



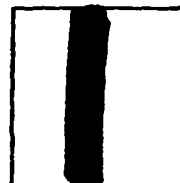
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LASER PROPAGATION RESEARCH  
VOLUME II  
GASEOUS AND PARTICULATE CHARACTERIZATION  
OF THE ATMOSPHERE

*Appendix A-1*

Wayne L. Flowers

Prepared for  
Atmospheric Sciences Laboratory  
White Sands Missile Range, New Mexico

Contract DAAD07-80-C-0056

November 1980

**OptiMetrics, Inc.**

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Ann Arbor, MI 48104

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APPENDIX A-1

PLOTS OF MEASURED ATMOSPHERIC GAS CONCENTRATIONS - ARKY SITE

Figures A-1.1 through A-1.12. Water Vapor Partial  
Pressure Measurements at ARKY Site During  
the Period 26 March - 21 August 1980.....26-37

Figures A-1.13 through A-1.21. Nitrous Oxide  
Plots - Concentration Measurements at Arky  
Site During the Period 26 March - 10 June 1980..... 38-46

Figures A-1.22 through A-1.32. Carbon Dioxide  
Measurements at ARKY Site for 25 March -  
21 August 1980..... 47-57

Figures A-1.33 through A-1.38. Ozone and Totaly  
Hydrocarbon Measurements at ARKY Site  
During the Period 4 June - 21 August 1980..... 58-63

Figures A-1.39 through A-1.56. Ozone Measurements  
at ARKY Site During the Period 25 March -  
20 August 1980..... 64-81

ARKY 26 MAR 1980

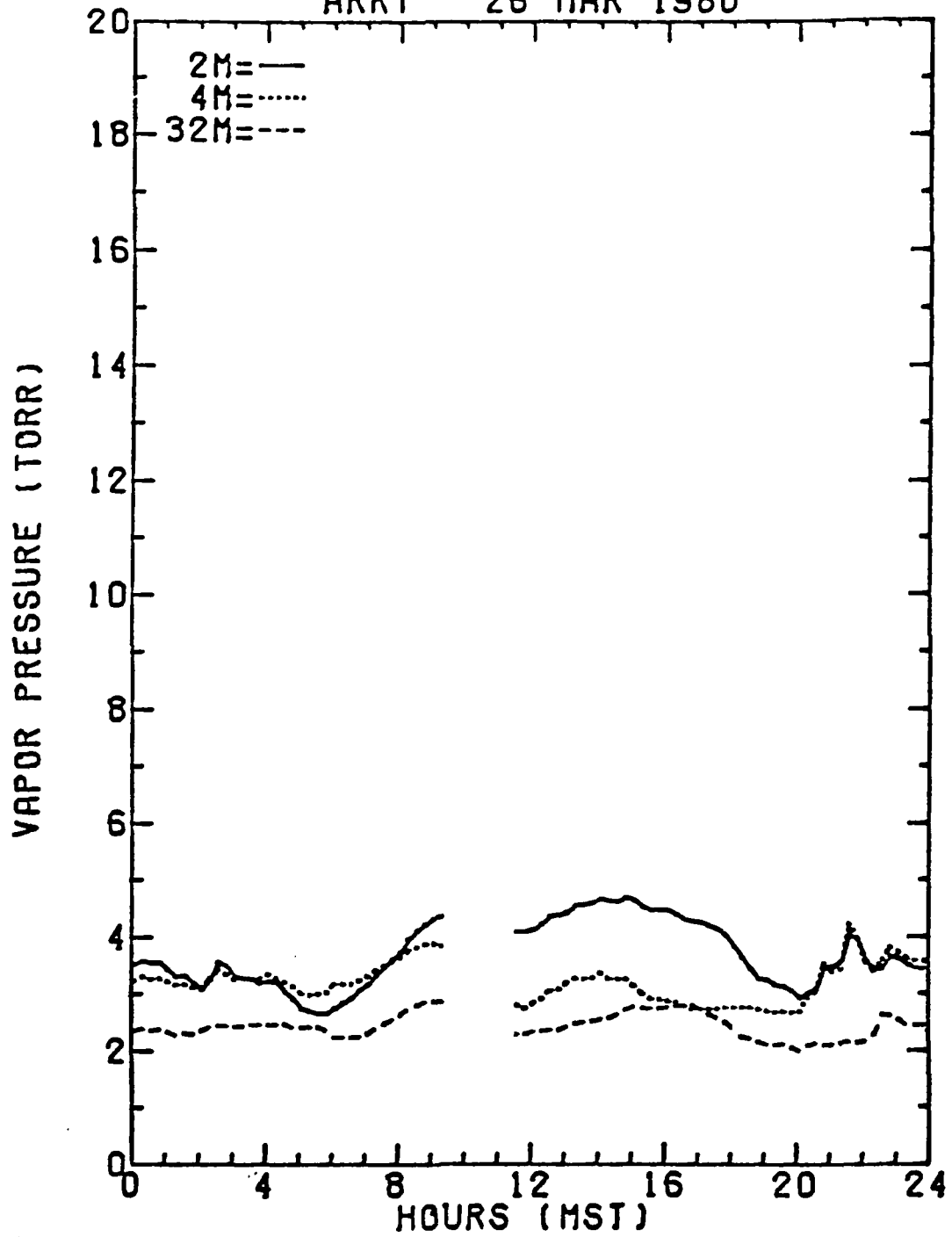


FIGURE A-1.1

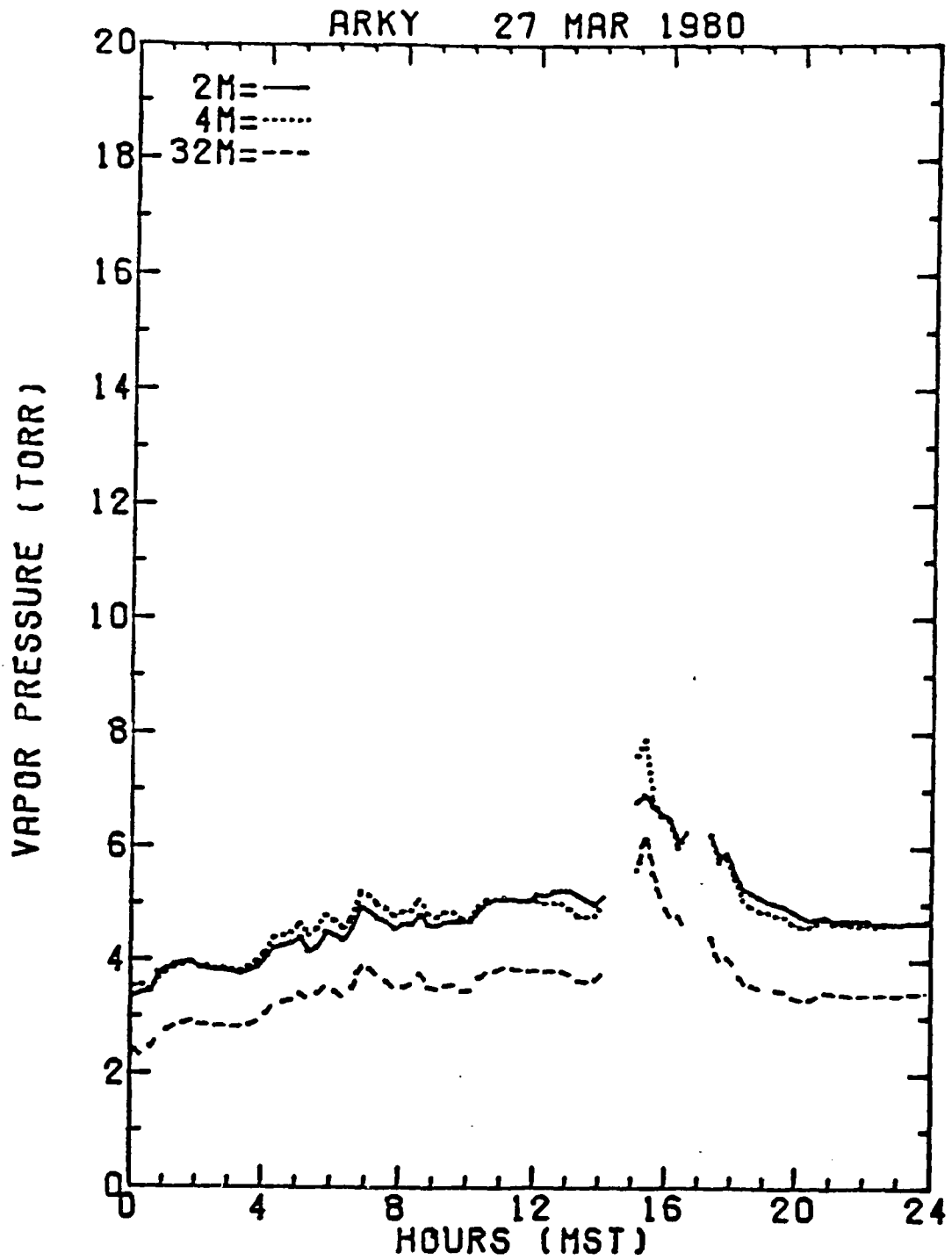


FIGURE A-1.2

ARKY 3 JUN 1980

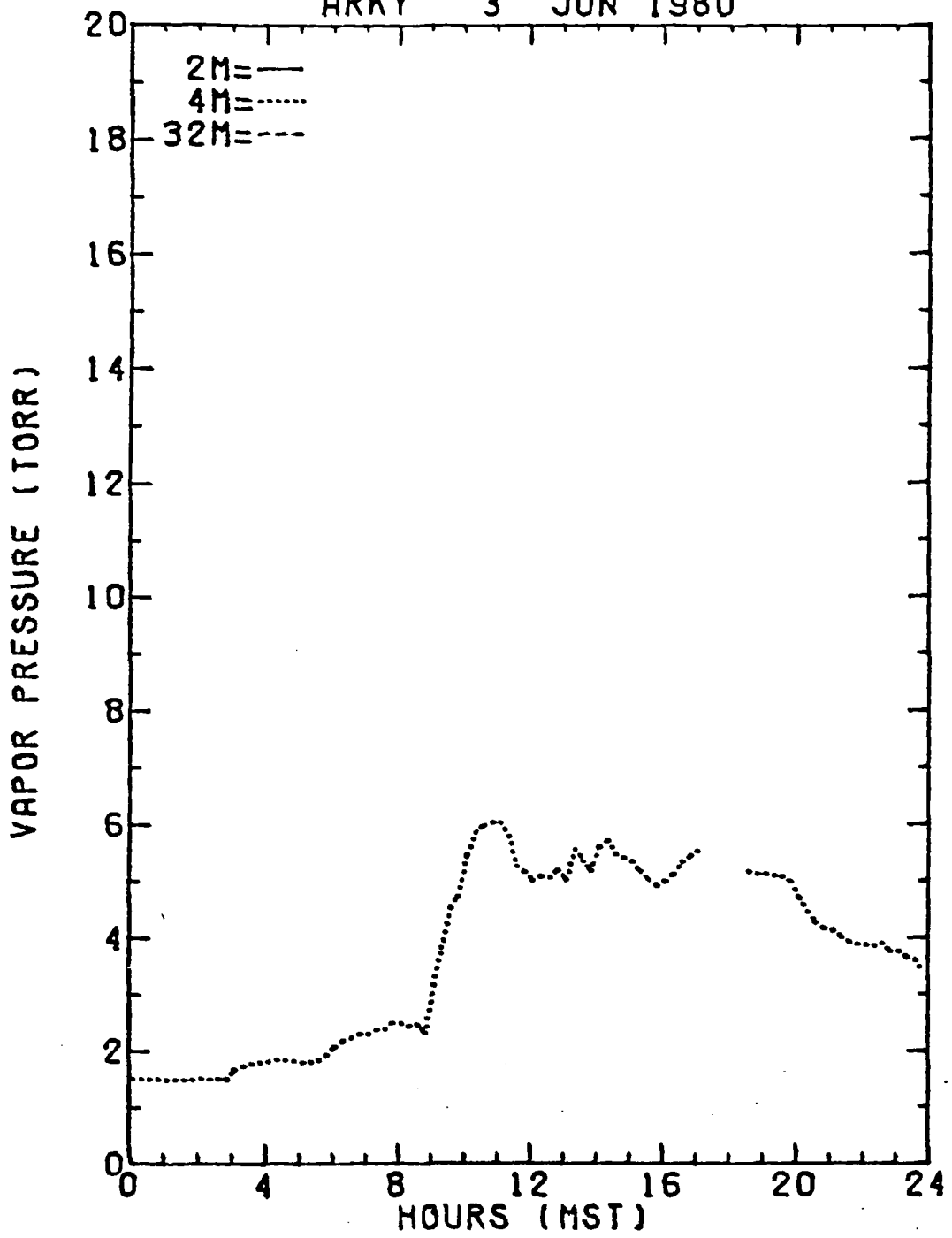


FIGURE A-1.3

ARKY 4 JUN 1980

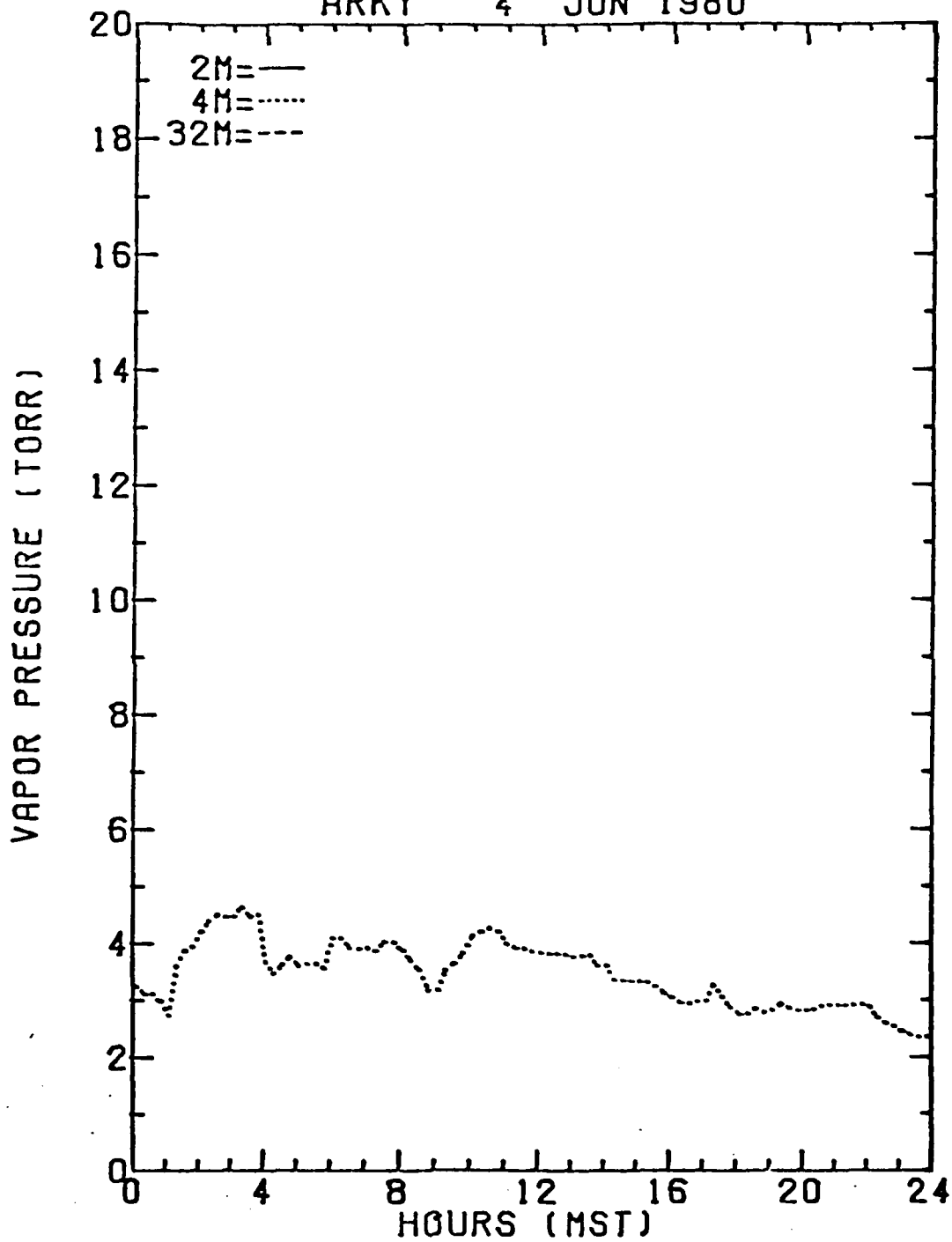


FIGURE A-1.4

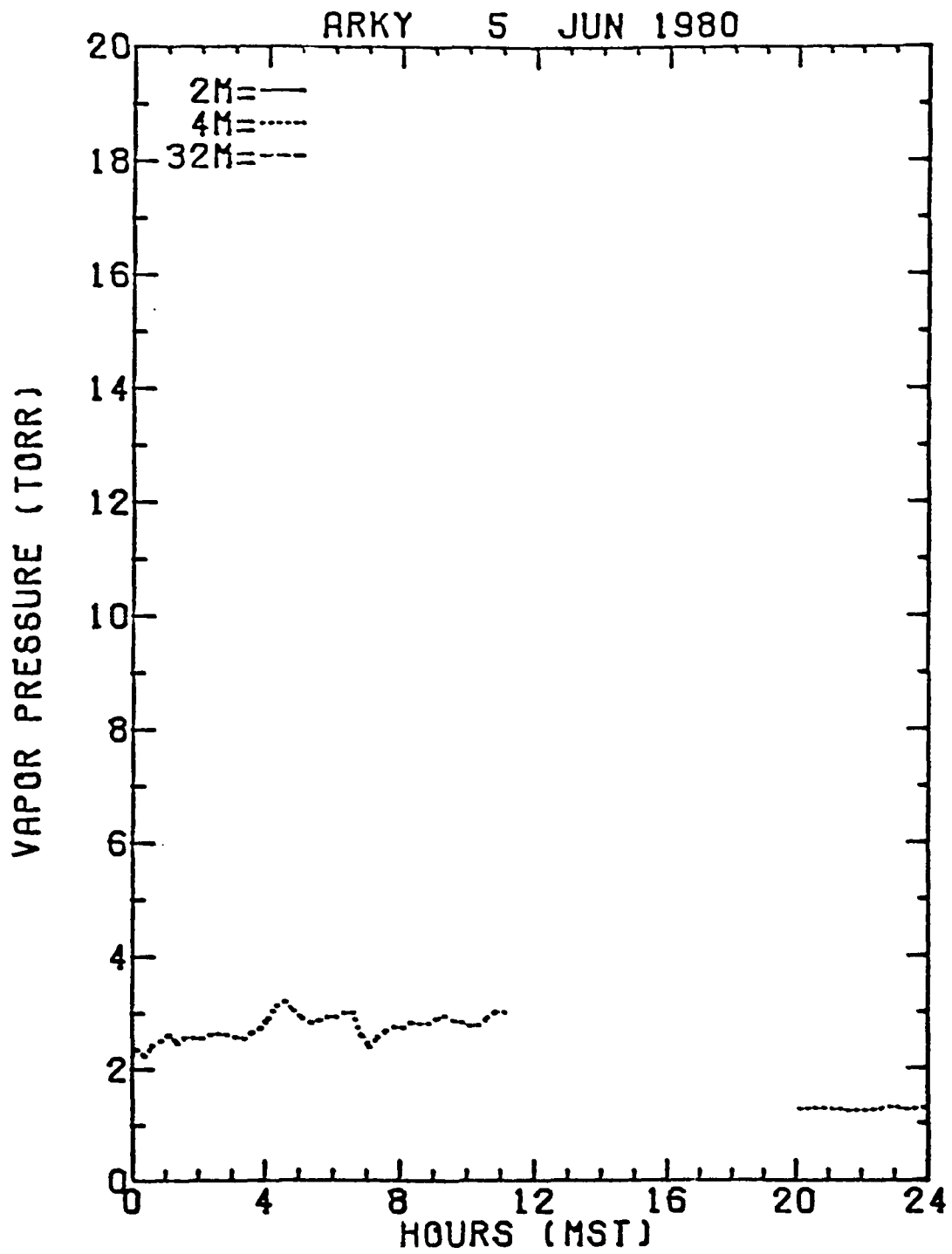


FIGURE A-1.5

ARKY 6 JUNE 1980 ( 4M )

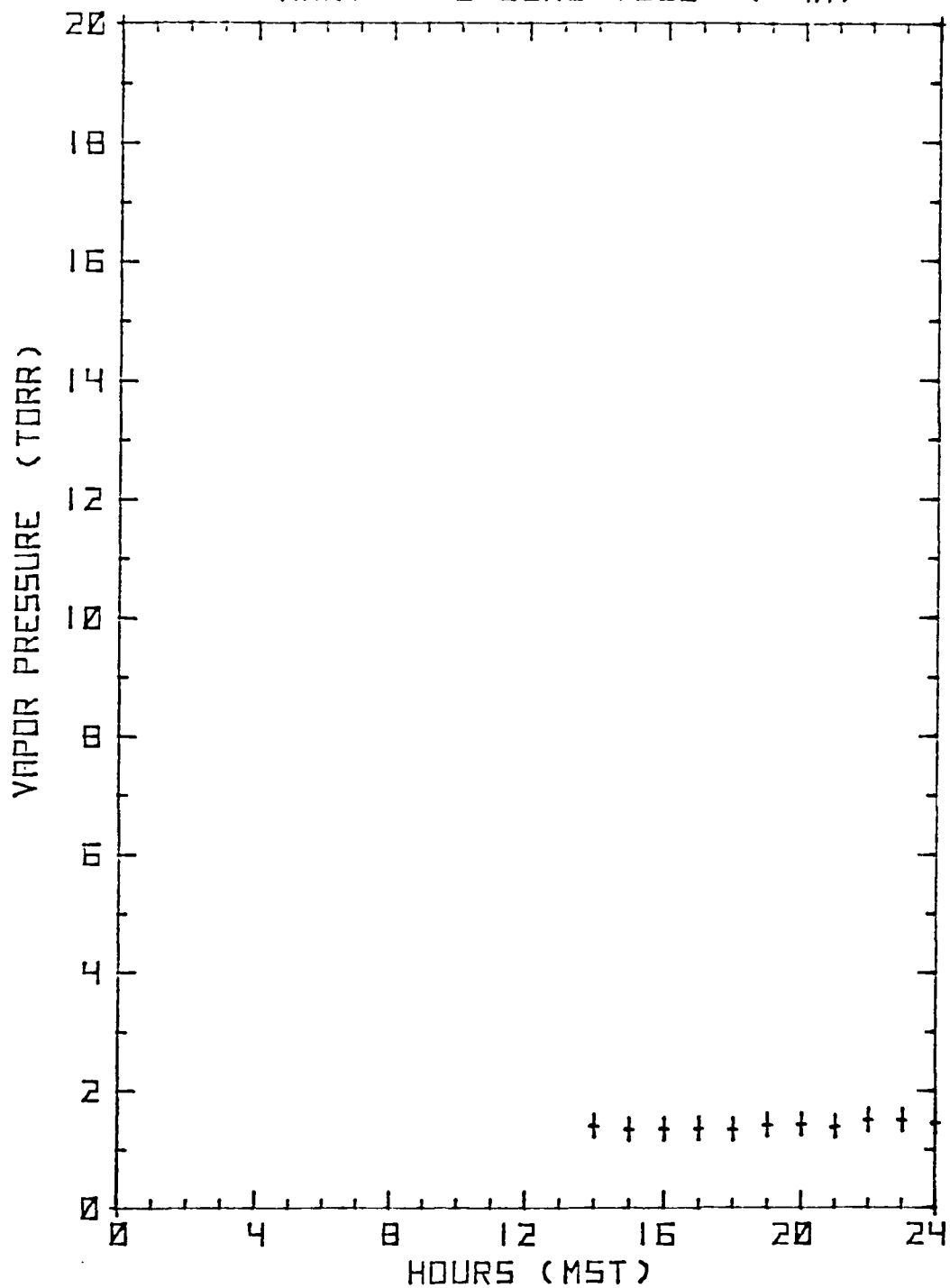


FIGURE A-1.6

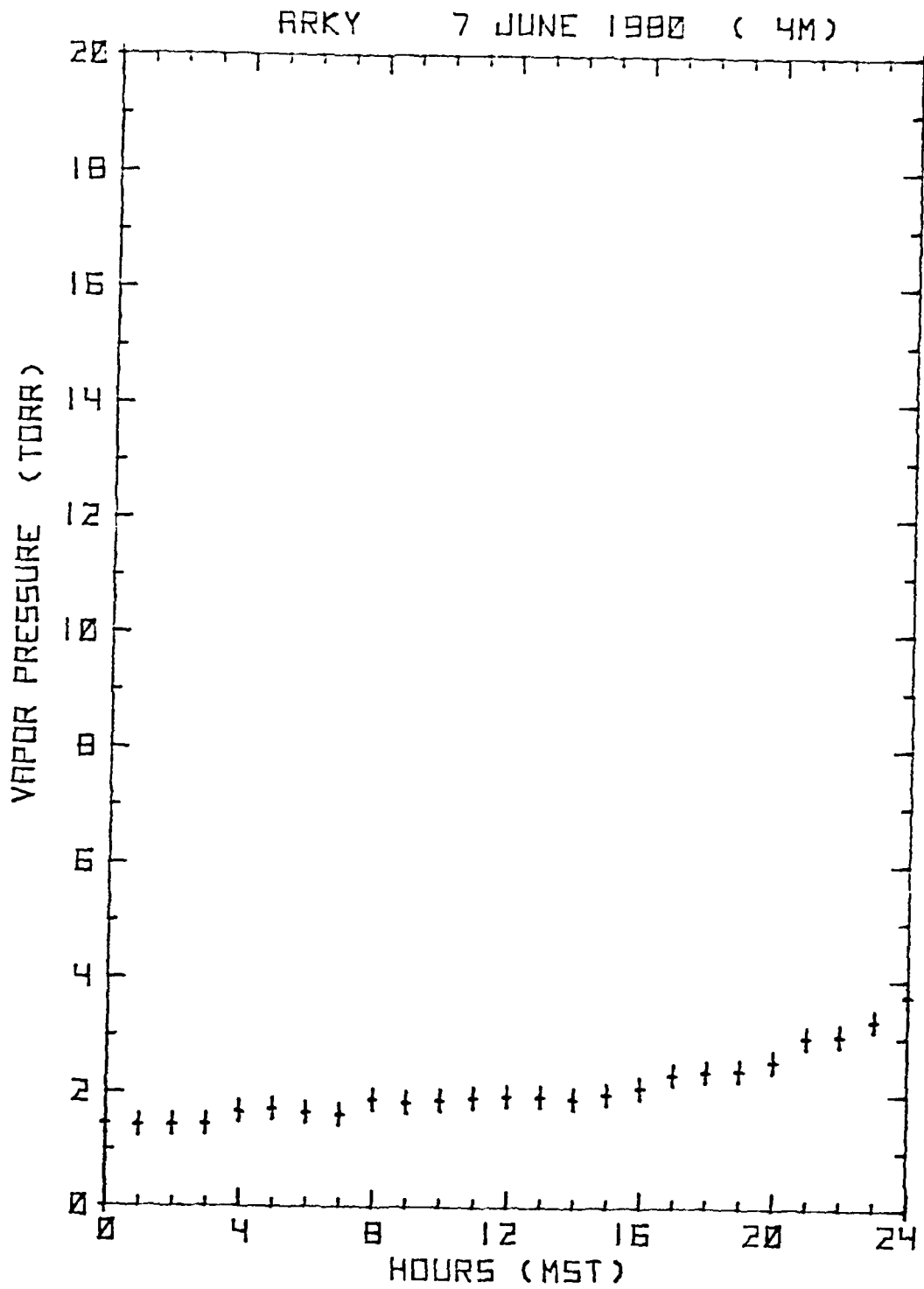


FIGURE A-1.7

ARKY 8 JUNE 1980 ( 4M )

