - FEB 1978 - cont.

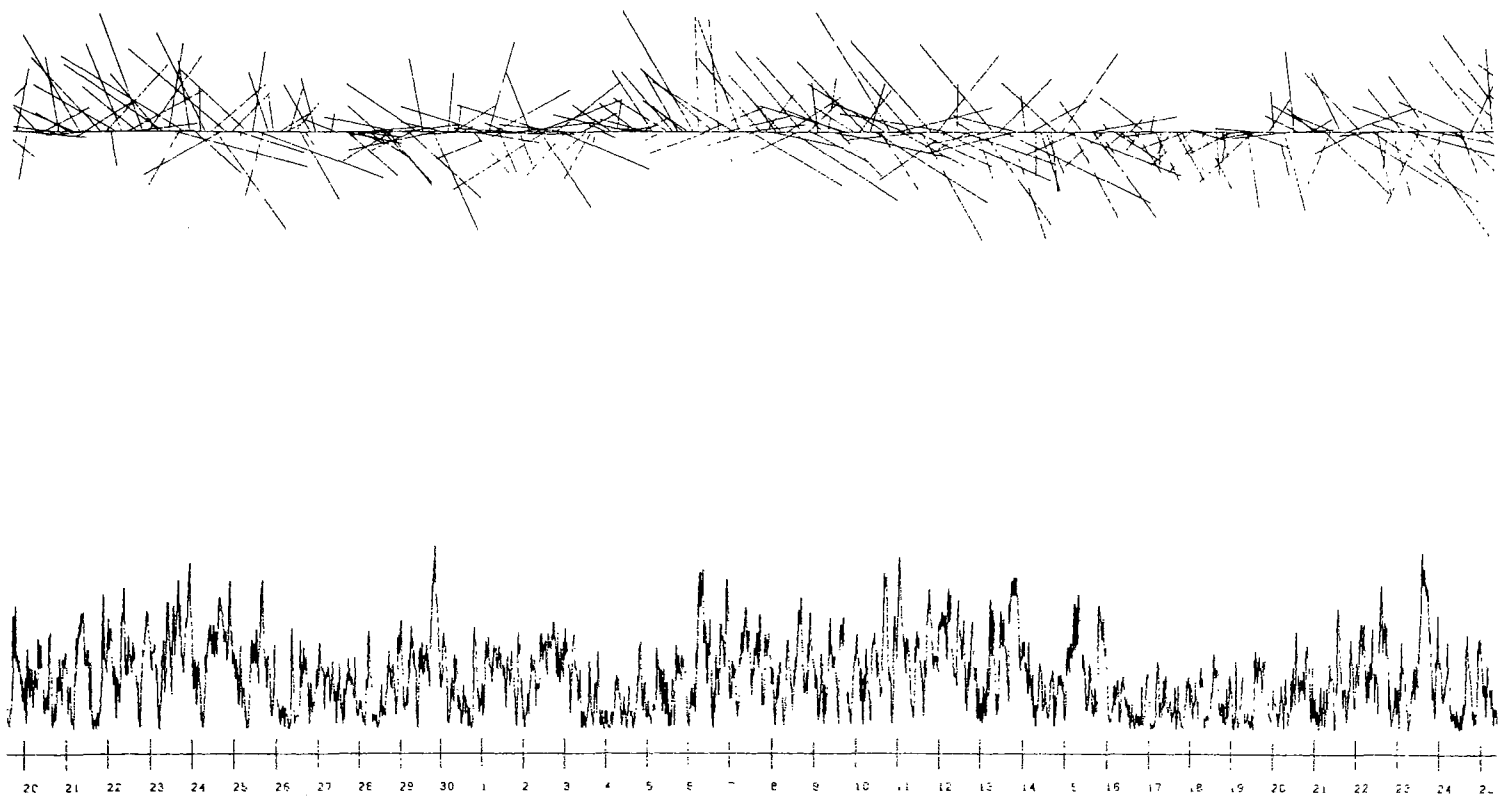


FIGURE G-11

VACM METER OCT 1977 - FEB 1978 - cont.

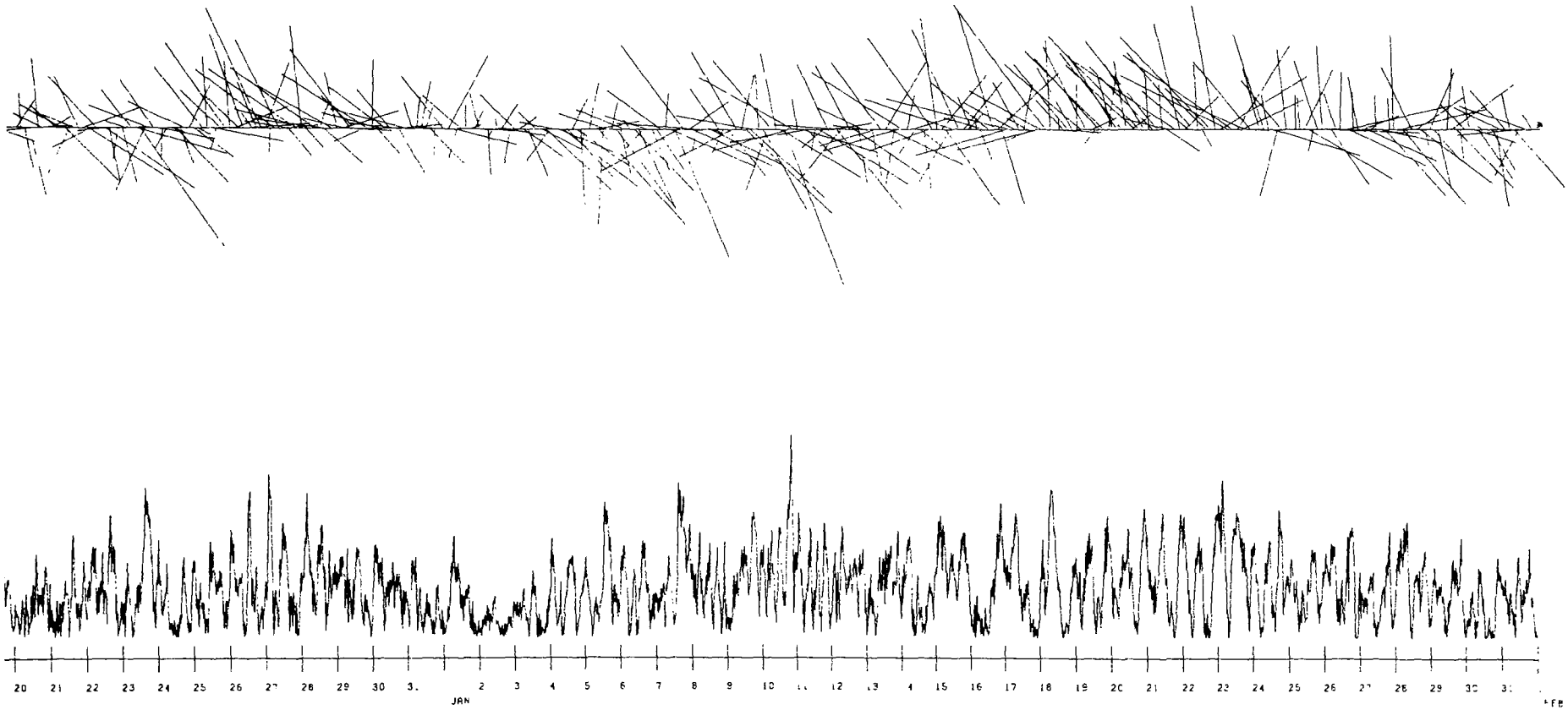


FIGURE G-12

VACM METER FEB 1978 - MAY 1978

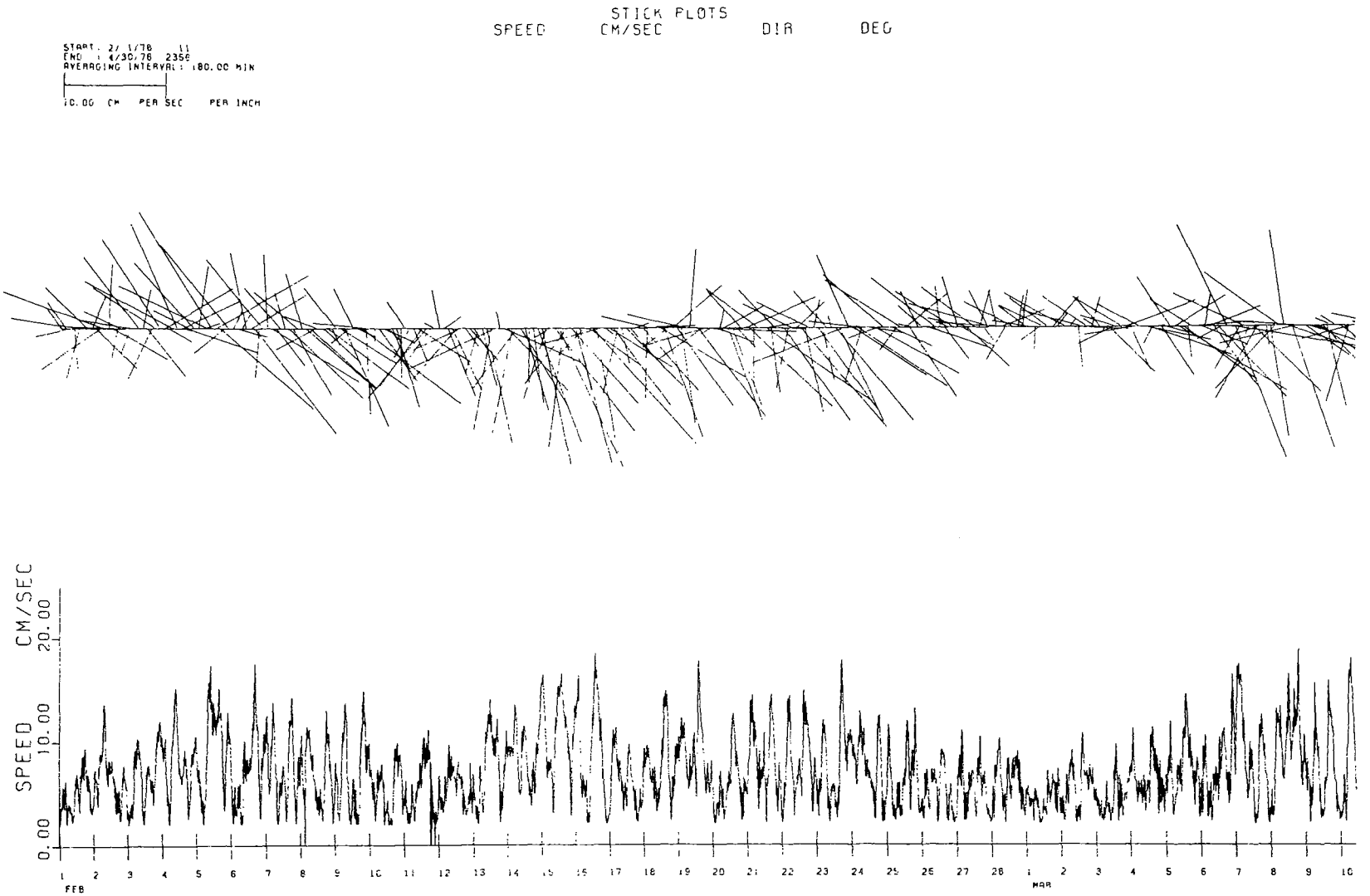


FIGURE G-13

VACM METER FEB 1978 - MAY 1978 - cont.

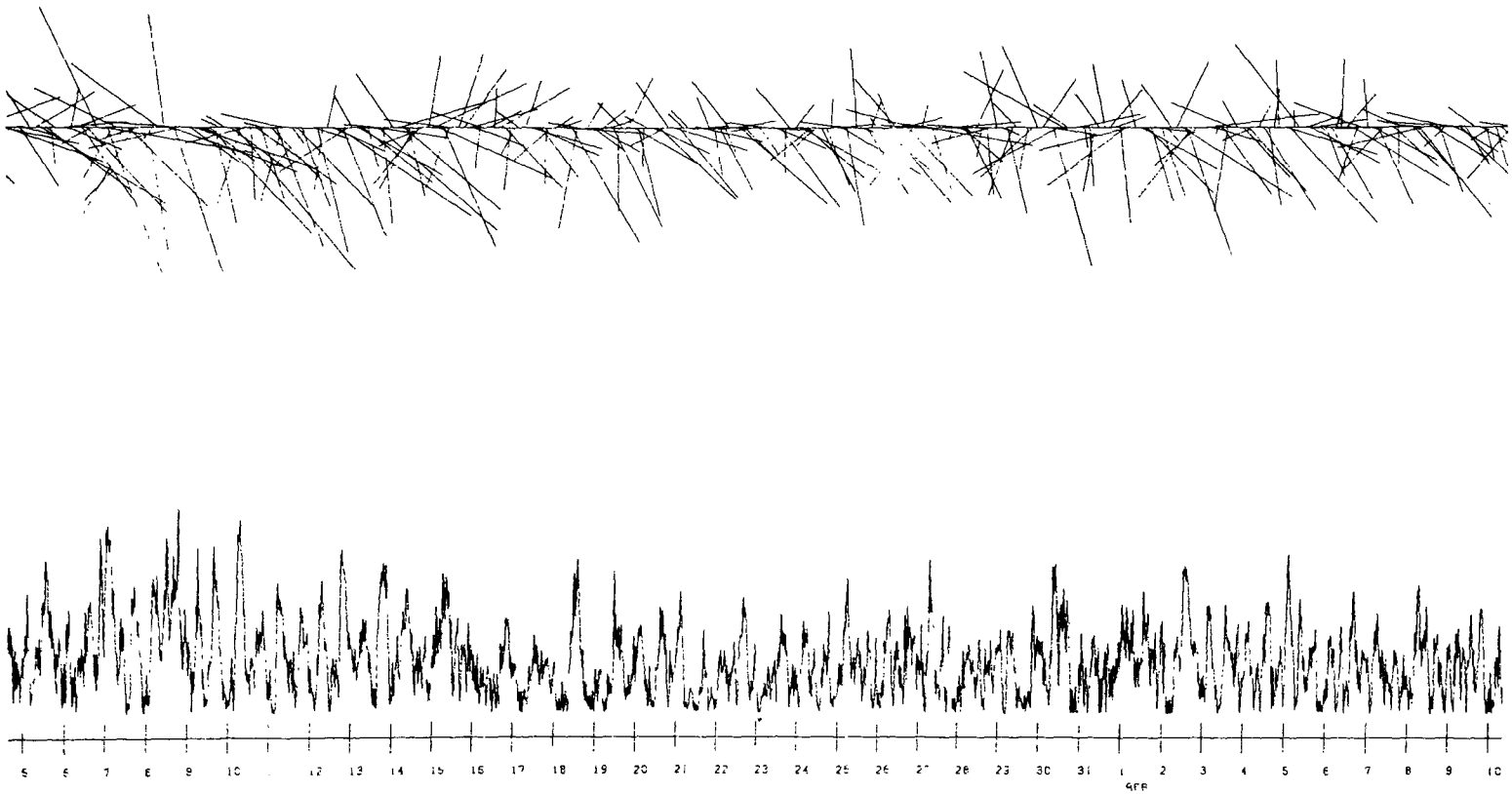


FIGURE G-14

VACM METER FEB 1978 - MAY 1978 - cont.

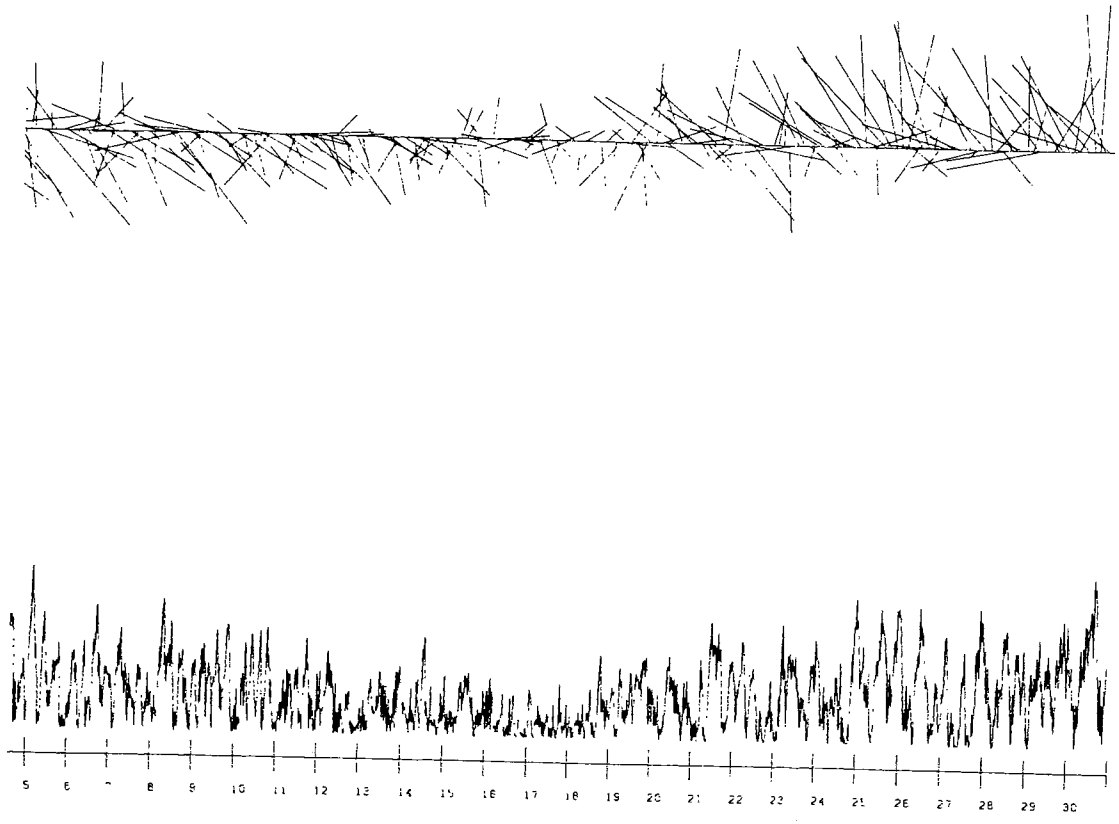


FIGURE G-15

VACM METER MAY 1978 - AUG 1978

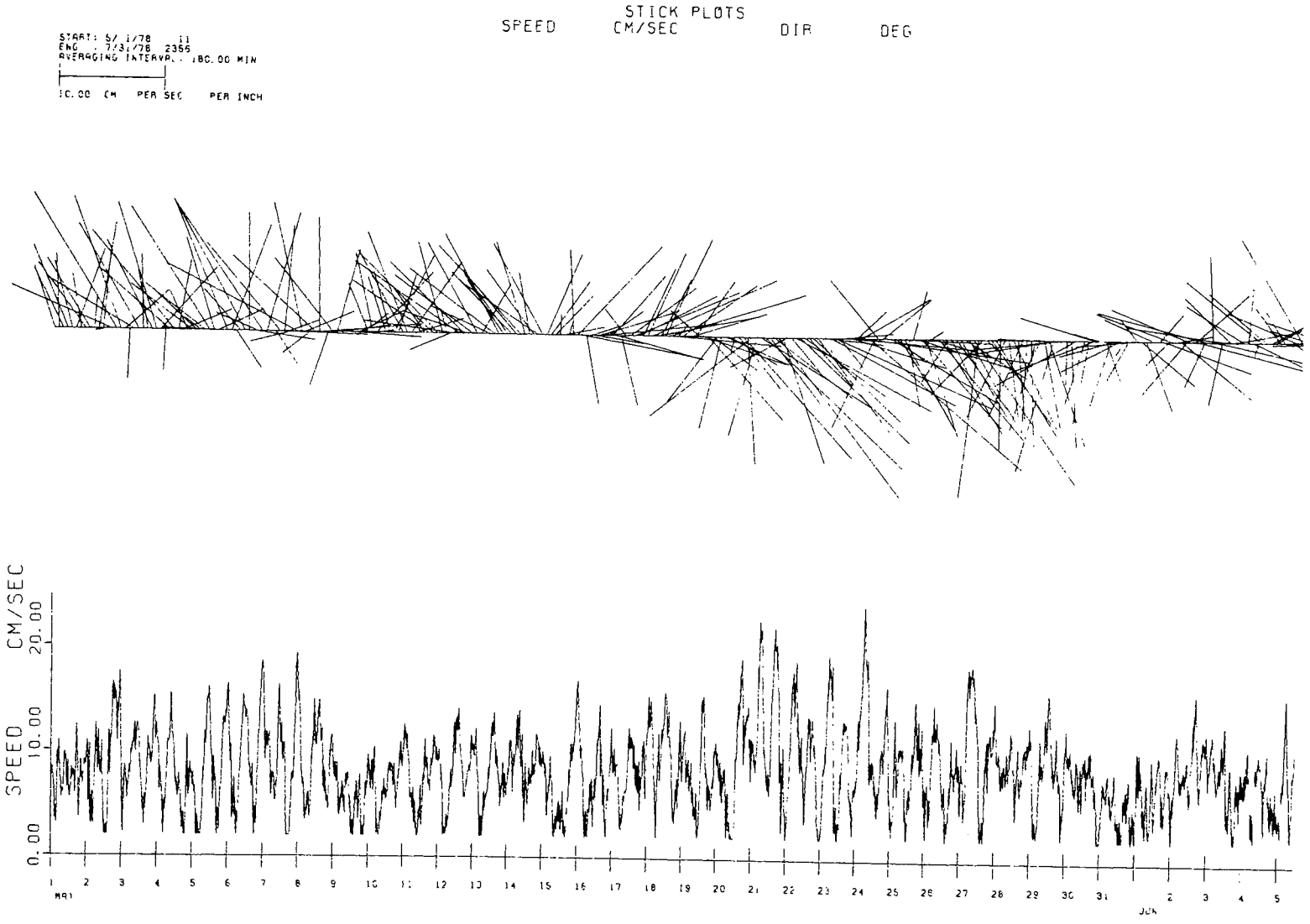


FIGURE G-16

VACM METER MAY 1978 - AUG 1978 - cont.

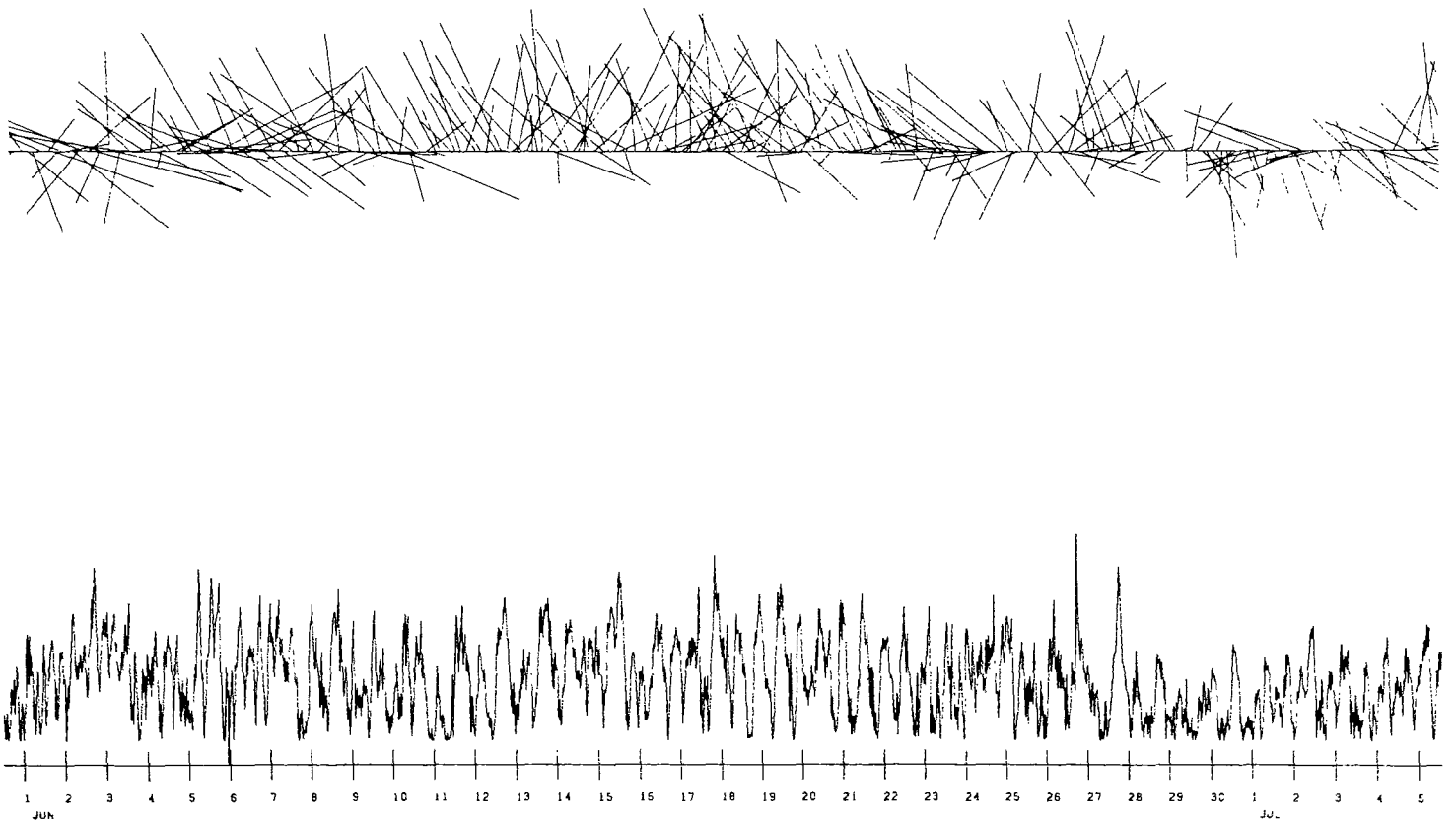


FIGURE G-17

VACM METER MAY 1978 - AUG 1978 - cont.

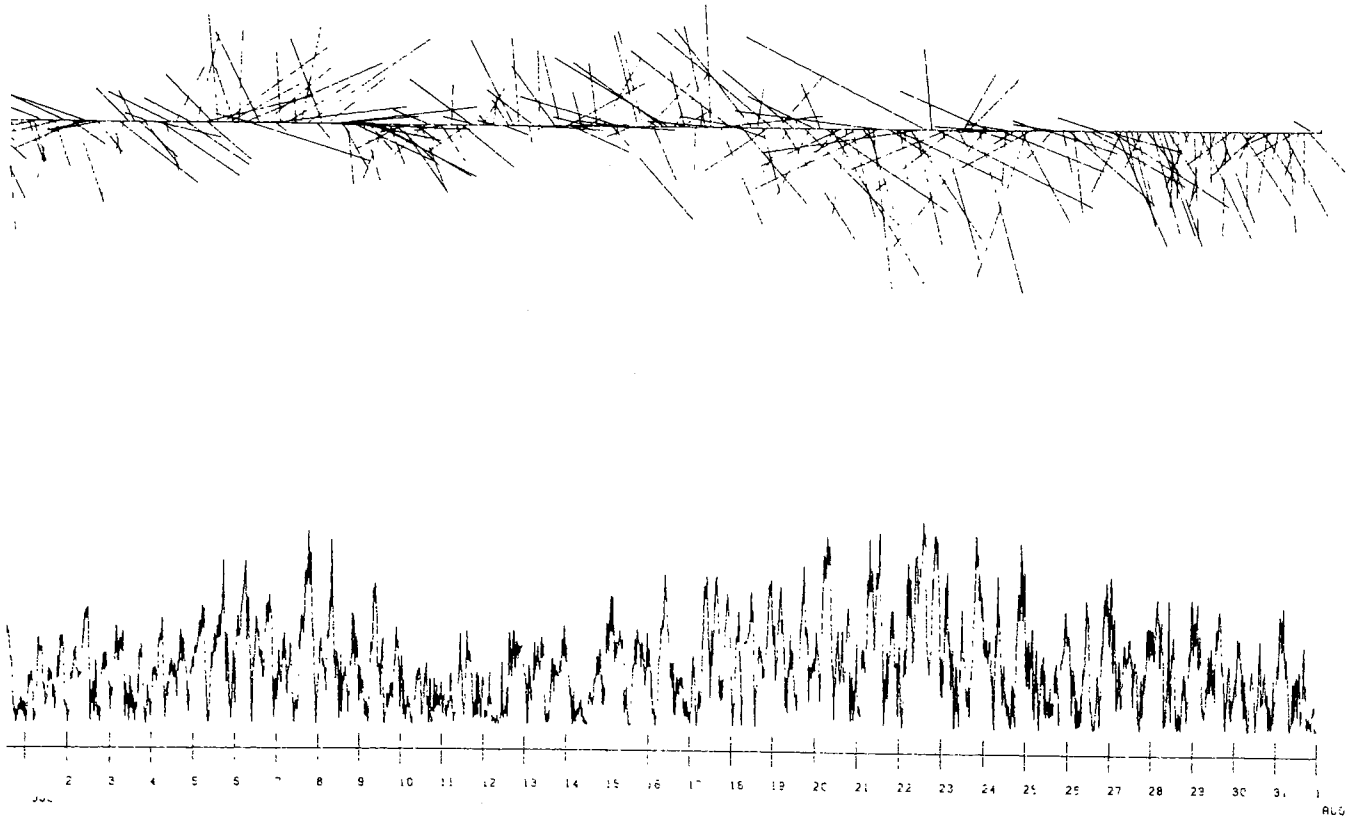


FIGURE G-18

VACM METER AUG 1978 - OCT 1978

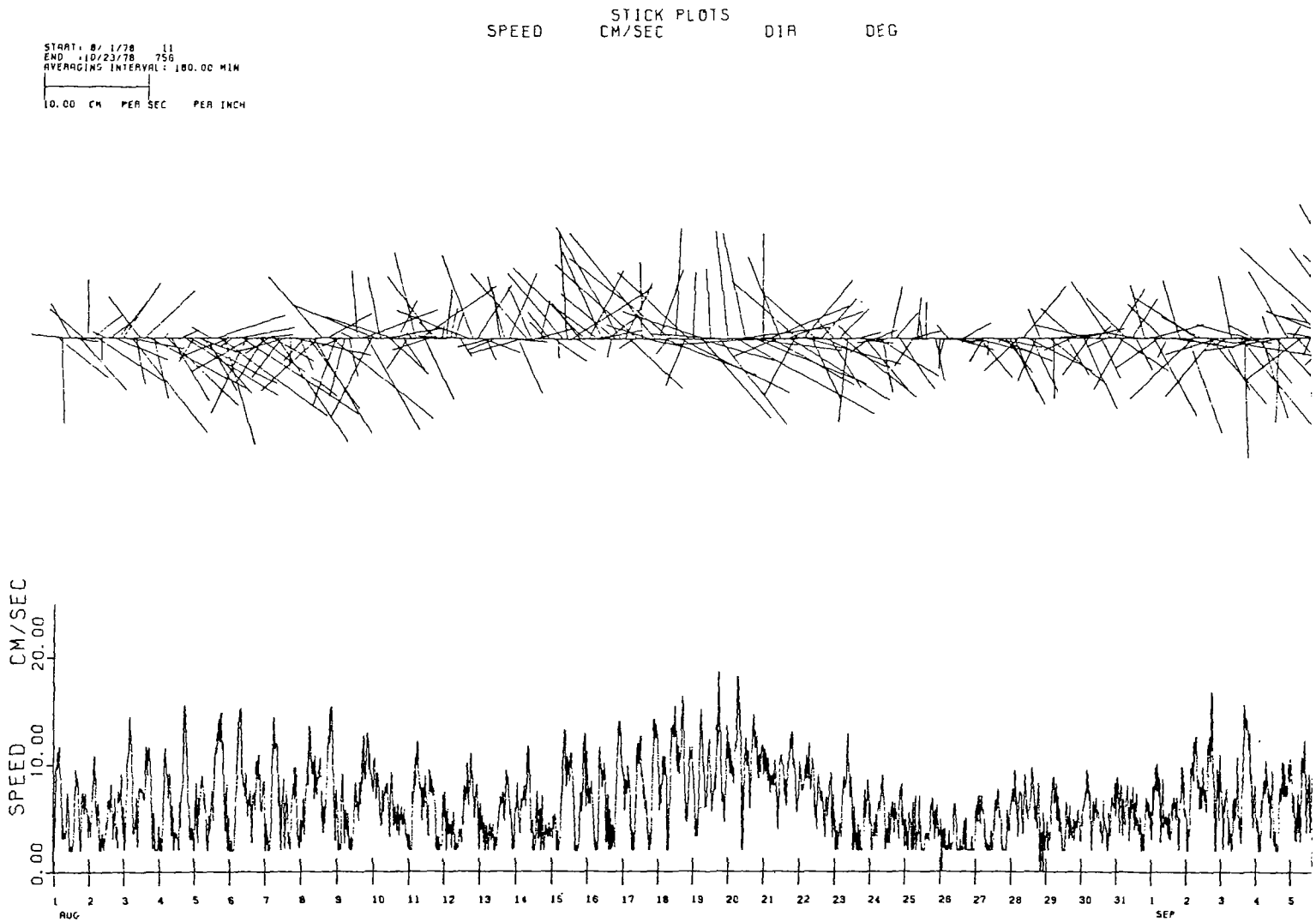


FIGURE G-19

VACM METER AUG 1978 - OCT 1978 - cont.

