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Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
SEMI-ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT
JANUARY 1, 1987 TO JUNE 30, 1987

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

ATTN: T. E. Murley

Dear Dr. Murley:

This letter transmits the Radioactive Effluent Release Report for the Donald C. Cook Nuclear Plant Units 1 and 2 for the period from January 1, 1987 to June 30, 1987. This report was prepared in accordance with Section 6.9.1.9 of the Plant's "Appendix A Technical Specifications".

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

M. P. Alexich
Vice President

edg

Enclosure

cc: John E. Dolan, w/o encl.
W. G. Smith, Jr. - Bridgman, w/encl.
George Bruchmann, w/encl.
R. C. Callen, w/encl.
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A. B. Davis, Region III Administrator, w/encl.

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Donald C. Cook Nuclear Plant • Units 1 & 2

Semi-Annual Radioactive Effluent Release Report

January 1, through June 30, 1987

Indiana & Michigan Electric Company
Bridgman, Michigan

Docket Nos. 50-315 & 50-316
License Nos. DPR-58 & DPR-74

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INTRODUCTION

This report discusses the radioactive discharges from Units 1 and 2 of the Donald C. Cook Nuclear Plant during the first half of 1987, according to Section 6.9.1.9 of "Appendix A" Technical Specifications for the Facility Operating License.

The table below summarizes the pertinent statistics concerning the plant's operation during the first half of 1987, and is based upon data taken from the Monthly Operating Reports from January to June, 1987.

	Unit 1 1st Half	Unit 2 1st Half
Gross Electrical Generation (MWH)	3,323,568	2,580,108
Unit Service Factor (%)	89.5	72.4
Unit Capacity Factor - MDC Net (%)	75.0	56.0

Unit 1 of the Donald C. Cook Nuclear Plant entered this reporting period (January 1, 1987 - June 30, 1987) in Mode 1 at 90% rated thermal power (RTP) and remained at 90% RTP until January 30, 1987, when power was reduced to 56% to allow the replacement of a section of the East Main Feed Pump Emergency Leak-Off Line. Reactor thermal power was returned to 90% on February 1, 1987, and remained at 90% until February 26, 1987 when power was reduced to 56% for vibration testing on the East Main Feed Pump. Upon completion of this testing, Unit 1 was again taken to 90% RTP on February 28, 1987. On March 7, 1987, Unit 1 was taken from 90% RTP to 57% RTP for main feedpump maintenance and from 57% RTP to 33% RTP on March 8, 1987, for repairs of leaking joint between the 1st stage drain on this high pressure turbine, and the 2nd stage extraction. Upon completion of repairs, Unit 1 was taken to 90% RTP where it remained until March 31, 1987, when it was taken to 98+% power due to placement of the unit on operation reserve. Unit 1 was eventually taken to 100% RTP on April 1, 1987, and remained at this power level until April 3, 1987, when the unit underwent a power reduction to 90% which was completed on April 5, 1987. On March 7, 1987, excessive RCS leakrate was noted on Unit 1 with the declaration of an Unusual Event on March 8, 1987, due to high primary leakage. Coincidental with the declaration of an Unusual Event, Unit 1 began a power reduction with the unit subsequently entering Mode 4 later that day. Following repairs, Unit 1 was restarted and achieved criticality on April 21, 1987, and subsequently reached 90% RTP on April 25, 1987. Unit 1

remained at 90% RTP until June 4, 1987, except for two occasions when power was increased to 100% for the Volumetric Flow Test on May 6-8, 1987, and when power was reduced to 79.5% for the period of May 10-26, 1987, due to secondary chemistry problems. On June 4, 1987, Unit 1 tripped from 90% RTP and was subsequently restarted on June 5, 1987, at a power level of 51%. Power was increased to 90% RTP on June 8, 1987. Unit 1 remained at 90% power until June 15, 1987, when the unit was taken to 100% for two (2) days. From 100% RTP, the unit began to coastdown until June 23, 1987, when 80% power was reached. The unit remained at 80% RTP until June 26, 1987, when a power reduction was initiated. Unit 1 subsequently went subcritical on June 27, 1987, and entered Mode 5 on June 29, 1987. The reporting period ended with Unit 1 in Mode 5 beginning the cycle 9-10 refueling outage.

The D. C. Cook Nuclear Plant Unit 2 entered the reporting period (January 1, 1987 - June 30, 1987) in Mode 1 at 80% RTP and remained at this power level until March 3, 1987, when the unit was shutdown because of increasing primary to secondary leakage. Unit 2 entered Mode 5 on March 4, 1987, and remained in Mode 5 until April 12, 1987, for plugging of several steam generator tubes. Unit 2 was subsequently taken critical on April 21, 1987, and reached 33% power on April 21, 1987; 56% on April 25, 1987; and 80% on April 29, 1987. Unit 2 remained at 80% RTP until June 1, 1987, except for two occasions when the unit was taken to 90% for operating reserve on May 29-30, 1987, and June 1, 1987. Late on June 1, 1987, Unit 2 tripped due to a loss of condenser vacuum. On June 2, 1987, Unit 2 was taken critical and subsequently tripped due to low-low #3 steam generator level while the control were in manual. On June 3, 1987, Unit 2 was again taken critical and reached 80% RTP later that day. Unit 2 remained at 80% power until June 15, 1987, when a Technical Specification required shutdown was initiated. The shutdown was terminated upon leaving the Technical Specification Action Item at a power level of 78.5%. The unit was returned to 80% RTP on June 16, 1987, and remained at this power level until June 27, 1987. From June 27, 1987, to June 29, 1987, Unit 2 was operated at 55% power to facilitate condenser cleaning. Following completion of the condenser cleaning, the unit was taken to 80% power were it remained throughout the rest of the reporting period.

RADIOACTIVE RELEASES

Since a number of release points are common to both Units, the release data from both Units were combined to form this two-Unit, Semi-Annual Radioactive Release Report. Appendix 1 presents this information in accordance with Section 6.9.1.9 of Appendix A to the Facility Operating License (Environmental Technical Specifications). As in reports preceding this one, the effluents were well within the limits set forth in the Technical Specifications and Appendix I to 10CFR Part 50.

III. RADIOLOGICAL IMPACT ON MAN

Maximum individual doses were calculated using the measured effluents and meteorological data given in Appendices 1 and 2 of this report, respectively.

Liquid Releases:

The liquid releases consisted of 59 Batch releases in the first quarter and 63 Batch releases in the second quarter of 1987. These releases were treated as continuous releases for the purpose of dose calculations. The estimated doses in millirems to individuals from the liquid pathways are given in Appendices 1.2 and 1.3.

Gaseous Releases:

The gaseous releases consisted of 12 Batch releases in the first quarter and 1 Batch release in the second quarter of 1987. Doses were estimated for the Batch and continuous releases during each of the two quarters using the measured meteorological data at the time of the releases. The estimated doses in millirems to individuals through the gaseous pathways are listed in Appendices 1.2 and 1.3.

IV. METEOROLOGICAL DATA

Appendices 2.1 and 2.2 contain the cumulative joint-frequency distribution of wind speed and wind direction corresponding to various atmospheric stability classes for both the first and second quarters. The meteorological conditions during the first six months of 1987 are also furnished in Appendix 2.3.

D. PROCESS CONTROL PROGRAM (PCP) CHANGES

The Radioactive Waste Process Control Manual 12 PMP 3150.PCP.001, Rev. 6, was changed during the report period and this change is included as Revision 7 which is included in Appendix 3 to this document. The reasons for the change and PNSRC approval is documented on the procedure change sheet. These changes did not reduce the overall conformance of the solidified waste product to existing criteria for solid waste.

In the previous Semi-Annual Radioactive Effluent Release Report for the period July 1 - December 31, 1986, we inadvertently failed to include information on the operation of Westinghouse Hittman Supercompactor and the installation of a liquid radwaste demineralization system. The supercompactor was used to further compact dry active waste prior to shipment and disposal. The demineralization system was installed to process radioactive waste water in a continuing effort to reduce the volume of solid radioactive waste generated by the Cook Plant. During the current reporting period the supercompactor has not been used while we continue to use the demineralization system to process liquid radioactive waste.

E. OFFSITE DOSE CALCULATION MANUAL CHANGES

The Offsite Dose Calculation Manual (ODCM) PMP 6010 OSD.001, Rev. 1, was revised during the report period and these changes are included as Revision 2 to the ODCM which is included in this document as Appendix 4. The reasons for the changes and PNSRC approval are documented on the procedure cover sheet.

VII. CONCLUSIONS

Based on the information in this report, it is concluded that the Units performed their intended design function without causing any hazard to the health and safety of the general public.

APPENDIX 1.1
RADIOACTIVE RELEASE DATA
FIRST HALF OF 1987

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1987

Supplemental Information

Facility: D.C. Cook Plant
Licensee: Indiana & Michigan Electric Company

1. Regulatory Limits

A. Noble Gases

The air dose in unrestricted areas due to noble gases released in gaseous effluents shall be limited to the following:

1. During any calendar quarter, to $\leq$ 5 mrad for gamma radiation and $\leq$ 10 mrad for beta radiation;

2. During any calendar year, to $\leq$ 10 mrad for gamma radiation and $\leq$ 20 mrad for beta radiation.

B. Iodines - Particulates

The dose to a member of the public from radioiodines, radioactive materials in particulate form, and radionuclides other than noble gases with half-lives greater than 8 days in gaseous effluents released to unrestricted areas shall be limited to the following:

1. During any calendar quarter to $\leq$ 7.5 mrem to any organ;

2. During any calendar year to _ 15 mrem to any organ.

C. Liquid Effluents

The dose or dose commitment to an individual from radioactive material in liquid effluents released to unrestricted areas shall be limited:

1. During any calendar quarter to _ 1.5 mrem to the total body and to $\leq$ 5 mrem to any organ;

2. During any calendar year to _ 3 mrem to the total body and to $\leq$ 10 mrem to any organ.

D. Total Dose

The dose or dose commitment to a real individual from all uranium fuel cycle sources is limited to ≤ 25 mrem to the total body or any organ (except the thyroid, which is limited to ≤ 75 mrem) over a period of 12 consecutive months.

2. Maximum Permissable Concentrations

A. Gaseous Effluents

The dose rate due to radioactive materials released in gaseous effluents from the site shall be limited to the following:

1. For noble gases: ≤ 500 mrem/yr to the total body and ≤ 3000 mrem/yr to the skin;

2. For all radioiodines and for all radioactive materials in particulate form and radionuclides (other than noble gases) with half-lives greater than 8 days: ≤ 1500 mrem/yr to any organ.

The above limits are provided to insure that radioactive material discharged in gaseous effluents will not result in the exposure of an individual in an unrestricted area to annual average concentrations exceeding the limits in 10 CFR Part 20, Appendix B, Table II.

B. Liquid Effluents

The concentration of radioactive material released at any time from the site to unrestricted areas shall be limited to the concentrations specified in 10 CFR Part 20, Appendix B, Table II, Column 2, for radionuclides other than dissolved or entrained noble gases. For dissolved or entrained noble gases, the concentration shall be limited to 2×10^{-4} μCi/ml total activity.

3. Average Energy

The average energy ($\bar{E}$) of the radionuclide mixture in releases of fission and activation gases is not applicable per Regulatory Guide 1.21 Appendix B Section A.3.

4. Measurements and Approximations of Total Radioactivity

A. Fission and Activation Gases

Sampled and analyzed on a 4096 channel analyzer and Ge(Li) detector.

B. Iodines

Sampled on iodine adsorbing/media and analyzed on a 4096 channel analyzer and Ge(Li) detector.

C. Particulates

Sampled on a glass filter and analyzed on a 4096 channel analyzer and Ge(Li) detector.

D. Liquid Effluents

Sampled and analyzed on a 4096 channel analyzer and Ge(Li) detector.

5. Batch Releases

A. Liquid

1. Number of batch releases:

59 releases in the 1st quarter, 1987
63 releases in the 2nd quarter, 1987

2. Total time period for batch releases:

20160 minutes

3. Maximum time for a batch release:

483 minutes

4. Average time period for batch release:

165 minutes

5. Minimum time period for a batch release:

92 minutes

6. Average stream flow during periods of release of effluent into a flowing stream:

682459 gpm circulating water

B. Gaseous

1. Number of batch releases: (Gas Decay Tanks)

12 in 1st quarter, 1987
1 in 2nd quarter, 1987

2. Total time period of batch releases:

589 minutes

3. Maximum time period for a batch release:

73 minutes

4. Average time period for batch releases:

49 minutes

5. Minimum time period for a batch release:

35 minutes

6. Abnormal Releases

A. Liquid

1. Number of Releases:

1 Quarter	2 Quarter
0	0

2. Total activity released:

1 Quarter	2 Quarter
0	0

B. Gaseous

1. Number of Releases:

1 Quarter	2 Quarter
1	0

2. Total activity released:

1 Quarter	2 Quarter
1.16 E 0	0

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT- 1ST HALF 1987

GASEOUS EFFLUENTS - GROUND-LEVEL RELEASES

Nuclides Released	Unit	Continuous Mode Quarter 1	Continuous Mode Quarter 2	Batch Mode Quarter 1	Batch Mode Quarter 2
1. FISSION GASES					
Krypton-85	Ci			4.11 E 0	8.55 E 0
Krypton-85m	Ci	2.17 E-2	3.79 E-2		1.80 E-1
Krypton-87	Ci	2.26 E-2	4.03 E-2		1.90 E-2
Krypton-88	Ci	5.44 E-2	1.37 E-1		5.90 E-1
Xenon-133	Ci	1.46 E+2	1.97 E+2	4.98 E+1	1.01 E+2
Xenon-135	Ci	1.17 E-1	4.75 E 0	4.70 E-1	3.45 E 0
Xenon-135m	Ci	2.12 E-2	4.42 E-2		7.06 E-2
Xenon-138	Ci	4.80 E-3	1.20 E-2		
Xenon-133m	Ci	3.70 E-3	7.14 E-3	3.87 E-1	1.47 E 0
Xenon-131m	Ci			5.03 E-1	1.10 E 0
Argon-41	Ci	2.43 E-2	2.18 E-1		5.72 E-2
Total for Period	Ci	1.46 E+2	2.02 E+2	5.53 E+1	1.16 E+2
2. IODINES					
Iodine - 132	Ci		1.24 E-5	1.63 E-5	
Iodine-131	Ci	1.17 E-2	2.66 E-2	4.52 E-4	1.76 E-3
Iodine-133	Ci	5.09 E-4	3.32 E-3	8.77 E-5	1.27 E-3
Iodine-135	Ci		3.58 E-5	3.37 E-5	4.56 E-4
Total for Period	Ci	1.22 E-2	3.00 E-2	5.90 E-4	3.49 E-3
3. PARTICULATES					
Strontium-89	Ci				
Strontium-90	Ci				
Cesium-134	Ci	1.00 E-4	4.15 E-3	2.71 E-6	1.86 E-4
Cesium-137	Ci	1.20 E-4	4.07 E-3	3.38 E-6	1.59 E-4
Iron-59	Ci				
Cobalt-58	Ci		2.24 E-4	5.55 E-7	
Cobalt-60	Ci		6.69 E-5		
Manganese-54	Ci		3.05 E-5		
Zinc-65	Ci				
Molybdenum-99	Ci				
Cerium- 139	Ci	2.53 E-6			
Niobium-95	Ci		3.98 E-5		
Cesium-136	Ci		1.87 E-4		3.38 E-5
Yttrium-88	Ci	9.18 E-6	1.44 E-7		
Total for Period	Ci	2.32 E-4	8.77 E-3	6.65 E-6	3.79 E-4

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1987

GASEOUS EFFLUENTS - SUMMATION OF ALL RELEASES

	Units	Quarter 1	Quarter 2	Est. Total Error, %
A. FISSION AND ACTIVATION GASES				
1. Total release.	Ci	2.01 E+2	3.18 E+2	8.87 E 0
2. Average release rate for period.	µCi/sec	2.58 E+1	4.04 E+1	
3. Percent of Technical Specification limit. (T/S 3.11.2.2 Limit)	% γ	9.60 E-1	1.81 E 0	
	β	1.38 E 0	2.23 E 0	
B. IODINES				
1. Total Iodine-131.	Ci	1.22 E-2	2.84 E-2	1.28 E+1
2. Average release rate for period.	µCi/sec	1.56 E-3	3.61 E-3	
3. Percent of Technical Specification limit. (T/S 3.11.2.3 Limit)	%	2.88 E 0	1.01 E+1	
C. PARTICULATES				
1. Particulates with half-lives > 8 days.	Ci	2.39 E-4	9.15 E-3	1.85 E+1
2. Average release rate for period.	µCi/sec	3.07 E-5	1.16 E-3	
3. Percent of Technical Specification limit.*	%	2.88 E 0	1.10 E+1	
4. Gross alpha radioactivity.	Ci	<8.57 E-7	<1.05 E-6	
*(T/S 3.11.2.3. Limit)				
D. TRITIUM				
1. Total release.	Ci	3.72 E-1	7.00 E 0	1.89 E 0
2. Average release rate for period.	µCi/sec	4.78 E-2	8.90 E-1	
3. Percent of Technical Specification limit. (10 CFR 20 Limit)	%	3.31 E-1	6.13 E 0	

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND HALF 1986 - REVISED

LIQUID EFFLUENTS

Nuclides Released		BATCH MODE Quarter 3	BATCH MODE Quarter 4	CONTINUOUS MODE Quarter 3	CONTINUOUS MODE Quarter 4
Strontium-89	Ci	4.45 E-5	2.83 E-5		
Strontium-90	Ci	4.45 E-5	1.74 E-5		
Cesium-134	Ci	3.95 E-3	1.56 E-2	1.85 E-3	2.09 E-3
Cesium-137	Ci	5.56 E-3	2.07 E-2	2.86 E-3	3.22 E-3
Iodine-131	Ci	4.58 E-4	4.66 E-4	2.68 E-5	9.46 E-4
Strontium-85	Ci	7.90 E-6			
Cobalt-58	Ci	4.26 E-2	4.33 E-2	1.17 E-2	
Cobalt-60	Ci	2.25 E-2	3.79 E-2	2.37 E-3	7.47 E-5
Iron-59	Ci				
Zinc-65	Ci	8.68 E-4	9.59 E-4		
Manganese-54	Ci	2.06 E-3	2.44 E-3	1.99 E-4	
Chromium-51	Ci	3.85 E-3	3.44 E-3		
Iron -55	Ci	1.01 E-3	2.07 E-2		
Zirconium-Niobium-95	Ci	3.29 E-3	1.61 E-3		
Molybdenum-99	Ci				
Technetium-99M	Ci				
Barium-Lanthanum-140	Ci				
Cerium-141	Ci				
Cesium-136	Ci	1.20 E-4	4.01 E-4		
Sodium-24	Ci				
Iodine-133	Ci				5.95 E-4
Cobalt-57	Ci	1.19 E-4	9.18 E-5		
Zirconium-97	Ci	6.47 E-5	1.95 E-4		
Silver-110M	Ci	4.25 E-3	9.62 E-3		
Cerium-144	Ci				
Antimony-124	Ci		5.62 E-4		
Antimony-125	Ci		8.13 E-3		
Xenon-133	Ci	9.85 E-2	5.22 E-3		4.85 E-5
Xenon-131M	Ci				
Xenon-133M	Ci	1.18 E-3			
Xenon-135	Ci	9.31 E-4			7.77 E-5
Argon-41	Ci				
Krypton-85	Ci	1.79 E-3			

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND HALF 1986 - REVISED

LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

	UNIT	BATCH Quarter 3	BATCH Quarter 4	CONTINUOUS Quarter 3	CONTINUOUS Quarter 4	Est. Total Error, %
A. FISSION AND ACTIVATION PRODUCTS						
1. Total Release (Not including Tritium, Alpha, Gases)	Ci	1.22 E-1	1.66 E-1	1.90 E-2	6.93 E-3	2.89 E 0
2. Average diluted concentration during period.	µCi/ml	7.97 E-9	1.50 E-8	2.41 E-11	7.80 E-12	
3. Percent of applicable limit. (10 CFR 20)	%	2.52 E-2	6.00 E-2	8.23 E-5	4.67 E-4	
B. TRITIUM						
1. Total Release	Ci	3.33 E+2	7.88 E+1	3.40 E-1	9.42 E-1	1.90 E-1
2. Average diluted concentration during period.	µCi/ml	2.18 E-5	7.10 E-6	4.31 E-10	1.06 E-9	
3. Percent of applicable limit. (10 CFR 20)	%	7.27 E-1	2.37 E-1	1.44 E-5	3.54 E-5	
C. DISSOLVED AND ENTRAINED GASES						
1. Total Release	Ci	1.02 E-1	5.22 E-3	No Activity Detected	1.26 E-4	2.34 E-
2. Average diluted concentration during period.	µCi/ml	6.69 E-9	4.70 E-10		1.42 E-13	
3. Percent of applicable limit. (T/S 3.11.1.1.)	%	3.33 E-3	2.35 E-4		7.09 E-8	

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1987

LIQUID EFFLUENTS

Nuclides Released		BATCH MODE Quarter 1	BATCH MODE Quarter 2	CONTINUOUS MODE Quarter 1	CONTINUOUS MODE Quarter 2
Strontium-85	Ci		2.15 E-4		
Strontium-89	Ci	5.54 E-5	*		
Strontium-90	Ci	3.21 E-5	*		
Cesium-134	Ci	1.19 E-2	9.69 E-3	4.16 E-3	1.61 E-2
Cesium-137	Ci	1.65 E-2	8.92 E-3	5.49 E-3	1.67 E-2
Iodine-131	Ci	3.69 E-3	2.34 E-2	8.72 E-3	1.27 E-2
Iodine-132	Ci				3.19 E-5
Iodine-135	Ci				9.22 E-5
Cobalt-58	Ci	1.72 E-2	6.37 E-2		1.00 E-3
Cobalt-60	Ci	3.68 E-2	1.97 E-2		2.92 E-4
Iron-59	Ci		1.94 E-3		
Zinc-65	Ci	8.44 E-4	5.64 E-4		
Manganese-54	Ci	3.31 E-3	2.08 E-3		4.83 E-4
Chromium-51	Ci	3.16 E-3	3.89 E-3		
Iron-55	Ci	4.79 E-3			
Zirconium-Niobium-95	Ci	1.30 E-3	1.61 E-3		2.55 E-4
Molybdenum-99	Ci				
Technetium-99M	Ci				
Barium-Lanthanum-140	Ci		4.73 E-4		
Cerium-141	Ci				
Cesium-136	Ci	1.04 E-3	8.93 E-4	1.31 E-4	5.15 E-4
Sodium-24	Ci	9.99 E-4			
Iodine-133	Ci		1.68 E-5	2.12 E-3	4.45 E-3
Cobalt-57	Ci		3.37 E-5		
Zirconium-97	Ci	3.33 E-4	1.57 E-4		
Silver-110M	Ci	1.65 E-2	1.14 E-2		
Cerium-144	Ci				
Antimony-124	Ci	9.77 E-5	2.14 E-4		
Antimony-125	Ci	7.79 E-3	3.86 E-3		
Xenon-133	Ci	4.79 E-1	2.15 E 0	9.95 E-4	1.23 E-3
Xenon-131M	Ci	1.11 E-2	5.20 E-2		
Xenon-133M	Ci	5.16 E-3	2.46 E-2		
Xenon-135	Ci	1.73 E-3	1.27 E-2	1.07 E-3	2.34 E-5
Argon-41	Ci				
Krypton-85	Ci	1.98 E-3	6.43 E-2		

*Strontium results were unavailable at the time of submittal.

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EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1987

LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

	UNIT	BATCH Quarter 1	BATCH Quarter 2	CONTINUOUS Quarter 1	CONTINUOUS Quarter 2	Est. Total Error, %
A. FISSION AND ACTIVATION PRODUCTS						
1. Total Release (Not including Tritium, Alpha, Gases)	Ci	1.44 E-1	1.53 E-1	2.06 E-2	5.26 E-2	3.50 E 0
2. Average diluted concentration during period.	µCi/ml	5.78 E-9	5.60 E-9	2.62 E-11	6.54 E-11	
3. Percent of applicable limit. (10 CFR 20)	%	6.73 E-2	2.99 E-1	4.06 E-3	6.16 E-3	
B. TRITIUM						
1. Total Release	Ci	8.02 E+2	6.86 E-2	2.77 E 0	2.30 E-1	1.72 E-1
2. Average diluted concentration during period.	µCi/ml	3.22 E-5	2.51 E-5	3.52 E-9	2.86 E-10	
3. Percent of applicable limit. (10 CFR 20)	%	1.07 E 0	8.38 E-1	1.17 E-4	9.54 E-6	
C. DISSOLVED AND ENTRAINED GASES						
1. Total Release	Ci	4.99 E-1	2.30 E 0	2.07 E-3	1.25 E-3	1.68 E+1
2. Average diluted concentration during period.	µCi/ml	2.00 E-8	8.42 E-8	2.63 E-12	1.55 E-12	
3. Percent of applicable limit. (T/S 3.11.1.1)	%	1.00 E-2	4.21 E-2	1.32 E-6	7.77 E-7	

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1987

LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

	UNIT	BATCH Quarter 1	BATCH Quarter 2	CONTINUOUS Quarter 1	CONTINUOUS Quarter 2	Est. Total Error, %
D. GROSS ALPHA RADIOACTIVITY						
1. Total Release	ci	<1.33 E-4	<1.36 E-4	N/A	N/A	N/A
E. VOLUME OF WASTE RELEASED	Liters	3.90 E+6	4.31 E+6	2.42 E+8	1.08 E+8	2.00 E 0
F. VOLUME OF DILUTION WATER USED DURING PERIOD	Liters	2.49 E+10	2.73 E+10	7.86 E+11	8.04 E+11	3.48 E 0

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1987

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. Solid Waste Shipped Offsite for Burial or Disposal

1.

Type of Waste	Unit	6 month Period	Est. Total Error, %
a. Spent resins, filter sludges, evaporator bottoms, etc.	m^3 Ci	1.09 E+1 7.13 E+2	1 E 0 4 E 0
b. Dry compressible waste, contaminated equipment, etc.	m^3 Ci	1.50 E+2 4.90 E+1	1 E 0 2 E 0
c. Irradiated components, control rods, etc.	m^3 Ci		
d. Other	m^3 Ci		

2. Estimate of Major Nuclide Composition

a.	CS-137	35 %	Fe-55	5%
	CS-134	25 %	Ni-63	10%
	CO-58	5 %		
	CO-60	20 %		
b.	CO-60	25 %		
	CO-58	25 %		
	CS-137	5 %		
	CS-134	5 %		
	Fe-55	30 %		
	Ni-63	10 %		

3. Solid Waste Disposition

No. of Shipments	Mode of Transportation	Destination
13	Truck	Barnwell, SC
0		Richland, WA

4. Type of Containers Used for Shipment

Containers used are strong tight, DOT 17H and high integrity. Shipments were made as either Radioactive LSA or NOS.

5. Solidification Agent

There were no solidifications performed during the report period.

RELEASE NO.	START DATE STOP DATE	START TIME STOP TIME	H-3	I-131	I-133	Xe-133	Xe-133m	Xe-135	Xe-131m	Kr-85	Cs-134	Cs-137	I-132	I-135	Co-58	Cs-136
G-87-1	01-17-87 01-17-87	1952 2103	7.16E-6	4.14E-8	6.77E-8	1.09E-4				8.23E-1						
G-87-2	01-19-87 01-19-87	0103 0216	1.27E-5			1.60E-1	8.30E-4	1.49E-4	1.39E-2	3.81E-1						
G-87-3	01-19-87 01-19-87	0841 1035	1.82E-3			3.25E-1	4.90E-3	2.07E-3	1.51E-2	2.28E-1						
G-87-4	02-16-87 02-16-87	1103 1138	1.57E-6			4.60E-3			3.70E-4	4.02E-2						
G-87-5	02-19-87 02-19-87	1255 1344	1.05E-4			1.05E-4				5.60E-1						
G-87-6	02-20-87 02-20-87	0242 0324	3.10E-5			2.80E-4				6.17E-1						
G-87-7	03-04-87 04-12-87	1721 2303	2.66E-2	1.23E-4	8.39E-5	2.00E+1	1.93E-1	4.28E-1	2.72E-1		2.71E-6	3.38E-6	1.63E-5	3.37E-5		
G-87-8	03-04-87 03-04-87	0910 0952	4.27E-5			9.95E-4		3.59E-5		2.82E-1						
G-87-9	03-05-87 03-05-87	0341 0430	4.37E-5	9.62E-8		1.95E-1	7.72E-3	1.99E-2	1.62E-2	3.25E-1						
G-87-10	03-05-87 03-05-87	1050 1133	1.12E-5	1.91E-6	6.75E-7	1.74E-1	7.73E-3	1.47E-2	2.21E-2	4.04E-1						
G-87-11	03-06-87 03-06-87	0138 0222	8.01E-6	8.03E-7	1.99E-7	1.60E-1	8.34E-3	5.23E-3	1.67E-2	4.53E-1						
G-87-12	03-07-87 03-07-87	1706 1749	5.47E-5	6.80E-7	1.64E-7	3.55E 0										
G-87-13	03-10-87 03-10-87	0249 0339	[illegible]	[illegible]		1.58E+1	[illegible]								5.55E-7	
G-87-14	03-11-87 03-11-87	0153 0241	8.86E-7	3.23E-4	2.71E-6	9.45E 0	6.83E-2		1.47E-1							
G-87-15	04-10-87 04-18-87	0311 0123	2.06E-3	1.26E-3	1.05E-3	2.45E+1	3.65E-1	1.83E 0	2.45E-1	3.83 E 0	1.80E-4	1.53E-4		4.56E-4		3.38E-5
G-87-15	Continued		Kr-85m 1.80E-1	Kr-87 1.90E-2	Xe-135m 7.06E-2	Ar-41 5.72E-2	Kr-88 5.90E-1									
G-87-16	06-29-87 06-30-87	0010 2400	4.74E-3	4.11E-4	2.01E-4	1.57E+1	1.97E-1	5.86E-1	2.28 E-1	2.91E 0	5.69E-6	5.86E-6				
G-87-17	06-30-87 06-30-87	0315 0402	1.29E-3	8.45E-5	2.22E-5	6.07E+1	9.06E-1	1.03E 0	6.31 E-1	1.81E 0						

The following distances were used in the calculation of the maximum individual doses:

SECTOR-DIRECTION	SITE BOUNDARY (METERS)	NEAREST RESIDENCE (METERS)
B - NNE	617	814
C - NE	789	1052
D - ENE	1497	1852
E - E	1274	1705
F - ESE	972	1628
G - SE	629	914
H - SSE	594	1093
J - S	594	863
K - SSW	629	770

APPENDIX 1.2

SUMMARY OF MAXIMUM INDIVIDUAL DOSES FOR FIRST QUARTER OF 1987

SUMMARY OF MAXIMUM INDIVIDUAL DOSES - 1ST QUARTER 1987

EFFLUENT	APPLICABLE ORGAN	ESTIMATED DOSE (MREM)	AGE GROUP	LOCATION DIST DIR (M)(Toward)	% OF APPLICABLE LIMIT	QUARTERLY LIMIT (MR)
Liquid	Total Body	1.15 E-1	Adult	Receptor 1	7.67 E 0	1.5
Liquid	Liver	1.50 E-1	Adult	Receptor 1	3.00 E 0	5.0
Noble Gas	Air Dose (Gamma-mrad)	4.80 E-2	All	594 S	9.60 E-1	5.0
Noble Gas	Air Dose (Beta-mrad)	1.38 E-1	All	594 S	1.38 E 0	10.0
Noble Gas	Total Body	5.93 E-3	All	814.NNE	1.19 E-1	Yearly 5.0
Noble Gas	Skin	1.68 E-2	All	814 NNE	1.12 E-1	Yearly 15.0
Iodines and Particulates	Thyroid	2.16 E-1	Infant	814 NNE	2.88 E 0	7.5

FOR RECEPTOR NUMBER 1

TOTAL LIQUID DOSE ACCUMULATIONS(REM)
START DATE 87 1 1 1 END DATE 87 33124

	BONE	LIVER	T.BODY	THYRD	KIDNEY	LUNG	GI-LLI	SKIN
WATER								
ADULT	5.1E-07	1.8E-05	1.8E-05	2.1E-05	1.8E-05	1.8E-05	1.8E-05	0.0E+00
TEEN	4.9E-07	1.3E-05	1.3E-05	1.5E-05	1.3E-05	1.2E-05	1.3E-05	0.0E+00
CHILD	1.4E-06	2.5E-05	2.4E-05	3.1E-05	2.4E-05	2.4E-05	2.4E-05	0.0E+00
INFANT	1.5E-06	2.5E-05	2.3E-05	3.5E-05	2.4E-05	2.3E-05	2.3E-05	0.0E+00
SHORE								
ADULT	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.3E-07
TEEN	5.9E-07	5.9E-07	5.9E-07	5.9E-07	5.9E-07	5.9E-07	5.9E-07	7.0E-07
CHILD	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.2E-07	1.5E-07
INFANT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FW SPT FISH								
ADULT	7.5E-05	1.3E-04	9.7E-05	5.1E-06	4.5E-05	1.5E-05	1.1E-05	0.0E+00
TEEN	7.9E-05	1.4E-04	5.6E-05	4.6E-06	4.5E-05	1.8E-05	8.0E-06	0.0E+00
CHILD	9.8E-05	1.2E-04	2.2E-05	4.6E-06	3.8E-05	1.4E-05	3.3E-06	0.0E+00
INFANT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

ENTER: [RETURN] CONTINUE, [SO] START OVER, [EX] EXIT

TOTAL LIQUID DOSE ACCUMULATIONS(REM)
START DATE 87 1 1 1 END DATE 87 33124

	BONE	LIVER	T.BODY	THYRD	KIDNEY	LUNG	GI-LLI	SKIN
TOTAL								
ADULT	7.5E-05	1.5E-04	1.2E-04	2.6E-05	6.3E-05	3.3E-05	2.9E-05	1.3E-07
TEEN	8.0E-05	1.5E-04	6.9E-05	2.1E-05	5.9E-05	3.1E-05	2.1E-05	7.0E-07
CHILD	9.9E-05	1.4E-04	4.6E-05	3.6E-05	6.3E-05	3.8E-05	2.7E-05	1.5E-07
INFANT	1.5E-06	2.5E-05	2.3E-05	3.5E-05	2.4E-05	2.3E-05	2.3E-05	0.0E+00

DATES OF TOTAL AIR DOSE ACCUMULATION ARE FROM 87 1 1 1 0 TO 87 33124 0
DOSE ACCUMULATION FOR GAMMA RAD

**DIRECTION FROM N				
4.8030E-05	6.6572E-06	3.0374E-06	1.7496E-06	1.2306E-06
6.2491E-07	2.4194E-07	1.1927E-07	7.6024E-08	4.7406E-08
**DIRECTION FROM NNE				
4.1131E-06	5.1651E-07	2.4519E-07	1.4630E-07	1.0268E-07
5.1304E-08	1.9990E-08	9.9060E-09	6.3243E-09	3.9536E-09
**DIRECTION FROM NE				
7.0707E-06	8.5908E-07	4.1734E-07	2.5288E-07	1.7918E-07
9.1114E-08	3.6302E-08	1.8107E-08	1.1596E-08	7.3419E-09
**DIRECTION FROM ENE				
1.8671E-05	2.5282E-06	1.1783E-06	6.9123E-07	4.8623E-07
2.4568E-07	9.5892E-08	4.7603E-08	3.0471E-08	1.9064E-08
**DIRECTION FROM E				
1.4290E-05	1.8025E-06	8.8282E-07	5.3845E-07	3.8043E-07
1.9202E-07	7.6654E-08	3.8544E-08	2.4842E-08	1.5709E-08
**DIRECTION FROM ESE				
2.5060E-05	3.3603E-06	1.5745E-06	9.2787E-07	6.5298E-07
3.2988E-07	1.2913E-07	6.4245E-08	4.1181E-08	2.5812E-08
**DIRECTION FROM SE				
1.9543E-05	2.3935E-06	1.1800E-06	7.2262E-07	5.1274E-07
2.6099E-07	1.0496E-07	5.2785E-08	3.4004E-08	2.1616E-08
**DIRECTION FROM SSE				
[illegible]3458E-06	9.2058E-07	4.4539E-07	2.6891E-07	1.9080E-07
[illegible]7505E-08	3.9032E-08	1.9576E-08	1.2594E-08	7.9934E-09
**DIRECTION FROM S				
4.9738E-06	6.0300E-07	2.9279E-07	1.7763E-07	1.2558E-07
6.3539E-08	2.5294E-08	1.2671E-08	8.1451E-09	5.1565E-09
**DIRECTION FROM SSW				
1.6802E-05	1.9517E-06	9.0657E-07	5.3444E-07	3.6982E-07
1.7889E-07	6.6647E-08	3.2091E-08	2.0055E-08	1.2229E-08
**DIRECTION FROM SW				
4.1265E-06	5.5290E-07	2.5236E-07	1.4571E-07	1.0215E-07
5.1426E-08	1.9770E-08	9.7146E-09	6.1772E-09	3.8387E-09
8*DIRECTION FROM WSW				
1.3305E-05	1.7210E-06	8.4741E-07	5.1869E-07	3.6664E-07
1.8519E-07	7.4316E-08	3.7589E-08	2.4336E-08	1.5418E-08
**DIRECTION FROM W				
4.4639E-06	5.8346E-07	2.7862E-07	1.6690E-07	1.1722E-07
5.8671E-08	2.3040E-08	1.1522E-08	7.4095E-09	4.6479E-09
**DIRECTION FROM WNW				
6.3420E-06	6.8892E-07	3.5270E-07	2.2153E-07	1.5902E-07
8.2397E-08	3.3841E-08	1.7009E-08	1.0920E-08	7.0294E-09
**DIRECTION FROM NW				
6.1431E-06	7.4872E-07	3.6363E-07	2.2036E-07	1.5630E-07
7.9697E-08	3.1874E-08	1.5957E-08	1.0248E-08	6.5013E-09
**DIRECTION FROM NNW				
4.3082E-06	5.6258E-07	2.5551E-07	1.4727E-07	1.0261E-07
5.0925E-08	1.9280E-08	9.4070E-09	5.9525E-09	3.6672E-09