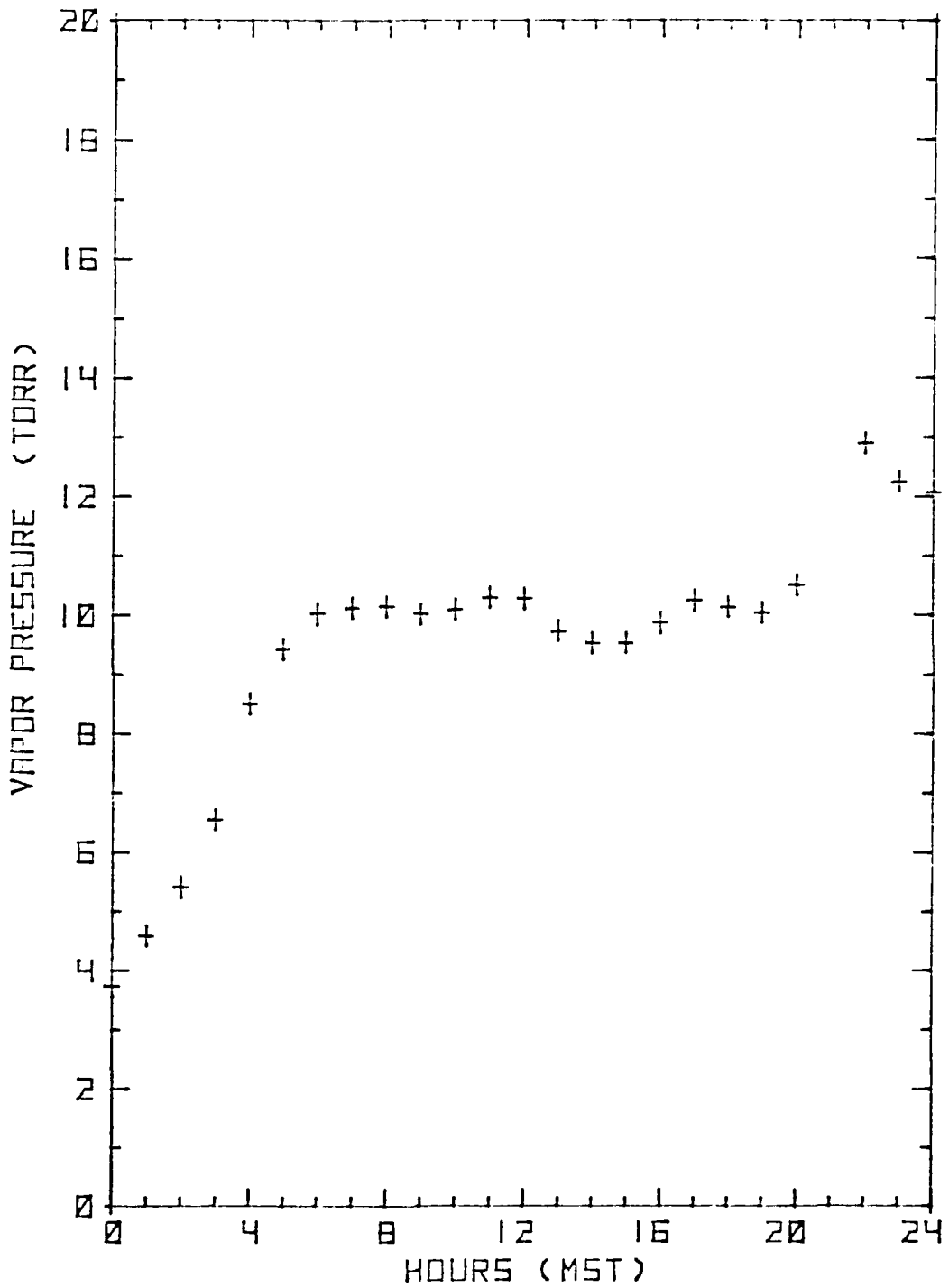


FIGURE A-1.8

ARKY 5 JUNE 1960 (4M)

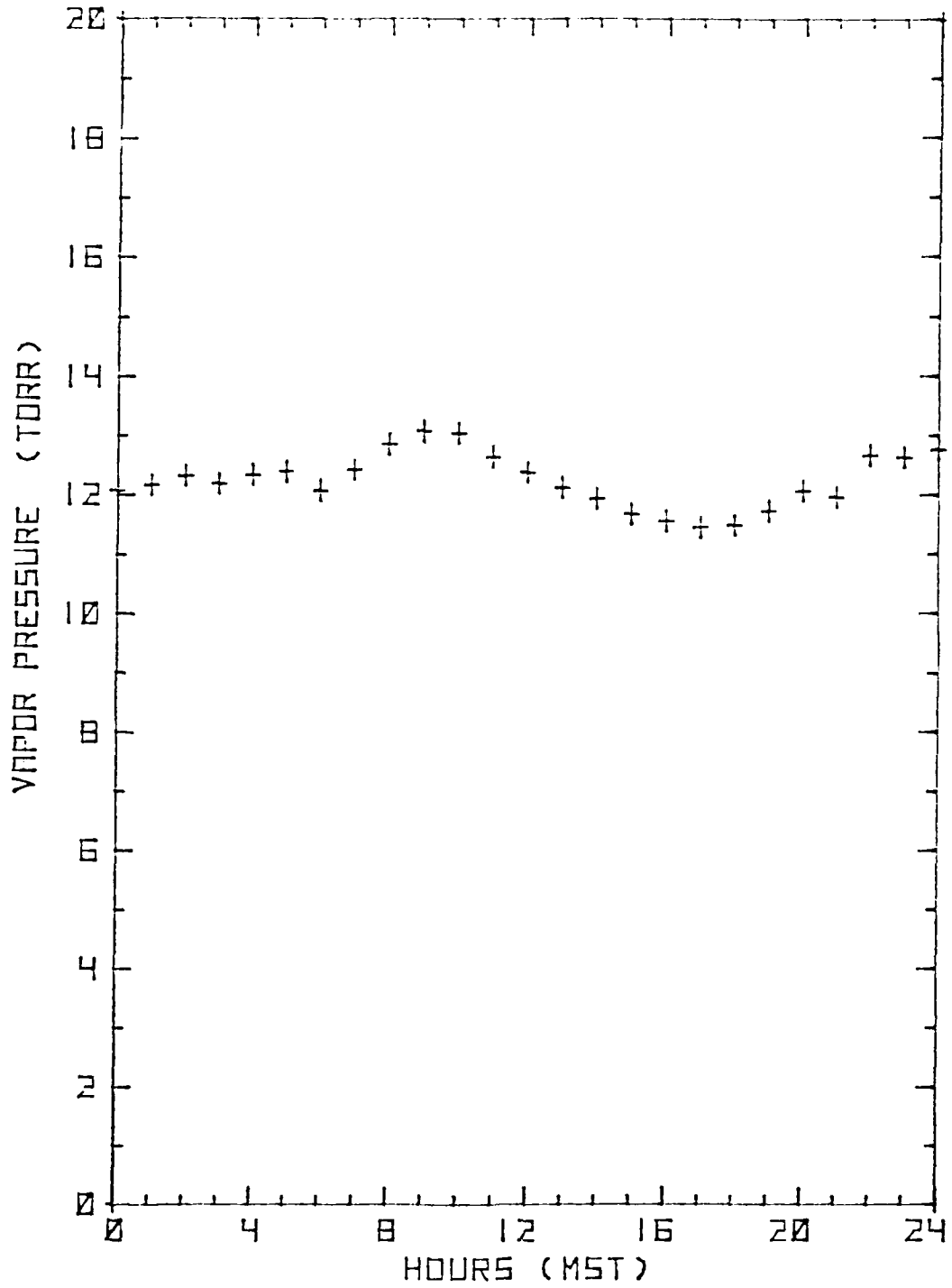


FIGURE A-1.9

RRKY 10 JUNE 1982 ( 4M )