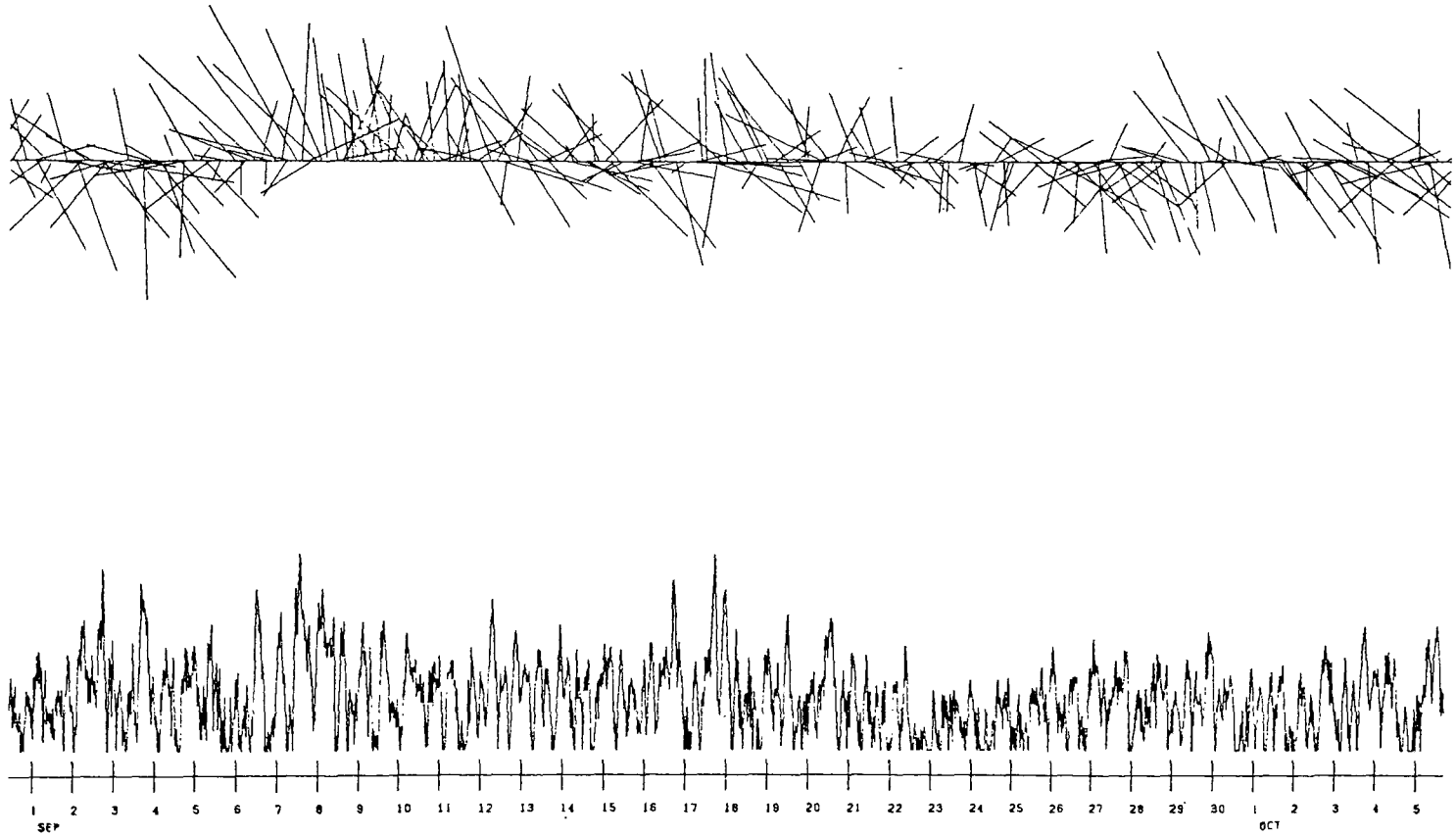


FIGURE G-20

VACM METER AUG 1978 - OCT 1978 - cont.

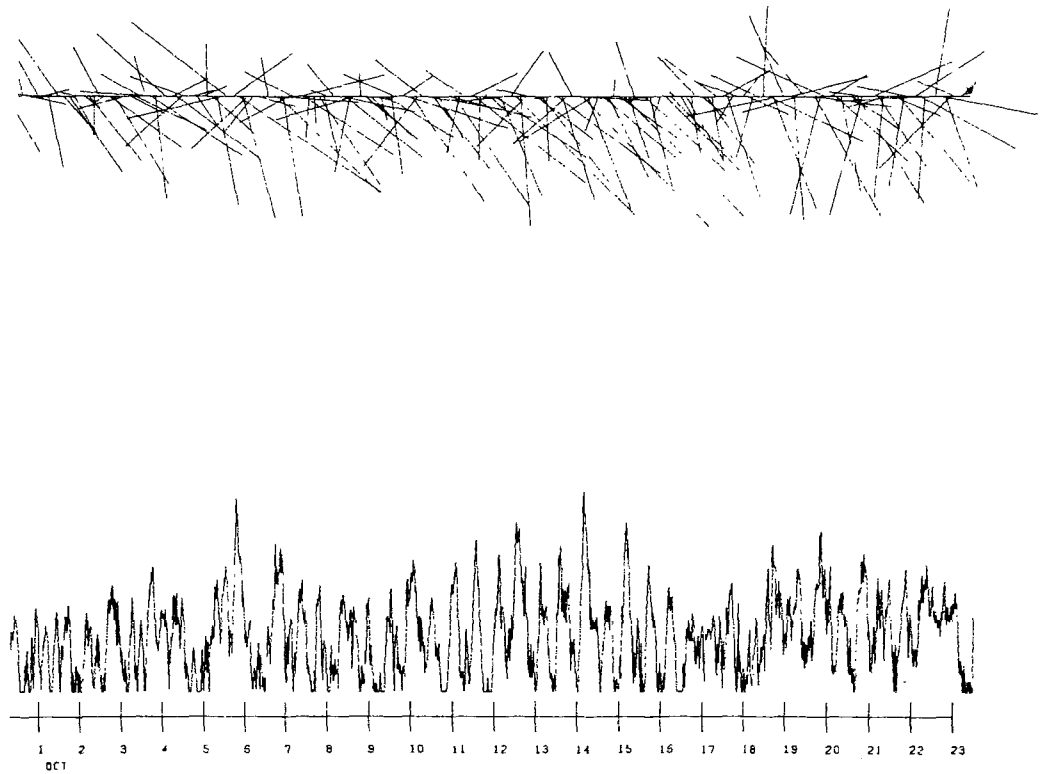


FIGURE G-21

Appendix H

SUMMARY STATISTICS - SPEED, NORTH, EAST COMPONENTS, COND

Appendix H contains daily, monthly, and total summary statistics for all the meters in the 1977-1978 survey. These tables are described in detail in Section 4 of the report. They are listed below:

Aanderaa #2830:	Summary Stats for Speed - Daily	Figures H-1 - H-3
Aanderaa #2830:	Summary Stats for Speed - Monthly	Figure H-4
Aanderaa #2830:	Summary Stats for Speed - Total	Figure H-5
Aanderaa #2918:	Summary Stats for Speed - Daily	Figures H-6 - H-7
Aanderaa #2918:	Summary Stats for Speed - Monthly	Figure H-8
Aanderaa #2918:	Summary Stats for Speed - Total	Figure H-9
Aanderaa #2919:	Summary Stats for Speed - Daily	Figures H-10 - H-12
Aanderaa #2919:	Summary Stats for Speed - Monthly	Figure H-13
Aanderaa #2919:	Summary Stats for Speed - Total	Figure H-14
Aanderaa #2920:	Summary Stats for Speed - Daily	Figures H-15 - H-17
Aanderaa #2920:	Summary Stats for Speed - Monthly	Figure H-18
Aanderaa #2920:	Summary Stats for Speed - Total	Figure H-19
VACM:	Summary Stats for Speed - Daily	Figures H-20 - H-27
VACM:	Summary Stats for Speed - Monthly	Figure H-28
VACM:	Summary Stats for Speed - Total	Figure H-29
Aanderaa #2830:	Summary Stats for North Current - Daily	Figures H-30 - H-32
Aanderaa #2830:	Summary Stats for North Current - Monthly	Figure H-33
Aanderaa #2830:	Summary Stats for North Current - Total	Figure H-34
Aanderaa #2918:	Summary Stats for North Current - Daily	Figures H-35 - H-36
Aanderaa #2918:	Summary Stats for North Current - Monthly	Figure H-37
Aanderaa #2918:	Summary Stats for North Current - Total	Figure H-38
Aanderaa #2919:	Summary Stats for North Current - Daily	Figures H-39 - H-41
Aanderaa #2919:	Summary Stats for North Current - Monthly	Figure H-42
Aanderaa #2919:	Summary Stats for North Current - Total	Figure H-43
Aanderaa #2920:	Summary Stats for North Current - Daily	Figures H-44 - H-46
Aanderaa #2920:	Summary Stats for North Current - Monthly	Figure H-47
Aanderaa #2920:	Summary Stats for North Current - Total	Figure H-48
VACM:	Summary Stats for North Current - Daily	Figures H-49 - H-56
VACM:	Summary Stats for North Current - Monthly	Figure H-57

VACM:	Summary Stats for North Current - Total	Figure H-58
Aanderaa #2830:	Summary Stats for East Current - Daily	Figures H-59 - H-61
Aanderaa #2830:	Summary Stats for East Current - Monthly	Figure H-62
Aanderaa #2830:	Summary Stats for East Current - Total	Figure H-63
Aanderaa #2918:	Summary Stats for East Current - Daily	Figures H-64 - H-65
Aanderaa #2918:	Summary Stats for East Current - Monthly	Figure H-66
Aanderaa #2918:	Summary Stats for East Current - Total	Figure H-67
Aanderaa #2919:	Summary Stats for East Current - Daily	Figures H-68 - H-70
Aanderaa #2919:	Summary Stats for East Current - Monthly	Figure H-71
Aanderaa #2919:	Summary Stats for East Current - Total	Figure H-72
Aanderaa #2920:	Summary Stats for East Current - Daily	Figures H-73 - H-75
Aanderaa #2920:	Summary Stats for East Current - Monthly	Figure H-76
Aanderaa #2920:	Summary Stats for East Current - Total	Figure H-77
VACM:	Summary Stats for East Current - Daily	Figures H-78 - H-85
VACM:	Summary Stats for East Current - Monthly	Figure H-86
VACM:	Summary Stats for East Current - Total	Figure H-87
Aanderaa #2920:	Summary Stats for Cond - Daily	Figures H-88 - H-90
Aanderaa #2920:	Summary Stats for Cond - Monthly	Figure H-91
Aanderaa #2920:	Summary Stats for Cond - Total	Figure H-92

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	2	7.96	2	14	3.11	.15	1.82
10	27	77	2	8.31	0	20	4.51	.53	2.63
10	28	77	2	6.56	0	13	2.81	.13	2.82
10	29	77	2	5.72	0	10	2.36	-.66	3.03
10	30	77	2	5.21	0	12	3.20	.25	2.26
10	31	77	2	7.78	3	13	2.41	.31	2.27
11	1	77	2	3.94	0	12	3.41	.46	2.24
11	2	77	2	7.31	0	14	3.49	-.13	2.37
11	3	77	2	5.53	0	16	4.86	.60	2.25
11	4	77	2	5.46	0	11	2.65	-.12	2.79
11	5	77	2	5.31	0	13	3.10	-.21	2.73
11	6	77	2	6.95	0	17	3.91	.28	2.34
11	7	77	2	5.29	0	14	4.25	-.10	1.73
11	8	77	2	9.61	0	16	3.59	-.75	3.01
11	9	77	2	6.19	0	14	3.78	-.02	2.13
11	10	77	2	5.56	0	10	1.95	-.07	2.97
11	11	77	2	6.32	2	12	2.74	.18	2.12
11	12	77	2	4.47	0	11	2.54	-.18	2.81
11	13	77	2	6.40	0	12	2.88	-.20	2.60
11	14	77	2	4.97	0	10	1.97	-.75	3.46
11	15	77	2	2.95	0	11	2.63	.46	2.50
11	16	77	2	5.24	0	10	1.82	-.45	3.90
11	17	77	2	3.50	0	8	2.33	-.19	2.04
11	18	77	2	5.51	0	14	2.69	.82	4.46
11	19	77	2	4.35	0	10	2.53	-.42	2.44
11	20	77	2	7.35	0	15	3.45	-.13	2.89
11	21	77	2	8.60	0	17	4.33	-.05	1.99
11	22	77	2	6.50	0	17	4.27	.19	2.30
11	23	77	2	6.98	0	14	3.58	-.04	2.37
11	24	77	2	6.19	0	12	2.96	-.07	2.18
11	25	77	2	5.48	0	18	4.45	.62	2.60
11	26	77	2	4.74	0	12	2.86	-.24	2.57
11	27	77	2	4.69	0	10	2.67	-.17	2.17
11	28	77	2	3.99	0	8	2.16	-.43	2.27
11	29	77	2	5.95	0	13	3.72	.09	1.84
11	30	77	2	7.35	3	13	2.44	.33	2.30
12	1	77	2	10.20	0	16	4.00	-.44	2.25
12	2	77	2	8.31	0	17	4.76	-.10	1.85
12	3	77	2	4.57	0	11	3.11	-.04	2.02
12	4	77	2	6.27	0	14	3.32	.81	3.29
12	5	77	2	7.89	4	17	2.93	1.18	4.29
12	6	77	2	4.68	0	12	3.09	.54	3.11
12	7	77	2	7.32	2	14	3.43	.48	2.10
12	8	77	2	6.75	0	14	3.58	.30	2.42
12	9	77	2	6.35	0	17	4.04	.74	2.92
12	10	77	2	7.44	0	12	2.69	-.44	2.93
12	11	77	2	5.13	0	12	3.11	.29	2.36
12	12	77	2	3.78	0	8	2.38	-.29	2.00
12	13	77	2	4.28	0	10	2.59	-.18	2.48

FIGURE H-1

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	2	4.33	0	9	2.55	-.36	2.03
12	15	77	2	2.36	0	6	1.72	-.57	2.25
12	16	77	2	4.43	0	10	2.36	-.38	2.59
12	17	77	2	2.96	0	7	2.05	.00	2.12
12	18	77	2	5.54	0	11	2.03	.51	3.58
12	19	77	2	6.33	2	14	2.91	.79	3.20
12	20	77	2	5.16	0	11	2.68	-.13	2.62
12	21	77	2	8.29	0	17	4.61	.04	2.15
12	22	77	2	8.40	0	18	4.47	-.23	2.31
12	23	77	2	6.52	0	15	3.60	.34	2.51
12	24	77	2	6.30	0	17	4.59	.76	2.84
12	25	77	2	5.46	0	12	3.19	.04	2.31
12	26	77	2	6.05	0	15	4.01	.56	2.44
12	27	77	2	6.90	0	14	3.34	.22	2.59
12	28	77	2	5.70	0	14	2.86	.44	3.42
12	29	77	2	6.37	0	13	3.11	.08	2.75
12	30	77	2	4.20	0	9	2.21	-.16	2.78
12	31	77	2	4.09	0	8	2.17	-.71	2.77
1	1	78	2	4.07	0	14	4.12	.85	2.67
1	2	78	2	3.50	0	13	2.88	.73	3.49
1	3	78	2	4.55	0	10	2.67	-.30	2.20
1	4	78	2	3.37	0	11	2.94	.44	2.37
1	5	78	2	4.35	0	11	2.77	.06	2.51
1	6	78	2	3.66	0	9	2.26	-.11	2.28
1	7	78	2	3.88	0	9	2.41	-.23	2.16
1	8	78	2	4.90	0	13	2.68	.25	3.44
1	9	78	2	4.65	0	10	2.77	-.19	2.00
1	10	78	2	5.52	0	14	2.92	.42	3.30
1	11	78	2	3.78	0	7	2.05	-.54	2.21
1	12	78	2	3.52	0	8	2.73	-.04	1.52
1	13	78	2	6.54	0	13	3.13	.11	2.60
1	14	78	2	4.34	0	8	1.77	-.64	3.07
1	15	78	2	6.37	4	11	1.61	.77	3.36
1	16	78	2	6.02	0	14	3.58	.33	2.76
1	17	78	2	4.81	0	11	2.63	.02	2.60
1	18	78	2	4.70	0	10	2.59	.11	2.52
1	19	78	2	5.50	0	14	3.27	.47	3.16
1	20	78	2	4.25	0	11	2.83	.20	2.63
1	21	78	2	4.32	0	9	2.05	-.59	3.24
1	22	78	2	5.08	0	11	2.74	.22	2.89
1	23	78	2	4.35	0	10	2.48	-.45	2.74
1	24	78	2	3.98	0	10	2.79	.09	1.97
1	25	78	2	3.31	0	8	2.09	-.10	2.04
1	26	78	2	2.30	0	7	2.09	-.05	1.85
1	27	78	2	2.61	0	6	1.81	-.17	1.93
1	28	78	2	3.12	0	9	2.11	.30	2.71
1	29	78	2	2.87	0	6	1.83	-.22	1.94
1	30	78	2	1.77	0	6	1.79	.35	1.61
1	31	78	2	1.52	0	5	1.67	.53	1.88
2	1	78	2	2.11	0	8	2.08	.66	2.73

Figure H-2

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	2	4.10	0	7	1.82	-.66	2.87
2	3	78	2	3.83	0	7	1.92	-.49	2.58
2	4	78	2	4.06	0	11	3.21	.18	1.67
2	5	78	2	4.18	0	9	2.43	-.38	2.13
2	6	78	2	4.48	0	10	2.38	-.09	2.45
2	6	78	2342	5.90	2	12	2.63	.72	2.67

FIGURE H-3

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	2	6.46	0	20	3.51	.36	3.38
12	1	77	2	6.07	0	18	3.60	.34	2.84
1	1	78	2	5.72	0	18	3.58	.61	3.30
2	1	78	2	4.09	0	14	2.79	.36	3.09
2	6	78	2342	4.42	0	12	2.52	.14	2.98

FIGURE H-4

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	6	78	2342	5.31	0	20	3.43	.56	3.33

FIGURE H-5

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	15	5.35	2	11	2.43	.04	2.17
10	27	77	15	4.09	2	11	2.21	.72	2.99
10	28	77	15	5.59	2	11	2.43	.03	2.16
10	29	77	15	6.04	2	15	3.19	.67	3.27
10	30	77	15	4.81	2	12	2.55	.60	2.82
10	31	77	15	4.86	2	10	2.79	.11	1.47
11	1	77	15	5.55	2	13	3.56	.60	2.01
11	2	77	15	4.26	2	12	2.20	.76	3.74
11	3	77	15	4.36	2	10	2.35	.55	2.19
11	4	77	15	4.99	2	11	2.55	.18	1.89
11	5	77	15	5.67	2	16	3.54	1.10	3.72
11	6	77	15	4.69	2	9	2.06	-.05	1.93
11	7	77	15	6.40	2	15	3.11	.28	2.52
11	8	77	15	8.49	2	20	4.52	.53	2.41
11	9	77	15	7.20	2	14	3.37	.29	2.26
11	10	77	15	9.21	2	22	5.03	.67	2.61
11	11	77	15	8.19	2	16	3.96	-.06	1.94
11	12	77	15	7.40	2	25	5.59	1.50	4.94
11	13	77	15	6.68	2	16	3.49	.51	2.40
11	14	77	15	5.34	2	13	3.86	.79	3.20
11	15	77	15	5.08	2	11	2.60	.32	2.29
11	16	77	15	5.23	2	11	2.41	.22	2.11
11	17	77	15	6.78	2	12	2.35	.13	2.38
11	18	77	15	5.57	2	14	3.39	.55	2.19
11	19	77	15	7.99	2	24	4.84	.66	3.16
11	20	77	15	7.22	2	20	5.06	.90	2.76
11	21	77	15	5.59	2	13	2.83	.31	2.32
11	22	77	15	6.16	2	12	2.40	-.10	2.48
11	23	77	15	6.06	2	18	3.83	.77	2.94
11	24	77	15	7.33	2	25	4.71	1.68	6.45
11	25	77	15	3.95	2	10	2.14	.86	3.29
11	26	77	15	5.69	2	11	2.71	.21	2.05
11	27	77	15	7.17	2	14	3.15	.10	2.03
11	28	77	15	5.71	2	16	3.91	.87	2.86
11	29	77	15	8.35	2	24	4.82	.81	3.27
11	30	77	15	7.13	2	20	4.23	.86	3.78
12	1	77	15	7.28	2	18	4.41	.69	2.51
12	2	77	15	5.36	2	11	2.66	.07	1.97
12	3	77	15	8.32	2	26	4.93	.55	3.54
12	4	77	15	6.80	2	19	4.28	.72	2.88
12	5	77	15	5.43	2	13	3.17	.48	2.27
12	6	77	15	5.30	2	13	2.33	.87	4.33
12	7	77	15	4.68	2	15	3.68	1.36	3.77
12	8	77	15	6.91	2	18	4.42	.45	2.26
12	9	77	15	2.86	0	22	4.39	3.29	12.78
12	10	77	15	4.25	0	13	3.42	.93	2.72
12	11	77	15	2.63	0	16	3.13	3.02	11.21
12	12	77	15	5.60	2	21	4.75	1.38	4.43
12	13	77	15	1.96	0	9	1.84	2.04	7.56

FIGURE H-6

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2911 SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2913 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	15	3.45	0	19	3.68	2.18	7.49
12	15	77	15	3.74	0	14	2.71	1.19	3.87
12	16	77	15	11.19	2	29	7.58	.75	2.34
12	17	77	15	7.39	2	23	5.07	1.49	4.65
12	18	77	15	6.23	2	15	3.50	.69	3.13
12	19	77	15	8.53	2	17	4.74	.15	1.77
12	20	77	15	9.21	2	20	4.58	.56	2.39
12	20	77	15	9.21	#######	#######	4.58	.56	2.39

FIGURE H-7

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	15	5.25	2	15	2.84	.55	2.80
12	1	77	15	6.35	2	25	3.83	1.15	4.89
12	20	77	15	5.71	0	29	4.71	1.44	5.37

FIGURE H-8

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	20	77	15	6.00	0	29	4.07	1.29	5.40

FIGURE H-9

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	8	6.18	3	11	1.73	.40	2.90
10	27	77	8	5.28	2	17	3.56	1.30	4.25
10	28	77	8	6.67	2	14	3.24	.14	1.80
10	29	77	8	6.37	2	13	2.60	.45	3.06
10	30	77	8	5.70	2	12	2.79	.43	2.30
10	31	77	8	4.38	2	8	1.68	-.15	1.96
11	1	77	8	5.71	0	17	3.63	1.06	3.61
11	2	77	8	4.82	2	11	2.34	.37	2.45
11	3	77	8	5.45	2	15	3.02	.77	3.37
11	4	77	8	6.48	2	18	3.27	1.01	4.25
11	5	77	8	4.81	2	10	2.57	.31	1.90
11	6	77	8	5.57	2	14	2.59	.45	3.20
11	7	77	8	7.61	2	13	2.45	-.36	2.81
11	8	77	8	10.02	2	22	4.35	.19	2.92
11	9	77	8	8.42	2	20	3.52	.95	4.41
11	10	77	8	7.43	2	20	4.97	.62	2.39
11	11	77	8	6.61	0	21	4.46	1.18	4.01
11	12	77	8	5.83	2	13	3.06	.41	2.13
11	13	77	8	5.18	2	11	2.26	.28	2.31
11	14	77	8	4.94	2	12	2.24	.80	3.96
11	15	77	8	4.79	2	10	2.51	.40	1.95
11	16	77	8	5.25	2	13	2.26	.51	3.47
11	17	77	8	5.99	2	13	2.42	.22	3.03
11	18	77	8	5.65	2	13	3.42	.37	1.71
11	19	77	8	8.04	2	15	3.40	.16	2.32
11	20	77	8	7.53	2	19	3.90	.90	3.68
11	21	77	8	5.74	2	15	3.27	.84	3.28
11	22	77	8	6.55	2	14	3.01	.35	2.58
11	23	77	8	8.38	2	22	4.32	1.43	5.05
11	24	77	8	5.47	2	13	2.60	.35	2.50
11	25	77	8	4.70	2	9	2.23	.09	1.59
11	26	77	8	7.07	2	17	3.31	.51	2.81
11	27	77	8	8.49	2	25	5.25	1.27	4.25
11	28	77	8	8.15	2	22	5.54	.88	2.82
11	29	77	8	8.48	2	20	3.78	.55	3.50
11	30	77	8	6.35	2	17	3.77	1.17	4.04
12	1	77	8	7.53	2	19	3.66	.88	3.42
12	2	77	8	6.39	2	12	2.50	.14	2.38
12	3	77	8	6.36	0	21	4.20	.58	3.01
12	4	77	8	7.01	2	16	3.44	.57	2.96
12	5	77	8	5.36	2	11	2.51	-.26	2.02
12	6	77	8	4.80	0	12	2.82	.64	2.49
12	7	77	8	8.44	2	18	4.13	.34	2.65
12	8	77	8	8.83	2	19	4.11	.26	2.21
12	9	77	8	10.07	2	27	4.95	.78	3.67
12	10	77	8	8.10	2	22	4.15	.67	3.59
12	11	77	8	8.02	2	26	5.37	1.29	4.54
12	12	77	8	9.14	2	25	5.07	1.50	4.91
12	13	77	8	8.66	2	27	5.76	1.47	4.79