DISTANCES USED IN CALCULATIONS

[illegible]594.0	2416.0	4020.0	5630.0	7240.0
[illegible]2067.0	24135.0	40225.0	56315.0	80500.0

BE
DATES OF TOTAL AIR DOSE ACCUMULATION ARE FROM 87 1 1 1 0 TO 87 33124 0
DOSE ACCUMULATION FOR BETA RAD

**DIRECTION FROM N				
1.3759E-04	1.9067E-05	8.6998E-06	5.0115E-06	3.5247E-06
1.7899E-06	6.9295E-07	3.4161E-07	2.1775E-07	1.3578E-07
**DIRECTION FROM NNE				
1.1967E-05	1.5030E-06	7.1348E-07	4.2571E-07	2.9877E-07
1.4929E-07	5.8168E-08	2.8825E-08	1.8403E-08	1.1505E-08
**DIRECTION FROM NE				
2.0561E-05	2.4983E-06	1.2136E-06	7.3534E-07	5.2101E-07
2.6493E-07	1.0555E-07	5.2643E-08	3.3713E-08	2.1344E-08
**DIRECTION FROM ENE				
5.5459E-05	7.5152E-06	3.5006E-06	2.0527E-06	1.4439E-06
7.2964E-07	2.8472E-07	1.4132E-07	9.0452E-08	5.6587E-08
**DIRECTION FROM E				
4.2532E-05	5.3691E-06	2.6247E-06	1.5987E-06	1.1291E-06
5.6961E-07	2.2709E-07	1.1411E-07	7.3511E-08	4.6457E-08
**DIRECTION FROM ESE				
7.9345E-05	1.0541E-05	4.9177E-06	2.8903E-06	2.0291E-06
1.0199E-06	3.9654E-07	1.9653E-07	1.2565E-07	7.8472E-08
**DIRECTION FROM SE				
7.7201E-05	9.5159E-06	4.6540E-06	2.8367E-06	2.0040E-06
1.0110E-06	4.0265E-07	2.0187E-07	1.2981E-07	8.2079E-08
**DIRECTION FROM SSE				
2.1262E-05	2.6653E-06	1.2892E-06	7.7824E-07	5.5217E-07
2.8217E-07	1.1295E-07	5.6643E-08	3.6442E-08	2.3128E-08
**DIRECTION FROM S				
1.4297E-05	1.7328E-06	8.4124E-07	5.1032E-07	3.6075E-07
1.8253E-07	7.2652E-08	3.6391E-08	2.3390E-08	1.4807E-08
**DIRECTION FROM SSW				
4.8061E-05	5.5813E-06	2.5949E-06	1.5307E-06	1.0596E-06
5.1296E-07	1.9134E-07	9.2191E-08	5.7638E-08	3.5174E-08
**DIRECTION FROM SW				
1.1995E-05	1.6072E-06	7.3361E-07	4.2358E-07	2.9694E-07
1.4950E-07	5.7473E-08	2.8242E-08	1.7958E-08	1.1160E-08
**DIRECTION FROM WSW				
3.8819E-05	5.0208E-06	2.4730E-06	1.5141E-06	1.0703E-06
5.4061E-07	2.1697E-07	1.0976E-07	7.1064E-08	4.5026E-08
**DIRECTION FROM W				
1.2922E-05	1.6890E-06	8.0649E-07	4.8305E-07	3.3926E-07
1.6980E-07	6.6675E-08	3.3341E-08	2.1440E-08	1.3449E-08
**DIRECTION FROM WNW				
2.0815E-05	2.3069E-06	1.1821E-06	7.4304E-07	5.3252E-07
2.7499E-07	1.1290E-07	5.6904E-08	3.6619E-08	2.3546E-08
**DIRECTION FROM NW				
1.7842E-05	2.1735E-06	1.0559E-06	6.4004E-07	4.5400E-07
2.3152E-07	9.2611E-08	4.6366E-08	2.9778E-08	1.8893E-08
**DIRECTION FROM NNW				
1.2519E-05	1.6349E-06	7.4253E-07	4.2799E-07	2.9820E-07
1.4801E-07	5.6038E-08	2.7343E-08	1.7302E-08	1.0660E-08

DISTANCES USED IN CALCULATIONS

594.0	2416.0	4020.0	5630.0	7240.0
12067.0	24135.0	40225.0	56315.0	80500.0

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	6.2E-06	1.7E-05
TEEN	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	6.2E-06	1.7E-05
CHILD	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	6.2E-06	1.7E-05
INFNT	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	5.9E-06	6.2E-06	1.7E-05
GROUND PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	8.4E-07
TEEN	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	8.4E-07
CHILD	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	8.4E-07
INFNT	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	7.2E-07	8.4E-07
VEGET PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	6.9E-07	9.7E-08	5.3E-07	9.5E-07	4.9E-07	3.2E-05	1.4E-07	0.0E+00
TEEN	6.0E-07	9.8E-08	7.8E-07	1.4E-06	6.2E-07	2.7E-05	2.2E-07	0.0E+00
CHILD	5.2E-07	1.2E-07	1.8E-06	2.2E-06	9.3E-07	4.1E-05	3.2E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
[illegible]AT PATHWAY, DIST GP= 1, 7725. METERS, WINDS TOWARD NNE								
ADULT	1.7E-09	3.4E-10	1.2E-09	2.3E-09	1.3E-09	8.7E-08	4.4E-10	0.0E+00
TEEN	8.4E-10	2.0E-10	1.0E-09	1.8E-09	9.9E-10	6.3E-08	3.2E-10	0.0E+00
CHILD	6.6E-10	2.1E-10	1.8E-09	2.3E-09	1.2E-09	9.5E-08	3.8E-10	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NNE								
ADULT	1.5E-08	2.6E-09	1.3E-08	2.2E-08	1.7E-08	2.3E-06	2.1E-09	0.0E+00
TEEN	1.7E-08	3.5E-09	2.3E-08	3.8E-08	3.0E-08	3.6E-06	3.9E-09	0.0E+00
CHILD	2.1E-08	3.3E-09	5.6E-08	6.4E-08	4.9E-08	7.0E-06	5.9E-09	0.0E+00
INFNT	3.1E-08	3.8E-09	1.0E-07	1.3E-07	8.3E-08	1.7E-05	1.0E-08	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NNE								
ADULT	3.8E-08	4.1E-09	3.0E-08	5.2E-08	3.0E-08	2.7E-06	5.8E-09	0.0E+00
TEEN	4.0E-08	5.3E-09	5.4E-08	9.1E-08	5.1E-08	4.3E-06	1.1E-08	0.0E+00
CHILD	3.9E-08	5.2E-09	1.3E-07	1.5E-07	8.4E-08	8.4E-06	1.7E-08	0.0E+00
INFNT	5.1E-08	6.3E-09	2.2E-07	3.0E-07	1.4E-07	2.1E-05	2.9E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
[illegible]LT	5.9E-08	3.7E-08	3.0E-08	7.6E-08	8.6E-08	9.6E-06	3.3E-08	0.0E+00
[illegible]EEN	6.1E-08	3.7E-08	4.2E-08	9.2E-08	1.1E-07	1.2E-05	3.4E-08	0.0E+00
CHILD	5.3E-08	3.0E-08	5.6E-08	8.6E-08	9.9E-08	1.3E-05	3.0E-08	0.0E+00
INFNT	3.3E-08	1.7E-08	4.1E-08	6.6E-08	6.2E-08	1.2E-05	1.7E-08	0.0E+00

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.9E-06
TEEN	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.9E-06
CHILD	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.9E-06
INFNT	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.9E-06
GROUND PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	4.1E-07
TEEN	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	4.1E-07
CHILD	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	4.1E-07
INFNT	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	3.5E-07	4.1E-07
VEGET PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	3.4E-07	3.5E-08	2.9E-07	4.8E-07	2.9E-07	3.0E-05	4.6E-08	0.0E+00
TEEN	2.9E-07	2.9E-08	4.1E-07	6.8E-07	3.5E-07	2.5E-05	7.9E-08	0.0E+00
CHILD	2.4E-07	2.2E-08	9.2E-07	1.1E-06	5.0E-07	3.8E-05	1.2E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 7725. METERS, WINDS TOWARD NE								
ADULT	1.2E-09	1.5E-10	1.0E-09	1.8E-09	1.1E-09	1.3E-07	1.7E-10	0.0E+00
TEEN	6.2E-10	9.1E-11	8.5E-10	1.4E-09	9.1E-10	9.1E-08	1.5E-10	0.0E+00
CHILD	5.0E-10	6.3E-11	1.6E-09	1.8E-09	1.1E-09	1.4E-07	1.7E-10	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NE								
ADULT	1.4E-08	2.9E-09	1.3E-08	2.1E-08	2.1E-08	3.2E-06	1.2E-09	0.0E+00
TEEN	1.7E-08	3.8E-09	2.3E-08	3.6E-08	3.6E-08	5.1E-06	2.4E-09	0.0E+00
CHILD	2.3E-08	3.0E-09	5.6E-08	6.2E-08	6.0E-08	1.0E-05	3.7E-09	0.0E+00
INFNT	3.8E-08	3.0E-09	1.0E-07	1.3E-07	1.0E-07	2.5E-05	6.5E-09	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NE								
ADULT	3.1E-08	3.8E-09	2.7E-08	4.4E-08	3.1E-08	3.9E-06	3.6E-09	0.0E+00
TEEN	3.4E-08	5.1E-09	4.8E-08	7.7E-08	5.5E-08	6.2E-06	7.2E-09	0.0E+00
CHILD	3.8E-08	4.1E-09	1.1E-07	1.3E-07	9.0E-08	1.2E-05	1.1E-08	0.0E+00
INFNT	5.5E-08	4.1E-09	2.0E-07	2.7E-07	1.5E-07	3.0E-05	1.9E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	1.3E-08	4.2E-09	1.2E-08	2.0E-08	2.4E-08	4.0E-06	2.6E-09	0.0E+00
TEEN	1.4E-08	4.3E-09	1.7E-08	2.6E-08	3.3E-08	4.9E-06	3.0E-09	0.0E+00
CHILD	1.2E-08	2.8E-09	2.2E-08	2.5E-08	3.1E-08	5.4E-06	2.6E-09	0.0E+00
INFNT	8.0E-09	1.4E-09	1.6E-08	2.1E-08	2.0E-08	4.9E-06	1.6E-09	0.0E+00

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FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.5E-06	4.0E-06
TEEN	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.5E-06	4.0E-06
CHILD	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.5E-06	4.0E-06
INFNT	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.4E-06	1.5E-06	4.0E-06
GROUND PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	3.0E-07
TEEN	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	3.0E-07
CHILD	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	3.0E-07
INFNT	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	2.6E-07	3.0E-07
VEGET PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	2.6E-07	3.3E-08	2.3E-07	3.8E-07	2.6E-07	3.1E-05	3.4E-08	0.0E+00
TEEN	2.2E-07	2.7E-08	3.1E-07	5.2E-07	2.9E-07	2.5E-05	5.6E-08	0.0E+00
CHILD	2.0E-07	2.0E-08	7.0E-07	8.2E-07	4.2E-07	3.8E-05	8.6E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 3862. METERS, WINDS TOWARD ENE								
ADULT	8.8E-09	1.3E-09	7.5E-09	1.3E-08	9.2E-09	1.2E-06	1.1E-09	0.0E+00
TEEN	4.5E-09	7.6E-10	6.2E-09	1.0E-08	7.4E-09	8.4E-07	1.0E-09	0.0E+00
CHILD	3.9E-09	5.1E-10	1.1E-08	1.3E-08	9.3E-09	1.3E-06	1.2E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ENE								
ADULT	3.0E-08	7.2E-09	2.9E-08	4.6E-08	5.1E-08	8.4E-06	2.3E-09	0.0E+00
TEEN	3.9E-08	9.6E-09	5.3E-08	8.0E-08	8.9E-08	1.3E-05	4.6E-09	0.0E+00
CHILD	5.5E-08	7.7E-09	1.3E-07	1.4E-07	1.5E-07	2.6E-05	6.9E-09	0.0E+00
INFNT	9.5E-08	7.6E-09	2.4E-07	3.0E-07	2.5E-07	6.3E-05	1.2E-08	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ENE								
ADULT	6.2E-08	9.5E-09	5.5E-08	9.1E-08	7.3E-08	1.0E-05	6.9E-09	0.0E+00
TEEN	7.2E-08	1.3E-08	9.9E-08	1.6E-07	1.3E-07	1.6E-05	1.4E-08	0.0E+00
CHILD	8.6E-08	1.0E-08	2.4E-07	2.7E-07	2.1E-07	3.1E-05	2.0E-08	0.0E+00
INFNT	1.3E-07	1.0E-08	4.3E-07	5.6E-07	3.6E-07	7.6E-05	3.6E-08	0.0E+00
WHAL PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	1.3E-08	4.5E-09	1.2E-08	2.0E-08	2.7E-08	4.7E-06	2.3E-09	0.0E+00
TEEN	1.5E-08	4.6E-09	1.7E-08	2.7E-08	3.7E-08	5.7E-06	2.6E-09	0.0E+00
CHILD	1.3E-08	2.9E-09	2.3E-08	2.6E-08	3.5E-08	6.4E-06	2.3E-09	0.0E+00
INFNT	9.0E-09	1.4E-09	1.8E-08	2.2E-08	2.2E-08	5.8E-06	1.4E-09	0.0E+00

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INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.9E-07	1.6E-06
TEEN	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.9E-07	1.6E-06
CHILD	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.9E-07	1.6E-06
INFNT	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.6E-07	5.9E-07	1.6E-06
GROUND PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.3E-07
TEEN	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.3E-07
CHILD	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.3E-07
INFNT	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.0E-07	2.3E-07
VEGET PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	1.8E-07	1.4E-08	1.5E-07	2.5E-07	1.3E-07	1.0E-05	2.6E-08	0.0E+00
TEEN	1.5E-07	1.2E-08	2.2E-07	3.7E-07	1.6E-07	8.3E-06	4.5E-08	0.0E+00
CHILD	1.2E-07	9.8E-09	5.0E-07	5.9E-07	2.4E-07	1.3E-05	6.6E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 6810. METERS, WINDS TOWARD E								
ADULT	1.8E-09	1.7E-10	1.5E-09	2.5E-09	1.3E-09	1.2E-07	2.7E-10	0.0E+00
TEEN	8.7E-10	1.0E-10	1.2E-09	2.0E-09	1.1E-09	8.3E-08	2.4E-10	0.0E+00
CHILD	6.3E-10	7.1E-11	2.2E-09	2.6E-09	1.3E-09	1.3E-07	2.7E-10	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD E								
ADULT	1.4E-08	2.2E-09	1.3E-08	2.1E-08	1.7E-08	2.4E-06	1.6E-09	0.0E+00
TEEN	1.7E-08	3.0E-09	2.3E-08	3.7E-08	3.0E-08	3.8E-06	3.1E-09	0.0E+00
CHILD	2.0E-08	2.4E-09	5.5E-08	6.2E-08	5.0E-08	7.4E-06	4.7E-09	0.0E+00
INFNT	3.1E-08	2.4E-09	9.9E-08	1.3E-07	8.4E-08	1.8E-05	8.3E-09	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD E								
ADULT	3.6E-08	3.2E-09	2.9E-08	5.0E-08	2.9E-08	2.9E-06	4.7E-09	0.0E+00
TEEN	3.8E-08	4.2E-09	5.3E-08	8.7E-08	5.0E-08	4.5E-06	9.2E-09	0.0E+00
CHILD	3.7E-08	3.4E-09	1.3E-07	1.5E-07	8.2E-08	8.9E-06	1.4E-08	0.0E+00
INFNT	4.9E-08	3.4E-09	2.1E-07	2.9E-07	1.4E-07	2.2E-05	2.5E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	6.6E-09	2.2E-09	6.0E-09	9.9E-09	1.3E-08	2.1E-06	1.3E-09	0.0E+00
TEEN	7.1E-09	2.2E-09	8.3E-09	1.3E-08	1.7E-08	2.5E-06	1.5E-09	0.0E+00
CHILD	6.3E-09	1.4E-09	1.1E-08	1.3E-08	1.6E-08	2.8E-06	1.3E-09	0.0E+00
INFNT	4.1E-09	7.1E-10	8.4E-09	1.1E-08	1.0E-08	2.6E-06	7.8E-10	0.0E+00

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INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ADULT	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.9E-07	2.4E-06
TEEN	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.9E-07	2.4E-06
CHILD	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.9E-07	2.4E-06
INFNT	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.4E-07	7.9E-07	2.4E-06
GROUND PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ADULT	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	2.1E-07
TEEN	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	2.1E-07
CHILD	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	2.1E-07
INFNT	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	1.8E-07	2.1E-07
VEGET PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ADULT	1.7E-07	1.6E-08	1.4E-07	2.4E-07	1.4E-07	1.3E-05	2.4E-08	0.0E+00
TEEN	1.4E-07	1.4E-08	2.0E-07	3.4E-07	1.6E-07	1.1E-05	4.1E-08	0.0E+00
CHILD	1.2E-07	1.1E-08	4.6E-07	5.4E-07	2.4E-07	1.6E-05	6.0E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
[illegible]AT PATHWAY, DIST GP= 1, 2434. METERS, WINDS TOWARD ESE								
ADULT	9.2E-09	1.0E-09	7.6E-09	1.3E-08	7.8E-09	8.1E-07	1.3E-09	0.0E+00
TEEN	4.5E-09	6.1E-10	6.3E-09	1.0E-08	6.3E-09	5.9E-07	1.1E-09	0.0E+00
CHILD	3.5E-09	4.3E-10	1.1E-08	1.3E-08	7.9E-09	8.9E-07	1.3E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ESE								
ADULT	1.3E-08	2.6E-09	1.3E-08	2.0E-08	1.9E-08	2.9E-06	1.3E-09	0.0E+00
TEEN	1.6E-08	3.5E-09	2.3E-08	3.5E-08	3.3E-08	4.5E-06	2.6E-09	0.0E+00
CHILD	2.1E-08	2.8E-09	5.4E-08	6.0E-08	5.5E-08	9.0E-06	3.9E-09	0.0E+00
INFNT	3.5E-08	2.8E-09	1.0E-07	1.3E-07	9.4E-08	2.2E-05	6.9E-09	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ESE								
ADULT	3.1E-08	3.6E-09	2.7E-08	4.5E-08	2.9E-08	3.4E-06	3.9E-09	0.0E+00
TEEN	3.4E-08	4.7E-09	4.8E-08	7.8E-08	5.2E-08	5.4E-06	7.7E-09	0.0E+00
CHILD	3.6E-08	3.8E-09	1.1E-07	1.3E-07	8.5E-08	1.1E-05	1.2E-08	0.0E+00
INFNT	5.1E-08	3.9E-09	2.0E-07	2.7E-07	1.4E-07	2.6E-05	2.0E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
[illegible]ULT	9.3E-09	3.3E-09	9.0E-09	1.4E-08	2.1E-08	3.6E-06	1.6E-09	0.0E+00
[illegible]EN	1.1E-08	3.4E-09	1.3E-08	1.9E-08	2.8E-08	4.4E-06	1.7E-09	0.0E+00
CHILD	9.9E-09	2.1E-09	1.7E-08	1.9E-08	2.6E-08	4.9E-06	1.5E-09	0.0E+00
INFNT	6.8E-09	1.0E-09	1.3E-08	1.6E-08	1.7E-08	4.5E-06	9.1E-10	0.0E+00

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
TEEN	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
CHILD	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
INFNT	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
GROUND PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	8.2E-07
TEEN	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	8.2E-07
CHILD	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	8.2E-07
INFNT	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	7.0E-07	8.2E-07
VEGET PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	6.4E-07	5.0E-08	5.3E-07	9.0E-07	4.6E-07	3.7E-05	9.1E-08	0.0E+00
TEEN	5.4E-07	4.3E-08	7.7E-07	1.3E-06	5.8E-07	3.1E-05	1.6E-07	0.0E+00
CHILD	4.4E-07	3.4E-08	1.8E-06	2.1E-06	8.6E-07	4.7E-05	2.3E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 4354. METERS, WINDS TOWARD SE								
ADULT	5.2E-09	4.8E-10	4.2E-09	7.3E-09	3.9E-09	3.5E-07	7.6E-10	0.0E+00
TEEN	2.5E-09	2.9E-10	3.5E-09	5.8E-09	3.2E-09	2.5E-07	6.7E-10	0.0E+00
CHILD	1.8E-09	2.0E-10	6.3E-09	7.5E-09	3.9E-09	3.8E-07	7.7E-10	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 6840. METERS, WINDS TOWARD SE								
ADULT	2.4E-08	3.9E-09	2.2E-08	3.5E-08	2.9E-08	4.2E-06	2.6E-09	0.0E+00
TEEN	2.8E-08	5.1E-09	3.9E-08	6.2E-08	5.2E-08	6.6E-06	5.1E-09	0.0E+00
CHILD	3.4E-08	4.1E-09	9.3E-08	1.1E-07	8.5E-08	1.3E-05	7.7E-09	0.0E+00
INFNT	5.3E-08	4.1E-09	1.7E-07	2.2E-07	1.4E-07	3.1E-05	1.4E-08	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SE								
ADULT	4.5E-08	4.1E-09	3.7E-08	6.3E-08	3.7E-08	3.8E-06	5.6E-09	0.0E+00
TEEN	4.8E-08	5.4E-09	6.7E-08	1.1E-07	6.5E-08	5.9E-06	1.2E-08	0.0E+00
CHILD	4.7E-08	4.4E-09	1.6E-07	1.8E-07	1.1E-07	1.2E-05	1.7E-08	0.0E+00
INFNT	6.3E-08	4.5E-09	2.7E-07	3.7E-07	1.8E-07	2.9E-05	3.1E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	2.3E-08	7.9E-09	2.2E-08	3.6E-08	4.9E-08	8.3E-06	4.1E-09	0.0E+00
TEEN	2.6E-08	8.1E-09	3.1E-08	4.8E-08	6.6E-08	1.0E-05	4.6E-09	0.0E+00
CHILD	2.4E-08	5.0E-09	4.2E-08	4.6E-08	6.2E-08	1.1E-05	4.0E-09	0.0E+00
INFNT	1.6E-08	2.4E-09	3.2E-08	4.0E-08	4.0E-08	1.0E-05	2.4E-09	0.0E+00

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.1E-06	2.9E-06
TEEN	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.1E-06	2.9E-06
CHILD	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.1E-06	2.9E-06
INFNT	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.1E-06	2.9E-06
GROUND PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.8E-07
TEEN	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.8E-07
CHILD	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.8E-07
INFNT	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.8E-07
VEGET PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	4.1E-07	4.8E-08	3.5E-07	5.8E-07	3.9E-07	4.5E-05	5.2E-08	0.0E+00
TEEN	3.5E-07	3.8E-08	4.9E-07	8.1E-07	4.5E-07	3.7E-05	9.0E-08	0.0E+00
CHILD	3.0E-07	2.7E-08	1.1E-06	1.3E-06	6.4E-07	5.6E-05	1.3E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	4.4E-08	5.7E-09	3.8E-08	6.3E-08	4.4E-08	5.5E-06	5.5E-09	0.0E+00
TEEN	2.2E-08	3.4E-09	3.1E-08	5.0E-08	3.6E-08	4.0E-06	4.9E-09	0.0E+00
CHILD	1.9E-08	2.2E-09	5.7E-08	6.5E-08	4.5E-08	6.0E-06	5.6E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 6840. METERS, WINDS TOWARD SSE								
ADULT	2.5E-08	5.8E-09	2.4E-08	3.8E-08	4.1E-08	6.8E-06	2.0E-09	0.0E+00
TEEN	3.2E-08	7.8E-09	4.4E-08	6.7E-08	7.3E-08	1.1E-05	3.9E-09	0.0E+00
CHILD	4.5E-08	6.2E-09	1.1E-07	1.1E-07	1.2E-07	2.1E-05	5.9E-09	0.0E+00
INFNT	7.7E-08	6.1E-09	2.0E-07	2.5E-07	2.1E-07	5.1E-05	1.0E-08	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSE								
ADULT	4.0E-08	5.8E-09	3.6E-08	5.8E-08	4.5E-08	6.1E-06	4.4E-09	0.0E+00
TEEN	4.6E-08	7.7E-09	6.4E-08	1.0E-07	8.0E-08	9.7E-06	8.8E-09	0.0E+00
CHILD	5.4E-08	6.1E-09	1.5E-07	1.7E-07	1.3E-07	1.9E-05	1.3E-08	0.0E+00
INFNT	8.1E-08	6.1E-09	2.7E-07	3.6E-07	2.2E-07	4.7E-05	2.4E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	1.3E-08	4.3E-09	1.2E-08	2.0E-08	2.7E-08	4.5E-06	2.3E-09	0.0E+00
TEEN	1.4E-08	4.4E-09	1.7E-08	2.6E-08	3.6E-08	5.5E-06	2.6E-09	0.0E+00
CHILD	1.3E-08	2.8E-09	2.3E-08	2.5E-08	3.3E-08	6.1E-06	2.3E-09	0.0E+00
INFNT	8.7E-09	1.3E-09	1.7E-08	2.2E-08	2.2E-08	5.6E-06	1.4E-09	0.0E+00

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME	PATHWAY,	DIST GP= 1,		863. METERS, WINDS TOWARD S				
ADULT	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	5.0E-06
TEEN	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	5.0E-06
CHILD	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	5.0E-06
INFNT	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.8E-06	1.9E-06	5.0E-06
GROUND	PATHWAY,	DIST GP= 1,		863. METERS, WINDS TOWARD S				
ADULT	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	5.1E-07
TEEN	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	5.1E-07
CHILD	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	5.1E-07
INFNT	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	4.3E-07	5.1E-07
VEGET	PATHWAY,	DIST GP= 1,		863. METERS, WINDS TOWARD S				
ADULT	4.7E-07	7.4E-08	4.2E-07	6.8E-07	5.5E-07	7.5E-05	5.5E-08	0.0E+00
TEEN	4.0E-07	5.8E-08	5.6E-07	9.0E-07	6.0E-07	6.2E-05	9.4E-08	0.0E+00
CHILD	3.7E-07	4.2E-08	1.2E-06	1.4E-06	8.3E-07	9.4E-05	1.4E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT	PATHWAY,	DIST GP= 1,		6115. METERS, WINDS TOWARD S				
ADULT	1.9E-09	3.4E-10	1.7E-09	2.8E-09	2.4E-09	3.4E-07	2.3E-10	0.0E+00
TEEN	1.0E-09	2.1E-10	1.4E-09	2.2E-09	1.9E-09	2.4E-07	2.0E-10	0.0E+00
CHILD	9.7E-10	1.4E-10	2.6E-09	2.9E-09	2.4E-09	3.7E-07	2.3E-10	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW	PATHWAY,	DIST GP= 1,		8045. METERS, WINDS TOWARD S				
ADULT	1.7E-08	4.8E-09	1.7E-08	2.7E-08	3.3E-08	5.7E-06	1.1E-09	0.0E+00
TEEN	2.3E-08	6.4E-09	3.1E-08	4.7E-08	5.9E-08	9.0E-06	2.1E-09	0.0E+00
CHILD	3.5E-08	5.1E-09	7.5E-08	8.0E-08	9.7E-08	1.8E-05	3.1E-09	0.0E+00
INFNT	6.3E-08	5.1E-09	1.5E-07	1.8E-07	1.7E-07	4.3E-05	5.5E-09	0.0E+00
GOAT	PATHWAY,	DIST GP= 1,		8045. METERS, WINDS TOWARD S				
ADULT	3.2E-08	6.2E-09	3.0E-08	4.8E-08	4.5E-08	6.9E-06	3.1E-09	0.0E+00
TEEN	3.9E-08	8.2E-09	5.4E-08	8.4E-08	8.0E-08	1.1E-05	6.1E-09	0.0E+00
CHILD	5.1E-08	6.5E-09	1.3E-07	1.4E-07	1.3E-07	2.1E-05	9.2E-09	0.0E+00
INFNT	8.3E-08	6.6E-09	2.4E-07	3.1E-07	2.2E-07	5.2E-05	1.6E-08	0.0E+00
INHAL	PATHWAY,	DIST GP= 1,		863. METERS, WINDS TOWARD S				
ADULT	2.3E-08	7.9E-09	2.3E-08	3.6E-08	5.0E-08	8.7E-06	3.8E-09	0.0E+00
TEEN	2.6E-08	8.1E-09	3.2E-08	4.8E-08	6.8E-08	1.1E-05	4.3E-09	0.0E+00
CHILD	2.4E-08	5.0E-09	4.3E-08	4.7E-08	6.4E-08	1.2E-05	3.8E-09	0.0E+00
INFNT	1.6E-08	2.4E-09	3.2E-08	4.0E-08	4.1E-08	1.1E-05	2.3E-09	0.0E+00

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 1 1 1 THRU 87 33124

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
ADULT	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.7E-06	4.5E-06
TEEN	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.7E-06	4.5E-06
CHILD	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.7E-06	4.5E-06
INFNT	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.7E-06	4.5E-06
GROUND PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
ADULT	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	6.0E-07
TEEN	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	6.0E-07
CHILD	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	6.0E-07
INFNT	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	5.1E-07	6.0E-07
VEGET PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
ADULT	5.0E-07	5.8E-08	4.3E-07	7.2E-07	4.7E-07	5.3E-05	6.6E-08	0.0E+00
TEEN	4.3E-07	4.7E-08	6.1E-07	1.0E-06	5.4E-07	4.4E-05	1.1E-07	0.0E+00
CHILD	3.7E-07	3.5E-08	1.4E-06	1.6E-06	7.8E-07	6.7E-05	1.7E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
[illegible]T PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW								
ADULT	1.0E-09	1.4E-10	8.7E-10	1.5E-09	1.0E-09	1.2E-07	1.4E-10	0.0E+00
TEEN	5.2E-10	8.5E-11	7.2E-10	1.2E-09	8.2E-10	8.8E-08	1.2E-10	0.0E+00
CHILD	4.4E-10	5.9E-11	1.3E-09	1.5E-09	1.0E-09	1.3E-07	1.4E-10	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW								
ADULT	1.3E-08	2.9E-09	1.2E-08	1.9E-08	2.1E-08	3.4E-06	1.1E-09	0.0E+00
TEEN	1.6E-08	3.9E-09	2.2E-08	3.4E-08	3.7E-08	5.3E-06	2.1E-09	0.0E+00
CHILD	2.3E-08	3.1E-09	5.4E-08	5.8E-08	6.1E-08	1.1E-05	3.1E-09	0.0E+00
INFNT	3.9E-08	3.1E-09	1.0E-07	1.3E-07	1.0E-07	2.6E-05	5.6E-09	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW								
ADULT	2.7E-08	3.9E-09	2.4E-08	4.0E-08	3.0E-08	4.0E-06	3.1E-09	0.0E+00
TEEN	3.1E-08	5.1E-09	4.4E-08	7.0E-08	5.3E-08	6.4E-06	6.2E-09	0.0E+00
CHILD	3.6E-08	4.1E-09	1.0E-07	1.2E-07	8.8E-08	1.3E-05	9.3E-09	0.0E+00
INFNT	5.4E-08	4.1E-09	1.9E-07	2.4E-07	1.5E-07	3.1E-05	1.6E-08	0.0E+00
INHAL PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
[illegible]ULT	2.1E-08	6.8E-09	1.9E-08	3.2E-08	4.2E-08	6.9E-06	3.8E-09	0.0E+00
[illegible]EN	2.3E-08	7.0E-09	2.7E-08	4.2E-08	5.6E-08	8.5E-06	4.3E-09	0.0E+00
CHILD	2.0E-08	4.4E-09	3.7E-08	4.1E-08	5.2E-08	9.5E-06	3.8E-09	0.0E+00
INFNT	1.4E-08	2.1E-09	2.7E-08	3.5E-08	3.4E-08	8.6E-06	2.3E-09	0.0E+00

APPENDIX 1.3

SUMMARY OF MAXIMUM INDIVIDUAL DOSES FOR SECOND QUARTER OF 1987

SUMMARY OF MAXIMUM INDIVIDUAL DOSES - 2ND QUARTER 1987

EFFLUENT	APPLICABLE ORGAN	ESTIMATED DOSE (MREM)	AGE GROUP	LOCATION DIST DIR (M)(Toward)	% OF APPLICABLE LIMIT	QUARTERLY LIMIT (MR)
Liquid	Total Body	1.17 E-1	Adult	Receptor 1	7.80 E 0	1.5
Liquid	Liver	1.50 E-1	Adult	Receptor 1	3.00 E 0	5.0
Noble Gas	Air Dose (Gamma-mrad)	9.03 E-2	All	617 NNE	1.81 E 0	5.0
Noble Gas	Air Dose (Beta-mrad)	2.23 E-1	All	617 NNE	2.23 E 0	10.0
Noble Gas	Total Body	3.52 E-2	All	814 NNE	7.04 E-1	Yearly 5.0
Noble Gas	Skin	1.03 E-1	All	814 NNE	6.87 E-1	Yearly 15.0
Iodines and Particulates	Thyroid	7.57 E-1	Child	814 NNE	1.01 E+1	7.5

FOR RECEPTOR NUMBER 1

LAST LIQUID DOSE ACCUMULATIONS(REM)
START DATE 87 4 1 1 END DATE 87 63024

	BONE	LIVER	T.BODY	THYRD	KIDNEY	LUNG	GI-LLI	SKIN
WATER								
ADULT	5.1E-07	1.6E-05	1.6E-05	2.5E-05	1.6E-05	1.6E-05	1.6E-05	0.0E+00
TEEN	4.9E-07	1.2E-05	1.1E-05	1.9E-05	1.1E-05	1.1E-05	1.1E-05	0.0E+00
CHILD	1.4E-06	2.3E-05	2.1E-05	4.0E-05	2.2E-05	2.1E-05	2.1E-05	0.0E+00
INFANT	1.5E-06	2.3E-05	2.1E-05	5.1E-05	2.1E-05	2.1E-05	2.1E-05	0.0E+00
SHORE								
ADULT	7.4E-08	7.4E-08	7.4E-08	7.4E-08	7.4E-08	7.4E-08	7.4E-08	8.6E-08
TEEN	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.1E-07	4.8E-07
CHILD	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	8.6E-08	1.0E-07
INFANT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
FW SPT FISH								
ADULT	7.3E-05	1.3E-04	1.0E-04	1.1E-05	4.5E-05	1.6E-05	1.5E-05	0.0E+00
TEEN	7.6E-05	1.4E-04	5.8E-05	1.0E-05	4.6E-05	1.8E-05	1.1E-05	0.0E+00
CHILD	9.4E-05	1.2E-04	2.3E-05	1.0E-05	3.8E-05	1.4E-05	4.2E-06	0.0E+00
INFANT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

ENTER: [RETURN] CONTINUE, [SO] START OVER, [EX] EXIT

LAST LIQUID DOSE ACCUMULATIONS(REM)
START DATE 87 4 1 1 END DATE 87 63024

	BONE	LIVER	T.BODY	THYRD	KIDNEY	LUNG	GI-LLI	SKIN
TOTAL								
ADULT	7.3E-05	1.5E-04	1.2E-04	3.6E-05	6.1E-05	3.1E-05	3.1E-05	8.6E-08
TEEN	7.7E-05	1.5E-04	6.9E-05	3.0E-05	5.7E-05	2.9E-05	2.2E-05	4.8E-07
CHILD	9.6E-05	1.4E-04	4.4E-05	5.1E-05	6.0E-05	3.5E-05	2.6E-05	1.0E-07
INFANT	1.5E-06	2.3E-05	2.1E-05	5.1E-05	2.1E-05	2.1E-05	2.1E-05	0.0E+00

GA
DATES OF LAST AIR DOSE ACCUMULATION ARE FROM 87 4 1 1 0 TO 87 63024 0
DOSE ACCUMULATION FOR GAMMA RAD
FOR RELEASE POINT 1

**DIRECTION FROM N				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NNE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM ENE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM E				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM ESE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM SE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM SSE				
[illegible]00E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM S				
5.1919E-05	5.0599E-06	2.7441E-06	1.7815E-06	1.3042E-06
6.9857E-07	2.9701E-07	1.5009E-07	9.6443E-08	6.3195E-08
**DIRECTION FROM SSW				
7.2987E-05	8.0131E-06	4.1720E-06	2.6441E-06	1.9104E-06
1.0021E-06	4.1759E-07	2.1121E-07	1.3614E-07	8.8172E-08
**DIRECTION FROM SW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM WSW				
1.1050E-05	1.5476E-06	7.0432E-07	4.0467E-07	2.8480E-07
1.4437E-07	5.6166E-08	2.7695E-08	1.7659E-08	1.1016E-08
**DIRECTION FROM W				
2.6760E-05	3.7477E-06	1.7056E-06	9.7995E-07	6.8968E-07
3.5106E-07	1.3601E-07	6.7067E-08	4.2762E-08	2.6676E-08
**DIRECTION FROM WNW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NNW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
[illegible]0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00