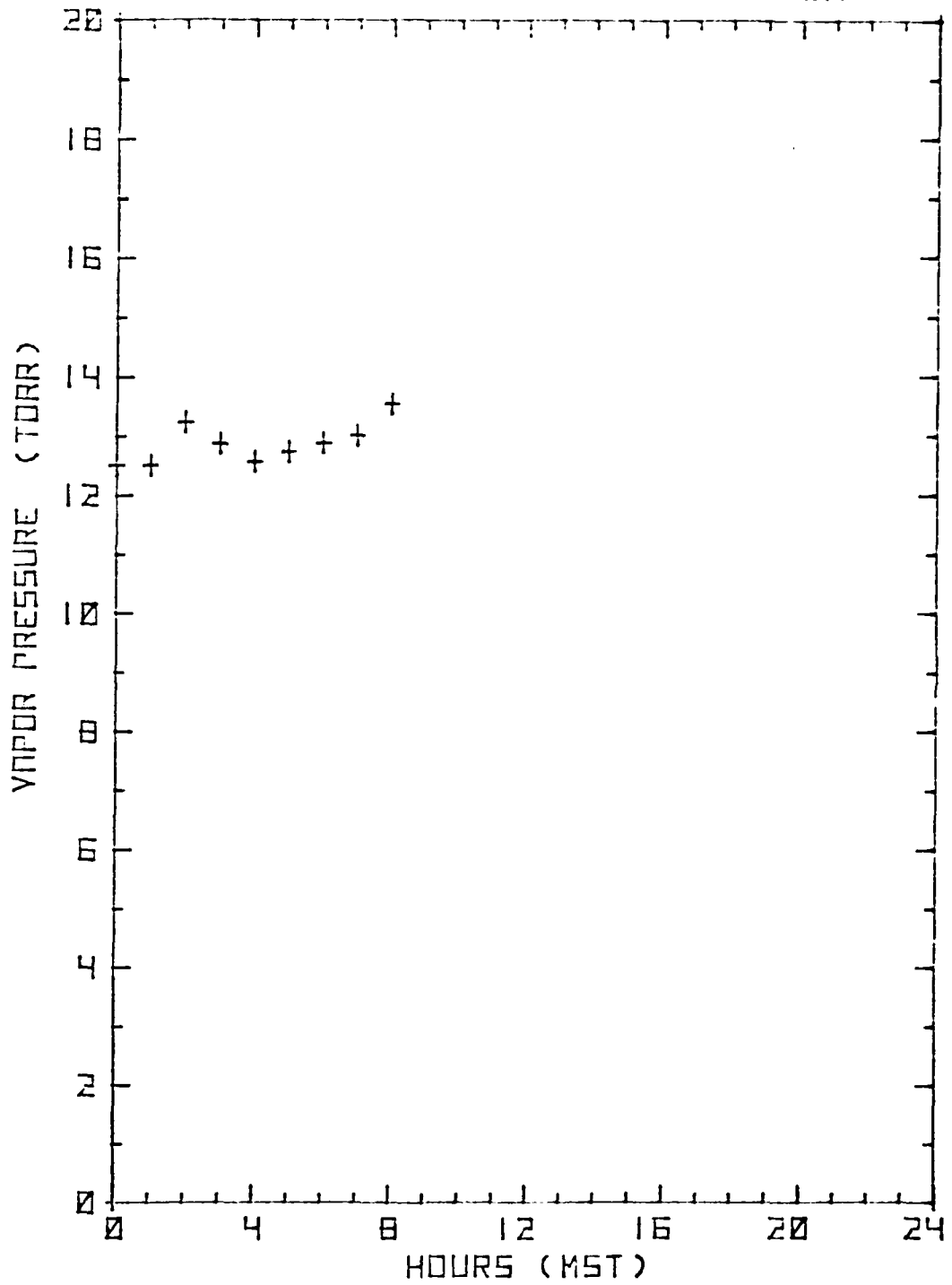


FIGURE A-1.10

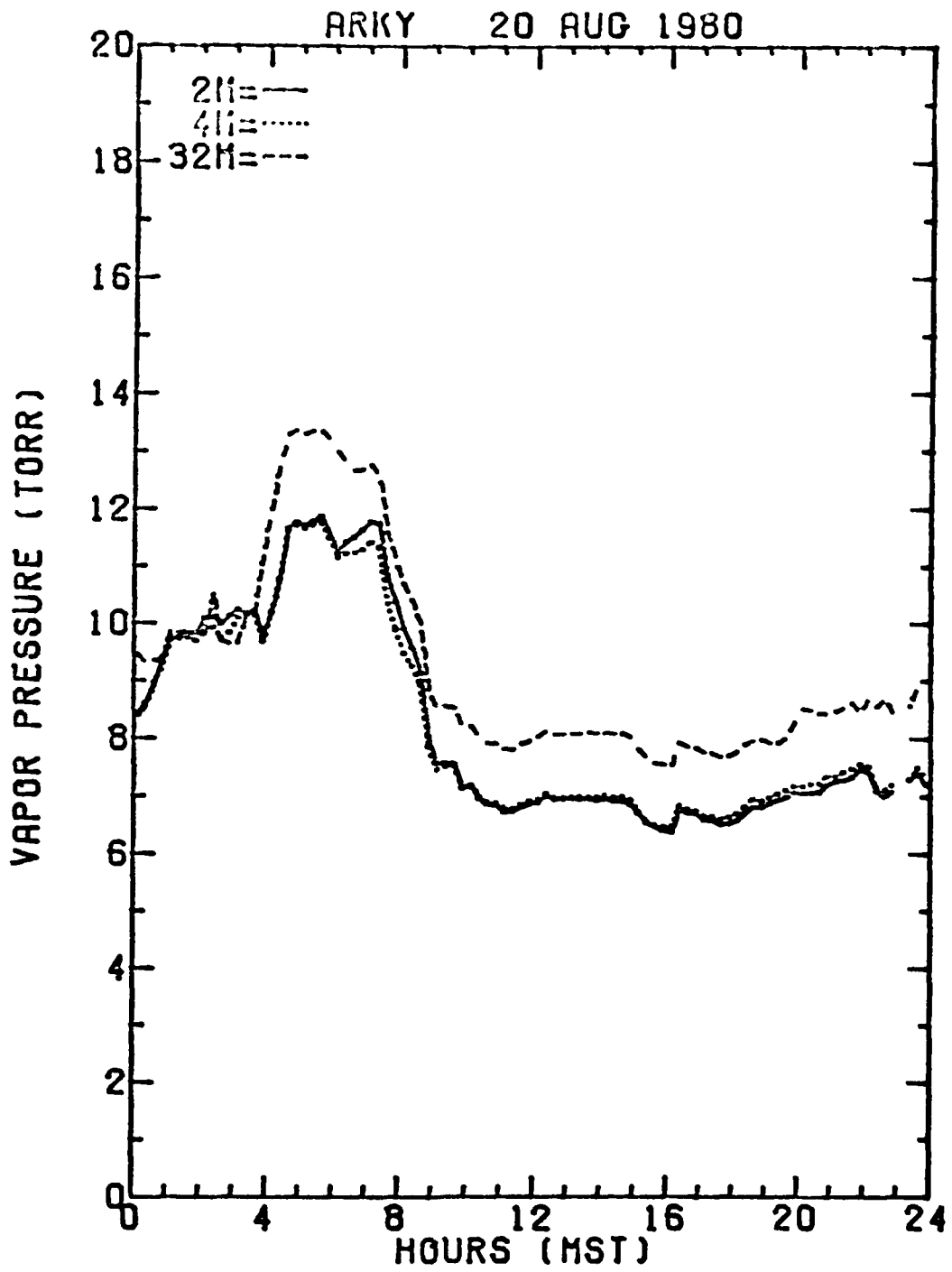


FIGURE A-1.11

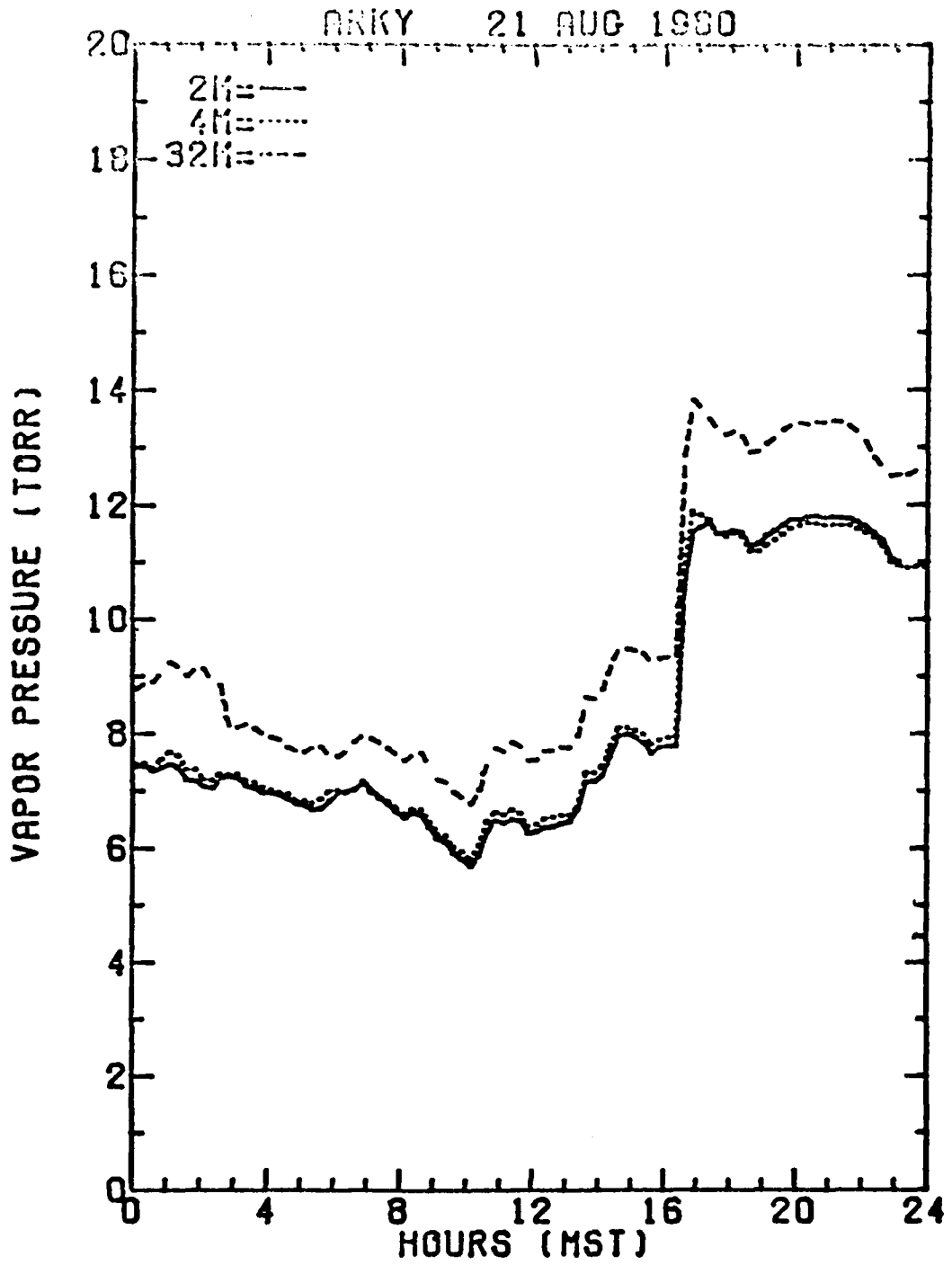


FIGURE A-1.12

ARKY 26 MAR 1980

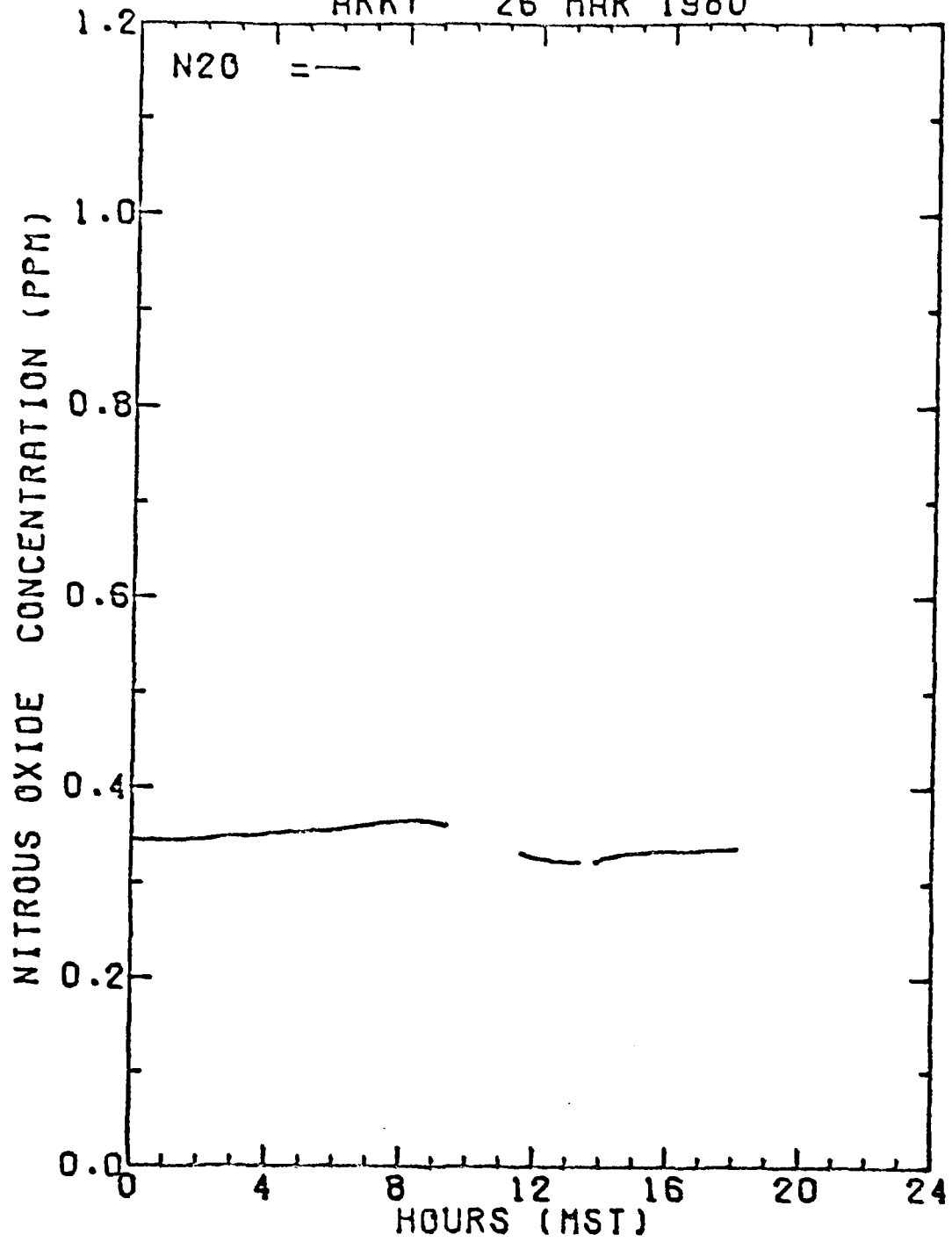


FIGURE A-1.13

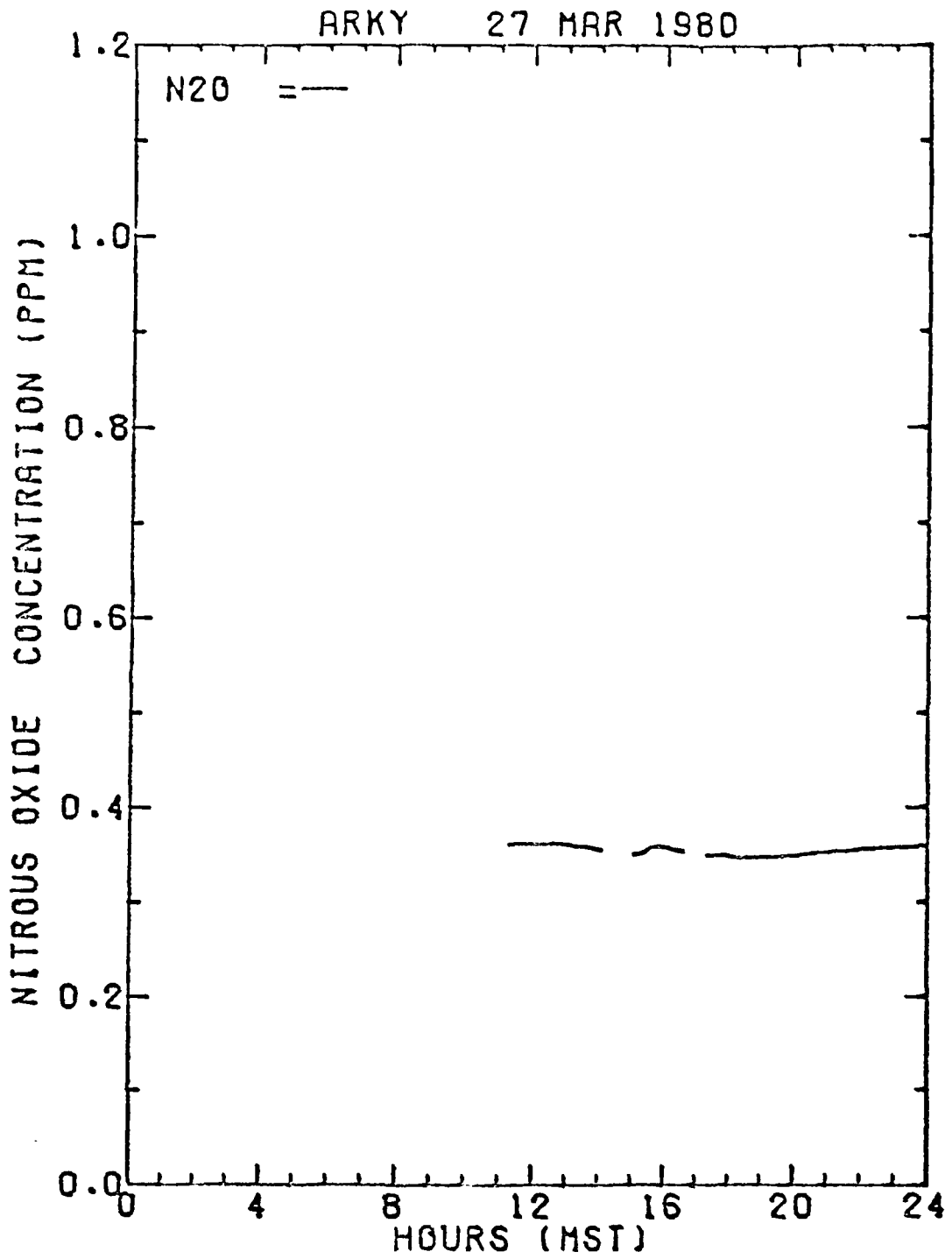


FIGURE A-1.14

ARKY 3 JUN 1980

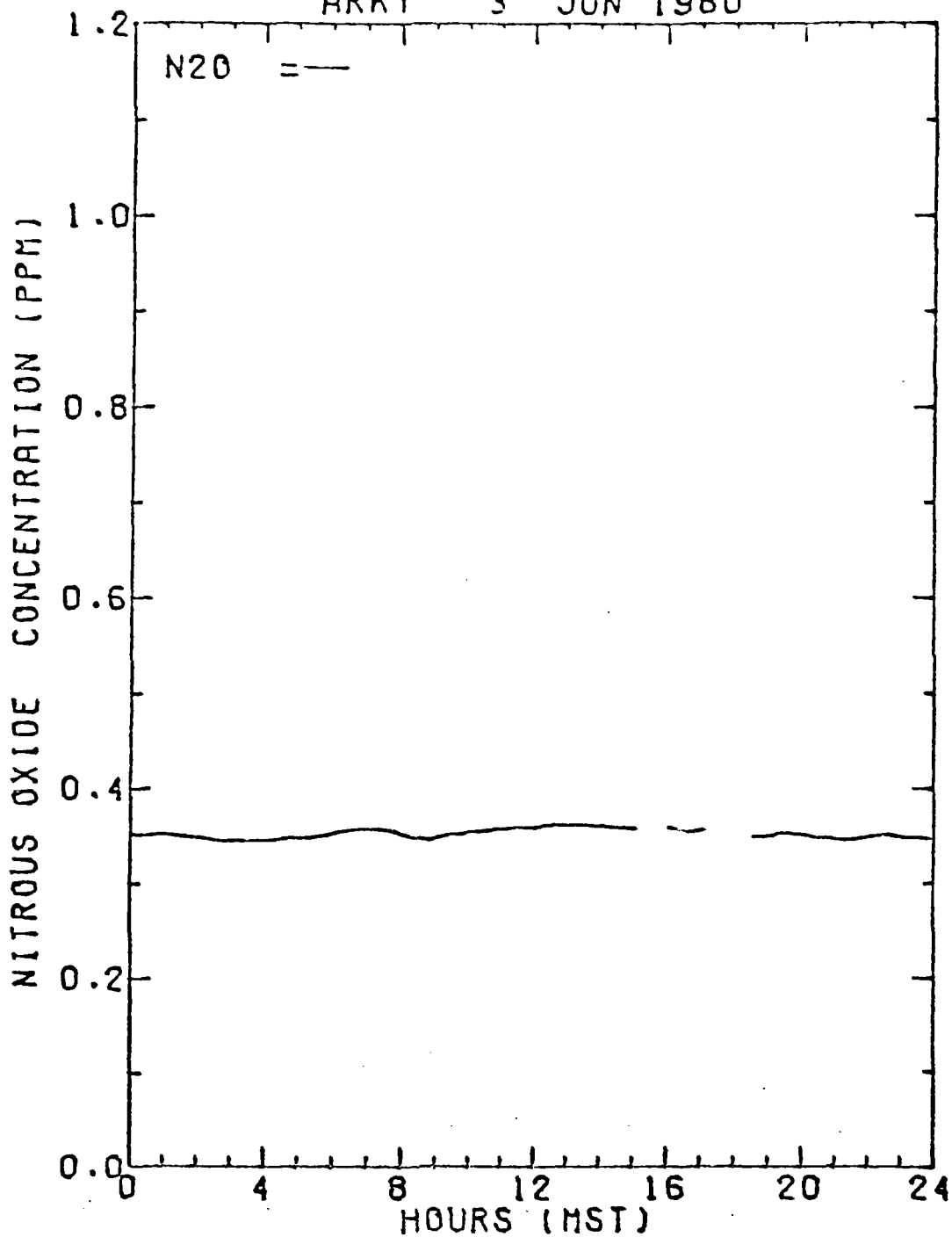


FIGURE A-1.15

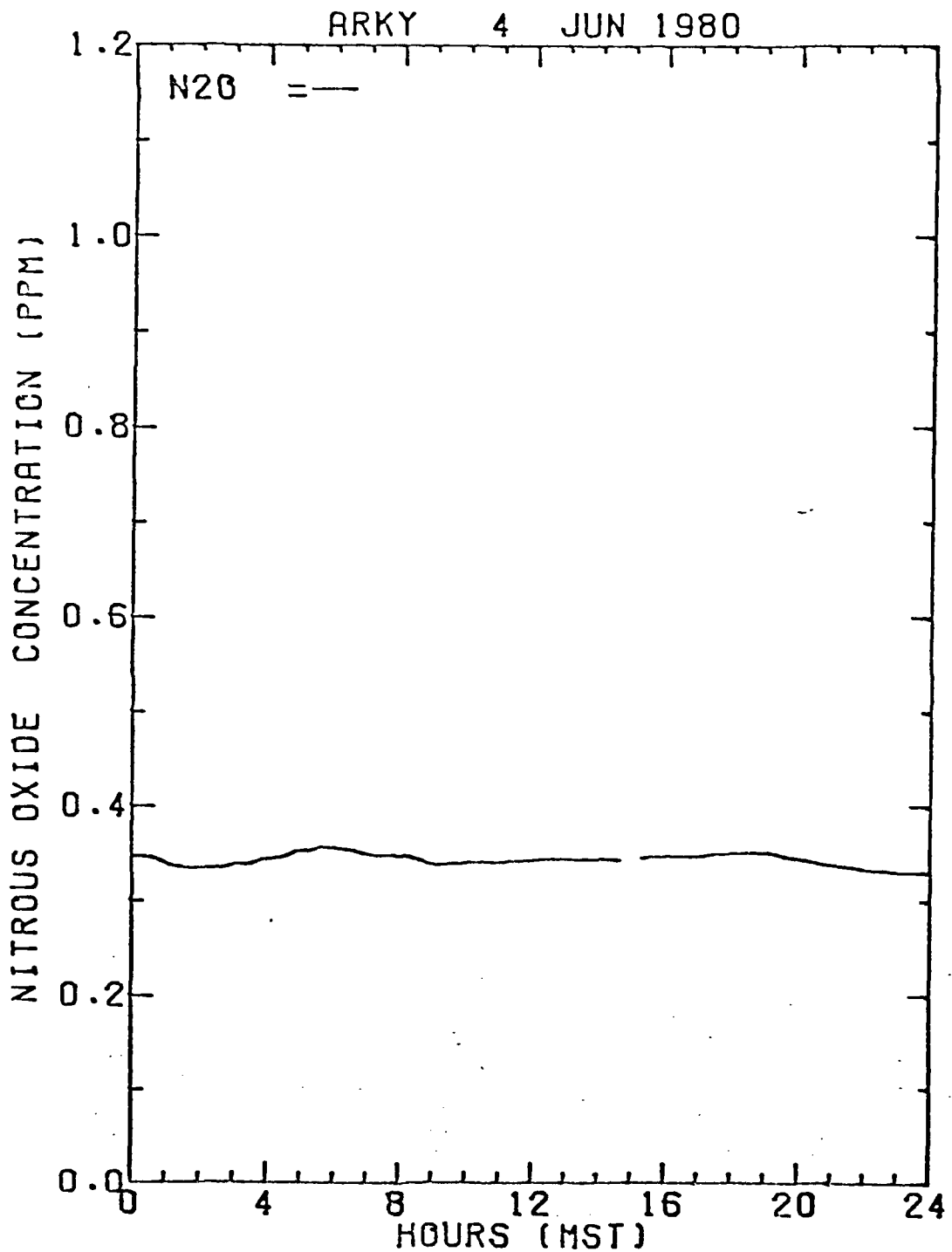


FIGURE A-1.16

ARKY 6 JUNE 1980 (32M)

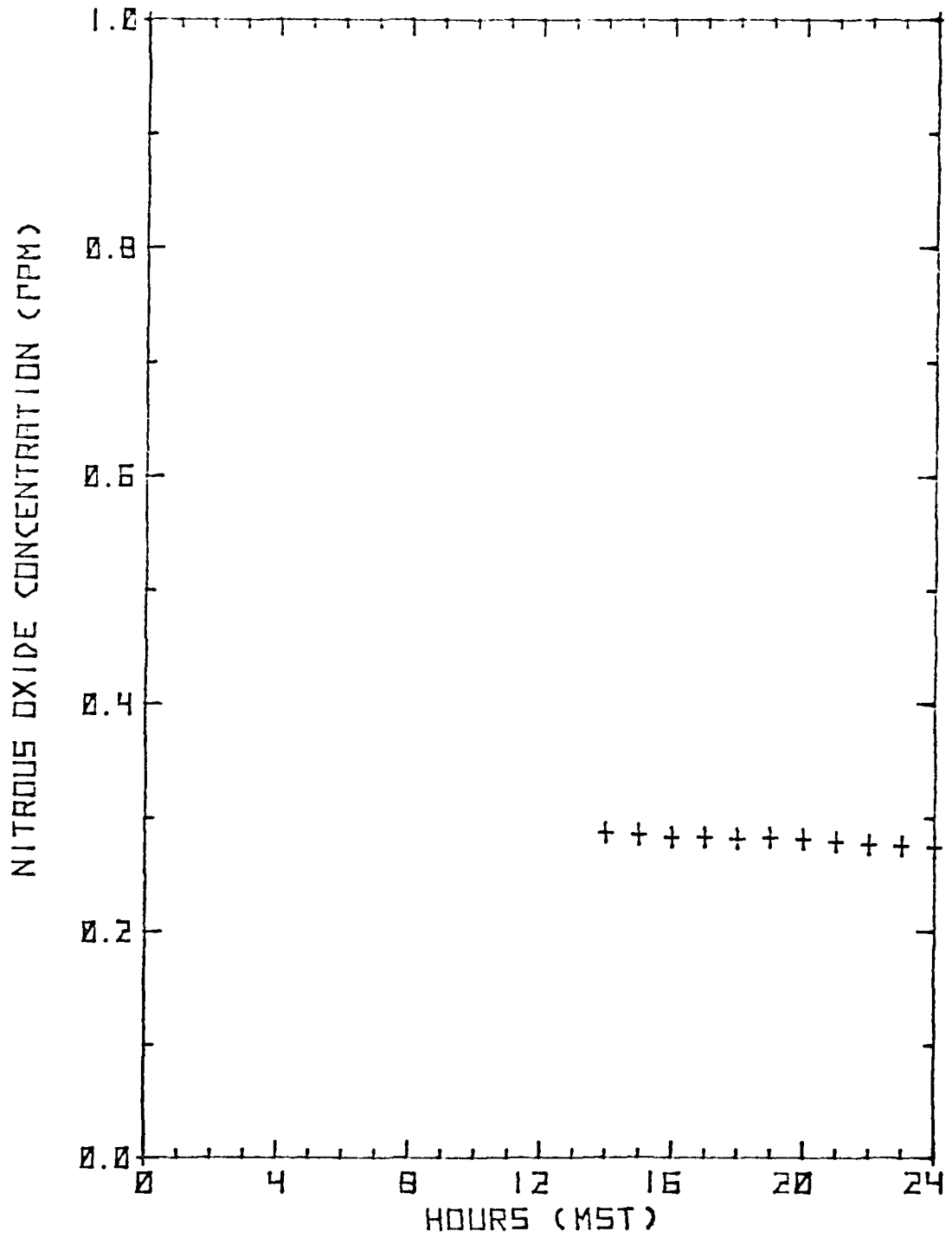


FIGURE A-1.17

ARKY 7 JUNE 1980 (32M)

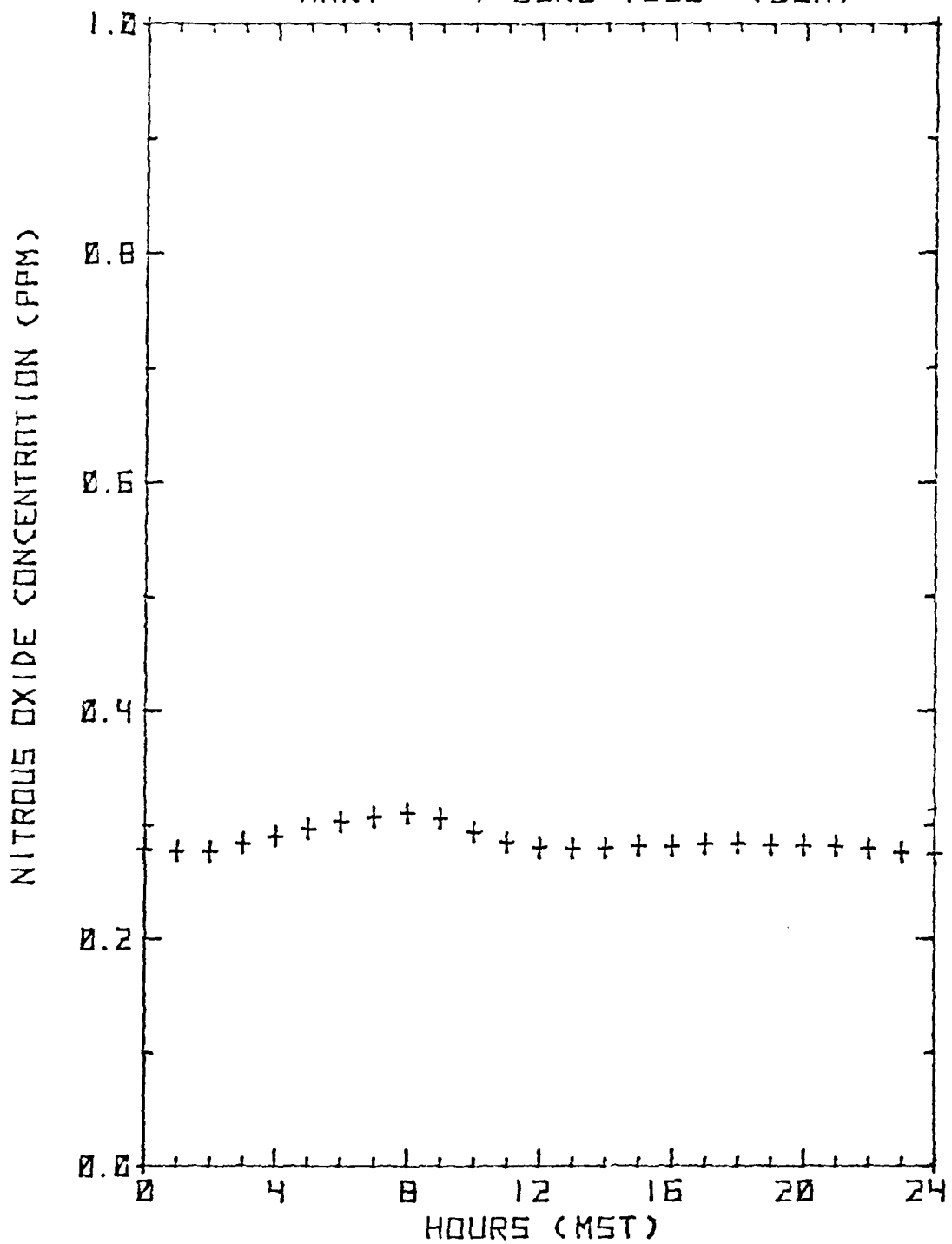


FIGURE A-1.18

ARKY 8 JUNE 1980 (32M)

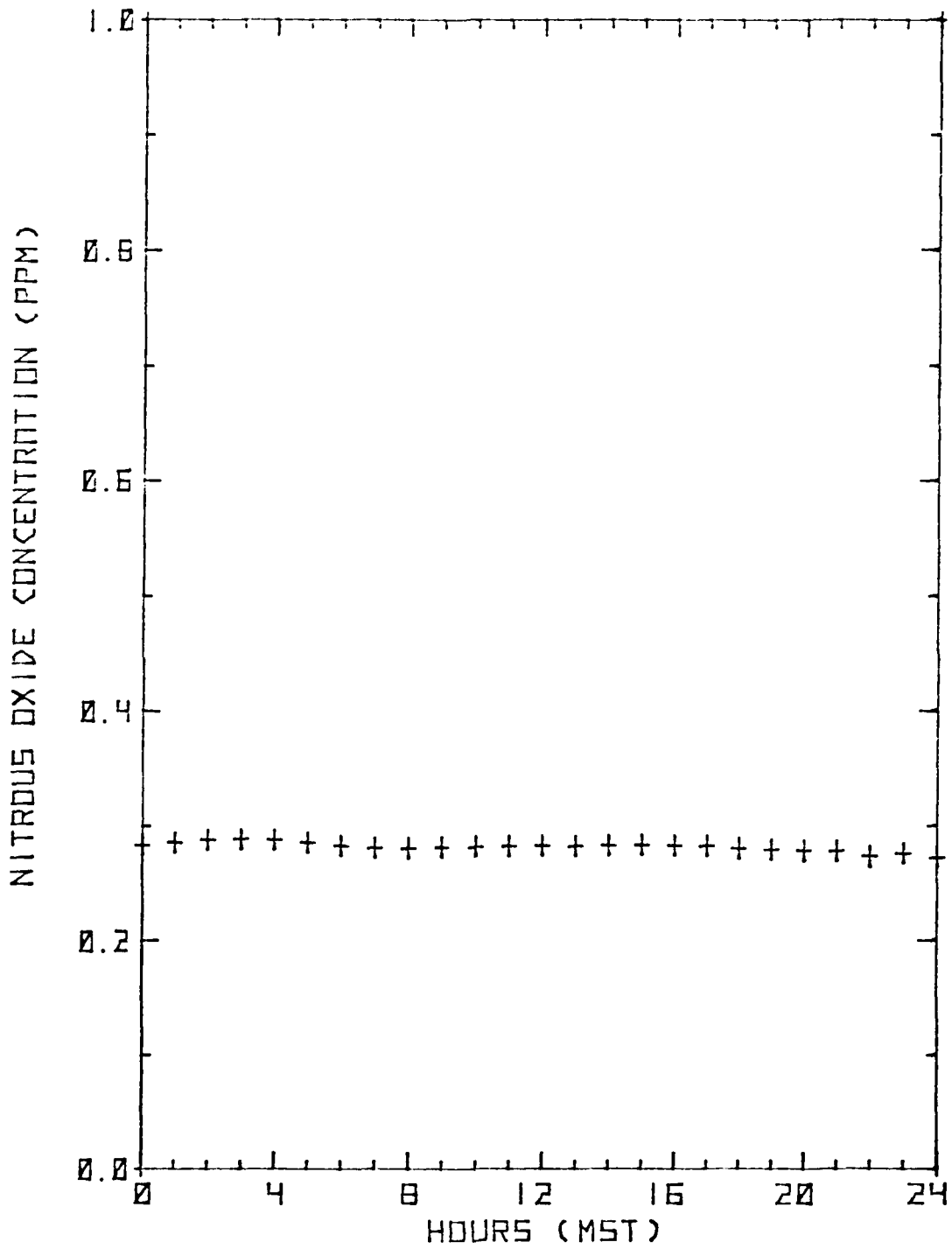


FIGURE A-1.19

ARKY 9 JUNE 1982 (32M)

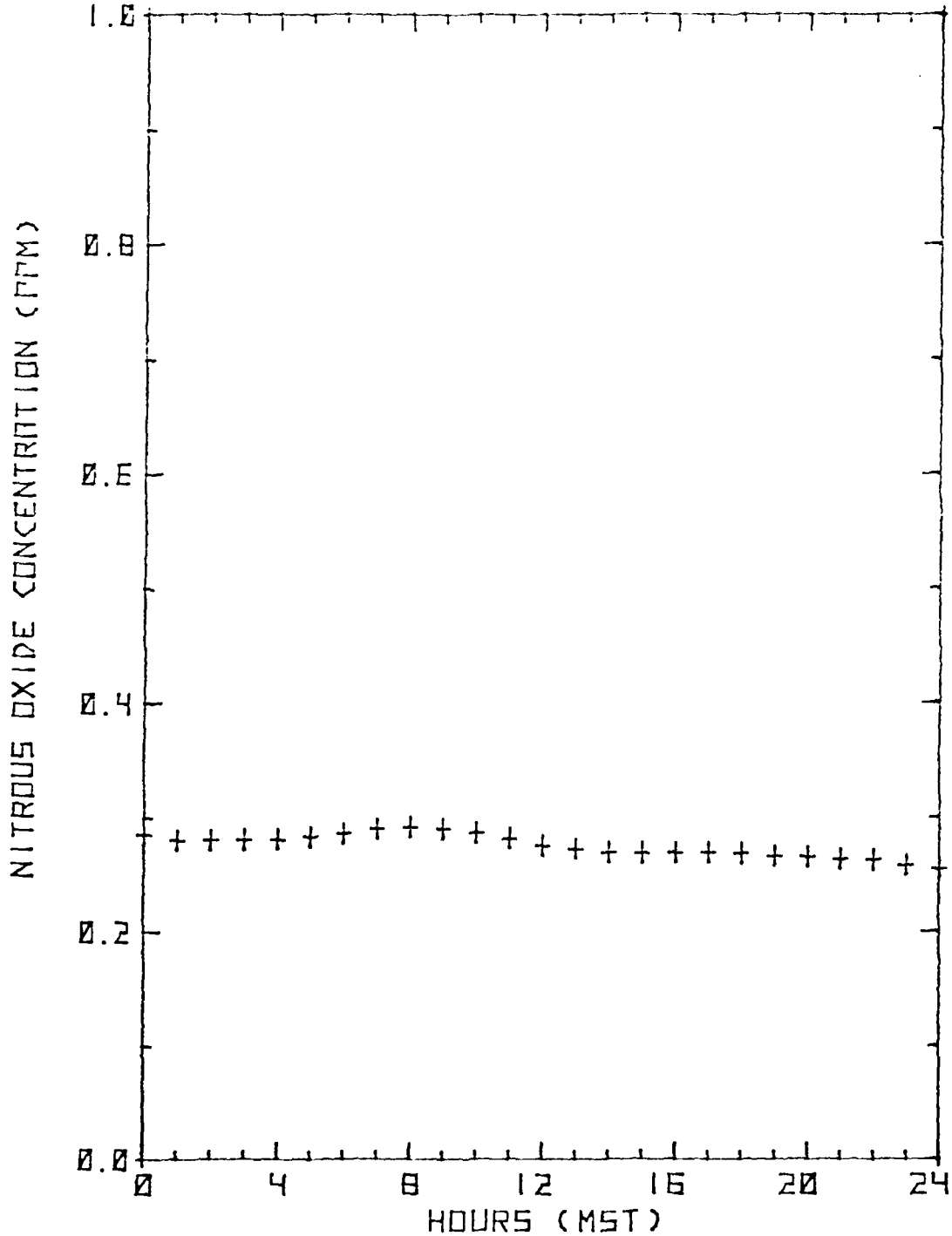


FIGURE A-1.20

ARKY 10 JUNE 1980 (32M)

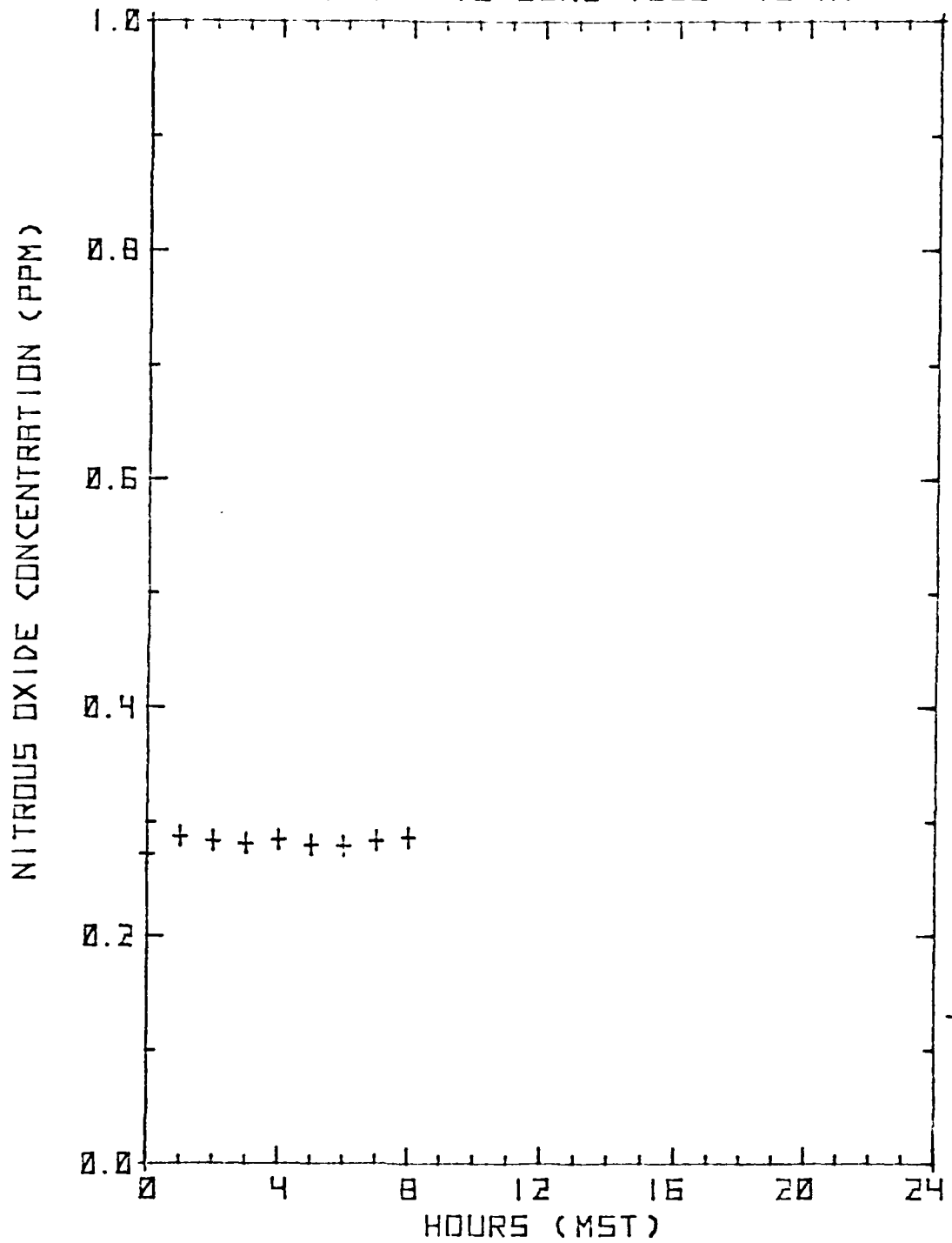


FIGURE A-1.21

ARKY 25 MAR 1980 (4M)