FIGURE H-10

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	8	9.50	2	25	4.85	1.15	5.26
12	15	77	8	10.21	2	26	5.72	1.15	3.97
12	16	77	8	10.34	3	30	6.65	1.12	3.46
12	17	77	8	5.76	2	20	3.79	1.53	5.52
12	18	77	8	7.32	2	14	2.98	.02	2.36
12	19	77	8	9.75	2	20	4.15	.29	2.41
12	20	77	8	6.98	2	20	4.25	.89	3.35
12	21	77	8	5.23	2	11	2.30	.45	2.42
12	22	77	8	5.48	2	12	2.54	.29	2.37
12	23	77	8	8.48	2	24	5.24	1.03	3.81
12	24	77	8	9.16	2	28	5.67	1.21	4.28
12	25	77	8	7.33	2	16	3.64	.70	2.59
12	26	77	8	6.64	2	16	3.65	.62	2.83
12	27	77	8	7.56	2	17	3.59	.54	2.95
12	28	77	8	7.38	2	16	3.29	.45	2.95
12	29	77	8	7.66	2	17	3.63	.49	2.76
12	30	77	8	5.90	2	17	3.78	.88	3.11
12	31	77	8	6.48	2	18	3.66	.75	3.20
1	1	78	8	6.18	2	12	2.61	.03	2.39
1	2	78	8	5.95	2	14	3.09	.55	2.53
1	3	78	8	5.95	2	12	2.50	.47	2.59
1	4	78	8	5.32	2	11	2.15	.35	2.55
1	5	78	8	5.67	2	11	2.37	.34	2.42
1	6	78	8	6.69	2	15	3.57	.18	1.87
1	7	78	8	6.82	2	18	3.00	1.20	5.21
1	8	78	8	9.13	2	23	5.38	.68	2.92
1	9	78	8	10.65	2	30	7.40	.98	2.95
1	10	78	8	10.53	2	30	6.44	.86	3.41
1	11	78	8	11.98	3	40	9.01	1.67	4.95
1	12	78	8	10.11	2	29	5.18	1.27	5.16
1	13	78	8	13.56	4	30	6.99	.89	2.78
1	14	78	8	8.60	2	24	3.87	1.54	6.32
1	15	78	8	6.76	2	17	4.06	.62	2.50
1	16	78	8	6.13	2	14	2.36	.25	3.15
1	17	78	8	5.98	2	13	2.53	.36	2.96
1	18	78	8	5.76	2	12	2.92	.15	1.83
1	19	78	8	6.07	2	16	2.88	1.00	4.02
1	20	78	8	6.97	2	15	2.93	-.20	2.48
1	21	78	8	6.66	2	18	3.71	.75	3.13
1	22	78	8	10.23	2	28	7.26	.94	3.10
1	23	78	8	10.51	2	23	4.88	.40	2.56
1	24	78	8	9.23	2	28	7.24	1.22	3.63
1	25	78	8	9.63	2	20	3.80	.59	3.42
1	26	78	8	8.74	2	28	5.74	1.07	3.81
1	27	78	8	8.04	0	26	6.07	1.40	4.61
1	28	78	8	7.47	2	16	2.59	.66	3.85
1	29	78	8	6.20	2	14	2.93	.42	2.52
1	30	78	8	9.05	2	21	4.54	.75	3.30
1	31	78	8	6.34	2	15	3.34	.24	2.30
2	1	78	8	6.23	2	13	3.12	.40	2.05

FIGURE H-11

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	8	8.57	2	25	5.17	.85	3.40
2	3	78	8	4.50	2	13	2.46	.83	3.18
2	4	78	8	7.28	2	14	2.90	-.13	2.43
2	5	78	8	7.32	2	21	3.88	.90	4.59
2	6	78	8	7.48	2	22	4.06	1.37	5.50
2	7	78	8	9.61	2	24	5.46	.51	2.25
2	8	78	8	11.73	2	26	5.58	.56	2.92
2	9	78	8	10.88	2	25	5.31	.52	2.79
2	10	78	8	12.73	2	31	7.01	.73	2.65
2	11	78	8	13.13	2	30	6.55	.57	2.73
2	12	78	8	14.25	2	28	6.50	.16	2.38
2	13	78	8	11.29	4	29	5.67	.78	3.09
2	14	78	8	10.00	2	25	5.33	.50	2.62
2	15	78	8	6.36	2	14	3.53	.27	2.03
2	16	78	8	8.65	2	21	4.71	.83	2.99
2	17	78	8	7.21	2	16	3.40	.19	2.36
2	18	78	8	5.53	2	12	2.84	.52	2.44
2	19	78	8	9.30	2	19	4.00	-.15	2.15
2	20	78	8	10.16	2	23	4.80	.40	2.78
2	21	78	8	9.72	2	22	4.38	.51	2.76
2	22	78	8	8.50	2	21	4.48	.90	3.13
2	23	78	8	9.23	2	22	4.50	.74	3.29
2	24	78	8	7.78	2	21	6.14	1.00	2.57
2	25	78	8	13.79	2	33	7.90	.80	2.51
2	26	78	8	8.20	2	24	4.62	1.42	5.27
2	27	78	8	8.65	2	25	4.36	1.57	6.45
2	28	78	8	6.43	2	15	3.00	.22	2.94
3	1	78	8	6.15	2	21	3.81	1.34	5.35
3	2	78	8	5.17	2	14	2.55	.95	4.39
3	3	78	8	6.95	2	17	4.03	.83	2.92
3	4	78	8	5.47	2	14	3.14	.39	2.14
3	5	78	8	8.08	2	24	5.05	1.44	4.74
3	6	78	8	9.01	2	26	4.76	1.39	5.43
3	7	78	8	9.48	2	19	4.10	.41	2.76
3	8	78	8	9.94	2	21	4.26	.09	2.28
3	9	78	8	13.23	2	25	6.27	.08	1.86
3	10	78	8	11.16	2	21	4.41	-.05	2.53
3	10	78	748	4.93	2	9	2.33	.27	2.03

FIGURE H-12

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	8	5.74	0	17	2.94	.83	3.66
12	1	77	8	6.58	0	25	3.71	1.12	4.91
1	1	78	8	7.51	0	30	4.42	1.28	5.58
2	1	78	8	7.99	0	40	5.11	1.81	7.97
3	1	78	8	9.09	2	33	5.46	1.11	4.31
3	10	78	748	8.59	2	26	5.01	.89	3.47

FIGURE H-13

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	10	78	748	7.75	0	40	4.76	1.45	6.22

FIGURE H-14

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	0	4.51	0	10	2.06	.19	3.03
10	27	77	0	3.73	0	13	2.50	1.41	6.32
10	28	77	0	4.14	0	11	2.21	1.08	4.14
10	29	77	0	4.74	0	10	2.23	.32	2.70
10	30	77	0	3.60	0	11	1.91	.93	4.59
10	31	77	0	3.15	0	11	2.63	.80	3.22
11	1	77	0	5.24	0	14	3.51	.61	2.42
11	2	77	0	4.52	0	11	2.78	.09	2.34
11	3	77	0	4.59	0	10	2.43	.28	2.58
11	4	77	0	4.15	0	13	2.46	1.07	5.03
11	5	77	0	5.66	0	16	2.92	.88	3.99
11	6	77	0	5.15	0	15	2.65	.84	4.59
11	7	77	0	4.11	0	8	1.89	.17	2.06
11	8	77	0	3.97	0	11	2.38	.40	3.25
11	9	77	0	5.71	0	15	3.30	.68	3.29
11	10	77	0	6.71	0	28	5.57	1.84	6.77
11	11	77	0	4.34	0	13	2.37	.79	4.52
11	12	77	0	3.70	0	9	2.36	.04	2.16
11	13	77	0	3.43	0	8	2.13	.25	2.46
11	14	77	0	4.29	0	12	2.87	.58	3.09
11	15	77	0	6.56	2	17	2.80	.74	4.47
11	16	77	0	5.81	0	19	3.89	1.06	4.38
11	17	77	0	4.99	0	10	2.10	-.01	2.59
11	18	77	0	4.13	0	12	2.19	.31	3.75
11	19	77	0	5.15	0	11	2.41	.37	2.67
11	20	77	0	4.35	0	11	2.23	.41	3.35
11	21	77	0	5.45	0	12	2.41	.34	2.83
11	22	77	0	6.30	0	14	3.13	.14	1.94
11	23	77	0	5.49	0	14	3.35	.42	2.50
11	24	77	0	4.63	0	12	2.39	.74	4.20
11	25	77	0	3.60	0	8	1.98	.20	2.37
11	26	77	0	2.98	0	10	2.21	.53	3.19
11	27	77	0	3.11	0	15	2.74	.66	4.12
11	28	77	0	4.41	0	12	2.61	.29	2.78
11	29	77	0	4.18	0	12	2.07	.50	4.77
11	30	77	0	4.04	0	9	2.00	.15	2.83
12	1	77	0	3.85	0	8	2.10	-.24	2.03
12	2	77	0	4.69	0	13	2.52	.51	3.13
12	3	77	0	3.43	0	8	2.06	.18	2.48
12	4	77	0	5.29	0	12	2.86	.24	2.62
12	5	77	0	5.35	0	15	3.65	.89	3.39
12	6	77	0	4.10	0	10	2.25	.36	3.13
12	7	77	0	4.39	0	14	2.35	.79	3.59
12	8	77	0	3.31	0	8	1.32	-.07	2.96
12	9	77	0	3.05	0	8	1.64	-.12	3.03
12	10	77	0	3.70	0	9	1.89	.39	3.25
12	11	77	0	4.67	0	11	2.31	.08	2.80
12	12	77	0	5.15	0	18	3.13	1.48	6.18
12	13	77	0	4.81	0	14	3.42	.94	3.19

FIGURE H-15

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	0	5.00	0	20	4.26	1.17	4.49
12	15	77	0	4.64	0	17	2.90	1.29	6.95
12	16	77	0	3.45	0	9	2.39	.49	2.71
12	17	77	0	3.68	0	12	2.63	.72	3.41
12	18	77	0	3.32	0	12	2.39	.63	3.69
12	19	77	0	2.77	0	7	2.07	.08	2.05
12	20	77	0	4.03	0	13	2.66	.74	3.93
12	21	77	0	3.44	0	8	1.81	.09	2.61
12	22	77	0	6.20	0	21	4.57	1.12	4.30
12	23	77	0	5.54	0	16	3.85	1.03	3.05
12	24	77	0	4.75	2	13	2.07	.94	5.43
12	25	77	0	4.48	0	14	2.67	.83	4.34
12	26	77	0	4.79	0	14	2.72	.84	3.85
12	27	77	0	6.69	0	26	5.01	2.06	7.66
12	28	77	0	5.41	0	24	3.79	2.34	11.36
12	29	77	0	6.12	0	15	3.43	.42	2.53
12	30	77	0	5.20	0	15	3.00	.82	4.07
12	31	77	0	3.59	0	15	3.22	.70	3.31
1	1	78	0	2.99	0	8	2.08	.55	3.04
1	2	78	0	2.72	0	9	1.94	.56	3.33
1	3	78	0	3.07	0	8	1.67	.45	3.05
1	4	78	0	2.97	0	8	1.77	.53	3.27
1	5	78	0	2.75	0	7	1.62	-.01	2.62
1	6	78	0	4.55	0	15	2.90	.31	2.74
1	7	78	0	2.95	0	7	1.82	-.12	2.12
1	8	78	0	3.24	0	10	2.18	.17	2.72
1	9	78	0	3.21	0	12	2.41	.41	3.12
1	10	78	0	6.96	0	20	4.48	1.40	4.59
1	11	78	0	6.52	0	20	4.32	.88	3.69
1	12	78	0	4.90	0	14	3.18	.57	2.83
1	13	78	0	4.78	0	11	2.66	.43	2.76
1	14	78	0	5.31	0	14	2.98	.59	3.25
1	15	78	0	5.44	0	21	3.66	1.46	6.68
1	16	78	0	4.74	0	15	2.82	1.30	5.25
1	17	78	0	4.33	0	12	2.72	.88	3.35
1	18	78	0	4.11	0	11	2.52	.59	2.94
1	19	78	0	4.52	0	12	2.63	.76	3.50
1	20	78	0	3.75	0	9	2.03	.48	2.84
1	21	78	0	4.14	0	9	2.21	-.18	2.30
1	22	78	0	4.39	0	21	3.86	2.46	10.36
1	23	78	0	5.37	0	20	4.32	1.93	6.67
1	24	78	0	3.81	0	11	2.79	.70	2.78
1	25	78	0	6.05	0	16	3.89	.65	2.40
1	26	78	0	3.94	0	12	2.55	.86	3.57
1	27	78	0	5.02	[illegible]	13	2.93	.59	2.87
1	28	78	0	5.19	0	14	2.81	.35	3.71
1	29	78	0	3.68	0	9	1.98	-.10	2.55
1	30	78	0	3.70	0	12	2.52	.53	3.21
1	31	78	0	4.28	0	12	2.47	.87	3.46
2	1	78	0	3.41	0	11	2.46	.62	3.48

FIGURE H-16

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	0	3.92	0	12	2.27	.62	3.67
2	3	78	0	3.35	0	11	2.52	.61	3.23
2	4	78	0	3.78	0	13	2.53	1.15	5.20
2	5	78	0	3.71	0	10	1.85	.38	3.98
2	6	78	0	3.80	0	13	2.23	.68	5.33
2	7	78	0	4.35	0	9	2.20	.25	2.68
2	8	78	0	6.32	0	13	2.70	.19	2.86
2	9	78	0	5.98	0	14	2.66	.44	3.47
2	10	78	0	5.61	0	18	3.77	1.38	4.97
2	11	78	0	4.31	0	12	3.07	.40	2.51
2	12	78	0	4.75	0	16	2.79	.83	5.61
2	13	78	0	4.03	0	9	2.28	-.03	2.40
2	14	78	0	6.55	0	21	3.65	1.26	5.43
2	15	78	0	5.13	0	11	2.58	.18	2.51
2	16	78	0	3.55	0	12	2.63	.53	2.85
2	17	78	0	4.07	0	11	2.19	.35	3.44
2	18	78	0	4.49	0	11	2.34	.62	3.28
2	19	78	0	4.06	0	10	2.35	.19	2.74
2	20	78	0	4.71	0	13	2.91	.87	3.27
2	21	78	0	4.59	0	14	2.64	.97	4.21
2	22	78	0	5.52	0	15	2.83	.86	4.19
2	23	78	0	4.96	0	14	2.98	1.10	4.29
2	24	78	0	6.25	0	22	4.43	1.55	5.35
2	25	78	0	5.19	0	21	3.20	1.56	8.35
2	26	78	0	4.28	0	13	2.75	1.22	5.77
2	27	78	0	4.46	0	16	3.09	1.38	5.24
2	28	78	0	5.71	0	22	4.18	1.43	6.17
3	1	78	0	4.53	0	13	3.01	.71	3.17
3	2	78	0	5.13	0	14	2.87	.94	3.99
3	3	78	0	4.30	0	15	3.23	1.21	4.09
3	4	78	0	5.12	0	13	3.09	.34	2.78
3	5	78	0	3.56	0	8	2.15	.15	2.52
3	6	78	0	5.12	0	12	2.84	.20	2.68
3	7	78	0	5.12	0	12	2.54	.51	3.09
3	8	78	0	4.37	0	12	2.82	.52	2.63
3	9	78	0	9.62	0	26	5.06	.83	3.73
3	10	78	0	7.35	0	21	4.66	.66	2.68
3	11	78	0	6.04	0	14	3.54	.30	2.02
3	12	78	0	3.85	0	15	2.75	1.26	5.87
3	13	78	0	3.96	0	9	1.92	.39	3.08
3	14	78	0	3.78	0	12	2.34	1.08	4.60
3	15	78	0	3.29	0	7	2.05	-.05	2.01
3	15	78	120	3.92	3	5	1.12	.29	1.03

FIGURE H-17

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	0	.25	-12	13	3.81	-.02	3.89
12	1	77	0	-.13	-19	17	4.21	-.04	3.37
1	1	78	0	.11	-19	16	4.11	-.11	4.14
2	1	78	0	.21	-16	15	3.78	-.32	3.94
3	1	78	0	.45	-20	21	3.83	-.23	4.54
3	15	78	120	.02	-16	15	4.26	-.37	3.93

FIGURE H-18

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	15	78	120	4.61	0	23	3.03	1.36	7.17

FIGURE H-19

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2311

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	25	77	11	7.54	2.00	13.90	2.75	-.20	2.61
10	26	77	11	5.42	2.30	9.30	1.83	.25	2.08
10	27	77	11	4.17	2.00	9.00	1.66	.70	2.96
10	28	77	11	4.31	.00	8.50	1.72	.07	2.64
10	29	77	11	3.98	2.00	8.50	1.43	1.04	4.09
10	30	77	11	3.95	2.00	8.10	1.47	.93	3.01
10	31	77	11	5.32	2.00	9.50	2.09	.48	1.96
11	1	77	11	5.19	.00	10.90	2.49	.68	2.55
11	2	77	11	4.59	2.00	7.90	1.65	-.00	1.81
11	3	77	11	5.26	2.00	11.50	2.16	.79	3.15
11	4	77	11	5.11	2.00	11.10	2.25	.74	2.67
11	5	77	11	6.39	2.00	12.60	2.46	.13	2.75
11	6	77	11	5.64	2.00	11.30	2.46	.37	2.06
11	7	77	11	7.74	.00	15.00	3.37	.09	2.43
11	8	77	11	7.45	2.50	14.40	2.51	.40	2.67
11	9	77	11	7.47	2.20	14.10	3.34	.08	1.78
11	10	77	11	9.51	2.70	17.00	3.28	.30	2.71
11	11	77	11	9.71	2.00	17.30	3.99	-.25	2.16
11	12	77	11	7.11	2.00	22.10	5.00	1.27	4.20
11	13	77	11	6.31	2.00	13.20	2.70	.42	2.63
11	14	77	11	6.99	2.10	12.30	2.20	-.15	2.62
11	15	77	11	4.61	2.00	13.20	2.74	1.37	4.24
11	16	77	11	5.37	2.00	14.30	3.24	1.43	4.21
11	17	77	11	7.26	2.00	16.20	3.32	.45	2.68
11	18	77	11	8.15	2.60	18.10	3.51	.77	3.36
11	19	77	11	6.35	2.10	12.20	2.83	.01	1.88
11	20	77	11	5.24	2.20	11.80	2.12	.89	3.67
11	21	77	11	5.66	2.10	9.80	1.91	.06	2.03
11	22	77	11	6.16	2.00	12.80	2.96	.21	1.87
11	23	77	11	7.56	2.10	13.30	2.41	-.17	2.55
11	24	77	11	8.71	2.00	15.30	2.86	-.12	2.76
11	25	77	11	8.27	2.10	13.80	2.71	-.42	2.76
11	26	77	11	6.74	2.00	13.90	2.67	.38	3.14
11	27	77	11	4.59	2.00	10.10	2.01	.80	2.66
11	28	77	11	5.41	2.30	8.90	1.52	-.18	2.20
11	29	77	11	4.82	2.10	9.90	2.09	.68	2.43
11	30	77	11	7.34	2.00	16.70	3.18	.67	3.12
12	1	77	11	5.04	2.00	10.20	2.22	.67	2.32
12	2	77	11	6.58	2.20	9.70	1.77	-.67	2.65
12	3	77	11	6.35	2.10	10.60	2.11	-.48	2.34
12	4	77	11	5.02	2.00	10.10	2.36	.39	1.84
12	5	77	11	3.34	2.00	9.10	1.67	1.06	3.60
12	6	77	11	5.14	2.20	8.70	1.89	.04	1.60
12	7	77	11	7.70	2.00	14.80	3.47	.25	2.01
12	8	77	11	7.37	3.00	11.80	2.15	-.21	2.21
12	9	77	11	6.67	2.20	12.60	2.41	.33	2.47
12	10	77	11	6.25	2.30	11.00	2.29	.10	2.05
12	11	77	11	7.27	2.30	14.50	2.89	.43	2.87
12	12	77	11	8.31	2.90	15.80	2.83	.29	2.94

FIGURE H-20

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	13	77	11	8.38	2.80	13.30	2.54	-.27	2.10
12	14	77	11	8.15	2.50	14.10	3.48	.03	1.71
12	15	77	11	5.24	2.00	9.10	1.71	.25	2.26
12	16	77	11	7.52	2.90	12.80	2.79	-.06	1.88
12	17	77	11	3.85	2.00	6.80	1.32	.50	1.98
12	18	77	11	3.91	2.00	7.40	1.41	.51	2.16
12	19	77	11	4.35	2.10	8.00	1.50	.43	2.05
12	20	77	11	4.37	2.00	8.30	1.91	.37	1.64
12	21	77	11	4.91	2.00	9.80	1.75	.64	2.79
12	22	77	11	4.98	2.00	11.60	2.25	1.05	3.78
12	23	77	11	6.92	2.10	13.50	2.67	.30	2.39
12	24	77	11	7.25	2.00	16.10	3.76	.72	2.46
12	25	77	11	4.88	2.00	9.90	2.26	.55	1.98
12	26	77	11	5.89	2.30	11.10	2.12	.30	2.32
12	27	77	11	6.73	2.00	15.80	3.29	.90	3.42
12	28	77	11	7.26	2.10	17.40	3.85	.73	2.65
12	29	77	11	8.07	2.60	15.60	2.62	.35	2.83
12	30	77	11	6.32	2.00	10.50	2.30	.04	1.85
12	31	77	11	6.76	2.50	10.70	1.89	-.01	2.63
1	1	78	11	4.68	2.10	9.60	1.96	.86	2.76
1	2	78	11	5.26	2.00	11.60	2.40	.54	2.31
1	3	78	11	3.40	2.00	5.80	.93	.71	2.78
1	4	78	11	4.22	2.00	8.30	1.54	.49	2.55
1	5	78	11	6.07	2.00	11.30	2.49	.04	1.82
1	6	78	11	6.77	2.00	14.80	3.33	.95	2.81
1	7	78	11	6.26	2.00	11.10	2.61	.05	1.94
1	8	78	11	8.31	2.80	16.60	3.67	.56	2.18
1	9	78	11	6.45	2.20	12.00	2.24	.21	2.61
1	10	78	11	7.79	2.50	13.80	2.90	.15	2.35
1	11	78	11	9.23	3.30	21.10	3.84	.84	3.39
1	12	78	11	7.13	2.30	13.70	3.09	.26	1.96
1	13	78	11	7.40	2.20	12.40	2.07	-.19	2.93
1	14	78	11	6.70	2.10	12.00	2.28	.05	2.59
1	15	78	11	5.97	2.00	11.50	2.59	.38	2.16
1	16	78	11	9.03	4.00	13.50	2.20	-.10	2.34
1	17	78	11	5.86	2.00	14.60	3.51	.80	2.41
1	18	78	11	6.48	2.00	13.70	3.30	.51	2.25
1	19	78	11	7.44	2.00	16.00	3.95	.56	2.47
1	20	78	11	7.33	2.30	13.50	2.80	.02	2.02
1	21	78	11	7.54	2.20	14.20	3.03	.23	2.16
1	22	78	11	7.40	2.00	13.70	3.24	.26	2.05
1	23	78	11	7.26	2.00	14.50	3.73	.09	1.74
1	24	78	11	9.51	2.00	16.90	3.51	-.39	2.44
1	25	78	11	7.08	2.00	14.10	3.04	.28	2.29
1	26	78	11	6.39	2.60	10.30	2.07	.15	2.04
1	27	78	11	7.35	2.00	12.40	3.05	-.17	1.91
1	28	78	11	5.57	2.00	12.00	2.08	.54	3.10
1	29	78	11	7.46	2.00	12.90	2.67	-.22	2.28
1	30	78	11	5.99	2.00	11.30	2.08	-.05	2.61
1	31	78	11	4.59	2.00	9.50	2.18	.39	1.76

FIGURE H-21

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	1	78	11	5.49	2.00	10.50	1.94	.11	2.66
2	2	78	11	4.85	2.00	8.30	1.81	.51	2.47
2	3	78	11	6.59	2.30	13.60	2.41	.74	3.93
2	4	78	11	6.70	2.00	11.90	2.81	-.03	1.82
2	5	78	11	7.91	2.00	15.20	2.92	.17	3.00
2	6	78	11	8.46	2.00	17.30	3.98	-.15	1.87
2	7	78	11	7.18	2.00	17.50	3.62	.55	2.74
2	8	78	11	7.25	2.00	14.20	3.22	.29	2.14
2	9	78	11	6.79	.00	13.10	2.95	.05	1.85
2	10	78	11	7.04	2.00	14.80	3.67	.28	1.82
2	11	78	11	5.39	2.00	9.80	2.26	.02	1.75
2	12	78	11	5.20	.00	11.10	2.68	.29	2.07
2	13	78	11	5.49	2.70	9.70	1.64	.13	2.09
2	14	78	11	7.41	2.00	14.00	3.33	-.06	1.67
2	15	78	11	8.86	3.70	15.50	2.85	.28	2.47
2	16	78	11	10.61	2.60	16.40	3.65	-.36	2.24
2	17	78	11	8.52	2.00	18.40	4.96	.27	1.68
2	18	78	11	6.27	2.10	11.30	2.37	.25	2.04
2	19	78	11	7.64	2.20	14.80	3.02	.70	3.02
2	20	78	11	8.69	4.50	17.70	2.92	1.00	3.92
2	21	78	11	5.66	2.00	12.60	2.70	.91	3.16
2	22	78	11	8.17	2.10	14.50	3.25	.25	2.06
2	23	78	11	7.92	2.00	14.80	3.25	.40	2.22
2	24	78	11	7.87	2.10	17.70	3.74	.50	2.47
2	25	78	11	7.46	2.10	12.80	2.82	-.09	2.05
2	26	78	11	6.15	2.30	13.10	2.84	.51	2.20
2	27	78	11	4.87	2.00	8.10	2.09	.26	1.92
2	28	78	11	5.45	2.10	11.00	2.17	.26	2.43
3	1	78	11	5.91	2.00	10.20	2.06	.03	1.93
3	2	78	11	4.32	2.00	7.30	1.32	.20	2.32
3	3	78	11	5.59	2.10	10.70	2.08	.11	2.32
3	4	78	11	4.39	2.10	9.70	1.68	.80	3.03
3	5	78	11	6.38	2.80	11.30	2.05	.58	2.66
3	6	78	11	7.33	2.50	14.50	2.79	.49	2.82
3	7	78	11	7.12	2.10	16.30	3.07	.71	3.30
3	8	78	11	8.37	2.00	17.30	4.43	.33	2.08
3	9	78	11	8.87	2.70	18.70	3.48	-.01	2.88
3	10	78	11	6.86	2.10	15.70	3.48	.64	2.48
3	11	78	11	7.71	2.20	17.90	3.98	.96	3.01
3	12	78	11	6.66	2.00	12.70	2.37	.16	2.08
3	13	78	11	7.42	2.10	15.50	3.78	.51	2.10
3	14	78	11	7.64	2.30	14.30	3.20	.40	2.33
3	15	78	11	6.51	2.90	12.30	2.36	.54	2.55
3	16	78	11	7.74	2.90	13.40	2.60	.25	2.55
3	17	78	11	5.25	2.00	9.80	1.95	.57	2.64
3	18	78	11	4.87	2.00	8.40	1.46	-.10	2.25
3	19	78	11	5.34	2.00	14.50	3.56	1.09	2.94
3	20	78	11	5.15	2.00	13.60	2.38	1.09	3.92
3	21	78	11	5.72	2.30	10.60	2.24	.18	2.01
3	22	78	11	4.50	2.00	11.90	2.51	1.10	3.09

FIGURE H-22

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	23	78	11	5.81	2.30	11.40	2.13	.55	2.71
3	24	78	11	4.84	2.00	10.10	1.93	.59	2.60
3	25	78	11	5.06	2.10	10.30	2.12	.41	2.01
3	26	78	11	6.16	2.20	12.90	2.30	.68	3.25
3	27	78	11	6.13	2.20	10.70	2.35	-.04	1.78
3	28	78	11	5.38	2.00	14.60	2.95	.68	2.85
3	29	78	11	5.20	2.00	8.00	1.55	-.19	2.06
3	30	78	11	5.27	2.00	10.80	2.57	.28	1.66
3	31	78	11	6.94	2.00	14.10	3.42	.21	2.01
4	1	78	11	5.23	2.00	8.60	1.63	-.10	2.42
4	2	78	11	7.19	2.30	12.00	1.97	.11	2.76
4	3	78	11	6.95	2.00	14.10	3.44	.40	2.47
4	4	78	11	5.91	2.00	10.90	2.53	.26	2.02
4	5	78	11	5.39	2.00	11.10	2.40	.47	2.39
4	6	78	11	6.33	2.00	15.00	3.27	.61	2.67
4	7	78	11	5.83	2.00	11.90	2.33	.41	2.66
4	8	78	11	5.26	2.00	10.20	1.80	.25	2.63
4	9	78	11	5.71	2.00	12.50	2.69	.43	2.44
4	10	78	11	5.39	2.00	10.50	2.34	-.03	2.08
4	11	78	11	5.26	2.00	10.40	2.45	.51	2.06
4	12	78	11	4.59	2.00	9.60	1.83	.42	2.13
4	13	78	11	4.04	2.00	9.60	1.72	.62	2.40
4	14	78	11	4.28	2.10	7.50	1.45	.42	2.12
4	15	78	11	4.10	2.00	9.90	1.74	1.49	4.88
4	16	78	11	4.12	2.00	7.10	1.38	.41	2.10
4	17	78	11	3.18	2.00	6.80	1.20	1.09	3.07
4	18	78	11	3.23	2.00	6.30	1.07	.37	3.22
4	19	78	11	3.75	2.00	8.70	1.47	1.43	5.02
4	20	78	11	5.50	2.20	9.70	1.73	-.16	1.97
4	21	78	11	4.32	2.00	9.80	1.59	.29	2.31
4	22	78	11	5.77	2.00	11.50	2.98	.18	1.47
4	23	78	11	5.05	2.00	10.00	2.14	.33	2.15
4	24	78	11	5.37	2.00	11.40	2.31	-.07	1.99
4	25	78	11	5.55	2.00	13.60	2.79	.78	2.88
4	26	78	11	7.32	2.10	12.90	2.83	-.18	2.16
4	27	78	11	6.28	2.00	13.00	2.99	.55	2.23
4	28	78	11	5.58	2.00	12.90	3.21	.52	1.91
4	29	78	11	6.71	2.00	11.30	2.41	-.14	2.20
4	30	78	11	6.99	2.00	12.10	2.24	-.32	2.70
5	1	78	11	8.06	2.10	15.50	3.19	.28	2.37
5	2	78	11	7.52	3.00	12.30	1.82	-.26	3.06
5	3	78	11	9.16	2.00	17.50	4.41	.01	1.99
5	4	78	11	8.87	2.20	15.20	2.92	-.17	2.29
5	5	78	11	7.53	2.00	15.50	3.11	.23	2.53
5	6	78	11	8.20	2.00	16.20	4.36	.20	1.77
5	7	78	11	9.47	2.00	18.60	4.57	.18	1.94
5	8	78	11	9.38	2.00	19.30	4.40	.18	2.51
5	9	78	11	8.08	3.40	16.10	3.52	.11	1.77
5	10	78	11	5.63	2.00	8.70	2.10	-.23	2.00
5	11	78	11	6.94	2.00	10.90	2.23	-.56	2.50