[illegible]TANCES USED IN CALCULATIONS
[illegible]594.0 2416.0 4020.0 5630.0 7240.0
12067.0 24135.0 40225.0 56315.0 80500.0

FOR RELEASE POINT 2

**DIRECTION FROM N

1.9770E-05	2.5372E-06	1.1841E-06	6.9585E-07	4.9202E-07
2.5144E-07	9.9130E-08	4.9396E-08	3.1681E-08	1.9989E-08

**DIRECTION FROM NNE

1.0728E-05	1.1592E-06	5.3004E-07	3.1075E-07	2.1660E-07
1.0728E-07	4.1234E-08	2.0535E-08	1.3211E-08	8.3276E-09

**DIRECTION FROM NE

1.3756E-05	1.5782E-06	7.5923E-07	4.5796E-07	3.2433E-07
1.6491E-07	6.5463E-08	3.2574E-08	2.0826E-08	1.3201E-08

**DIRECTION FROM ENE

1.5669E-05	1.8173E-06	9.2295E-07	5.7698E-07	4.1244E-07
2.1228E-07	8.7058E-08	4.4137E-08	2.8556E-08	1.8339E-08

**DIRECTION FROM - E

1.2034E-05	1.3707E-06	6.9057E-07	4.2963E-07	3.0729E-07
1.5855E-07	6.4941E-08	3.2874E-08	2.1246E-08	1.3652E-08

**DIRECTION FROM ESE

1.5382E-05	1.6449E-06	8.3697E-07	5.2417E-07	3.7666E-07
1.9588E-07	8.0691E-08	4.0730E-08	2.6242E-08	1.6948E-08

**DIRECTION FROM SE

2.3455E-05	2.6764E-06	1.3381E-06	8.2694E-07	5.9195E-07
3.0636E-07	1.2499E-07	6.2885E-08	4.0459E-08	2.5972E-08

**DIRECTION FROM SSE

1.9407E-05	2.2018E-06	1.1146E-06	6.9453E-07	4.9782E-07
2.5783E-07	1.0573E-07	5.3323E-08	3.4351E-08	2.2087E-08

**DIRECTION FROM S

1.2617E-05	1.4561E-06	7.2402E-07	4.4587E-07	3.1866E-07
1.6451E-07	6.6960E-08	3.3749E-08	2.1744E-08	1.3934E-08

**DIRECTION FROM SSW

2.2840E-05	2.6220E-06	1.3228E-06	8.2268E-07	5.8922E-07
3.0492E-07	1.2500E-07	6.3156E-08	4.0753E-08	2.6193E-08

**DIRECTION FROM SW

1.4769E-05	1.7752E-06	8.6477E-07	5.2518E-07	3.7283E-07
1.9035E-07	7.6262E-08	3.8201E-08	2.4535E-08	1.5586E-08

**DIRECTION FROM WSW

1.9986E-05	2.4722E-06	1.1614E-06	6.8836E-07	4.8343E-07
2.4259E-07	9.4675E-08	4.7115E-08	3.0195E-08	1.8948E-08

**DIRECTION FROM W

1.0670E-05	1.2763E-06	5.9221E-07	3.4791E-07	2.4379E-07
1.3191E-07	4.7020E-08	2.3171E-08	1.4746E-08	9.2204E-09

**DIRECTION FROM WNW

6.9073E-06	8.2048E-07	3.7781E-07	2.2091E-07	1.5501E-07
7.7965E-08	3.0281E-08	1.5101E-08	9.7026E-09	6.1082E-09

**DIRECTION FROM NW

1.0276E-05	1.2323E-06	5.7083E-07	3.3507E-07	2.3524E-07
1.1831E-07	4.6013E-08	2.2908E-08	1.4697E-08	9.2470E-09

**DIRECTION FROM NNW

8.1599E-06	1.0027E-06	4.5883E-07	2.6692E-07	1.8623E-07
9.2538E-08	3.5406E-08	1.7504E-08	1.1182E-08	6.9613E-09

DISTANCES USED IN CALCULATIONS

594.0	2416.0	4020.0	5630.0	7240.0
12067.0	24135.0	40225.0	56315.0	80500.0

DATES OF LAST AIR DOSE ACCUMULATION ARE FROM 87 4 1 1 0 TO 87 63024 0
DOSE ACCUMULATION FOR BETA RAD
FOR RELEASE POINT 1

**DIRECTION FROM N				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NNE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM ENE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM E				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM ESE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM SE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM SSE				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM S				
9.4795E-05	9.2384E-06	5.0102E-06	3.2526E-06	2.3812E-06
1.2755E-06	5.4229E-07	2.7404E-07	1.7609E-07	1.1538E-07
**DIRECTION FROM SSW				
1.7669E-04	2.0405E-05	1.0451E-05	6.5571E-06	4.7108E-06
2.4484E-06	1.0109E-06	5.1154E-07	3.3021E-07	2.1270E-07
**DIRECTION FROM SW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM WSW				
3.3296E-05	4.6631E-06	2.1222E-06	1.2193E-06	8.5814E-07
4.3681E-07	1.6923E-07	8.3449E-08	5.3207E-08	3.3192E-08
**DIRECTION FROM W				
8.0631E-05	1.1292E-05	5.1392E-06	2.9527E-06	2.0781E-06
1.0578E-06	4.0982E-07	2.0208E-07	1.2885E-07	8.0377E-08
**DIRECTION FROM WNW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
**DIRECTION FROM NNW				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00

DISTANCES USED IN CALCULATIONS

594.0	2416.0	4020.0	5630.0	7240.0
12067.0	24135.0	40225.0	56315.0	80500.0

FOR RELEASE POINT 2

**DIRECTION FROM N				
5.2343E-05	6.7199E-06	3.1354E-06	1.8422E-06	1.3025E-06
6.6557E-07	2.6235E-07	1.3072E-07	8.3840E-08	5.2894E-08
**DIRECTION FROM NNE				
2.8711E-05	3.1047E-06	1.4205E-06	8.3310E-07	5.8076E-07
2.8768E-07	1.1061E-07	5.5097E-08	3.5449E-08	2.2348E-08
**DIRECTION FROM NE				
3.6491E-05	4.1827E-06	2.0126E-06	1.2143E-06	8.5990E-07
4.3719E-07	1.7355E-07	8.6362E-08	5.5216E-08	3.5002E-08
**DIRECTION FROM ENE				
4.1259E-05	4.7914E-06	2.4309E-06	1.5186E-06	1.0853E-06
5.5843E-07	2.2888E-07	1.1602E-07	7.5056E-08	4.8187E-08
**DIRECTION FROM E				
3.1841E-05	3.6338E-06	1.8306E-06	1.1388E-06	8.1444E-07
4.2016E-07	1.7207E-07	8.7103E-08	5.6294E-08	3.6167E-08
**DIRECTION FROM ESE				
4.0303E-05	4.3143E-06	2.1940E-06	1.3735E-06	9.8688E-07
5.1317E-07	2.1135E-07	1.0668E-07	6.8730E-08	4.4381E-08
**DIRECTION FROM SE				
6.2090E-05	7.0836E-06	3.5418E-06	2.1889E-06	1.5668E-06
8.1078E-07	3.3077E-07	1.6641E-07	1.0707E-07	6.8726E-08
**DIRECTION FROM SSE				
5.0973E-05	5.7815E-06	2.9269E-06	1.8240E-06	1.3074E-06
6.7719E-07	2.7772E-07	1.4006E-07	9.0226E-08	5.8016E-08
**DIRECTION FROM S				
3.3377E-05	3.8460E-06	1.9143E-06	1.1797E-06	8.4331E-07
4.3552E-07	1.7736E-07	8.9398E-08	5.7597E-08	3.6918E-08
**DIRECTION FROM SSW				
5.9814E-05	6.8633E-06	3.4636E-06	2.1545E-06	1.5432E-06
7.9860E-07	3.2742E-07	1.6544E-07	1.0676E-07	6.8621E-08
**DIRECTION FROM SW				
3.8627E-05	4.6424E-06	2.2610E-06	1.3729E-06	9.7462E-07
4.9756E-07	1.9931E-07	9.9825E-08	6.4108E-08	4.0722E-08
**DIRECTION FROM WSW				
5.2423E-05	6.4873E-06	3.0474E-06	1.8059E-06	1.2682E-06
6.3627E-07	2.4826E-07	1.2353E-07	7.9159E-08	4.9668E-08
**DIRECTION FROM W				
2.8074E-05	3.3578E-06	1.5583E-06	9.1554E-07	6.4152E-07
3.2078E-07	1.2372E-07	6.0965E-08	3.8802E-08	2.4259E-08
**DIRECTION FROM WNW				
1.8308E-05	2.1714E-06	9.9973E-07	5.8457E-07	4.1007E-07
2.0814E-07	8.0028E-08	3.9905E-08	2.5640E-08	1.6139E-08
**DIRECTION FROM NW				
2.7307E-05	3.2681E-06	1.5152E-06	8.8999E-07	6.2494E-07
3.1438E-07	1.2234E-07	6.0919E-08	3.9088E-08	2.4601E-08
**DIRECTION FROM NNW				
2.1549E-05	2.6425E-06	1.2088E-06	7.0314E-07	4.9052E-07
2.4370E-07	9.3221E-08	4.6088E-08	2.9446E-08	1.8332E-08

DISTANCES USED IN CALCULATIONS

594.0	2416.0	4020.0	5630.0	7240.0
12067.0	24135.0	40225.0	56315.0	80500.0

THIS IS LAST ACCUMULATION

INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT

FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.7E-05	1.0E-04
TEEN	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.7E-05	1.0E-04
CHILD	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.7E-05	1.0E-04
INFNT	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.5E-05	3.7E-05	1.0E-04
GROUND PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.5E-05
TEEN	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.5E-05
CHILD	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.5E-05
INFNT	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.0E-05	3.5E-05
VEGET PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	2.6E-05	9.2E-07	2.0E-05	3.5E-05	1.3E-05	2.2E-04	3.8E-06	0.0E+00
TEEN	2.2E-05	9.3E-07	3.0E-05	5.3E-05	1.8E-05	1.9E-04	6.7E-06	0.0E+00
CHILD	1.6E-05	6.8E-07	7.0E-05	8.6E-05	2.9E-05	2.8E-04	9.8E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 7725. METERS, WINDS TOWARD NNE								
ADULT	6.0E-08	2.7E-09	4.5E-08	8.1E-08	2.9E-08	6.0E-07	8.8E-09	0.0E+00
TEEN	2.7E-08	1.5E-09	3.6E-08	6.4E-08	2.3E-08	4.4E-07	8.0E-09	0.0E+00
CHILD	1.6E-08	9.2E-10	6.6E-08	8.2E-08	2.9E-08	6.6E-07	9.2E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NNE								
ADULT	5.0E-07	2.5E-08	3.8E-07	6.8E-07	2.9E-07	1.6E-05	6.9E-08	0.0E+00
TEEN	5.0E-07	3.3E-08	6.8E-07	1.2E-06	5.0E-07	2.5E-05	1.4E-07	0.0E+00
CHILD	4.2E-07	2.5E-08	1.6E-06	2.0E-06	8.2E-07	4.9E-05	2.1E-07	0.0E+00
INFNT	4.6E-07	2.5E-08	2.6E-06	3.8E-06	1.3E-06	1.2E-04	3.7E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NNE								
ADULT	1.4E-06	5.2E-08	1.1E-06	1.9E-06	7.2E-07	1.9E-05	2.1E-07	0.0E+00
TEEN	1.4E-06	6.6E-08	1.9E-06	3.4E-06	1.3E-06	3.0E-05	4.1E-07	0.0E+00
CHILD	1.1E-06	5.0E-08	4.5E-06	5.6E-06	2.0E-06	5.8E-05	6.2E-07	0.0E+00
INFNT	1.1E-06	4.9E-08	7.4E-06	1.1E-05	3.2E-06	1.4E-04	1.1E-06	0.0E+00
INHAL PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE								
ADULT	9.0E-07	7.9E-08	6.9E-07	1.2E-06	6.8E-07	5.5E-05	1.7E-07	0.0E+00
TEEN	7.3E-07	8.2E-08	9.6E-07	1.6E-06	9.1E-07	6.8E-05	2.5E-07	0.0E+00
CHILD	3.9E-07	4.6E-08	1.3E-06	1.5E-06	8.3E-07	7.6E-05	2.1E-07	0.0E+00
INFNT	1.9E-07	2.1E-08	8.2E-07	1.1E-06	5.2E-07	7.0E-05	1.4E-07	0.0E+00

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.8E-06	9.8E-06
TEEN	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.8E-06	9.8E-06
CHILD	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.8E-06	9.8E-06
INFNT	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.6E-06	3.8E-06	9.8E-06
GROUND PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.6E-05
TEEN	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.6E-05
CHILD	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.6E-05
INFNT	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.4E-05	1.6E-05
VEGET PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	1.2E-05	3.9E-07	8.9E-06	1.6E-05	5.5E-06	6.9E-05	1.7E-06	0.0E+00
TEEN	9.8E-06	4.0E-07	1.4E-05	2.4E-05	8.1E-06	5.7E-05	3.0E-06	0.0E+00
CHILD	7.1E-06	2.8E-07	3.2E-05	3.9E-05	1.3E-05	8.7E-05	4.4E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 7725. METERS, WINDS TOWARD NE								
ADULT	4.1E-08	1.8E-09	3.1E-08	5.6E-08	2.0E-08	2.9E-07	6.0E-09	0.0E+00
TEEN	1.8E-08	1.0E-09	2.5E-08	4.4E-08	1.5E-08	2.1E-07	5.5E-09	0.0E+00
CHILD	1.1E-08	5.6E-10	4.6E-08	5.6E-08	1.9E-08	3.1E-07	6.3E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NE								
ADULT	3.4E-07	1.4E-08	2.6E-07	4.6E-07	1.8E-07	7.4E-06	4.8E-08	0.0E+00
TEEN	3.3E-07	1.8E-08	4.6E-07	8.0E-07	3.2E-07	1.2E-05	9.5E-08	0.0E+00
CHILD	2.7E-07	1.4E-08	1.1E-06	1.3E-06	5.1E-07	2.3E-05	1.4E-07	0.0E+00
INFNT	2.8E-07	1.3E-08	1.8E-06	2.5E-06	8.2E-07	5.6E-05	2.5E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NE								
ADULT	9.9E-07	3.1E-08	7.4E-07	1.3E-06	4.8E-07	8.8E-06	1.4E-07	0.0E+00
TEEN	9.6E-07	4.0E-08	1.3E-06	2.3E-06	8.3E-07	1.4E-05	2.9E-07	0.0E+00
CHILD	7.4E-07	3.0E-08	3.1E-06	3.9E-06	1.3E-06	2.8E-05	4.3E-07	0.0E+00
INFNT	7.1E-07	2.8E-08	5.1E-06	7.3E-06	2.1E-06	6.7E-05	7.6E-07	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE								
ADULT	2.6E-07	1.2E-08	2.0E-07	3.3E-07	1.6E-07	1.0E-05	5.1E-08	0.0E+00
TEEN	2.0E-07	1.2E-08	2.7E-07	4.5E-07	2.1E-07	1.3E-05	7.7E-08	0.0E+00
CHILD	9.7E-08	5.8E-09	3.6E-07	4.2E-07	2.0E-07	1.4E-05	6.5E-08	0.0E+00
INFNT	4.2E-08	2.3E-09	2.3E-07	3.1E-07	1.2E-07	1.3E-05	4.3E-08	0.0E+00

THIS IS LAST ACCUMULATION

INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT

FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.6E-06	9.8E-06
TEEN	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.6E-06	9.8E-06
CHILD	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.6E-06	9.8E-06
INFNT	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.6E-06	9.8E-06
GROUND PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.4E-05
TEEN	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.4E-05
CHILD	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.4E-05
INFNT	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.2E-05	1.4E-05
VEGET PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	1.0E-05	3.3E-07	7.7E-06	1.4E-05	4.8E-06	5.6E-05	1.5E-06	0.0E+00
TEEN	8.5E-06	3.4E-07	1.2E-05	2.1E-05	7.0E-06	4.6E-05	2.6E-06	0.0E+00
CHILD	6.2E-06	2.4E-07	2.8E-05	3.4E-05	1.1E-05	7.0E-05	3.8E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 3862. METERS, WINDS TOWARD ENE								
ADULT	3.3E-07	1.3E-08	2.4E-07	4.4E-07	1.5E-07	2.1E-06	4.7E-08	0.0E+00
TEEN	1.4E-07	7.5E-09	2.0E-07	3.5E-07	1.2E-07	1.5E-06	4.3E-08	0.0E+00
CHILD	8.4E-08	4.1E-09	3.6E-07	4.4E-07	1.5E-07	2.3E-06	5.0E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ENE								
ADULT	7.5E-07	3.0E-08	5.7E-07	1.0E-06	4.0E-07	1.5E-05	1.1E-07	0.0E+00
TEEN	7.4E-07	3.9E-08	1.0E-06	1.8E-06	6.9E-07	2.4E-05	2.1E-07	0.0E+00
CHILD	5.9E-07	3.0E-08	2.4E-06	2.9E-06	1.1E-06	4.8E-05	3.2E-07	0.0E+00
INFNT	6.2E-07	2.8E-08	3.9E-06	5.6E-06	1.8E-06	1.2E-04	5.6E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ENE								
ADULT	2.2E-06	6.9E-08	1.6E-06	3.0E-06	1.1E-06	1.8E-05	3.2E-07	0.0E+00
TEEN	2.1E-06	8.7E-08	2.9E-06	5.2E-06	1.8E-06	2.9E-05	6.4E-07	0.0E+00
CHILD	1.6E-06	6.5E-08	7.0E-06	8.6E-06	2.9E-06	5.7E-05	9.6E-07	0.0E+00
INFNT	1.6E-06	6.2E-08	1.1E-05	1.6E-05	4.6E-06	1.4E-04	1.7E-06	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1852. METERS, WINDS TOWARD ENE								
ADULT	1.6E-07	8.6E-09	1.2E-07	2.1E-07	1.0E-07	7.4E-06	3.4E-08	0.0E+00
TEEN	1.3E-07	8.7E-09	1.7E-07	2.8E-07	1.4E-07	9.1E-06	5.2E-08	0.0E+00
CHILD	6.3E-08	4.1E-09	2.3E-07	2.6E-07	1.3E-07	1.0E-05	4.3E-08	0.0E+00
INFNT	2.8E-08	1.6E-09	1.4E-07	1.9E-07	7.9E-08	9.3E-06	2.9E-08	0.0E+00

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	5.1E-06	1.4E-05
TEEN	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	5.1E-06	1.4E-05
CHILD	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	5.1E-06	1.4E-05
INFNT	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	4.8E-06	5.1E-06	1.4E-05
GROUND PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	7.1E-06
TEEN	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	7.1E-06
CHILD	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	7.1E-06
INFNT	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	6.1E-06	7.1E-06
VEGET PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	5.2E-06	1.8E-07	4.0E-06	7.0E-06	2.5E-06	3.8E-05	7.6E-07	0.0E+00
TEEN	4.4E-06	1.9E-07	6.1E-06	1.1E-05	3.7E-06	3.1E-05	1.3E-06	0.0E+00
CHILD	3.2E-06	1.3E-07	1.4E-05	1.7E-05	5.7E-06	4.8E-05	2.0E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 6810. METERS, WINDS TOWARD E								
ADULT	5.1E-08	2.5E-09	3.8E-08	6.9E-08	2.5E-08	4.4E-07	7.5E-09	0.0E+00
TEEN	2.3E-08	1.4E-09	3.1E-08	5.5E-08	2.0E-08	3.2E-07	6.8E-09	0.0E+00
CHILD	1.3E-08	7.7E-10	5.7E-08	7.0E-08	2.4E-08	4.8E-07	7.8E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD E								
ADULT	3.4E-07	1.6E-08	2.6E-07	4.6E-07	1.9E-07	9.0E-06	4.8E-08	0.0E+00
TEEN	3.4E-07	2.0E-08	4.6E-07	8.0E-07	3.3E-07	1.4E-05	9.5E-08	0.0E+00
CHILD	2.8E-07	1.5E-08	1.1E-06	1.3E-06	5.4E-07	2.8E-05	1.4E-07	0.0E+00
INFNT	3.0E-07	1.5E-08	1.8E-06	2.6E-06	8.6E-07	6.8E-05	2.5E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD E								
ADULT	9.9E-07	3.3E-08	7.4E-07	1.3E-06	4.9E-07	1.1E-05	1.4E-07	0.0E+00
TEEN	9.7E-07	4.2E-08	1.3E-06	2.3E-06	8.4E-07	1.7E-05	2.8E-07	0.0E+00
CHILD	7.4E-07	3.1E-08	3.1E-06	3.9E-06	1.4E-06	3.4E-05	4.3E-07	0.0E+00
INFNT	7.3E-07	3.0E-08	5.1E-06	7.3E-06	2.1E-06	8.2E-05	7.6E-07	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E								
ADULT	1.1E-07	6.7E-09	8.3E-08	1.4E-07	7.4E-08	5.9E-06	2.6E-08	0.0E+00
TEEN	8.5E-08	6.8E-09	1.1E-07	1.9E-07	1.0E-07	7.3E-06	3.8E-08	0.0E+00
CHILD	4.4E-08	3.3E-09	1.5E-07	1.8E-07	9.2E-08	8.1E-06	3.2E-08	0.0E+00
INFNT	2.0E-08	1.4E-09	9.7E-08	1.3E-07	5.7E-08	7.4E-06	2.1E-08	0.0E+00

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ADULT	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	9.0E-07	2.4E-06
TEEN	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	9.0E-07	2.4E-06
CHILD	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	9.0E-07	2.4E-06
INFNT	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	8.6E-07	9.0E-07	2.4E-06
GROUND PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ADULT	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	6.7E-06
TEEN	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	6.7E-06
CHILD	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	6.7E-06
INFNT	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	5.7E-06	6.7E-06
VEGET PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ADULT	4.9E-06	1.8E-07	3.7E-06	6.6E-06	2.4E-06	3.9E-05	7.1E-07	0.0E+00
TEEN	4.1E-06	1.8E-07	5.8E-06	1.0E-05	3.4E-06	3.3E-05	1.3E-06	0.0E+00
CHILD	3.0E-06	1.3E-07	1.3E-05	1.6E-05	5.4E-06	4.9E-05	1.8E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
T PATHWAY, DIST GP= 1, 2434. METERS, WINDS TOWARD ESE								
ADULT	2.6E-07	1.4E-08	2.0E-07	3.5E-07	1.3E-07	2.5E-06	3.8E-08	0.0E+00
TEEN	1.2E-07	7.6E-09	1.6E-07	2.8E-07	1.0E-07	1.8E-06	3.4E-08	0.0E+00
CHILD	6.9E-08	4.2E-09	2.9E-07	3.6E-07	1.2E-07	2.7E-06	4.0E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ESE								
ADULT	3.0E-07	1.4E-08	2.3E-07	4.0E-07	1.7E-07	8.7E-06	4.1E-08	0.0E+00
TEEN	3.0E-07	1.8E-08	4.0E-07	7.0E-07	3.0E-07	1.4E-05	8.2E-08	0.0E+00
CHILD	2.5E-07	1.4E-08	9.6E-07	1.2E-06	4.8E-07	2.7E-05	1.2E-07	0.0E+00
INFNT	2.7E-07	1.3E-08	1.6E-06	2.3E-06	7.7E-07	6.6E-05	2.2E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ESE								
ADULT	8.6E-07	2.9E-08	6.5E-07	1.2E-06	4.3E-07	1.0E-05	1.2E-07	0.0E+00
TEEN	8.4E-07	3.8E-08	1.2E-06	2.0E-06	7.4E-07	1.6E-05	2.5E-07	0.0E+00
CHILD	6.5E-07	2.8E-08	2.7E-06	3.4E-06	1.2E-06	3.3E-05	3.7E-07	0.0E+00
INFNT	6.4E-07	2.7E-08	4.4E-06	6.4E-06	1.9E-06	7.9E-05	6.6E-07	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1628. METERS, WINDS TOWARD ESE								
ULT	8.1E-08	5.1E-09	6.3E-08	1.1E-07	5.8E-08	4.8E-06	2.0E-08	0.0E+00
EN	6.5E-08	5.1E-09	8.8E-08	1.4E-07	7.8E-08	5.9E-06	3.0E-08	0.0E+00
CHILD	3.4E-08	2.3E-09	1.2E-07	1.4E-07	7.2E-08	6.6E-06	2.5E-08	0.0E+00
INFNT	1.6E-08	9.2E-10	7.5E-08	1.0E-07	4.4E-08	6.0E-06	1.7E-08	0.0E+00

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.3E-06	8.5E-06
TEEN	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.3E-06	8.5E-06
CHILD	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.3E-06	8.5E-06
INFNT	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.3E-06	8.5E-06
GROUND PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	3.3E-05
TEEN	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	3.3E-05
CHILD	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	3.3E-05
INFNT	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	2.8E-05	3.3E-05
VEGET PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	2.4E-05	9.1E-07	1.8E-05	3.3E-05	1.2E-05	2.1E-04	3.5E-06	0.0E+00
TEEN	2.0E-05	9.2E-07	2.8E-05	4.9E-05	1.7E-05	1.7E-04	6.2E-06	0.0E+00
CHILD	1.5E-05	6.3E-07	6.6E-05	8.0E-05	2.7E-05	2.6E-04	9.1E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 4354. METERS, WINDS TOWARD SE								
ADULT	1.9E-07	1.0E-08	1.4E-07	2.6E-07	9.4E-08	1.9E-06	2.8E-08	0.0E+00
TEEN	8.7E-08	5.9E-09	1.2E-07	2.1E-07	7.5E-08	1.4E-06	2.5E-08	0.0E+00
CHILD	5.1E-08	3.2E-09	2.1E-07	2.6E-07	9.2E-08	2.1E-06	2.9E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 6840. METERS, WINDS TOWARD SE								
ADULT	7.4E-07	3.6E-08	5.7E-07	1.0E-06	4.3E-07	2.3E-05	1.0E-07	0.0E+00
TEEN	7.4E-07	4.7E-08	1.0E-06	1.8E-06	7.5E-07	3.6E-05	2.1E-07	0.0E+00
CHILD	6.2E-07	3.6E-08	2.4E-06	2.9E-06	1.2E-06	7.2E-05	3.1E-07	0.0E+00
INFNT	6.8E-07	3.4E-08	3.9E-06	5.6E-06	2.0E-06	1.7E-04	5.5E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SE								
ADULT	1.6E-06	5.6E-08	1.2E-06	2.2E-06	8.1E-07	2.1E-05	2.3E-07	0.0E+00
TEEN	1.6E-06	7.2E-08	2.2E-06	3.8E-06	1.4E-06	3.3E-05	4.6E-07	0.0E+00
CHILD	1.2E-06	5.4E-08	5.1E-06	6.3E-06	2.3E-06	6.5E-05	7.0E-07	0.0E+00
INFNT	1.2E-06	5.1E-08	8.3E-06	1.2E-05	3.6E-06	1.6E-04	1.2E-06	0.0E+00
INHAL PATHWAY, DIST GP= 1, 914. METERS, WINDS TOWARD SE								
ADULT	3.3E-07	2.1E-08	2.6E-07	4.3E-07	2.4E-07	2.1E-05	8.5E-08	0.0E+00
TEEN	2.6E-07	2.2E-08	3.5E-07	5.8E-07	3.2E-07	2.5E-05	1.5E-07	0.0E+00
CHILD	1.4E-07	9.8E-09	4.7E-07	5.5E-07	2.9E-07	2.8E-05	1.1E-07	0.0E+00
INFNT	6.5E-08	3.8E-09	3.0E-07	4.1E-07	1.8E-07	2.6E-05	7.6E-08	0.0E+00

THIS IS LAST ACCUMULATION

INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT

FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
TEEN	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
CHILD	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
INFNT	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	1.9E-06	2.0E-06	5.2E-06
GROUND PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.6E-05	2.1E-05
TEEN	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
CHILD	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
INFNT	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
VEGET PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	1.5E-05	6.1E-07	1.2E-05	2.1E-05	7.5E-06	1.5E-04	2.2E-06	0.0E+00
TEEN	1.3E-05	6.1E-07	1.8E-05	3.1E-05	1.1E-05	1.2E-04	3.9E-06	0.0E+00
CHILD	9.5E-06	4.2E-07	4.2E-05	5.1E-05	1.7E-05	1.9E-04	5.7E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
T PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ADULT	1.6E-06	9.5E-08	1.2E-06	2.1E-06	7.9E-07	1.8E-05	2.3E-07	0.0E+00
TEEN	7.2E-07	5.3E-08	9.8E-07	1.7E-06	6.2E-07	1.3E-05	2.1E-07	0.0E+00
CHILD	4.3E-07	2.9E-08	1.8E-06	2.2E-06	7.7E-07	2.0E-05	2.4E-07	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 6840. METERS, WINDS TOWARD SSE								
ADULT	6.4E-07	3.3E-08	4.9E-07	8.7E-07	3.8E-07	2.2E-05	8.8E-08	0.0E+00
TEEN	6.4E-07	4.3E-08	8.8E-07	1.5E-06	6.7E-07	3.5E-05	1.6E-07	0.0E+00
CHILD	5.5E-07	3.3E-08	2.1E-06	2.5E-06	1.1E-06	7.0E-05	2.6E-07	0.0E+00
INFNT	6.1E-07	3.2E-08	3.4E-06	4.9E-06	1.8E-06	1.7E-04	4.7E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSE								
ADULT	1.4E-06	5.0E-08	1.0E-06	1.9E-06	7.1E-07	2.0E-05	2.0E-07	0.0E+00
TEEN	1.4E-06	6.4E-08	1.9E-06	3.3E-06	1.2E-06	3.2E-05	4.0E-07	0.0E+00
CHILD	1.1E-06	4.8E-08	4.4E-06	5.4E-06	2.0E-06	6.3E-05	6.0E-07	0.0E+00
INFNT	1.1E-06	4.6E-08	7.2E-06	1.0E-05	3.1E-06	1.5E-04	1.1E-06	0.0E+00
INHAL PATHWAY, DIST GP= 1, 1093. METERS, WINDS TOWARD SSE								
ULT	1.7E-07	9.7E-09	1.3E-07	2.2E-07	1.1E-07	8.9E-06	3.9E-08	0.0E+00
EEN	1.3E-07	9.8E-09	1.8E-07	3.0E-07	1.5E-07	1.1E-05	5.9E-08	0.0E+00
CHILD	6.8E-08	4.5E-09	2.4E-07	2.8E-07	1.4E-07	1.2E-05	4.9E-08	0.0E+00
INFNT	3.1E-08	1.8E-09	1.5E-07	2.1E-07	8.8E-08	1.1E-05	3.3E-08	0.0E+00

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S								
ADULT	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	4.0E-06
TEEN	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	4.0E-06
CHILD	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	4.0E-06
INFNT	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	4.0E-06
GROUND PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S								
ADULT	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
TEEN	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
CHILD	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
INFNT	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	1.8E-05	2.1E-05
VEGET PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S								
ADULT	1.5E-05	6.3E-07	1.2E-05	2.1E-05	7.6E-06	1.6E-04	2.2E-06	0.0E+00
TEEN	1.3E-05	6.3E-07	1.8E-05	3.2E-05	1.1E-05	1.3E-04	3.9E-06	0.0E+00
CHILD	9.5E-06	4.3E-07	4.2E-05	5.1E-05	1.7E-05	2.0E-04	5.8E-06	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
MEAT PATHWAY, DIST GP= 1, 6115. METERS, WINDS TOWARD S								
ADULT	5.9E-08	3.7E-09	4.5E-08	8.0E-08	2.9E-08	7.0E-07	8.5E-09	0.0E+00
TEEN	2.7E-08	2.0E-09	3.6E-08	6.4E-08	2.3E-08	5.1E-07	7.8E-09	0.0E+00
CHILD	1.6E-08	1.1E-09	6.6E-08	8.1E-08	2.9E-08	7.7E-07	9.0E-09	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD S								
ADULT	3.3E-07	1.8E-08	2.5E-07	4.5E-07	2.0E-07	1.2E-05	4.5E-08	0.0E+00
TEEN	3.3E-07	2.3E-08	4.5E-07	7.8E-07	3.5E-07	1.9E-05	9.0E-08	0.0E+00
CHILD	2.8E-07	1.7E-08	1.1E-06	1.3E-06	5.6E-07	3.7E-05	1.4E-07	0.0E+00
INFNT	3.2E-07	1.7E-08	1.8E-06	2.5E-06	9.1E-07	9.1E-05	2.4E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD S								
ADULT	9.5E-07	3.5E-08	7.1E-07	1.3E-06	4.8E-07	1.4E-05	1.4E-07	0.0E+00
TEEN	9.3E-07	4.4E-08	1.3E-06	2.2E-06	8.4E-07	2.3E-05	2.7E-07	0.0E+00
CHILD	7.3E-07	3.3E-08	3.0E-06	3.7E-06	1.4E-06	4.5E-05	4.1E-07	0.0E+00
INFNT	7.3E-07	3.2E-08	4.9E-06	7.0E-06	2.1E-06	1.1E-04	7.2E-07	0.0E+00
INHAL PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S								
ADULT	1.6E-07	1.0E-08	1.2E-07	2.1E-07	1.1E-07	9.9E-06	4.1E-08	0.0E+00
TEEN	1.3E-07	1.0E-08	1.7E-07	2.8E-07	1.5E-07	1.2E-05	6.1E-08	0.0E+00
CHILD	6.6E-08	4.7E-09	2.3E-07	2.6E-07	1.4E-07	1.4E-05	5.1E-08	0.0E+00
INFNT	3.1E-08	1.8E-09	1.4E-07	2.0E-07	8.8E-08	1.2E-05	3.4E-08	0.0E+00

THIS IS LAST ACCUMULATION

INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT

FOR DATES 87 4 1 1 THRU 87 63024

	T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
PLUME PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
ADULT	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.3E-06	1.1E-05
TEEN	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.3E-06	1.1E-05
CHILD	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.3E-06	1.1E-05
INFNT	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.1E-06	4.3E-06	1.1E-05
GROUND PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
ADULT	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	5.8E-05
TEEN	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	5.8E-05
CHILD	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	5.8E-05
INFNT	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	4.9E-05	5.8E-05
VEGET PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
ADULT	4.2E-05	1.7E-06	3.2E-05	5.7E-05	2.1E-05	4.2E-04	6.1E-06	0.0E+00
TEEN	3.6E-05	1.7E-06	5.0E-05	8.6E-05	3.0E-05	3.5E-04	1.1E-05	0.0E+00
CHILD	2.6E-05	1.2E-06	1.1E-04	1.4E-04	4.7E-05	5.3E-04	1.6E-05	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
[illegible]T PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW								
ADULT	8.3E-08	5.1E-09	6.2E-08	1.1E-07	4.1E-08	9.7E-07	1.2E-08	0.0E+00
TEEN	3.7E-08	2.8E-09	5.1E-08	8.9E-08	3.3E-08	7.0E-07	1.1E-08	0.0E+00
CHILD	2.2E-08	1.5E-09	9.2E-08	1.1E-07	4.0E-08	1.1E-06	1.3E-08	0.0E+00
INFNT	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
COW PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW								
ADULT	7.4E-07	3.9E-08	5.7E-07	1.0E-06	4.5E-07	2.7E-05	1.0E-07	0.0E+00
TEEN	7.5E-07	5.1E-08	1.0E-06	1.8E-06	7.8E-07	4.2E-05	2.0E-07	0.0E+00
CHILD	6.4E-07	3.9E-08	2.4E-06	2.9E-06	1.3E-06	8.4E-05	3.1E-07	0.0E+00
INFNT	7.2E-07	3.8E-08	4.0E-06	5.7E-06	2.1E-06	2.0E-04	5.4E-07	0.0E+00
GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW								
ADULT	2.1E-06	7.8E-08	1.6E-06	2.9E-06	1.1E-06	3.2E-05	3.1E-07	0.0E+00
TEEN	2.1E-06	1.0E-07	2.9E-06	5.0E-06	1.9E-06	5.1E-05	6.1E-07	0.0E+00
CHILD	1.7E-06	7.5E-08	6.8E-06	8.4E-06	3.1E-06	1.0E-04	9.2E-07	0.0E+00
INFNT	1.7E-06	7.2E-08	1.1E-05	1.6E-05	4.9E-06	2.4E-04	1.6E-06	0.0E+00
INHAL PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW								
[illegible]ULT	5.2E-07	3.7E-08	4.1E-07	6.9E-07	4.0E-07	3.7E-05	1.5E-07	0.0E+00
[illegible]EN	4.2E-07	3.7E-08	5.7E-07	9.4E-07	5.4E-07	4.5E-05	2.2E-07	0.0E+00
CHILD	2.3E-07	1.7E-08	7.6E-07	8.8E-07	4.9E-07	5.1E-05	1.8E-07	0.0E+00
INFNT	1.1E-07	6.6E-09	4.9E-07	6.6E-07	3.1E-07	4.6E-05	1.2E-07	0.0E+00