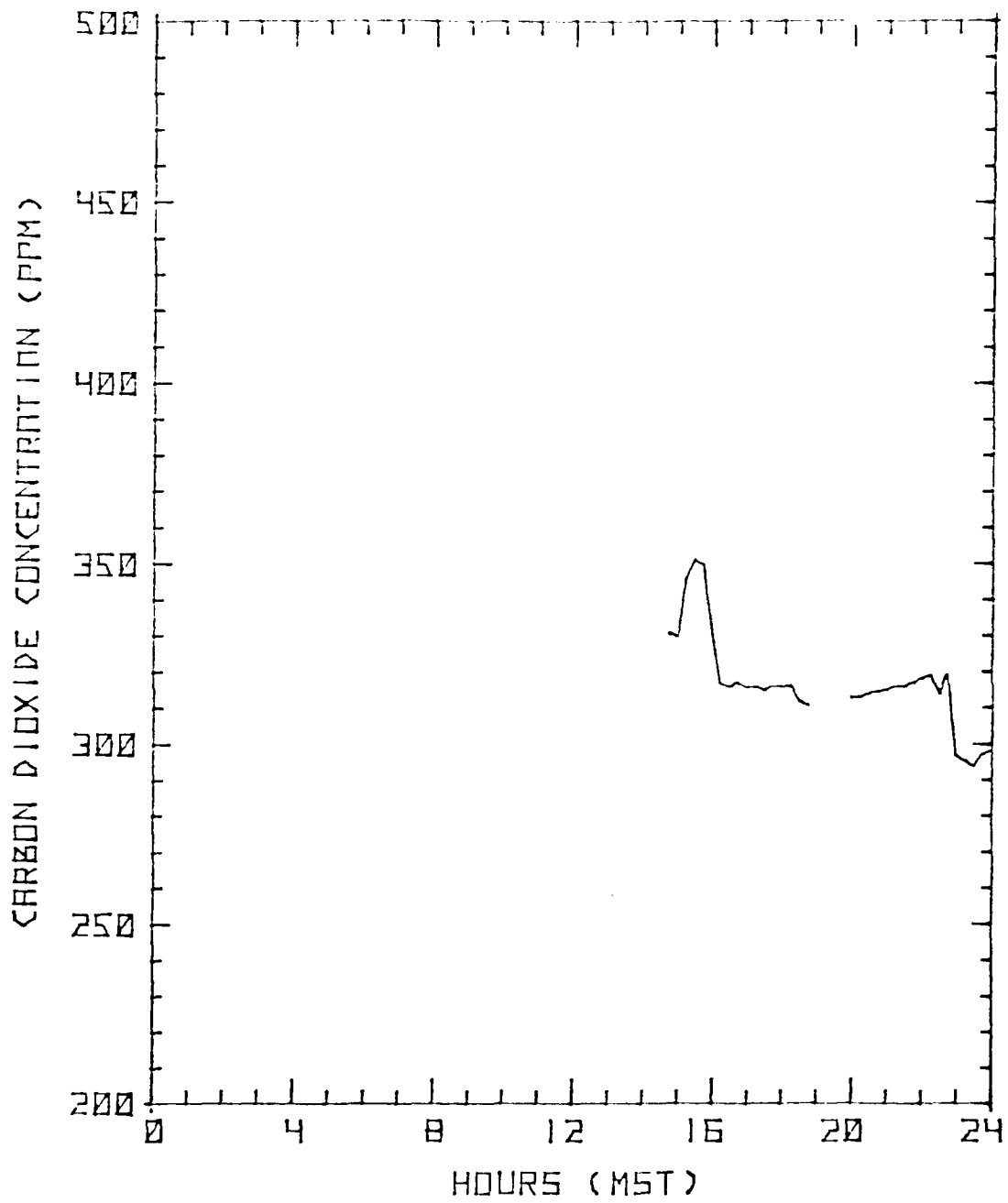


FIGURE A-1.22

ARKY 25 MAR 1980 (32M)

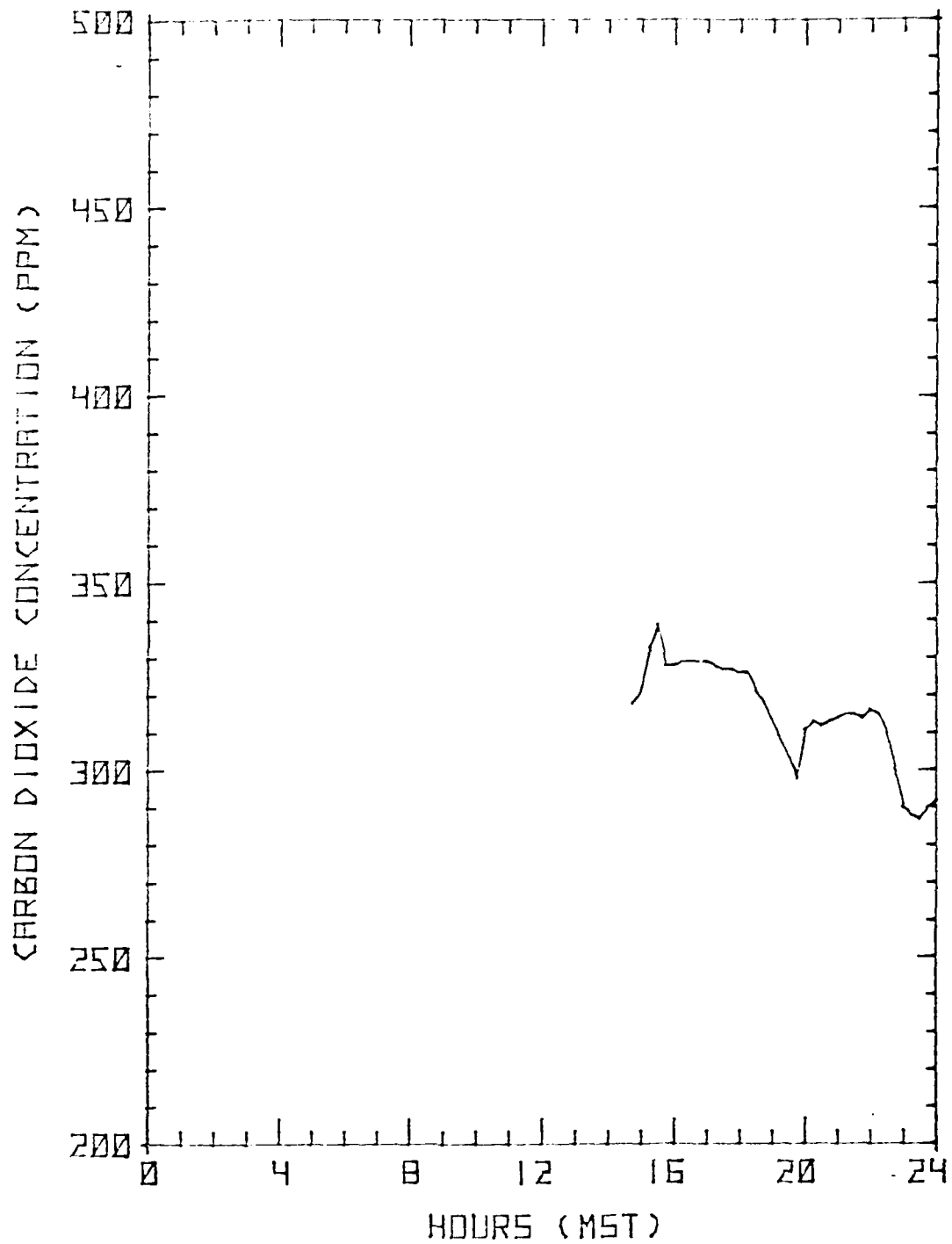


FIGURE A-1.23

RRKY 26 MAR 1980 (4M)

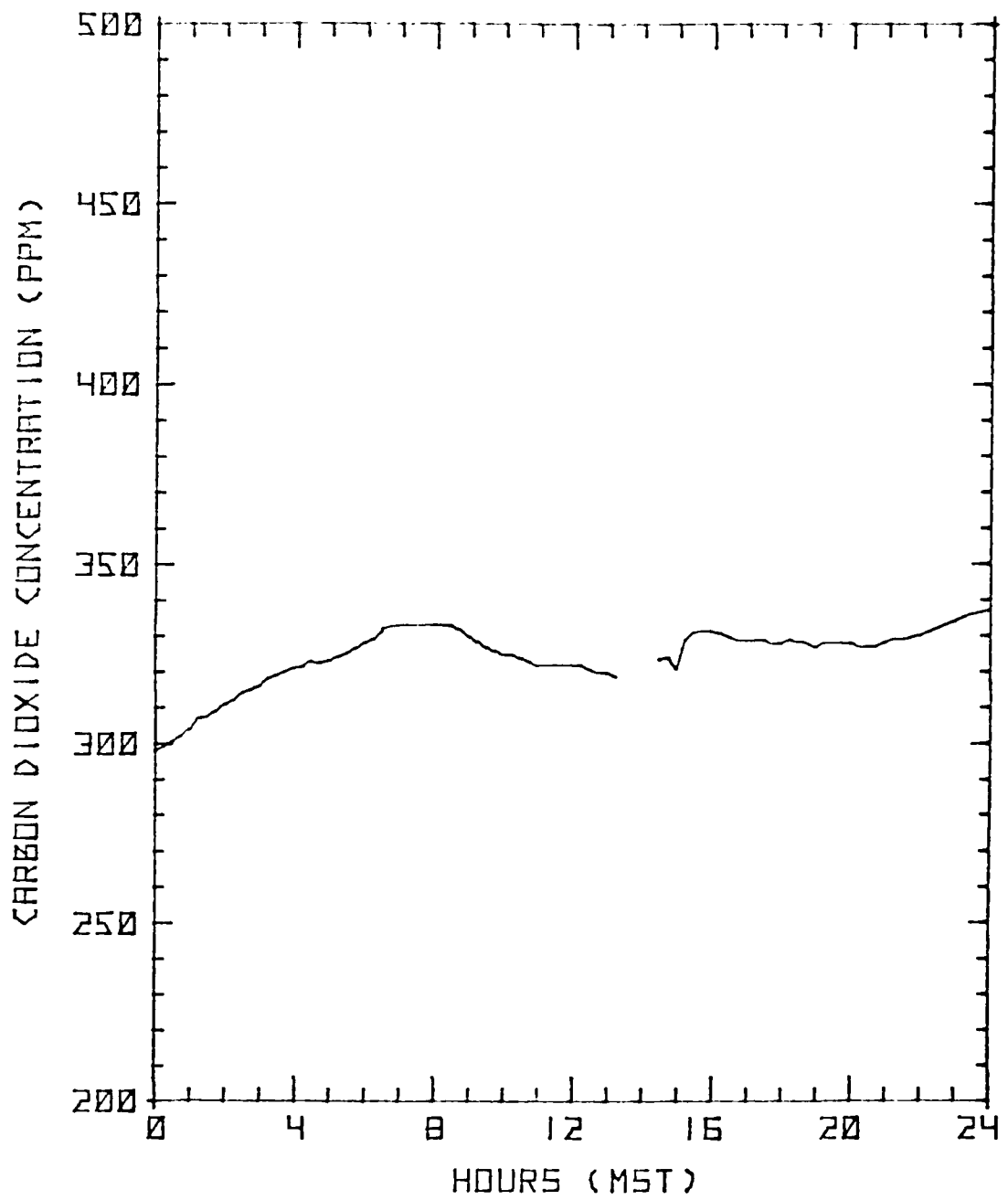


FIGURE A-1.24

HRKY 26 MAR 1980 (32M)

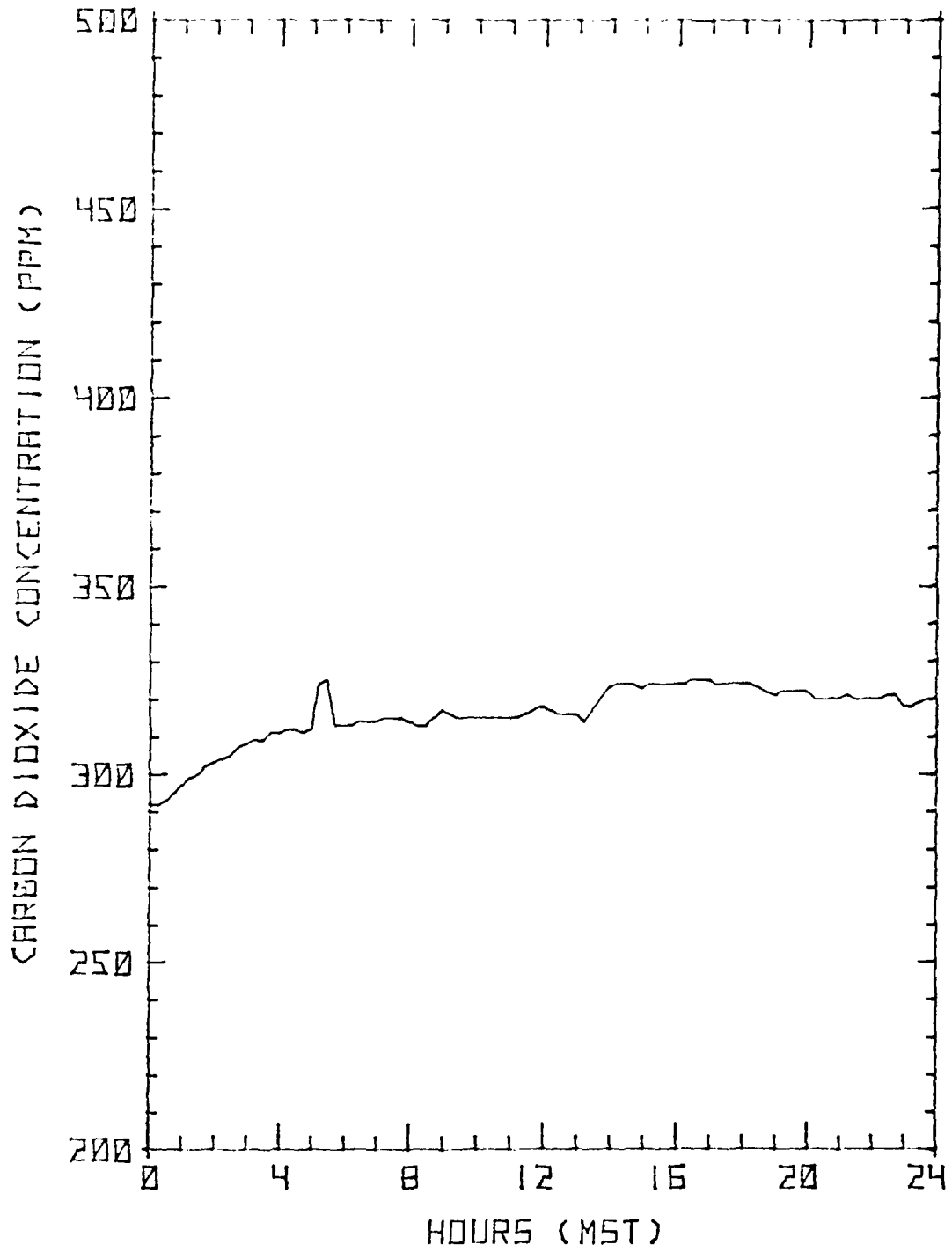


FIGURE A-1.25

ARKY 27 MAR 1980 (4M)

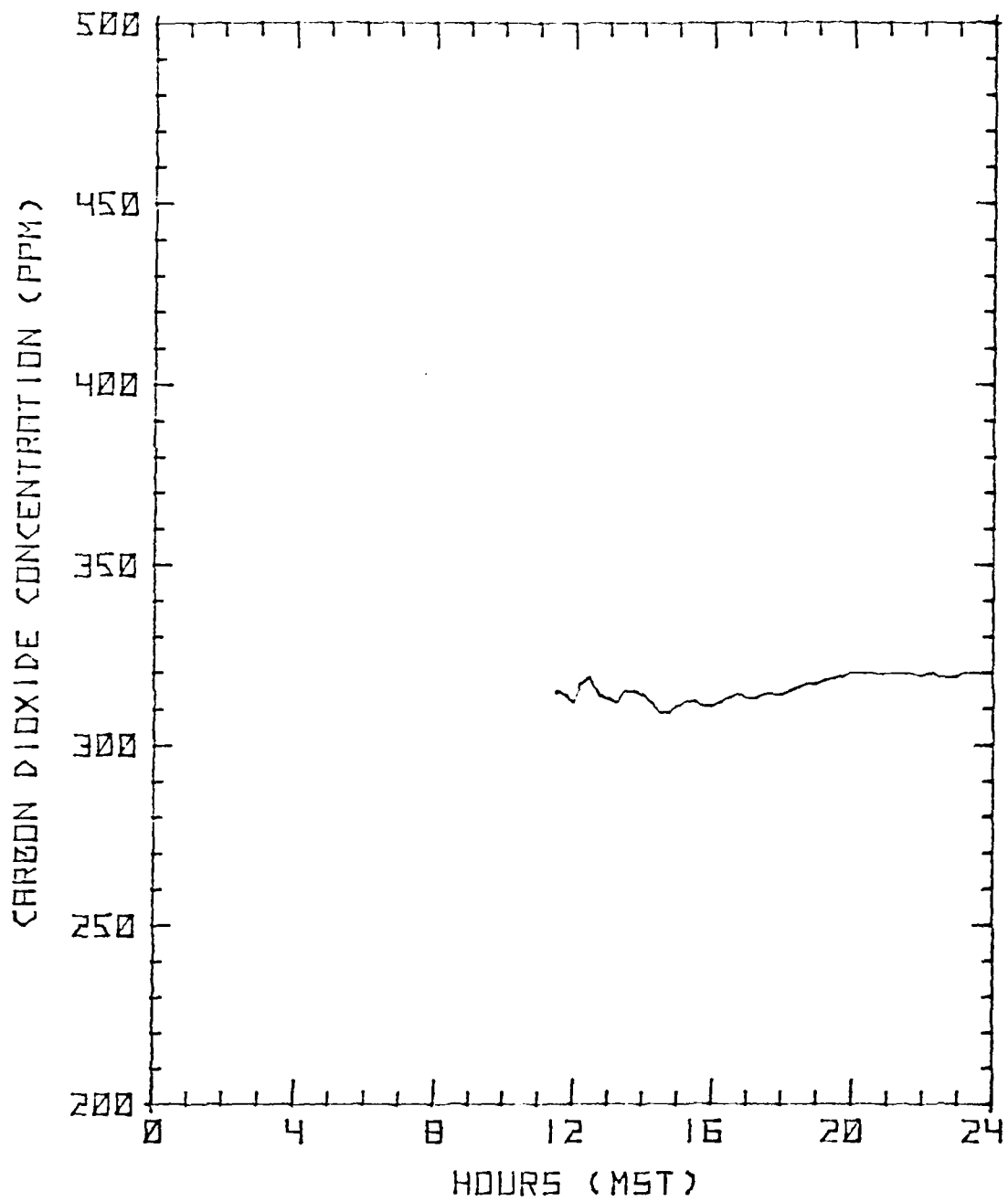


FIGURE A-1.26

ARKY 27 MAR 1980 (32M)