FIGURE H-23

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
5	12	78	11	7.60	2.00	12.70	2.96	-.26	1.98
5	13	78	11	7.97	2.10	14.10	3.14	-.19	2.26
5	14	78	11	7.71	2.00	13.80	2.97	-.05	2.29
5	15	78	11	8.99	3.20	14.10	2.18	-.01	2.80
5	16	78	11	6.57	2.00	16.00	3.42	.60	2.72
5	17	78	11	7.46	2.00	16.90	3.66	.42	2.43
5	18	78	11	7.99	2.70	12.50	2.35	-.28	2.41
5	19	78	11	9.98	2.00	15.90	3.64	-.30	1.99
5	20	78	11	7.89	2.00	15.50	3.13	.45	2.85
5	21	78	11	9.02	2.00	19.10	4.63	.07	2.05
5	22	78	11	12.55	2.60	22.80	5.52	.38	1.85
5	23	78	11	9.76	2.00	19.00	4.59	-.04	2.12
5	24	78	11	9.14	2.00	19.60	4.98	.33	1.96
5	25	78	11	11.53	4.10	24.30	4.93	.69	2.46
5	26	78	11	8.38	2.10	15.40	3.32	-.18	2.14
5	27	78	11	7.97	2.00	14.90	3.11	.03	2.12
5	28	78	11	10.38	2.00	18.60	4.96	-.01	1.98
5	29	78	11	9.22	4.00	15.20	1.92	.44	3.91
5	30	78	11	8.47	2.20	16.00	3.52	-.01	2.26
5	31	78	11	7.83	2.00	12.60	2.38	-.89	3.49
6	1	78	11	5.11	2.00	8.60	1.91	-.04	1.85
6	2	78	11	6.61	2.40	10.60	2.30	-.12	1.79
6	3	78	11	9.10	2.00	16.10	2.69	.07	3.04
6	4	78	11	7.78	2.00	13.10	2.77	-.29	2.36
6	5	78	11	6.74	2.20	10.90	2.29	-.09	1.88
6	6	78	11	7.91	.00	15.90	4.03	.16	1.97
6	7	78	11	7.94	2.00	13.70	2.77	-.10	2.28
6	8	78	11	7.50	2.00	13.30	3.23	-.28	1.82
6	9	78	11	7.69	2.30	14.30	2.91	.10	2.02
6	10	78	11	6.08	2.10	12.60	2.40	.70	3.06
6	11	78	11	6.42	2.00	12.30	2.96	.13	1.91
6	12	78	11	5.92	2.00	12.90	3.17	.39	1.87
6	13	78	11	7.05	2.00	13.60	3.21	.18	1.84
6	14	78	11	8.18	2.90	13.50	2.80	.18	2.05
6	15	78	11	8.16	3.10	11.80	2.24	-.45	2.26
6	16	78	11	8.67	2.70	15.60	3.41	.10	2.00
6	17	78	11	7.92	2.00	12.30	2.57	-.48	2.20
6	18	78	11	8.57	2.50	17.00	3.43	.27	2.42
6	19	78	11	8.00	2.10	13.80	3.36	-.39	2.02
6	20	78	11	8.07	2.00	14.70	3.49	-.08	1.95
6	21	78	11	7.72	2.60	13.40	2.90	.10	2.06
6	22	78	11	7.10	2.00	13.90	3.31	.14	1.69
6	23	78	11	6.76	2.20	12.90	2.62	.08	2.15
6	24	78	11	6.17	2.00	12.90	2.99	.39	2.01
6	25	78	11	8.23	3.90	13.80	1.97	.04	2.64
6	26	78	11	6.08	2.00	12.10	2.83	.37	2.06
6	27	78	11	8.08	2.80	18.70	2.80	1.17	5.88
6	28	78	11	6.36	2.00	16.10	3.39	1.00	3.54
6	29	78	11	4.91	2.10	9.30	2.02	.60	2.12
6	30	78	11	4.13	2.00	7.40	1.45	.29	1.98

FIGURE H-24

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
7	1	78	11	4.62	2.00	9.80	2.36	.77	2.14
7	2	78	11	5.24	2.00	9.00	1.96	.22	2.06
7	3	78	11	6.05	2.00	11.30	2.33	.31	2.63
7	4	78	11	5.12	2.00	9.80	2.24	.41	1.82
7	5	78	11	6.28	2.40	10.40	1.74	.05	2.67
7	6	78	11	7.60	2.00	15.40	2.82	-.19	2.71
7	7	78	11	8.67	2.00	15.00	3.00	-.24	2.42
7	8	78	11	7.73	2.00	17.50	3.79	.63	2.56
7	9	78	11	7.19	2.40	16.80	2.74	.95	4.73
7	10	78	11	5.99	2.00	13.30	2.84	.73	2.82
7	11	78	11	4.08	2.00	7.40	1.42	.41	2.02
7	12	78	11	4.59	2.20	9.50	1.85	.74	2.49
7	13	78	11	4.92	2.00	9.60	2.48	.35	1.55
7	14	78	11	5.87	2.00	9.90	1.96	-.41	2.33
7	15	78	11	4.46	2.00	10.20	1.96	.87	3.28
7	16	78	11	7.22	2.00	12.30	2.48	-.61	2.70
7	17	78	11	5.97	2.00	14.10	3.01	.79	2.76
7	18	78	11	7.86	2.00	14.20	3.54	.11	1.70
7	19	78	11	7.92	2.00	13.80	3.06	-.12	2.25
7	20	78	11	7.32	3.10	15.20	2.69	.36	2.53
7	21	78	11	8.52	2.30	17.40	3.99	.64	2.37
7	22	78	11	8.93	2.20	17.80	3.81	.31	2.23
7	23	78	11	11.29	2.00	18.50	4.40	-.31	1.91
7	24	78	11	8.50	2.00	17.60	3.95	.40	2.22
7	25	78	11	7.46	2.00	16.90	3.72	.35	2.22
7	26	78	11	5.94	2.00	11.50	2.31	.26	2.13
7	27	78	11	6.43	2.00	13.70	3.38	.36	1.83
7	28	78	11	6.34	2.00	14.20	2.57	.40	3.22
7	29	78	11	6.64	2.00	12.50	3.09	.11	1.83
7	30	78	11	6.54	2.00	12.10	2.53	.32	2.07
7	31	78	11	5.03	2.00	9.40	1.95	.36	2.36
8	1	78	11	5.07	2.00	11.90	2.68	.75	2.61
8	2	78	11	5.66	2.00	11.70	2.71	.26	1.94
8	3	78	11	5.25	2.00	10.80	2.07	.37	2.54
8	4	78	11	6.77	2.00	14.50	3.45	.25	1.90
8	5	78	11	6.27	2.00	15.60	3.64	.79	2.71
8	6	78	11	7.42	2.00	14.90	3.43	.44	2.24
8	7	78	11	7.36	2.00	15.30	3.38	.30	2.80
8	8	78	11	6.04	2.00	14.50	3.42	.60	2.29
8	9	78	11	8.45	2.70	15.40	3.20	.17	2.30
8	10	78	11	6.53	2.00	13.00	3.14	.17	1.97
8	11	78	11	6.08	2.20	10.60	1.96	.31	2.30
8	12	78	11	6.11	2.00	12.20	2.82	-.06	1.99
8	13	78	11	5.35	2.00	11.10	2.34	.27	2.04
8	14	78	11	4.63	2.00	9.50	1.91	.45	2.35
8	15	78	11	5.31	2.00	11.80	2.37	.74	3.13
8	16	78	11	6.72	2.00	13.30	3.52	.15	1.71
8	17	78	11	6.94	2.00	14.10	3.50	.22	1.95
8	18	78	11	7.79	2.00	14.30	3.54	-.01	1.92
8	19	78	11	8.65	2.00	16.40	3.23	-.33	2.74

FIGURE H-25

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
8	20	78	11	9.11	3.20	19.70	3.27	.41	2.57
8	21	78	11	10.76	2.00	18.30	2.91	-.40	4.50
8	22	78	11	9.10	3.90	13.10	1.91	-.31	2.54
8	23	78	11	7.62	3.10	12.10	1.83	-.21	2.63
8	24	78	11	5.31	2.00	12.90	2.75	.44	2.16
8	25	78	11	5.03	2.00	9.10	1.68	.17	2.25
8	26	78	11	3.90	2.00	7.10	1.43	.55	2.34
8	27	78	11	2.32	.00	6.40	1.27	1.09	4.00
8	28	78	11	4.29	2.00	7.70	1.79	.03	1.58
8	29	78	11	5.38	.00	9.70	2.08	-.50	3.30
8	30	78	11	4.63	2.00	8.90	1.84	.44	2.24
8	31	78	11	5.33	2.00	9.60	1.71	.13	2.49
9	1	78	11	5.52	2.00	8.80	1.64	-.14	2.24
9	2	78	11	6.03	2.10	10.00	1.97	.15	2.17
9	3	78	11	8.24	2.00	16.80	3.14	.04	3.01
9	4	78	11	7.24	2.00	15.60	3.55	.65	2.53
9	5	78	11	6.35	2.00	10.60	2.59	-.34	1.86
9	6	78	11	5.61	2.00	12.30	2.69	.49	2.25
9	7	78	11	5.81	2.00	15.10	3.76	1.00	2.91
9	8	78	11	9.16	2.00	19.00	4.03	-.09	2.15
9	9	78	11	8.29	2.00	15.20	3.72	-.21	1.78
9	10	78	11	5.94	2.00	12.60	3.05	.16	1.86
9	11	78	11	6.91	2.00	11.60	2.24	-.52	2.68
9	12	78	11	5.43	2.00	10.40	2.55	.04	1.58
9	13	78	11	7.46	2.00	14.20	2.85	.15	2.58
9	14	78	11	6.66	2.00	12.20	2.62	-.35	2.19
9	15	78	11	6.07	2.00	10.20	2.23	-.54	2.15
9	16	78	11	6.42	2.00	10.60	2.29	-.07	1.93
9	17	78	11	8.06	2.00	15.80	2.92	.47	3.54
9	18	78	11	7.84	2.00	18.00	4.22	.44	2.25
9	19	78	11	5.89	2.00	13.00	2.76	.32	2.36
9	20	78	11	6.12	2.00	13.10	2.77	.51	2.61
9	21	78	11	6.86	2.00	12.80	2.91	.22	2.34
9	22	78	11	5.07	2.00	9.80	2.25	.40	2.16
9	23	78	11	3.99	2.00	10.50	2.19	1.07	3.13
9	24	78	11	4.39	2.00	7.80	1.65	.06	1.77
9	25	78	11	4.33	2.00	7.90	1.81	.07	1.69
9	26	78	11	4.75	2.00	8.80	1.87	.21	2.04
9	27	78	11	5.49	2.00	10.40	2.26	.08	1.93
9	28	78	11	6.34	2.00	11.10	2.12	-.55	2.84
9	29	78	11	5.71	2.00	9.90	2.01	.05	2.00
9	30	78	11	6.37	2.00	11.70	2.36	.29	2.34
10	1	78	11	4.99	2.00	8.70	2.09	-.12	1.64
10	2	78	11	4.81	2.00	8.90	2.09	.11	1.68
10	3	78	11	5.72	2.00	10.60	2.55	.04	1.74
10	4	78	11	6.09	2.00	12.00	2.72	.25	2.19
10	5	78	11	5.34	2.00	10.00	2.56	.11	1.63
10	6	78	11	8.93	2.00	17.60	3.41	.34	2.66
10	7	78	11	6.49	2.00	13.90	3.37	.60	2.20

FIGURE H-26

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	8	78	11	5.96	2.00	11.00	2.70	.18	1.71
10	9	78	11	5.65	2.00	9.80	2.53	.02	1.55
10	10	78	11	5.00	2.00	11.10	2.69	.57	2.08
10	11	78	11	6.50	2.00	12.60	2.93	.14	2.04
10	12	78	11	5.92	2.00	14.20	3.72	.60	1.94
10	13	78	11	8.18	2.00	15.60	3.54	.29	2.15
10	14	78	11	6.91	2.00	13.70	3.16	.11	2.03
10	15	78	11	7.58	2.00	18.10	4.05	.67	3.00
10	16	78	11	6.94	2.00	15.70	3.71	.51	2.39
10	17	78	11	5.35	2.00	10.40	2.51	.06	1.82
10	18	78	11	5.87	2.00	10.70	2.22	.09	2.30
10	19	78	11	6.64	2.00	13.80	3.08	.40	2.22
10	20	78	11	8.38	3.90	14.90	2.57	.25	2.25
10	21	78	11	7.47	2.00	13.10	3.02	-.11	1.68
10	22	78	11	7.06	2.00	11.80	2.43	-.01	2.02
10	23	78	11	8.22	4.00	12.20	1.86	-.44	2.85
10	23	78	2241	8.27	2.00	148.30	16.73	5.17	35.40

FIGURE H-27

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	11	5.02	.00	13.90	2.23	.84	3.32
12	1	77	11	6.51	.00	22.10	3.15	.77	3.67
1	1	78	11	6.13	2.00	17.40	2.81	.70	3.18
2	1	78	11	6.73	2.00	21.10	3.11	.57	2.95
3	1	78	11	7.05	.00	19.40	3.31	.60	2.87
4	1	78	11	6.17	2.00	18.70	2.98	.95	3.34
5	1	78	11	5.52	2.00	15.50	2.64	.70	2.99
6	1	78	11	8.49	2.00	24.30	3.88	.58	3.41
7	1	78	11	7.15	.00	18.70	3.10	.24	2.40
8	1	78	11	6.71	2.00	18.50	3.27	.76	3.31
9	1	78	11	6.37	.00	18.70	3.18	.59	2.82
10	1	78	11	6.31	2.00	18.00	2.99	.58	3.16
10	23	78	2241	6.69	2.00	148.30	4.89	12.92	338.74

FIGURE H-28

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	2	-1.33	-11	11	6.03	.34	1.90
10	27	77	2	-1.47	-19	9	6.27	-.87	3.40
10	28	77	2	-.33	-10	11	4.89	.14	1.97
10	29	77	2	.17	-8	10	4.62	.07	2.09
10	30	77	2	-.45	-10	8	3.90	.32	3.15
10	31	77	2	1.37	-8	13	5.41	.21	1.56
11	1	77	2	2.70	-3	11	3.22	.91	2.80
11	2	77	2	2.16	-7	14	5.09	.15	2.63
11	3	77	2	2.80	-4	13	4.79	.86	2.60
11	4	77	2	3.48	-4	9	2.96	-.39	2.62
11	5	77	2	5.15	0	10	2.35	-.69	3.26
11	6	77	2	4.83	-2	13	3.68	-.01	2.17
11	7	77	2	4.49	-4	13	3.73	-.09	2.00
11	8	77	2	6.28	-3	15	3.91	-.13	2.57
11	9	77	2	2.10	-12	11	5.23	-1.03	3.66
11	10	77	2	1.97	-8	8	3.92	-.60	2.34
11	11	77	2	1.99	-6	9	4.33	-.39	1.87
11	12	77	2	.77	-8	7	3.40	-.30	2.50
11	13	77	2	1.22	-10	10	5.12	-.21	2.11
11	14	77	2	.28	-8	8	4.24	.01	1.65
11	15	77	2	-.44	-9	5	2.83	-.39	2.98
11	16	77	2	-1.04	-7	5	3.74	-.07	1.57
11	17	77	2	.17	-6	6	2.72	-.34	2.39
11	18	77	2	.32	-5	8	3.73	.24	1.69
11	19	77	2	.50	-7	8	3.73	.16	2.22
11	20	77	2	3.77	-3	13	4.40	.17	1.75
11	21	77	2	3.07	-10	14	6.26	-.31	2.40
11	22	77	2	.92	-14	10	5.13	-.65	2.55
11	23	77	2	.19	-13	11	5.82	-.17	2.09
11	24	77	2	-1.34	-7	7	4.15	.36	1.99
11	25	77	2	-1.99	-12	5	4.56	-.37	2.20
11	26	77	2	-2.94	-10	3	3.33	-.24	1.82
11	27	77	2	-2.79	-7	4	2.82	.46	2.37
11	28	77	2	-1.56	-8	5	3.29	.22	2.13
11	29	77	2	-4.17	-13	4	4.28	-.36	1.92
11	30	77	2	-5.76	-12	-1	2.53	-.36	2.43
12	1	77	2	-8.66	-16	2	4.53	.53	2.38
12	2	77	2	-6.62	-16	3	4.98	-.04	1.67
12	3	77	2	-3.14	-8	1	2.57	-.03	1.75
12	4	77	2	-3.12	-14	4	4.44	-.41	2.46
12	5	77	2	-1.83	-11	9	5.77	.14	1.57
12	6	77	2	-1.93	-12	4	4.02	-.92	3.32
12	7	77	2	-1.71	-10	10	5.06	.22	1.87
12	8	77	2	-2.90	-14	7	5.40	.02	1.73
12	9	77	2	-2.60	-16	5	5.40	-.45	1.90
12	10	77	2	-1.85	-8	8	4.18	.71	2.64
12	11	77	2	.45	-11	9	4.13	.03	3.07
12	12	77	2	.96	-5	7	2.69	.35	2.74
12	13	77	2	1.36	-5	10	3.32	.27	2.74

FIGURE H-29

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811 SUMMARY STATS FOR SPEED

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41

METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	23	78	2241	6.62	0.00	22.10	3.17	.68	3.37

FIGURE H-30

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	2	1.10	-4	5	2.17	-.40	2.41
12	15	77	2	1.14	-4	5	1.77	-.16	2.67
12	16	77	2	.57	-5	6	2.48	-.00	3.01
12	17	77	2	.46	-7	5	2.29	-.85	4.02
12	18	77	2	-.04	-6	6	2.99	.27	2.17
12	19	77	2	-1.37	-9	6	4.00	.17	2.25
12	20	77	2	-.68	-8	7	3.87	-.08	1.91
12	21	77	2	-2.37	-15	14	6.93	.30	2.54
12	22	77	2	-2.37	-17	14	7.23	.27	2.40
12	23	77	2	-2.81	-11	2	3.59	-.92	2.86
12	24	77	2	-3.95	-15	2	4.36	-.87	3.03
12	25	77	2	-3.37	-10	4	3.73	-.05	1.82
12	26	77	2	-3.54	-12	5	4.31	-.00	2.12
12	27	77	2	-3.28	-11	5	3.86	-.06	2.48
12	28	77	2	-2.25	-13	5	4.10	.12	2.45
12	29	77	2	-.28	-11	7	3.00	-.41	2.05
12	30	77	2	1.42	-4	8	2.69	.18	2.74
12	31	77	2	-1.47	-6	5	2.91	.26	2.22
1	1	78	2	-2.51	-14	3	4.15	-1.14	3.43
1	2	78	2	-1.41	-11	4	3.54	-.72	2.52
1	3	78	2	-1.34	-8	5	3.23	.12	2.18
1	4	78	2	-.35	-7	5	2.68	-.76	3.29
1	5	78	2	-1.55	-7	7	3.20	.31	2.30
1	6	78	2	-1.27	-7	4	2.36	-.56	2.63
1	7	78	2	-1.51	-9	4	2.80	.08	2.58
1	8	78	2	-1.14	-11	7	4.11	.04	2.43
1	9	78	2	-.61	-9	7	3.69	-.03	2.29
1	10	78	2	-.42	-8	4	3.17	-.79	2.56
1	11	78	2	-1.22	-7	6	3.11	.32	2.09
1	12	78	2	-1.01	-8	7	3.74	.11	2.61
1	13	78	2	-.15	-13	7	5.48	-.78	2.57
1	14	78	2	.32	-7	7	3.97	-.36	1.75
1	15	78	2	-2.55	-9	5	3.92	.61	2.10
1	16	78	2	-2.12	-12	7	5.14	-.04	1.95
1	17	78	2	-.94	-9	6	3.35	-.30	2.49
1	18	78	2	-1.59	-10	8	3.98	.07	2.32
1	19	78	2	.45	-9	7	4.12	-.51	2.66
1	20	78	2	-.94	-7	8	3.66	.42	2.26
1	21	78	2	-1.40	-9	6	2.99	.22	2.62
1	22	78	2	-1.95	-9	4	3.06	.05	2.39
1	23	78	2	-1.29	-6	5	2.54	.28	2.30
1	24	78	2	-1.37	-7	3	2.46	-.43	2.19
1	25	78	2	-.39	-6	5	2.47	.11	2.18
1	26	78	2	-1.18	-5	4	2.29	.07	2.24
1	27	78	2	-1.34	-5	3	1.77	-.08	2.79
1	28	78	2	-1.55	-7	3	1.83	-.42	3.07
1	29	78	2	-.36	-6	3	2.46	-.75	2.69
1	30	78	2	.58	-2	4	1.40	.70	3.19
1	31	78	2	-.29	-4	4	1.58	-.22	3.46
2	1	78	2	1.45	-3	8	2.23	.60	3.00

FIGURE H-31

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	2	1.26	-6	7	3.82	-.42	1.67
2	3	78	2	1.37	-5	7	2.76	-.89	3.38
2	4	78	2	2.69	-5	10	3.50	.18	2.01
2	5	78	2	.54	-6	8	4.16	-.14	1.92
2	6	78	2	1.97	-7	10	3.71	-.68	3.01
2	6	78	2342	1.84	-9	12	5.71	-.07	1.96

FIGURE H-32

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	2	.05	-19	13	5.31	-.15	3.03
12	1	77	2	.52	-16	15	5.27	-.18	2.80
1	1	78	2	-1.36	-17	14	4.59	-.34	3.15
2	1	78	2	-.96	-13	8	3.33	-.20	3.01
2	6	78	2342	1.70	-9	12	4.07	-.26	2.65

FIGURE H-33

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	6	73	2342	-.49	-19	15	4.61	-.13	3.26

FIGURE H-34

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	15	1.55	-7	8	3.50	-.68	2.71
10	27	77	15	.17	-4	7	2.48	1.09	3.65
10	28	77	15	.24	-6	8	3.12	-.00	2.62
10	29	77	15	.83	-6	9	3.57	.53	2.22
10	30	77	15	-.01	-6	5	2.40	-.22	2.46
10	31	77	15	1.30	-3	6	2.03	.16	2.08
11	1	77	15	.42	-6	6	2.63	.16	2.54
11	2	77	15	.35	-5	5	2.00	-.31	2.91
11	3	77	15	-.81	-6	6	2.88	.03	1.96
11	4	77	15	.55	-6	6	2.62	-.49	2.63
11	5	77	15	1.47	-4	7	2.55	-.27	2.69
11	6	77	15	.93	-6	6	2.49	-.39	2.67
11	7	77	15	.69	-5	6	2.85	.14	2.14
11	8	77	15	.36	-7	9	3.81	-.14	2.14
11	9	77	15	.46	-4	8	2.57	.44	2.89
11	10	77	15	.27	-12	9	3.40	-.37	4.93
11	11	77	15	.03	-8	10	3.55	.43	3.64
11	12	77	15	.18	-13	11	4.58	-.19	4.26
11	13	77	15	-.41	-12	7	4.48	-.88	3.17
11	14	77	15	.25	-6	8	3.50	.23	2.54
11	15	77	15	.88	-5	7	2.29	.45	3.41
11	16	77	15	.35	-4	5	2.62	.39	1.70
11	17	77	15	.40	-4	7	2.43	.40	3.00
11	18	77	15	.56	-4	5	2.22	-.39	2.43
11	19	77	15	.28	-5	8	3.03	.36	2.07
11	20	77	15	.03	-7	6	2.32	-.23	3.62
11	21	77	15	-.01	-4	7	2.36	.73	3.10
11	22	77	15	-.01	-5	5	2.27	.24	2.79
11	23	77	15	.67	-7	6	2.50	-.92	4.68
11	24	77	15	1.03	-12	10	4.25	-.62	3.90
11	25	77	15	.17	-6	5	2.64	-.36	2.32
11	26	77	15	-.84	-10	7	3.32	-.22	3.11
11	27	77	15	.33	-8	5	3.04	-.95	3.49
11	28	77	15	1.11	-9	8	3.27	-.18	3.58
11	29	77	15	1.17	-9	13	4.24	.80	3.94
11	30	77	15	-.33	-7	5	2.46	-.59	2.93
12	1	77	15	.85	-10	9	4.22	-.36	2.57
12	2	77	15	1.30	-5	7	3.00	-.31	2.38
12	3	77	15	.37	-8	6	2.87	-.51	2.80
12	4	77	15	.32	-10	6	2.97	-.75	3.95
12	5	77	15	.70	-5	7	2.52	.32	2.73
12	6	77	15	1.12	-5	6	2.73	-.39	2.33
12	7	77	15	.11	-4	4	1.84	.24	2.20
12	8	77	15	.79	-6	12	3.45	1.29	4.64
12	9	77	15	-.21	-9	2	1.57	-2.69	13.17
12	10	77	15	.85	-3	7	1.90	1.02	5.20
12	11	77	15	.43	-3	6	1.21	1.59	7.37
12	12	77	15	-.05	-8	6	3.16	-.40	3.39
12	13	77	15	.42	-2	3	.80	.04	3.21

FIGURE H-35

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	15	.17	-9	5	2.03	-1.89	8.73
12	15	77	15	1.11	-5	8	2.45	.87	3.77
12	16	77	15	.42	-9	12	3.71	.14	3.03
12	17	77	15	1.00	-4	7	2.80	.02	1.96
12	18	77	15	1.37	-3	10	2.71	.78	3.68
12	19	77	15	1.49	-5	14	3.41	.80	4.15
12	20	77	15	.76	-5	7	2.97	.23	2.06
12	20	77	15	.76	#######	#######	2.97	.23	2.06

FIGURE H-36

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	15	.51	-7	9	2.88	.18	2.81
12	1	77	15	.42	-13	13	3.14	-.17	4.25
12	20	77	15	.64	-10	14	2.67	.24	4.68

FIGURE H-37

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	20	77	15	.52	-13	14	2.96	-.04	4.31

FIGURE H-38

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	8	2.31	-7	7	3.17	-.92	3.23
10	27	77	8	1.91	-4	17	4.80	1.40	4.15
10	28	77	8	.71	-11	10	4.81	-.12	2.78
10	29	77	8	1.04	-5	9	3.94	.25	1.86
10	30	77	8	2.57	-4	12	3.45	.47	2.94
10	31	77	8	1.30	-3	6	2.33	.11	2.09
11	1	77	8	2.55	-4	11	3.05	.44	2.89
11	2	77	8	1.59	-5	7	2.28	-.15	3.37
11	3	77	8	1.31	-8	15	4.63	.60	3.46
11	4	77	8	2.13	-8	12	3.78	.30	3.28
11	5	77	8	.40	-7	5	2.25	-.45	3.29
11	6	77	8	1.23	-9	7	3.31	-.78	3.58
11	7	77	8	3.34	-4	9	3.17	-.23	2.39
11	8	77	8	2.96	-6	16	5.97	.43	1.93
11	9	77	8	1.45	-9	10	4.04	-.45	2.69
11	10	77	8	-.05	-8	14	4.14	.76	4.06
11	11	77	8	1.27	-5	8	3.03	-.01	2.34
11	12	77	8	.18	-12	11	5.04	-.13	2.84
11	13	77	8	.91	-7	7	3.32	-.40	2.45
11	14	77	8	1.98	-3	8	2.43	.20	2.55
11	15	77	8	1.77	-5	8	2.83	-.11	2.69
11	16	77	8	1.99	-3	11	2.59	1.00	4.10
11	17	77	8	3.04	-4	10	3.17	-.16	2.41
11	18	77	8	2.00	-5	10	3.41	.43	2.30
11	19	77	8	2.94	-5	11	3.81	-.26	2.08
11	20	77	8	1.18	-7	10	3.76	.05	2.42
11	21	77	8	1.20	-5	14	4.18	1.13	4.42
11	22	77	8	2.30	-4	9	3.29	-.07	2.09
11	23	77	8	2.90	-5	11	4.04	.27	2.24
11	24	77	8	1.87	-10	10	4.09	-.17	2.75
11	25	77	8	1.89	-5	8	2.77	-.22	2.64
11	26	77	8	2.05	-11	11	4.63	-.62	3.44
11	27	77	8	1.24	-12	13	4.65	-.10	3.19
11	28	77	8	2.34	-11	14	4.59	.21	3.63
11	29	77	8	.61	-6	8	3.60	.07	1.94
11	30	77	8	1.30	-8	9	3.65	-.53	2.64
12	1	77	8	3.90	-6	15	4.91	.28	2.84
12	2	77	8	.27	-7	8	3.62	-.37	2.26
12	3	77	8	1.37	-7	7	2.79	-.06	3.12
12	4	77	8	1.63	-6	10	4.00	.03	2.01
12	5	77	8	2.36	-3	9	2.75	.20	2.31
12	6	77	8	2.03	-4	10	2.76	.61	4.14
12	7	77	8	4.04	-7	14	4.46	.42	2.84
12	8	77	8	2.20	-7	14	4.15	.52	3.08
12	9	77	8	3.41	-9	14	5.98	.02	1.77
12	10	77	8	2.93	-6	15	4.80	.48	2.43
12	11	77	8	2.07	-6	14	3.91	.62	3.82
12	12	77	8	1.42	-8	9	4.24	-.07	2.00
12	13	77	8	.58	-9	10	3.89	-.11	2.49