APPENDIX 1.4

SUMMARY OF MAXIMUM INDIVIDUAL DOSES FOR FIRST HALF OF 1987

SUMMARY OF MAXIMUM INDIVIDUAL DOSES

Annual - 1987

Effluent	Applicable Organ	Age Group	Estimated Dose (millirem) Quarter 1st	2nd	3rd	4th	Annual
Liquid	Whole Body	Adult	0.115	0.117			
Liquid	Liver	Teen	0.150	0.150			
Noble Gas	Air Dose* Gamma	All	0.0480	0.0903			
Noble Gas	Air Dose* Beta	All	0.138	0.223			
Noble Gas	Whole Body	All	0.00593	0.0352			
Noble Gas	Skin	All	0.168	0.103			
Iodines and Particulates	Thyroid	Child	0.216	0.757			

*Dose in millirad

APPENDIX 2.1

SUMMARY OF HOURLY METEOROLOGICAL DATA FOR FIRST QUARTER OF 1987

ATTACHMENT 7A. JOINT FREQUENCY TABLES OF WIND SPEED AND WIND DIRECTION 50 FT VERSUS DELTA TEMPERATURE 180-30 FT
FIRST QUARTER (JANUARY 1, 1987 THROUGH MARCH 31, 1987)

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: A DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	2	0	0	0	0	0	2
NNE	0	0	1	0	0	0	1
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	1	0	0	0	0	1
ESE	0	0	1	5	0	0	6
SE	4	1	3	0	0	0	8
SSE	2	5	2	0	0	0	9
S	3	10	0	0	0	0	13
SSW	0	6	3	0	0	0	9
SW	0	1	1	0	0	0	2
WSW	0	2	1	0	0	0	3
W	0	0	0	0	0	0	0
WNW	1	0	3	0	2	0	6
NW	0	1	3	1	1	1	7
NNW	0	0	0	0	0	0	0
TOTAL	12	27	18	6	3	1	67

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 5
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: B DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	1	0	0	0	1
ESE	1	0	0	1	0	0	2
SE	0	0	0	0	0	0	0
SSE	0	1	1	1	0	0	3
S	3	1	0	0	0	0	4
SSW	0	0	0	0	0	0	0
SW	0	1	1	0	0	0	2
WSW	0	0	1	0	0	0	1
W	0	0	0	0	0	0	0
WNW	0	0	4	0	2	0	6
NW	1	1	1	6	7	4	20
NNW	0	1	0	1	1	0	3
TOTAL	5	5	9	9	10	4	42

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 1
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: C DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	0	0	0	0	0	1
NNE	0	0	0	0	0	0	0
NE	0	1	0	0	0	0	1
ENE	0	1	0	0	0	0	1
E	0	0	0	0	0	0	0
ESE	0	1	1	3	0	0	5
SE	1	1	3	0	0	0	5
SSE	0	1	0	0	0	0	1
S	0	5	0	0	0	0	5
SSW	0	1	0	0	0	0	1
SW	0	2	0	0	0	0	2
WSW	1	1	1	1	0	0	4
W	1	1	0	2	0	0	4
WNW	0	0	3	0	6	0	9
NW	0	0	1	2	4	0	7
NNW	0	0	1	2	1	0	4
TOTAL	4	15	10	10	11	0	50

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 1
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: D DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	6	6	12	18	0	0	42
NNE	10	12	16	10	0	0	48
NE	10	10	8	6	0	0	34
ENE	11	8	18	8	0	0	45
E	8	16	37	18	0	0	79
ESE	5	8	40	35	4	0	93
SE	5	15	20	5	0	0	45
SSE	2	7	1	0	0	0	10
S	5	10	3	1	0	0	19
SSW	2	10	1	0	0	0	13
SW	3	23	4	0	0	0	30
WSW	2	8	17	6	4	1	38
W	0	6	15	19	24	1	65
WNW	1	7	14	13	9	3	47
NW	1	7	21	14	11	6	60
NNW	4	10	20	28	0	0	62
TOTAL	75	163	247	181	52	11	730

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 31
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: E DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	6	7	3	9	0	0	25
NNE	3	6	6	0	0	0	15
NE	11	8	7	1	0	0	27
ENE	7	15	6	2	0	0	31
E	3	22	35	11	0	0	71
ESE	9	28	57	48	13	0	155
SE	11	38	33	6	1	0	89
SSE	10	27	3	1	1	0	42
S	5	14	6	0	0	0	25
SSW	3	26	5	0	0	0	34
SW	7	18	26	2	0	0	53
WSW	7	18	45	14	0	0	84
W	6	5	10	4	0	0	25
WNW	0	4	8	2	0	0	14
NW	4	11	14	10	3	1	43
NNW	5	12	15	13	0	0	45
TOTAL	97	259	279	123	18	1	778

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 26
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: F DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	4	0	0	0	0	5
NNE	1	4	2	0	0	0	7
NE	3	3	0	0	0	0	6
ENE	7	11	0	0	0	0	18
E	6	16	18	5	0	0	45
ESE	5	25	19	4	0	0	53
SE	9	48	8	0	0	0	65
SSE	8	7	0	0	0	0	15
S	2	3	0	0	0	0	5
SSW	4	7	0	0	0	0	12
SW	1	3	0	0	0	0	4
WSW	5	19	13	9	0	0	46
W	5	1	4	2	0	0	12
WNW	3	1	1	0	0	0	5
NW	2	3	1	0	0	0	6
NNW	0	2	0	0	0	0	2
TOTAL	62	157	66	20	0	0	306

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 10
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: G DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	1	0	0	0	0	1
NNE	0	1	1	0	0	0	2
NE	2	2	0	0	0	0	4
ENE	1	1	0	0	0	0	2
E	1	7	0	0	0	0	8
ESE	0	3	1	0	0	0	4
SE	6	12	0	0	0	0	18
SSE	4	5	0	0	0	0	9
S	2	4	0	0	0	0	6
SSW	2	5	0	0	0	0	7
SW	0	1	0	0	0	0	1
WSW	0	1	2	1	0	0	4
W	0	0	0	0	0	0	0
WNW	3	0	1	0	0	0	4
NW	2	0	0	0	0	0	2
NNW	0	0	0	0	0	0	0
TOTAL	23	43	5	1	0	0	72

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 1
HOURS OF MISSING DATA: 115

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: ALL DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	16	18	15	27	0	0	76
NNE	14	23	26	10	0	0	73
NE	26	24	15	7	0	0	72
ENE	26	36	24	10	0	0	97
E	18	62	91	34	0	0	205
ESE	20	65	119	96	17	0	318
SE	36	115	67	11	1	0	230
SSE	26	53	7	2	1	0	89
S	20	47	9	1	0	0	77
SSW	11	55	9	0	0	0	76
SW	11	49	32	2	0	0	94
WSW	15	49	80	31	4	1	180
W	12	13	29	27	24	1	106
WNW	8	12	34	15	19	3	91
NW	10	23	41	33	26	12	145
NNW	9	25	36	44	2	0	116
TOTAL	278	669	634	350	94	17	2045

PERIODS OF CALM(HOURS): 3
VARIABLE DIRECTION 75
HOURS OF MISSING DATA: 115

ATTACHMENT 10A. JOINT FREQUENCY TABLES OF WIND SPEED AND WIND DIRECTION 150 FT VERSUS DELTA TEMPERATURE 180-30 FT
FIRST QUARTER (JANUARY 1, 1987 THROUGH MARCH 31, 1987)

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: A DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	0	0	1	1	3	5
NNE	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0
ENE	0	0	0	0	0	0	0
E	0	0	0	0	3	0	3
ESE	0	1	0	2	3	0	6
SE	0	0	2	3	1	0	6
SSE	0	2	3	0	0	0	5
S	1	6	12	8	0	0	27
SSW	0	3	2	0	1	1	7
SW	0	0	0	0	1	0	1
WSW	0	0	0	1	0	2	3
W	0	0	0	1	0	2	3
WNW	0	0	0	4	0	0	4
NW	0	0	0	0	0	3	3
NNW	2	0	1	0	0	2	5
TOTAL	3	12	20	20	10	13	78

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 2
HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: B DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	0	0	0	3	0	3
NNE	0	1	0	0	1	0	2
NE	0	0	0	0	0	0	0
ENE	0	0	1	0	0	0	1
E	0	0	0	0	1	0	1
ESE	0	0	0	0	0	0	0
SE	0	0	1	0	1	0	2
SSE	0	0	2	1	0	0	3
S	1	2	2	0	0	0	5
SSW	0	0	1	2	0	0	3
SW	0	1	0	0	1	0	2
WSW	0	1	0	1	0	1	3
W	0	0	0	1	1	1	3
WNW	0	0	2	2	0	8	12
NW	0	0	0	0	0	7	7
NNW	0	0	0	0	2	5	7
TOTAL	1	5	9	7	10	22	54

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 0
HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87010101-87033124

STABILITY CLASS: C DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	0	0	0	1	0	1
NNE	0	0	0	0	0	0	0
NE	0	2	0	0	0	0	2
ENE	0	0	0	0	0	0	0
E	0	0	0	2	2	0	4
ESE	0	1	1	1	0	0	3
SE	0	1	1	1	0	0	3
SSE	0	0	3	0	0	0	3
S	0	2	4	1	0	0	7
SSW	1	3	2	0	0	0	6
SW	0	0	0	0	0	0	0
WSW	0	0	0	1	3	0	4
W	0	0	0	3	4	3	10
WNW	0	0	0	0	3	3	6
NW	0	0	0	0	1	1	2
NNW	1	0	0	0	0	1	2
TOTAL	2	9	11	9	14	8	53

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: D DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	3	11	12	21	14	4	65
NNE	5	9	5	5	3	0	27
NE	2	13	9	15	0	0	39
ENE	2	5	15	34	3	0	59
E	0	8	17	47	17	6	95
ESE	3	3	16	17	5	1	45
SE	0	1	12	10	0	0	24
SSE	2	3	10	2	0	0	17
S	1	7	18	4	4	0	34
SSW	0	3	20	4	0	0	27
SW	0	4	6	10	3	6	29
WSW	0	5	4	19	18	15	61
W	0	3	11	15	12	1	42
WNW	0	4	10	15	6	26	61
NW	1	1	4	20	22	9	57
NNW	2	10	7	17	16	3	55
TOTAL	21	90	176	255	123	71	737

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 8
HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: E DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	3	8	2	2	2	18
NNE	3	10	4	8	0	0	25
NE	4	9	13	2	1	0	29
ENE	2	5	23	25	2	0	57
E	3	4	23	54	31	4	119
ESE	1	8	26	42	7	5	89
SE	3	9	25	19	1	0	57
SSE	1	3	19	17	1	0	41
S	4	4	16	19	1	0	44
SSW	1	9	33	22	6	0	71
SW	0	7	10	29	24	3	73
WSW	0	10	12	10	4	0	36
W	1	2	4	7	2	1	17
WNW	0	4	0	5	4	7	20
NW	2	7	6	15	11	4	45
NNW	4	12	12	3	13	2	46
TOTAL	30	106	234	279	110	28	787

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 9
HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: F DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	4	3	2	0	0	10
NNE	2	1	2	0	0	0	5
NE	2	9	2	0	0	0	13
ENE	2	5	17	8	1	0	33
E	4	7	17	15	1	0	44
ESE	0	2	19	8	0	0	29
SE	4	11	16	20	0	0	51
SSE	1	4	8	3	0	0	16
S	4	4	3	4	0	0	15
SSW	1	5	11	4	0	0	21
SW	1	3	12	2	3	4	25
WSW	0	2	8	10	2	2	24
W	3	1	0	1	0	0	5
WNW	1	0	1	1	0	0	3
NW	1	0	2	0	1	0	4
NNW	1	1	1	0	0	1	4
TOTAL	28	59	122	78	8	7	302

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 5
HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: G DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	2	1	0	0	0	3
NNE	0	1	0	0	0	0	1
NE	1	2	1	0	0	0	4
ENE	0	0	2	0	0	0	2
E	0	4	3	1	0	0	8
ESE	1	1	2	3	0	0	7
SE	0	0	6	5	0	0	11
SSE	1	2	0	1	1	0	5
S	4	4	3	1	0	0	12
SSW	0	0	4	2	0	0	6
SW	1	3	2	0	0	0	6
WSW	1	0	2	1	1	0	5
W	1	0	0	0	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
TOTAL	10	19	26	14	2	0	71

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 1
HOURS OF MISSING DATA: 78

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87010101-87033124
STABILITY CLASS: ALL DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	5	20	24	26	21	9	105
NNE	10	22	11	13	4	0	60
NE	9	35	25	17	1	0	87
ENE	6	15	58	67	6	0	152
E	7	23	60	119	55	10	274
ESE	5	16	64	73	15	6	179
SE	7	22	63	58	3	0	154
SSE	5	14	45	24	2	0	90
S	15	29	58	37	5	0	144
SSW	3	23	73	34	7	1	141
SW	2	18	30	41	32	13	136
WSW	1	18	26	43	28	20	136
W	5	6	15	28	19	8	81
WNW	1	8	13	27	13	44	106
NW	4	8	12	35	35	24	118
NNW	10	23	21	20	31	14	119
TOTAL	95	300	598	662	277	149	2082

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 25
HOURS OF MISSING DATA: 78

APPENDIX 2.2

SUMMARY OF HOURLY METEOROLOGICAL DATA FOR SECOND QUARTER OF 1987

ATTACHMENT 7B. JOINT FREQUENCY TABLES OF WIND SPEED AND WIND DIRECTION 50 FT VERSUS DELTA TEMPERATURE 180-30 FT
SECOND QUARTER (APRIL 1, 1987 THROUGH JUNE 30, 1987)

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: A DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	9	26	5	2	0	0	42
NNE	3	26	18	1	0	0	48
NE	5	7	9	1	0	0	22
ENE	6	1	4	2	0	0	13
E	6	10	5	4	0	0	25
ESE	8	17	10	8	0	0	43
SE	4	27	14	1	0	0	46
SSE	6	5	2	0	0	0	13
S	15	9	0	0	0	0	24
SSW	5	18	0	0	0	0	23
SW	2	21	2	0	0	0	25
WSW	10	30	5	2	0	0	47
W	8	14	3	0	0	0	25
WNW	16	9	2	0	2	0	29
NW	9	25	7	2	8	5	56
NNW	4	30	6	1	0	0	41
TOTAL	116	275	92	24	10	5	522

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 37
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: B DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	7	2	0	0	0	10
NNE	5	15	8	12	0	0	40
NE	0	7	8	3	0	0	18
ENE	1	1	1	0	0	0	3
E	2	1	2	2	0	0	7
ESE	0	7	4	13	2	0	26
SE	2	0	2	1	0	0	5
SSE	0	1	0	0	0	0	1
S	0	0	0	0	0	0	0
SSW	1	1	0	0	0	0	2
SW	1	0	0	0	0	0	1
WSW	1	8	2	0	0	0	11
W	1	3	0	0	0	0	4
WNW	2	3	0	0	0	0	5
NW	2	2	4	2	0	0	10
NNW	0	6	4	0	0	0	10
TOTAL	19	62	37	33	2	0	153

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 6
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: C DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	4	0	0	0	0	5
NNE	5	6	10	1	0	0	22
NE	0	4	7	1	0	0	12
ENE	1	1	1	0	0	0	3
E	1	4	0	0	0	0	5
ESE	1	1	13	5	1	0	21
SE	1	4	4	2	0	0	11
SSE	1	1	0	0	0	0	2
S	0	0	0	0	0	0	0
SSW	2	0	0	0	0	0	2
SW	0	1	0	0	0	0	1
WSW	2	2	3	2	0	0	9
W	2	3	0	0	0	0	5
WNW	2	2	0	0	0	0	4
NW	2	3	1	1	0	0	7
NNW	1	4	2	0	0	0	7
TOTAL	22	40	41	12	1	0	116

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 5
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: D DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	4	6	2	0	0	0	12
NNE	8	10	19	4	0	0	41
NE	8	21	15	2	0	0	46
ENE	3	6	5	0	0	0	14
E	1	6	7	2	1	0	17
ESE	1	12	13	4	0	0	30
SE	5	10	6	4	0	0	26
SSE	3	7	4	0	0	0	14
S	4	3	0	0	0	0	7
SSW	5	3	0	0	0	0	8
SW	7	14	17	3	0	0	41
WSW	9	23	18	11	0	0	61
W	7	13	3	1	0	0	24
WNW	5	6	3	1	0	0	15
NW	9	2	2	8	1	1	23
NNW	5	15	7	0	0	0	27
TOTAL	84	157	121	40	2	1	406

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 26
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: E DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	2	6	4	0	0	0	12
NNE	7	9	8	0	0	0	24
NE	7	18	6	0	0	0	31
ENE	10	8	0	0	0	0	18
E	9	8	4	2	0	0	23
ESE	5	12	2	4	1	0	24
SE	15	19	6	0	0	0	40
SSE	12	8	1	0	0	0	21
S	13	15	2	0	0	0	30
SSW	15	19	1	0	0	0	35
SW	6	26	21	1	0	0	54
WSW	11	19	50	20	1	0	101
W	7	26	8	3	2	0	46
WNW	6	7	9	5	0	0	27
NW	10	13	9	8	3	1	44
NNW	9	12	7	1	0	0	29
TOTAL	144	225	138	44	7	1	559

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 28
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: F. DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	2	1	0	0	0	0	3
NNE	1	5	3	0	0	0	9
NE	4	2	0	0	0	0	6
ENE	9	6	0	0	0	0	15
E	6	11	5	0	0	0	22
ESE	2	13	1	0	0	0	16
SE	3	20	0	0	0	0	23
SSE	7	6	3	0	0	0	16
S	6	8	0	0	0	0	14
SSW	7	17	0	0	0	0	24
SW	1	6	4	0	0	0	12
WSW	5	5	5	8	0	0	23
W	1	0	4	1	0	0	6
WNW	1	0	0	0	0	0	1
NW	3	1	0	0	0	0	4
NNW	1	2	0	0	0	0	3
TOTAL	59	103	25	9	0	0	197

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 13
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: G DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	0	0	0	0	0	0
NNE	2	0	0	0	0	0	2
NE	5	3	0	0	0	0	8
ENE	2	11	0	0	0	0	13
E	2	11	1	0	0	0	14
ESE	4	22	3	0	0	0	29
SE	6	26	0	0	0	0	32
SSE	8	9	1	0	0	0	18
S	3	16	0	0	0	0	19
SSW	4	23	1	0	0	0	28
SW	2	2	1	0	0	0	5
WSW	1	1	1	4	0	0	7
W	3	0	0	0	0	0	3
WNW	0	1	0	0	0	0	1
NW	2	0	0	0	0	0	2
NNW	0	0	0	0	0	0	0
TOTAL	44	125	8	4	0	0	181

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 8
HOURS OF MISSING DATA: 50

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: ALL DT/DZ
ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	19	50	13	2	0	0	84
NNE	31	71	66	18	0	0	186
NE	29	62	45	7	0	0	143
ENE	32	34	11	2	0	0	79
E	27	51	24	10	1	0	113
ESE	21	84	46	34	4	0	189
SE	36	106	32	8	0	0	183
SSE	37	37	11	0	0	0	85
S	41	51	2	0	0	0	94
SSW	39	81	2	0	0	0	122
SW	19	70	45	4	0	0	139
WSW	39	88	84	47	1	0	259
W	29	59	18	5	2	0	113
WNW	32	28	14	6	2	0	82
NW	37	46	23	21	12	7	146
NNW	20	69	26	2	0	0	117
TOTAL	488	987	462	166	22	7	2134

PERIODS OF CALM(HOURS): 2
VARIABLE DIRECTION 123
HOURS OF MISSING DATA: 50

ATTACHMENT 10B. JOINT FREQUENCY TABLES OF WIND SPEED AND WIND DIRECTION 150 FT VERSUS DELTA TEMPERATURE 180-30 FT
SECOND QUARTER (APRIL 1, 1987 THROUGH JUNE 30, 1987)

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: A DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	3	11	21	16	0	0	51
NNE	2	6	4	3	0	0	15
NE	1	6	1	6	0	0	14
ENE	0	6	6	6	1	0	19
E	4	14	4	5	1	0	28
ESE	1	11	23	17	0	0	52
SE	3	7	9	5	0	0	24
SSE	2	10	8	1	0	0	21
S	3	12	13	0	0	0	28
SSW	3	6	16	4	0	0	29
SW	1	18	20	2	2	0	43
WSW	3	8	3	0	0	0	14
W	5	7	5	0	0	0	17
WNW	3	16	9	3	0	15	46
NW	1	10	15	3	2	0	31
NNW	3	25	37	5	4	2	76
TOTAL	38	173	194	76	10	17	508

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 8
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: B DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	10	12	7	8	3	40
NNE	0	1	7	5	0	0	13
NE	1	0	1	1	0	0	3
ENE	2	0	0	2	2	0	6
E	0	4	3	5	5	1	18
ESE	1	0	2	7	3	0	13
SE	0	0	2	0	0	0	2
SSE	0	1	0	0	0	0	1
S	0	0	0	0	0	0	0
SSW	0	0	1	0	0	0	1
SW	3	1	3	3	0	0	10
WSW	0	4	1	0	0	0	5
W	1	2	2	0	0	0	5
WNW	0	0	2	3	0	0	5
NW	0	3	2	3	1	0	9
NNW	1	3	11	3	1	1	20
TOTAL	9	29	49	39	20	5	151

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 2
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: C DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	3	3	7	8	1	0	22
NNE	2	2	5	5	0	0	14
NE	1	1	1	0	0	0	3
ENE	0	0	4	0	0	0	4
E	0	1	2	5	1	0	9
ESE	1	0	4	11	5	0	21
SE	0	0	1	1	0	0	2
SSE	0	1	2	0	0	0	3
S	0	1	0	0	0	0	1
SSW	0	0	1	0	0	0	1
SW	1	0	2	3	1	0	7
WSW	1	2	2	0	0	0	5
W	2	2	1	0	0	0	5
WNW	1	3	1	0	0	0	5
NW	0	0	2	1	1	0	4
NNW	0	3	5	2	0	0	10
TOTAL	12	19	40	36	9	0	116

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 5
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: D DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	3	8	14	18	3	0	46
NNE	2	10	25	10	0	0	47
NE	2	3	4	1	0	0	10
ENE	0	1	7	6	1	1	16
E	0	6	8	7	2	0	23
ESE	0	3	7	8	4	0	22
SE	2	6	4	6	0	0	18
SSE	2	3	5	4	2	0	16
S	1	2	9	0	0	0	12
SSW	2	2	9	15	3	0	31
SW	1	9	11	17	18	1	57
WSW	5	13	9	2	2	0	31
W	6	3	0	2	0	0	11
WNW	4	2	4	3	6	1	20
NW	5	3	5	3	1	1	18
NNW	1	8	14	4	0	0	27
TOTAL	36	82	135	106	42	4	405

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 6
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: E DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	2	7	9	7	1	0	26
NNE	3	10	16	4	0	0	33
NE	0	6	9	1	0	0	16
ENE	5	6	11	4	0	0	26
E	0	2	8	1	5	0	16
ESE	3	4	12	6	0	0	25
SE	0	4	16	10	0	0	30
SSE	1	3	6	8	1	0	19
S	1	2	22	13	0	0	38
SSW	2	4	25	25	1	0	57
SW	3	10	19	21	25	6	84
WSW	7	16	16	17	4	1	61
W	3	4	5	3	0	1	16
WNW	2	9	5	11	5	5	37
NW	1	7	10	5	6	0	29
NNW	4	4	7	4	3	0	22
TOTAL	37	98	196	140	51	13	535

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 6
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: F DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	1	1	4	3	0	0	9
NNE	1	4	4	0	0	0	9
NE	3	13	3	0	0	0	19
ENE	0	5	7	7	0	0	19
E	1	1	8	2	0	0	12
ESE	1	0	4	7	0	0	12
SE	1	2	3	12	0	0	18
SSE	1	1	4	1	0	0	7
S	0	6	8	9	2	0	25
SSW	0	1	8	9	0	0	18
SW	2	3	2	5	6	3	21
WSW	0	0	2	2	1	1	6
W	1	1	0	0	0	0	2
WNW	0	2	1	1	0	0	4
NW	0	1	1	0	0	0	2
NNW	0	0	2	0	0	0	2
TOTAL	12	41	61	58	9	4	185

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 4
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: G DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	0	1	0	0	0	0	1
NNE	0	1	5	0	0	0	6
NE	1	5	8	2	0	0	16
ENE	2	2	10	5	0	0	19
E	2	2	5	10	4	0	23
ESE	0	3	9	4	0	0	17
SE	0	1	4	5	0	0	10
SSE	1	3	9	1	0	0	14
S	0	1	5	12	1	0	19
SSW	1	3	7	10	0	0	21
SW	2	1	3	1	1	3	11
WSW	0	0	0	0	1	0	1
W	0	2	0	0	0	0	2
WNW	0	0	0	1	0	0	1
NW	1	2	0	0	0	0	3
NNW	1	3	3	0	0	0	7
TOTAL	11	30	68	51	7	3	171

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 3
HOURS OF MISSING DATA: 113

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION
PERIOD OF RECORD = 87040101-87063024
STABILITY CLASS: ALL DT/DZ
ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH) 1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	12	41	67	59	13	3	195
NNE	10	34	66	27	0	0	137
NE	9	34	27	11	0	0	81
ENE	9	20	45	30	4	1	109
E	7	30	38	35	18	1	129
ESE	7	21	61	60	12	0	162
SE	6	20	39	39	0	0	104
SSE	7	22	34	15	3	0	81
S	5	24	57	34	3	0	123
SSW	8	16	67	63	4	0	158
SW	13	42	60	52	53	13	233
WSW	16	43	33	21	8	2	123
W	18	21	13	5	0	1	58
WNW	10	32	22	22	11	21	118
NW	8	26	35	15	11	1	96
NNW	10	46	79	18	8	3	164
TOTAL	155	472	743	506	148	46	2071

PERIODS OF CALM(HOURS): 1
VARIABLE DIRECTION 34
HOURS OF MISSING DATA: 113

APPENDIX 2.3

METEOROLOGICAL DATA
FOR FIRST SIX MONTHS OF 1987

METEOROLOGICAL DATA IN PLG-FORMAT

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	DIR1 50 A	S	MIN	MAX	DIR2 50 B	S	MIN	MAX	DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	DIR6	S
100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	63	2	29	0	38	0	54	0	0	0	0	0	163	0	212	112	163	3	231	101	153	0	171	127	163	0	182	131	0	0	0	0	0	0
500	14	0	34	0	45	0	63	0	0	0	0	0	149	0	201	98	148	0	191.	111	143	0	157	123	154	0	167	136	0	0	0	0	0	0
600	16	0	37	0	43	0	58	0	0	0	0	0	142	0	179	116	145	0	184	121	134	0	149	121	144	0	154	132	0	0	0	0	0	0
700	13	0	33	0	41	0	57	0	0	0	0	0	136	0	158	110	139	0	168	108	128	0	142	112	140	0	150	129	0	0	0	0	0	0
800	8	0	28	0	32	0	45	0	0	0	0	0	119	0	134	82	121	0	143	88	113	0	121	97	126	0	133	110	0	0	0	0	0	0
900	8	0	28	0	33	0	47	0	0	0	0	0	126	0	150	100	131	0	193	110	125	0	133	116	137	0	147	127	0	0	0	0	0	0
1000	10	0	28	0	23	0	37	0	0	0	0	0	114	0	132	82	116	0	143	87	96	0	115	83	108	0	128	95	0	0	0	0	0	0
1100	17	0	17	0	41	2	15	0	0	0	0	0	45	0	90	4	44	3	87	357	32	0	61	6	42	0	74	13	0	0	0	0	0	0
1200	25	0	48	0	40	0	57	0	0	0	0	0	129	0	157	105	134	0	160	111	109	0	124	78	119	0	154	92	0	0	0	0	0	0
1300	34	0	31	0	44	0	56	0	0	0	0	0	113	0	134	66	118	0	150	84	93	0	119	71	104	0	133	86	0	0	0	0	0	0
1400	18	0	18	0	23	2	19	0	0	0	0	0	75	0	133	34	78	0	142	33	52	0	97	1	63	0	122	7	0	0	0	0	0	0
1500	18	0	33	0	17	0	32	0	0	0	0	0	81	0	122	50	81	0	113	40	59	3	83	37	69	0	96	41	0	0	0	0	0	0
1600	21	0	21	0	11	0	24	0	0	0	0	0	38	0	66	0	39	3	74	357	18	3	53	334	24	3	52	340	0	0	0	0	0	0
1700	10	0	27	0	17	0	32	0	0	0	0	0	43	3	113	21	44	3	104	17	25	3	57	4	34	0	58	16	0	0	0	0	0	0
1800	8	0	27	0	22	0	40	0	0	0	0	0	46	3	86	27	45	3	77	12	28	3	38	12	37	0	45	28	0	0	0	0	0	0
1900	7	0	28	0	20	0	39	0	0	0	0	0	72	3	102	54	73	3	95	50	48	3	59	33	59	0	69	49	0	0	0	0	0	0
2000	28	0	28	0	24	0	44	0	0	0	0	0	56	3	106	20	57	3	93	13	32	3	54	9	42	0	63	21	0	0	0	0	0	0
2100	25	0	45	0	50	0	65	0	0	0	0	0	79	3	101	51	79	0	115	55	56	0	73	34	68	0	86	47	0	0	0	0	0	0
2200	30	0	53	0	46	0	67	0	0	0	0	0	69	3	95	44	70	0	93	39	46	0	68	28	58	0	80	38	0	0	0	0	0	0
2300	24	0	48	0	43	0	66	0	0	0	0	0	63	3	96	31	62	0	88	31	40	0	61	19	51	0	65	36	0	0	0	0	0	0
2400	30	0	58	0	47	0	71	0	0	0	0	0	62	3	92	34	64	0	81	33	43	0	56	30	54	0	71	32	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	294	0	294	0	292	0	287	0	320	2	320	2	-5	0	-7	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
500	294	0	292	0	290	0	287	0	320	2	320	2	-5	0	-7	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
600	292	0	292	0	290	0	287	0	320	2	320	2	-4	0	-7	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
700	292	0	292	0	292	0	287	0	320	2	320	2	-4	0	-5	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	118	6
800	292	0	292	0	296	0	290	0	320	2	320	2	0	0	2	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
900	294	0	294	0	299	0	296	0	320	2	320	2	-4	0	-2	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1000	299	0	297	0	299	0	296	0	320	2	320	2	-2	0	-4	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	118	6
1100	303	0	303	0	303	0	297	0	320	2	320	2	-4	0	-5	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1200	306	0	305	0	301	0	296	0	320	2	320	2	-7	0	-9	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1300	310	0	308	0	303	0	297	0	320	2	320	2	-9	0	-11	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1400	312	0	310	0	305	0	299	0	320	2	320	2	-9	0	-11	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1500	310	0	308	0	303	0	299	0	320	2	320	2	-9	0	-11	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	118	6
1600	310	0	310	0	305	0	299	0	320	2	320	2	-7	0	-11	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1700	310	0	310	0	305	0	299	0	320	2	320	2	-7	0	-11	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1800	308	0	306	0	303	0	299	0	320	2	320	2	-5	0	-9	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1900	306	0	305	0	305	0	299	0	320	2	320	2	-4	0	-5	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2000	305	0	303	0	301	0	297	0	320	2	320	2	-5	0	-7	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2100	303	0	303	0	299	0	296	0	320	2	320	2	-5	0	-7	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2200	297	0	297	0	292	0	288	0	320	2	320	2	-7	0	-9	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2300	296	0	294	0	290	0	287	0	320	2	320	2	-5	0	-9	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
2400	294	0	292	0	288	0	285	0	320	2	320	2	-7	0	-9	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	118	6

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	23	0	47	0	40	0	61	0	0	0	0	0	68	3	96	37	69	0	100	38	46	0	67	32	57	0	76	41	0	0	0	0	0	0
200	16	0	41	0	41	0	63	0	0	0	0	0	57	3	86	27	57	0	82	31	36	0	50	22	47	0	59	33	0	0	0	0	0	0
300	30	0	51	0	56	0	76	0	0	0	0	0	46	3	61	23	47	0	71	25	28	0	39	13	37	0	51	9	0	0	0	0	0	0
400	42	0	65	0	67	0	86	0	0	0	0	0	49	0	72	26	50	0	77	28	28	0	42	8	37	0	49	17	0	0	0	0	0	0
500	27	0	48	0	54	0	69	0	0	0	0	0	46	3	68	26	47	0	77	22	25	0	36	11	33	0	48	18	0	0	0	0	0	0
600	23	0	47	0	54	0	67	0	0	0	0	0	51	3	75	26	52	0	78	23	22	0	36	13	30	0	45	20	0	0	0	0	0	0
700	37	0	55	0	70	0	83	0	0	0	0	0	39	0	71	16	37	0	78	11	12	0	30	356	19	0	36	1	0	0	0	0	0	0
800	37	0	61	0	60	0	85	0	0	0	0	0	55	0	86	33	57	0	81	39	32	0	56	20	41	0	59	25	0	0	0	0	0	0
900	55	0	78	0	81	0	100	0	0	0	0	0	51	0	82	21	53	0	90	11	27	0	61	345	39	0	65	13	0	0	0	0	0	0
1000	62	0	78	0	80	0	87	0	0	0	0	0	38	0	66	2	39	0	83	17	18	0	46	351	26	0	48	1	0	0	0	0	0	0
1100	29	0	49	0	44	0	63	0	0	0	0	0	58	3	96	24	57	0	90	17	39	0	70	12	48	0	74	24	0	0	0	0	0	0
1200	21	0	21	0	60	2	18	0	0	0	0	0	53	0	91	12	50	3	85	330	16	0	70	306	24	3	72	310	0	0	0	0	0	0
1300	30	0	50	0	47	0	60	0	0	0	0	0	34	3	72	335	31	0	65	314	8	0	53	338	15	0	67	340	0	0	0	0	0	0
1400	24	0	40	0	39	0	51	0	0	0	0	0	345	3	40	284	340	0	37	275	339	0	25	297	343	0	38	305	0	0	0	0	0	0
1500	42	0	59	0	60	0	72	0	0	0	0	0	24	0	74	318	22	0	67	328	351	0	22	297	356	0	31	294	0	0	0	0	0	0
1600	34	0	51	0	59	0	69	0	0	0	0	0	22	0	74	326	17	0	66	321	355	0	53	303	357	0	30	306	0	0	0	0	0	0
1700	37	0	56	0	62	0	75	0	0	0	0	0	33	0	58	10	33	0	70	354	4	0	23	354	11	0	41	0	0	0	0	0	0	0
1800	20	0	40	0	49	0	62	0	0	0	0	0	45	3	79	16	44	0	66	15	11	0	28	351	18	0	42	0	0	0	0	0	0	0
1900	28	0	48	0	55	0	68	0	0	0	0	0	43	3	68	22	45	0	76	4	15	0	36	348	23	0	48	356	0	0	0	0	0	0
2000	21	0	37	0	44	0	57	0	0	0	0	0	27	3	61	358	23	0	53	347	359	0	33	343	6	0	31	344	0	0	0	0	0	0
2100	0	4	26	0	27	0	45	0	0	0	0	0	72	3	93	54	72	3	94	56	29	3	33	12	38	0	45	24	0	0	0	0	0	0
2200	9	0	29	0	34	0	48	0	0	0	0	0	18	3	45	349	18	3	42	343	351	0	359	337	357	0	7	340	0	0	0	0	0	0
2300	13	0	30	0	37	0	51	0	0	0	0	0	5	3	64	321	0	3	45	317	343	0	14	323	349	0	26	326	0	0	0	0	0	0
2400	13	0	32	0	35	0	49	0	0	0	0	0	29	3	60	349	27	0	54	335	6	0	24	351	14	0	27	354	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB TEMP6	S	D T. 1 180A	S	D T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	290	0	290	0	287	0	283	0	320	2	320	2	-7	0	-9	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
200	290	0	288	0	287	0	281	0	320	2	320	2	-5	0	-7	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
300	290	0	290	0	288	0	283	0	320	2	320	2	-4	0	-7	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
400	294	0	292	0	290	0	285	0	320	2	320	2	-5	0	-9	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
500	297	0	297	0	294	0	290	0	320	2	320	2	-5	0	-7	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
600	299	0	299	0	299	0	294	0	320	2	320	2	-4	0	-5	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
700	310	0	310	0	306	0	303	0	320	2	320	2	-4	0	-7	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
800	312	0	312	0	308	0	303	0	320	2	320	2	-5	0	-9	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
900	322	0	317	0	314	0	308	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1000	315	0	314	0	310	0	305	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1100	315	0	315	0	310	0	305	0	320	2	320	2	-9	0	-11	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1200	322	0	322	0	314	0	308	0	320	2	320	2	-7	0	-9	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1300	333	0	331	0	327	0	322	0	320	2	320	2	-9	0	-11	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1400	343	0	342	0	336	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1500	343	0	342	0	338	0	333	0	320	2	320	2	-7	0	-9	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1600	343	0	342	0	338	0	333	0	320	2	320	2	-9	0	-11	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1700	331	0	331	0	325	0	322	0	320	2	320	2	-7	0	-9	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1800	324	0	325	0	324	0	322	0	320	2	320	2	-4	0	-7	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1900	324	0	324	0	320	0	314	0	320	2	320	2	-7	0	-9	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2000	331	0	331	0	327	0	322	0	320	2	320	2	-7	0	-9	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2100	329	0	329	0	329	0	325	0	320	2	320	2	-2	0	-5	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2200	336	0	336	0	336	0	331	0	320	2	320	2	-2	0	-5	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2300	345	0	345	0	343	0	338	0	320	2	320	2	-5	0	-7	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2400	342	0	343	0	336	0	333	0	320	2	320	2	-7	0	-11	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0