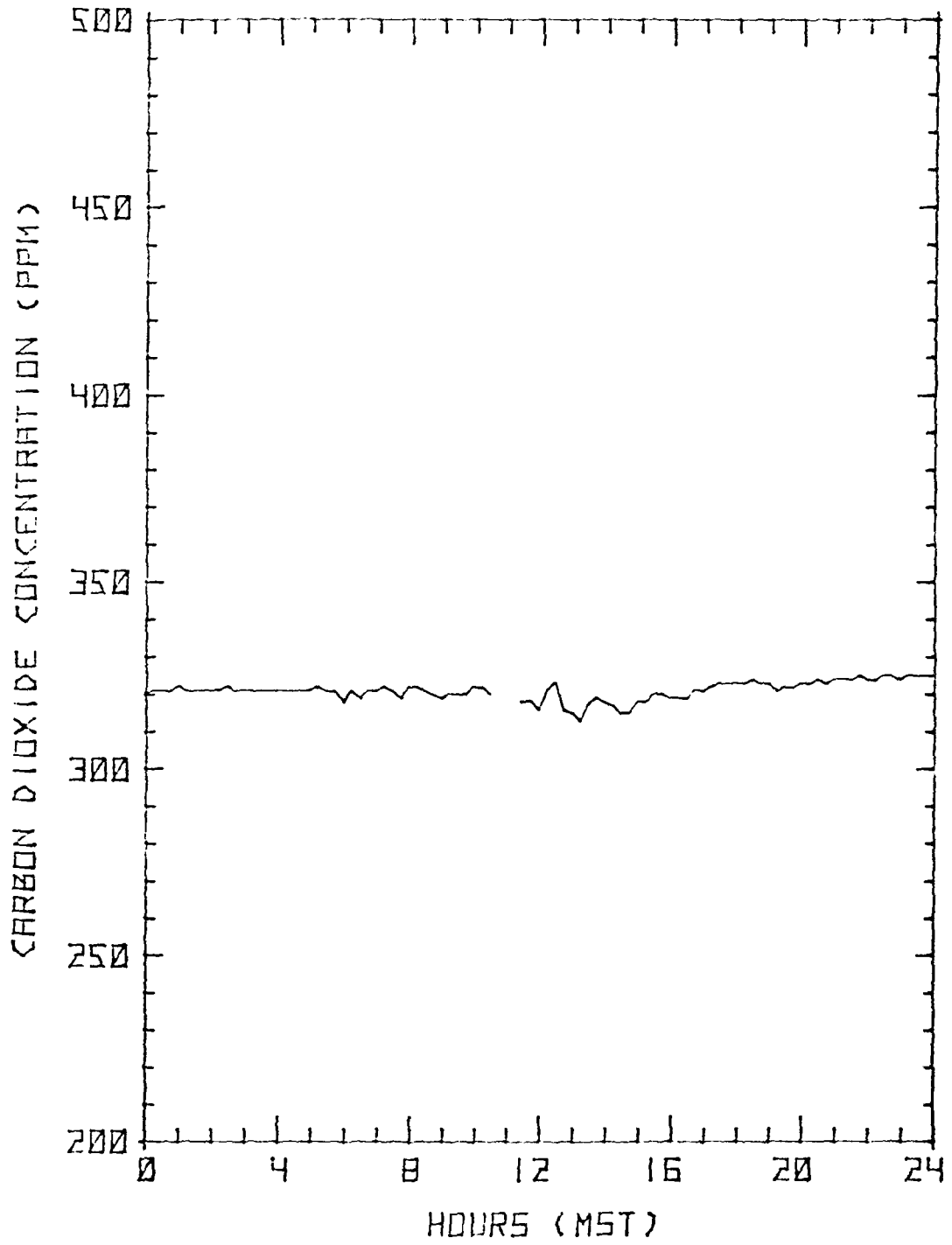


FIGURE A-1.27

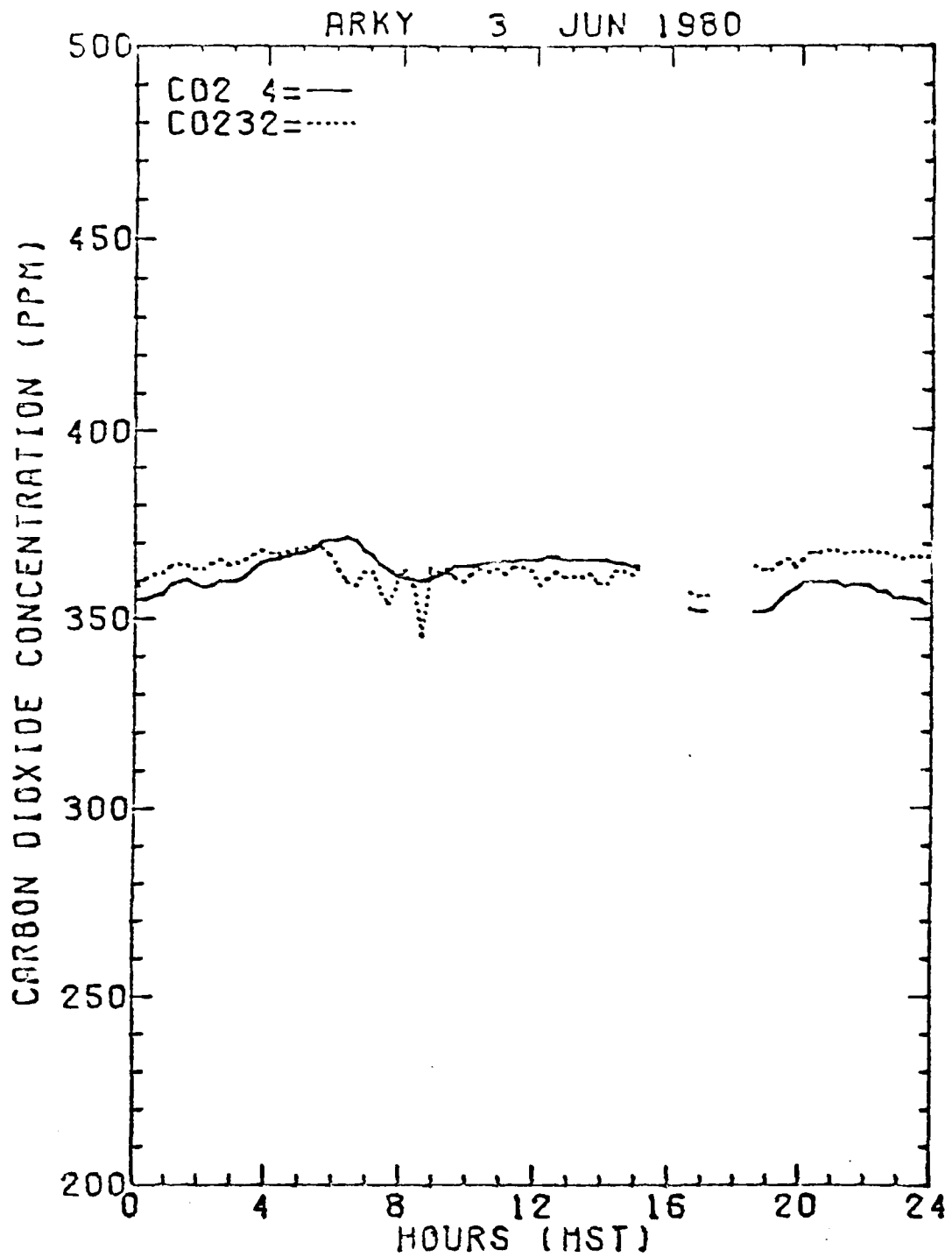


FIGURE A-1.28

ARKY 4 JUN 1980

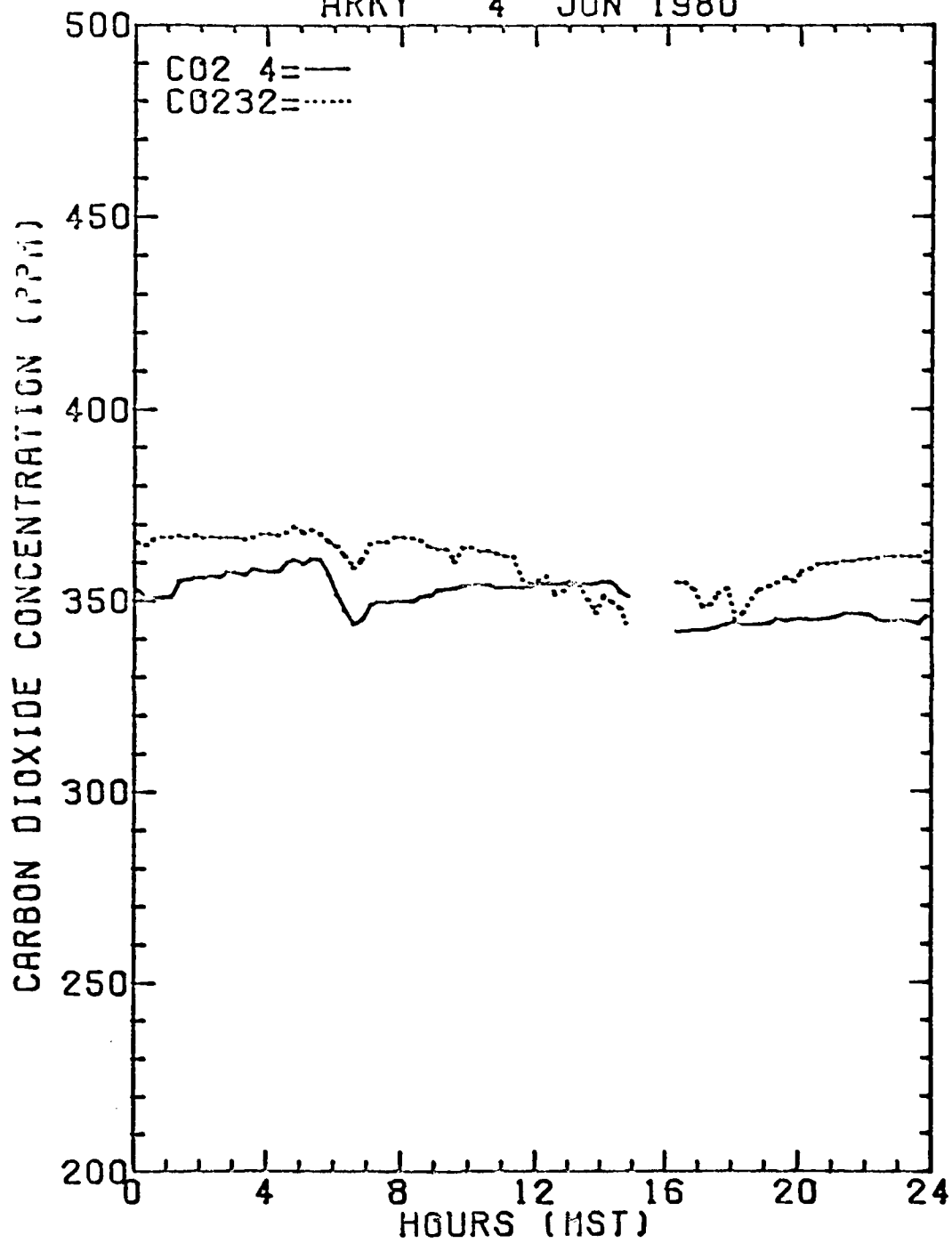


FIGURE A-1.29

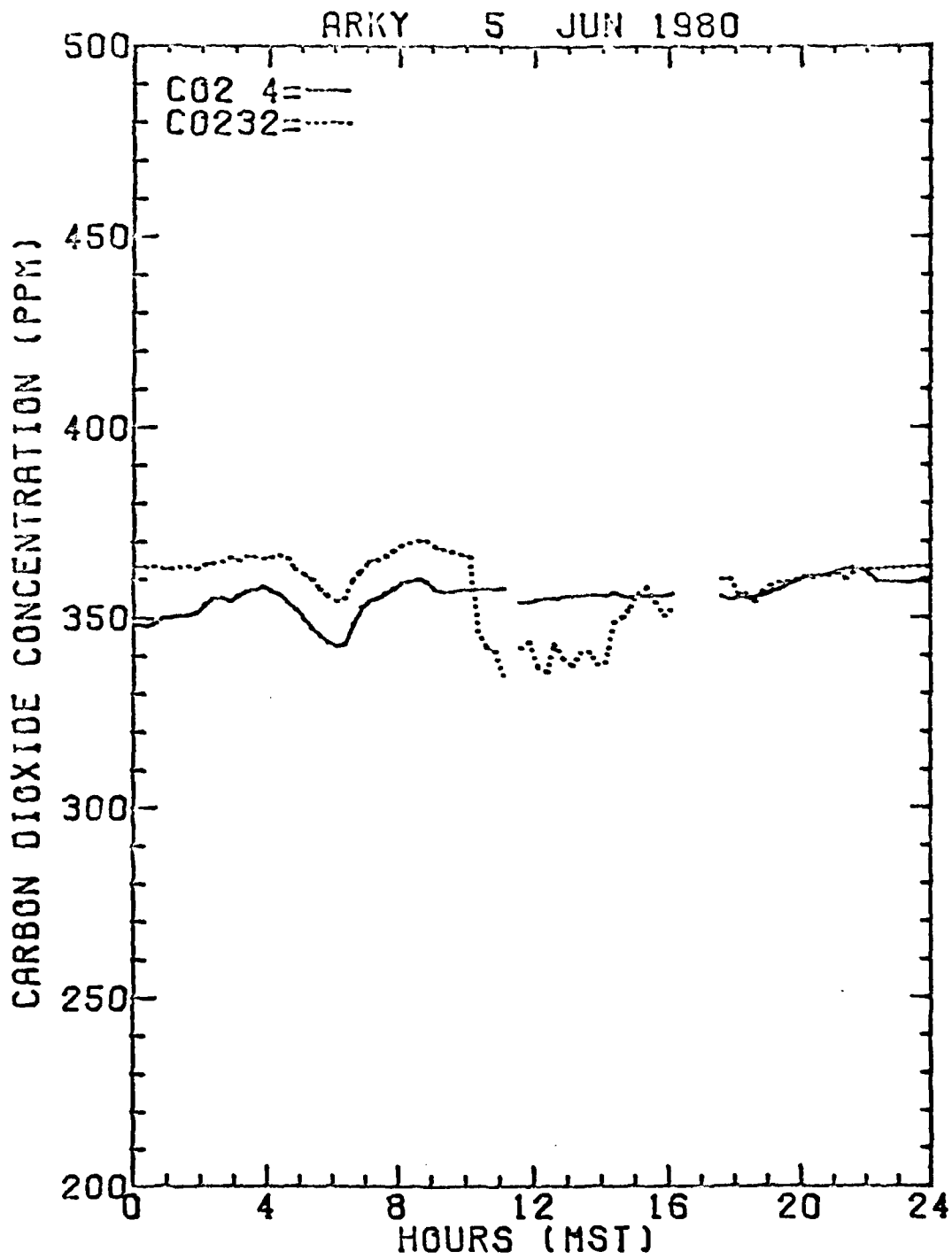


FIGURE A-1.30

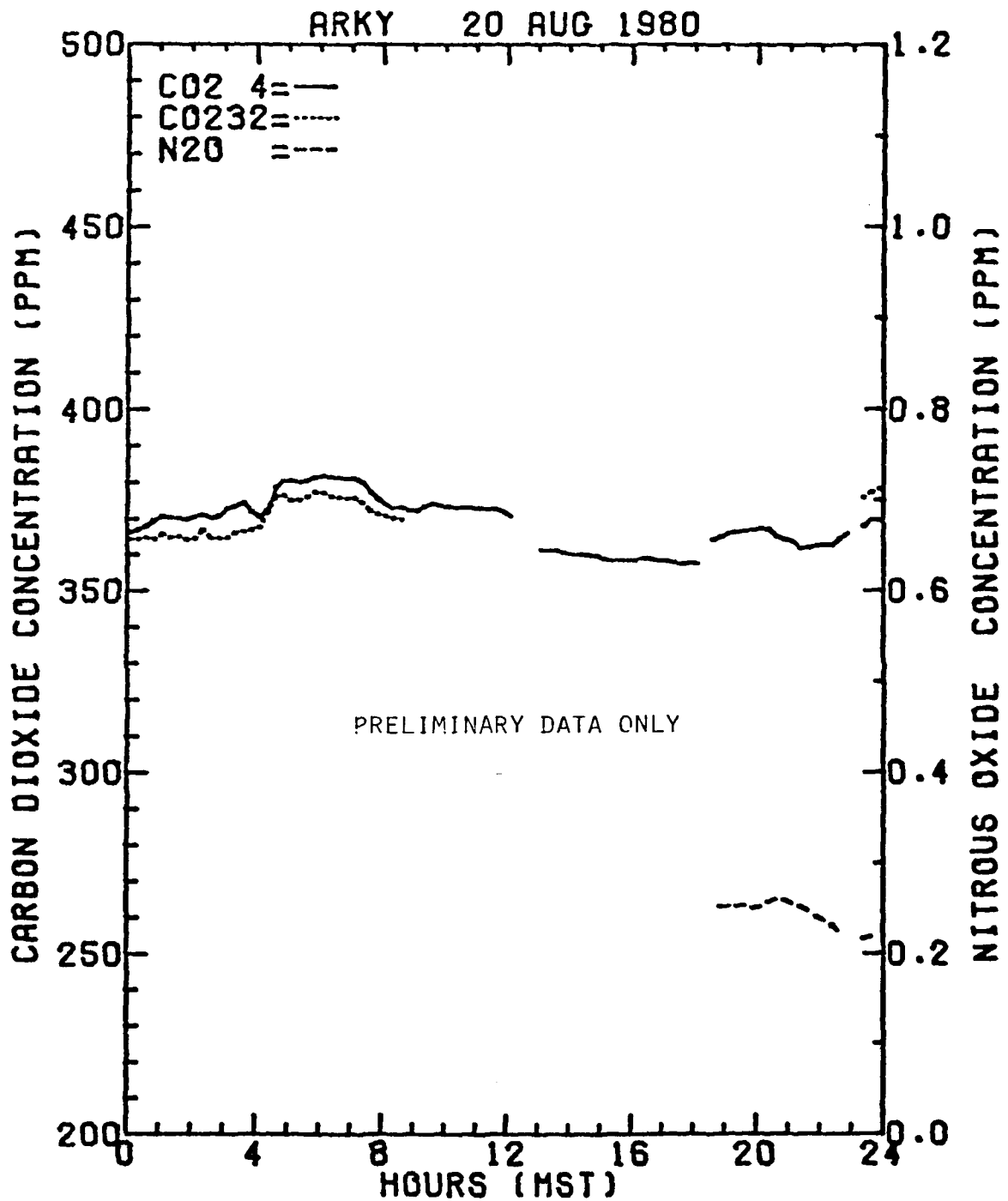


FIGURE A-1.31

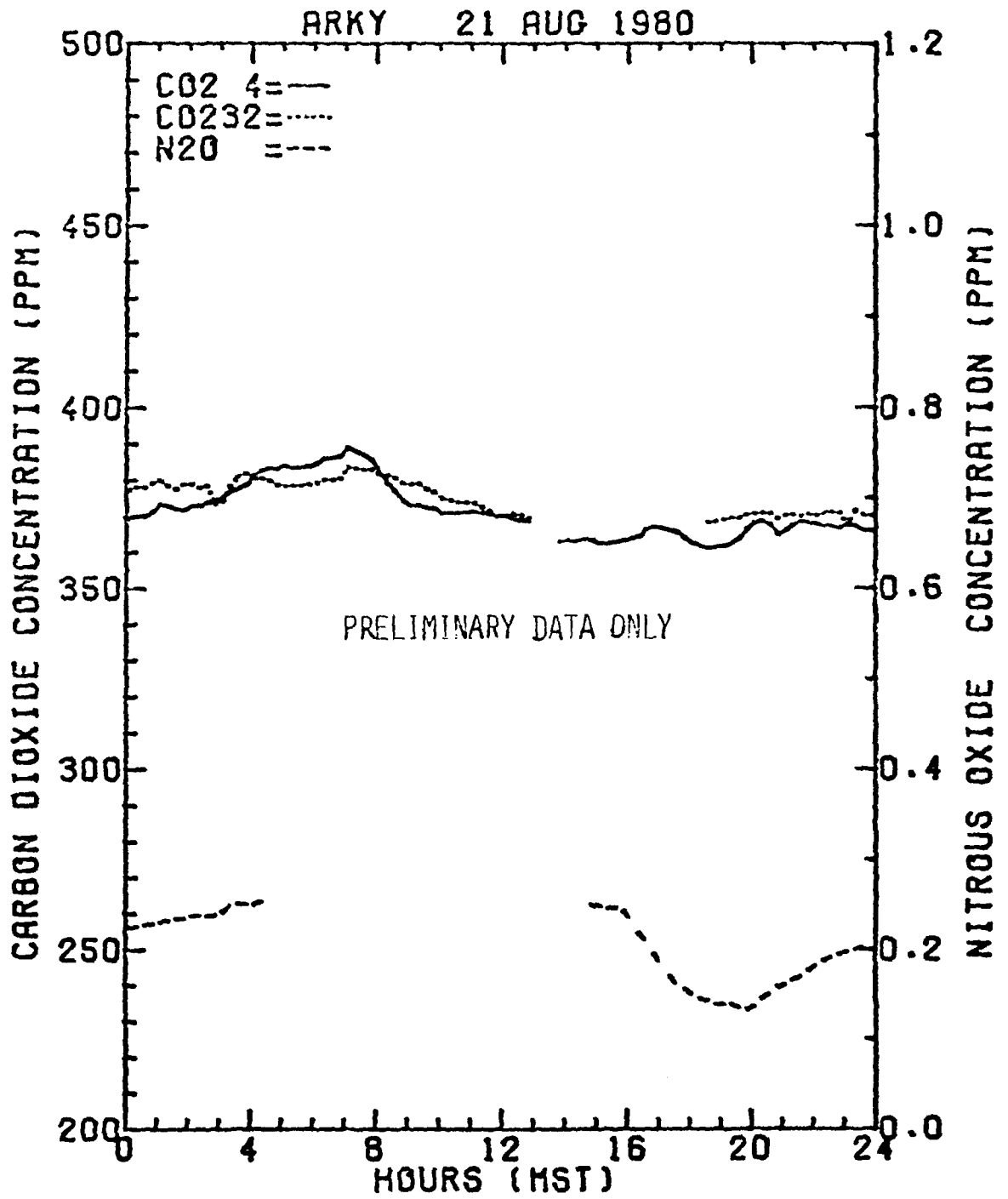


FIGURE A-1.32

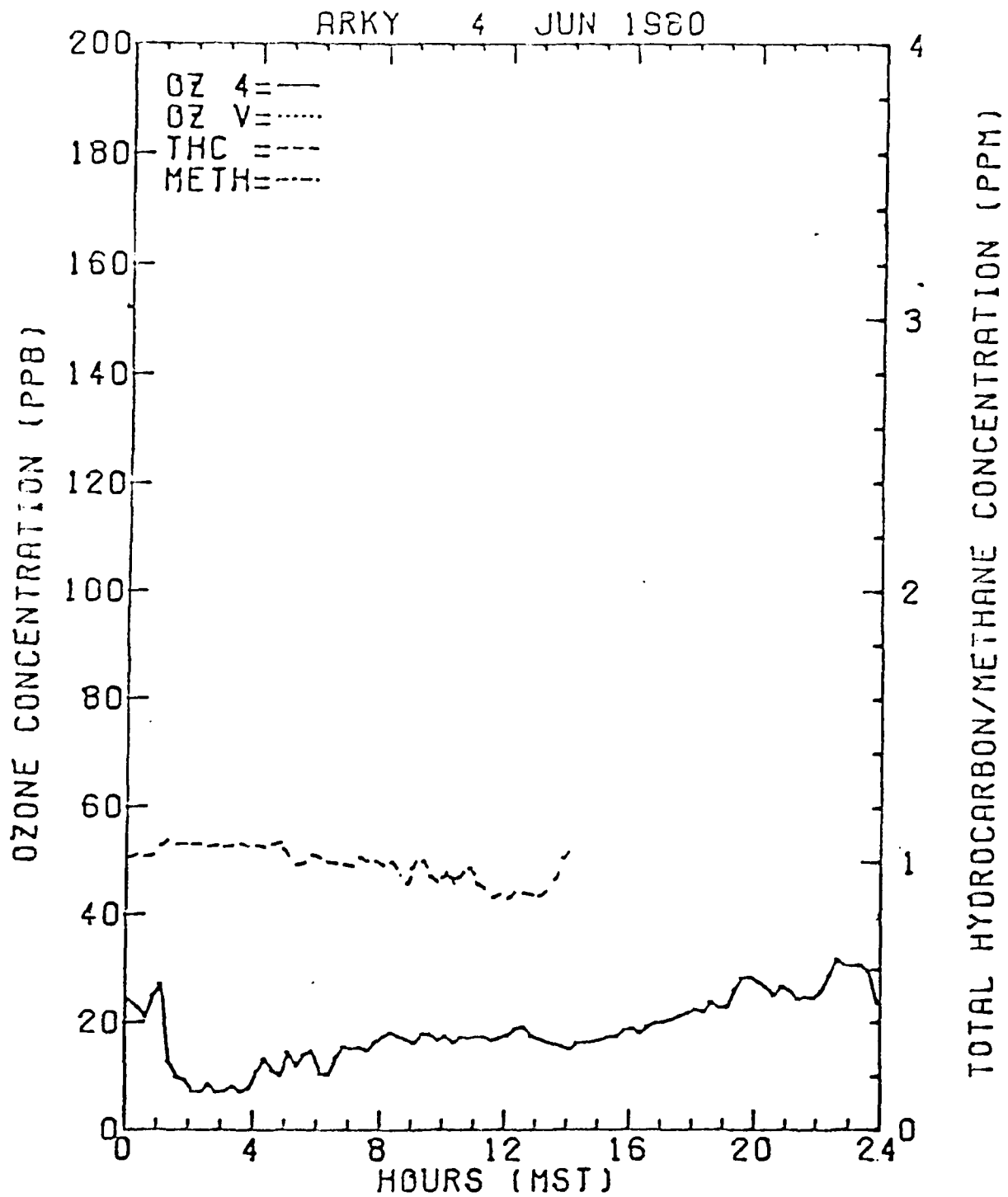


FIGURE A-1.33

ARKY 4 JUN 1980

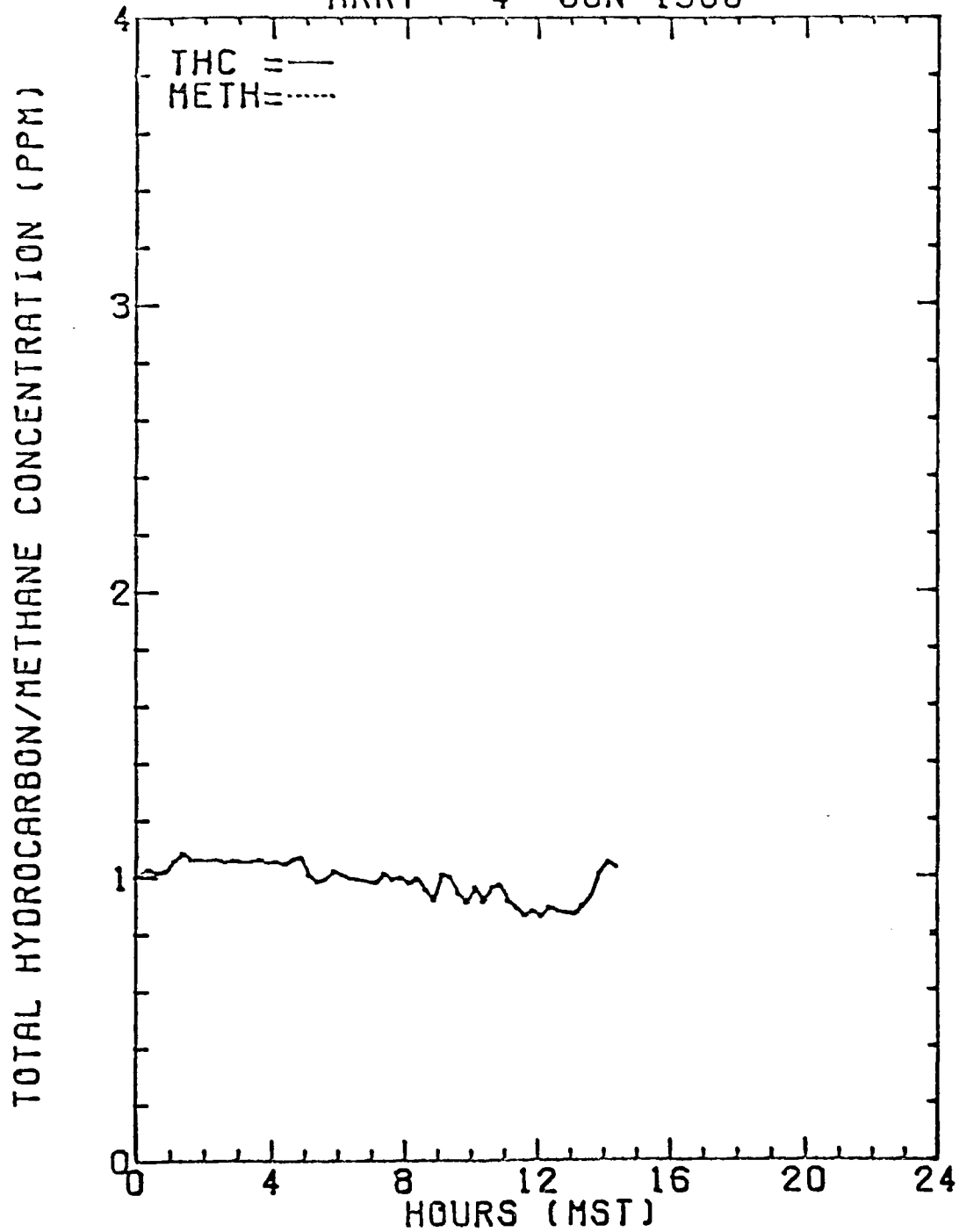


FIGURE A-1.34

ARKY 5 JUN 1980

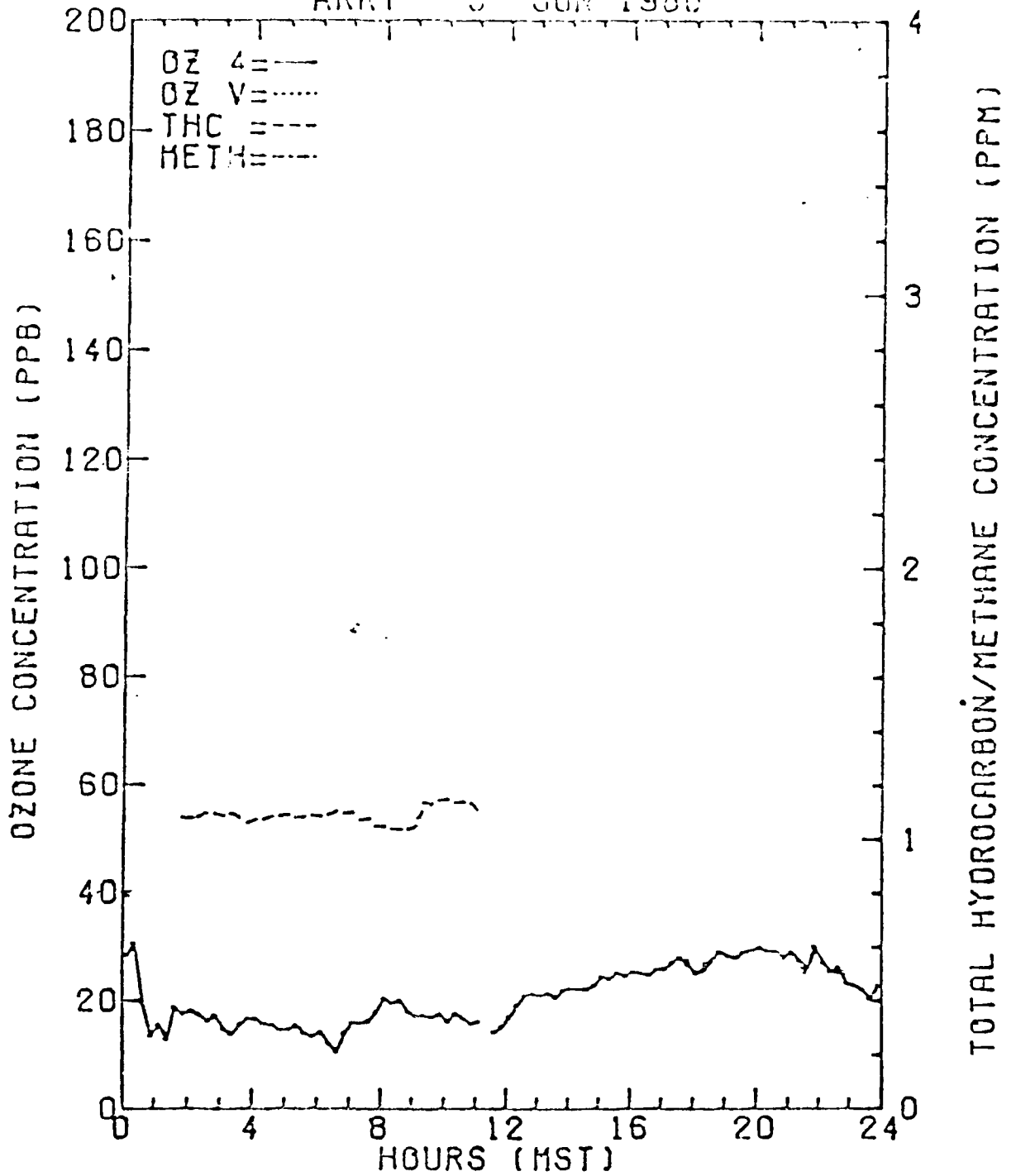


FIGURE A-1.35

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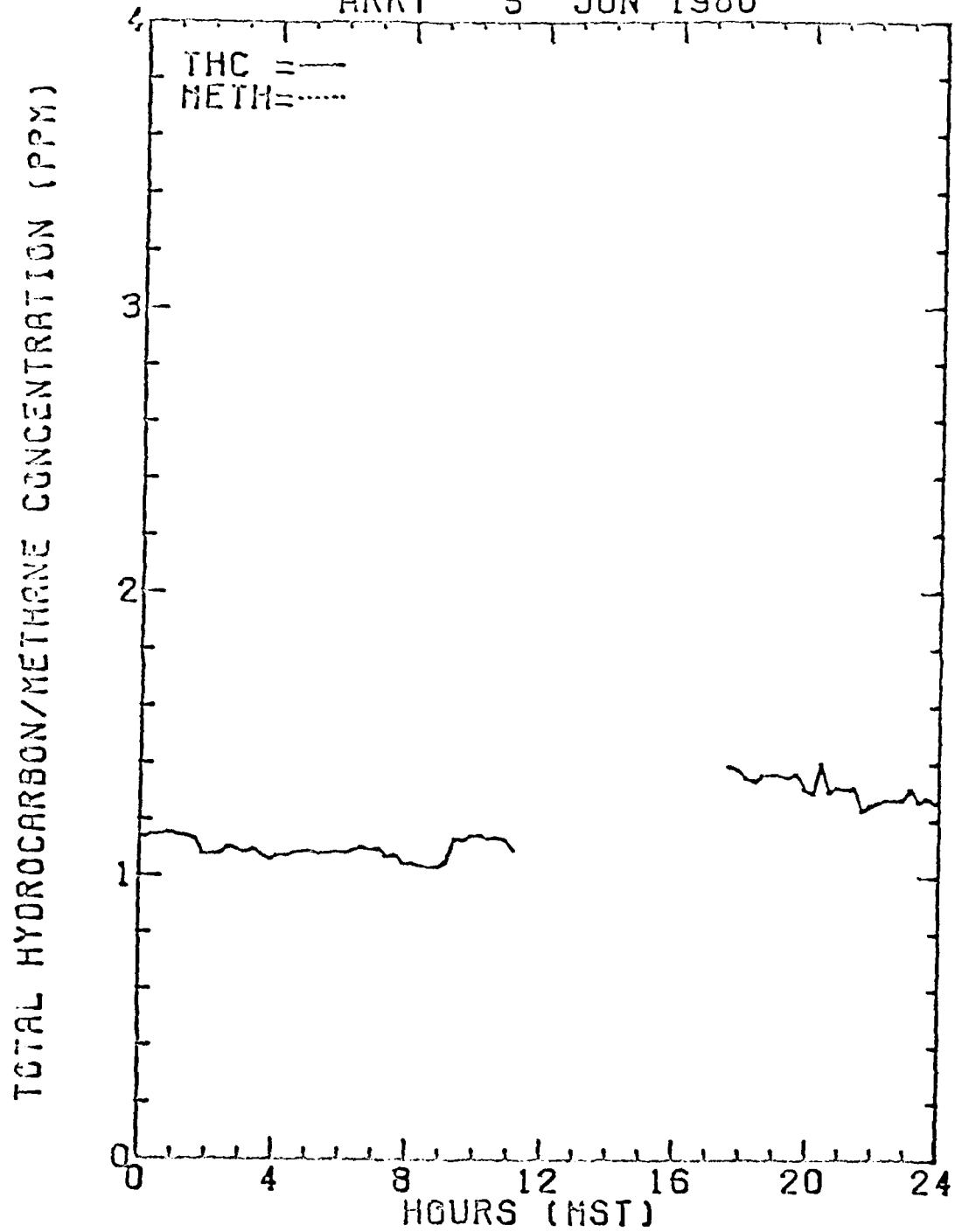