FIGURE H-39

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	8	3.18	-7	13	4.53	-.05	2.37
12	15	77	8	-.07	-10	10	4.69	.11	2.45
12	16	77	8	2.52	-10	10	4.00	-.77	3.45
12	17	77	8	1.79	-8	7	2.75	-1.17	4.86
12	18	77	8	2.70	-5	10	3.39	-.24	2.12
12	19	77	8	.92	-7	12	4.81	.47	2.16
12	20	77	8	.68	-8	11	3.76	.63	3.14
12	21	77	8	2.19	-5	7	2.85	-.77	2.82
12	22	77	8	3.21	-4	11	2.78	.35	3.67
12	23	77	8	.77	-8	7	3.77	-.34	2.34
12	24	77	8	-.21	-12	11	5.07	.28	2.59
12	25	77	8	.79	-9	12	4.56	.20	2.57
12	26	77	8	.61	-7	14	5.04	.75	3.19
12	27	77	8	.49	-8	8	3.24	-.17	2.75
12	28	77	8	2.85	-5	10	3.77	-.16	2.13
12	29	77	8	.73	-10	13	5.05	.06	2.85
12	30	77	8	1.21	-5	8	3.23	.06	2.32
12	31	77	8	2.84	-6	10	3.65	.10	2.40
1	1	78	8	2.19	-6	8	3.15	-.57	2.85
1	2	78	8	1.47	-6	8	3.54	-.25	2.40
1	3	78	8	.55	-6	7	2.90	-.17	2.91
1	4	78	8	2.14	-9	8	3.05	-1.71	6.76
1	5	78	8	1.63	-9	10	3.43	-.49	3.65
1	6	78	8	2.24	-5	12	3.18	.51	3.68
1	7	78	8	1.52	-5	8	3.32	-.08	2.07
1	8	78	8	-.07	-9	8	3.83	-.08	2.12
1	9	78	8	-.25	-12	9	4.75	-.37	2.46
1	10	78	8	1.58	-7	11	3.95	.31	2.46
1	11	78	8	-.30	-11	11	4.74	-.20	2.67
1	12	78	8	.23	-12	11	5.06	-.46	2.49
1	13	78	8	1.65	-9	14	5.52	.02	2.15
1	14	78	8	2.20	-12	9	3.75	-.83	5.03
1	15	78	8	.66	-6	8	3.12	-.06	2.60
1	16	78	8	2.26	-6	7	2.60	-.89	4.62
1	17	78	8	1.33	-3	8	2.64	.08	1.87
1	18	78	8	.56	-7	6	2.83	-1.06	3.56
1	19	78	8	2.87	-3	12	3.29	.55	3.40
1	20	78	8	3.10	-3	10	3.37	.19	2.08
1	21	78	8	1.43	-7	9	3.64	-.37	2.55
1	22	78	8	1.43	-8	13	4.28	.07	2.96
1	23	78	8	.14	-11	14	6.18	.39	2.36
1	24	78	8	1.45	-7	10	3.36	.48	3.27
1	25	78	8	2.51	-10	10	4.80	-.41	2.41
1	26	78	8	.82	-14	7	3.35	-1.04	6.74
1	27	78	8	2.42	-6	10	3.68	-.25	2.68
1	28	78	8	2.91	-5	9	3.33	-.65	2.52
1	29	78	8	2.65	-11	8	3.63	-1.39	6.26
1	30	78	8	2.73	-7	11	4.39	-.27	2.18
1	31	78	8	1.42	-6	11	3.65	.36	2.89
2	1	78	8	1.28	-5	8	2.96	-.05	2.68

FIGURE H-40

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	8	.41	-7	9	4.17	.11	2.34
2	3	78	8	1.06	-4	6	2.30	-.19	2.63
2	4	78	8	2.36	-11	8	3.40	-1.47	5.94
2	5	78	8	2.30	-9	10	3.33	-.44	4.27
2	6	78	8	2.22	-12	11	4.02	-.55	4.22
2	7	78	8	1.41	-7	13	4.26	.25	2.67
2	8	78	8	1.89	-12	12	4.66	.02	3.16
2	9	78	8	2.81	-9	21	5.58	.19	3.17
2	10	78	8	.49	-9	12	5.42	.23	2.08
2	11	78	8	.95	-12	18	5.52	.61	3.68
2	12	78	8	1.73	-8	15	5.94	.44	2.07
2	13	78	8	2.37	-12	15	5.92	-.23	2.87
2	14	78	8	.51	-9	16	5.10	.61	3.71
2	15	78	8	1.29	-6	5	2.07	-.47	3.56
2	16	78	8	1.72	-7	11	4.00	-.25	2.57
2	17	78	8	1.25	-4	6	2.82	.16	1.80
2	18	78	8	.25	-11	6	3.67	-1.07	4.02
2	19	78	8	3.15	-5	14	4.53	.34	2.33
2	20	78	8	2.21	-7	14	5.40	.36	2.07
2	21	78	8	3.95	-7	15	4.80	.01	2.63
2	22	78	8	1.37	-6	8	3.39	-.14	2.22
2	23	78	8	2.59	-8	9	3.97	-.76	2.71
2	24	78	8	.95	-14	9	4.08	-.86	4.25
2	25	78	8	1.91	-12	16	5.21	-.08	3.25
2	26	78	8	3.43	-7	18	4.05	.48	4.79
2	27	78	8	2.57	-12	12	5.06	-.40	2.62
2	28	78	8	2.22	-5	12	2.87	.20	3.45
3	1	78	8	1.54	-10	9	3.11	-.73	5.59
3	2	78	8	1.46	-9	6	3.21	-1.52	5.47
3	3	78	8	-1.34	-12	5	4.17	-.40	2.38
3	4	78	8	1.18	-5	6	2.30	-.07	2.88
3	5	78	8	-.04	-10	9	3.27	.23	4.13
3	6	78	8	1.43	-10	9	4.70	-.58	2.37
3	7	78	8	1.31	-9	11	4.13	.25	2.71
3	8	78	8	2.37	-7	13	5.16	.40	2.17
3	9	78	8	.74	-14	15	5.83	.12	2.67
3	10	78	8	1.45	-8	15	4.95	.45	2.84
3	10	78	748	.58	-2	4	1.62	.42	2.28

FIGURE H-41

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	8	1.75	-11	17	3.81	.35	3.92
12	1	77	8	1.77	-12	16	3.90	.15	3.60
1	1	78	8	1.73	-12	15	4.13	.10	3.09
2	1	78	8	1.53	-14	14	3.93	-.29	3.44
3	1	78	8	1.82	-14	21	4.43	.07	3.59
3	10	78	748	.94	-14	15	4.35	.08	3.51

FIGURE H-42

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

EPR DEPT RAD WASTE

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	10	78	748	1.66	-14	21	4.10	.03	3.51

FIGURE H-43

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	0	1.02	-7	8	3.34	-.21	2.19
10	27	77	0	.93	-8	6	2.18	-.83	5.07
10	28	77	0	.09	-9	10	3.67	.22	3.06
10	29	77	0	-.71	-8	7	3.46	.06	2.00
10	30	77	0	.52	-7	7	2.73	-.21	3.33
10	31	77	0	.45	-8	6	2.66	-.26	3.88
11	1	77	0	1.08	-6	8	2.46	.05	3.14
11	2	77	0	.85	-6	7	3.26	.35	2.35
11	3	77	0	-.73	-8	6	2.92	-.00	2.87
11	4	77	0	-1.08	-8	13	3.11	1.03	6.96
11	5	77	0	.91	-7	11	3.38	.03	2.70
11	6	77	0	.04	-6	7	2.73	.17	2.77
11	7	77	0	.16	-6	6	3.09	.18	2.06
11	8	77	0	.20	-4	11	2.53	1.34	6.39
11	9	77	0	-.31	-7	6	3.26	-.08	2.22
11	10	77	0	1.18	-11	23	7.02	1.77	7.02
11	11	77	0	.96	-9	8	3.34	-.17	2.52
11	12	77	0	.96	-8	7	2.84	-.35	3.25
11	13	77	0	1.46	-5	8	2.72	-.05	2.69
11	14	77	0	-1.48	-10	6	3.22	-.58	3.48
11	15	77	0	-.33	-12	12	5.43	.10	2.06
11	16	77	0	.64	-9	14	4.21	.43	3.36
11	17	77	0	-.23	-7	8	3.52	.41	2.47
11	18	77	0	.52	-8	7	3.00	-.33	2.82
11	19	77	0	.64	-5	9	3.25	.63	2.89
11	20	77	0	-.62	-6	7	2.84	.30	2.64
11	21	77	0	.81	-7	8	3.62	-.35	2.32
11	22	77	0	.26	-9	11	3.05	.08	2.02
11	23	77	0	-.14	-8	7	3.25	.03	2.64
11	24	77	0	-.01	-9	6	3.50	-.45	2.68
11	25	77	0	.15	-5	7	2.32	.22	2.28
11	26	77	0	-.12	-5	4	2.00	-.28	2.59
11	27	77	0	-.32	-8	7	2.92	.15	2.80
11	28	77	0	-.90	-11	7	3.15	-.52	3.72
11	29	77	0	.53	-5	6	2.97	.19	1.95
11	30	77	0	.52	-6	9	3.45	.46	2.46
12	1	77	0	1.29	-6	7	2.80	-.06	2.53
12	2	77	0	.65	-5	8	2.83	-.02	2.61
12	3	77	0	-.77	-5	8	2.91	.95	3.54
12	4	77	0	-.67	-10	11	4.26	-.21	2.99
12	5	77	0	.34	-11	14	4.53	.06	3.76
12	6	77	0	.81	-6	7	2.94	.06	2.36
12	7	77	0	.39	-6	7	3.04	-.07	2.25
12	8	77	0	.25	-5	5	2.09	-.22	2.39
12	9	77	0	.19	-5	6	2.43	.24	2.43
12	10	77	0	-.39	-7	4	2.25	-.12	2.67
12	11	77	0	.41	-7	7	3.29	-.28	2.24
12	12	77	0	.40	-7	8	3.91	-.06	1.86
12	13	77	0	-.55	-8	12	3.75	.96	3.97

FIGURE H-44

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	0	.17	-8	8	3.48	.13	2.58
12	15	77	0	.25	-9	7	3.49	-.19	2.48
12	16	77	0	.49	-5	6	2.55	.47	2.56
12	17	77	0	-.22	-9	10	2.94	.79	5.04
12	18	77	0	.14	-9	7	2.75	-.01	3.75
12	19	77	0	-.50	-6	4	2.20	-.54	2.99
12	20	77	0	1.57	-5	11	2.98	.67	4.00
12	21	77	0	-.12	-6	5	2.58	.00	2.44
12	22	77	0	.24	-8	21	5.40	1.82	7.26
12	23	77	0	-.50	-10	7	3.37	-.36	3.28
12	24	77	0	.56	-7	7	3.41	-.25	2.34
12	25	77	0	.24	-8	9	3.32	.20	3.07
12	26	77	0	.91	-4	8	3.01	.39	2.38
12	27	77	0	1.58	-8	25	6.40	1.59	6.23
12	28	77	0	-1.00	-11	22	5.13	1.99	9.16
12	29	77	0	1.82	-7	13	4.33	.14	2.41
12	30	77	0	1.20	-7	11	4.30	-.01	2.30
12	31	77	0	.03	-12	10	3.41	-.50	4.74
1	1	78	0	-.58	-5	9	2.28	.92	4.36
1	2	78	0	-.26	-5	7	2.31	.53	3.51
1	3	78	0	-.87	-6	5	2.02	.40	3.13
1	4	78	0	.66	-4	5	1.50	-.35	3.89
1	5	78	0	.72	-3	5	1.99	.18	2.63
1	6	78	0	.25	-7	7	2.59	.13	3.16
1	7	78	0	-.54	-6	6	2.42	.65	3.16
1	8	78	0	.24	-7	6	2.86	-.16	2.44
1	9	78	0	-.41	-9	10	4.01	.25	2.77
1	10	78	0	-.26	-9	18	6.01	1.28	4.48
1	11	78	0	-.24	-11	20	6.19	1.17	4.64
1	12	78	0	.02	-10	8	3.32	.00	3.44
1	13	78	0	-1.32	-8	4	3.29	-.32	2.18
1	14	78	0	.61	-10	11	4.85	-.19	2.25
1	15	78	0	.93	-7	20	5.04	1.21	5.21
1	16	78	0	.00	-7	13	3.44	.87	4.21
1	17	78	0	-.83	-8	6	3.26	-.36	2.44
1	18	78	0	1.61	-7	8	2.85	.06	3.43
1	19	78	0	.49	-10	6	3.16	-.78	4.38
1	20	78	0	-.09	-7	6	2.61	-.35	3.35
1	21	78	0	-.00	-7	8	3.64	.09	2.28
1	22	78	0	1.40	-9	20	4.80	1.46	7.23
1	23	78	0	.49	-9	20	5.92	1.62	5.59
1	24	78	0	-1.24	-8	9	3.40	.52	3.94
1	25	78	0	-.27	-10	16	4.82	.81	3.90
1	26	78	0	.23	-8	10	3.33	.29	3.62
1	27	78	0	-.91	-7	9	3.21	.80	3.40
1	28	78	0	-1.23	-12	5	3.92	-.43	2.51
1	29	78	0	.61	-6	6	2.85	.07	2.31
1	30	78	0	-1.80	-8	10	2.46	1.25	8.40
1	31	78	0	-.34	-7	9	3.14	.62	2.87
2	1	78	0	-.26	-5	6	2.54	.54	2.72

FIGURE H-45

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911 SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	0	.90	-6	11	3.46	.43	2.80
2	3	78	0	.07	-9	8	3.23	.20	3.04
2	4	78	0	.51	-10	8	3.61	-.15	3.17
2	5	78	0	-1.42	-5	4	2.36	.68	2.61
2	6	78	0	-.47	-13	6	3.60	-.43	3.50
2	7	78	0	-.36	-8	6	3.65	-.02	2.09
2	8	78	0	-1.20	-12	8	5.09	.11	2.03
2	9	78	0	-.48	-10	13	4.37	.63	3.17
2	10	78	0	2.30	-6	17	3.22	.73	3.35
2	11	78	0	.19	-9	12	4.50	.61	3.38
2	12	78	0	.41	-10	8	3.97	-.27	2.58
2	13	78	0	-.09	-7	8	3.26	.18	2.64
2	14	78	0	-.32	-12	10	4.83	.10	2.79
2	15	78	0	-1.39	-10	7	4.15	.42	2.38
2	16	78	0	-1.10	-7	5	2.68	-.00	2.51
2	17	78	0	-1.00	-7	6	3.00	.45	2.50
2	18	78	0	.20	-8	7	3.26	-.30	2.83
2	19	78	0	-.09	-7	6	2.97	-.16	2.57
2	20	78	0	.10	-7	7	3.61	-.26	2.14
2	21	78	0	-1.17	-8	7	3.62	.51	2.22
2	22	78	0	.19	-10	10	4.74	.10	2.07
2	23	78	0	.45	-8	14	4.34	.78	3.59
2	24	78	0	.03	-12	22	5.55	1.10	4.74
2	25	78	0	-.77	-10	21	4.68	1.27	7.10
2	26	78	0	-1.14	-9	4	3.18	-.10	2.04
2	27	78	0	-.13	-10	6	3.22	-.80	4.02
2	28	78	0	-1.46	-9	11	4.17	.76	3.34
3	1	78	0	-.91	-10	5	3.13	-.52	3.23
3	2	78	0	.73	-8	12	4.45	.07	2.55
3	3	78	0	.79	-5	7	2.74	.03	2.34
3	4	78	0	-.86	-9	8	3.48	.24	2.95
3	5	78	0	.57	-7	8	2.79	-.27	3.50
3	6	78	0	1.36	-7	12	4.41	.08	2.29
3	7	78	0	1.68	-11	10	4.20	-.69	3.08
3	8	78	0	1.41	-9	12	4.66	-.13	2.35
3	9	78	0	-.07	-12	25	7.73	1.07	4.12
3	10	78	0	.46	-12	21	5.40	.40	3.34
3	11	78	0	.17	-13	10	4.45	-.27	3.31
3	12	78	0	-.42	-6	9	2.96	.56	3.35
3	13	78	0	.78	-7	6	2.76	-.68	3.32
3	14	78	0	.84	-10	10	3.22	-.80	5.11
3	15	78	0	-.48	-5	4	1.80	.18	2.78
3	15	78	120	.75	-1	3	1.92	-.00	.72

FIGURE H-46

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	0	.48	-9	10	3.02	-.19	3.14
12	1	77	0	.19	-12	28	3.56	.61	6.63
1	1	78	0	.27	-12	25	3.59	.83	6.98
2	1	78	0	-.08	-12	20	3.73	.92	6.67
3	1	78	0	-.29	-13	22	4.03	.52	4.45
3	15	78	120	.54	-13	25	4.32	.45	5.44

FIGURE H-47

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311

SUMMARY STATS FOR V

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	15	78	120	.10	-13	28	3.77	.65	5.97

FIGURE H-48

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	25	77	11	-.35	-8.90	8.50	4.02	-.16	2.25
10	26	77	11	-.12	-6.10	9.10	2.99	.57	3.14
10	27	77	11	-1.02	-8.00	5.20	2.76	-.11	2.54
10	28	77	11	-1.26	-8.20	5.30	3.42	.15	2.19
10	29	77	11	-1.19	-8.50	5.50	3.36	.03	2.10
10	30	77	11	-.29	-4.10	6.30	2.69	.45	2.06
10	31	77	11	-3.15	-8.90	3.90	3.66	.10	1.83
11	1	77	11	-3.79	-10.90	3.40	3.41	-.20	2.57
11	2	77	11	-.31	-7.20	5.80	3.81	.11	1.79
11	3	77	11	-.66	-9.40	7.00	3.75	-.09	2.54
11	4	77	11	.96	-5.00	6.90	2.83	-.07	2.40
11	5	77	11	.20	-11.20	9.10	5.26	-.50	2.29
11	6	77	11	-2.21	-9.50	7.50	4.39	.37	2.32
11	7	77	11	-1.13	-13.60	10.80	6.02	-.44	2.19
11	8	77	11	-1.20	-12.10	11.00	5.29	.35	2.39
11	9	77	11	-1.57	-11.70	12.00	5.69	.56	2.65
11	10	77	11	1.49	-9.30	15.60	6.54	.38	2.12
11	11	77	11	2.99	-6.90	15.60	5.76	.23	2.22
11	12	77	11	3.00	-7.30	13.50	4.80	.09	2.11
11	13	77	11	1.02	-5.60	10.50	4.03	.45	2.33
11	14	77	11	-.24	-12.10	10.40	5.80	-.07	1.95
11	15	77	11	2.46	-4.70	10.70	3.21	.09	2.66
11	16	77	11	2.41	-3.10	14.40	3.94	1.20	4.30
11	17	77	11	4.65	-2.60	10.30	3.34	-.21	2.15
11	18	77	11	5.61	-.10	13.40	3.05	.34	2.42
11	19	77	11	4.38	-5.10	12.00	3.79	-.52	2.92
11	20	77	11	2.87	-4.30	7.90	3.20	-.48	2.11
11	21	77	11	1.07	-6.70	7.90	3.66	-.12	2.25
11	22	77	11	2.59	-3.90	9.80	3.57	.16	1.89
11	23	77	11	3.33	-5.90	10.30	4.29	-.36	2.17
11	24	77	11	2.36	-7.70	11.80	4.87	-.40	2.12
11	25	77	11	1.72	-11.40	10.50	6.31	-.55	2.03
11	26	77	11	1.05	-7.80	9.20	4.72	-.06	1.89
11	27	77	11	.93	-7.70	8.40	3.70	-.45	2.66
11	28	77	11	.23	-5.60	6.80	2.86	.22	2.53
11	29	77	11	-1.46	-6.10	4.90	2.78	.39	2.00
11	30	77	11	-.41	-9.60	7.60	4.93	-.28	1.86
12	1	77	11	.56	-4.60	7.60	3.03	.20	2.07
12	2	77	11	1.08	-5.80	9.50	3.63	.14	2.34
12	3	77	11	.04	-9.60	5.70	4.14	-.39	2.08
12	4	77	11	-1.45	-8.10	4.50	2.82	-.10	2.29
12	5	77	11	1.11	-2.10	4.90	1.59	-.15	2.30
12	6	77	11	2.48	-5.20	7.30	2.89	-.38	2.40
12	7	77	11	4.85	-3.90	14.70	4.79	.17	2.13
12	8	77	11	1.44	-6.70	10.20	5.02	.07	1.71
12	9	77	11	1.41	-7.90	8.10	4.28	-.44	2.17
12	10	77	11	1.37	-4.70	9.50	3.87	.13	1.67
12	11	77	11	1.37	-11.10	8.40	4.73	-.78	2.87
12	12	77	11	.57	-9.90	13.20	5.90	.07	2.18

FIGURE H-49

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	13	77	11	.91	-7.20	11.00	5.07	.23	1.99
12	14	77	11	-1.75	-10.30	9.60	5.67	.33	1.90
12	15	77	11	-1.44	-7.30	6.30	3.66	.38	1.87
12	16	77	11	-.64	-8.90	8.60	5.23	-.00	1.59
12	17	77	11	-1.39	-6.50	3.90	2.41	.00	2.41
12	18	77	11	-1.26	-5.90	4.30	2.73	.30	1.99
12	19	77	11	-2.35	-7.80	3.30	2.36	.09	2.86
12	20	77	11	-2.38	-8.00	2.60	2.36	-.27	2.42
12	21	77	11	.42	-8.60	9.70	4.27	-.17	2.25
12	22	77	11	.32	-9.90	7.80	3.93	-.59	2.94
12	23	77	11	-1.37	-9.40	6.70	4.32	.28	1.97
12	24	77	11	-2.72	-12.90	6.70	5.40	-.33	1.87
12	25	77	11	-.96	-6.30	6.50	3.45	.49	2.18
12	26	77	11	1.65	-4.90	9.80	4.16	.07	1.83
12	27	77	11	4.35	-2.70	13.20	3.62	-.04	2.31
12	28	77	11	3.47	-5.50	15.60	5.77	.47	2.09
12	29	77	11	2.71	-7.30	11.40	4.65	-.20	2.39
12	30	77	11	2.65	-4.90	9.90	3.54	-.30	2.22
12	31	77	11	1.89	-5.70	9.00	4.17	-.14	1.78
1	1	78	11	1.04	-6.40	6.70	3.07	-.41	2.17
1	2	78	11	1.56	-5.70	11.50	3.88	.48	2.73
1	3	78	11	.32	-5.80	4.80	2.65	-.46	2.25
1	4	78	11	-.85	-6.80	6.30	3.17	.30	2.19
1	5	78	11	-2.57	-7.70	4.90	3.41	.52	2.17
1	6	78	11	-2.18	-13.00	5.60	5.66	-.33	1.74
1	7	78	11	-2.86	-9.50	6.00	4.46	.28	1.84
1	8	78	11	-1.63	-15.30	10.20	6.67	-.12	2.09
1	9	78	11	-.39	-6.30	10.70	3.73	.86	3.02
1	10	78	11	-1.23	-9.80	10.30	5.73	.45	2.00
1	11	78	11	-1.34	-19.00	11.10	7.31	-.16	1.95
1	12	78	11	-.85	-8.60	8.80	3.74	.40	2.81
1	13	78	11	-1.12	-10.50	9.10	5.54	.21	1.65
1	14	78	11	-.08	-10.30	9.70	5.13	.06	2.06
1	15	78	11	-.53	-6.50	8.50	3.97	.69	2.65
1	16	78	11	3.60	-8.80	12.90	6.66	-.51	1.87
1	17	78	11	3.14	-5.10	14.30	4.54	.68	2.86
1	18	78	11	.66	-8.50	6.70	4.00	-.75	2.60
1	19	78	11	3.98	-5.00	13.50	4.71	.26	2.23
1	20	78	11	4.83	-4.40	10.30	3.56	-.93	3.15
1	21	78	11	6.00	-.80	11.50	2.47	-.60	3.57
1	22	78	11	4.58	-2.90	10.80	3.59	-.69	2.43
1	23	78	11	5.12	-4.10	12.70	4.02	-.29	2.25
1	24	78	11	5.43	-3.50	15.20	4.08	.31	2.72
1	25	78	11	2.55	-12.20	10.90	5.68	-1.00	3.26
1	26	78	11	2.42	-8.40	9.20	4.68	-.64	2.18
1	27	78	11	1.74	-7.00	10.00	4.91	-.15	1.76
1	28	78	11	.32	-9.40	6.30	4.08	-.39	2.05
1	29	78	11	.51	-10.10	11.00	5.88	.13	1.70
1	30	78	11	-.15	-9.70	8.90	5.14	.03	1.65
1	31	78	11	-1.23	-8.50	5.80	3.97	-.11	1.95

FIGURE H-50

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	1	78	11	.24	-7.50	6.10	3.75	-.50	2.00
2	2	78	11	.47	-6.70	6.50	3.58	-.31	1.90
2	3	78	11	-.13	-5.80	7.90	4.00	.44	2.00
2	4	78	11	1.67	-7.20	10.20	5.23	-.04	1.63
2	5	78	11	3.24	-4.10	12.30	4.61	.07	1.74
2	6	78	11	3.22	-10.70	13.70	6.56	-.41	2.24
2	7	78	11	.67	-13.50	10.50	6.40	-.51	2.26
2	8	78	11	-.47	-12.60	11.40	5.95	-.11	1.89
2	9	78	11	-2.37	-8.80	8.30	4.39	.62	2.48
2	10	78	11	-2.98	-12.30	6.40	5.35	.18	1.65
2	11	78	11	-3.11	-9.60	3.30	3.43	-.03	1.79
2	12	78	11	-2.74	-8.00	5.40	3.24	.58	2.46
2	13	78	11	-2.44	-8.60	5.90	3.82	.61	2.44
2	14	78	11	-4.92	-14.00	4.50	4.43	-.07	2.07
2	15	78	11	-7.85	-15.20	-3.60	2.76	-.64	2.86
2	16	78	11	-8.57	-16.10	2.40	4.60	.52	2.40
2	17	78	11	-6.32	-15.80	2.60	5.24	-.17	1.73
2	18	78	11	-3.91	-9.10	4.70	3.23	.76	2.87
2	19	78	11	-3.06	-14.20	8.40	5.34	.05	2.22
2	20	78	11	-2.59	-11.60	10.10	5.94	.41	2.06
2	21	78	11	-1.54	-12.40	6.00	4.87	-.59	2.42
2	22	78	11	-1.99	-10.90	10.70	5.62	.32	1.91
2	23	78	11	-3.18	-14.10	7.30	5.93	.14	1.64
2	24	78	11	-3.41	-15.30	5.50	5.73	-.06	1.72
2	25	78	11	-1.86	-9.10	6.90	4.53	.65	2.64
2	26	78	11	.28	-10.50	9.10	4.63	-.01	2.41
2	27	78	11	1.15	-5.20	8.10	3.30	.29	2.21
2	28	78	11	1.19	-6.20	10.30	4.02	.19	2.07
3	1	78	11	1.82	-5.50	5.70	2.59	-.96	3.20
3	2	78	11	1.37	-4.50	7.10	2.54	-.15	2.48
3	3	78	11	.79	-6.70	6.80	2.92	-.34	2.76
3	4	78	11	.51	-8.70	6.70	3.12	-.60	3.36
3	5	78	11	-.86	-6.90	7.40	3.59	.41	2.28
3	6	78	11	-1.27	-9.70	7.30	4.70	.23	1.90
3	7	78	11	-.19	-8.60	13.80	5.71	.51	2.52
3	8	78	11	-3.88	-15.20	6.70	5.68	-.16	2.06
3	9	78	11	-2.63	-16.90	13.70	7.54	.30	2.26
3	10	78	11	-3.12	-11.50	3.00	3.88	-.51	2.45
3	11	78	11	-4.87	-15.20	3.00	4.31	-.42	2.71
3	12	78	11	-4.15	-10.90	3.60	4.15	.24	1.91
3	13	78	11	-4.28	-12.80	6.40	4.83	.35	2.16
3	14	78	11	-3.62	-13.20	6.20	4.00	.06	3.21
3	15	78	11	-1.96	-8.20	5.70	4.22	.44	1.79
3	16	78	11	.29	-11.80	8.80	5.82	-.49	1.92
3	17	78	11	.09	-7.50	6.60	3.29	-.18	2.46
3	18	78	11	-1.77	-6.50	5.60	3.24	.56	2.31
3	19	78	11	-2.06	-14.40	3.10	4.61	-1.07	3.11
3	20	78	11	-1.32	-11.10	6.00	4.51	-.31	1.89
3	21	78	11	-2.30	-8.90	5.20	3.82	.19	1.97
3	22	78	11	-.50	-8.30	4.40	3.16	-.80	2.74

FIGURE H-51

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	23	78	11	-2.93	-7.40	7.70	3.62	.51	2.34
3	24	78	11	-1.39	-7.90	5.60	3.40	-.08	2.11
3	25	78	11	-2.21	-10.00	4.90	3.39	.25	2.12
3	26	78	11	-1.15	-11.10	8.10	4.93	.26	2.07
3	27	78	11	-1.55	-8.80	7.60	4.26	.31	2.10
3	28	78	11	-.62	-9.30	5.40	3.17	-.98	3.46
3	29	78	11	-1.66	-7.50	5.60	3.70	.37	1.91
3	30	78	11	-1.58	-10.70	7.90	4.80	.14	2.16
3	31	78	11	.18	-13.90	9.00	5.69	-.81	2.77
4	1	78	11	.08	-7.90	7.80	4.34	-.26	1.75
4	2	78	11	-3.19	-10.70	6.10	4.23	.53	2.11
4	3	78	11	-2.75	-12.40	7.80	5.48	.25	2.17
4	4	78	11	-1.12	-9.90	9.00	4.19	.05	2.57
4	5	78	11	-1.74	-10.40	7.20	4.94	.14	1.99
4	6	78	11	-.47	-9.90	8.30	4.64	-.09	2.36
4	7	78	11	-.30	-7.80	9.90	4.56	.26	1.93
4	8	7	11	-1.74	-9.50	6.60	3.69	.39	2.44
4	9	78	11	-2.75	-8.40	4.70	3.20	.11	2.32
4	10	78	11	-1.63	-6.90	6.30	3.38	.29	1.98
4	11	78	11	-1.91	-8.90	3.40	2.78	-.33	2.38
4	12	78	11	-2.40	-7.60	3.70	2.63	.37	2.54
4	13	78	11	-1.85	-6.70	5.40	2.94	.37	2.31
4	14	78	11	-1.30	-6.00	3.90	2.27	.57	2.83
4	15	78	11	-2.31	-8.00	2.20	1.75	-.46	4.56
4	16	78	11	.15	-6.80	5.60	3.39	-.61	2.17
4	17	78	11	-.20	-3.30	4.10	2.01	.34	1.66
4	18	78	11	-.26	-5.60	4.20	2.44	-.05	1.99
4	19	78	11	-1.47	-6.00	5.40	2.49	.56	2.56
4	20	78	11	-.22	-7.30	8.70	4.89	.30	1.68
4	21	78	11	1.78	-4.20	7.10	2.67	-.41	2.13
4	22	78	11	.34	-8.50	10.60	4.63	.50	2.63
4	23	78	11	1.10	-6.20	6.90	3.16	-.53	2.38
4	24	78	11	.69	-11.40	8.40	4.90	-.37	2.18
4	25	78	11	2.53	-3.90	12.70	3.67	.48	3.00
4	26	78	11	5.01	-7.80	12.80	5.04	-.77	2.67
4	27	78	11	2.85	-5.90	12.80	5.32	.17	1.72
4	28	78	11	1.98	-3.70	11.60	3.46	.92	3.27
4	29	78	11	3.34	-6.50	10.30	4.59	-.56	2.28
4	30	78	11	4.00	-4.60	10.20	3.54	-.54	2.69
5	1	78	11	6.24	-2.60	14.80	4.04	.27	2.39
5	2	78	11	6.47	2.70	10.80	1.77	-.01	2.52
5	3	78	11	7.15	-2.20	16.80	4.99	-.18	2.09
5	4	78	11	5.90	-6.80	14.60	5.25	-.79	2.96
5	5	78	11	4.17	-5.80	13.30	4.61	-.25	2.32
5	6	78	11	5.77	-4.30	16.10	5.06	.14	2.13
5	7	78	11	5.87	-5.60	17.90	6.65	-.09	1.81
5	8	78	11	3.97	-7.40	16.40	6.17	.16	1.77
5	9	78	11	4.11	-7.40	14.50	6.48	-.18	1.69
5	10	78	11	2.06	-3.30	8.70	3.38	.39	2.02
5	11	78	11	5.61	-1.90	10.50	2.66	-1.10	4.12