SI[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

A[illegible]NG RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY 3, 1[illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	8	0	28	0	27	0	42	0	0	0	0	0	353	3	34	325	348	3	20	324	334	0	353	318	338	0	6	324	0	0	0	0	0	0
200	19	0	36	0	44	0	57	0	0	0	0	0	11	3	69	298	12	0	79	309	345	0	24	297	350	0	27	301	0	0	0	0	0	0
300	20	0	37	0	56	0	70	0	0	0	0	0	10	3	61	308	7	0	73	315	332	0	356	316	337	0	359	321	0	0	0	0	0	0
400	75	0	93	0	127	0	142	0	0	0	0	0	344	0	21	310	339	0	21	309	329	0	342	320	333	0	345	323	0	0	0	0	0	0
500	55	0	72	0	95	0	109	0	0	0	0	0	345	0	51	304	338	0	49	306	331	0	345	320	335	0	356	318	0	0	0	0	0	0
600	57	0	72	0	91	0	101	0	0	0	0	0	350	0	51	317	346	0	32	310	335	0	359	319	339	0	10	325	0	0	0	0	0	0
700	33	0	53	0	73	0	87	0	0	0	0	0	17	0	52	319	13	0	53	310	348	0	33	317	350	0	19	296	0	0	0	0	0	0
800	25	0	44	0	58	0	71	0	0	0	0	0	24	3	61	343	21	0	73	331	351	0	8	330	357	0	23	328	0	0	0	0	0	0
900	13	0	32	0	25	0	42	0	0	0	0	0	102	3	127	53	106	0	131	59	50	3	64	31	61	0	80	40	0	0	0	0	0	0
1000	11	0	32	0	16	0	30	0	0	0	0	0	154	0	176	117	157	0	189	133	94	3	121	69	104	3	140	86	0	0	0	0	0	0
1100	30	0	30	0	73	2	18	0	0	0	0	0	185	0	224	147	186	0	220	155	154	0	187	107	164	0	199	92	0	0	0	0	0	0
1200	34	0	46	0	62	0	70	0	0	0	0	0	231	0	287	183	228	0	268	145	208	0	260	180	216	0	267	182	0	0	0	0	0	0
1300	45	0	55	0	71	0	75	0	0	0	0	0	234	0	281	194	234	0	290	197	214	0	235	189	221	0	237	197	0	0	0	0	0	0
1400	41	0	54	0	71	0	85	0	0	0	0	0	249	0	304	192	246	0	283	200	241	0	268	204	246	0	270	207	0	0	0	0	0	0
1500	57	0	73	0	74	0	92	0	0	0	0	0	258	0	297	212	255	0	293	209	246	0	269	215	253	0	284	225	0	0	0	0	0	0
1600	35	0	45	0	59	0	64	0	0	0	0	0	226	0	294	183	224	0	266	172	207	0	252	179	215	0	256	184	0	0	0	0	0	0
1700	22	0	22	0	27	0	37	0	0	0	0	0	154	0	207	109	155	3	196	109	181	0	198	162	189	0	202	167	0	0	0	0	0	0
1800	10	0	30	0	71	2	14	0	0	0	0	0	144	0	167	117	145	0	162	121	109	0	176	0	119	3	175	3	0	0	0	0	0	0
1900	10	0	29	0	74	2	12	0	0	0	0	0	128	5	152	99	131	0	151	91	128	0	146	93	142	0	156	116	0	0	0	0	0	0
2000	18	0	37	0	25	0	40	0	0	0	0	0	138	0	162	117	143	0	167	124	134	0	145	112	145	0	154	127	0	0	0	0	0	0
2100	26	0	43	0	16	0	31	0	0	0	0	0	162	0	193	137	163	0	186	138	129	5	150	113	140	0	161	127	0	0	0	0	0	0
2200	34	0	44	0	49	0	53	0	0	0	0	0	223	0	247	204	222	0	240	202	223	0	232	216	230	0	239	221	0	0	0	0	0	0
2300	42	0	49	0	75	0	79	0	0	0	0	0	233	0	263	200	232	0	256	205	224	0	234	214	231	0	239	217	0	0	0	0	0	0
2400	54	0	57	0	69	0	83	0	0	0	0	0	246	0	273	226	243	0	259	228	235	0	244	231	241	0	249	238	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	343	0	343	0	342	0	336	0	320	2	320	2	-4	0	-7	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
200	342	0	342	0	338	0	333	0	320	2	320	2	-7	0	-9	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
300	333	0	331	0	331	0	327	0	320	2	320	2	-4	0	-5	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
400	358	0	356	0	352	0	347	0	320	2	320	2	-7	0	-9	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
500	358	0	358	0	354	0	349	0	320	2	320	2	-5	0	-7	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
600	358	0	358	0	352	0	349	0	320	2	320	2	-7	0	-9	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
700	352	0	352	0	349	0	345	0	320	2	320	2	-5	0	-7	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
800	351	0	351	0	345	0	342	0	320	2	320	2	-7	0	-9	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
900	349	0	347	0	349	0	345	0	320	2	320	2	2	0	-4	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1000	336	0	336	0	343	0	338	0	320	2	320	2	5	0	4	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1100	343	0	342	0	349	0	343	0	320	2	320	2	4	0	2	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1200	342	0	342	0	334	0	329	0	320	2	320	2	-9	0	-13	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1300	338	0	336	0	331	0	327	0	320	2	320	2	-7	0	-11	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1400	343	0	343	0	340	0	336	0	320	2	320	2	-5	0	-7	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1500	345	0	345	0	340	0	334	0	320	2	320	2	-7	0	-9	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1600	334	0	334	0	329	0	324	0	320	2	320	2	-9	0	-11	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1700	331	0	331	0	333	0	327	0	320	2	320	2	0	0	-4	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1300	327	0	325	0	334	0	329	0	320	2	320	2	5	0	4	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1900	322	0	322	0	338	0	334	0	320	2	320	2	14	0	13	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
2000	312	0	312	0	334	0	331	0	320	2	320	2	20	0	18	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2100	301	0	303	0	333	0	329	0	320	2	320	2	29	0	27	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
2200	306	0	305	0	331	0	327	0	320	2	320	2	22	0	22	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2300	308	0	308	0	324	0	322	0	320	2	320	2	11	0	11	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2400	314	0	314	0	320	0	314	0	320	2	320	2	4	0	2	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	36	0	46	0	55	0	65	0	0	0	0	0	244	0	269	223	241	0	261	224	242	0	252	235	248	0	259	235	0	0	0	0	0	0
200	29	0	42	0	52	0	60	0	0	0	0	0	235	0	276	210	235	0	269	205	236	0	244	225	243	0	250	229	0	0	0	0	0	0
300	32	0	42	0	59	0	71	0	0	0	0	0	238	0	264	212	236	0	261	216	230	0	236	218	236	0	242	225	0	0	0	0	0	0
400	17	0	31	0	45	0	60	0	0	0	0	0	236	0	251	207	234	0	251	214	243	0	246	236	249	0	253	245	0	0	0	0	0	0
500	14	0	28	0	27	0	45	0	0	0	0	0	238	0	259	218	237	0	257	219	261	0	277	246	269	0	290	253	0	0	0	0	0	0
600	25	0	45	0	47	0	64	0	0	0	0	0	335	0	2	305	332	0	359	290	318	0	331	286	321	0	335	302	0	0	0	0	0	0
700	31	0	49	0	62	0	80	0	0	0	0	0	325	0	9	289	323	0	10	273	313	0	338	282	317	0	343	288	0	0	0	0	0	0
800	49	0	69	0	77	0	93	0	0	0	0	0	314	0	344	281	311	0	348	271	307	0	317	297	310	0	318	296	0	0	0	0	0	0
900	32	0	53	0	50	0	63	0	0	0	0	0	315	0	353	283	309	0	354	279	305	0	314	296	308	0	318	299	0	0	0	0	0	0
1000	27	0	27	0	12	0	22	0	0	0	0	0	110	3	144	0	119	3	159	15	336	3	95	287	339	3	122	284	0	0	0	0	0	0
1100	12	0	32	0	10	0	22	0	0	0	0	0	164	0	200	142	167	0	216	141	138	0	182	116	151	0	190	125	0	0	0	0	0	0
1200	26	0	26	0	21	0	35	0	0	0	0	0	331	0	23	277	324	3	7	272	321	0	354	282	324	0	354	267	0	0	0	0	0	0
1300	25	0	25	0	18	0	30	0	0	0	0	0	353	3	67	278	355	3	74	285	341	3	23	294	344	3	21	296	0	0	0	0	0	0
1400	20	0	20	0	15	0	24	0	0	0	0	0	5	3	175	282	356	3	103	282	340	3	39	280	343	3	48	284	0	0	0	0	0	0
1500	23	0	41	0	33	0	46	0	0	0	0	0	3	3	75	278	0	0	63	312	345	0	49	292	348	0	37	298	0	0	0	0	0	0
1600	21	0	40	0	36	0	51	0	0	0	0	0	344	3	20	293	340	0	10	308	334	0	350	309	337	0	352	318	0	0	0	0	0	0
1700	15	0	34	0	35	0	50	0	0	0	0	0	358	3	40	332	354	0	31	331	336	0	340	331	340	0	345	335	0	0	0	0	0	0
1800	8	0	29	0	15	0	34	0	0	0	0	0	74	3	84	64	75	3	87	66	39	3	47	26	49	0	59	37	0	0	0	0	0	0
1900	17	0	38	0	29	0	47	0	0	0	0	0	70	3	89	48	71	0	91	47	33	3	46	22	43	0	55	31	0	0	0	0	0	0
2000	41	0	57	0	52	0	74	0	0	0	0	0	80	0	93	68	82	0	95	70	51	0	57	47	61	0	69	58	0	0	0	0	0	0
2100	42	0	59	0	89	0	99	0	0	0	0	0	86	0	96	75	88	0	96	80	60	0	63	59	71	0	73	69	0	0	0	0	0	0
2200	39	0	58	0	88	0	104	0	0	0	0	0	72	0	84	53	74	0	84	59	54	0	59	51	65	0	70	61	0	0	0	0	0	0
2300	42	0	60	0	72	0	95	0	0	0	0	0	75	0	84	64	76	0	95	66	50	0	56	42	60	0	65	54	0	0	0	0	0	0
2400	58	0	73	0	112	0	124	0	0	0	0	0	113	0	124	106	116	0	129	107	75	0	80	70	85	0	92	80	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	327	0	325	0	334	0	331	0	320	2	320	2	5	0	5	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
200	325	0	325	0	338	0	334	0	320	2	320	2	11	0	9	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
300	314	0	312	0	327	0	324	0	320	2	320	2	13	0	11	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
400	303	0	303	0	317	0	314	0	320	2	320	2	11	0	11	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
500	305	0	303	0	322	0	320	0	320	2	320	2	14	0	14	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	322	0	320	0	331	0	327	0	320	2	320	2	11	0	9	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	338	0	338	0	338	0	334	0	320	2	320	2	-4	0	-5	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
800	338	0	338	0	333	0	329	0	320	2	320	2	-7	0	-7	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
900	340	0	340	0	336	0	331	0	320	2	320	2	-7	0	-9	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1000	327	0	325	0	336	0	331	0	320	2	320	2	7	0	5	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1100	322	0	322	0	327	0	324	0	320	2	320	2	4	0	2	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1200	352	0	351	0	343	0	338	0	320	2	320	2	-11	0	-13	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1300	361	0	360	0	347	0	342	0	320	2	320	2	-16	0	-16	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1400	392	0	387	0	378	0	370	0	320	2	320	2	-16	0	-18	0	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1500	361	0	360	0	351	0	343	0	320	2	320	2	-13	0	-14	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	352	0	351	0	343	0	338	0	320	2	320	2	-9	0	-11	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1700	343	0	343	0	340	0	336	0	320	2	320	2	-5	0	-7	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1800	314	0	315	0	325	0	322	0	320	2	320	2	7	0	5	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1900	324	0	327	0	329	0	325	0	320	2	320	2	4	0	0	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
2000	315	0	322	0	334	0	329	0	320	2	320	2	16	0	13	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2100	306	0	308	0	334	0	331	0	320	2	320	2	25	0	22	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2200	306	0	306	0	331	0	327	0	320	2	320	2	22	0	18	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2300	305	0	305	0	334	0	331	0	320	2	320	2	29	0	25	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2400	294	0	294	0	329	0	325	0	320	2	320	2	32	0	29	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0

SI[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 180A	S	WIND SPD4 180B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 180A	S	MIN	MAX	WIND DIR4 180B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]6	S
100	36	0	77	0	113	0	127	0	0	0	0	0	133	0	151	112	136	0	157	118	111	0	118	103	121	0	130	115	0	0	0	0	0	0
200	43	0	69	0	120	0	133	0	0	0	0	0	141	0	175	115	144	0	179	117	128	0	135	120	139	0	149	127	0	0	0	0	0	0
300	30	0	50	0	101	0	119	0	0	0	0	0	173	0	221	129	173	0	213	128	160	0	168	153	168	0	180	161	0	0	0	0	0	0
400	33	0	48	0	114	0	117	0	0	0	0	0	196	0	247	140	196	0	236	153	181	0	186	176	187	0	194	183	0	0	0	0	0	0
500	31	0	50	0	119	0	122	0	0	0	0	0	192	0	234	150	189	0	223	155	179	0	184	173	185	0	190	183	0	0	0	0	0	0
600	29	0	40	0	106	0	110	0	0	0	0	0	190	0	238	147	190	0	245	119	182	0	185	176	188	0	193	182	0	0	0	0	0	0
700	37	0	49	0	89	0	69	0	0	0	0	0	208	0	228	175	208	0	232	176	197	0	204	189	203	0	210	193	0	0	0	0	0	0
800	28	0	45	0	58	0	74	0	0	0	0	0	138	0	160	123	142	0	158	122	158	0	164	153	167	0	173	162	0	0	0	0	0	0
900	22	0	49	0	67	0	83	0	0	0	0	0	142	0	178	119	143	0	170	125	148	0	156	144	158	0	161	154	0	0	0	0	0	0
1000	27	0	52	0	54	0	68	0	0	0	0	0	136	0	167	114	138	0	170	102	129	0	150	110	140	0	166	115	0	0	0	0	0	0
1100	61	0	81	0	98	0	109	0	0	0	0	0	139	0	197	97	141	0	170	100	132	0	162	108	142	0	169	112	0	0	0	0	0	0
1200	44	0	64	0	95	0	102	0	0	0	0	0	149	0	230	94	150	0	212	100	147	0	184	118	156	0	196	122	0	0	0	0	0	0
1300	41	0	65	0	92	0	107	0	0	0	0	0	146	0	230	93	146	0	207	99	140	0	187	108	150	0	190	119	0	0	0	0	0	0
1400	47	0	61	0	90	0	99	0	0	0	0	0	165	0	268	112	165	0	253	90	157	0	224	108	163	0	217	103	0	0	0	0	0	0
1500	56	0	79	0	102	0	118	0	0	0	0	0	150	0	224	116	149	0	210	121	140	0	169	113	151	0	194	122	0	0	0	0	0	0
1600	52	0	76	0	104	0	123	0	0	0	0	0	153	0	242	110	156	0	205	110	143	0	176	121	153	0	182	136	0	0	0	0	0	0
1700	32	0	54	0	83	0	97	0	0	0	0	0	145	0	194	107	147	0	210	111	136	0	150	119	147	0	159	136	0	0	0	0	0	0
1800	41	0	71	0	119	0	135	0	0	0	0	0	142	0	186	117	144	0	174	120	136	0	147	117	147	0	156	134	0	0	0	0	0	0
1900	56	0	84	0	121	0	136	0	0	0	0	0	135	0	169	112	137	0	175	116	126	0	139	111	138	0	150	130	0	0	0	0	0	0
2000	70	0	92	0	156	0	170	0	0	0	0	0	141	0	181	115	145	0	177	119	136	0	146	122	146	0	155	134	0	0	0	0	0	0
2100	76	0	102	0	166	0	179	0	0	0	0	0	142	0	174	110	145	0	184	113	136	0	154	118	148	0	161	133	0	0	0	0	0	0
2200	79	0	112	0	175	0	191	0	0	0	0	0	138	0	167	109	141	0	167	114	135	0	155	123	145	0	163	132	0	0	0	0	0	0
2300	90	0	108	0	160	0	178	0	0	0	0	0	145	0	187	117	146	0	192	113	140	0	163	118	150	0	166	112	0	0	0	0	0	0
2400	86	0	110	0	159	0	174	0	0	0	0	0	153	0	193	118	155	0	208	123	146	0	166	130	157	0	182	143	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	292	0	292	0	314	0	310	0	320	2	320	2	20	0	18	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
200	296	0	296	0	315	0	312	0	320	2	320	2	20	0	16	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
300	283	0	285	0	306	0	303	0	320	2	320	2	22	0	18	0	0	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
400	278	0	276	0	299	0	294	0	320	2	320	2	22	0	18	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
500	272	0	274	0	297	0	292	0	320	2	320	2	23	0	20	0	0	2	0	2	292	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	263	0	265	0	292	0	288	0	320	2	320	2	27	0	23	0	0	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	267	0	265	0	292	0	288	0	320	2	320	2	25	0	23	0	0	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
800	243	0	245	0	283	0	279	0	320	2	320	2	36	0	32	0	0	2	0	2	279	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
900	258	0	256	0	279	0	276	0	320	2	320	2	20	0	18	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1000	288	0	287	0	279	0	274	0	320	2	320	2	-13	0	-14	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1100	312	0	310	0	303	0	296	0	320	2	320	2	-11	0	-14	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1200	349	0	347	0	331	0	324	0	320	2	320	2	-22	0	-23	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1300	360	0	358	0	338	0	333	0	320	2	320	2	-23	0	-23	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1400	381	0	379	0	358	0	349	0	320	2	320	2	-29	0	-29	0	0	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1500	374	0	372	0	358	0	351	0	320	2	320	2	-20	0	-22	0	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	367	0	365	0	360	0	354	0	320	2	320	2	-9	0	-13	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1700	354	0	354	0	352	0	345	0	320	2	320	2	-5	0	-7	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1800	336	0	336	0	342	0	338	0	320	2	320	2	4	0	2	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1900	327	0	327	0	333	0	327	0	320	2	320	2	4	0	2	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2000	325	0	324	0	329	0	325	0	320	2	320	2	4	0	0	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2100	329	0	327	0	331	0	327	0	320	2	320	2	0	0	-2	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2200	327	0	327	0	329	0	327	0	320	2	320	2	0	0	-2	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2300	333	0	331	0	333	0	327	0	320	2	320	2	2	0	-4	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2400	336	0	336	0	336	0	331	0	320	2	320	2	-2	0	-5	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	65	0	85	0	156	0	171	0	0	0	0	0	166	0	222	93	164	0	218	97	158	0	183	130	168	0	191	141	0	0	0	0	0	0
200	70	0	87	0	165	0	175	0	0	0	0	0	161	0	217	117	161	0	207	101	156	0	180	134	165	0	199	144	0	0	0	0	0	0
300	69	0	84	0	146	0	157	0	0	0	0	0	164	0	214	93	169	0	229	122	162	0	184	140	172	0	192	149	0	0	0	0	0	0
400	68	0	86	0	149	0	158	0	0	0	0	0	160	0	222	110	165	0	232	105	159	0	187	133	169	0	188	143	0	0	0	0	0	0
500	61	0	77	0	133	0	147	0	0	0	0	0	164	0	218	97	168	0	241	104	158	0	175	134	167	0	185	139	0	0	0	0	0	0
600	56	0	74	0	132	0	141	0	0	0	0	0	169	0	263	105	172	0	225	114	160	0	181	138	169	0	188	143	0	0	0	0	0	0
700	46	0	65	0	100	0	114	0	0	0	0	0	166	0	222	125	166	0	219	111	159	0	184	136	169	0	193	151	0	0	0	0	0	0
800	74	0	100	0	156	0	169	0	0	0	0	0	159	0	224	123	158	0	215	109	151	0	169	122	161	0	179	135	0	0	0	0	0	0
900	84	0	96	0	161	0	160	0	0	0	0	0	169	0	261	95	171	0	236	107	158	0	181	128	168	0	194	143	0	0	0	0	0	0
1000	76	0	89	0	160	0	172	0	0	0	0	0	172	0	243	113	171	0	267	98	160	0	190	113	169	0	193	142	0	0	0	0	0	0
1100	127	0	127	0	234	0	201	0	0	0	0	0	188	0	247	109	186	0	245	94	174	0	204	130	183	0	206	159	0	0	0	0	0	0
1200	117	0	117	0	189	0	173	0	0	0	0	0	213	0	264	161	214	0	267	177	189	0	217	155	196	0	222	167	0	0	0	0	0	0
1300	123	0	121	0	186	0	174	0	0	0	0	0	228	0	279	181	226	0	271	181	205	0	263	167	212	0	255	177	0	0	0	0	0	0
1400	107	0	104	0	153	0	149	0	0	0	0	0	232	0	280	181	233	0	290	180	207	0	246	173	213	0	250	181	0	0	0	0	0	0
1500	119	0	113	0	195	0	182	0	0	0	0	0	239	0	275	208	239	0	281	199	221	0	248	193	228	0	250	205	0	0	0	0	0	0
1600	112	0	110	0	201	0	189	0	0	0	0	0	241	0	280	189	239	0	282	200	225	0	235	184	232	0	245	205	0	0	0	0	0	0
1700	116	0	131	0	227	0	208	0	0	0	0	0	260	0	300	210	256	0	289	221	242	0	249	236	247	0	267	240	0	0	0	0	0	0
1800	116	0	117	0	214	0	194	0	0	0	0	0	253	0	290	224	249	0	280	220	238	0	251	233	244	0	259	238	0	0	0	0	0	0
1900	143	0	161	0	182	0	204	0	0	0	0	0	270	0	308	234	267	0	300	240	261	0	297	228	266	0	291	250	0	0	0	0	0	0
2000	144	0	160	0	182	0	210	0	0	0	0	0	288	0	328	252	284	0	323	240	272	0	309	225	277	0	298	244	0	0	0	0	0	0
2100	132	0	149	0	166	0	187	0	0	0	0	0	279	0	315	246	274	0	317	238	269	0	303	219	272	0	312	238	0	0	0	0	0	0
2200	244	0	247	0	292	0	327	0	0	0	0	0	298	0	338	269	291	0	337	259	282	0	298	253	285	0	295	267	0	0	0	0	0	0
2300	262	0	259	0	329	0	353	0	0	0	0	0	303	0	324	280	298	0	324	264	293	0	300	285	294	0	302	286	0	0	0	0	0	0
2400	251	0	272	0	326	0	328	0	0	0	0	0	311	0	331	276	306	0	329	284	300	0	308	292	302	0	310	294	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 100A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEM6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	338	0	338	0	340	0	336	0	320	2	320	2	0	0	-2	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
200	336	0	336	0	340	0	336	0	320	2	320	2	2	0	0	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
300	342	0	340	0	345	0	340	0	320	2	320	2	2	0	0	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
400	342	0	340	0	345	0	340	0	320	2	320	2	2	0	0	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
500	338	0	338	0	345	0	340	0	320	2	320	2	4	0	2	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	342	0	342	0	349	0	343	0	320	2	320	2	4	0	2	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	345	0	345	0	351	0	345	0	320	2	320	2	4	0	0	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
800	347	0	347	0	349	0	343	0	320	2	320	2	0	0	-4	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
900	361	0	361	0	363	0	356	0	320	2	320	2	0	0	-4	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1000	374	0	372	0	374	0	369	0	320	2	320	2	-2	0	-4	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1100	430	0	430	0	426	0	419	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1200	435	0	433	0	428	0	423	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1300	455	0	455	0	439	0	433	0	320	2	320	2	-16	0	-20	0	0	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1400	464	0	464	0	451	0	444	0	320	2	320	2	-14	0	-18	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1500	432	0	430	0	430	0	424	0	320	2	320	2	-4	0	-5	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	419	0	419	0	423	0	417	0	320	2	320	2	2	0	2	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1700	410	0	410	0	421	0	415	0	320	2	320	2	9	0	7	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1800	406	0	405	0	419	0	415	0	320	2	320	2	11	0	9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1900	406	0	405	0	408	0	403	0	320	2	320	2	0	0	-2	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2000	406	0	405	0	401	0	396	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2100	397	0	396	0	392	0	387	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2200	381	0	381	0	378	0	372	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
2300	370	0	369	0	363	0	360	0	320	2	320	2	-7	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2400	363	0	361	0	356	0	351	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6

STA[illegible]ODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]LID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

PER[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION 01 L[illegible]Y

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	213	0	227	0	278	0	279	0	0	0	0	0	308	0	336	274	305	0	325	274	300	0	314	291	302	0	317	290	0	0	0	0	0	0
200	232	0	247	0	298	0	296	0	0	0	0	0	310	0	338	275	306	0	332	272	303	0	314	296	305	0	317	293	0	0	0	0	0	0
300	196	0	206	0	281	0	289	0	0	0	0	0	314	0	342	275	310	0	343	271	306	0	314	298	309	0	318	300	0	0	0	0	0	0
400	178	0	193	0	250	0	273	0	0	0	0	0	338	0	13	297	332	0	13	270	322	0	332	303	326	0	345	311	0	0	0	0	0	0
500	152	0	167	0	213	0	228	0	0	0	0	0	338	0	4	315	334	0	4	297	326	0	339	313	330	0	347	316	0	0	0	0	0	0
600	152	0	174	0	221	0	241	0	0	0	0	0	332	0	8	283	330	0	4	275	321	0	337	297	324	0	340	306	0	0	0	0	0	0
700	177	0	195	0	250	0	265	0	0	0	0	0	340	0	41	315	336	0	23	310	327	0	347	313	331	0	346	315	0	0	0	0	0	0
800	139	0	156	0	209	0	220	0	0	0	0	0	344	0	27	295	340	0	25	308	333	0	354	314	337	0	6	317	0	0	0	0	0	0
900	138	0	161	0	216	0	227	0	0	0	0	0	342	0	22	302	337	0	20	296	328	0	345	314	332	0	355	308	0	0	0	0	0	0
1000	123	0	142	0	193	0	210	0	0	0	0	0	334	0	28	284	332	0	10	299	322	0	337	296	326	0	346	309	0	0	0	0	0	0
1100	120	0	141	0	184	0	204	0	0	0	0	0	333	0	1	278	331	0	0	292	323	0	345	300	326	0	343	308	0	0	0	0	0	0
1200	143	0	164	0	216	0	229	0	0	0	0	0	341	0	27	293	338	0	13	275	335	0	16	318	338	0	14	317	0	0	0	0	0	0
1300	96	0	115	0	148	0	165	0	0	0	0	0	333	0	26	272	333	0	8	290	324	0	344	297	327	0	342	278	0	0	0	0	0	0
1400	105	0	121	0	159	0	172	0	0	0	0	0	331	0	19	279	326	0	13	287	316	0	341	291	319	0	336	286	0	0	0	0	0	0
1500	131	0	143	0	197	0	211	0	0	0	0	0	332	0	16	275	329	0	28	272	320	0	338	269	324	0	350	305	0	0	0	0	0	0
1600	108	0	119	0	159	0	171	0	0	0	0	0	325	0	358	289	322	0	3	279	315	0	350	297	319	0	346	302	0	0	0	0	0	0
1700	149	0	163	0	195	0	203	0	0	0	0	0	307	0	333	276	303	0	330	276	297	0	308	285	300	0	312	289	0	0	0	0	0	0
1800	127	0	141	0	164	0	169	0	0	0	0	0	308	0	333	275	304	0	333	270	297	0	317	285	299	0	313	289	0	0	0	0	0	0
1900	118	0	132	0	157	0	165	0	0	0	0	0	309	0	342	280	304	0	327	276	297	0	310	278	300	0	315	286	0	0	0	0	0	0
2000	100	0	116	0	133	0	148	0	0	0	0	0	300	0	325	268	297	0	321	271	291	0	308	278	294	0	309	280	0	0	0	0	0	0
2100	133	0	146	0	170	0	193	0	0	0	0	0	299	0	333	276	295	0	324	269	286	0	295	277	289	0	299	279	0	0	0	0	0	0
2200	103	0	116	0	134	0	154	0	0	0	0	0	300	0	323	275	296	0	329	261	287	0	299	269	291	0	305	277	0	0	0	0	0	0
2300	88	0	108	0	118	0	134	0	0	0	0	0	313	0	353	285	309	0	12	273	301	0	332	288	304	0	328	291	0	0	0	0	0	0
2400	113	0	131	0	140	0	160	0	0	0	0	0	303	0	334	282	298	0	327	272	289	0	306	275	292	0	307	280	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	363	0	361	0	356	0	351	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
200	363	0	363	0	360	0	354	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
300	365	0	365	0	360	0	354	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
400	367	0	365	0	361	0	356	0	320	2	320	2	-7	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
500	367	0	365	0	361	0	356	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
600	372	0	372	0	367	0	363	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	374	0	372	0	369	0	363	0	320	2	320	2	-7	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
800	372	0	372	0	367	0	363	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
900	367	0	365	0	361	0	356	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1000	365	0	363	0	358	0	354	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1100	356	0	354	0	349	0	343	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1200	342	0	342	0	334	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1300	338	0	336	0	329	0	325	0	320	2	320	2	-9	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1400	342	0	342	0	334	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1500	342	0	342	0	336	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1600	338	0	338	0	331	0	327	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1700	338	0	336	0	331	0	327	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1800	334	0	334	0	329	0	324	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1900	333	0	331	0	327	0	322	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2000	327	0	325	0	320	0	314	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2100	322	0	322	0	314	0	308	0	320	2	320	2	-9	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2200	314	0	312	0	306	0	303	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
2300	312	0	310	0	305	0	301	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2400	306	0	306	0	299	0	296	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY 6, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	88	0	107	0	116	0	132	0	0	0	0	0	304	0	344	276	297	0	336	270	287	0	308	253	292	0	312	258	0	0	0	0	0	0
200	75	0	86	0	103	0	120	0	0	0	0	0	285	0	329	232	283	0	333	240	275	0	303	236	280	0	307	233	0	0	0	0	0	0
300	96	0	110	0	124	0	147	0	0	0	0	0	299	0	329	271	293	0	321	244	279	0	297	254	284	0	307	260	0	0	0	0	0	0
400	90	0	109	0	111	0	131	0	0	0	0	0	275	0	341	233	271	0	317	239	260	0	303	216	266	0	305	222	0	0	0	0	0	0
500	90	0	108	0	116	0	132	0	0	0	0	0	273	0	319	234	271	0	315	224	260	0	293	217	266	0	306	222	0	0	0	0	0	0
600	120	0	140	0	161	0	179	0	0	0	0	0	264	0	311	218	263	0	308	228	251	0	296	223	257	0	289	231	0	0	0	0	0	0
700	160	0	178	0	182	0	206	0	0	0	0	0	274	0	308	229	270	0	318	238	260	0	299	231	265	0	301	235	0	0	0	0	0	0
800	133	0	150	0	162	0	182	0	0	0	0	0	272	0	330	229	268	0	319	232	259	0	301	236	265	0	312	243	0	0	0	0	0	0
900	137	0	150	0	164	0	186	0	0	0	0	0	265	0	299	229	262	0	290	226	251	0	288	229	257	0	282	233	0	0	0	0	0	0
1000	121	0	132	0	148	0	166	0	0	0	0	0	290	0	330	251	286	0	318	240	276	0	301	223	281	0	307	224	0	0	0	0	0	0
1100	115	0	130	0	129	0	147	0	0	0	0	0	266	0	295	225	263	0	295	233	256	0	288	229	261	0	290	234	0	0	0	0	0	0
1200	118	0	131	0	139	0	162	0	0	0	0	0	277	0	317	231	273	0	309	225	262	0	312	220	267	0	312	240	0	0	0	0	0	0
1300	141	0	159	0	158	0	181	0	0	0	0	0	266	0	300	236	263	0	299	235	254	0	276	241	259	0	278	247	0	0	0	0	0	0
1400	124	0	143	0	145	0	163	0	0	0	0	0	277	0	333	229	273	0	321	239	261	0	301	234	265	0	302	233	0	0	0	0	0	0
1500	137	0	155	0	161	0	181	0	0	0	0	0	271	0	315	233	268	0	311	240	257	0	287	225	263	0	303	230	0	0	0	0	0	0
1600	152	0	176	0	182	0	203	0	0	0	0	0	268	0	313	234	265	0	292	221	255	0	291	238	260	0	289	242	0	0	0	0	0	0
1700	121	0	136	0	145	0	166	0	0	0	0	0	273	0	306	229	269	0	312	237	260	0	297	235	265	0	297	244	0	0	0	0	0	0
1800	136	0	150	0	169	0	188	0	0	0	0	0	264	0	299	226	261	0	294	236	249	0	283	233	254	0	285	229	0	0	0	0	0	0
1900	127	0	143	0	189	0	195	0	0	0	0	0	261	0	294	232	258	0	293	223	244	0	263	214	249	0	266	231	0	0	0	0	0	0
2000	141	0	160	0	186	0	200	0	0	0	0	0	264	0	298	230	260	0	287	231	246	0	258	224	251	0	262	233	0	0	0	0	0	0
2100	109	0	120	0	170	0	171	0	0	0	0	0	259	0	299	217	257	0	294	214	241	0	260	216	247	0	265	219	0	0	0	0	0	0
2200	138	0	148	0	184	0	198	0	0	0	0	0	261	0	301	227	258	0	286	209	244	0	256	223	250	0	262	228	0	0	0	0	0	0
2300	125	0	130	0	171	0	171	0	0	0	0	0	254	0	283	217	252	0	294	221	239	0	256	217	245	0	263	219	0	0	0	0	0	0
2400	110	0	120	0	163	0	170	0	0	0	0	0	261	0	310	221	260	0	288	211	243	0	266	218	249	0	263	219	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	308	0	306	0	301	0	297	0	320	2	320	2	-7	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
200	314	0	312	0	306	0	303	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
300	303	0	303	0	296	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
400	312	0	310	0	305	0	299	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
500	308	0	308	0	301	0	297	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	303	0	301	0	294	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	303	0	301	0	296	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
800	292	0	292	0	285	0	281	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
900	288	0	287	0	279	0	276	0	320	2	320	2	-11	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1000	283	0	281	0	276	0	270	0	320	2	320	2	-11	0	-13	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1100	281	0	281	0	276	0	270	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1200	276	0	274	0	267	0	263	0	320	2	320	2	-11	0	-13	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1300	279	0	279	0	270	0	267	0	320	2	320	2	-11	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1400	285	0	285	0	278	0	274	0	320	2	320	2	-9	0	-13	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1500	288	0	288	0	281	0	278	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1600	294	0	294	0	287	0	281	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1700	301	0	301	0	294	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1800	303	0	301	0	294	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1900	303	0	303	0	296	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2000	301	0	301	0	294	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2100	297	0	297	0	292	0	287	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2200	294	0	292	0	287	0	281	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2300	288	0	287	0	281	0	278	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2400	288	0	287	0	281	0	278	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0