FIGURE A-1.36

ARKY 20 AUG 1980

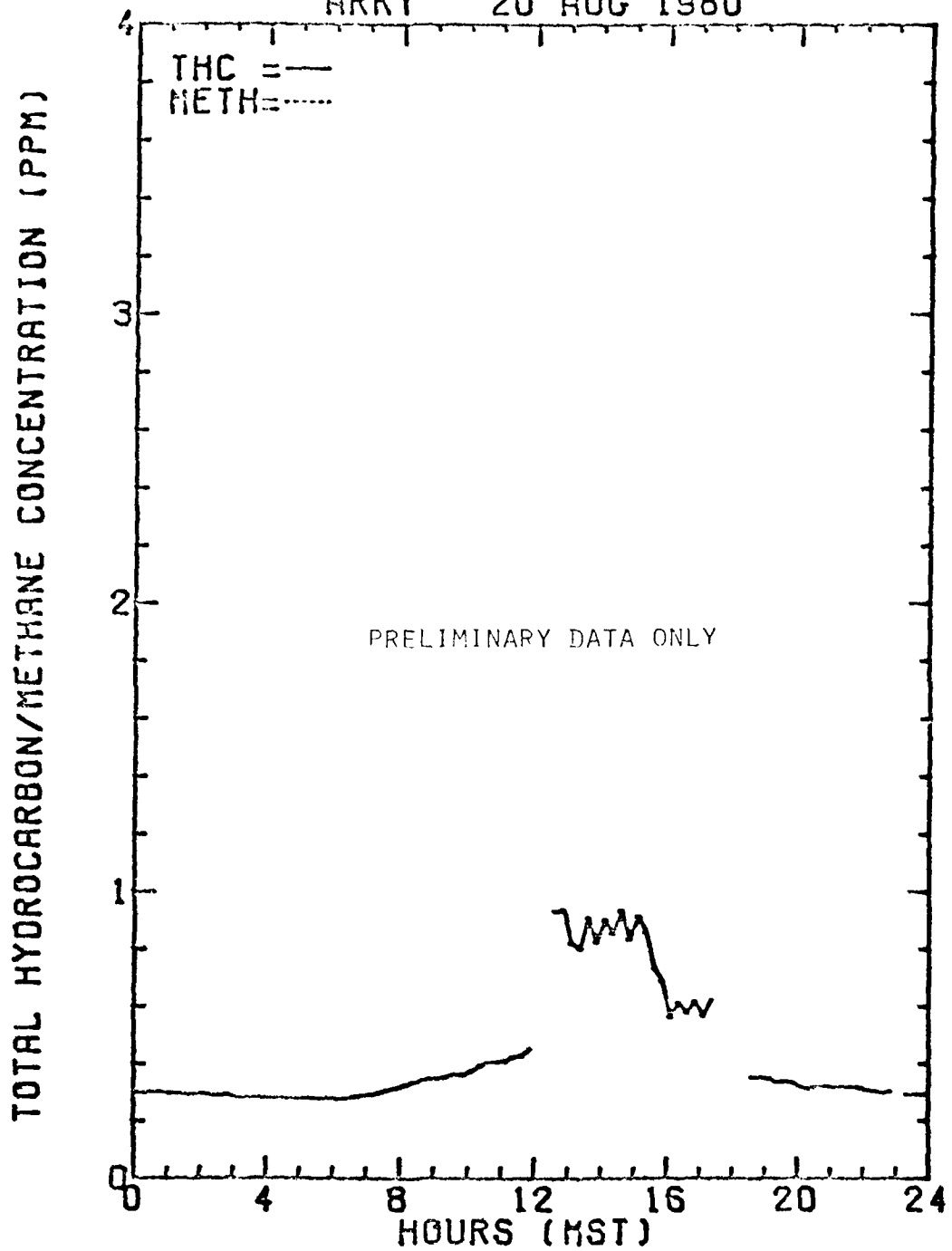


FIGURE A-1.37

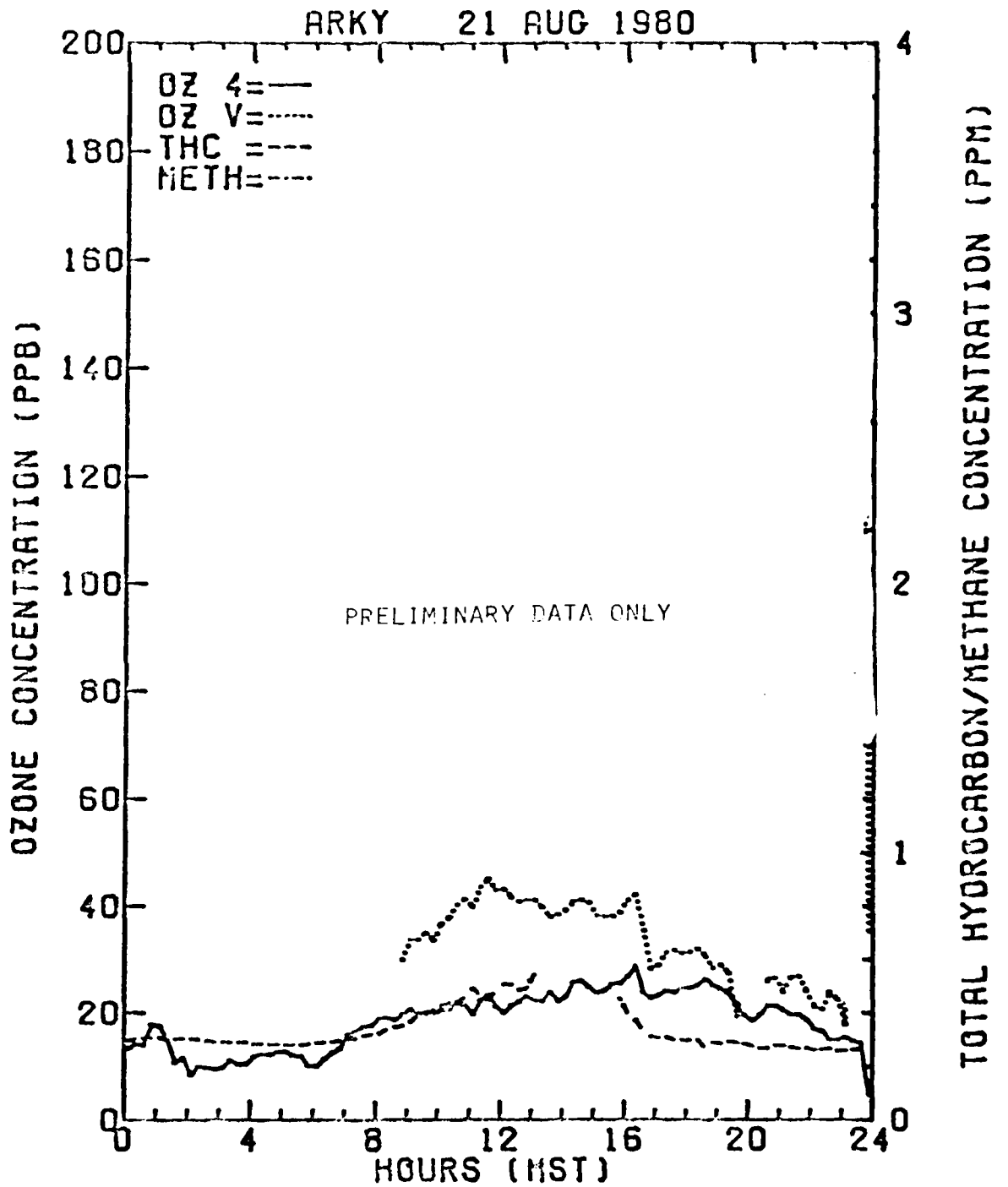


FIGURE A-1.38

ARKY 25 MAR 1980 (TOWER)

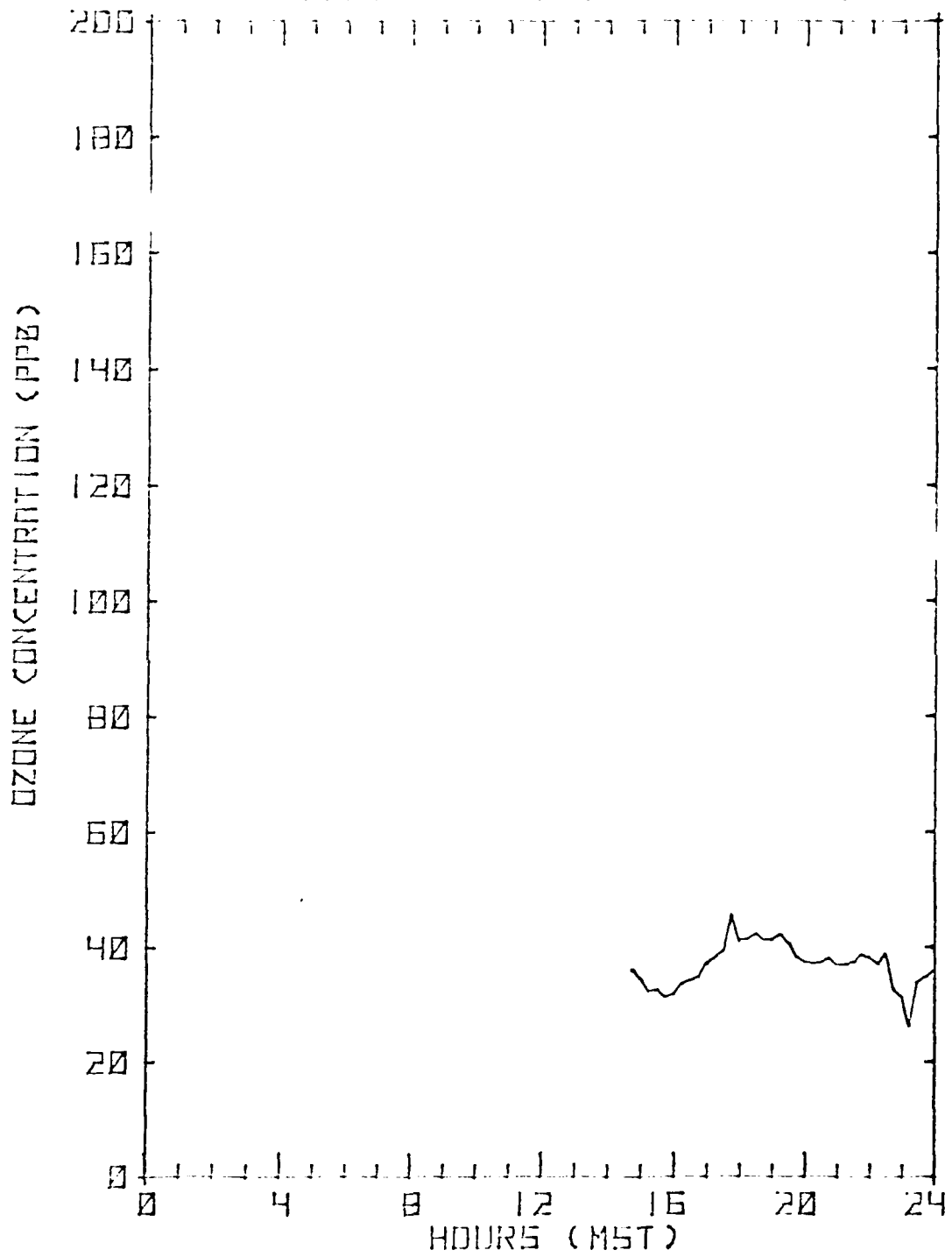


FIGURE A-1.39

ARKY 26 MAR 1980 (VAN)

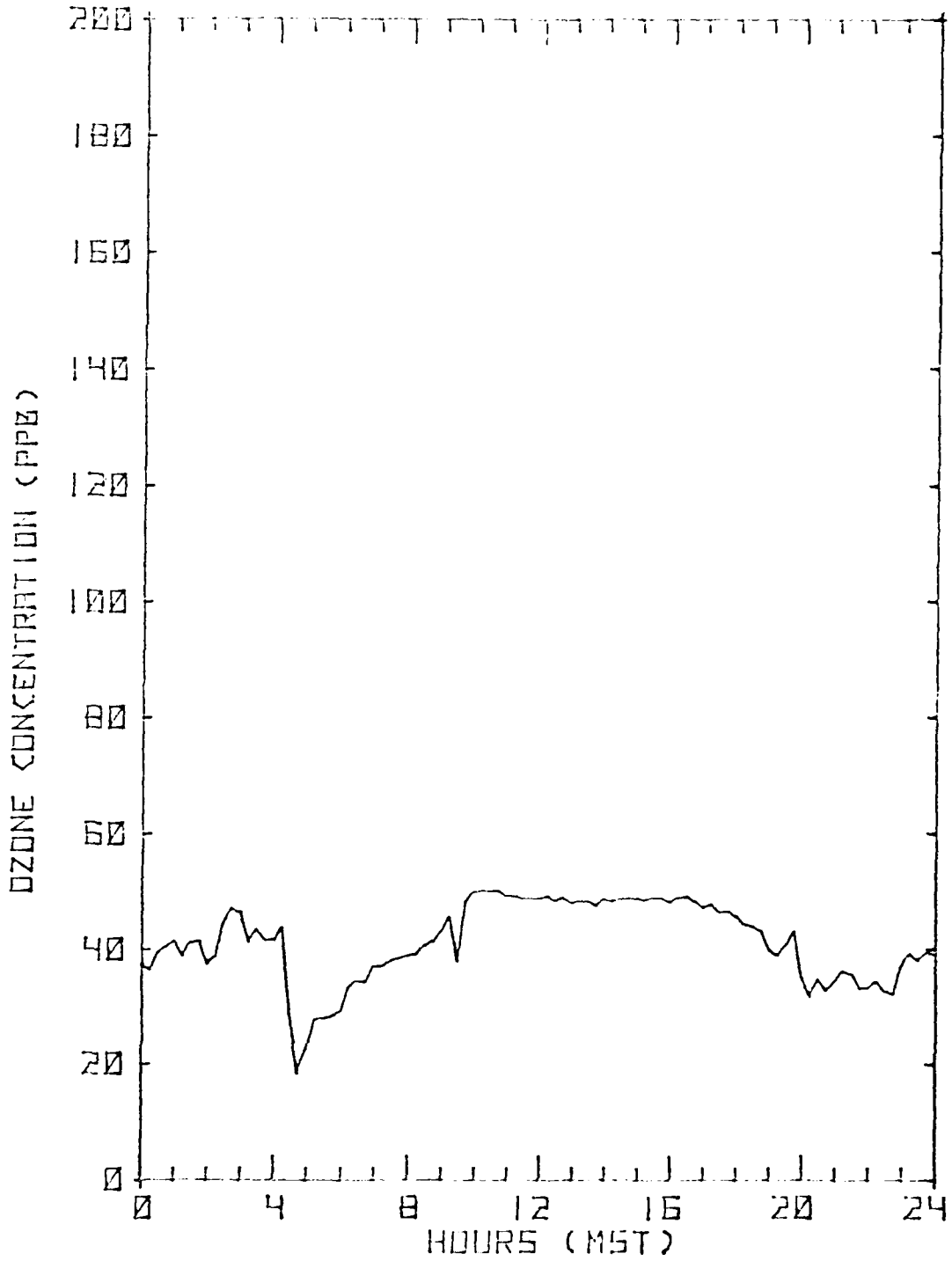


FIGURE A-1.40

ARKY 25 MAR 1980 (TOWER)

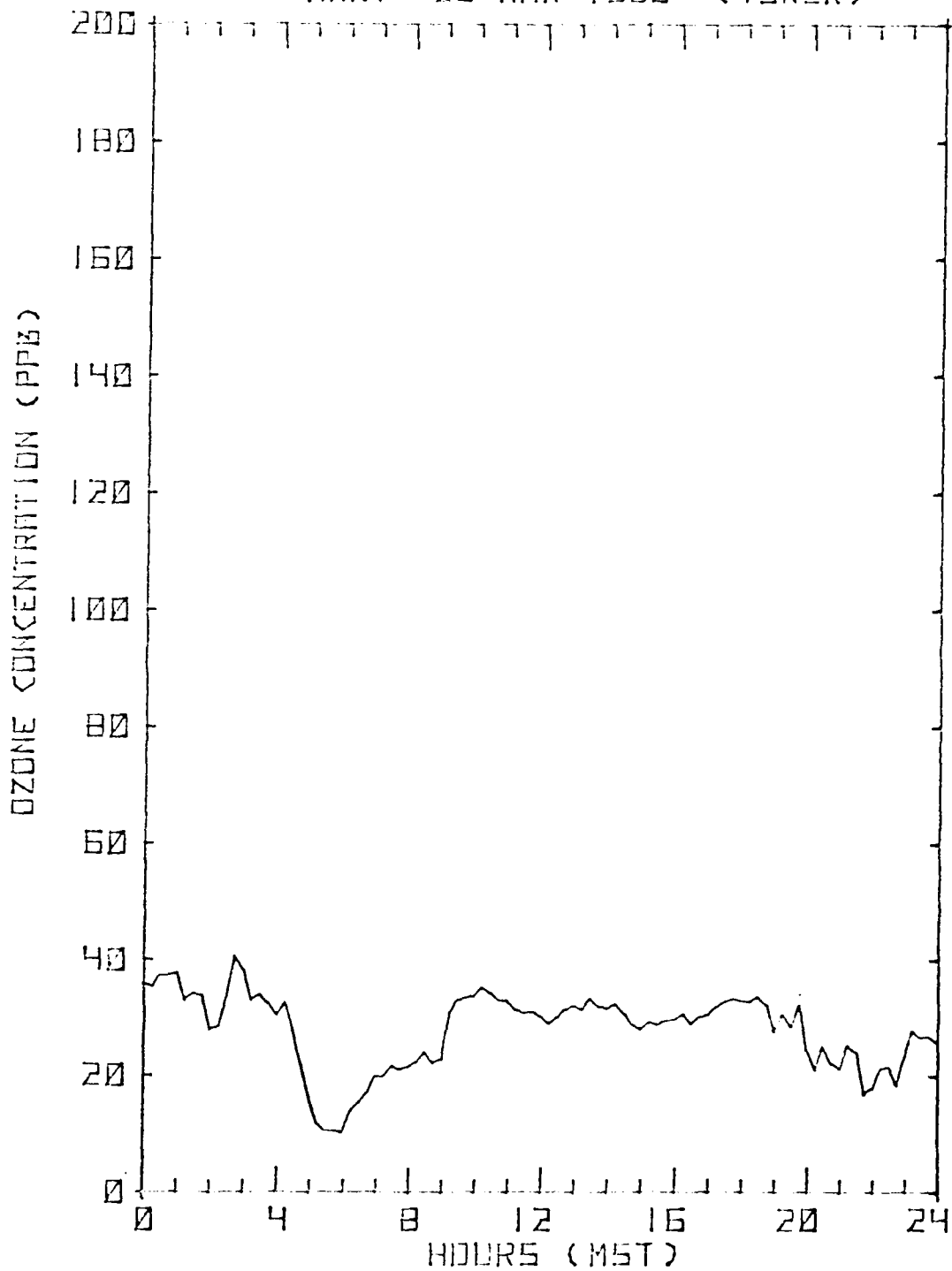


FIGURE A-1.41

RRKY 27 MAR 1980 (VAN)

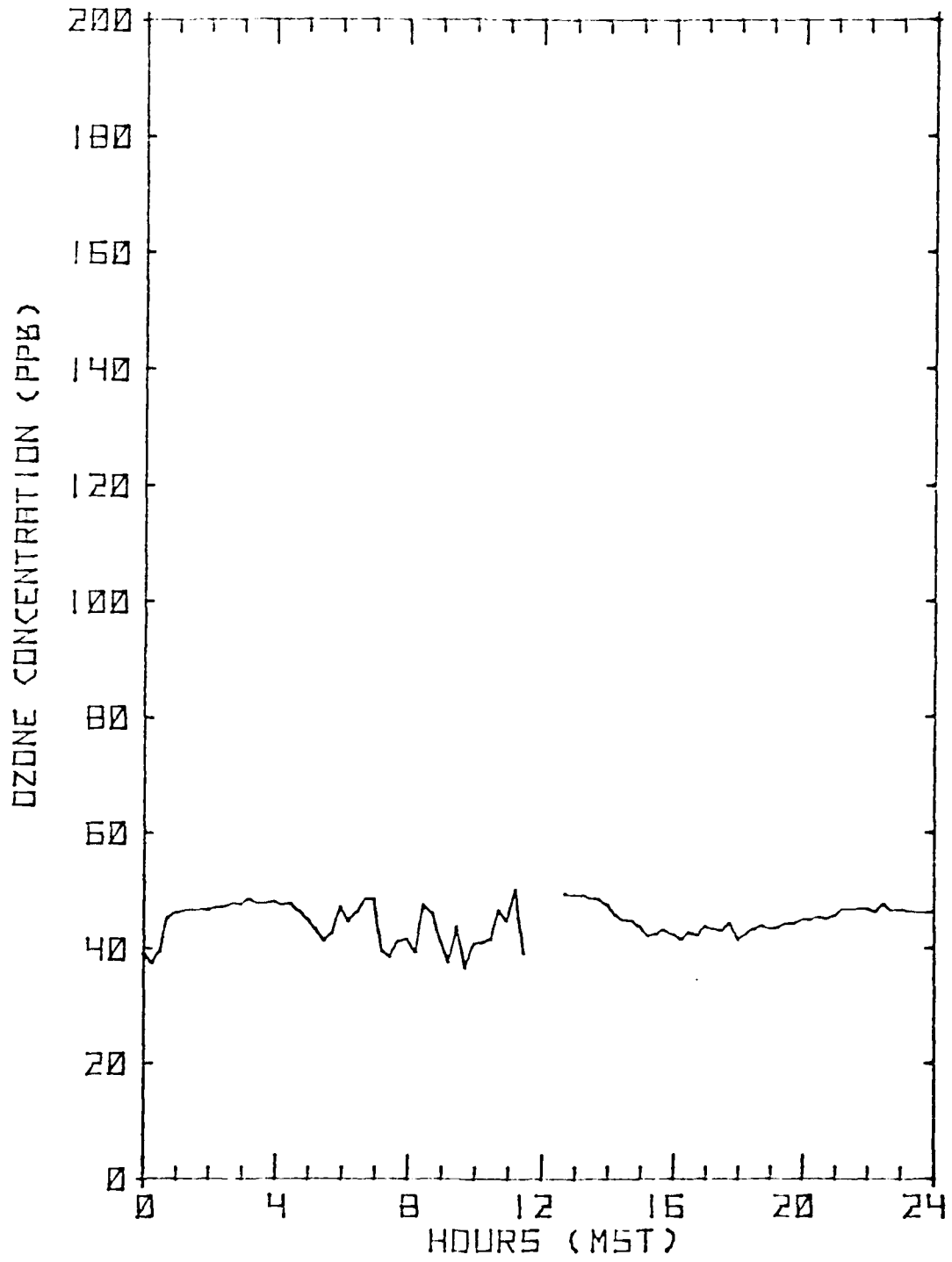


FIGURE A-1.42

ARKY 27 MAR 1980 (TOWER)