FIGURE H-52

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2411

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
5	12	78	11	5.12	-1.80	11.90	3.22	-.08	2.18
5	13	78	11	3.90	-2.60	10.00	3.64	-.19	1.80
5	14	78	11	5.27	-1.30	12.50	3.66	.07	2.02
5	15	78	11	6.91	2.40	12.50	2.34	.35	2.42
5	16	78	11	4.64	-1.70	10.90	3.35	-.09	1.88
5	17	78	11	.46	-9.80	7.20	4.00	-.30	3.23
5	18	78	11	2.53	-8.20	10.60	4.76	-.79	2.66
5	19	78	11	3.90	-3.70	10.90	3.94	-.21	1.96
5	20	78	11	-1.43	-10.70	7.70	4.65	-.04	1.98
5	21	78	11	-6.36	-15.30	1.90	4.46	-.06	1.84
5	22	78	11	-8.98	-17.00	1.60	4.73	.02	2.22
5	23	78	11	-6.39	-14.70	.30	3.07	-.09	2.61
5	24	78	11	-2.22	-9.70	6.50	3.67	.12	2.96
5	25	78	11	-2.17	-17.50	8.20	6.69	-.54	2.42
5	26	78	11	-5.13	-12.60	7.00	4.96	.75	2.67
5	27	78	11	-5.19	-10.40	5.50	4.03	.36	2.90
5	28	78	11	-8.10	-17.70	1.60	5.18	-.05	1.91
5	29	78	11	-8.61	-14.10	-4.00	1.89	-.48	2.98
5	30	78	11	-6.03	-15.90	2.70	4.63	-.26	1.93
5	31	78	11	-3.35	-12.40	4.30	4.53	-.15	1.67
6	1	78	11	-2.29	-7.50	4.70	2.99	.30	2.35
6	2	78	11	-.97	-9.00	6.30	3.70	-.22	2.03
6	3	78	11	-.90	-9.90	9.60	4.81	.05	1.91
6	4	78	11	1.28	-7.90	9.90	4.48	-.43	2.51
6	5	78	11	2.49	-6.40	7.70	3.51	-.38	2.85
6	6	78	11	2.42	-6.00	11.50	4.46	.21	2.20
6	7	78	11	1.69	-5.60	7.90	4.41	-.11	1.42
6	8	78	11	2.74	-7.80	11.60	4.94	-.33	2.21
6	9	78	11	3.12	-5.60	13.30	5.10	-.02	1.68
6	10	78	11	1.39	-4.40	9.90	3.36	.11	1.75
6	11	78	11	1.52	-6.70	10.50	4.44	-.22	1.97
6	12	78	11	4.48	-2.90	12.40	3.89	.10	1.99
6	13	78	11	5.71	-1.90	12.90	3.61	.03	2.30
6	14	78	11	5.77	-6.50	12.90	4.61	-.53	2.96
6	15	78	11	6.09	-6.40	11.20	3.91	-1.43	4.75
6	16	78	11	4.29	-5.80	11.60	4.94	-.29	2.00
6	17	78	11	5.09	-2.20	12.30	3.82	-.26	1.95
6	18	78	11	6.93	-1.40	16.30	4.30	.04	1.98
6	19	78	11	5.04	-4.50	13.10	4.80	-.36	1.99
6	20	78	11	4.69	-6.10	12.00	5.05	-.36	1.98
6	21	78	11	2.47	-7.20	10.30	4.86	-.23	1.78
6	22	78	11	4.56	-4.20	12.50	4.54	-.26	1.71
6	23	78	11	3.95	-6.20	12.60	4.54	-.54	2.31
6	24	78	11	.67	-6.90	8.30	4.16	.05	1.71
6	25	78	11	.46	-9.20	7.00	4.39	-.56	2.18
6	26	78	11	1.09	-8.20	9.70	5.17	-.10	1.78
6	27	78	11	2.89	-6.30	16.10	5.45	.16	2.12
6	28	78	11	3.72	-5.10	16.00	5.18	.34	2.38
6	29	78	11	2.46	-4.20	8.50	3.80	-.17	1.65
6	30	78	11	.95	-6.40	5.70	3.37	-.36	1.81

FIGURE H-53

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2311

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/79 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
7	1	79	11	-3.14	-9.80	2.90	3.20	-.42	2.31
7	2	79	11	-1.69	-6.20	4.30	3.02	.37	1.79
7	3	79	11	-1.49	-7.70	5.10	3.12	.06	2.35
7	4	79	11	-1.39	-8.60	5.10	3.81	.02	1.58
7	5	79	11	-.48	-6.90	6.60	3.58	.32	2.12
7	6	79	11	4.11	-5.50	10.20	3.76	-.63	2.56
7	7	79	11	2.36	-4.30	10.60	3.97	-.08	1.83
7	8	79	11	2.96	-5.50	10.30	3.34	-.01	2.03
7	9	79	11	-.19	-7.60	9.60	4.17	.43	2.07
7	10	79	11	-4.02	-8.90	-.70	2.05	-.69	2.42
7	11	79	11	-2.02	-6.00	4.10	2.29	.37	2.78
7	12	79	11	.51	-6.00	6.00	3.06	-.09	1.95
7	13	79	11	2.24	-4.50	9.40	3.50	.19	1.92
7	14	79	11	2.69	-3.80	8.30	3.27	-.31	1.92
7	15	79	11	1.53	-4.30	7.30	2.89	-.04	2.33
7	16	79	11	.86	-10.30	9.60	5.60	-.30	1.[illegible]
7	17	79	11	2.25	-6.20	7.50	3.62	-.59	2.41
7	18	79	11	2.00	-10.20	14.20	6.19	-.11	2.26
7	19	79	11	.32	-8.20	11.50	6.19	.29	1.63
7	20	79	11	-1.95	-11.40	9.90	6.09	.08	1.71
7	21	79	11	-4.79	-16.00	7.90	5.15	.19	2.79
7	22	79	11	-4.49	-16.60	3.80	4.45	-.34	2.93
7	23	79	11	-2.92	-15.80	10.00	7.36	.24	1.66
7	24	79	11	-2.91	-16.40	9.90	6.60	-.20	2.19
7	25	79	11	-2.96	-16.70	8.00	5.28	-.43	2.53
7	26	79	11	-1.96	-7.70	3.90	2.87	-.15	2.07
7	27	79	11	-2.48	-8.90	4.00	3.41	-.09	1.82
7	28	79	11	-5.33	-11.60	1.10	3.04	.32	2.27
7	29	79	11	-5.30	-12.30	2.50	3.48	.32	2.49
7	30	79	11	-5.64	-11.50	-.30	2.79	-.12	2.19
7	31	79	11	-3.83	-8.00	2.60	2.38	.73	3.34
8	1	79	11	-3.23	-11.50	3.10	3.56	-.09	2.28
8	2	79	11	-.63	-11.40	7.10	4.75	-.24	2.03
8	3	79	11	.64	-6.60	7.60	3.57	-.01	2.09
8	4	79	11	-2.07	-11.50	7.50	5.07	.21	2.29
8	5	79	11	-2.98	-9.00	3.60	3.51	.28	2.02
8	6	79	11	-3.41	-13.00	6.10	4.51	.17	2.63
8	7	79	11	-3.30	-10.50	3.30	3.50	.02	1.98
8	8	79	11	-3.18	-11.30	2.40	3.65	-.71	2.37
8	9	79	11	-3.54	-14.10	8.90	5.71	.27	2.20
8	10	79	11	-1.99	-12.50	8.30	5.45	.03	2.10
8	11	79	11	.31	-6.00	7.30	3.75	-.11	1.76
8	12	79	11	2.04	-9.00	10.80	5.10	-.31	2.08
8	13	79	11	2.93	-3.80	10.10	3.35	-.12	2.18
8	14	79	11	1.36	-4.30	9.20	3.70	.47	1.85
8	15	79	11	1.69	-7.50	11.30	4.07	.01	3.03
8	16	79	11	3.41	-5.00	12.80	4.83	.11	1.71
8	17	79	11	4.16	-4.10	13.00	4.43	.08	1.83
8	18	79	11	3.21	-7.10	11.80	5.32	-.02	1.74
8	19	79	11	2.05	-12.90	13.80	6.68	-.22	2.11

FIGURE H-54

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
8	20	78	11	-.08	-10.30	11.00	5.90	-.04	1.66
8	21	78	11	1.07	-11.00	11.90	7.01	.03	1.57
8	22	78	11	.70	-10.30	11.50	6.22	.07	1.70
8	23	78	11	.36	-7.60	9.30	4.78	.12	1.55
8	24	78	11	-1.54	-10.20	4.20	4.06	-.49	1.95
8	25	78	11	-.83	-7.80	6.40	3.98	.16	1.75
8	26	78	11	.32	-6.60	7.00	3.16	-.28	2.11
8	27	78	11	-.49	-4.90	2.60	1.84	-.36	2.32
8	28	78	11	-2.01	-6.10	1.70	1.95	-.38	2.24
8	29	78	11	-3.35	-8.20	8.40	4.46	.70	2.26
8	30	78	11	-1.38	-8.20	3.30	3.11	-.24	1.92
8	31	78	11	-.67	-8.80	7.70	4.01	.01	2.11
9	1	78	11	.90	-7.50	9.40	4.21	-.19	1.78
9	2	78	11	-.42	-8.50	7.80	3.99	-.28	2.35
9	3	78	11	-2.72	-12.00	6.50	4.91	.02	2.00
9	4	78	11	-2.58	-13.50	10.40	6.00	-.04	2.09
9	5	78	11	-2.67	-10.10	7.40	4.47	.26	1.97
9	6	78	11	-.31	-9.70	9.60	4.25	-.31	2.58
9	7	78	11	1.61	-7.20	10.50	4.62	.22	1.88
9	8	78	11	4.69	-5.40	17.60	6.13	.08	1.69
9	9	78	11	6.30	-2.40	13.00	4.16	-.40	1.96
9	10	78	11	6.17	-2.00	12.40	3.20	-.01	2.13
9	11	78	11	3.42	-2.40	9.70	2.56	-1.17	3.96
9	12	78	11	3.95	-2.20	9.50	3.15	-.04	1.93
9	13	78	11	2.52	-7.80	13.50	6.01	-.01	1.78
9	14	78	11	.93	-8.20	10.10	4.39	-.03	1.96
9	15	78	11	1.62	-6.70	9.10	4.13	-.05	1.69
9	16	78	11	.78	-8.80	10.50	4.49	.16	2.36
9	17	78	11	-.17	-9.10	9.50	5.91	.03	1.61
9	18	78	11	1.57	-15.50	14.10	6.34	-.54	3.37
9	19	78	11	1.57	-6.90	12.20	4.80	.34	1.93
9	20	78	11	1.83	-8.40	9.70	4.58	-.27	1.95
9	21	78	11	1.53	-7.30	11.90	5.34	.01	1.73
9	22	78	11	1.13	-5.40	7.70	3.29	.01	2.02
9	23	78	11	.06	-4.40	7.30	2.93	.80	2.81
9	24	78	11	-.68	-6.70	5.70	3.54	.31	2.04
9	25	78	11	-1.86	-7.70	6.50	3.47	.40	2.24
9	26	78	11	-.20	-7.20	6.60	3.13	-.13	2.32
9	27	78	11	-2.01	-7.90	5.20	3.06	-.05	2.23
9	28	78	11	-3.72	-9.10	5.20	3.70	.60	2.28
9	29	78	11	-2.75	-9.50	5.50	3.72	.22	2.13
9	30	78	11	.23	-9.50	10.20	5.37	.39	1.90
10	1	78	11	.35	-7.90	7.90	4.00	.02	1.98
10	2	78	11	-1.40	-7.10	7.70	3.98	.37	2.08
10	3	78	11	-2.24	-8.80	6.20	3.85	.34	1.99
10	4	78	11	-1.58	-11.00	5.00	4.03	-.42	2.39
10	5	78	11	-.31	-7.60	5.70	3.51	-.27	2.28
10	6	78	11	-2.23	-11.60	8.00	6.27	.04	1.50
10	7	78	11	-2.74	-13.10	7.30	4.65	-.21	2.69

FIGURE H-55

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	8	78	11	-2.54	-8.80	5.00	3.39	.27	2.26
10	9	78	11	-1.66	-8.60	4.00	3.69	-.24	1.72
10	10	78	11	-1.80	-9.90	4.10	3.02	-.28	3.08
10	11	78	11	-2.80	-12.00	4.00	4.00	-.19	2.38
10	12	78	11	-2.83	-10.90	5.00	4.39	-.16	1.83
10	13	78	11	-4.04	-13.80	8.10	5.54	.23	1.99
10	14	78	11	-3.87	-10.10	5.20	4.42	.56	2.09
10	15	78	11	-4.56	-12.90	2.90	4.28	-.09	2.26
10	16	78	11	-3.50	-12.40	8.00	4.81	.49	2.51
10	17	78	11	-2.76	-8.20	7.30	3.74	.82	3.19
10	18	78	11	-2.05	-10.00	6.40	4.69	.14	1.73
10	19	78	11	-1.29	-11.00	11.20	5.48	.15	2.31
10	20	78	11	-2.48	-14.50	9.40	6.84	-.01	1.66
10	21	78	11	-3.68	-13.00	7.30	5.14	.17	2.02
10	22	78	11	-3.41	-10.50	7.00	4.62	.46	2.10
10	23	78	11	-1.38	-5.90	7.70	5.70	.09	1.52
10	23	78	2241	4.07	-8.80	128.80	16.67	5.41	37.57

FIGURE H-56

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	11	-1.41	-10.90	9.10	3.53	-.07	2.72
12	1	77	11	1.24	-13.60	15.60	4.85	-.11	2.74
1	1	78	11	.56	-12.90	15.60	4.55	.11	2.80
2	1	78	11	.35	-19.00	15.20	5.33	-.18	2.52
3	1	78	11	-1.78	-16.10	13.70	5.56	.03	2.45
4	1	78	11	-1.54	-16.90	13.80	4.60	-.13	2.82
5	1	78	11	.04	-12.40	14.80	4.52	.31	2.81
6	1	78	11	.57	-17.70	17.90	5.84	-.22	2.36
7	1	78	11	2.78	-9.90	16.30	4.85	-.13	2.31
8	1	78	11	-1.23	-16.70	14.20	5.03	-.04	2.68
9	1	78	11	-.16	-14.10	13.80	4.99	.13	2.57
10	1	78	11	.73	-15.50	17.60	5.14	.06	2.52
10	23	78	2241	-2.24	-14.50	128.80	5.87	6.13	125.12

FIGURE H-57

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR V

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41

METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	23	78	2241	-.13	-19.00	17.90	5.24	-.03	2.72

FIGURE H-58

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	2	.44	-9	11	5.98	.19	1.76
10	27	77	2	-.72	-16	12	6.94	.14	1.97
10	28	77	2	.33	-10	12	5.17	.31	2.14
10	29	77	2	-.25	-8	7	4.15	.06	1.78
10	30	77	2	-.66	-10	8	4.64	-.31	2.26
10	31	77	2	-1.80	-10	7	4.57	.19	1.79
11	1	77	2	-1.06	-6	4	2.91	-.16	2.14
11	2	77	2	-2.59	-13	8	5.38	-.16	2.29
11	3	77	2	-2.45	-12	5	4.19	-.14	2.04
11	4	77	2	-2.58	-8	5	3.06	.67	2.77
11	5	77	2	-2.97	-9	3	2.94	-.16	1.92
11	6	77	2	-3.32	-11	5	3.96	.25	1.89
11	7	77	2	-2.94	-11	4	3.88	-.32	2.05
11	8	77	2	-2.12	-13	9	6.82	.14	1.40
11	9	77	2	-1.05	-10	12	4.50	.63	4.04
11	10	77	2	.92	-6	9	3.88	.20	2.29
11	11	77	2	2.37	-4	12	4.93	.38	1.70
11	12	77	2	2.20	-3	8	3.10	.14	1.57
11	13	77	2	2.42	-6	11	4.02	.06	2.10
11	14	77	2	2.17	-3	7	2.47	.07	1.84
11	15	77	2	1.16	-4	7	2.48	.64	2.81
11	16	77	2	-1.60	-10	6	3.67	.31	2.33
11	17	77	2	-2.00	-8	3	2.53	-.48	2.33
11	18	77	2	-.93	-13	7	4.79	-.56	2.51
11	19	77	2	-2.21	-7	5	3.35	.28	1.97
11	20	77	2	-.18	-10	10	5.71	-.17	1.63
11	21	77	2	-.28	-12	14	6.70	.39	2.22
11	22	77	2	.93	-9	12	4.68	.18	2.73
11	23	77	2	1.47	-6	10	4.95	.13	1.65
11	24	77	2	1.53	-6	11	5.10	.13	1.50
11	25	77	2	2.10	-5	16	4.61	.73	2.82
11	26	77	2	.84	-6	8	3.20	-.57	2.46
11	27	77	2	-.48	-8	6	3.56	-.01	2.04
11	28	77	2	-.11	-5	6	2.74	-.17	2.05
11	29	77	2	-.31	-12	5	3.74	-1.12	4.20
11	30	77	2	2.09	-8	9	4.01	-.54	3.14
12	1	77	2	1.73	-6	9	4.67	-.36	1.92
12	2	77	2	2.53	-9	12	5.04	-.16	1.97
12	3	77	2	2.49	-3	9	2.82	.07	2.04
12	4	77	2	2.06	-6	10	4.12	-.22	2.18
12	5	77	2	2.31	-7	16	5.44	.39	2.75
12	6	77	2	.96	-7	6	3.29	-.44	2.44
12	7	77	2	2.76	-6	14	5.45	.28	1.93
12	8	77	2	1.61	-5	11	4.33	.23	1.94
12	9	77	2	1.37	-7	10	4.40	.14	1.93
12	10	77	2	1.03	-10	11	5.42	-.08	1.48
12	11	77	2	-.48	-9	9	4.34	.01	2.02
12	12	77	2	-.13	-7	6	3.43	.04	2.08
12	13	77	2	-.93	-7	6	3.39	.18	2.09

FIGURE H-59

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	2	-2.27	-8	7	3.78	.28	2.04
12	15	77	2	-1.59	-6	3	2.20	-.10	2.02
12	16	77	2	-.96	-7	10	4.23	.59	2.43
12	17	77	2	-.63	-6	6	2.57	.47	2.74
12	18	77	2	1.17	-6	11	4.99	.24	1.60
12	19	77	2	2.83	-7	11	4.80	-.02	1.82
12	20	77	2	2.16	-7	8	3.71	-.66	2.87
12	21	77	2	.86	-9	16	6.04	.61	2.53
12	22	77	2	.32	-9	12	5.78	.41	2.07
12	23	77	2	2.11	-9	13	5.52	-.26	2.08
12	24	77	2	1.54	-6	13	4.90	.60	2.35
12	25	77	2	1.09	-6	8	3.70	.06	2.07
12	26	77	2	2.67	-4	13	3.82	.81	3.22
12	27	77	2	3.03	-5	11	4.93	-.30	1.84
12	28	77	2	.75	-6	11	4.31	.62	2.32
12	29	77	2	1.58	-9	12	4.30	.06	2.41
12	30	77	2	1.74	-5	9	3.21	-.15	2.55
12	31	77	2	1.83	-4	8	2.76	.05	2.10
1	1	78	2	.95	-4	10	3.03	1.19	4.10
1	2	78	2	1.14	-3	7	2.21	.45	2.46
1	3	78	2	1.76	-6	9	3.32	-.29	2.31
1	4	78	2	1.62	-5	9	3.19	.29	2.31
1	5	78	2	1.72	-4	8	3.34	.11	2.14
1	6	78	2	.60	-6	7	3.33	-.21	1.96
1	7	78	2	1.25	-6	7	3.05	-.05	2.37
1	8	78	2	1.58	-5	9	3.28	.02	2.21
1	9	78	2	1.67	-5	8	3.57	.15	1.88
1	10	78	2	-.19	-10	12	5.36	.48	2.23
1	11	78	2	.82	-5	5	2.60	-.31	2.18
1	12	78	2	-.56	-6	5	2.17	-.32	3.04
1	13	78	2	-1.67	-10	8	4.50	.10	2.18
1	14	78	2	.12	-5	8	2.52	.64	3.34
1	15	78	2	.36	-9	8	4.63	-.29	1.84
1	16	78	2	1.68	-6	10	3.96	.19	2.29
1	17	78	2	1.05	-5	11	4.13	.31	2.29
1	18	78	2	1.51	-5	7	2.90	-.22	2.01
1	19	78	2	2.19	-7	12	4.39	-.06	2.29
1	20	78	2	1.45	-5	10	3.14	.84	3.16
1	21	78	2	.07	-6	7	3.50	.12	1.74
1	22	78	2	.29	-11	9	4.51	-.18	2.30
1	23	78	2	.30	-9	9	4.77	-.15	1.77
1	24	78	2	1.19	-8	10	3.80	.01	2.82
1	25	78	2	1.98	-3	6	2.10	-.18	2.49
1	26	78	2	1.45	-3	6	1.87	.37	2.49
1	27	78	2	1.39	-3	6	1.99	.40	2.04
1	28	78	2	1.09	-4	7	2.71	.14	2.29
1	29	78	2	.30	-4	5	2.32	.27	2.54
1	30	78	2	.69	-5	6	1.89	.33	3.61
1	31	78	2	.01	-5	4	1.59	-.37	4.67
2	1	78	2	.23	-4	3	1.28	-1.54	5.98

FIGURE H-60

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	2	-.22	-7	2	2.01	-1.53	5.46
2	3	78	2	-1.04	-7	2	2.51	-.88	2.45
2	4	78	2	-.57	-9	3	2.65	-1.08	3.82
2	5	78	2	-.79	-7	3	2.31	-.85	3.44
2	6	78	2	-.96	-8	3	2.68	-.94	3.03
2	6	78	2342	-.98	-7	3	2.28	-.60	2.99

FIGURE H-61

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	2	-.55	-16	12	5.05	.19	2.52
12	1	77	2	-.20	-13	16	4.65	.05	2.81
1	1	78	2	1.12	-10	16	4.55	.26	2.57
2	1	78	2	.37	-11	12	3.40	-.02	3.15
2	6	78	2342	-.76	-9	3	2.42	-1.00	3.49

FIGURE H-62

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 2/ 6/78 03:42
METER TYPE - AANDERAA RCM-5 METER # - 2830 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	6	78	2342	.45	-16	16	4.27	.10	3.04

FIGURE H-63

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	15	2.57	-4	11	4.38	.21	1.81
10	27	77	15	1.57	-5	11	3.62	.11	2.44
10	28	77	15	1.40	-8	10	5.19	.04	1.86
10	29	77	15	1.97	-8	14	5.45	.34	2.48
10	30	77	15	1.35	-6	11	4.73	.18	1.96
10	31	77	15	2.72	-8	9	4.28	-.46	2.44
11	1	77	15	2.31	-9	13	5.61	.36	2.07
11	2	77	15	1.20	-7	11	4.12	-.16	2.21
11	3	77	15	1.16	-8	10	3.79	.40	2.73
11	4	77	15	.32	-9	10	4.94	.06	1.98
11	5	77	15	2.16	-7	16	5.63	.51	2.50
11	6	77	15	1.34	-8	9	4.19	-.43	2.33
11	7	77	15	1.22	-8	14	6.41	.23	1.81
11	8	77	15	1.35	-17	19	8.73	.01	2.27
11	9	77	15	.97	-14	14	7.49	-.11	1.84
11	10	77	15	.26	-20	14	9.05	-.36	2.32
11	11	77	15	1.54	-15	14	8.28	-.32	1.81
11	12	77	15	.30	-22	12	8.06	-1.45	4.45
11	13	77	15	1.42	-12	12	5.92	-.52	2.41
11	14	77	15	2.80	-7	13	4.10	.14	3.27
11	15	77	15	2.87	-7	9	4.31	-.58	2.45
11	16	77	15	1.30	-11	8	4.97	-.73	2.66
11	17	77	15	2.28	-12	11	6.38	-.94	2.50
11	18	77	15	1.97	-13	12	5.79	-.78	3.22
11	19	77	15	2.36	-24	17	8.56	-.63	3.10
11	20	77	15	2.25	-18	19	8.25	-.27	2.97
11	21	77	15	.68	-12	11	5.80	-.06	1.88
11	22	77	15	2.53	-9	12	5.70	-.57	1.97
11	23	77	15	2.87	-10	16	6.08	.01	2.20
11	24	77	15	-.39	-22	10	7.56	-.94	3.55
11	25	77	15	.22	-8	10	3.65	.48	3.58
11	26	77	15	1.04	-9	9	5.23	-.38	2.00
11	27	77	15	.96	-11	13	7.16	.04	1.64
11	28	77	15	.18	-15	11	6.03	-.67	3.12
11	29	77	15	.35	-14	22	9.11	.41	2.06
11	30	77	15	3.49	-10	19	7.14	.02	2.26
12	1	77	15	1.12	-15	16	7.31	-.34	2.84
12	2	77	15	2.20	-8	10	4.53	-.27	2.20
12	3	77	15	1.44	-25	15	9.18	-.61	2.70
12	4	77	15	1.91	-18	16	7.27	-.62	3.18
12	5	77	15	2.42	-8	13	5.21	-.12	2.29
12	6	77	15	1.34	-7	13	4.83	.01	2.52
12	7	77	15	1.54	-6	15	5.47	.95	2.86
12	8	77	15	.32	-12	18	7.43	.29	2.18
12	9	77	15	-1.36	-21	2	4.80	-2.80	10.46
12	10	77	15	1.45	-6	13	4.85	.71	2.72
12	11	77	15	1.26	-4	16	3.67	2.38	9.02
12	12	77	15	-1.30	-20	11	6.52	-.81	3.75
12	13	77	15	1.01	-2	9	2.32	1.46	5.24

FIGURE H-64

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	15	1.01	-12	19	4.53	.50	7.07
12	15	77	15	.44	-8	13	3.76	.42	3.71
12	16	77	15	-.89	-29	24	13.03	-.28	2.49
12	17	77	15	1.43	-14	23	8.11	.71	3.42
12	18	77	15	1.54	-11	16	6.29	-.01	2.23
12	19	77	15	1.63	-13	17	8.94	.06	1.85
12	20	77	15	.55	-15	20	8.91	.41	2.08
12	20	77	15	.65	#######	#######	8.91	.41	2.08

FIGURE H-65

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	15	1.97	-9	14	4.81	.17	2.34
12	1	77	15	1.42	-24	22	6.56	-.36	3.27
12	20	77	15	.95	-29	24	6.81	-.22	4.69

FIGURE H-66

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 12/20/77 00:15
METER TYPE - AANDERAA RCM-5 METER # - 2918 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	20	77	15	1.33	-29	24	6.47	-.30	3.93

FIGURE H-67

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2911 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	8	.92	-7	10	5.06	.13	1.49
10	27	77	8	.23	-10	11	3.76	-.03	3.37
10	28	77	8	1.00	-8	12	5.56	.16	1.91
10	29	77	8	.14	-11	13	5.60	.29	2.52
10	30	77	8	1.70	-7	12	4.39	-.15	2.51
10	31	77	8	1.27	-7	7	3.65	-.50	2.17
11	1	77	8	2.00	-6	14	5.12	.55	2.30
11	2	77	8	-.68	-11	7	4.56	-.34	2.13
11	3	77	8	.47	-7	7	3.96	-.20	1.90
11	4	77	8	-.01	-10	17	5.86	.96	3.26
11	5	77	8	-.82	-10	9	4.92	.27	2.22
11	6	77	8	.70	-8	12	5.01	.13	2.03
11	7	77	8	-.04	-11	12	6.58	.24	1.59
11	8	77	8	-1.09	-22	18	8.68	-.08	2.54
11	9	77	8	.31	-20	12	8.12	-.56	2.29
11	10	77	8	-.62	-20	14	7.94	-.12	2.63
11	11	77	8	-.57	-20	12	7.29	-.76	3.25
11	12	77	8	.50	-9	8	4.24	-.28	1.97
11	13	77	8	1.00	-10	9	4.41	-.09	2.20
11	14	77	8	-.36	-11	8	4.40	.01	2.20
11	15	77	8	1.59	-7	9	3.97	-.22	2.26
11	16	77	8	2.15	-10	9	4.25	-.82	2.80
11	17	77	8	.76	-9	11	4.72	-.27	2.09
11	18	77	8	1.17	-12	11	5.19	.04	2.94
11	19	77	8	1.12	-14	14	7.29	-.29	2.19
11	20	77	8	1.21	-15	19	7.47	.16	2.51
11	21	77	8	1.15	-9	14	4.89	.13	2.39
11	22	77	8	2.43	-9	14	5.51	-.31	2.19
11	23	77	8	-.30	-22	13	8.06	-.93	3.36
11	24	77	8	.71	-8	9	4.03	-.04	2.32
11	25	77	8	.61	-7	8	3.96	-.06	2.19
11	26	77	8	.97	-14	11	5.90	-.63	2.57
11	27	77	8	-.82	-23	13	8.76	-.84	3.00
11	28	77	8	-1.07	-22	14	8.38	-.57	2.93
11	29	77	8	.71	-14	20	8.55	.35	1.87
11	30	77	8	.59	-16	8	6.31	-1.25	3.66
12	1	77	8	1.28	-9	19	5.43	.78	3.68
12	2	77	8	.80	-10	11	5.80	-.07	1.75
12	3	77	8	1.33	-19	13	7.33	-.64	2.80
12	4	77	8	.59	-15	12	6.52	-.69	2.91
12	5	77	8	.97	-8	11	5.19	.07	1.74
12	6	77	8	-.15	-8	10	4.42	.48	2.48
12	7	77	8	-.54	-18	12	7.25	-.09	2.08
12	8	77	8	-.48	-18	16	8.57	-.01	2.09
12	9	77	8	-1.64	-26	19	8.77	.26	3.52
12	10	77	8	.57	-22	14	7.23	-.78	3.35
12	11	77	8	-.98	-26	14	8.57	-.90	3.39
12	12	77	8	-.93	-25	14	9.45	-.71	2.90
12	13	77	8	.00	-25	15	9.68	-.98	3.48