ST[illegible] CODE(S) DEFINITIONS, 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]LID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REP[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	86	0	99	0	128	0	135	0	0	0	0	0	258	0	297	205	254	0	295	205	241	0	257	205	246	0	262	221	0	0	0	0	0	0
200	104	0	116	0	152	0	156	0	0	0	0	0	257	0	293	226	256	0	293	204	241	0	257	221	247	0	260	232	0	0	0	0	0	0
300	97	0	94	0	147	0	140	0	0	0	0	0	240	0	292	197	237	0	289	196	218	0	240	176	226	0	256	190	0	0	0	0	0	0
400	106	0	107	0	159	0	155	0	0	0	0	0	244	0	287	203	243	0	276	210	224	0	247	191	230	0	249	194	0	0	0	0	0	0
500	66	0	73	0	104	0	106	0	0	0	0	0	240	0	283	196	238	0	282	198	217	0	255	178	225	0	250	192	0	0	0	0	0	0
600	46	0	58	0	78	0	81	0	0	0	0	0	217	0	265	162	216	0	265	157	196	0	221	174	204	0	226	177	0	0	0	0	0	0
700	62	0	70	0	103	0	104	0	0	0	0	0	225	0	278	187	224	0	269	163	203	0	236	173	210	0	231	184	0	0	0	0	0	0
800	38	0	50	0	78	0	81	0	0	0	0	0	209	0	258	166	213	0	251	164	198	0	235	156	207	0	239	168	0	0	0	0	0	0
900	27	0	40	0	75	0	80	0	0	0	0	0	180	0	254	91	183	0	249	105	182	0	228	152	189	0	226	163	0	0	0	0	0	0
1000	26	0	36	0	62	0	69	0	0	0	0	0	186	0	265	98	185	0	259	94	178	0	197	150	186	0	205	154	0	0	0	0	0	0
1100	26	0	37	0	60	0	65	0	0	0	0	0	185	0	264	105	185	0	254	91	174	0	224	141	184	0	227	143	0	0	0	0	0	0
1200	30	0	45	0	64	0	74	0	0	0	0	0	167	3	226	93	171	0	249	97	160	0	188	128	169	0	199	120	0	0	0	0	0	0
1300	32	0	47	0	79	0	84	0	0	0	0	0	179	0	262	98	179	0	262	94	166	0	201	128	175	0	201	144	0	0	0	0	0	0
1400	48	0	62	0	95	0	102	0	0	0	0	0	175	0	241	.92	177	0	254	94	165	0	196	112	174	0	210	134	0	0	0	0	0	0
1500	52	0	75	0	99	0	115	0	0	0	0	0	161	0	229	107	163	0	221	119	149	0	198	101	159	0	195	119	0	0	0	0	0	0
1600	89	0	98	0	113	0	120	0	0	0	0	0	111	0	140	60	113	0	143	77	91	0	110	74	103	0	120	83	0	0	0	0	0	0
1700	74	0	87	0	96	0	107	0	0	0	0	0	113	0	138	82	116	0	139	80	93	0	109	70	105	0	119	87	0	0	0	0	0	0
1800	91	0	101	0	122	0	133	0	0	0	0	0	113	0	144	81	114	0	147	83	94	0	112	72	104	0	119	84	0	0	0	0	0	0
1900	125	0	135	0	176	0	181	0	0	0	0	0	102	0	124	81	104	0	129	71	85	0	104	63	94	0	111	75	0	0	0	0	0	0
2000	120	0	133	0	169	0	167	0	0	0	0	0	107	0	145	71	110	0	148	80	86	0	101	69	97	0	118	82	0	0	0	0	0	0
2100	112	0	122	0	147	0	107	2	0	0	0	0	114	0	135	94	116	0	136	96	98	0	113	80	108	0	125	88	0	0	0	0	0	0
2200	118	0	127	0	162	0	167	0	0	0	0	0	107	0	134	82	111	0	146	86	91	0	109	75	101	0	119	83	0	0	0	0	0	0
2300	104	0	114	0	140	0	148	0	0	0	0	0	101	0	139	67	103	0	139	66	80	0	99	57	91	0	122	71	0	0	0	0	0	0
2400	103	0	112	0	149	0	158	0	0	0	0	0	104	0	135	79	104	0	125	76	83	0	98	68	94	0	110	76	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	287	0	285	0	279	0	276	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
200	285	0	285	0	279	0	276	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
300	276	0	276	0	270	0	267	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
400	278	0	276	0	270	0	267	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
500	263	0	261	0	256	0	251	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	252	0	252	0	249	0	243	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	254	0	252	0	249	0	243	0	320	2	320	2	-7	0	-7	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
800	229	0	229	0	234	0	229	0	320	2	320	2	4	0	2	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
900	240	0	238	0	240	0	236	0	320	2	320	2	2	0	-4	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1000	247	0	247	0	242	0	236	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1100	267	0	267	0	254	0	251	0	320	2	320	2	-14	0	-16	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1200	276	0	274	0	261	0	258	0	320	2	320	2	-16	0	-18	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1300	279	0	279	0	267	0	263	0	320	2	320	2	-14	0	-16	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1400	281	0	279	0	272	0	267	0	320	2	320	2	-13	0	-14	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1500	281	0	279	0	272	0	267	0	320	2	320	2	-11	0	-13	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1600	278	0	278	0	272	0	267	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1700	261	0	260	0	254	0	249	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1800	258	0	258	0	254	0	249	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1900	258	0	256	0	252	0	247	0	320	2	320	2	-7	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2000	256	0	254	0	251	0	245	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2100	256	0	254	0	251	0	245	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2200	254	0	252	0	249	0	245	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2300	256	0	254	0	251	0	245	0	320	2	320	2	-5	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2400	258	0	256	0	254	0	249	0	320	2	320	2	-5	0	-7	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	89	0	79	0	131	0	141	0	0	0	0	0	96	0	133	77	97	0	130	75	77	0	96	66	88	0	102	74	0	0	0	0	0	0
200	97	0	113	0	134	0	143	0	0	0	0	0	100	0	130	70	104	0	132	71	83	0	112	68	93	0	115	71	0	0	0	0	0	0
300	96	0	107	0	137	0	144	0	0	0	0	0	99	0	121	68	101	0	135	77	78	0	97	68	88	0	98	77	0	0	0	0	0	0
400	72	0	87	0	110	0	121	0	0	0	0	0	100	0	148	62	100	0	132	72	80	0	93	70	91	0	98	81	0	0	0	0	0	0
500	17	0	38	0	39	0	51	0	0	0	0	0	81	0	112	45	81	0	108	47	60	0	75	45	71	0	88	54	0	0	0	0	0	0
600	21	0	39	0	35	0	47	0	0	0	0	0	84	0	117	66	84	0	108	66	61	0	72	47	73	0	85	63	0	0	0	0	0	0
700	24	0	24	0	21	0	34	0	0	0	0	0	8	0	42	327	2	3	42	303	1	3	13	327	8	0	29	344	0	0	0	0	0	0
800	13	0	32	0	36	0	49	0	0	0	0	0	49	3	73	30	46	0	70	31	16	0	28	6	24	0	33	13	0	0	0	0	0	0
900	16	0	39	0	37	0	55	0	0	0	0	0	57	3	87	36	59	0	84	36	30	0	53	17	39	0	55	26	0	0	0	0	0	0
1000	12	0	31	0	25	0	45	0	0	0	0	0	65	3	99	35	65	0	111	34	35	3	50	14	45	0	62	26	0	0	0	0	0	0
1100	24	0	24	0	22	0	34	0	0	0	0	0	49	3	102	18	47	3	80	5	19	3	68	354	28	0	61	358	0	0	0	0	0	0
1200	56	0	73	0	74	0	86	0	0	0	0	0	35	0	71	9	31	0	66	359	10	0	35	340	18	0	49	351	0	0	0	0	0	0
1300	58	0	74	0	90	0	104	0	0	0	0	0	34	0	87	1	32	0	87	358	11	0	35	339	19	0	46	342	0	0	0	0	0	0
1400	103	0	118	0	134	0	142	0	0	0	0	0	36	0	68	1	35	0	69	1	15	0	39	343	22	0	48	357	0	0	0	0	0	0
1500	86	0	102	0	123	0	134	0	0	0	0	0	35	0	73	351	32	0	64	346	10	0	39	331	18	0	50	335	0	0	0	0	0	0
1600	100	0	112	0	139	0	146	0	0	0	0	0	34	0	63	357	33	0	64	356	13	0	45	350	20	0	53	337	0	0	0	0	0	0
1700	122	0	136	0	153	0	167	0	0	0	0	0	29	0	56	1	26	0	59	352	5	0	31	339	10	0	58	341	0	0	0	0	0	0
1800	107	0	123	0	146	0	156	0	0	0	0	0	37	0	65	10	36	0	69	9	12	0	42	353	20	0	60	355	0	0	0	0	0	0
1900	142	0	154	0	194	0	203	0	0	0	0	0	29	0	69	5	28	0	66	2	3	0	34	332	9	0	35	337	0	0	0	0	0	0
2000	151	0	165	0	199	0	207	0	0	0	0	0	32	0	68	8	30	0	57	359	9	0	32	345	14	0	43	332	0	0	0	0	0	0
2100	144	0	158	0	185	0	196	0	0	0	0	0	33	0	69	2	31	0	67	0	13	0	43	342	21	0	46	345	0	0	0	0	0	0
2200	134	0	152	0	181	0	191	0	0	0	0	0	31	0	79	353	31	0	66	334	8	0	31	338	14	0	45	343	0	0	0	0	0	0
2300	153	0	168	0	202	0	208	0	0	0	0	0	32	0	72	352	28	0	59	344	8	0	33	344	14	0	39	337	0	0	0	0	0	0
2400	151	0	169	0	197	0	205	0	0	0	0	0	35	0	68	358	33	0	67	357	8	0	44	338	17	0	47	345	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	261	0	261	0	258	0	252	0	320	2	320	2	-5	0	-7	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
200	265	0	263	0	261	0	256	0	320	2	320	2	-5	0	-7	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
300	267	0	267	0	263	0	258	0	320	2	320	2	-7	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
400	272	0	270	0	267	0	263	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
500	274	0	274	0	269	0	265	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	276	0	274	0	269	0	265	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	274	0	274	0	269	0	265	0	320	2	320	2	-7	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
800	276	0	276	0	274	0	270	0	320	2	320	2	-4	0	-5	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
900	278	0	276	0	272	0	269	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1000	283	0	281	0	276	0	272	0	320	2	320	2	-9	0	-11	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1100	292	0	290	0	283	0	279	0	320	2	320	2	-11	0	-13	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	122	0
1200	303	0	301	0	294	0	290	0	320	2	320	2	-11	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	125	0
1300	310	0	308	0	301	0	297	0	320	2	320	2	-11	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1400	314	0	314	0	306	0	303	0	320	2	320	2	-11	0	-13	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1500	320	0	322	0	310	0	305	0	320	2	320	2	-11	0	-13	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	322	0	320	0	312	0	306	0	320	2	320	2	-11	0	-13	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1700	331	0	331	0	324	0	314	0	320	2	320	2	-11	0	-16	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1800	322	0	320	0	315	0	310	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	336	0	334	0	329	0	322	0	320	2	320	2	-9	0	-13	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	336	0	336	0	331	0	324	0	320	2	320	2	-7	0	-14	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2100	327	0	327	0	322	0	314	0	320	2	320	2	-9	0	-14	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	331	0	329	0	325	0	315	0	320	2	320	2	-7	0	-14	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	6
2300	329	0	327	0	324	0	314	0	320	2	320	2	-7	0	-14	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	329	0	329	0	325	0	314	0	320	2	320	2	-7	0	-14	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REF[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX		S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA[illegible]	WIND [illegible]	S
100	124	0	140	0	170	0	179	0	0	0	0	0	28	0	61	344	27	0	57	348	7	0	38	347	12	0	51	339	0	0	0	0	0	0
200	100	0	117	0	138	0	149	0	0	0	0	0	31	0	61	355	30	0	63	354	5	0	27	346	12	0	34	348	0	0	0	0	0	0
300	114	0	128	0	164	0	172	0	0	0	0	0	29	0	63	358	27	0	55	357	3	0	26	339	9	0	38	335	0	0	0	0	0	0
400	107	0	120	0	150	0	159	0	0	0	0	0	22	0	60	337	21	0	55	347	0	0	20	318	8	0	31	341	0	0	0	0	0	0
500	105	0	124	0	160	0	173	0	0	0	0	0	345	0	17	288	340	0	33	300	333	0	357	313	336	0	359	314	0	0	0	0	0	0
600	164	0	184	0	237	0	256	0	0	0	0	0	334	0	48	287	328	0	5	270	321	0	334	289	325	0	341	291	0	0	0	0	0	0
700	156	0	171	0	221	0	233	0	0	0	0	0	320	0	352	275	316	0	11	278	310	0	336	282	313	0	334	278	0	0	0	0	0	0
800	178	0	183	0	220	0	240	0	0	0	0	0	301	0	327	272	296	0	327	266	292	0	306	281	294	0	307	284	0	0	0	0	0	0
900	176	0	178	0	205	0	232	0	0	0	0	0	296	0	324	258	290	0	326	246	282	0	306	254	285	0	301	257	0	0	0	0	0	0
1000	161	0	173	0	203	0	228	0	0	0	0	0	297	0	334	248	291	0	337	260	280	0	302	243	284	0	300	242	0	0	0	0	0	0
1100	154	0	173	0	180	0	202	0	0	0	0	0	285	0	330	246	281	0	325	240	271	0	309	207	277	0	307	240	0	0	0	0	0	0
1200	216	0	233	0	244	0	266	0	0	0	0	0	268	0	299	225	267	0	294	237	259	0	285	225	263	0	301	239	0	0	0	0	0	0
1300	223	0	245	0	254	0	283	0	0	0	0	0	270	0	296	251	266	0	309	245	253	0	275	235	258	0	279	236	0	0	0	0	0	0
1400	222	0	240	0	316	0	334	0	0	0	0	0	266	0	297	228	263	0	291	226	246	0	262	221	252	0	279	235	0	0	0	0	0	0
1500	206	0	213	0	317	0	310	0	0	0	0	0	261	0	313	215	262	0	318	231	244	0	266	220	248	0	267	227	0	0	0	0	0	0
1600	217	0	207	0	327	0	302	0	0	0	0	0	257	0	304	208	253	0	292	223	240	0	258	224	244	0	265	227	0	0	0	0	0	0
1700	240	0	222	0	320	0	311	0	0	0	0	0	250	0	294	220	246	0	274	217	232	0	243	218	237	0	246	222	0	0	0	0	0	0
1800	232	0	210	0	307	0	298	0	0	0	0	0	249	0	328	218	245	0	282	212	230	0	251	212	235	0	256	214	0	0	0	0	0	0
1900	280	0	252	0	370	0	357	0	0	0	0	0	250	0	281	220	247	0	273	210	232	0	243	218	238	0	248	224	0	0	0	0	0	0
2000	241	0	216	0	351	0	307	0	0	0	0	0	253	0	297	216	254	0	286	225	241	0	261	221	246	0	274	233	0	0	0	0	0	0
2100	218	0	225	0	346	0	322	0	0	0	0	0	260	0	299	217	257	0	295	223	242	0	271	225	248	0	263	234	0	0	0	0	0	0
2200	245	0	262	0	328	0	352	0	0	0	0	0	266	0	293	234	261	0	294	214	248	0	265	225	254	0	262	233	0	0	0	0	0	0
2300	258	0	290	0	321	0	354	0	0	0	0	0	269	0	291	244	264	0	285	227	251	0	257	242	255	0	266	247	0	0	0	0	0	0
2400	238	0	257	0	274	0	310	0	0	0	0	0	268	0	294	241	265	0	291	239	251	0	258	247	256	0	263	249	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	331	0	331	0	327	0	317	0	320	2	320	2	-7	0	-14	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
200	327	0	327	0	320	0	312	0	320	2	320	2	-7	0	-13	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	329	0	327	0	325	0	315	0	320	2	320	2	-7	0	-13	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
400	327	0	325	0	322	0	315	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
500	320	0	322	0	312	0	306	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
600	329	0	329	0	324	0	322	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
700	320	0	317	0	312	0	308	0	320	2	320	2	-7	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
800	312	0	310	0	305	0	301	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
900	301	0	299	0	294	0	288	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1000	294	0	292	0	287	0	281	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1100	301	0	301	0	296	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1200	299	0	297	0	290	0	287	0	320	2	320	2	-9	0	-13	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1300	299	0	297	0	290	0	287	0	320	2	320	2	-11	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1400	301	0	301	0	292	0	287	0	320	2	320	2	-11	0	-14	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1500	297	0	296	0	288	0	283	0	320	2	320	2	-11	0	-13	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1600	281	0	279	0	274	0	269	0	320	2	320	2	-11	0	-13	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1700	278	0	276	0	270	0	265	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1800	267	0	265	0	261	0	256	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	270	0	269	0	263	0	260	0	320	2	320	2	-7	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	279	0	278	0	276	0	276	0	320	2	320	2	-7	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2100	283	0	281	0	278	0	272	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	6
2200	287	0	287	0	279	0	276	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2300	297	0	296	0	290	0	285	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2400	303	0	303	0	296	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY 14, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	244	0	264	0	267	0	293	0	0	0	0	0	268	0	291	244	266	0	292	245	257	0	281	240	262	0	286	239	0	0	0	0	0	0
200	204	0	226	0	226	0	251	0	0	0	0	0	269	0	296	241	265	0	285	237	256	0	285	236	261	0	286	234	0	0	0	0	0	0
300	119	0	134	0	141	0	164	0	0	0	0	0	282	0	327	247	279	0	321	234	270	0	322	236	275	0	324	231	0	0	0	0	0	0
400	148	0	154	0	172	0	194	0	0	0	0	0	296	0	327	260	292	0	316	260	279	0	299	250	284	0	305	251	0	0	0	0	0	0
500	138	0	148	0	194	0	217	0	0	0	0	0	300	0	329	271	294	0	321	265	289	0	300	281	291	0	301	286	0	0	0	0	0	0
600	114	0	133	0	162	0	182	0	0	0	0	0	302	0	332	275	298	0	319	275	292	0	298	286	295	0	301	289	0	0	0	0	0	0
700	120	0	133	0	163	0	186	0	0	0	0	0	297	0	328	278	293	0	322	267	286	0	294	263	289	0	295	278	0	0	0	0	0	0
800	100	0	114	0	150	0	163	0	0	0	0	0	304	0	341	276	298	0	319	274	295	0	302	288	298	0	301	290	0	0	0	0	0	0
900	93	0	109	0	137	0	151	0	0	0	0	0	312	0	343	286	307	0	343	285	305	0	315	296	308	0	318	288	0	0	0	0	0	0
1000	82	0	97	0	116	0	120	0	0	0	0	0	307	0	328	281	303	0	331	279	301	0	312	296	303	0	313	299	0	0	0	0	0	0
1100	75	0	93	0	109	0	120	0	0	0	0	0	311	0	340	271	305	0	328	283	305	0	308	299	308	0	312	302	0	0	0	0	0	0
1200	77	0	90	0	103	0	120	0	0	0	0	0	299	0	327	276	295	0	317	262	290	0	298	283	294	0	301	287	0	0	0	0	0	0
1300	90	0	103	0	126	0	140	0	0	0	0	0	302	0	322	274	296	0	316	263	294	0	300	287	297	0	301	290	0	0	0	0	0	0
1400	97	0	111	0	145	0	164	0	0	0	0	0	299	0	327	274	295	0	317	262	290	0	296	284	293	0	298	288	0	0	0	0	0	0
1500	88	0	110	0	136	0	145	0	0	0	0	0	304	0	326	283	300	0	331	275	298	0	302	293	300	0	303	293	0	0	0	0	0	0
1600	91	0	107	0	126	0	140	0	0	0	0	0	300	0	322	274	296	0	318	272	295	0	300	291	298	0	301	294	0	0	0	0	0	0
1700	84	0	107	0	126	0	142	0	0	0	0	0	339	0	3	304	334	0	354	308	324	0	328	319	328	0	332	324	0	0	0	0	0	0
1800	53	0	73	0	102	0	115	0	0	0	0	0	344	0	5	315	338	0	2	304	333	0	337	327	337	0	342	333	0	0	0	0	0	0
1900	66	0	86	0	96	0	115	0	0	0	0	0	323	0	353	287	318	0	335	299	313	0	317	308	316	0	321	312	0	0	0	0	0	0
2000	51	0	74	0	81	0	100	0	0	0	0	0	325	0	353	294	320	0	341	300	313	0	316	309	316	0	319	312	0	0	0	0	0	0
2100	28	0	49	0	52	0	67	0	0	0	0	0	342	0	1	305	337	0	359	296	324	0	327	318	327	0	331	322	0	0	0	0	0	0
2200	14	0	31	0	25	0	42	0	0	0	0	0	262	0	306	226	256	0	306	221	280	0	320	239	285	0	310	245	0	0	0	0	0	0
2300	42	0	50	0	63	0	71	0	0	0	0	0	242	0	260	214	240	0	259	209	242	0	247	219	247	0	253	238	0	0	0	0	0	0
2400	25	0	43	0	42	0	52	0	0	0	0	0	204	0	258	182	203	0	245	178	234	0	241	221	241	0	246	228	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	322	0	315	0	310	0	305	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
200	324	0	324	0	317	0	312	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	132	6
300	333	0	331	0	327	0	324	0	320	2	320	2	-7	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
400	338	0	336	0	334	0	329	0	320	2	320	2	-5	0	-7	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	6
500	340	0	340	0	342	0	336	0	320	2	320	2	2	0	-4	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
600	342	0	340	0	342	0	338	0	320	2	320	2	2	0	-4	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	343	0	343	0	343	0	338	0	320	2	320	2	-2	0	-4	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
800	345	0	343	0	345	0	342	0	320	2	320	2	-2	0	-4	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
900	351	0	349	0	351	0	345	0	320	2	320	2	-2	0	-4	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	361	0	361	0	358	0	352	0	320	2	320	2	-5	0	-7	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1100	367	0	365	0	365	0	358	0	320	2	320	2	-4	0	-7	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1200	378	0	378	0	367	0	360	0	320	2	320	2	-14	0	-18	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1300	376	0	376	0	365	0	360	0	320	2	320	2	-14	0	-18	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1400	379	0	378	0	365	0	360	0	320	2	320	2	-16	0	-20	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1500	376	0	376	0	361	0	356	0	320	2	320	2	-16	0	-20	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1600	376	0	374	0	367	0	361	0	320	2	320	2	-9	0	-13	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	367	0	365	0	365	0	361	0	320	2	320	2	-2	0	-5	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1800	351	0	349	0	354	0	351	0	320	2	320	2	2	0	0	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	351	0	351	0	352	0	349	0	320	2	320	2	2	0	-2	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2000	351	0	351	0	352	0	351	0	320	2	320	2	0	0	2	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2100	354	0	354	0	356	0	352	0	320	2	320	2	0	0	2	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2200	338	0	338	0	349	0	345	0	320	2	320	2	9	0	5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
2300	322	0	315	0	343	0	340	0	320	2	320	2	23	0	23	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2400	306	0	305	0	345	0	342	0	320	2	320	2	36	0	36	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0

SI[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 180A	S	WIND SPD4 180B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX		S	MIN	MAX	WIND DIR3 180A	S	MIN	MAX	WIND DIR4 180B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	37	0	47	0	65	0	75	0	0	0	0	0	228	0	253	201	225	0	257	194	230	0	236	224	236	0	241	230	0	0	0	0	0	0
200	44	0	63	0	79	0	79	0	0	0	0	0	202	0	225	183	201	0	227	179	222	0	236	213	230	0	242	223	0	0	0	0	0	0
300	59	0	62	0	103	0	101	0	0	0	0	0	235	0	257	208	233	0	251	214	223	0	230	211	230	0	239	217	0	0	0	0	0	0
400	50	0	68	0	91	0	99	0	0	0	0	0	182	0	206	160	181	0	206	149	214	0	224	199	221	0	232	210	0	0	0	0	0	0
500	57	0	71	0	96	0	96	0	0	0	0	0	156	0	181	131	159	0	179	142	197	0	208	185	203	0	213	190	0	0	0	0	0	0
600	68	0	82	0	109	0	113	0	0	0	0	0	163	0	186	135	165	0	186	136	204	0	210	196	210	0	219	200	0	0	0	0	0	0
700	58	0	75	0	141	0	129	0	0	0	0	0	147	0	177	124	151	0	179	127	178	0	182	174	185	0	194	180	0	0	0	0	0	0
800	58	0	80	0	166	0	177	0	0	0	0	0	150	0	184	120	152	0	185	123	162	0	175	147	172	0	183	159	0	0	0	0	0	0
900	79	0	93	0	167	0	176	0	0	0	0	0	143	0	185	108	147	0	188	122	150	0	169	125	160	0	174	137	0	0	0	0	0	0
1000	79	0	102	0	147	0	160	0	0	0	0	0	144	0	173	74	149	0	181	111	147	0	168	122	157	0	177	119	0	0	0	0	0	0
1100	45	0	64	0	115	0	121	0	0	0	0	0	167	0	254	92	171	0	238	91	161	0	202	125	169	0	201	131	0	0	0	0	0	0
1200	36	0	49	0	81	0	86	0	0	0	0	0	206	0	265	122	207	0	269	121	180	0	210	149	187	0	239	137	0	0	0	0	0	0
1300	33	0	60	0	99	0	100	0	0	0	0	0	203	0	264	121	197	0	257	113	180	0	219	138	188	0	229	151	0	0	0	0	0	0
1400	38	0	65	0	113	0	110	0	0	0	0	0	197	0	259	111	198	0	267	91	179	0	210	132	187	0	217	159	0	0	0	0	0	0
1500	36	0	65	0	103	0	99	0	0	0	0	0	199	0	256	122	198	0	258	103	178	0	213	121	186	0	222	154	0	0	0	0	0	0
1600	53	0	64	0	129	0	124	0	0	0	0	0	182	0	265	116	177	0	243	91	172	0	205	141	181	0	214	144	0	0	0	0	0	0
1700	62	0	81	0	135	0	139	0	0	0	0	0	184	0	261	118	186	0	261	106	169	0	198	129	179	0	224	132	0	0	0	0	0	0
1800	62	0	78	0	151	0	143	0	0	0	0	0	192	0	249	106	188	0	260	127	176	0	195	155	184	0	216	158	0	0	0	0	0	0
1900	59	0	72	0	141	0	138	0	0	0	0	0	176	0	254	101	178	0	256	112	170	0	196	144	179	0	205	154	0	0	0	0	0	0
2000	83	0	100	0	177	0	168	0	0	0	0	0	187	0	263	123	187	0	242	119	173	0	200	149	181	0	218	156	0	0	0	0	0	0
2100	74	0	88	0	167	0	155	0	0	0	0	0	190	0	265	117	189	0	240	119	179	0	198	156	186	0	212	165	0	0	0	0	0	0
2200	84	0	86	0	140	0	134	0	0	0	0	0	219	0	269	153	216	0	255	149	199	0	225	170	205	0	229	178	0	0	0	0	0	0
2300	98	0	99	0	160	0	156	0	0	0	0	0	227	0	281	191	223	0	287	181	207	0	233	179	214	0	239	184	0	0	0	0	0	0
2400	117	0	111	0	197	0	189	0	0	0	0	0	231	0	267	170	232	0	263	178	213	0	231	182	220	0	240	180	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	306	0	305	0	352	0	349	0	320	2	320	2	45	0	43	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
200	267	0	265	0	324	0	322	0	320	2	320	2	54	0	52	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
300	276	0	274	0	296	0	290	0	320	2	320	2	18	0	16	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
400	269	0	269	0	361	0	356	0	320	2	320	2	90	0	88	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
500	233	0	233	0	369	0	363	0	320	2	320	2	131	0	128	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
600	218	0	216	0	367	0	361	0	320	2	320	2	146	0	142	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	200	0	200	0	361	0	356	0	320	2	320	2	158	0	155	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
800	211	0	211	0	265	0	260	0	320	2	320	2	50	0	49	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
900	229	0	227	0	238	0	233	0	320	2	320	2	7	0	7	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	267	0	265	0	260	0	254	0	320	2	320	2	-9	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1100	301	0	299	0	288	0	283	0	320	2	320	2	-14	0	-16	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1200	367	0	365	0	343	0	338	0	320	2	320	2	-25	0	-27	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1300	394	0	394	0	370	0	365	0	320	2	320	2	-27	0	-31	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1400	406	0	406	0	378	0	372	0	320	2	320	2	-31	0	-34	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1500	390	0	390	0	374	0	369	0	320	2	320	2	-20	0	-23	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1600	396	0	396	0	378	0	372	0	320	2	320	2	-22	0	-23	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	392	0	390	0	378	0	372	0	320	2	320	2	-16	0	-18	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1800	369	0	367	0	374	0	369	0	320	2	320	2	4	0	0	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	374	0	372	0	381	0	378	0	320	2	320	2	7	0	5	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2000	378	0	376	0	383	0	378	0	320	2	320	2	4	0	2	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2100	376	0	374	0	379	0	376	0	320	2	320	2	4	0	2	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2200	387	0	385	0	390	0	387	0	320	2	320	2	2	0	0	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2300	403	0	401	0	406	0	403	0	320	2	320	2	2	0	0	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2400	412	0	410	0	414	0	410	0	320	2	320	2	2	0	0	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	122	0	115	0	204	0	189	0	0	0	0	0	239	0	286	204	236	0	275	196	221	0	244	205	227	0	250	211	0	0	0	0	0	0
200	128	0	119	0	226	0	205	0	0	0	0	0	243	0	285	200	241	0	276	208	224	0	246	201	229	0	249	211	0	0	0	0	0	0
300	145	0	136	0	216	0	202	0	0	0	0	0	238	0	287	190	236	0	316	203	220	0	238	185	225	0	249	192	0	0	0	0	0	0
400	124	0	117	0	205	0	187	0	0	0	0	0	240	0	296	203	235	0	279	194	219	0	242	200	226	0	240	203	0	0	0	0	0	0
500	56	0	67	0	125	0	125	0	0	0	0	0	203	0	238	152	201	0	238	119	203	0	225	179	210	0	229	188	0	0	0	0	0	0
600	107	0	103	0	175	0	169	0	0	0	0	0	234	0	265	205	233	0	274	204	215	0	230	197	221	0	234	199	0	0	0	0	0	0
700	92	0	91	0	147	0	136	0	0	0	0	0	236	0	273	192	234	0	265	196	217	0	235	190	223	0	239	202	0	0	0	0	0	0
800	36	0	50	0	97	0	95	0	0	0	0	0	195	0	265	143	197	0	259	122	196	0	237	168	204	0	234	182	0	0	0	0	0	0
900	38	0	55	0	105	0	103	0	0	0	0	0	196	0	252	141	195	0	252	152	199	0	213	181	205	0	231	189	0	0	0	0	0	0
1000	64	0	69	0	102	0	102	0	0	0	0	0	231	0	287	185	228	0	267	163	205	0	248	170	213	0	244	158	0	0	0	0	0	0
1100	88	0	91	0	150	0	145	0	0	0	0	0	237	0	280	200	237	0	290	183	212	0	249	184	219	0	240	197	0	0	0	0	0	0
1200	85	0	83	0	122	0	116	0	0	0	0	0	237	0	279	191	236	0	285	189	210	0	257	179	218	0	258	188	0	0	0	0	0	0
1300	58	0	64	0	104	0	108	0	0	0	0	0	231	0	296	185	228	0	268	175	206	0	231	141	213	0	249	153	0	0	0	0	0	0
1400	27	0	40	0	65	0	70	0	0	0	0	0	189	0	248	134	185	0	261	111	179	0	218	141	187	0	221	165	0	0	0	0	0	0
1500	40	0	52	0	89	0	92	0	0	0	0	0	204	0	253	129	204	0	259	127	184	0	209	151	189	0	221	158	0	0	0	0	0	0
1600	60	0	67	0	109	0	109	0	0	0	0	0	211	0	265	112	213	0	262	158	192	0	211	153	200	0	227	151	0	0	0	0	0	0
1700	74	0	78	0	116	0	117	0	0	0	0	0	231	0	282	190	233	0	290	194	210	0	241	179	217	0	247	185	0	0	0	0	0	0
1800	51	0	63	0	105	0	105	0	0	0	0	0	212	0	264	137	210	0	262	114	191	0	221	164	199	0	221	174	0	0	0	0	0	0
1900	57	0	65	0	102	0	101	0	0	0	0	0	231	0	278	196	229	0	277	183	205	0	240	165	211	0	240	163	0	0	0	0	0	0
2000	48	0	57	0	104	0	102	0	0	0	0	0	201	0	255	105	205	0	255	135	186	0	231	162	195	0	216	167	0	0	0	0	0	0
2100	63	0	68	0	110	0	111	0	0	0	0	0	230	0	273	189	228	0	269	191	205	0	232	171	213	0	239	186	0	0	0	0	0	0
2200	137	0	134	0	203	0	208	0	0	0	0	0	251	0	286	217	247	0	274	214	235	0	244	226	241	0	253	235	0	0	0	0	0	0
2300	99	0	101	0	171	0	171	0	0	0	0	0	247	0	284	214	244	0	269	213	230	0	236	221	236	0	245	226	0	0	0	0	0	0
2400	89	0	94	0	168	0	167	0	0	0	0	0	243	0	274	203	242	0	278	214	229	0	252	214	235	0	247	221	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	412	0	410	0	419	0	414	0	320	2	320	2	7	0	5	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
200	415	0	414	0	423	0	417	0	320	2	320	2	5	0	4	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
300	428	0	426	0	433	0	430	0	320	2	320	2	4	0	2	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
400	430	0	428	0	435	0	430	0	320	2	320	2	2	0	0	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
500	397	0	396	0	414	0	410	0	320	2	320	2	14	0	13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
600	406	0	405	0	415	0	412	0	320	2	320	2	7	0	7	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	408	0	406	0	414	0	408	0	320	2	320	2	4	0	2	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
800	406	0	406	0	412	0	406	0	320	2	320	2	4	0	2	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
900	379	0	378	0	403	0	397	0	320	2	320	2	22	0	20	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	423	0	423	0	414	0	408	0	320	2	320	2	-11	0	-14	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
1100	439	0	437	0	430	0	424	0	320	2	320	2	-11	0	-14	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1200	457	0	459	0	444	0	437	0	320	2	320	2	-16	0	-18	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1300	464	0	464	0	455	0	451	0	320	2	320	2	-11	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1400	426	0	426	0	423	0	417	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1500	414	0	412	0	408	0	403	0	320	2	320	2	-9	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1600	392	0	390	0	390	0	387	0	320	2	320	2	-4	0	-5	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	133	0
1700	390	0	390	0	388	0	383	0	320	2	320	2	-5	0	-5	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1800	385	0	383	0	381	0	376	0	320	2	320	2	-5	0	-7	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1900	385	0	383	0	379	0	374	0	320	2	320	2	-5	0	-7	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	134	6
2000	381	0	381	0	379	0	376	0	320	2	320	2	-5	0	-7	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2100	379	0	378	0	376	0	372	0	320	2	320	2	-5	0	-7	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2200	369	0	367	0	369	0	363	0	320	2	320	2	-2	0	-5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2300	363	0	361	0	367	0	363	0	320	2	320	2	4	0	0	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2400	365	0	365	0	376	0	370	0	320	2	320	2	9	0	7	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0