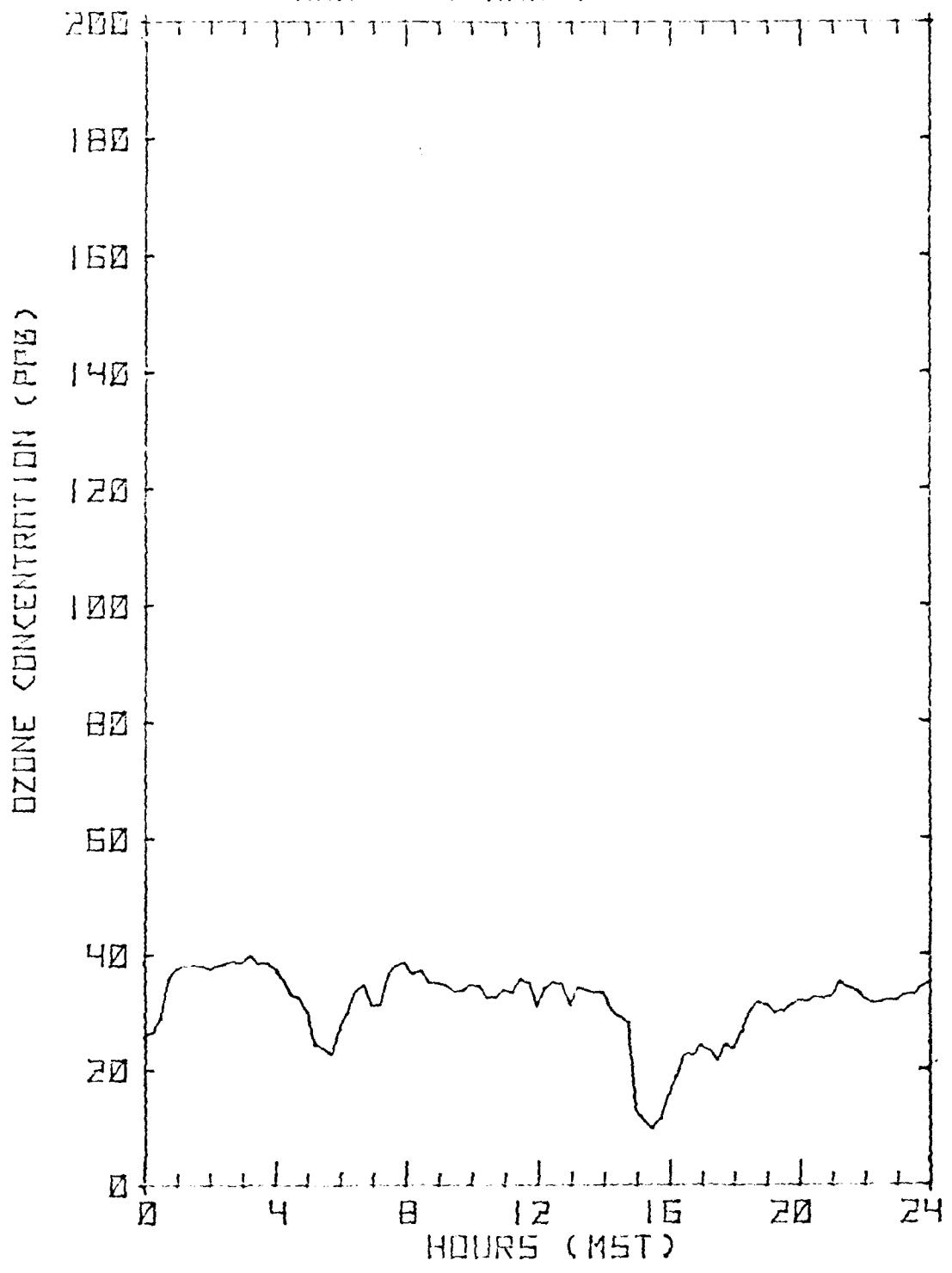


FIGURE A-1.43

ARKY 28 MAR 1980 (VAN)

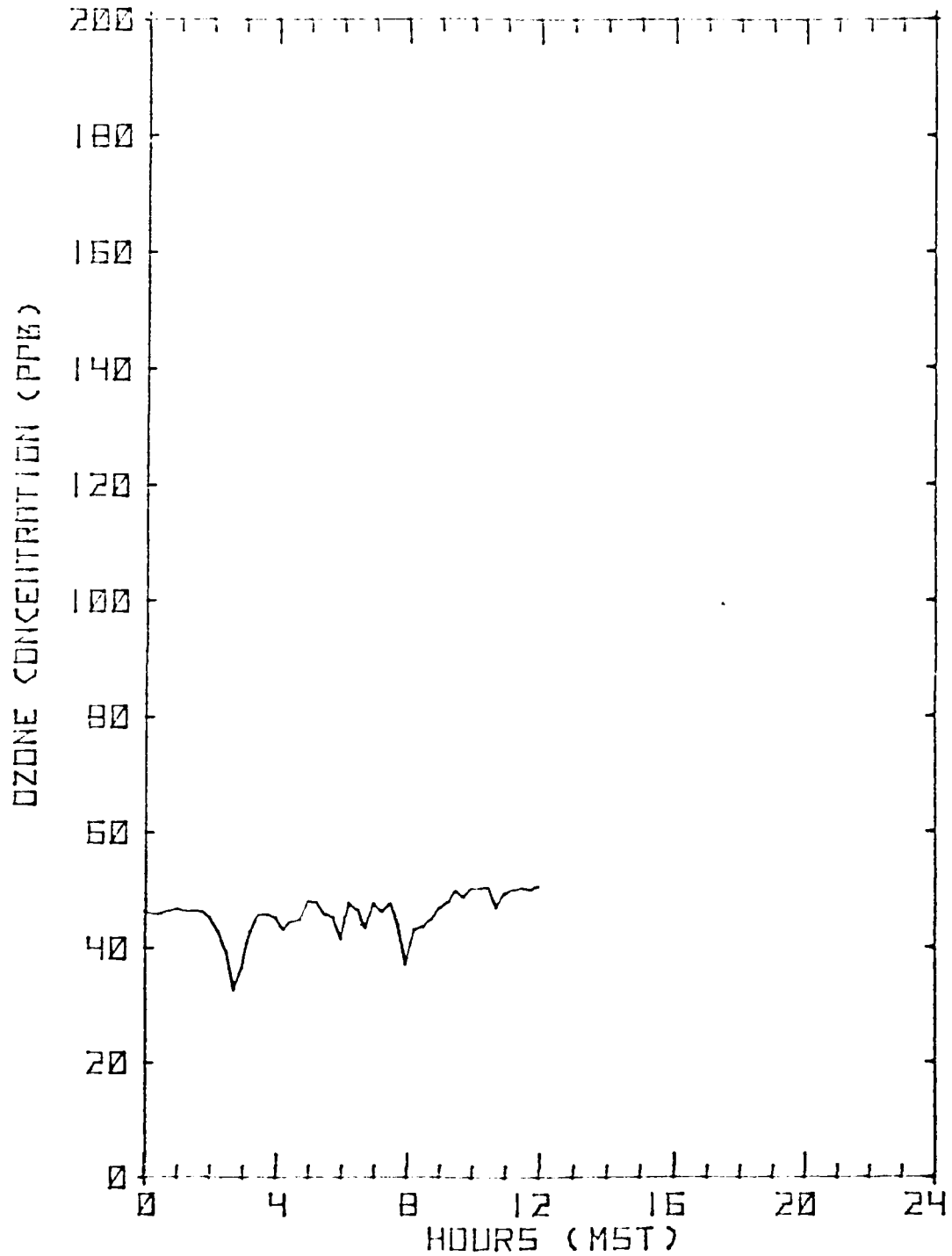


FIGURE A-1.44

HRKY 28 MAR 1980 (TOWER)

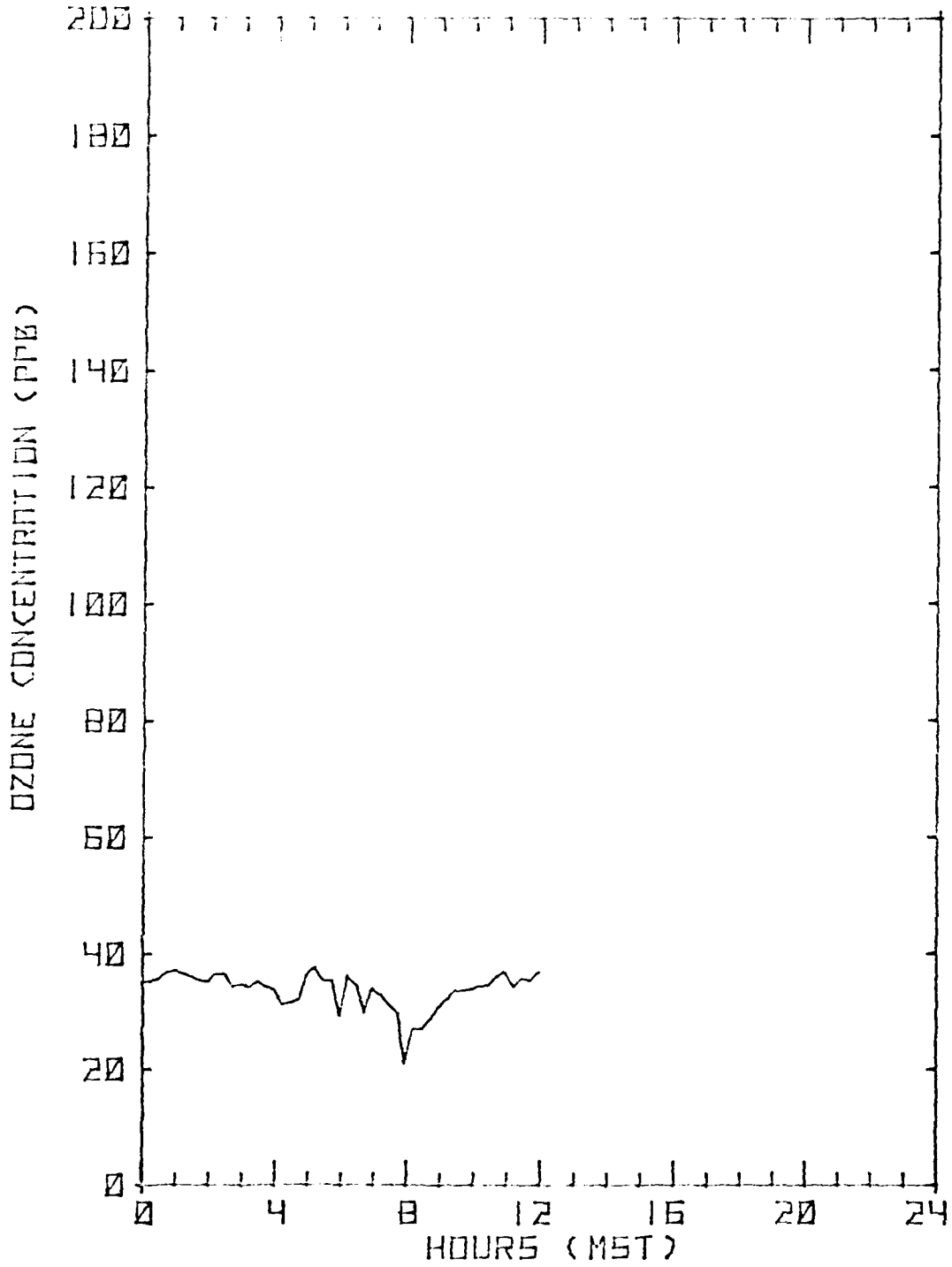


FIGURE A-1.45

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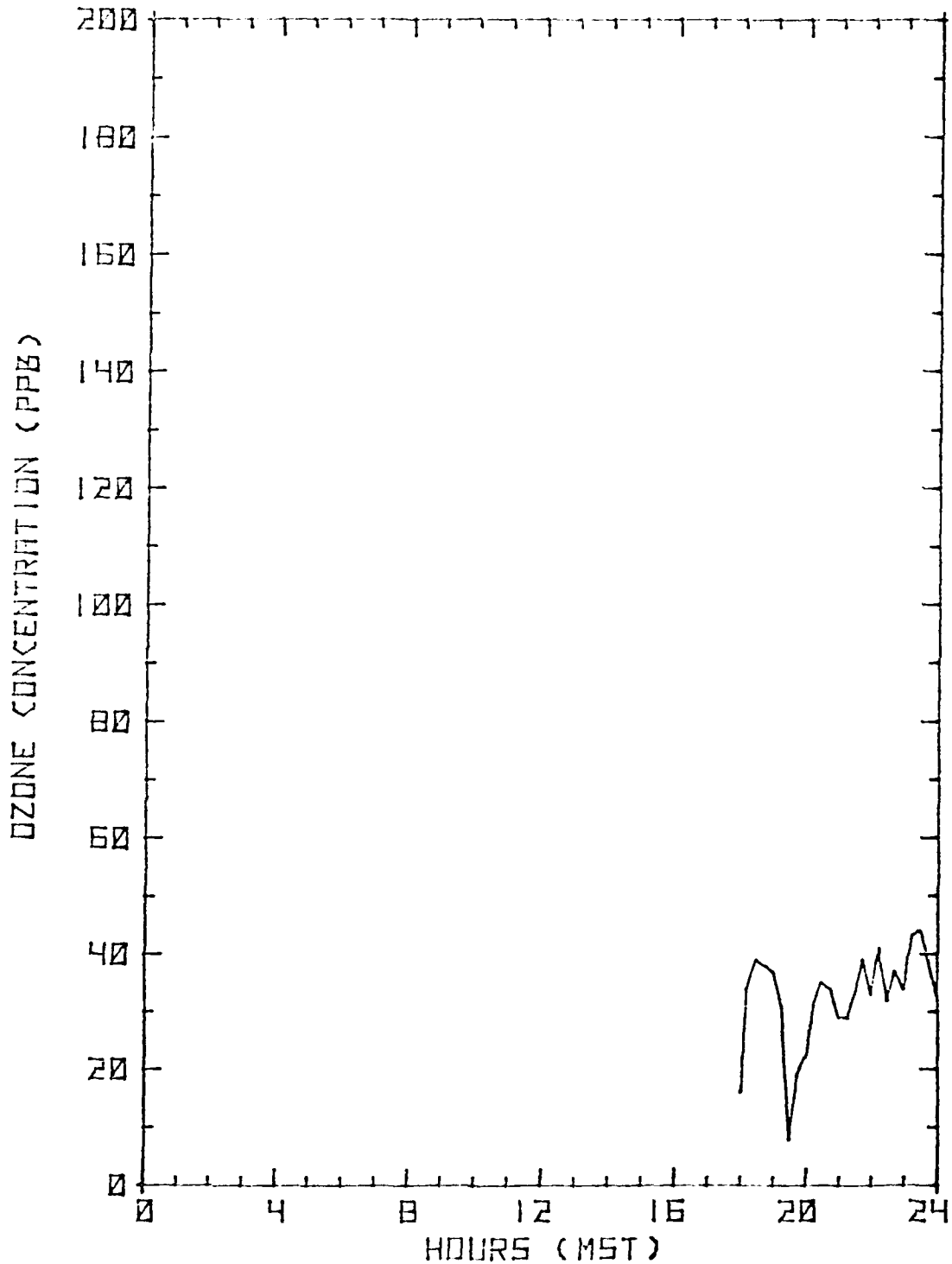


FIGURE A-1.46

ARKY 3 JUNE 1980 (VAN)

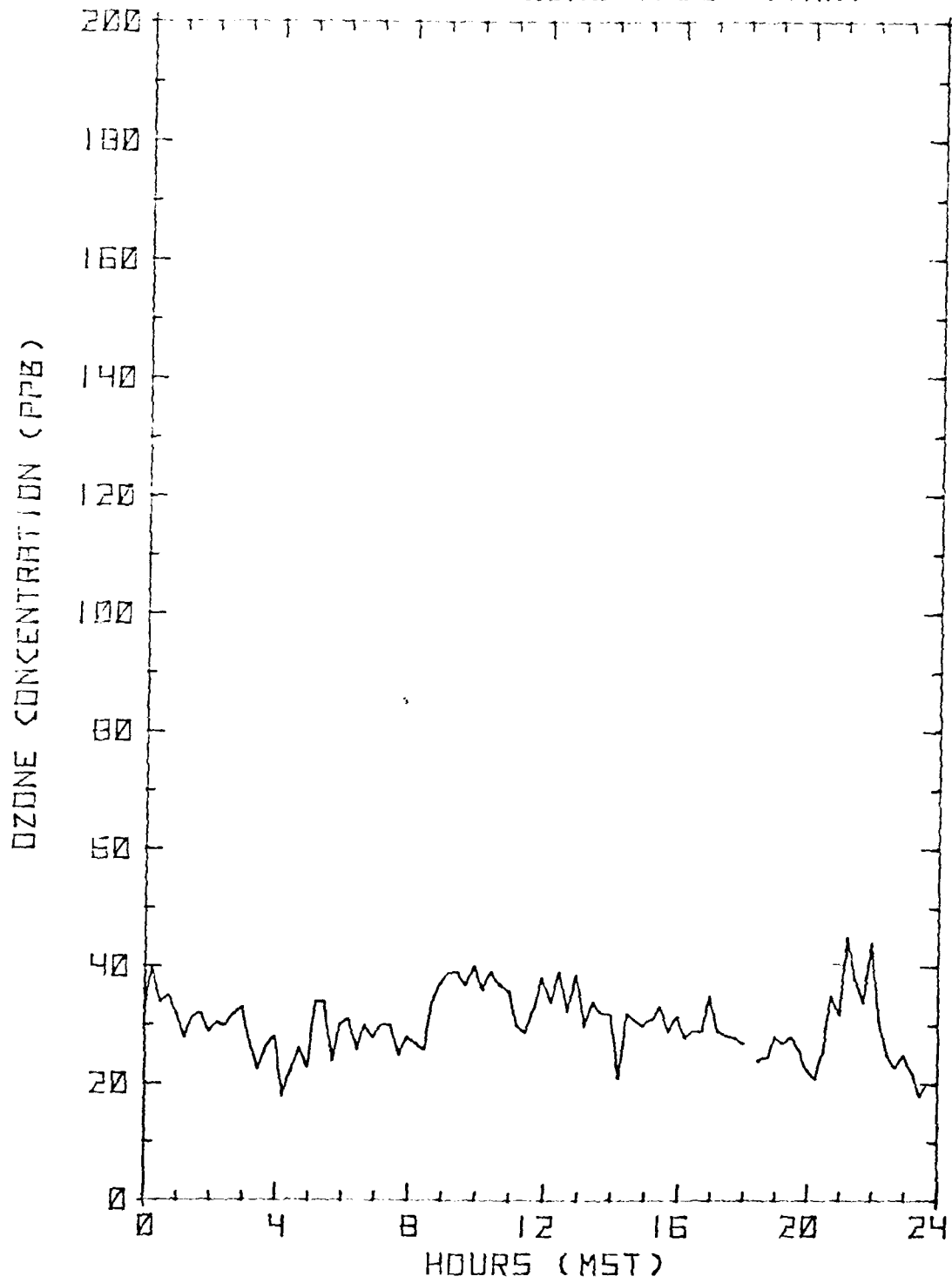


FIGURE A-1.47

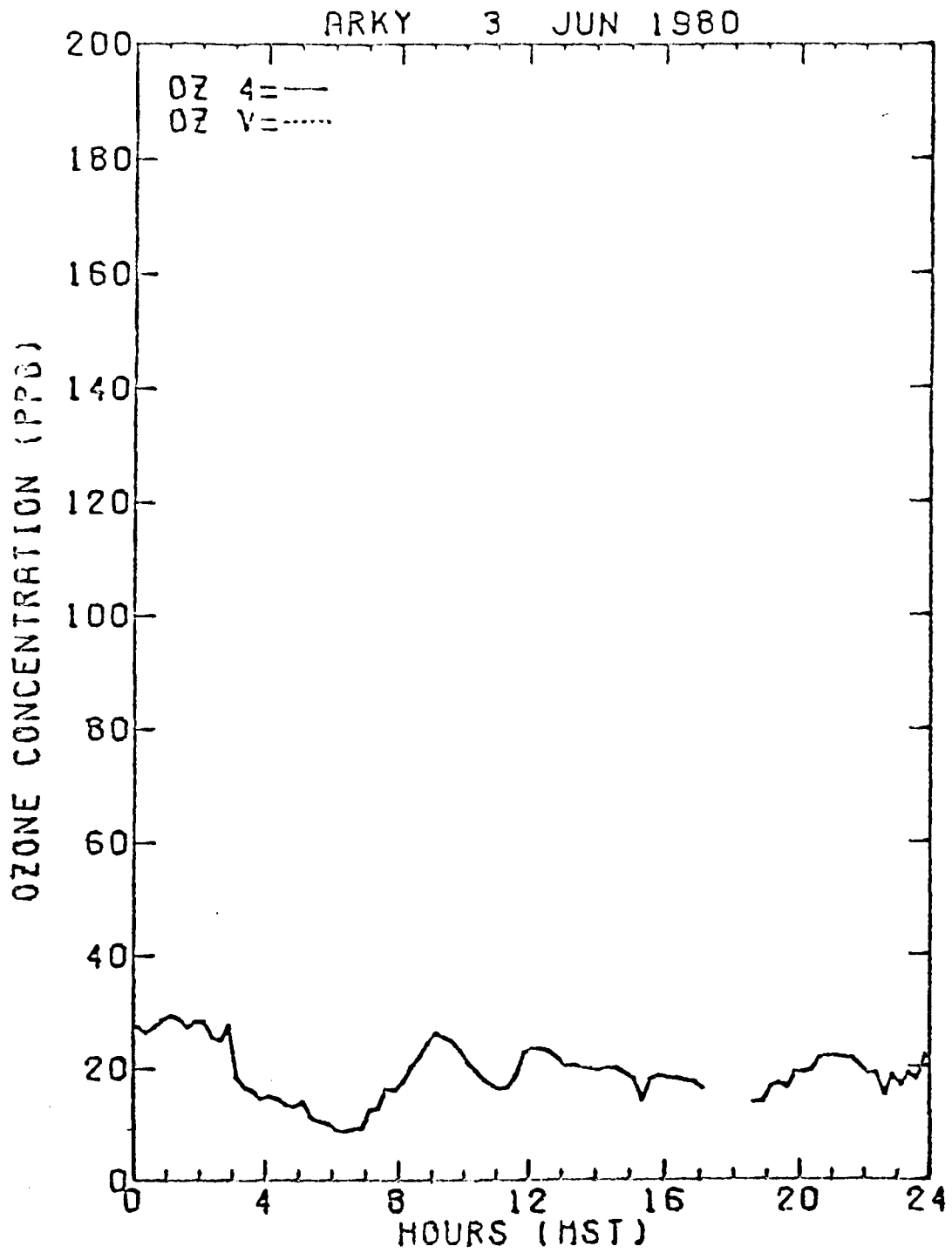


FIGURE A-1.48

RRKY 4 JUNE 1980 (VRN)

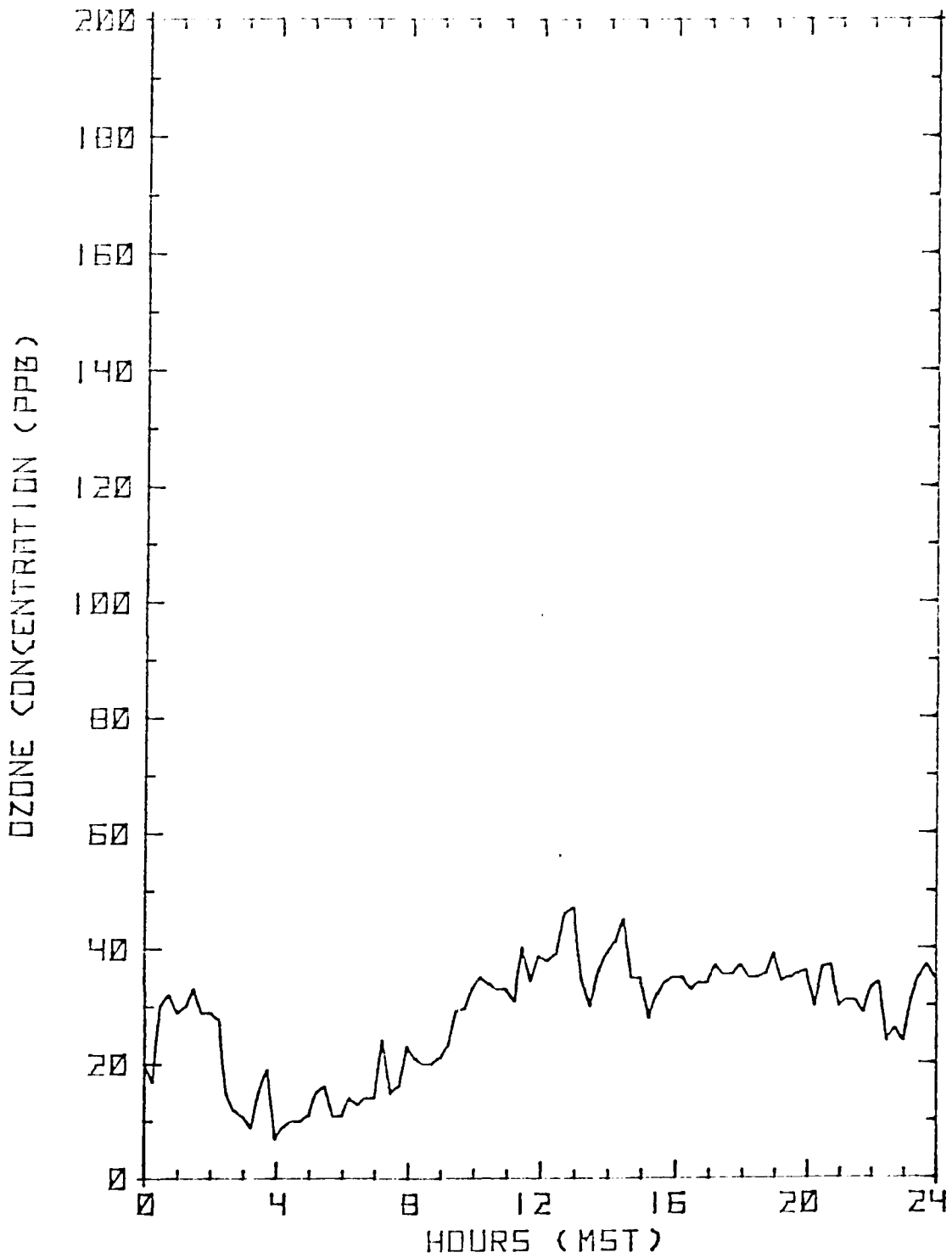


FIGURE A-1.49

ARKY 5 JUNE 1980 (VAN)