FIGURE H-68

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	8	2.46	-25	14	8.83	-1.45	4.97
12	15	77	8	-.55	-24	24	10.78	-.37	2.56
12	16	77	8	-.51	-30	21	11.40	-.24	3.05
12	17	77	8	-.16	-19	8	6.09	-1.09	3.86
12	18	77	8	1.30	-12	14	7.08	-.12	1.86
12	19	77	8	-.04	-20	16	9.46	-.29	1.91
12	20	77	8	-.17	-17	20	7.26	.34	3.25
12	21	77	8	-.30	-9	9	4.40	-.24	2.30
12	22	77	8	.90	-8	9	4.23	-.14	2.04
12	23	77	8	-.19	-24	19	9.25	-.41	2.83
12	24	77	8	-1.85	-27	17	9.38	-.65	3.04
12	25	77	8	-1.07	-14	15	6.72	.62	3.07
12	26	77	8	-1.10	-8	14	5.57	.98	3.04
12	27	77	8	-2.14	-17	11	7.43	.09	1.95
12	28	77	8	-.52	-15	10	6.57	-.31	2.25
12	29	77	8	-.78	-15	16	6.79	.30	2.50
12	30	77	8	2.17	-7	17	5.73	.66	2.70
12	31	77	8	.34	-8	17	5.85	1.08	3.49
1	1	78	8	.94	-12	9	5.46	-.43	2.08
1	2	78	8	1.21	-8	14	5.39	.31	1.99
1	3	78	8	-.07	-12	10	5.73	.00	1.65
1	4	78	8	.49	-9	9	4.37	-.01	1.96
1	5	78	8	.63	-9	9	4.82	-.29	1.81
1	6	78	8	.53	-11	14	6.53	.20	1.91
1	7	78	8	.37	-17	12	6.53	-.30	2.55
1	8	78	8	-.82	-23	15	9.90	-.29	2.30
1	9	78	8	-2.90	-28	20	11.77	-.28	2.66
1	10	78	8	-.59	-30	19	11.64	-.60	2.55
1	11	78	8	-2.47	-40	21	14.08	-.90	3.36
1	12	78	8	-.15	-28	20	10.23	-.51	2.71
1	13	78	8	-2.93	-30	21	13.91	-.36	2.04
1	14	78	8	1.20	-16	22	8.35	.09	2.24
1	15	78	8	1.37	-17	13	7.12	-.42	2.73
1	16	78	8	1.00	-12	9	5.54	-.50	1.90
1	17	78	8	2.32	-11	13	5.18	-.66	2.78
1	18	78	8	-.31	-9	12	5.80	.43	2.11
1	19	78	8	1.38	-7	16	4.96	.62	2.89
1	20	78	8	1.87	-10	14	5.76	-.33	2.16
1	21	78	8	.02	-15	18	6.48	.20	3.21
1	22	78	8	-1.31	-27	16	11.62	-.61	2.66
1	23	78	8	-1.59	-23	15	9.74	-.25	1.99
1	24	78	8	-.68	-28	13	11.17	-1.16	3.32
1	25	78	8	1.56	-19	19	8.75	-.40	2.37
1	26	78	8	-1.37	-28	18	9.76	-.31	2.72
1	27	78	8	-1.30	-25	8	9.02	-1.26	3.70
1	28	78	8	2.52	-10	15	6.05	-.27	2.16
1	29	78	8	2.97	-5	14	4.29	.15	2.09
1	30	78	8	.26	-20	19	8.75	-.15	2.61
1	31	78	8	1.04	-10	14	6.61	-.13	1.84
2	1	78	8	1.40	-9	11	6.05	.08	1.65

FIGURE H-69

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	8	-.47	-24	13	9.14	-.63	2.57
2	3	78	8	-.30	-12	7	4.46	-.43	2.42
2	4	78	8	-.22	-14	12	6.69	.22	1.77
2	5	78	8	1.18	-21	14	7.17	-.75	3.17
2	6	78	8	2.21	-22	10	6.86	-1.62	5.77
2	7	78	8	-1.30	-24	19	10.00	.10	2.45
2	8	78	8	-1.18	-25	18	12.00	-.34	1.84
2	9	78	8	1.33	-25	22	10.28	-.66	2.74
2	10	78	8	-2.32	-30	22	13.25	.03	2.31
2	11	78	8	-2.43	-28	23	13.42	.18	2.15
2	12	78	8	-.54	-28	28	14.48	.06	1.95
2	13	78	8	-1.77	-24	29	10.84	.62	2.83
2	14	78	8	-1.70	-19	25	10.02	.49	2.63
2	15	78	8	1.08	-13	14	6.81	-.21	2.09
2	16	78	8	.25	-17	20	8.83	.16	2.56
2	17	78	8	.56	-16	12	7.38	-.46	2.02
2	18	78	8	.51	-12	11	5.03	-.11	2.27
2	19	78	8	.42	-18	16	8.53	.24	1.87
2	20	78	8	-3.07	-23	19	9.16	.35	2.70
2	21	78	8	-1.16	-21	13	8.65	.03	2.54
2	22	78	8	-.81	-19	21	8.91	.35	2.57
2	23	78	8	-.10	-21	17	8.17	-.14	2.34
2	24	78	8	-1.05	-21	18	8.96	-.58	3.09
2	25	78	8	-2.36	-33	30	14.68	-.27	2.24
2	26	78	8	1.32	-23	11	7.60	-1.34	4.83
2	27	78	8	2.04	-15	24	7.64	.39	3.36
2	28	78	8	1.40	-14	11	5.98	-.76	2.65
3	1	78	8	1.45	-20	12	6.23	-1.10	4.67
3	2	78	8	.26	-11	8	4.59	-.51	2.45
3	3	78	8	-.48	-16	14	6.76	-.23	2.85
3	4	78	8	1.32	-11	13	5.48	-.54	2.54
3	5	78	8	-.42	-23	15	8.99	-.60	2.82
3	6	78	8	-1.87	-25	12	8.79	-.63	2.76
3	7	78	8	-.82	-19	15	7.41	-.09	1.84
3	8	78	8	-1.43	-20	18	9.16	.30	2.07
3	9	78	8	-2.26	-23	23	13.31	.23	1.88
3	10	78	8	-.77	-21	16	10.88	-.05	1.69
3	10	78	749	.33	-9	6	5.27	-.75	1.89

FIGURE H-70

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	8	1.04	-11	14	4.80	.16	2.52
12	1	77	8	.43	-23	20	5.20	-.41	3.64
1	1	78	8	-.07	-30	24	7.58	-.43	3.64
2	1	78	8	.15	-40	22	8.49	-.84	4.48
3	1	78	8	-.27	-33	30	9.45	-.28	3.19
3	10	78	748	-.53	-25	23	8.88	-.23	2.73

FIGURE H-71

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/10/78 07:48
METER TYPE - AANDERAA RCM-5 METER # - 2919 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	10	78	748	.07	-40	30	7.94	-.52	3.98

FIGURE H-72

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	26	77	0	.11	-8	6	3.54	-.39	2.44
10	27	77	0	.49	-7	13	3.80	.70	3.78
10	28	77	0	.34	-8	7	2.95	-.22	3.25
10	29	77	0	-.56	-10	8	3.85	-.26	2.71
10	30	77	0	-.43	-6	9	2.97	.74	3.30
10	31	77	0	.92	-6	11	2.98	.80	4.39
11	1	77	0	.88	-12	12	5.67	-.45	2.90
11	2	77	0	-.39	-10	8	4.13	.06	2.15
11	3	77	0	-.40	-10	3	4.24	-.37	2.53
11	4	77	0	.27	-8	10	3.55	-.10	2.83
11	5	77	0	-1.37	-11	15	5.19	.75	3.28
11	6	77	0	.53	-10	15	5.03	.25	2.70
11	7	77	0	.08	-7	7	3.35	-.34	2.28
11	8	77	0	.71	-8	9	3.84	.10	2.41
11	9	77	0	-1.49	-14	11	5.57	-.16	2.40
11	10	77	0	-2.15	-12	6	4.60	-.52	2.38
11	11	77	0	.31	-12	9	5.54	-.27	3.86
11	12	77	0	-.97	-9	7	3.09	-.18	2.86
11	13	77	0	.82	-5	9	2.51	.63	3.73
11	14	77	0	-1.09	-9	6	3.63	-.12	2.01
11	15	77	0	.47	-7	17	4.70	.46	3.30
11	16	77	0	-1.47	-13	11	5.38	-.63	4.03
11	17	77	0	.06	-8	10	4.14	.16	2.25
11	18	77	0	.71	-11	7	3.50	-.74	3.66
11	19	77	0	.55	-11	11	4.65	-.31	2.55
11	20	77	0	-.67	-10	9	3.90	.27	2.60
11	21	77	0	.80	-8	11	4.87	.24	2.05
11	22	77	0	1.50	-9	13	4.73	.13	2.39
11	23	77	0	.49	-11	14	5.56	.06	2.35
11	24	77	0	-1.01	-11	9	3.81	.43	3.14
11	25	77	0	-.25	-7	7	2.84	-.00	2.74
11	26	77	0	.29	-9	7	3.12	-.25	3.20
11	27	77	0	.16	-9	14	5.03	.30	2.41
11	28	77	0	.83	-9	10	3.83	-.49	2.87
11	29	77	0	-.08	-11	6	3.53	-.66	3.48
11	30	77	0	-1.12	-7	6	2.67	.31	3.11
12	1	77	0	.57	-5	7	3.03	.27	2.20
12	2	77	0	.40	-11	10	4.45	-.20	2.46
12	3	77	0	-.43	-7	4	2.64	-.53	2.97
12	4	77	0	-.70	-9	9	4.06	.17	2.51
12	5	77	0	.12	-12	10	4.56	-.65	3.31
12	6	77	0	-.87	-10	7	3.45	-.13	2.98
12	7	77	0	-.55	-8	13	4.15	.74	3.70
12	8	77	0	.38	-5	8	3.19	.33	2.40
12	9	77	0	.39	-5	8	2.45	.04	2.98
12	10	77	0	.03	-8	7	3.49	-.15	2.27
12	11	77	0	.37	-7	11	3.94	.23	2.34
12	12	77	0	1.52	-7	16	4.33	1.15	4.92
12	13	77	0	.41	-13	12	4.54	-.32	3.82

FIGURE H-73

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2911 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	0	-.26	-19	16	6.52	-.36	3.67
12	15	77	0	1.13	-6	15	4.09	.80	3.79
12	16	77	0	.33	-9	8	3.29	-.93	3.78
12	17	77	0	2.12	-3	9	2.73	.38	2.44
12	18	77	0	1.00	-8	10	3.44	-.21	2.87
12	19	77	0	.13	-6	7	2.55	.29	3.48
12	20	77	0	.47	-8	9	3.45	-.23	2.70
12	21	77	0	-.10	-6	7	2.92	.25	2.55
12	22	77	0	-.33	-13	12	5.52	-.16	2.77
12	23	77	0	.22	-15	14	5.86	-.62	3.50
12	24	77	0	.73	-5	13	3.82	.73	3.20
12	25	77	0	-.11	-12	8	4.04	-.25	2.91
12	26	77	0	1.30	-14	11	4.36	-1.25	5.04
12	27	77	0	-2.89	-12	7	4.27	.16	2.66
12	28	77	0	-.88	-11	9	3.99	.06	2.64
12	29	77	0	-1.91	-12	13	4.89	.69	3.69
12	30	77	0	.73	-5	13	4.00	.69	3.11
12	31	77	0	.15	-9	10	3.42	.23	3.85
1	1	78	0	-.14	-5	8	2.79	.30	3.71
1	2	78	0	.35	-5	7	2.39	.40	3.30
1	3	78	0	.72	-5	6	2.65	-.34	2.59
1	4	78	0	1.38	-6	8	2.17	-.09	4.60
1	5	78	0	1.49	-3	7	1.98	.33	2.78
1	6	78	0	.61	-11	12	4.73	-.10	2.82
1	7	78	0	.56	-4	6	2.37	.25	2.27
1	8	78	0	.35	-7	6	2.66	-.25	3.10
1	9	78	0	.24	-9	9	4.12	-.11	2.21
1	10	78	0	-1.86	-16	7	5.42	-.51	2.77
1	11	78	0	-.13	-12	13	4.84	.17	3.44
1	12	78	0	.64	-9	14	4.90	.17	2.72
1	13	78	0	-.63	-9	8	4.16	-.18	1.88
1	14	78	0	.36	-10	7	3.64	-.76	3.37
1	15	78	0	.34	-9	10	4.13	.01	2.67
1	16	78	0	-.35	-7	15	4.33	.34	4.17
1	17	78	0	-.53	-10	7	3.82	-.37	2.73
1	18	78	0	.01	-10	6	3.56	-.80	3.25
1	19	78	0	-.31	-11	7	4.15	-.43	2.71
1	20	78	0	.17	-7	9	3.39	-.01	2.83
1	21	78	0	1.09	-6	8	2.79	-.42	3.07
1	22	78	0	.74	-8	6	2.95	-.61	3.26
1	23	78	0	-.39	-8	5	3.54	-.33	2.35
1	24	78	0	-.22	-8	7	3.04	-.33	2.99
1	25	78	0	-.22	-14	11	5.39	-.48	3.17
1	26	78	0	-.21	-7	12	3.33	.88	4.37
1	27	78	0	.53	-12	9	4.79	-.80	3.58
1	28	78	0	.35	-9	14	4.25	.24	3.26
1	29	78	0	.14	-7	7	3.03	-.34	2.99
1	30	78	0	.57	-8	7	3.24	-.09	2.85
1	31	78	0	-.25	-10	11	3.81	.32	3.41
2	1	78	0	.52	-11	7	3.31	-.78	4.57

FIGURE H-74

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2911

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	2	78	0	-.06	-7	7	2.81	-.13	3.04
2	3	78	0	.50	-10	11	3.25	.25	4.45
2	4	78	0	.08	-9	5	2.76	-.77	4.05
2	5	78	0	-.90	-9	6	3.24	-.29	2.53
2	6	78	0	.46	-6	7	2.49	-.14	2.64
2	7	78	0	1.03	-9	5	3.07	-1.48	5.04
2	8	78	0	.09	-8	8	4.52	-.28	1.81
2	9	78	0	-.38	-12	8	4.90	-.45	2.13
2	10	78	0	2.05	-8	10	3.04	-.26	4.34
2	11	78	0	-.58	-9	8	3.86	.01	2.47
2	12	78	0	.90	-7	13	3.72	.38	2.99
2	13	78	0	.89	-5	8	3.19	.44	2.24
2	14	78	0	.99	-20	14	5.68	-.71	4.42
2	15	78	0	.11	-7	11	3.76	.27	2.80
2	16	78	0	.50	-10	9	3.34	-.44	4.22
2	17	78	0	.94	-11	7	3.27	-1.18	5.70
2	18	78	0	.32	-7	11	3.88	.49	2.76
2	19	78	0	1.12	-8	8	3.48	-.37	2.93
2	20	78	0	.27	-11	13	4.22	-.43	3.88
2	21	78	0	1.65	-9	14	3.32	.84	6.11
2	22	78	0	.70	-10	14	3.98	-.07	4.17
2	23	78	0	1.33	-12	8	3.62	-.68	4.51
2	24	78	0	-.87	-14	7	3.95	-.69	4.46
2	25	78	0	-.34	-8	10	3.86	.16	2.72
2	26	78	0	-.41	-15	7	3.82	-1.40	5.61
2	27	78	0	-.28	-13	9	4.39	-.22	3.20
2	28	78	0	.58	-11	21	5.73	.86	5.32
3	1	78	0	1.69	-10	9	4.02	-.89	3.68
3	2	78	0	-1.28	-12	8	3.67	.04	3.45
3	3	78	0	-1.38	-12	15	4.87	.86	4.80
3	4	78	0	-.47	-13	10	4.80	-.51	3.20
3	5	78	0	1.91	-6	8	2.43	-.11	3.45
3	6	78	0	-.49	-9	6	3.33	-.21	2.45
3	7	78	0	.08	-10	8	3.54	-.13	2.90
3	8	78	0	1.15	-4	10	2.64	1.03	4.35
3	9	78	0	-1.21	-16	11	5.31	-.05	2.22
3	10	78	0	-1.86	-14	14	5.66	-.20	3.00
3	11	78	0	.24	-12	12	5.44	-.36	2.46
3	12	78	0	1.34	-5	12	3.44	.81	3.97
3	13	78	0	.75	-6	9	3.29	-.13	2.40
3	14	78	0	-.04	-8	6	2.98	-.44	2.93
3	15	78	0	1.42	-7	6	3.10	-.83	3.45
3	15	78	120	2.75	0	5	2.34	-.34	1.09

FIGURE H-75

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	0	.25	-12	13	3.81	-.02	3.89
12	1	77	0	-.13	-19	17	4.21	-.04	3.37
1	1	78	0	.11	-19	16	4.11	-.11	4.14
2	1	78	0	.21	-16	15	3.78	-.32	3.94
3	1	78	0	.45	-20	21	5.88	-.23	4.54
3	15	78	120	.02	-16	15	4.26	-.37	3.93

FIGURE H-76

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311 SUMMARY STATS FOR U

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2320 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	15	78	120	.14	-20	21	4.02	-.19	3.97

FIGURE H-77

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	25	77	11	-1.79	-13.50	10.00	5.69	.22	1.73
10	26	77	11	-.50	-9.00	8.90	4.82	.23	1.82
10	27	77	11	.52	-6.90	7.10	3.26	-.24	2.32
10	28	77	11	.38	-5.30	7.20	3.63	-.27	2.15
10	29	77	11	-.04	-3.80	5.30	2.23	.24	1.97
10	30	77	11	1.65	-3.30	7.30	2.72	.14	2.13
10	31	77	11	2.09	-3.70	6.70	2.17	-.63	3.34
11	1	77	11	1.07	-4.90	6.80	2.39	.01	2.79
11	2	77	11	-.30	-6.80	6.90	3.02	.06	2.26
11	3	77	11	-1.63	-8.20	6.10	3.86	.25	1.80
11	4	77	11	-1.06	-10.40	10.90	4.51	.37	3.04
11	5	77	11	.53	-9.30	9.20	5.17	-.17	1.89
11	6	77	11	-.64	-6.80	7.40	3.62	.47	2.37
11	7	77	11	-.71	-9.50	11.30	5.76	.38	1.88
11	8	77	11	-.26	-9.90	10.10	5.68	-.02	1.62
11	9	77	11	1.44	-5.80	11.70	5.44	.05	2.13
11	10	77	11	-.09	-11.00	12.30	7.52	.02	1.36
11	11	77	11	-2.06	-15.40	13.60	7.38	.41	1.97
11	12	77	11	-1.37	-19.80	9.30	6.31	-.68	3.88
11	13	77	11	-1.39	-9.50	6.90	5.07	.10	1.61
11	14	77	11	-1.73	-8.90	7.70	4.11	.48	2.40
11	15	77	11	-1.06	-11.60	6.00	3.31	-.38	3.66
11	16	77	11	-.72	-10.10	7.50	4.15	-.32	2.21
11	17	77	11	-1.61	-12.70	8.00	5.28	-.46	2.09
11	18	77	11	-3.36	-16.40	6.00	4.68	-.25	3.07
11	19	77	11	-1.52	-8.10	7.60	4.33	.11	2.13
11	20	77	11	-.10	-9.80	6.40	3.62	-.61	2.81
11	21	77	11	-.72	-9.20	9.30	4.51	.44	2.35
11	22	77	11	-2.39	-11.20	6.50	4.58	.21	2.02
11	23	77	11	-.17	-10.90	9.00	5.45	-.06	1.79
11	24	77	11	-.62	-13.30	13.50	7.19	.11	1.93
11	25	77	11	-.61	-11.60	11.90	5.69	.28	2.40
11	26	77	11	1.26	-7.10	13.20	5.23	.46	2.35
11	27	77	11	1.09	-4.70	7.30	2.98	.01	1.99
11	28	77	11	2.48	-6.40	7.60	4.11	-.36	2.31
11	29	77	11	1.27	-9.40	9.50	3.97	-.61	3.34
11	30	77	11	1.26	-10.70	15.60	6.74	.23	2.06
12	1	77	11	.41	-9.60	10.10	4.49	-.42	2.72
12	2	77	11	-.36	-9.30	9.40	5.66	.09	1.51
12	3	77	11	-.74	-10.00	8.20	5.92	.09	1.66
12	4	77	11	-.60	-8.70	9.80	4.50	.34	2.33
12	5	77	11	-1.20	-8.70	4.80	3.58	-.24	1.83
12	6	77	11	-2.80	-8.20	3.10	2.67	.47	2.66
12	7	77	11	-2.55	-11.50	10.50	4.23	.65	3.59
12	8	77	11	-.19	-9.40	9.00	5.61	.06	1.55
12	9	77	11	.74	-8.50	10.20	5.39	.03	1.81
12	10	77	11	1.21	-7.70	10.40	5.07	.04	1.93
12	11	77	11	-.79	-10.10	12.10	5.00	.44	1.93
12	12	77	11	.19	-9.60	10.00	6.49	.02	1.34

FIGURE H-78

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2311

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	13	77	11	-.33	-12.30	13.00	7.06	.06	1.69
12	14	77	11	1.62	-9.90	13.20	6.36	.28	1.91
12	15	77	11	-.46	-9.00	6.20	3.80	-.57	2.39
12	16	77	11	2.47	-7.20	11.90	5.53	.01	1.80
12	17	77	11	.51	-5.60	6.00	2.89	-.23	1.99
12	18	77	11	-.69	-6.60	5.80	2.74	.14	2.39
12	19	77	11	-.66	-6.90	4.70	3.06	-.10	1.79
12	20	77	11	-.88	-6.50	7.70	3.24	.62	2.96
12	21	77	11	-1.04	-6.80	4.70	2.74	-.12	2.25
12	22	77	11	-.58	-6.30	8.60	3.69	.39	2.17
12	23	77	11	1.94	-7.50	13.00	5.53	.10	1.80
12	24	77	11	.47	-10.60	11.90	5.46	.44	2.19
12	25	77	11	.42	-8.40	7.40	3.95	-.27	2.39
12	26	77	11	.55	-6.10	7.90	4.30	-.17	1.98
12	27	77	11	-.56	-11.00	8.70	4.84	-.20	2.39
12	28	77	11	-1.61	-9.30	6.40	4.40	.01	1.74
12	29	77	11	-3.08	-11.00	9.80	5.75	.62	2.04
12	30	77	11	-1.89	-8.10	10.10	4.63	.52	2.11
12	31	77	11	-1.61	-9.20	9.40	5.06	.30	1.70
1	1	78	11	-.93	-9.20	4.40	3.75	-.77	2.62
1	2	78	11	-.01	-6.00	8.50	3.96	.39	2.13
1	3	78	11	.97	-3.50	5.30	2.02	.10	2.28
1	4	78	11	.67	-4.80	7.00	2.97	.09	1.94
1	5	78	11	2.36	-7.10	9.70	3.96	-.51	2.17
1	6	78	11	1.07	-6.60	12.70	4.34	.49	2.99
1	7	78	11	.56	-7.00	7.60	4.19	-.10	1.76
1	8	78	11	-.14	-9.00	14.10	5.95	.41	2.32
1	9	78	11	.75	-10.30	10.50	5.64	-.14	1.81
1	10	78	11	.33	-9.90	10.10	5.90	.04	1.85
1	11	78	11	.15	-9.90	12.20	5.83	.19	1.95
1	12	78	11	-.15	-13.00	11.90	6.79	.08	1.88
1	13	78	11	-.08	-8.20	9.20	5.13	.10	1.60
1	14	78	11	-.77	-9.30	9.10	4.74	.32	1.99
1	15	78	11	-1.91	-10.60	6.50	4.75	-.20	1.71
1	16	78	11	-1.32	-10.20	7.80	5.22	.03	1.65
1	17	78	11	-.74	-7.30	8.30	3.89	.35	2.54
1	18	78	11	-3.69	-13.60	5.60	4.75	-.38	2.48
1	19	78	11	-3.39	-11.80	6.60	4.61	.41	2.26
1	20	78	11	-3.23	-8.80	5.70	3.84	.60	2.32
1	21	78	11	-3.02	-8.90	3.60	3.80	.00	1.72
1	22	78	11	-3.46	-11.00	4.70	4.36	.17	1.88
1	23	78	11	-2.75	-9.80	5.00	4.04	.11	1.96
1	24	78	11	-1.56	-13.00	9.20	7.34	.03	1.40
1	25	78	11	-.71	-8.50	12.40	4.47	.87	3.86
1	26	78	11	1.51	-6.10	10.30	3.86	.33	2.33
1	27	78	11	3.43	-4.60	12.30	4.91	.32	1.73
1	28	78	11	2.57	-3.50	7.40	3.44	-.28	1.63
1	29	78	11	2.37	-7.30	11.90	4.44	-.17	2.17
1	30	78	11	2.28	-2.20	8.20	2.90	.19	1.76
1	31	78	11	1.06	-3.30	9.20	2.81	.51	2.56

FIGURE H-79

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
2	1	78	11	-2.39	-10.30	6.70	3.74	.58	2.79
2	2	78	11	-2.12	-8.80	3.80	3.02	-.36	2.45
2	3	78	11	-2.03	-13.00	7.90	5.39	.04	1.90
2	4	78	11	-2.68	-8.70	4.70	3.93	.21	1.86
2	5	78	11	-.20	-11.10	10.40	6.27	-.08	1.55
2	6	78	11	-.57	-12.60	13.70	7.13	.31	2.08
2	7	78	11	1.29	-7.10	12.80	4.64	.41	2.54
2	8	78	11	1.60	-6.10	10.30	4.37	.05	1.67
2	9	78	11	1.37	-6.60	10.80	5.03	-.06	1.48
2	10	78	11	1.83	-5.80	11.70	4.67	.49	2.04
2	11	78	11	.72	-7.20	5.70	3.47	-.69	2.27
2	12	78	11	-1.44	-8.70	6.40	3.73	.09	2.31
2	13	78	11	.27	-6.10	6.50	3.47	-.35	2.02
2	14	78	11	.12	-11.60	10.10	4.63	-.29	3.14
2	15	78	11	1.34	-8.30	8.50	3.90	-.59	3.17
2	16	78	11	1.80	-7.80	9.60	5.26	-.36	1.78
2	17	78	11	1.76	-7.50	12.30	5.13	.19	2.15
2	18	78	11	3.10	-3.70	9.30	3.04	-.42	2.41
2	19	78	11	2.37	-6.40	11.10	4.87	-.26	1.93
2	20	78	11	.94	-8.00	17.20	6.37	.52	2.47
2	21	78	11	1.45	-5.30	7.10	3.31	-.13	1.93
2	22	78	11	2.59	-6.90	13.50	5.92	.12	1.74
2	23	78	11	1.29	-8.10	11.70	5.10	.05	1.88
2	24	78	11	.77	-10.50	10.90	5.55	-.32	2.16
2	25	78	11	1.66	-8.40	10.90	6.03	-.01	1.37
2	26	78	11	-.56	-10.80	9.10	4.89	-.05	2.10
2	27	78	11	-.23	-6.20	7.00	4.07	.06	1.97
2	28	78	11	-.89	-8.60	6.50	3.98	.11	1.84
3	1	78	11	-2.30	-9.20	8.00	4.36	.33	1.90
3	2	78	11	-1.63	-6.80	5.10	3.03	.30	2.13
3	3	78	11	-1.76	-8.10	10.60	4.81	.78	2.67
3	4	78	11	-1.11	-6.00	6.90	3.26	.59	2.34
3	5	78	11	1.69	-6.90	11.10	5.29	.05	1.63
3	6	78	11	2.63	-8.30	11.70	5.52	-.12	1.70
3	7	78	11	2.32	-10.30	9.40	4.63	-.97	3.33
3	8	78	11	.71	-9.80	17.00	6.45	.64	2.50
3	9	78	11	-.59	-10.30	13.10	6.74	.41	1.85
3	10	78	11	2.39	-7.60	13.60	5.21	-.24	2.12
3	11	78	11	1.73	-6.50	13.80	5.45	.42	2.24
3	12	78	11	1.00	-6.50	8.30	4.11	-.11	1.81
3	13	78	11	2.73	-4.30	13.50	4.45	.51	2.52
3	14	78	11	2.96	-6.80	11.60	5.57	-.26	1.71
3	15	78	11	.01	-7.90	10.20	5.12	.69	2.10
3	16	78	11	2.52	-9.70	12.40	5.13	-.37	2.59
3	17	78	11	2.18	-5.70	9.70	3.93	-.24	2.29
3	18	78	11	1.37	-3.80	8.40	3.13	.21	1.90
3	19	78	11	1.15	-4.80	11.00	3.76	.66	2.84
3	20	78	11	1.32	-3.30	7.80	2.59	-.14	2.41
3	21	78	11	1.30	-5.60	9.00	4.00	-.10	1.83
3	22	78	11	1.79	-3.90	5.80	3.57	.31	1.89