SI[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

PE[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]Y

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	123	0	117	0	188	0	198	0	0	0	0	0	247	0	283	214	245	0	282	217	233	0	255	221	239	0	256	221	0	0	0	0	0	0
200	105	0	106	0	175	0	155	0	0	0	0	0	248	0	277	214	245	0	268	214	238	0	242	234	244	0	250	236	0	0	0	0	0	0
300	77	0	84	0	138	0	140	0	0	0	0	0	251	0	297	216	250	0	291	223	244	0	249	227	250	0	263	245	0	0	0	0	0	0
400	100	0	111	0	133	0	153	0	0	0	0	0	298	0	324	274	294	0	327	262	287	0	297	260	290	0	300	269	0	0	0	0	0	0
500	109	0	124	0	156	0	166	0	0	0	0	0	312	0	334	286	307	0	328	275	305	0	314	300	308	0	317	303	0	0	0	0	0	0
600	100	0	122	0	174	0	188	0	0	0	0	0	343	0	21	304	341	0	23	303	333	0	348	323	337	0	350	323	0	0	0	0	0	0
700	105	0	114	0	181	0	188	0	0	0	0	0	353	0	70	298	346	0	42	298	339	0	15	313	344	0	11	318	0	0	0	0	0	0
800	79	0	97	0	146	0	156	0	0	0	0	0	0	0	72	298	359	0	61	293	341	0	11	300	345	0	8	292	0	0	0	0	0	0
900	78	0	95	0	142	0	157	0	0	0	0	0	357	0	90	278	356	0	113	286	342	0	12	292	349	0	31	304	0	0	0	0	0	0
1000	79	0	85	0	144	0	145	0	0	0	0	0	359	0	67	298	4	0	67	302	343	0	13	299	349	0	39	306	0	0	0	0	0	0
1100	108	0	115	0	176	0	178	0	0	0	0	0	347	0	39	285	343	0	67	297	334	0	21	293	340	0	37	305	0	0	0	0	0	0
1200	60	0	78	0	126	0	133	0	0	0	0	0	17	0	72	299	13	0	61	296	347	0	22	301	352	0	27	317	0	0	0	0	0	0
1300	83	0	98	0	123	0	134	0	0	0	0	0	25	0	53	338	24	0	65	325	357	0	32	321	3	0	36	327	0	0	0	0	0	0
1400	52	0	70	0	91	0	100	0	0	0	0	0	22	0	78	330	17	0	61	324	355	0	19	313	1	0	37	315	0	0	0	0	0	0
1500	102	0	118	0	136	0	146	0	0	0	0	0	29	0	62	298	29	0	69	343	2	0	30	334	7	0	53	318	0	0	0	0	0	0
1600	106	0	123	0	145	0	156	0	0	0	0	0	34	0	71	356	33	0	69	5	8	0	44	342	14	0	44	349	0	0	0	0	0	0
1700	107	0	120	0	150	0	161	0	0	0	0	0	28	0	71	335	27	0	87	337	5	0	36	341	11	0	45	339	0	0	0	0	0	0
1800	132	0	145	0	166	0	176	0	0	0	0	0	34	0	58	349	34	0	58	4	10	0	31	340	17	0	39	351	0	0	0	0	0	0
1900	117	0	130	0	153	0	163	0	0	0	0	0	27	0	68	348	27	0	68	341	0	0	33	331	6	0	41	339	0	0	0	0	0	0
2000	100	0	111	0	151	0	163	0	0	0	0	0	24	0	73	346	23	0	58	332	355	0	22	331	0	0	44	320	0	0	0	0	0	0
2100	96	0	110	0	140	0	151	0	0	0	0	0	23	0	61	348	18	0	47	333	354	0	22	319	0	0	26	311	0	0	0	0	0	0
2200	73	0	92	0	109	0	119	0	0	0	0	0	29	0	67	341	28	0	66	342	357	0	30	308	3	0	39	313	0	0	0	0	0	0
2300	70	0	89	0	103	0	119	0	0	0	0	0	25	0	79	297	23	0	90	293	9	0	42	316	16	0	69	316	0	0	0	0	0	0
2400	59	0	79	0	79	0	93	0	0	0	0	0	75	0	100	51	77	0	107	45	58	0	84	42	68	0	93	52	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	361	0	360	0	365	0	360	0	320	2	320	2	2	0	0	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
200	356	0	356	0	365	0	361	0	320	2	320	2	7	0	4	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
300	358	0	358	0	367	0	363	0	320	2	320	2	7	0	5	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
400	363	0	363	0	365	0	360	0	320	2	320	2	-2	0	-4	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
500	358	0	358	0	356	0	351	0	320	2	320	2	-4	0	-7	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
600	363	0	363	0	360	0	356	0	320	2	320	2	-5	0	-7	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
700	361	0	360	0	358	0	352	0	320	2	320	2	-5	0	-7	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
800	356	0	354	0	352	0	347	0	320	2	320	2	-5	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	134	6
900	352	0	352	0	349	0	343	0	320	2	320	2	-7	0	-9	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1000	352	0	358	0	347	0	347	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1100	349	0	349	0	342	0	336	0	320	2	320	2	-7	0	-11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1200	342	0	342	0	334	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1300	342	0	342	0	336	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1400	329	0	329	0	322	0	315	0	320	2	320	2	-11	0	-13	0	0	2	0	2	397	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1500	331	0	329	0	325	0	320	0	320	2	320	2	-9	0	-11	0	0	2	0	2	405	2	0	2	0	2	0	2	0	2	0	2	0	2	134	6
1600	322	0	322	0	314	0	310	0	320	2	320	2	-9	0	-11	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1700	314	0	314	0	308	0	303	0	320	2	320	2	-9	0	-11	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1800	308	0	308	0	303	0	297	0	320	2	320	2	-9	0	-11	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1900	305	0	303	0	297	0	292	0	320	2	320	2	-9	0	-11	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2000	297	0	297	0	290	0	287	0	320	2	320	2	-9	0	-11	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2100	292	0	290	0	285	0	281	0	320	2	320	2	-9	0	-11	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2200	285	0	283	0	279	0	274	0	320	2	320	2	-9	0	-11	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2300	281	0	279	0	274	0	270	0	320	2	320	2	-9	0	-11	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2400	260	0	260	0	252	0	247	0	320	2	320	2	-9	0	-11	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	50	0	73	0	66	0	86	0	0	0	0	0	73	0	123	34	72	0	114	51	51	0	84	32	62	0	86	46	0	0	0	0	0	0
200	60	0	81	0	72	0	94	0	0	0	0	0	70	0	105	46	73	0	107	42	49	0	64	32	60	0	76	44	0	0	0	0	0	0
300	60	0	87	0	80	0	105	0	0	0	0	0	67	0	98	34	69	0	95	39	48	0	68	26	58	0	78	45	0	0	0	0	0	0
400	92	0	110	0	108	0	119	0	0	0	0	0	80	0	102	53	82	0	110	65	61	0	79	44	71	0	89	48	0	0	0	0	0	0
500	71	0	89	0	96	0	108	0	0	0	0	0	90	0	121	57	91	0	118	60	68	0	90	45	78	0	96	53	0	0	0	0	0	0
600	70	0	86	0	87	0	98	0	0	0	0	0	88	0	119	60	91	0	129	56	70	0	94	52	80	0	99	60	0	0	0	0	0	0
700	64	0	81	0	83	0	94	0	0	0	0	0	85	0	131	55	86	0	130	56	67	0	93	45	77	0	104	52	0	0	0	0	0	0
800	65	0	77	0	90	0	100	0	0	0	0	0	100	0	130	66	100	0	135	74	81	0	112	64	92	0	119	66	0	0	0	0	0	0
900	72	0	86	0	101	0	111	0	0	0	0	0	98	0	141	72	100	0	133	69	80	0	102	60	90	0	111	63	0	0	0	0	0	0
1000	83	0	97	0	96	0	108	0	0	0	0	0	115	0	138	86	118	0	147	89	94	0	122	54	105	0	138	76	0	0	0	0	0	0
1100	82	0	97	0	98	0	99	0	0	0	0	0	108	0	139	59	111	0	147	70	85	0	112	60	95	0	124	48	0	0	0	0	0	0
1200	79	0	96	0	94	0	107	0	0	0	0	0	81	0	117	32	84	0	128	56	64	0	117	36	73	0	138	22	0	0	0	0	0	0
1300	61	0	79	0	75	0	91	0	0	0	0	0	69	0	174	16	68	0	134	17	49	0	91	7	57	0	97	14	0	0	0	0	0	0
1400	62	0	81	0	71	0	89	0	0	0	0	0	62	0	96	31	64	0	109	18	47	0	70	4	56	0	84	358	0	0	0	0	0	0
1500	57	0	80	0	63	0	79	0	0	0	0	0	51	0	86	350	51	0	90	337	40	0	75	350	50	0	103	356	0	0	0	0	0	0
1600	31	0	54	0	47	0	67	0	0	0	0	0	65	0	107	33	68	0	100	32	51	0	87	14	62	0	106	1	0	0	0	0	0	0
1700	51	0	71	0	71	0	87	0	0	0	0	0	47	0	90	7	46	0	101	11	19	0	67	348	27	0	68	3	0	0	0	0	0	0
1800	58	0	80	0	80	0	99	0	0	0	0	0	49	0	85	26	50	0	81	13	24	0	44	7	34	0	69	10	0	0	0	0	0	0
1900	29	0	51	0	55	0	72	0	0	0	0	0	78	3	126	49	79	0	122	53	52	0	64	39	63	0	75	49	0	0	0	0	0	0
2000	40	0	58	0	75	0	89	0	0	0	0	0	80	0	113	61	82	0	107	62	55	0	64	45	66	0	76	52	0	0	0	0	0	0
2100	64	0	83	0	89	0	110	0	0	0	0	0	77	0	108	47	77	0	112	45	53	0	78	33	64	0	81	43	0	0	0	0	0	0
2200	47	0	68	0	74	0	89	0	0	0	0	0	75	0	108	50	79	0	107	49	55	0	67	41	66	0	83	48	0	0	0	0	0	0
2300	42	0	61	0	71	0	83	0	0	0	0	0	88	0	118	54	89	0	118	60	65	0	87	48	77	0	99	59	0	0	0	0	0	0
2400	41	0	58	0	61	0	74	0	0	0	0	0	96	0	129	71	96	0	118	76	76	0	84	62	86	0	95	75	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	251	0	249	0	243	0	238	0	320	2	320	2	-9	0	-11	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
200	243	0	243	0	238	0	233	0	320	2	320	2	-9	0	-11	0	0	2	0	2	281	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
300	240	0	240	0	233	0	231	0	320	2	320	2	-9	0	-11	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
400	231	0	231	0	225	0	220	0	320	2	320	2	-9	0	-11	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
500	224	0	222	0	216	0	213	0	320	2	320	2	-9	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
600	220	0	220	0	213	0	209	0	320	2	320	2	-9	0	-11	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
700	218	0	218	0	211	0	207	0	320	2	320	2	-9	0	-11	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
800	215	0	213	0	207	0	204	0	320	2	320	2	-9	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
900	209	0	209	0	204	0	200	0	320	2	320	2	-7	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	134	6
1000	220	0	220	0	211	0	206	0	320	2	320	2	-11	0	-13	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1100	229	0	227	0	222	0	216	0	320	2	320	2	-9	0	-11	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1200	247	0	243	0	236	0	231	0	320	2	320	2	-14	0	-14	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1300	258	0	256	0	249	0	242	0	320	2	320	2	-13	0	-13	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1400	261	0	260	0	256	0	249	0	320	2	320	2	-7	0	-9	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1500	274	0	270	0	265	0	258	0	320	2	320	2	-13	0	-13	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1600	269	0	267	0	260	0	254	0	320	2	320	2	-11	0	-13	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	135	6
1700	263	0	260	0	254	0	249	0	320	2	320	2	-11	0	-11	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1800	245	0	243	0	238	0	233	0	320	2	320	2	-9	0	-13	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1900	231	0	234	0	234	0	229	0	320	2	320	2	0	0	-5	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	135	6
2000	224	0	225	0	225	0	222	0	320	2	320	2	0	0	-4	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2100	220	0	220	0	216	0	213	0	320	2	320	2	-7	0	-9	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2200	209	0	209	0	206	0	202	0	320	2	320	2	-5	0	-9	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2300	206	0	206	0	202	0	197	0	320	2	320	2	-5	0	-9	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2400	206	0	206	0	202	0	197	0	320	2	320	2	-5	0	-9	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0

SI[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	60	0	77	0	82	0	94	0	0	0	0	0	90	0	114	71	92	0	113	70	72	0	84	58	83	0	101	65	0	0	0	0	0	0
200	60	0	75	0	96	0	107	0	0	0	0	0	106	0	142	75	106	0	138	79	85	0	97	76	96	0	114	81	0	0	0	0	0	0
300	59	0	73	0	96	0	106	0	0	0	0	0	107	0	130	75	110	0	149	83	90	0	101	80	101	0	111	88	0	0	0	0	0	0
400	53	0	68	0	74	0	86	0	0	0	0	0	106	0	137	71	107	0	138	77	86	0	111	70	98	0	122	81	0	0	0	0	0	0
500	33	0	49	0	57	0	69	0	0	0	0	0	105	0	142	77	108	0	145	67	88	0	109	69	98	0	118	76	0	0	0	0	0	0
600	40	0	57	0	57	0	71	0	0	0	0	0	117	0	146	91	120	0	144	87	101	0	127	70	112	0	135	78	0	0	0	0	0	0
700	32	0	49	0	53	0	66	0	0	0	0	0	100	0	125	65	100	0	127	68	82	0	101	65	93	0	109	75	0	0	0	0	0	0
800	66	0	81	0	90	0	103	0	0	0	0	0	109	0	147	76	111	0	136	72	88	0	109	69	99	0	117	81	0	0	0	0	0	0
900	97	0	111	0	119	0	132	0	0	0	0	0	119	0	135	77	122	0	154	88	101	0	121	85	112	0	129	95	0	0	0	0	0	0
1000	101	0	117	0	118	0	126	0	0	0	0	0	121	0	143	78	125	0	152	87	103	0	123	84	115	0	136	95	0	0	0	0	0	0
1100	88	0	106	0	115	0	134	0	0	0	0	0	123	0	155	99	126	0	150	93	111	0	134	76	121	0	146	93	0	0	0	0	0	0
1200	70	0	93	0	124	0	135	0	0	0	0	0	143	0	174	107	143	0	177	107	129	0	158	108	141	0	165	118	0	0	0	0	0	0
1300	63	0	85	0	99	0	115	0	0	0	0	0	137	0	173	98	139	0	181	98	127	0	158	97	139	0	171	103	0	0	0	0	0	0
1400	62	0	83	0	80	0	97	0	0	0	0	0	126	0	153	95	129	0	155	105	108	0	128	77	121	0	144	87	0	0	0	0	0	0
1500	69	0	87	0	85	0	100	0	0	0	0	0	116	0	140	73	120	0	152	77	101	0	127	69	114	0	135	84	0	0	0	0	0	0
1600	42	0	64	0	65	0	82	0	0	0	0	0	134	0	188	104	135	0	180	101	120	0	135	104	132	0	147	109	0	0	0	0	0	0
1700	50	0	74	0	76	0	94	0	0	0	0	0	129	0	169	102	132	0	159	106	115	0	132	86	128	0	145	94	0	0	0	0	0	0
1800	71	0	93	0	98	0	117	0	0	0	0	0	126	0	149	104	130	0	148	105	114	0	134	95	125	0	137	108	0	0	0	0	0	0
1900	33	0	55	0	50	0	65	0	0	0	0	0	127	0	163	91	130	0	159	105	117	0	142	96	128	0	150	98	0	0	0	0	0	0
2000	14	0	31	0	21	0	36	0	0	0	0	0	118	0	146	82	121	0	147	94	105	0	118	79	115	0	132	91	0	0	0	0	0	0
2100	9	0	28	0	24	0	39	0	0	0	0	0	126	0	159	111	128	0	146	107	117	0	143	96	129	0	151	105	0	0	0	0	0	0
2200	7	0	26	0	18	0	34	0	0	0	0	0	120	0	141	96	123	0	159	100	111	0	128	97	121	0	133	110	0	0	0	0	0	0
2300	0	4	0	4	50	2	15	0	0	0	0	0	118	0	139	84	114	0	143	66	136	0	158	112	148	0	166	125	0	0	0	0	0	0
2400	14	0	14	0	0	4	19	0	0	0	0	0	125	5	149	104	128	5	148	112	137	5	157	112	149	5	166	121	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	211	0	209	0	206	0	200	0	320	2	320	2	-7	0	-9	0	0	2	0	2	265	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
200	206	0	206	0	204	0	200	0	320	2	320	2	-4	0	-7	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
300	204	0	204	0	204	0	200	0	320	2	320	2	-2	0	-5	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
400	213	0	211	0	207	0	202	0	320	2	320	2	-7	0	-11	0	0	2	0	2	265	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
500	218	0	218	0	215	0	209	0	320	2	320	2	-7	0	-9	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
600	222	0	222	0	218	0	213	0	320	2	320	2	-7	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
700	222	0	220	0	215	0	211	0	320	2	320	2	-7	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
800	222	0	220	0	215	0	211	0	320	2	320	2	-7	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
900	220	0	220	0	215	0	209	0	320	2	320	2	-9	0	-11	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1000	229	0	229	0	222	0	218	0	320	2	320	2	-9	0	-13	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1100	238	0	236	0	231	0	225	0	320	2	320	2	-11	0	-13	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1200	252	0	251	0	242	0	236	0	320	2	320	2	-13	0	-14	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1300	260	0	258	0	249	0	243	0	320	2	320	2	-11	0	-14	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1400	265	0	263	0	256	0	251	0	320	2	320	2	-11	0	-13	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1500	272	0	270	0	265	0	260	0	320	2	320	2	-11	0	-13	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1600	276	0	274	0	269	0	265	0	320	2	320	2	-9	0	-11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1700	274	0	274	0	269	0	263	0	320	2	320	2	-9	0	-11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1800	272	0	270	0	267	0	261	0	320	2	320	2	-7	0	-11	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
1900	270	0	269	0	263	0	260	0	320	2	320	2	-7	0	-11	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2000	252	0	252	0	247	0	242	0	320	2	320	2	-7	0	-11	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2100	251	0	249	0	245	0	242	0	320	2	320	2	-7	0	-9	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2200	251	0	249	0	245	0	242	0	320	2	320	2	-5	0	-9	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2300	249	0	249	0	245	0	242	0	320	2	320	2	-5	0	-7	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
2400	249	0	249	0	247	0	242	0	320	2	320	2	-5	0	-7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	18	0	18	0	18	0	28	0	0	0	0	0	140	0	165	122	144	0	169	133	171	0	186	154	180	0	190	162	0	0	0	0	0	0
200	19	0	19	0	32	0	41	0	0	0	0	0	159	0	221	115	164	3	217	124	178	0	193	164	186	0	196	170	0	0	0	0	0	0
300	20	0	36	0	55	0	65	0	0	0	0	0	211	0	242	173	211	0	235	178	207	0	221	195	215	0	227	198	0	0	0	0	0	0
400	104	0	123	0	153	0	161	0	0	0	0	0	308	0	331	275	303	0	340	278	298	0	307	287	301	0	310	290	0	0	0	0	0	0
500	98	0	120	0	140	0	149	0	0	0	0	0	307	0	328	268	303	0	322	264	297	0	305	286	300	0	315	290	0	0	0	0	0	0
600	109	0	127	0	162	0	177	0	0	0	0	0	314	0	342	275	308	0	338	279	307	0	316	300	310	0	321	301	0	0	0	0	0	0
700	145	0	169	0	202	0	221	0	0	0	0	0	338	0	7	290	333	0	5	298	322	0	346	278	325	0	359	262	0	0	0	0	0	0
800	141	0	156	0	197	0	212	0	0	0	0	0	344	0	5	319	340	0	9	314	329	0	340	312	334	0	353	320	0	0	0	0	0	0
900	111	0	131	0	163	0	181	0	0	0	0	0	339	0	12	286	333	0	1	271	325	0	347	301	328	0	346	307	0	0	0	0	0	0
1000	91	0	110	0	142	0	158	0	0	0	0	0	343	0	37	303	339	0	22	303	330	0	350	314	333	0	3	313	0	0	0	0	0	0
1100	47	0	63	0	89	0	103	0	0	0	0	0	5	0	55	310	2	0	78	304	345	0	14	296	349	0	33	301	0	0	0	0	0	0
1200	90	0	107	0	119	0	135	0	0	0	0	0	345	0	31	301	339	0	9	302	332	0	0	315	336	0	15	318	0	0	0	0	0	0
1300	68	0	91	0	104	0	122	0	0	0	0	0	338	0	14	292	334	0	14	283	326	0	352	298	330	0	353	301	0	0	0	0	0	0
1400	60	0	77	0	97	0	109	0	0	0	0	0	355	0	55	297	352	0	61	309	337	0	20	298	342	0	24	294	0	0	0	0	0	0
1500	35	0	53	0	65	0	78	0	0	0	0	0	19	0	67	325	16	0	72	310	351	0	25	320	356	0	43	315	0	0	0	0	0	0
1600	31	0	48	0	50	0	64	0	0	0	0	0	13	0	62	318	8	0	64	288	356	0	45	292	3	0	39	327	0	0	0	0	0	0
1700	52	0	68	0	70	0	81	0	0	0	0	0	31	0	79	330	31	0	83	354	8	0	48	314	15	0	50	321	0	0	0	0	0	0
1800	33	0	50	0	49	0	62	0	0	0	0	0	30	0	82	318	26	0	79	306	7	0	53	323	13	0	50	322	0	0	0	0	0	0
1900	28	0	48	0	44	0	59	0	0	0	0	0	32	3	79	2	30	0	78	348	14	0	53	342	22	0	65	354	0	0	0	0	0	0
2000	20	0	38	0	38	0	49	0	0	0	0	0	92	3	125	74	95	0	128	70	67	0	94	46	77	0	101	61	0	0	0	0	0	0
2100	55	0	71	0	70	0	83	0	0	0	0	0	83	0	111	62	85	0	121	59	60	0	108	35	70	0	105	47	0	0	0	0	0	0
2200	40	0	57	0	68	0	79	0	0	0	0	0	87	0	120	59	88	0	115	68	68	0	79	56	78	0	97	66	0	0	0	0	0	0
2300	58	0	74	0	108	0	120	0	0	0	0	0	101	0	128	81	102	0	127	77	79	0	87	70	90	0	95	81	0	0	0	0	0	0
2400	79	0	93	0	142	0	151	0	0	0	0	0	92	0	120	73	93	0	126	75	70	0	78	59	80	0	90	71	0	0	0	0	0	0

HOUR	AMB. TEM1. 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	249	0	247	0	247	0	242	0	320	2	320	2	-2	0	-5	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
200	247	0	245	0	249	0	243	0	320	2	320	2	2	0	-4	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
300	251	0	249	0	254	0	249	0	320	2	320	2	2	0	0	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
400	278	0	278	0	270	0	267	0	320	2	320	2	-9	0	-11	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	135	6
500	285	0	285	0	272	0	269	0	320	2	320	2	-14	0	-16	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
600	288	0	288	0	281	0	279	0	320	2	320	2	-9	0	-11	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	135	0
700	285	0	285	0	278	0	272	0	320	2	320	2	-11	0	-14	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
800	292	0	290	0	285	0	281	0	320	2	320	2	-9	0	-11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
900	288	0	287	0	281	0	279	0	320	2	320	2	-7	0	-11	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1000	281	0	281	0	276	0	272	0	320	2	320	2	-7	0	-11	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1100	281	0	279	0	274	0	270	0	320	2	320	2	-9	0	-11	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	138	0
1200	276	0	274	0	269	0	263	0	320	2	320	2	-9	0	-11	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	141	0
1300	272	0	272	0	265	0	260	0	320	2	320	2	-9	0	-13	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	144	0
1400	270	0	269	0	261	0	258	0	320	2	320	2	-9	0	-11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1500	267	0	267	0	260	0	254	0	320	2	320	2	-9	0	-11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	149	0
1600	263	0	261	0	256	0	251	0	320	2	320	2	-9	0	-11	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	151	0
1700	258	0	256	0	251	0	245	0	320	2	320	2	-7	0	-11	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1800	254	0	252	0	249	0	243	0	320	2	320	2	-7	0	-9	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1900	251	0	249	0	243	0	240	0	320	2	320	2	-9	0	-11	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
2000	243	0	243	0	242	0	236	0	320	2	320	2	-5	0	-7	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
2100	243	0	243	0	240	0	236	0	320	2	320	2	-5	0	-7	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
2200	227	0	227	0	227	0	222	0	320	2	320	2	-2	0	-5	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
2300	204	0	202	0	211	0	206	0	320	2	320	2	5	0	4	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
2400	186	0	186	0	200	0	197	0	320	2	320	2	14	0	11	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0

S[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

PA[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	86	0	101	0	152	0	153	0	0	0	0	0	78	0	101	58	80	0	99	59	57	0	67	45	68	0	79	59	0	0	0	0	0	0
200	98	0	112	0	145	0	153	0	0	0	0	0	81	0	118	60	82	0	103	56	59	0	75	49	70	0	84	60	0	0	0	0	0	0
300	85	0	103	0	123	0	132	0	0	0	0	0	86	0	118	55	87	0	110	59	64	0	79	49	74	0	92	57	0	0	0	0	0	0
400	104	0	118	0	137	0	148	0	0	0	0	0	92	0	121	67	93	0	133	69	69	0	98	47	79	0	99	63	0	0	0	0	0	0
500	127	0	143	0	166	0	177	0	0	0	0	0	82	0	127	53	83	0	120	56	59	0	82	35	69	0	87	53	0	0	0	0	0	0
600	109	0	124	0	143	0	155	0	0	0	0	0	83	0	117	51	83	0	118	57	63	0	93	46	74	0	114	53	0	0	0	0	0	0
700	115	0	130	0	149	0	156	0	0	0	0	0	83	0	107	51	85	0	108	55	61	0	77	37	72	0	87	50	0	0	0	0	0	0
800	109	0	136	0	145	0	167	0	0	0	0	0	71	0	113	48	73	0	118	48	52	0	81	31	62	0	86	39	0	0	0	0	0	0
900	155	0	163	0	193	0	201	0	0	0	0	0	84	0	113	55	85	0	114	51	59	0	75	42	70	0	89	50	0	0	0	0	0	0
1000	79	0	95	0	107	0	118	0	0	0	0	0	87	0	121	42	88	0	120	45	68	0	104	42	78	0	108	51	0	0	0	0	0	0
1100	64	0	94	0	83	0	108	0	0	0	0	0	61	0	95	29	63	0	95	22	40	0	64	16	50	0	82	21	0	0	0	0	0	0
1200	83	0	100	0	98	0	109	0	0	0	0	0	36	0	65	349	34	0	61	334	14	0	33	348	21	0	40	343	0	0	0	0	0	0
1300	87	0	103	0	116	0	122	0	0	0	0	0	33	0	69	350	32	0	83	342	9	0	37	339	15	0	47	337	0	0	0	0	0	0
1400	73	0	91	0	91	0	103	0	0	0	0	0	35	0	72	0	33	0	77	343	16	0	50	340	25	0	53	350	0	0	0	0	0	0
1500	117	0	139	0	136	0	149	0	0	0	0	0	41	0	73	4	42	0	76	0	17	0	44	356	26	0	55	354	0	0	0	0	0	0
1600	75	0	95	0	127	0	139	0	0	0	0	0	17	0	57	330	16	0	58	302	348	0	12	316	353	0	21	317	0	0	0	0	0	0
1700	52	0	69	0	88	0	98	0	0	0	0	0	10	0	45	319	11	0	171	303	350	0	33	308	354	0	39	317	0	0	0	0	0	0
1800	32	0	53	0	64	0	76	0	0	0	0	0	12	0	84	290	9	0	70	311	344	0	13	315	352	0	48	323	0	0	0	0	0	0
1900	28	0	47	0	58	0	72	0	0	0	0	0	357	3	45	298	352	0	54	305	333	0	353	296	338	0	3	298	0	0	0	0	0	0
2000	23	0	42	0	47	0	61	0	0	0	0	0	351	3	63	309	348	0	53	297	334	0	13	305	339	0	25	308	0	0	0	0	0	0
2100	51	0	72	0	76	0	90	0	0	0	0	0	305	0	338	281	301	0	331	253	290	0	305	269	293	0	311	275	0	0	0	0	0	0
2200	37	0	54	0	48	0	61	0	0	0	0	0	286	0	342	236	281	0	333	231	269	0	308	224	272	0	306	232	0	0	0	0	0	0
2300	85	0	108	0	100	0	118	0	0	0	0	0	281	0	331	236	279	0	331	225	265	0	307	214	271	0	324	208	0	0	0	0	0	0
2400	107	0	126	0	131	0	152	0	0	0	0	0	265	0	299	215	260	0	292	217	249	0	263	229	254	0	270	235	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	177	0	175	0	188	0	184	0	320	2	320	2	11	0	9	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	154	0
200	157	0	155	0	162	0	157	0	320	2	320	2	4	0	2	0	0	2	0	2	234	2	0	2	0	2	0	2	0	2	0	2	0	2	153	6
300	164	0	164	0	161	0	155	0	320	2	320	2	-5	0	-7	0	0	2	0	2	240	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
400	168	0	168	0	164	0	159	0	320	2	320	2	-7	0	-9	0	0	2	0	2	242	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
500	170	0	168	0	164	0	159	0	320	2	320	2	-7	0	-9	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
600	171	0	171	0	166	0	162	0	320	2	320	2	-7	0	-9	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
700	177	0	177	0	171	0	168	0	320	2	320	2	-7	0	-9	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	151	0
800	184	0	181	0	180	0	175	0	320	2	320	2	-7	0	-9	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
900	188	0	188	0	182	0	179	0	320	2	320	2	-7	0	-11	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1000	193	0	193	0	188	0	182	0	320	2	320	2	-7	0	-11	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1100	198	0	197	0	191	0	188	0	320	2	320	2	-7	0	-11	0	0	2	0	2	263	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1200	213	0	211	0	206	0	202	0	320	2	320	2	-7	0	-11	0	0	2	0	2	267	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1300	227	0	227	0	222	0	218	0	320	2	320	2	-7	0	-11	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1400	240	0	238	0	234	0	229	0	320	2	320	2	-7	0	-11	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
1500	267	0	265	0	261	0	258	0	320	2	320	2	-7	0	-7	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1600	269	0	269	0	261	0	258	0	320	2	320	2	-9	0	-11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1700	270	0	269	0	263	0	260	0	320	2	320	2	-9	0	-11	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1800	263	0	265	0	258	0	254	0	320	2	320	2	-7	0	-9	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1900	265	0	265	0	261	0	260	0	320	2	320	2	-4	0	-7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2000	272	0	272	0	267	0	263	0	320	2	320	2	-5	0	-9	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
2100	278	0	278	0	274	0	270	0	320	2	320	2	-5	0	-7	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
2200	288	0	288	0	285	0	281	0	320	2	320	2	-5	0	-7	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
2300	288	0	287	0	281	0	278	0	320	2	320	2	-7	0	-9	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2400	281	0	279	0	274	0	270	0	320	2	320	2	-9	0	-11	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED -

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	104	0	126	0	158	0	165	0	0	0	0	0	263	0	302	225	261	0	298	211	246	0	272	225	251	0	280	217	0	0	0	0	0	0
200	110	0	118	0	155	0	160	0	0	0	0	0	252	0	291	205	252	0	289	204	238	0	256	210	245	0	267	231	0	0	0	0	0	0
300	73	0	80	0	116	0	116	0	0	0	0	0	233	0	284	202	227	0	269	169	211	0	231	169	218	0	239	194	0	0	0	0	0	0
400	77	0	81	0	116	0	116	0	0	0	0	0	226	0	261	157	224	0	254	170	208	0	227	190	215	0	234	196	0	0	0	0	0	0
500	39	0	57	0	98	0	96	0	0	0	0	0	203	0	254	165	205	0	255	156	196	0	218	169	203	0	225	180	0	0	0	0	0	0
600	37	0	52	0	90	0	90	0	0	0	0	0	201	0	254	104	202	0	251	101	190	0	212	169	198	0	216	175	0	0	0	0	0	0
700	38	0	51	0	78	0	84	0	0	0	0	0	204	0	253	130	204	0	260	144	198	0	231	166	206	0	234	183	0	0	0	0	0	0
800	41	0	52	0	92	0	91	0	0	0	0	0	220	0	287	180	218	0	267	148	200	0	237	175	207	0	239	173	0	0	0	0	0	0
900	64	0	69	0	106	0	105	0	0	0	0	0	226	0	290	197	221	0	262	169	204	0	228	169	213	0	238	190	0	0	0	0	0	0
1000	71	0	74	0	114	0	110	0	0	0	0	0	225	0	269	159	224	0	264	173	206	0	231	181	214	0	252	182	0	0	0	0	0	0
1100	115	0	113	0	166	0	153	0	0	0	0	0	240	0	278	199	237	0	266	204	215	0	237	189	224	0	247	198	0	0	0	0	0	0
1200	163	0	172	0	234	0	237	0	0	0	0	0	262	0	291	217	256	0	287	207	242	0	252	227	248	0	261	234	0	0	0	0	0	0
1300	152	0	152	0	232	0	226	0	0	0	0	0	256	0	315	227	251	0	288	204	237	0	255	213	243	0	261	216	0	0	0	0	0	0
1400	143	0	156	0	218	0	218	0	0	0	0	0	259	0	291	222	257	0	292	216	240	0	260	224	244	0	260	223	0	0	0	0	0	0
1500	152	0	159	0	226	0	219	0	0	0	0	0	258	0	296	201	252	0	308	194	238	0	253	223	243	0	260	212	0	0	0	0	0	0
1600	164	0	171	0	244	0	247	0	0	0	0	0	257	0	296	203	256	0	296	221	242	0	273	219	247	0	277	227	0	0	0	0	0	0
1700	178	0	199	0	231	0	249	0	0	0	0	0	266	0	292	219	263	0	288	236	246	0	259	216	252	0	266	218	0	0	0	0	0	0
1800	190	0	210	0	238	0	265	0	0	0	0	0	266	0	288	229	264	0	280	236	248	0	259	235	254	0	266	231	0	0	0	0	0	0
1900	179	0	198	0	225	0	245	0	0	0	0	0	265	0	292	213	262	0	286	218	247	0	272	219	253	0	278	222	0	0	0	0	0	0
2000	253	0	247	0	260	0	289	0	0	0	0	0	268	0	292	246	262	0	286	223	250	0	270	227	256	0	273	245	0	0	0	0	0	0
2100	229	0	256	0	282	0	307	0	0	0	0	0	265	0	296	222	262	0	291	219	250	0	264	237	256	0	274	246	0	0	0	0	0	0
2200	231	0	251	0	259	0	285	0	0	0	0	0	270	0	297	248	265	0	295	239	258	0	277	228	262	0	282	235	0	0	0	0	0	0
2300	219	0	243	0	249	0	274	0	0	0	0	0	270	0	306	233	266	0	300	226	254	0	295	228	260	0	294	232	0	0	0	0	0	0
2400	124	0	123	0	177	0	171	0	0	0	0	0	246	0	293	194	244	0	294	189	225	0	248	196	230	0	251	199	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	274	0	272	0	267	0	261	0	320	2	320	2	-9	0	-11	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
200	260	0	258	0	252	0	247	0	320	2	320	2	-9	0	-11	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
300	249	0	247	0	242	0	236	0	320	2	320	2	-9	0	-11	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
400	227	0	225	0	224	0	218	0	320	2	320	2	-5	0	-7	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
500	189	0	189	0	197	0	191	0	320	2	320	2	4	0	2	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
600	173	0	173	0	175	0	170	0	320	2	320	2	0	0	-4	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
700	193	0	193	0	193	0	188	0	320	2	320	2	-2	0	-5	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
800	200	0	198	0	198	0	195	0	320	2	320	2	-4	0	-5	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
900	204	0	204	0	198	0	193	0	320	2	320	2	-7	0	-11	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
1000	195	0	193	0	186	0	182	0	320	2	320	2	-11	0	-13	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1100	220	0	220	0	213	0	207	0	320	2	320	2	-9	0	-13	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1200	245	0	245	0	234	0	231	0	320	2	320	2	-13	0	-16	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1300	231	0	231	0	224	0	218	0	320	2	320	2	-11	0	-14	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1400	225	0	225	0	215	0	211	0	320	2	320	2	-13	0	-14	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1500	229	0	227	0	218	0	213	0	320	2	320	2	-13	0	-14	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
1600	231	0	231	0	222	0	218	0	320	2	320	2	-11	0	-13	0	0	2	0	2	278	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1700	220	0	220	0	213	0	207	0	320	2	320	2	-9	0	-13	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
1800	222	0	220	0	213	0	209	0	320	2	320	2	-9	0	-11	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1900	222	0	220	0	215	0	211	0	320	2	320	2	-9	0	-11	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2000	222	0	220	0	213	0	209	0	320	2	320	2	-11	0	-13	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
2100	222	0	220	0	213	0	209	0	320	2	320	2	-11	0	-13	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
2200	225	0	224	0	216	0	213	0	320	2	320	2	-9	0	-13	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
2300	231	0	229	0	222	0	218	0	320	2	320	2	-11	0	-13	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
2400	193	0	191	0	184	0	180	0	320	2	320	2	-9	0	-13	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	187	0	212	0	207	0	232	0	0	0	0	0	267	0	322	236	266	0	299	235	259	0	299	231	265	0	295	243	0	0	0	0	0	0
200	133	0	133	0	195	0	183	0	0	0	0	0	240	0	276	196	241	0	277	215	222	0	245	191	229	0	248	207	0	0	0	0	0	0
300	41	0	54	0	88	0	89	0	0	0	0	0	203	0	244	134	202	0	256	137	200	0	232	172	208	0	239	180	0	0	0	0	0	0
400	36	0	55	0	98	0	96	0	0	0	0	0	206	0	244	150	204	0	240	143	194	0	210	176	201	0	216	187	0	0	0	0	0	0
500	48	0	59	0	103	0	104	0	0	0	0	0	212	0	251	119	207	0	254	122	202	0	228	162	211	0	239	178	0	0	0	0	0	0
600	56	0	67	0	109	0	110	0	0	0	0	0	219	0	264	147	217	0	258	138	204	0	230	179	211	0	242	183	0	0	0	0	0	0
700	41	0	57	0	107	0	104	0	0	0	0	0	192	0	238	98	195	0	262	105	183	0	207	159	192	0	221	156	0	0	0	0	0	0
800	49	0	65	0	116	0	110	0	0	0	0	0	197	0	258	128	198	0	245	137	182	0	197	162	189	0	202	171	0	0	0	0	0	0
900	43	0	60	0	117	0	115	0	0	0	0	0	188	0	254	99	190	0	263	102	175	0	200	142	184	0	199	160	0	0	0	0	0	0
1000	53	0	61	0	124	0	114	0	0	0	0	0	195	0	257	110	199	0	268	116	181	0	205	147	189	0	214	156	0	0	0	0	0	0
1100	36	0	53	0	92	0	99	0	0	0	0	0	174	0	269	97	172	0	239	114	169	0	193	134	177	0	205	147	0	0	0	0	0	0
1200	57	0	71	0	128	0	130	0	0	0	0	0	178	0	230	100	181	0	269	92	169	0	197	148	178	0	207	142	0	0	0	0	0	0
1300	72	0	86	0	143	0	140	0	0	0	0	0	196	0	258	129	194	0	245	91	177	0	195	147	187	0	208	156	0	0	0	0	0	0
1400	95	0	104	0	164	0	153	0	0	0	0	0	204	0	258	125	203	0	244	105	184	0	217	150	192	0	219	155	0	0	0	0	0	0
1500	95	0	105	0	162	0	156	0	0	0	0	0	200	0	247	103	202	0	262	128	184	0	220	139	192	0	232	134	0	0	0	0	0	0
1600	80	0	93	0	149	0	148	0	0	0	0	0	207	0	262	134	203	0	269	96	183	0	223	135	191	0	218	154	0	0	0	0	0	0
1700	75	0	84	0	145	0	141	0	0	0	0	0	200	0	262	115	197	0	253	97	183	0	243	139	190	0	235	148	0	0	0	0	0	0
1800	83	0	101	0	181	0	177	0	0	0	0	0	181	0	269	100	182	0	264	117	167	0	207	125	178	0	211	143	0	0	0	0	0	0
1900	90	0	103	0	186	0	185	0	0	0	0	0	175	0	248	119	178	0	265	91	169	0	205	135	179	0	212	141	0	0	0	0	0	0
2000	102	0	118	0	211	0	199	0	0	0	0	0	185	0	260	95	189	0	268	126	176	0	214	141	186	0	235	153	0	0	0	0	0	0
2100	70	0	86	0	152	0	140	0	0	0	0	0	202	0	268	106	198	0	255	104	184	0	212	118	192	0	228	150	0	0	0	0	0	0
2200	66	0	76	0	148	0	141	0	0	0	0	0	200	0	269	127	197	0	265	103	182	0	229	142	189	0	225	165	0	0	0	0	0	0
2300	90	0	106	0	179	0	183	0	0	0	0	0	173	0	225	99	172	0	224	117	164	0	202	124	175	0	221	152	0	0	0	0	0	0
2400	92	0	103	0	185	0	188	0	0	0	0	0	178	0	237	96	176	0	238	100	166	0	201	123	176	0	206	133	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	231	0	231	0	225	0	222	0	320	2	320	2	-9	0	-11	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
200	188	0	189	0	180	0	177	0	320	2	320	2	-9	0	-13	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
300	141	0	141	0	139	0	135	0	320	2	320	2	-4	0	-5	0	0	2	0	2	234	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
400	126	0	126	0	137	0	134	0	320	2	320	2	9	0	7	0	0	2	0	2	222	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
500	148	0	146	0	159	0	153	0	320	2	320	2	9	0	7	0	0	2	0	2	233	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
600	150	0	148	0	150	0	146	0	320	2	320	2	2	0	-4	0	0	2	0	2	233	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
700	128	0	126	0	130	0	125	0	320	2	320	2	0	0	-4	0	0	2	0	2	222	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
800	132	0	132	0	134	0	130	0	320	2	320	2	0	0	-2	0	0	2	0	2	227	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
900	125	0	123	0	121	0	116	0	320	2	320	2	-7	0	-9	0	0	2	0	2	225	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1000	141	0	141	0	137	0	134	0	320	2	320	2	-5	0	-7	0	0	2	0	2	233	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1100	191	0	189	0	171	0	165	0	320	2	320	2	-23	0	-23	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1200	202	0	200	0	179	0	175	0	320	2	320	2	-27	0	-29	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
1300	243	0	243	0	222	0	218	0	320	2	320	2	-25	0	-27	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1400	251	0	251	0	231	0	227	0	320	2	320	2	-22	0	-25	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1500	278	0	278	0	258	0	252	0	320	2	320	2	-22	0	-25	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1600	279	0	279	0	261	0	258	0	320	2	320	2	-20	0	-23	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1700	265	0	263	0	258	0	252	0	320	2	320	2	-7	0	-11	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1800	258	0	256	0	258	0	252	0	320	2	320	2	-4	0	-5	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1900	258	0	256	0	254	0	249	0	320	2	320	2	-5	0	-7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
2000	260	0	258	0	256	0	252	0	320	2	320	2	-5	0	-7	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	265	0	263	0	263	0	260	0	320	2	320	2	-4	0	-5	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
2200	272	0	270	0	269	0	265	0	320	2	320	2	-4	0	-7	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	260	0	260	0	258	0	252	0	320	2	320	2	-4	0	-7	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	258	0	256	0	254	0	249	0	320	2	320	2	-5	0	-7	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	96	0	108	0	181	0	174	0	0	0	0	0	196	0	248	135	201	0	266	153	180	0	211	157	189	0	223	164	0	0	0	0	0	0
200	71	0	79	0	142	0	135	0	0	0	0	0	211	0	265	117	212	0	262	158	190	0	225	147	197	0	226	172	0	0	0	0	0	0
300	73	0	79	0	128	0	123	0	0	0	0	0	214	0	261	149	213	0	267	113	191	0	220	160	198	0	232	149	0	0	0	0	0	0
400	75	0	82	0	117	0	114	0	0	0	0	0	223	0	260	171	221	0	262	150	200	0	229	167	209	0	230	161	0	0	0	0	0	0
500	79	0	77	0	118	0	114	0	0	0	0	0	227	0	282	184	228	0	283	183	207	0	232	176	215	0	239	186	0	0	0	0	0	0
600	94	0	94	0	135	0	131	0	0	0	0	0	241	0	277	202	239	0	270	198	221	0	252	196	228	0	248	207	0	0	0	0	0	0
700	74	0	75	0	106	0	105	0	0	0	0	0	242	0	295	186	235	0	268	179	217	0	246	187	225	0	245	199	0	0	0	0	0	0
800	115	0	117	0	164	0	165	0	0	0	0	0	248	0	290	215	249	0	288	217	234	0	253	223	240	0	263	227	0	0	0	0	0	0
900	131	0	147	0	172	0	189	0	0	0	0	0	266	0	290	225	262	0	298	200	249	0	272	229	255	0	274	226	0	0	0	0	0	0
1000	138	0	156	0	165	0	192	0	0	0	0	0	292	0	333	235	289	0	323	238	276	0	305	246	280	0	307	236	0	0	0	0	0	0
1100	140	0	158	0	210	0	220	0	0	0	0	0	315	0	344	275	311	0	333	273	307	0	316	293	310	0	324	291	0	0	0	0	0	0
1200	140	0	152	0	217	0	235	0	0	0	0	0	321	0	352	275	318	0	356	258	313	0	330	296	317	0	334	299	0	0	0	0	0	0
1300	166	0	182	0	232	0	250	0	0	0	0	0	335	0	9	299	329	0	358	291	321	0	340	291	324	0	355	302	0	0	0	0	0	0
1400	166	0	178	0	236	0	241	0	0	0	0	0	340	0	26	304	335	0	28	294	328	0	352	314	331	0	347	303	0	0	0	0	0	0
1500	199	0	213	0	291	0	311	0	0	0	0	0	332	0	4	271	327	0	13	293	319	0	346	301	322	0	344	289	0	0	0	0	0	0
1600	186	0	205	0	282	0	297	0	0	0	0	0	326	0	3	279	321	0	347	269	317	0	345	300	319	0	333	294	0	0	0	0	0	0
1700	180	0	202	0	276	0	298	0	0	0	0	0	323	0	1	285	320	0	0	275	315	0	324	294	318	0	338	298	0	0	0	0	0	0
1800	177	0	203	0	261	0	279	0	0	0	0	0	325	0	23	287	318	0	355	281	313	0	333	274	315	0	339	290	0	0	0	0	0	0
1900	208	0	219	0	262	0	261	0	0	0	0	0	312	0	349	285	307	0	335	274	301	0	312	286	303	0	322	290	0	0	0	0	0	0
2000	214	0	224	0	281	0	288	0	0	0	0	0	308	0	353	278	304	0	328	268	299	0	311	285	301	0	320	289	0	0	0	0	0	0
2100	203	0	211	0	275	0	289	0	0	0	0	0	304	0	334	272	300	0	337	276	294	0	306	281	296	0	307	285	0	0	0	0	0	0
2200	213	0	224	0	273	0	283	0	0	0	0	0	312	0	357	281	306	0	327	275	299	0	312	284	301	0	317	284	0	0	0	0	0	0
2300	247	0	258	0	320	0	336	0	0	0	0	0	307	0	328	281	303	0	322	270	296	0	302	284	297	0	303	280	0	0	0	0	0	0
2400	278	0	292	0	363	0	368	0	0	0	0	0	310	0	332	273	307	0	325	280	304	0	316	292	305	0	323	294	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	256	0	254	0	252	0	249	0	320	2	320	2	-4	0	-7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
200	267	0	265	0	263	0	258	0	320	2	320	2	-5	0	-7	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	267	0	267	0	263	0	258	0	320	2	320	2	-7	0	-9	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
400	269	0	269	0	263	0	258	0	320	2	320	2	-7	0	-9	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
500	272	0	270	0	267	0	261	0	320	2	320	2	-7	0	-9	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	274	0	272	0	269	0	263	0	320	2	320	2	-7	0	-9	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	272	0	270	0	267	0	261	0	320	2	320	2	-7	0	-9	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
800	281	0	279	0	276	0	272	0	320	2	320	2	-7	0	-9	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
900	294	0	292	0	288	0	283	0	320	2	320	2	-9	0	-11	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1000	299	0	297	0	292	0	287	0	320	2	320	2	-9	0	-13	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1100	303	0	301	0	296	0	290	0	320	2	320	2	-9	0	-13	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1200	288	0	287	0	281	0	276	0	320	2	320	2	-9	0	-13	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1300	276	0	274	0	265	0	260	0	320	2	320	2	-13	0	-16	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1400	258	0	256	0	243	0	236	0	320	2	320	2	-14	0	-20	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1500	249	0	247	0	236	0	231	0	320	2	320	2	-14	0	-16	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1600	242	0	242	0	229	0	222	0	320	2	320	2	-14	0	-22	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1700	238	0	238	0	225	0	213	0	320	2	320	2	-18	0	-27	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1800	224	0	224	0	211	0	204	0	320	2	320	2	-14	0	-20	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1900	225	0	224	0	213	0	204	0	320	2	320	2	-14	0	-20	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2000	206	0	204	0	195	0	188	0	320	2	320	2	-14	0	-16	0	0	2	0	2	263	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	197	0	197	0	186	0	180	0	320	2	320	2	-13	0	-16	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	193	0	193	0	184	0	179	0	320	2	320	2	-13	0	-14	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	179	0	179	0	166	0	162	0	320	2	320	2	-14	0	-16	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	177	0	175	0	164	0	159	0	320	2	320	2	-14	0	-18	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0