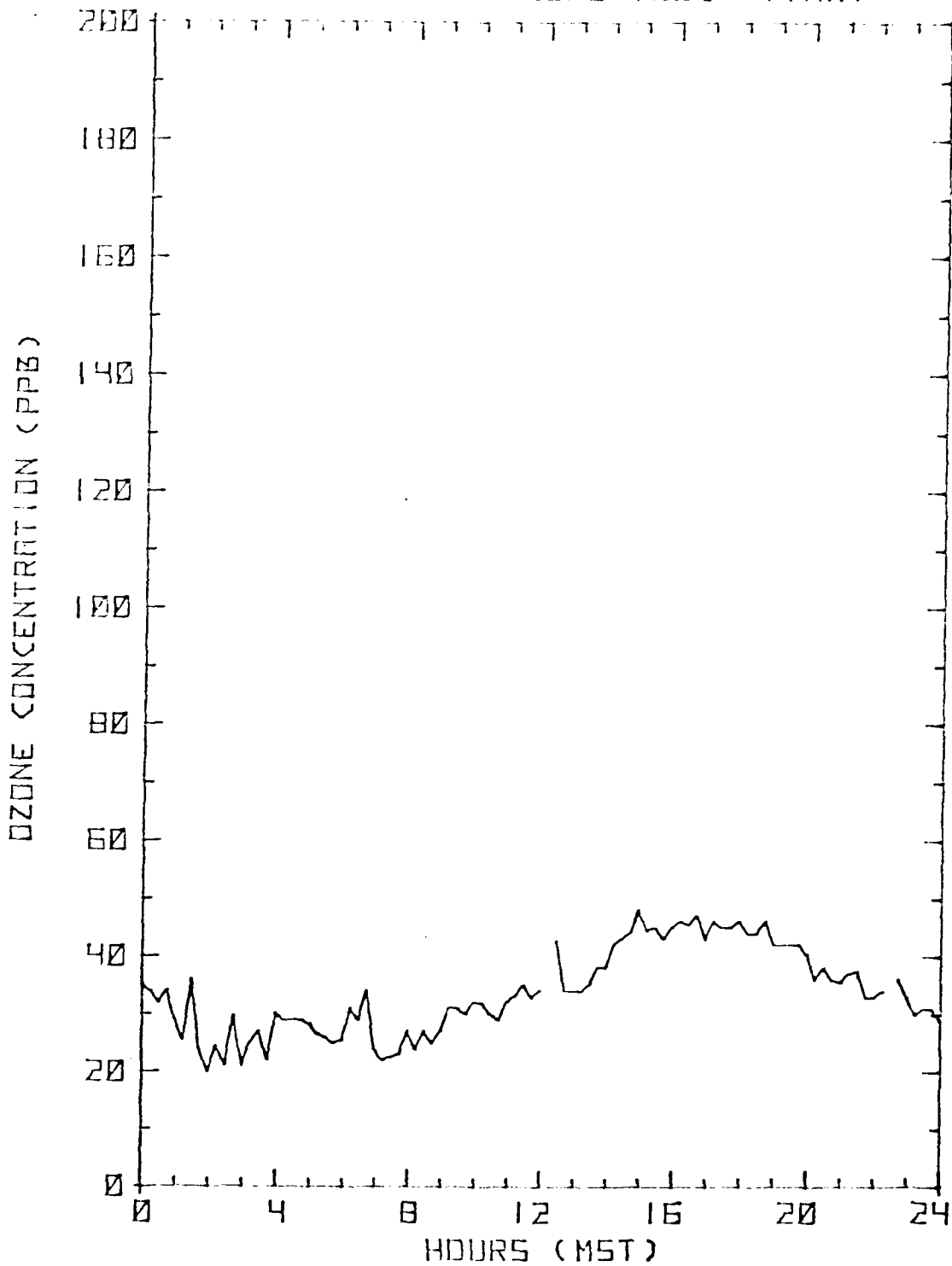


FIGURE A-1.50

RRKY 6 JUNE 1988 (VAN)

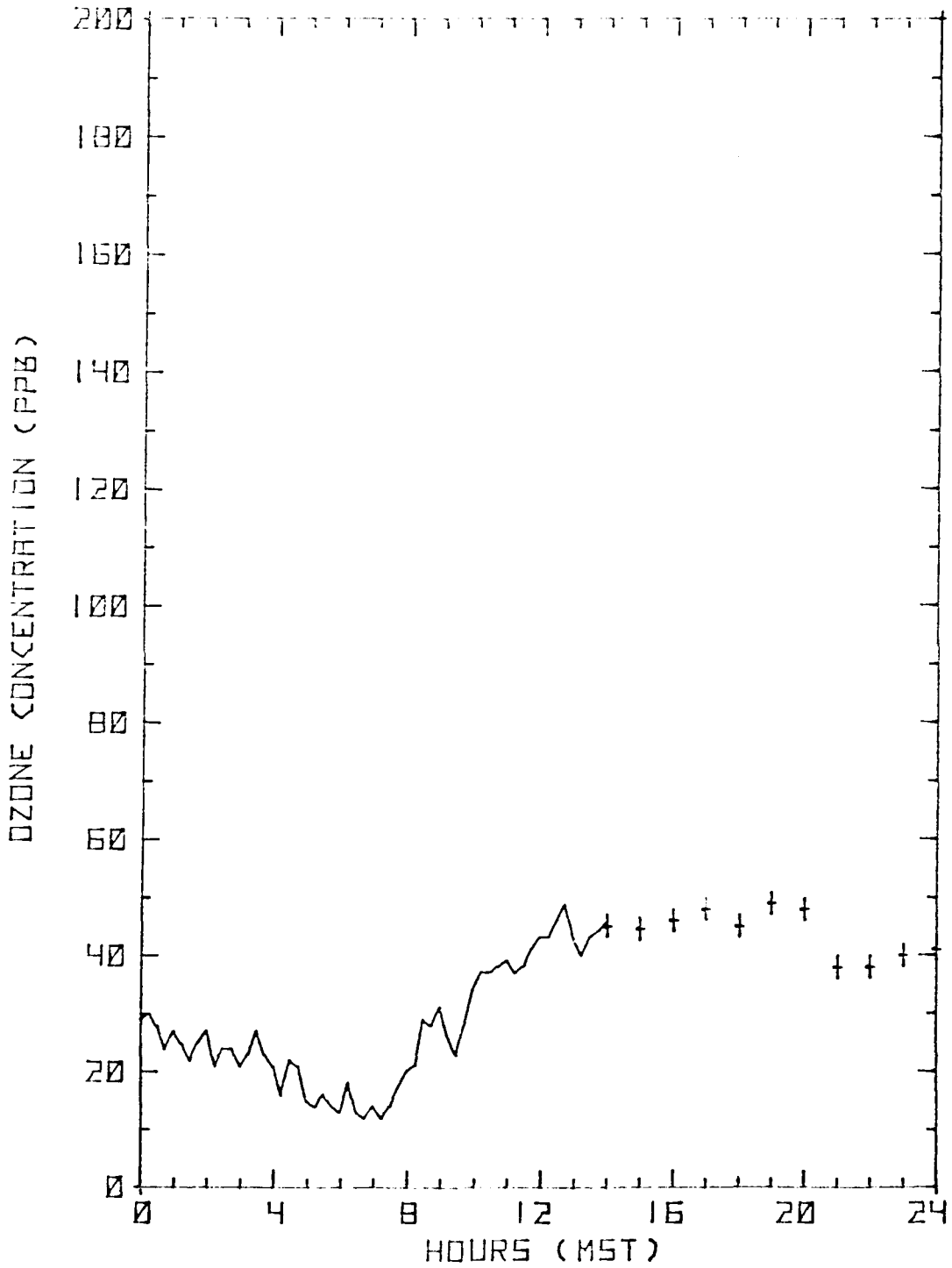


FIGURE A-1.51

RRKY 7 JUNE 1968 (VAN)

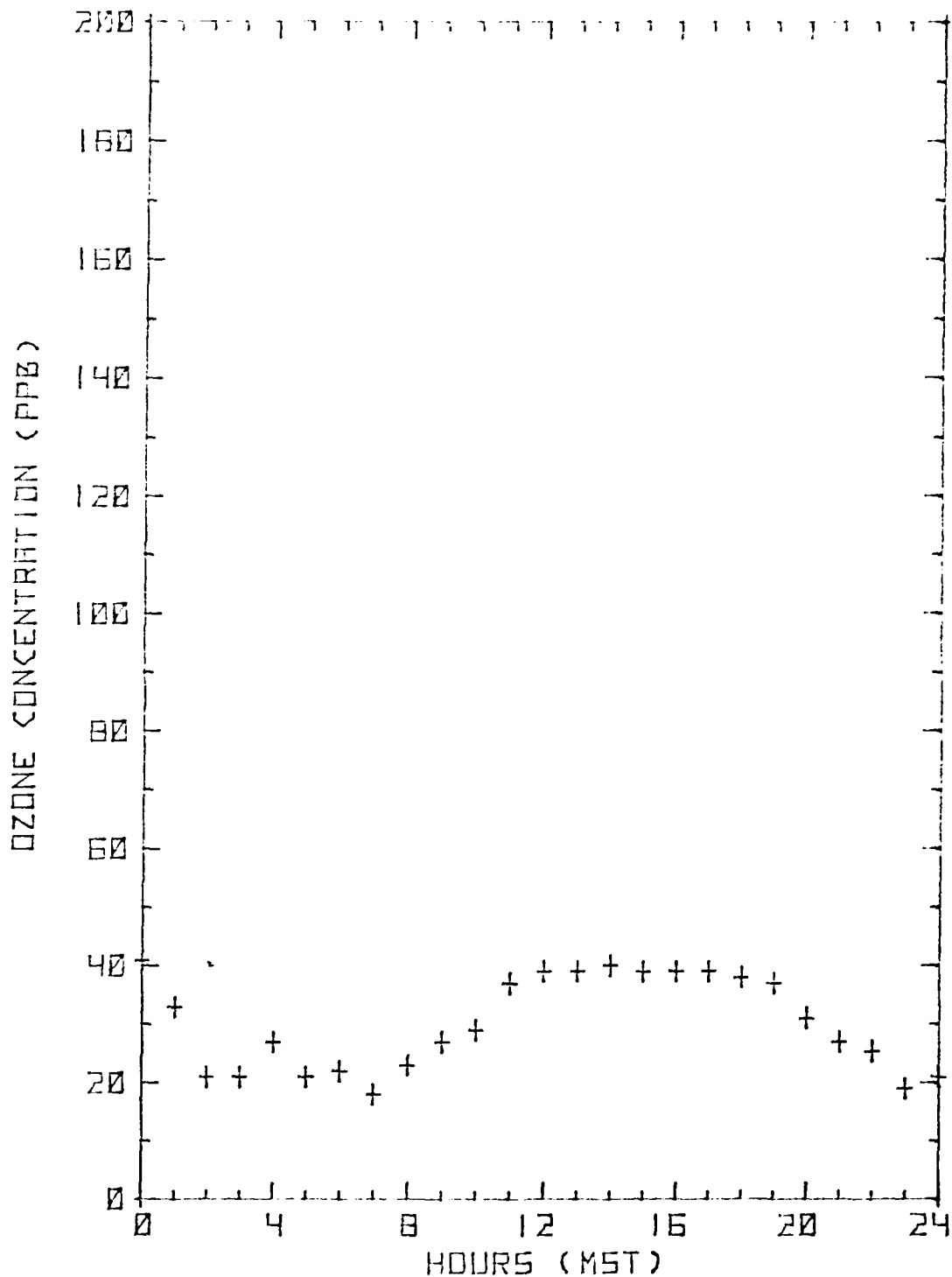


FIGURE A-1.52

RRKY 8 JUNE 1988 (VAN)

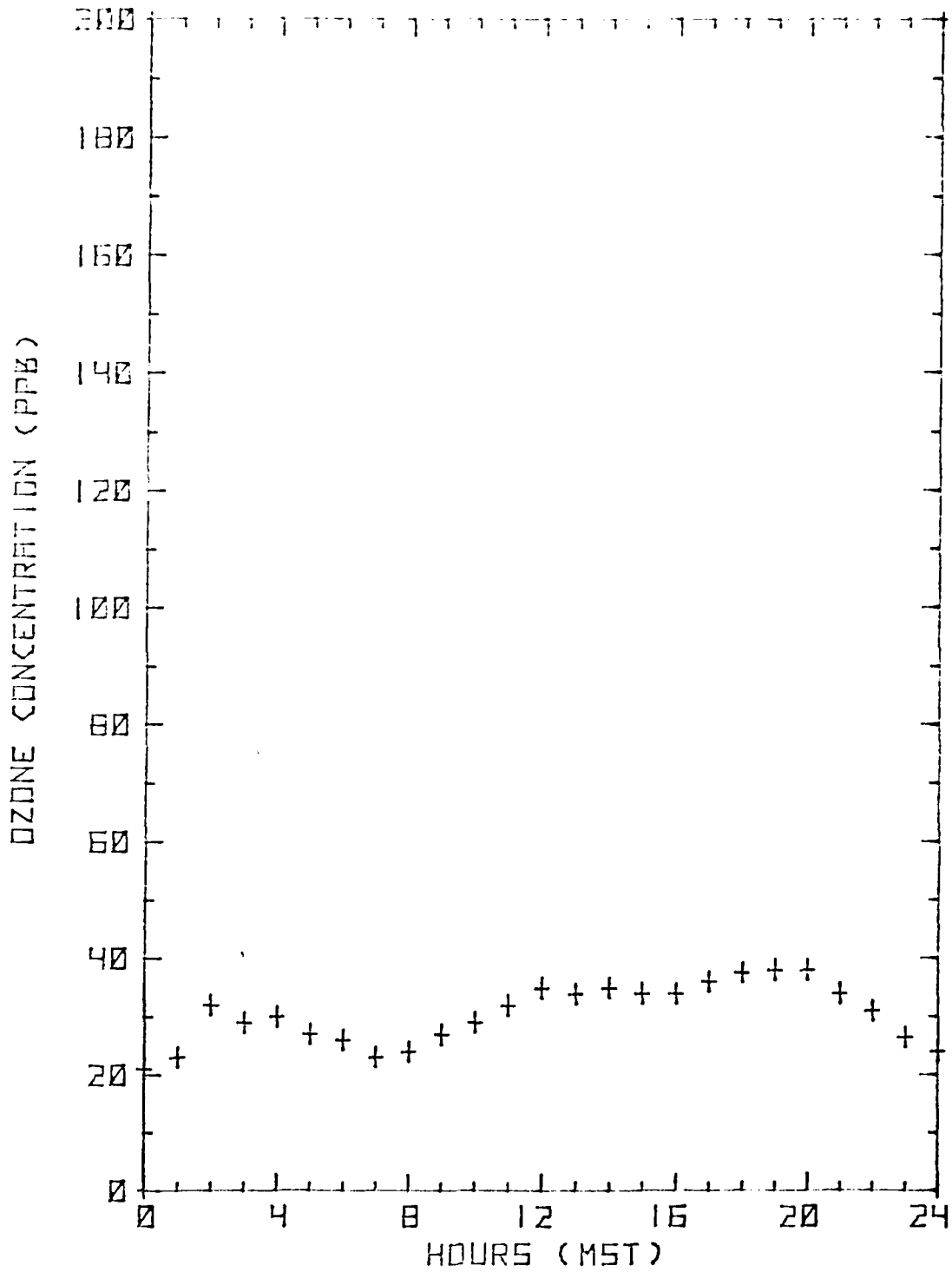


FIGURE A-1.53

BRKY 5 JUNE 1960 (VAN)

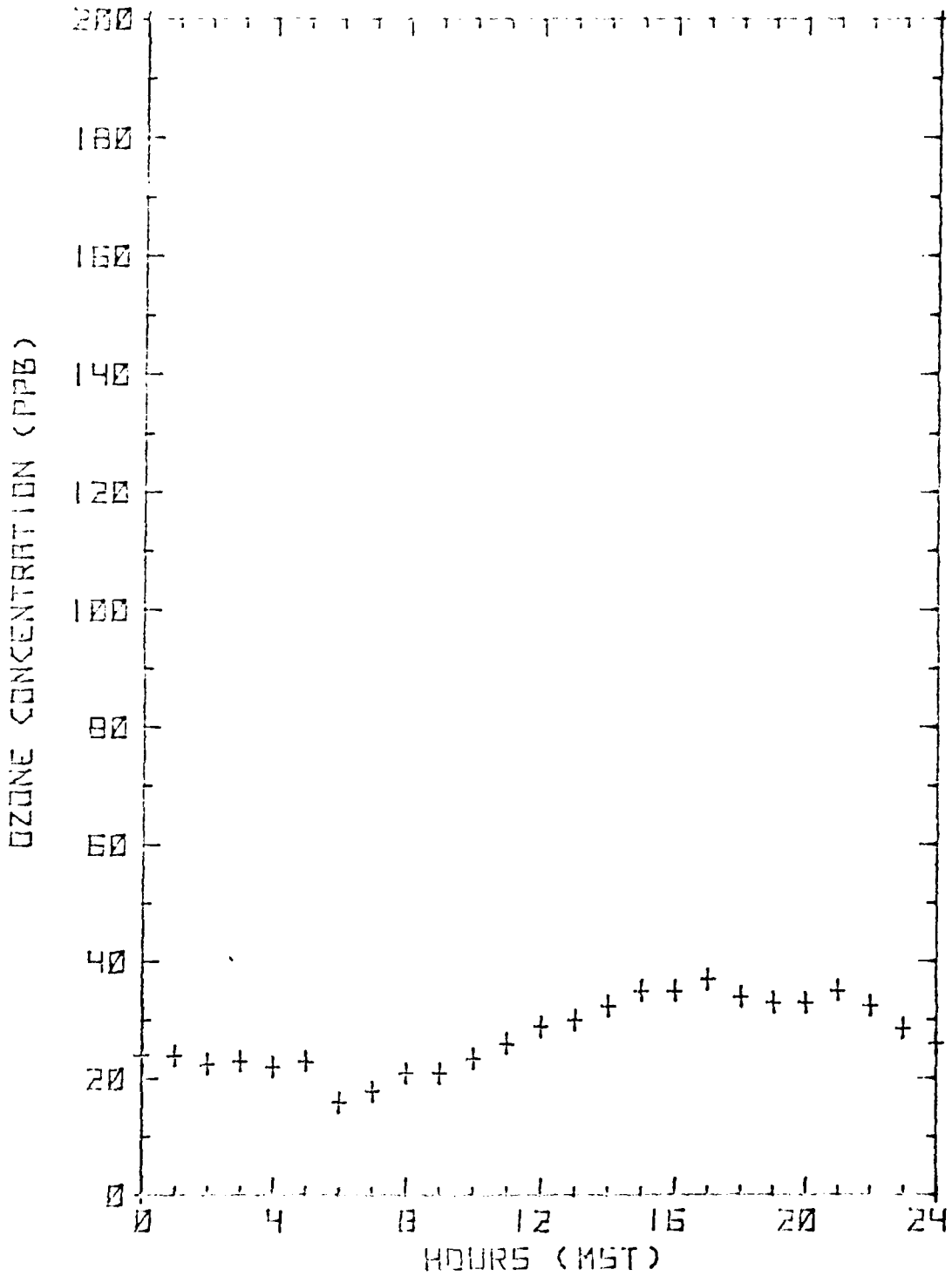


FIGURE A-1.54

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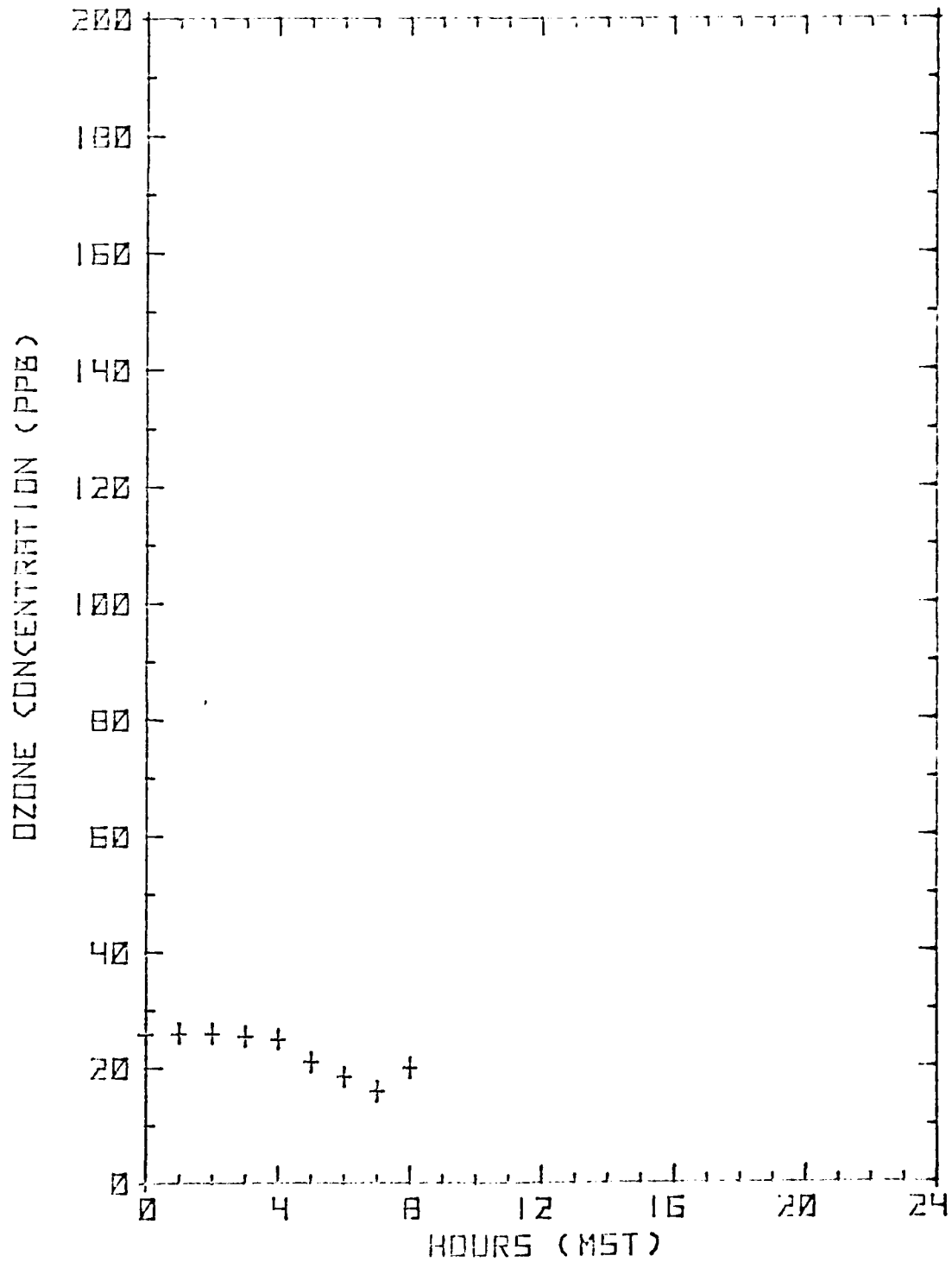


FIGURE A-1.55

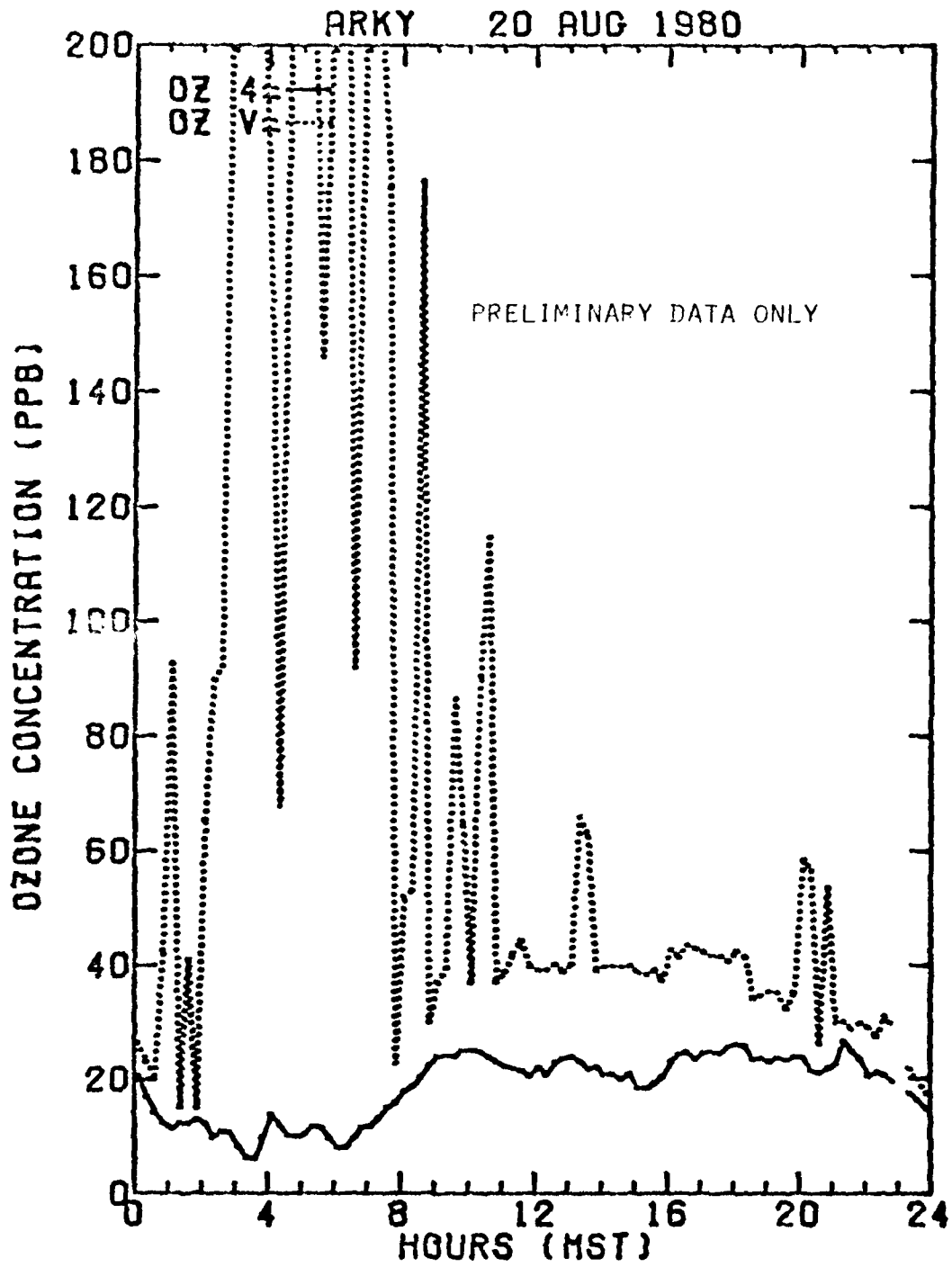


FIGURE A-1.56