FIGURE H-80

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	23	78	11	1.20	-7.60	9.90	4.43	-.07	1.96
3	24	78	11	.76	-6.10	7.60	3.62	-.11	1.79
3	25	78	11	1.51	-6.90	7.20	3.34	-.16	2.56
3	26	78	11	1.86	-5.90	9.90	3.73	-.11	2.38
3	27	78	11	1.16	-8.00	9.80	4.58	-.03	1.90
3	28	78	11	.41	-9.80	13.10	5.69	.31	2.08
3	29	78	11	.21	-7.30	6.70	3.57	-.30	1.99
3	30	78	11	-1.01	-7.00	6.20	2.76	.17	2.79
3	31	78	11	-1.31	-11.90	9.60	5.07	-.13	2.25
4	1	78	11	.83	-5.00	9.50	3.21	.33	2.23
4	2	78	11	.40	-10.10	9.60	5.22	-.34	1.89
4	3	78	11	.92	-6.90	10.70	4.63	.36	2.18
4	4	78	11	1.40	-6.30	10.80	4.52	.30	2.25
4	5	78	11	1.54	-5.70	7.40	3.22	-.37	2.14
4	6	78	11	2.69	-7.70	11.80	4.65	-.22	2.34
4	7	78	11	1.07	-7.10	10.00	4.12	.21	2.63
4	8	78	11	.16	-6.70	6.60	3.75	.12	1.75
4	9	78	11	.21	-10.60	9.60	4.90	-.19	2.19
4	10	78	11	.44	-10.00	9.20	5.17	-.28	1.92
4	11	78	11	1.36	-8.70	10.30	4.48	.02	2.42
4	12	78	11	2.26	-3.90	7.00	2.48	-.33	2.67
4	13	78	11	1.29	-3.30	6.60	2.31	.16	2.42
4	14	78	11	1.97	-3.50	7.00	2.76	-.10	2.00
4	15	78	11	.50	-5.60	8.80	3.27	.23	2.42
4	16	78	11	.31	-4.60	6.30	2.65	.39	2.31
4	17	78	11	.89	-5.30	6.70	2.54	.08	2.55
4	18	78	11	-.22	-6.30	4.70	2.29	-.26	2.58
4	19	78	11	.77	-4.60	8.40	2.66	.67	3.69
4	20	78	11	-.73	-7.30	4.20	2.96	-.31	2.15
4	21	78	11	-.45	-7.40	6.00	3.87	-.13	1.61
4	22	78	11	-.24	-8.50	8.90	4.52	.12	2.21
4	23	78	11	.02	-7.60	9.10	4.34	.09	2.16
4	24	78	11	-2.07	-8.80	4.90	3.29	-.08	1.99
4	25	78	11	-2.56	-8.50	5.90	3.44	.63	2.47
4	26	78	11	-1.71	-9.10	9.10	3.93	.03	2.62
4	27	78	11	-1.22	-7.00	4.40	3.18	-.07	1.78
4	28	78	11	-4.00	-9.80	2.60	3.01	-.25	2.36
4	29	78	11	-1.80	-9.40	4.60	3.88	-.23	2.00
4	30	78	11	-2.35	-10.60	6.60	4.39	.21	1.82
5	1	78	11	-1.94	-9.50	5.70	3.93	.11	2.12
5	2	78	11	-1.55	-7.20	8.60	3.46	.92	3.73
5	3	78	11	-2.96	-11.70	4.00	4.19	-.24	2.02
5	4	78	11	-2.29	-10.00	9.00	4.38	.44	2.73
5	5	78	11	-1.41	-9.80	7.90	5.04	.12	1.69
5	6	78	11	-3.37	-9.90	6.20	3.95	.48	2.60
5	7	78	11	-1.37	-11.00	9.10	5.46	.03	1.74
5	8	78	11	-.94	-16.70	11.70	7.24	-.23	2.14
5	9	78	11	-.33	-10.00	12.00	5.90	.54	2.22
5	10	78	11	3.09	-6.80	7.90	3.25	-.84	3.34
5	11	78	11	.35	-6.40	7.70	3.55	.02	1.92

FIGURE H-81

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
5	12	78	11	-2.38	-8.70	6.50	4.38	.41	1.65
5	13	78	11	-5.77	-12.10	2.30	3.34	.31	2.56
5	14	78	11	-3.89	-11.00	4.20	3.39	.44	2.88
5	15	78	11	-4.75	-11.20	1.90	3.02	-.04	2.16
5	16	78	11	2.74	-4.10	14.40	3.63	.57	3.71
5	17	78	11	5.35	-1.20	16.00	4.26	.47	2.47
5	18	78	11	4.80	-3.60	11.80	4.12	-.29	2.12
5	19	78	11	7.57	-2.60	15.10	4.71	-.17	1.72
5	20	78	11	3.35	-6.40	14.00	5.70	-.31	1.98
5	21	78	11	1.62	-12.20	12.90	6.23	-.40	2.30
5	22	78	11	5.49	-7.90	21.00	7.33	-.01	2.12
5	23	78	11	6.83	-.40	15.90	4.21	.25	2.31
5	24	78	11	9.01	-1.20	17.30	5.00	.05	1.91
5	25	78	11	6.65	-8.20	22.80	7.56	-.20	2.07
5	26	78	11	4.29	-2.40	14.20	3.37	.64	3.10
5	27	78	11	3.77	-7.10	11.50	3.30	-.76	3.47
5	28	78	11	3.41	-7.90	11.50	5.26	-.52	2.21
5	29	78	11	-.25	-8.00	7.10	3.20	-.41	2.93
5	30	78	11	-2.46	-12.00	4.90	4.44	-.25	1.89
5	31	78	11	-4.44	-10.70	2.80	3.90	.38	1.83
6	1	78	11	-2.61	-8.00	3.40	2.92	.13	1.76
6	2	78	11	-.02	-8.10	10.10	5.85	.11	1.72
6	3	78	11	.63	-11.80	15.60	8.11	.08	1.60
6	4	78	11	-.95	-12.70	12.20	6.73	.21	1.63
6	5	78	11	.38	-8.60	10.10	5.64	.00	1.57
6	6	78	11	1.32	-10.00	15.60	7.15	.19	1.83
6	7	78	11	.76	-11.80	13.20	6.92	.13	1.84
6	8	78	11	-1.15	-8.70	10.10	5.77	.39	1.98
6	9	78	11	-1.34	-11.00	9.30	5.48	-.01	1.79
6	10	78	11	-1.47	-10.50	7.70	4.53	.21	2.36
6	11	78	11	.12	-8.00	11.80	5.21	.36	2.35
6	12	78	11	-.78	-5.50	6.10	2.97	.54	2.44
6	13	78	11	-1.52	-7.60	5.10	3.42	.20	1.75
6	14	78	11	1.22	-6.40	8.30	4.28	.01	1.68
6	15	78	11	.32	-7.80	9.30	4.35	-.04	2.06
6	16	78	11	.39	-8.80	12.80	6.63	.46	1.78
6	17	78	11	2.01	-7.20	10.60	4.96	-.16	1.79
6	18	78	11	1.35	-6.20	7.80	3.85	-.45	2.27
6	19	78	11	-.30	-8.80	11.10	5.14	.21	1.80
6	20	78	11	-1.46	-11.40	8.60	5.22	.18	1.86
6	21	78	11	-1.14	-11.50	11.00	6.09	.04	1.75
6	22	78	11	-1.33	-9.10	7.90	4.20	.27	2.39
6	23	78	11	-1.40	-8.60	7.00	3.74	.28	2.63
6	24	78	11	-2.77	-12.00	7.40	4.55	.14	2.21
6	25	78	11	-6.78	-12.70	-2.00	2.38	-.16	2.24
6	26	78	11	-2.35	-11.50	3.90	3.35	-.30	2.68
6	27	78	11	3.58	-7.60	9.70	4.69	-.69	2.31
6	28	78	11	-.42	-5.10	6.50	3.30	.60	2.14
6	29	78	11	-1.62	-6.00	5.90	2.18	.90	3.98
6	30	78	11	.40	-4.30	5.80	2.53	.24	2.09

FIGURE H-82

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2311

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
7	1	78	11	-.32	-5.70	4.30	2.55	-.10	1.91
7	2	78	11	-2.49	-8.70	3.50	3.60	-.19	1.74
7	3	78	11	-2.78	-11.00	5.60	4.71	.10	1.74
7	4	78	11	.72	-5.10	8.70	3.54	.23	1.91
7	5	78	11	2.28	-6.10	9.50	4.91	-.39	1.59
7	6	78	11	2.92	-7.40	13.50	5.03	.11	1.80
7	7	78	11	3.92	-8.50	14.90	6.67	-.25	1.74
7	8	78	11	4.59	-5.30	17.10	5.34	.37	2.37
7	9	78	11	4.56	-5.20	16.30	4.55	.21	2.55
7	10	78	11	3.26	-5.60	11.10	3.52	.02	2.64
7	11	78	11	-.73	-5.90	5.20	2.93	-.03	1.80
7	12	78	11	-.78	-6.80	9.20	3.75	.09	2.62
7	13	78	11	.19	-7.30	8.00	3.55	.45	2.58
7	14	78	11	.41	-6.70	8.70	4.45	.49	1.87
7	15	78	11	1.42	-4.60	9.70	3.27	.25	2.57
7	16	78	11	-1.21	-9.50	9.10	4.95	.42	2.34
7	17	78	11	-1.80	-14.00	6.90	4.80	-.49	2.66
7	18	78	11	-.41	-11.10	13.30	5.64	.39	2.91
7	19	78	11	-2.03	-10.80	9.50	5.24	.12	1.83
7	20	78	11	.06	-6.90	10.00	5.36	.39	1.70
7	21	78	11	.35	-5.80	13.60	5.21	.47	2.27
7	22	78	11	-.55	-17.60	11.10	7.33	-.55	2.30
7	23	78	11	-.46	-17.10	16.30	7.16	-.20	1.88
7	24	78	11	-.76	-14.50	9.10	5.91	-.43	2.24
7	25	78	11	-1.13	-10.90	13.70	5.57	.76	2.68
7	26	78	11	-.30	-9.90	9.30	5.26	.24	1.74
7	27	78	11	2.46	-6.20	11.70	5.33	.15	1.65
7	28	78	11	1.20	-5.40	9.00	3.09	-.02	2.73
7	29	78	11	.79	-4.30	8.40	2.61	.75	3.36
7	30	78	11	-.13	-6.60	6.90	3.03	.14	2.58
7	31	78	11	-.27	-6.10	6.80	2.90	.29	2.38
8	1	78	11	.17	-5.60	8.20	3.07	.44	2.77
8	2	78	11	.43	-6.20	9.40	4.00	.53	2.16
8	3	78	11	2.76	-4.50	10.10	3.29	-.23	2.27
8	4	78	11	3.11	-3.90	11.40	4.22	.22	1.89
8	5	78	11	3.43	-3.70	13.30	4.40	.33	2.25
8	6	78	11	3.08	-7.50	11.10	5.01	-.25	2.15
8	7	78	11	1.76	-9.00	13.50	6.25	.13	1.70
8	8	78	11	1.14	-8.30	9.60	4.79	.08	1.79
8	9	78	11	1.32	-9.90	12.80	5.88	.05	1.88
8	10	78	11	.57	-8.20	12.30	4.28	.43	3.33
8	11	78	11	-.41	-10.20	7.10	5.09	-.20	1.77
8	12	78	11	-.21	-7.70	7.60	3.98	.41	2.47
8	13	78	11	-.39	-10.20	5.20	3.64	-.56	2.33
8	14	78	11	.37	-4.20	6.30	3.01	.24	1.77
8	15	78	11	-1.14	-7.50	7.50	3.57	.21	2.27
8	16	78	11	-.46	-9.70	10.30	4.71	.42	2.51
8	17	78	11	-1.11	-10.00	8.10	4.70	.20	2.01
8	18	78	11	-1.16	-9.90	8.70	5.75	.10	1.64
8	19	78	11	.24	-12.30	13.00	7.39	.05	1.56

FIGURE H-83

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
8	20	78	11	1.78	-12.40	17.50	7.46	-.00	1.96
8	21	78	11	3.27	-10.80	17.50	7.95	-.13	1.66
8	22	78	11	2.76	-9.80	11.80	6.23	-.48	1.93
8	23	78	11	2.11	-8.50	11.90	5.84	-.33	1.77
8	24	78	11	1.99	-5.70	8.60	3.56	-.30	2.42
8	25	78	11	1.33	-5.40	6.60	3.08	-.22	2.16
8	26	78	11	1.14	-4.00	6.70	2.39	.22	2.31
8	27	78	11	1.08	-3.80	6.30	2.15	.34	2.86
8	28	78	11	2.45	-2.50	7.50	2.81	-.17	1.91
8	29	78	11	1.47	-4.70	8.20	3.36	.04	1.84
8	30	78	11	.68	-5.40	6.80	3.57	-.04	1.78
8	31	78	11	-.34	-6.60	6.80	3.81	.15	1.75
9	1	78	11	.12	-6.70	6.00	3.79	.23	2.06
9	2	78	11	.32	-8.20	8.00	4.87	-.05	1.61
9	3	78	11	.16	-9.50	15.10	6.72	.40	2.07
9	4	78	11	.22	-9.30	11.80	4.71	.24	2.20
9	5	78	11	-.59	-10.10	6.70	4.38	-.36	2.13
9	6	78	11	-1.46	-9.20	8.00	4.23	.26	2.23
9	7	78	11	-2.35	-13.10	4.00	3.88	-.73	3.16
9	8	78	11	-2.58	-14.40	10.40	5.81	.26	2.37
9	9	78	11	-.86	-12.80	12.40	4.93	.08	3.28
9	10	78	11	-.67	-7.10	5.90	2.65	-.20	2.84
9	11	78	11	-1.28	-8.80	7.50	3.84	.13	1.99
9	12	78	11	.51	-5.10	9.00	3.16	.23	2.56
9	13	78	11	-.14	-7.70	7.80	4.61	.15	1.74
9	14	78	11	.02	-10.50	8.50	5.56	-.01	1.72
9	15	78	11	1.30	-5.70	9.00	4.49	.07	1.59
9	16	78	11	1.52	-6.30	9.30	4.84	-.17	1.57
9	17	78	11	1.25	-8.80	15.50	6.07	.39	2.35
9	18	78	11	1.03	-10.60	14.10	5.96	.17	2.36
9	19	78	11	.31	-5.80	11.00	4.06	.69	2.46
9	20	78	11	-.74	-11.30	6.70	4.48	-.64	2.71
9	21	78	11	-1.19	-10.50	7.00	4.82	-.38	1.90
9	22	78	11	.27	-9.70	9.70	4.30	-.24	2.65
9	23	78	11	.19	-7.00	10.00	3.47	.72	3.46
9	24	78	11	.34	-6.50	6.20	2.83	-.57	3.01
9	25	78	11	.05	-5.00	6.20	2.50	.68	2.71
9	26	78	11	.12	-8.40	8.70	3.97	-.05	2.42
9	27	78	11	1.53	-6.50	9.70	4.39	.10	1.67
9	28	78	11	.03	-9.90	6.80	4.85	-.47	1.92
9	29	78	11	.12	-8.60	6.60	3.88	-.42	2.28
9	30	78	11	-1.57	-9.40	6.30	3.83	.15	2.17
10	1	78	11	-1.04	-7.10	4.90	3.45	-.15	1.74
10	2	78	11	.50	-5.20	6.40	3.04	-.00	1.81
10	3	78	11	.82	-9.30	9.30	4.32	-.15	2.25
10	4	78	11	.28	-8.00	8.80	5.06	.11	1.62
10	5	78	11	.13	-9.50	8.00	4.74	-.21	2.01
10	6	78	11	1.18	-11.00	16.90	6.62	.08	2.55
10	7	78	11	1.80	-6.90	11.70	4.57	.09	2.06

FIGURE H-84

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2911

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	8	78	11	1.43	-7.80	10.30	4.63	.07	2.28
10	9	78	11	.68	-7.60	9.20	4.62	.07	1.98
10	10	78	11	2.26	-7.30	10.20	3.81	-.24	3.13
10	11	78	11	2.13	-7.90	10.10	4.70	-.27	2.18
10	12	78	11	2.06	-5.90	11.50	4.16	.59	2.57
10	13	78	11	1.62	-5.60	13.60	5.45	.53	1.96
10	14	78	11	1.64	-7.50	10.30	4.50	.04	1.97
10	15	78	11	2.75	-7.90	15.10	5.17	-.07	2.79
10	16	78	11	2.47	-6.00	10.20	4.48	.17	1.72
10	17	78	11	1.47	-6.50	7.00	3.30	-.30	2.34
10	18	78	11	.52	-6.80	8.30	3.56	-.09	2.06
10	19	78	11	.41	-8.30	10.60	4.66	-.04	2.40
10	20	78	11	.74	-6.50	9.30	4.84	.27	1.59
10	21	78	11	.83	-11.00	8.60	4.90	-.40	2.40
10	22	78	11	1.47	-6.70	10.80	4.52	-.06	1.37
10	23	78	11	1.75	-8.50	11.40	5.80	-.23	1.86
10	23	78	2241	-1.48	-72.50	37.00	10.22	-3.34	28.59

FIGURE H-85

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41
METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	11	.46	-13.50	10.00	3.87	-.48	3.29
12	1	77	11	-.54	-19.80	15.60	5.25	.02	2.73
1	1	78	11	-.44	-12.30	13.20	4.94	.26	2.40
2	1	78	11	-.26	-13.60	14.10	5.01	.04	2.46
3	1	78	11	.50	-13.00	17.20	5.08	.07	2.39
4	1	78	11	1.01	-11.90	17.00	4.68	.15	2.49
5	1	78	11	-.03	-10.60	11.80	4.07	-.00	2.62
6	1	78	11	.89	-16.70	22.80	6.19	.27	2.62
7	1	78	11	-.48	-12.70	15.60	5.25	.27	2.47
8	1	78	11	.42	-17.60	17.10	5.25	.04	3.08
9	1	78	11	1.05	-12.40	17.50	4.92	.10	2.67
10	1	78	11	-.18	-14.40	15.50	4.60	.08	2.91
10	23	78	2241	1.20	-72.50	37.00	5.08	-1.30	24.22

FIGURE H-86

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM, CA (714) 772-2811 SUMMARY STATS FOR U

START TIME: 10/24/77 05:41 - END TIME: 10/23/78 22:41

METER TYPE - VACM METER # - 0365 SAMP INTV - 15 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
10	23	79	2241	.28	-19.80	22.80	5.02	.14	2.75

FIGURE H-87

INTERSTATE ELECTRONICS CORP.
OCEANIC SYSTEMS ENGINEERING DEV
ANAHEIM, CA (714) 772-2811

SUMMARY STATS FOR COND

START TIME: 10/25/77 05:55 END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2922 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	DIG	SKW	KUR
10	26	77	0	32.46	32.37	32.60	.06	-.15	2.19
10	27	77	0	32.48	32.37	32.67	.06	.50	3.11
10	28	77	0	32.47	32.37	32.60	.06	.13	2.60
10	29	77	0	32.50	32.37	32.60	.06	-.11	2.41
10	30	77	0	32.49	32.37	32.67	.08	.24	3.05
10	31	77	0	32.47	32.29	32.60	.08	.06	2.34
11	1	77	0	32.46	32.29	32.60	.09	.05	1.87
11	2	77	0	32.42	32.29	32.60	.08	-.06	2.69
11	3	77	0	32.46	32.29	32.60	.09	-.27	2.00
11	4	77	0	32.46	32.29	32.60	.07	-.34	3.49
11	5	77	0	32.47	32.22	32.67	.08	-.17	3.88
11	6	77	0	32.49	32.29	32.67	.07	.20	3.61
11	7	77	0	32.48	32.37	32.52	.06	-.61	2.32
11	8	77	0	32.42	32.29	32.52	.07	.01	2.05
11	9	77	0	32.43	32.29	32.60	.04	.03	1.98
11	10	77	0	32.47	32.29	32.67	.09	.17	2.11
11	11	77	0	32.51	32.37	32.67	.04	.12	2.61
11	12	77	0	32.49	32.29	32.60	.07	-.37	2.71
11	13	77	0	32.48	32.37	32.67	.08	.86	3.25
11	14	77	0	32.51	32.37	32.67	.09	.37	2.17
11	15	77	0	32.51	32.37	32.75	.09	.36	2.36
11	16	77	0	32.46	32.29	32.67	.11	.46	2.08
11	17	77	0	32.44	32.29	32.60	.08	.22	2.67
11	18	77	0	32.45	32.37	32.52	.06	-.14	1.88
11	19	77	0	32.49	32.29	32.67	.10	.04	2.26
11	20	77	0	32.49	32.37	32.67	.07	.07	3.15
11	21	77	0	32.49	32.37	32.60	.08	-.15	1.89
11	22	77	0	32.47	32.37	32.67	.08	.07	3.00
11	23	77	0	32.50	32.29	32.67	.09	-.21	2.31
11	24	77	0	32.49	32.29	32.67	.09	-.29	2.49
11	25	77	0	32.44	32.37	32.60	.06	.43	2.78
11	26	77	0	32.44	32.29	32.60	.06	.19	2.32
11	27	77	0	32.45	32.29	32.60	.09	-.29	2.26
11	28	77	0	32.44	32.29	32.60	.08	.39	2.15
11	29	77	0	32.43	32.29	32.60	.08	-.21	2.72
11	30	77	0	32.40	32.29	32.60	.07	.78	2.98
12	1	77	0	32.42	32.22	32.52	.08	-.43	2.37
12	2	77	0	32.44	31.99	32.60	.09	-1.60	9.34
12	3	77	0	32.44	32.37	32.52	.06	.04	1.46
12	4	77	0	32.47	32.37	32.60	.06	.35	2.53
12	5	77	0	32.48	32.37	32.67	.08	1.08	3.68
12	6	77	0	32.43	32.22	32.60	.09	-.45	2.69
12	7	77	0	32.43	31.84	32.60	.10	-2.96	20.00
12	8	77	0	32.46	32.37	32.60	.06	-.20	2.25
12	9	77	0	32.44	32.29	32.52	.07	-.45	2.16
12	10	77	0	32.43	32.22	32.60	.08	-.19	3.46
12	11	77	0	32.44	32.29	32.67	.09	.41	2.87
12	12	77	0	32.46	32.29	32.67	.09	.30	2.64
12	13	77	0	32.42	32.22	32.60	.08	.15	3.37

FIGURE H-88

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311

SUMMARY STATS FOR COND

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2923 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
12	14	77	0	32.43	32.22	32.75	.12	.49	2.65
12	15	77	0	32.42	32.22	32.60	.09	.13	2.69
12	16	77	0	32.38	32.22	32.52	.08	.31	1.97
12	17	77	0	32.37	32.22	32.52	.08	.25	2.14
12	18	77	0	32.35	32.14	32.52	.08	-.25	2.51
12	19	77	0	32.36	32.22	32.45	.07	-.47	2.54
12	20	77	0	32.36	32.29	32.52	.07	-.15	2.73
12	21	77	0	32.35	32.22	32.45	.08	-.48	2.07
12	22	77	0	32.40	32.22	32.60	.09	-.07	2.48
12	23	77	0	32.46	32.29	32.67	.09	.18	2.33
12	24	77	0	32.38	32.22	32.60	.09	.22	2.06
12	25	77	0	32.33	32.14	32.45	.08	-.03	2.26
12	26	77	0	32.36	32.22	32.52	.08	.82	2.77
12	27	77	0	32.43	32.29	32.67	.10	.49	2.78
12	28	77	0	32.47	32.29	32.67	.08	-.39	2.55
12	29	77	0	32.51	32.37	32.67	.07	.62	2.35
12	30	77	0	32.51	32.29	32.67	.07	-.31	3.42
12	31	77	0	32.52	32.37	32.60	.06	-.24	2.21
1	1	78	0	32.54	32.37	32.67	.08	.36	2.60
1	2	78	0	32.52	32.37	32.60	.06	-.62	2.84
1	3	78	0	32.46	32.37	32.60	.06	-.08	1.89
1	4	78	0	32.44	32.29	32.52	.06	-.57	3.42
1	5	78	0	32.43	32.29	32.52	.08	-.41	2.02
1	6	78	0	32.43	32.22	32.60	.08	-.36	2.94
1	7	78	0	32.40	32.29	32.52	.07	.03	2.07
1	8	78	0	32.38	32.22	32.52	.08	-.24	2.49
1	9	78	0	32.38	32.22	32.60	.10	.28	2.96
1	10	78	0	32.43	31.68	32.75	.14	-1.41	10.73
1	11	78	0	32.43	32.22	32.75	.10	.37	3.32
1	12	78	0	32.44	32.29	32.60	.07	-.10	2.15
1	13	78	0	32.43	32.29	32.60	.06	.67	3.12
1	14	78	0	32.47	32.29	32.67	.08	.30	2.96
1	15	78	0	32.47	32.37	32.60	.07	.05	2.21
1	16	78	0	32.47	32.37	32.60	.06	-.15	2.25
1	17	78	0	32.45	32.29	32.60	.08	.04	2.47
1	18	78	0	32.44	32.29	32.60	.07	-.61	3.30
1	19	78	0	32.49	32.37	32.67	.07	-.06	2.69
1	20	78	0	32.47	32.29	32.60	.08	-.32	2.13
1	21	78	0	32.46	32.29	32.67	.10	.45	2.51
1	22	78	0	32.47	32.29	32.60	.07	.34	3.03
1	23	78	0	32.48	32.29	32.67	.08	.03	2.46
1	24	78	0	32.47	32.29	32.67	.08	.36	3.60
1	25	78	0	32.50	32.29	32.67	.09	-.14	1.92
1	26	78	0	32.50	32.37	32.67	.09	.30	2.22
1	27	78	0	32.47	32.29	32.60	.07	-.02	1.72
1	28	78	0	32.46	32.29	32.67	.10	.50	2.41
1	29	78	0	32.45	32.29	32.60	.08	-.07	2.39
1	30	78	0	32.45	32.29	32.60	.08	-.18	2.71
1	31	78	0	32.47	32.29	32.60	.08	-.19	2.39
2	1	78	0	32.47	32.37	32.60	.08	-.07	1.57

FIGURE H-89

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2311

SUMMARY STATS FOR COND

START TIME: 10/25/77 03:55 END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2923 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	DIG	SKW	KUR
2	2	78	0	32.48	32.37	32.60	.07	-.19	2.06
2	3	78	0	32.49	32.37	32.67	.08	.15	2.44
2	4	78	0	32.49	32.29	32.60	.08	-.31	2.67
2	5	78	0	32.51	32.37	32.60	.07	-.41	2.14
2	6	78	0	32.51	32.37	32.67	.08	.08	2.20
2	7	78	0	32.50	32.29	32.75	.10	-.36	2.50
2	8	78	0	32.47	32.29	32.67	.10	.26	2.09
2	9	78	0	32.43	32.22	32.67	.11	.19	2.17
2	10	78	0	32.44	32.29	32.67	.10	.42	2.53
2	11	78	0	32.42	32.29	32.60	.09	.36	2.12
2	12	78	0	32.38	32.22	32.60	.11	.42	1.82
2	13	78	0	32.33	32.22	32.52	.08	.34	1.97
2	14	78	0	32.42	32.22	32.75	.10	.51	3.36
2	15	78	0	32.47	32.29	32.60	.07	.05	2.82
2	16	78	0	32.42	32.29	32.67	.08	-.36	1.99
2	17	78	0	32.42	32.22	32.60	.10	.43	2.11
2	18	78	0	32.42	32.29	32.52	.06	.25	2.27
2	19	78	0	32.42	32.22	32.60	.07	-.41	3.18
2	20	78	0	32.42	32.22	32.52	.08	-.40	2.44
2	21	78	0	32.43	32.22	32.67	.09	.15	2.80
2	22	78	0	31.99	-.04	32.67	5.85	-4.13	57.98
2	23	78	0	32.42	32.22	32.67	.11	.52	2.60
2	24	78	0	32.45	32.29	32.75	.11	.34	3.31
2	25	78	0	32.46	32.29	32.67	.09	.36	2.19
2	26	78	0	32.47	32.29	32.67	.08	.19	2.18
2	27	78	0	32.47	32.29	32.67	.10	.09	2.09
2	28	78	0	32.45	32.29	32.67	.08	.10	2.75
3	1	78	0	32.48	32.37	32.60	.07	-.38	2.10
3	2	78	0	32.48	32.29	32.60	.08	-.07	2.11
3	3	78	0	32.51	32.37	32.67	.07	.16	3.18
3	4	78	0	32.51	32.29	32.75	.10	.24	2.98
3	5	78	0	32.44	32.29	32.75	.10	.73	3.61
3	6	78	0	32.45	32.14	32.67	.11	.02	2.61
3	7	78	0	32.38	32.22	32.52	.09	.01	2.04
3	8	78	0	32.32	32.14	32.52	.10	.49	2.90
3	9	78	0	32.37	32.14	32.60	.14	-.04	1.74
3	10	78	0	32.33	32.22	32.52	.10	-.25	2.05
3	11	78	0	32.34	32.14	32.52	.10	-.00	2.24
3	12	78	0	32.35	32.14	32.45	.09	.29	1.73
3	13	78	0	32.31	32.22	32.45	.06	-.02	2.42
3	14	78	0	32.33	32.14	32.45	.07	-.70	3.05
3	15	78	0	31.42	-.08	32.45	5.36	-5.63	33.08
3	15	78	120	32.20	32.14	32.29	.07	.32	.91

FIGURE H-90

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR COND

START TIME: 10/25/77 00:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2923 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
11	1	77	0	32.48	32.29	32.67	.07	.06	2.77
12	1	77	0	32.46	32.22	32.75	.09	.15	2.81
1	1	78	0	32.43	31.84	32.75	.10	-.08	3.50
2	1	78	0	32.46	31.69	32.75	.09	-.27	5.32
3	1	78	0	32.43	-.08	32.75	.75	-43.62	1939.75
3	15	78	120	32.32	-.08	32.75	1.45	-22.18	496.54

FIGURE H-91

INTERSTATE ELECTRONICS CORP.
OCEANIC ENGINEERING DEV
ANAHEIM,CA (714) 772-2811

SUMMARY STATS FOR COND

START TIME: 10/25/77 05:55 - END TIME: 3/15/78 01:20
METER TYPE - AANDERAA RCM-5 METER # - 2920 SAMP INTV - 20 MIN

MNTH	DAY	YR	TIME	MEAN	MIN	MAX	SIG	SKW	KUR
3	15	73	120	32.43	-.08	32.75	.57	-55.64	3189.01

FIGURE H-92

*U.S. GOVERNMENT PRINTING OFFICE: 1991--517-003/47018