SI[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

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HOUR	SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	286	0	287	0	366	0	358	0	0	0	0	0	313	0	342	290	308	0	332	277	304	0	320	292	305	0	324	294	0	0	0	0	0	0
200	241	0	258	0	340	0	354	0	0	0	0	0	316	0	358	274	312	0	351	256	312	0	346	293	312	0	336	289	0	0	0	0	0	0
300	258	0	274	0	385	0	400	0	0	0	0	0	317	0	352	278	314	0	348	273	307	0	335	228	313	0	331	300	0	0	0	0	0	0
400	218	0	235	0	317	0	332	0	0	0	0	0	319	0	5	276	315	0	355	283	307	0	335	269	314	0	335	299	0	0	0	0	0	0
500	228	0	251	0	323	0	330	0	0	0	0	0	316	0	346	276	310	0	344	269	302	0	329	250	311	0	333	290	0	0	0	0	0	0
600	248	0	264	0	326	0	335	0	0	0	0	0	325	0	25	289	320	0	353	281	310	0	338	279	317	0	338	283	0	0	0	0	0	0
700	213	0	227	0	307	0	322	0	0	0	0	0	333	0	3	293	327	0	1	279	311	0	343	240	320	0	346	293	0	0	0	0	0	0
800	217	0	232	0	304	0	309	0	0	0	0	0	317	0	1	274	313	0	18	274	302	0	343	246	309	0	337	283	0	0	0	0	0	0
900	178	0	194	0	253	0	260	0	0	0	0	0	314	0	354	276	310	0	342	269	297	0	330	230	309	0	335	264	0	0	0	0	0	0
1000	177	0	194	0	258	0	261	0	0	0	0	0	317	0	351	278	313	0	358	261	299	0	350	252	311	0	336	284	0	0	0	0	0	0
1100	234	0	236	0	284	0	310	0	0	0	0	0	299	0	319	292	294	0	322	263	277	0	293	244	289	0	301	273	0	0	0	0	0	0
1200	207	0	217	0	269	0	291	0	0	0	0	0	302	0	336	280	299	0	337	267	279	0	306	244	290	0	304	268	0	0	0	0	0	0
1300	200	0	212	0	230	0	254	0	0	0	0	0	291	0	318	236	289	0	334	247	266	0	300	230	282	0	312	247	0	0	0	0	0	0
1400	188	0	201	0	217	0	245	0	0	0	0	0	286	0	339	236	280	0	330	218	260	0	301	190	278	0	305	225	0	0	0	0	0	0
1500	167	0	179	0	211	0	237	0	0	0	0	0	288	0	327	252	285	0	314	246	259	0	298	200	277	0	306	229	0	0	0	0	0	0
1600	189	0	200	0	213	0	233	0	0	0	0	0	272	0	322	228	268	0	316	210	247	0	302	189	264	0	304	233	0	0	0	0	0	0
1700	189	0	211	0	224	0	247	0	0	0	0	0	273	0	306	238	270	0	302	236	249	0	277	213	265	0	300	238	0	0	0	0	0	0
1800	198	0	212	0	224	0	247	0	0	0	0	0	280	0	329	250	274	0	316	234	256	0	310	209	272	0	315	234	0	0	0	0	0	0
1900	186	0	200	0	223	0	246	0	0	0	0	0	278	0	347	243	275	0	329	234	255	0	309	212	272	0	306	227	0	0	0	0	0	0
2000	197	0	210	0	225	0	244	0	0	0	0	0	273	0	314	218	271	0	321	226	258	0	325	202	273	0	304	234	0	0	0	0	0	0
2100	196	0	206	0	244	0	263	0	0	0	0	0	282	0	327	239	278	0	317	239	262	0	325	182	276	0	309	229	0	0	0	0	0	0
2200	193	0	206	0	226	0	248	0	0	0	0	0	283	0	324	229	281	0	319	235	261	0	304	195	277	0	300	239	0	0	0	0	0	0
2300	190	0	204	0	233	0	252	0	0	0	0	0	281	0	332	236	278	0	308	237	259	0	302	212	274	0	301	235	0	0	0	0	0	0
2400	206	0	222	0	240	0	267	0	0	0	0	0	290	0	340	262	286	0	324	249	264	0	332	215	278	0	318	243	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	168	0	168	0	155	0	150	0	320	2	320	2	-14	0	-16	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	153	0	153	0	141	0	137	0	320	2	320	2	-14	0	-18	0	0	2	0	2	236	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	135	0	134	0	123	0	117	0	320	2	320	2	-14	0	-16	0	0	2	0	2	227	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
400	125	0	125	0	110	0	105	0	320	2	320	2	-16	0	-20	0	0	2	0	2	222	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
500	114	0	112	0	99	0	96	0	320	2	320	2	-14	0	-18	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	96	0	96	0	83	0	80	0	320	2	320	2	-16	0	-18	0	0	2	0	2	215	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	83	0	83	0	72	0	69	0	320	2	320	2	-13	0	-16	0	0	2	0	2	200	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
800	80	0	80	0	69	0	63	0	320	2	320	2	-14	0	-16	0	0	2	0	2	204	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
900	80	0	80	0	69	0	63	0	320	2	320	2	-14	0	-16	0	0	2	0	2	198	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1000	78	0	78	0	67	0	62	0	320	2	320	2	-14	0	-16	0	0	2	0	2	211	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1100	69	0	69	0	54	0	51	0	320	2	320	2	-16	0	-18	0	0	2	0	2	197	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1200	56	0	56	0	44	0	40	0	320	2	320	2	-16	0	-18	0	0	2	0	2	191	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1300	47	0	47	0	38	0	33	0	320	2	320	2	-14	0	-16	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1400	51	0	51	0	42	0	38	0	320	2	320	2	-13	0	-14	0	0	2	0	2	189	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1500	53	0	53	0	44	0	40	0	320	2	320	2	-11	0	-13	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1600	56	0	56	0	49	0	44	0	320	2	320	2	-11	0	-13	0	0	2	0	2	193	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1700	65	0	65	0	56	0	53	0	320	2	320	2	-11	0	-13	0	0	2	0	2	191	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1800	67	0	67	0	58	0	54	0	320	2	320	2	-11	0	-13	0	0	2	0	2	191	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	72	0	71	0	63	0	60	0	320	2	320	2	-9	0	-11	0	0	2	0	2	193	2	0	2	0	2	0	2	0	2	0	2	0	2	165	0
2000	80	0	78	0	71	0	67	0	320	2	320	2	-9	0	-11	0	0	2	0	2	197	2	0	2	0	2	0	2	0	2	0	2	0	2	164	6
2100	87	0	87	0	76	0	72	0	320	2	320	2	-13	0	-14	0	0	2	0	2	202	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	85	0	83	0	76	0	72	0	320	2	320	2	-11	0	-13	0	0	2	0	2	200	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	80	0	78	0	72	0	69	0	320	2	320	2	-9	0	-11	0	0	2	0	2	198	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	71	0	69	0	60	0	56	0	320	2	320	2	-13	0	-14	0	0	2	0	2	195	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY 24, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	224	0	232	0	273	0	300	0	0	0	0	0	299	0	326	266	294	0	327	256	277	0	304	260	289	0	302	273	0	0	0	0	0	0
200	204	0	217	0	263	0	280	0	0	0	0	0	302	0	337	275	298	0	329	264	280	0	296	260	293	0	309	276	0	0	0	0	0	0
300	207	0	219	0	260	0	282	0	0	0	0	0	300	0	351	274	296	0	342	269	277	0	300	256	290	0	306	262	0	0	0	0	0	0
400	207	0	220	0	275	0	302	0	0	0	0	0	300	0	336	264	298	0	323	267	279	0	297	259	291	0	308	276	0	0	0	0	0	0
500	236	0	260	0	294	0	303	0	0	0	0	0	309	0	329	283	303	0	328	272	290	0	310	270	300	0	313	288	0	0	0	0	0	0
600	201	0	219	0	268	0	274	0	0	0	0	0	308	0	332	256	304	0	328	274	291	0	350	242	303	0	331	272	0	0	0	0	0	0
700	212	0	226	0	264	0	272	0	0	0	0	0	309	0	341	262	305	0	336	275	288	0	316	271	300	0	315	279	0	0	0	0	0	0
800	190	0	20[illegible]	0	240	0	249	0	0	0	0	0	314	0	1	283	308	0	355	269	291	0	318	259	305	0	333	284	0	0	0	0	0	0
900	166	0	180	0	210	0	219	0	0	0	0	0	316	0	359	288	310	0	342	289	290	0	319	253	306	0	323	292	0	0	0	0	0	0
1000	146	0	160	0	192	0	199	0	0	0	0	0	309	0	343	278	303	0	341	270	281	0	312	245	301	0	318	283	0	0	0	0	0	0
1100	138	0	152	0	180	0	191	0	0	0	0	0	306	0	336	271	301	0	330	260	273	0	303	240	296	0	314	275	0	0	0	0	0	0
1200	124	0	134	0	152	0	174	0	0	0	0	0	296	0	334	256	291	0	325	250	256	0	286	188	282	0	302	228	0	0	0	0	0	0
1300	99	0	119	0	134	0	148	0	0	0	0	0	298	0	333	255	292	0	318	239	255	0	282	185	287	0	316	248	0	0	0	0	0	0
1400	106	0	125	0	137	0	152	0	0	0	0	0	302	0	340	270	297	0	330	264	262	0	298	225	293	0	316	267	0	0	0	0	0	0
1500	114	0	129	0	140	0	158	0	0	0	0	0	299	0	341	252	295	0	329	259	261	0	280	195	290	0	304	241	0	0	0	0	0	0
1600	86	0	106	0	110	0	129	0	0	0	0	0	282	0	344	221	279	0	337	201	240	0	285	181	277	0	311	239	0	0	0	0	0	0
1700	75	0	95	0	97	0	115	0	0	0	0	0	302	0	342	265	296	0	335	271	245	0	302	205	288	0	307	266	0	0	0	0	0	0
1800	75	0	91	0	95	0	112	0	0	0	0	0	267	0	298	239	265	0	296	229	223	0	258	190	260	0	306	212	0	0	0	0	0	0
1900	50	0	66	0	82	0	95	0	0	0	0	0	281	0	331	221	278	0	332	217	232	0	267	179	279	0	310	234	0	0	0	0	0	0
2000	67	0	87	0	88	0	104	0	0	0	0	0	296	0	334	233	294	0	354	244	237	0	265	179	281	0	304	231	0	0	0	0	0	0
2100	44	0	56	0	73	0	76	0	0	0	0	0	200	0	250	117	202	0	265	91	185	0	215	173	197	0	265	153	0	0	0	0	0	0
2200	35	0	51	0	82	0	80	0	0	0	0	0	194	0	248	141	195	0	248	145	184	0	195	174	195	0	208	183	0	0	0	0	0	0
2300	36	0	51	0	69	0	72	0	0	0	0	0	180	0	228	97	183	0	236	104	186	0	202	174	199	0	231	169	0	0	0	0	0	0
2400	29	0	47	0	40	0	49	0	0	0	0	0	154	0	196	122	157	0	200	128	180	0	193	170	183	0	225	154	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	62	0	60	0	51	0	45	0	320	2	320	2	-13	0	-14	0	0	2	0	2	189	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	54	0	54	0	44	0	40	0	320	2	320	2	-14	0	-16	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	51	0	49	0	38	0	36	0	320	2	320	2	-13	0	-16	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
400	49	0	49	0	38	0	36	0	320	2	320	2	-13	0	-14	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
500	47	0	47	0	36	0	33	0	320	2	320	2	-14	0	-16	0	0	2	0	2	182	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	51	0	51	0	40	0	38	0	320	2	320	2	-13	0	-14	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	51	0	49	0	42	0	38	0	320	2	320	2	-11	0	-13	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
800	53	0	53	0	42	0	38	0	320	2	320	2	-13	0	-14	0	0	2	0	2	186	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
900	54	0	53	0	44	0	40	0	320	2	320	2	-13	0	-14	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1000	62	0	62	0	53	0	47	0	320	2	320	2	-13	0	-14	0	0	2	0	2	193	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1100	71	0	69	0	56	0	53	0	320	2	320	2	-14	0	-16	0	0	2	0	2	198	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1200	78	0	78	0	63	0	60	0	320	2	320	2	-16	0	-18	0	0	2	0	2	204	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1300	81	0	80	0	69	0	63	0	320	2	320	2	-14	0	-18	0	0	2	0	2	209	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1400	76	0	76	0	65	0	62	0	320	2	320	2	-13	0	-16	0	0	2	0	2	202	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1500	80	0	78	0	69	0	65	0	320	2	320	2	-13	0	-14	0	0	2	0	2	202	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1600	81	0	81	0	74	0	71	0	320	2	320	2	-9	0	-13	0	0	2	0	2	202	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1700	85	0	85	0	78	0	74	0	320	2	320	2	-9	0	-11	0	0	2	0	2	202	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1800	90	0	90	0	87	0	83	0	320	2	320	2	-7	0	-9	0	0	2	0	2	204	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	96	0	96	0	92	0	89	0	320	2	320	2	-5	0	-7	0	0	2	0	2	206	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2000	105	0	105	0	101	0	98	0	320	2	320	2	-7	0	-9	0	0	2	0	2	211	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	71	0	69	0	63	0	60	0	320	2	320	2	-9	0	-11	0	0	2	0	2	200	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
2200	53	0	51	0	56	0	53	0	320	2	320	2	4	0	2	0	0	2	0	2	186	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	54	0	53	0	71	0	67	0	320	2	320	2	14	0	13	0	0	2	0	2	186	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	49	0	49	0	69	0	65	0	320	2	320	2	16	0	14	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6

ST[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	31	0	30	0	48	0	33	0	0	0	0	0	166	0	192	134	167	0	199	136	182	0	199	174	195	0	242	166	0	0	0	0	0	0
200	23	0	42	0	24	0	33	0	0	0	0	0	142	0	197	93	146	0	192	94	177	0	193	162	173	0	268	118	0	0	0	0	0	0
300	40	0	53	0	25	0	37	0	0	0	0	0	166	0	223	97	169	0	222	94	182	0	207	165	185	0	266	98	0	0	0	0	0	0
400	31	0	48	0	16	0	25	0	0	0	0	0	167	0	187	125	167	0	199	132	180	5	186	172	182	0	235	134	0	0	0	0	0	0
500	32	0	49	0	21	0	25	0	0	0	0	0	157	0	196	119	158	0	198	132	180	0	185	175	188	0	263	150	0	0	0	0	0	0
600	54	0	72	0	9	0	20	0	0	0	0	0	177	0	192	153	178	0	200	146	183	5	192	181	226	0	284	200	0	0	0	0	0	0
700	52	0	71	0	9	0	22	0	0	0	0	0	180	0	199	142	181	0	198	146	180	5	185	176	171	0	262	136	0	0	0	0	0	0
800	40	0	57	0	26	0	38	0	0	0	0	0	154	0	190	115	155	0	192	121	179	0	185	175	173	0	208	143	0	0	0	0	0	0
900	33	0	51	0	20	0	33	0	0	0	0	0	135	0	158	115	138	0	159	117	168	5	174	159	108	0	144	70	0	0	0	0	0	0
1000	27	0	45	0	60	0	77	0	0	0	0	0	130	0	161	105	134	0	156	110	174	0	176	166	165	0	174	150	0	0	0	0	0	0
1100	15	0	34	0	36	0	49	0	0	0	0	0	144	0	241	90	146	0	196	98	176	0	190	156	166	0	207	112	0	0	0	0	0	0
1200	26	0	52	0	52	0	67	0	0	0	0	0	148	0	201	102	148	0	227	114	172	0	182	151	160	0	185	137	0	0	0	0	0	0
1300	25	0	47	0	52	0	67	0	0	0	0	0	144	0	233	91	144	0	230	94	166	0	182	145	145	0	194	106	0	0	0	0	0	0
1400	26	0	45	0	40	0	54	0	0	0	0	0	146	0	209	100	148	0	199	117	169	0	185	156	147	0	180	106	0	0	0	0	0	0
1500	14	0	34	0	23	0	37	0	0	0	0	0	130	0	173	83	130	0	170	85	171	0	182	138	134	0	171	72	0	0	0	0	0	0
1600	27	0	27	0	17	0	30	0	0	0	0	0	115	0	169	49	116	3	158	53	170	5	179	151	108	3	171	21	0	0	0	0	0	0
1700	18	0	38	0	30	0	43	0	0	0	0	0	95	0	148	67	95	0	148	60	155	0	173	134	79	0	98	58	0	0	0	0	0	0
1800	15	0	38	0	34	0	53	0	0	0	0	0	66	0	78	50	67	0	80	52	152	0	171	138	49	0	57	36	0	0	0	0	0	0
1900	37	0	59	0	66	0	86	0	0	0	0	0	71	0	101	50	72	0	102	45	107	0	158	80	58	0	75	39	0	0	0	0	0	0
2000	66	0	80	0	104	0	114	0	0	0	0	0	93	0	125	71	93	0	122	68	106	0	146	73	79	0	93	62	0	0	0	0	0	0
2100	60	0	75	0	98	0	110	0	0	0	0	0	101	0	135	78	102	0	132	83	115	0	131	103	87	0	98	74	0	0	0	0	0	0
2200	52	0	68	0	95	0	106	0	0	0	0	0	103	0	136	76	104	0	133	86	113	0	139	95	84	0	99	75	0	0	0	0	0	0
2300	62	0	78	0	108	0	119	0	0	0	0	0	99	0	119	81	102	0	124	89	107	0	120	94	82	0	93	75	0	0	0	0	0	0
2400	99	0	112	0	160	0	168	0	0	0	0	0	99	0	122	71	101	0	130	82	91	0	117	78	78	0	92	71	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC .1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	47	0	47	0	74	0	71	0	320	2	320	2	25	0	23	0	0	2	0	2	182	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	56	0	54	0	80	0	76	0	320	2	320	2	22	0	20	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	56	0	54	0	90	0	87	0	320	2	320	2	32	0	31	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
400	53	0	53	0	87	0	81	0	320	2	320	2	31	0	29	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
500	42	0	42	0	83	0	81	0	320	2	320	2	40	0	38	0	0	2	0	2	180	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	33	0	31	0	90	0	87	0	320	2	320	2	56	0	56	0	0	2	0	2	173	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	31	0	31	0	101	0	98	0	320	2	320	2	68	0	68	0	0	2	0	2	173	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
800	31	0	31	0	108	0	105	0	320	2	320	2	76	0	74	0	0	2	0	2	175	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
900	27	0	26	0	116	0	112	0	320	2	320	2	86	0	85	0	0	2	0	2	173	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1000	49	0	45	0	107	0	103	0	320	2	320	2	58	0	56	0	0	2	0	2	186	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1100	121	0	116	0	99	0	94	0	320	2	320	2	-23	0	-23	0	0	2	0	2	229	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1200	132	0	126	0	110	0	107	0	320	2	320	2	-22	0	-22	0	0	2	0	2	238	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1300	159	0	152	0	134	0	128	0	320	2	320	2	-27	0	-23	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1400	153	0	150	0	134	0	128	0	320	2	320	2	-23	0	-23	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1500	170	0	164	0	148	0	141	0	320	2	320	2	-22	0	-23	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1600	171	0	168	0	159	0	153	0	320	2	320	2	-14	0	-14	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1700	148	0	148	0	141	0	137	0	320	2	320	2	-9	0	-11	0	0	2	0	2	236	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1800	134	0	135	0	135	0	134	0	320	2	320	2	2	0	-4	0	0	2	0	2	224	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	141	0	141	0	144	0	141	0	320	2	320	2	2	0	-2	0	0	2	0	2	229	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2000	125	0	125	0	123	0	119	0	320	2	320	2	-5	0	-7	0	0	2	0	2	222	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	112	0	110	0	114	0	110	0	320	2	320	2	0	0	2	0	0	2	0	2	215	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	107	0	107	0	112	0	108	0	320	2	320	2	4	0	0	0	0	2	0	2	211	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	99	0	99	0	107	0	103	0	320	2	320	2	5	0	4	0	0	2	0	2	206	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	81	0	80	0	98	0	92	0	320	2	320	2	14	0	13	0	0	2	0	2	197	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S
100	96	0	110	0	163	0	170	0	0	0	0	0
200	66	0	84	0	113	0	144	0	0	0	0	0
300	58	0	84	0	109	0	135	0	0	0	0	0
400	60	0	85	0	111	0	140	0	0	0	0	0
500	60	0	88	0	118	0	141	0	0	0	0	0
600	64	0	79	0	136	0	142	0	0	0	0	0
700	70	0	83	0	151	0	158	0	0	0	0	0
800	71	0	85	0	142	0	151	0	0	0	0	0
900	57	0	74	0	129	0	138	0	0	0	0	0
1000	51	0	65	0	111	0	119	0	0	0	0	0
1100	40	0	58	0	54	0	67	0	0	0	0	0
1200	24	0	42	0	28	0	40	0	0	0	0	0
1300	8	0	26	0	129	2	20	0	0	0	0	0
1400	28	0	45	0	37	0	51	0	0	0	0	0
1500	50	0	67	0	55	0	68	0	0	0	0	0
1600	35	0	51	0	45	0	55	0	0	0	0	0
1700	26	0	35	0	41	0	45	0	0	0	0	0
1800	17	0	28	0	50	0	55	0	0	0	0	0
1900	30	0	47	0	82	0	81	0	0	0	0	0
2000	75	0	76	0	109	0	110	0	0	0	0	0
2100	69	0	73	0	109	0	107	0	0	0	0	0
2200	58	0	60	0	98	0	100	0	0	0	0	0
2300	51	0	60	0	95	0	97	0	0	0	0	0
2400	58	0	56	0	111	0	112	0	0	0	0	0

HOUR	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	85	0	108	63	87	0	114	66	77	0	95	63	65	0	73	58	0	0	0	0	0	0
200	75	0	94	48	76	0	98	60	73	0	91	52	56	0	67	44	0	0	0	0	0	0
300	62	0	78	37	63	0	83	43	74	0	98	56	48	0	64	39	0	0	0	0	0	0
400	66	0	87	49	67	0	88	53	73	0	105	59	50	0	60	43	0	0	0	0	0	0
500	61	0	75	49	62	0	72	49	70	0	82	49	48	0	55	40	0	0	0	0	0	0
600	79	0	91	69	81	0	90	71	84	0	90	78	66	0	71	61	0	0	0	0	0	0
700	93	0	102	83	96	0	102	85	91	0	93	89	76	0	79	75	0	0	0	0	0	0
800	101	0	106	94	103	0	109	98	104	0	106	102	88	0	91	86	0	0	0	0	0	0
900	116	0	119	111	119	0	123	113	114	0	117	112	97	0	99	96	0	0	0	0	0	0
1000	117	0	129	99	120	0	135	104	123	0	142	113	102	0	115	98	0	0	0	0	0	0
1100	117	0	143	85	119	0	141	95	146	0	166	131	105	0	121	86	0	0	0	0	0	0
1200	120	0	148	88	122	0	159	91	164	0	176	151	118	0	147	96	0	0	0	0	0	0
1300	89	3	138	49	89	3	166	47	176	0	187	155	68	3	163	7	0	0	0	0	0	0
1400	300	0	353	266	293	0	352	259	212	0	235	192	294	0	334	267	0	0	0	0	0	0
1500	264	0	300	221	260	0	290	228	205	0	218	190	253	0	289	237	0	0	0	0	0	0
1600	258	0	295	210	254	0	294	204	198	0	210	182	240	0	270	208	0	0	0	0	0	0
1700	234	0	270	185	233	0	278	183	189	0	196	182	219	0	238	197	0	0	0	0	0	0
1800	203	0	264	139	201	3	248	140	182	0	186	178	193	0	207	174	0	0	0	0	0	0
1900	200	3	262	116	197	0	252	121	182	0	192	174	190	0	210	177	0	0	0	0	0	0
2000	226	0	263	186	224	0	263	186	196	0	225	178	215	0	246	192	0	0	0	0	0	0
2100	235	0	264	172	234	0	274	201	201	0	232	179	222	0	252	190	0	0	0	0	0	0
2200	227	0	254	191	225	0	264	184	198	0	216	184	221	0	243	201	0	0	0	0	0	0
2300	216	0	251	178	216	0	243	173	198	0	222	180	220	0	254	205	0	0	0	0	0	0
2400	225	0	253	192	223	0	245	180	199	0	211	186	221	0	234	211	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	72	0	72	0	92	0	89	0	320	2	320	2	20	0	16	0	0	2	0	2	191	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	63	0	65	0	90	0	87	0	320	2	320	2	25	0	22	0	0	2	0	2	188	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	81	0	83	0	101	0	98	0	320	2	320	2	18	0	14	0	0	2	0	2	193	2	0	2	0	2	0	2	0	2	0	2	0	2	165	0
400	76	0	76	0	99	0	96	0	320	2	320	2	23	0	20	0	0	2	0	2	193	2	0	2	0	2	0	2	0	2	0	2	0	2	164	6
500	80	0	81	0	105	0	101	0	320	2	320	2	23	0	20	0	0	2	0	2	195	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	72	0	74	0	99	0	96	0	320	2	320	2	25	0	22	0	0	2	0	2	191	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	58	0	58	0	126	0	123	0	320	2	320	2	67	0	63	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
800	54	0	54	0	119	0	114	0	320	2	320	2	61	0	58	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
900	53	0	51	0	121	0	116	0	320	2	320	2	67	0	65	0	0	2	0	2	193	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1000	83	0	81	0	125	0	121	0	320	2	320	2	40	0	38	0	0	2	0	2	224	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1100	123	0	121	0	125	0	119	0	320	2	320	2	0	0	-4	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1200	177	0	173	0	171	0	162	0	320	2	320	2	-7	0	-11	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1300	227	0	218	0	218	0	209	0	320	2	320	2	-9	0	-9	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1400	215	0	213	0	198	0	189	0	320	2	320	2	-18	0	-23	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1500	207	0	206	0	204	0	195	0	320	2	320	2	-5	0	-11	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1600	213	0	211	0	202	0	195	0	320	2	320	2	-13	0	-16	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1700	198	0	198	0	193	0	188	0	320	2	320	2	-9	0	-11	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1800	197	0	195	0	191	0	186	0	320	2	320	2	-7	0	-11	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	191	0	189	0	184	0	180	0	320	2	320	2	-7	0	-11	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
2000	182	0	180	0	177	0	171	0	320	2	320	2	-7	0	-9	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	173	0	171	0	170	0	166	0	320	2	320	2	-5	0	-5	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	150	0	148	0	153	0	150	0	320	2	320	2	2	0	2	0	0	2	0	2	233	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	128	0	126	0	143	0	139	0	320	2	320	2	14	0	13	0	0	2	0	2	224	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	114	0	112	0	130	0	126	0	320	2	320	2	14	0	13	0	0	2	0	2	213	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0

STA[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]6	S
100	78	0	17	0	120	0	123	0	0	0	0	0	228	0	256	195	226	0	247	193	198	0	214	180	218	0	244	187	0	0	0	0	0	0
200	45	0	58	0	103	0	103	0	0	0	0	0	209	0	239	175	208	0	242	161	192	0	208	180	210	0	230	194	0	0	0	0	0	0
300	55	0	70	0	124	0	126	0	0	0	0	0	201	0	235	172	202	0	229	165	195	0	203	188	210	0	220	200	0	0	0	0	0	0
400	69	0	76	0	137	0	134	0	0	0	0	0	213	0	235	184	211	0	247	173	196	0	207	180	210	0	227	190	0	0	0	0	0	0
500	55	0	66	0	141	0	130	0	0	0	0	0	200	0	262	122	201	0	255	103	184	0	203	169	193	0	212	175	0	0	0	0	0	0
600	52	0	63	0	143	0	140	0	0	0	0	0	199	0	260	136	197	0	260	125	182	0	200	165	188	0	211	166	0	0	0	0	0	0
700	61	0	26	0	134	0	139	0	0	0	0	0	176	0	239	113	172	3	218	111	173	0	208	152	174	0	200	156	0	0	0	0	0	0
800	63	0	24	0	112	0	106	0	0	0	0	0	215	0	263	147	214	3	266	150	188	0	210	174	202	0	220	187	0	0	0	0	0	0
900	51	0	36	0	122	0	111	0	0	0	0	0	188	0	252	104	192	0	257	97	179	0	206	157	183	0	228	149	0	0	0	0	0	0
1000	36	0	41	0	87	0	91	0	0	0	0	0	189	0	268	97	191	0	261	102	179	0	196	159	183	0	209	153	0	0	0	0	0	0
1100	59	0	50	0	124	0	121	0	0	0	0	0	182	0	244	94	177	0	240	102	175	0	199	139	178	0	212	144	0	0	0	0	0	0
1200	63	0	62	0	135	0	129	0	0	0	0	0	186	0	265	96	187	0	256	92	176	0	198	151	180	0	212	140	0	0	0	0	0	0
1300	55	0	12	0	119	0	119	0	0	0	0	0	164	0	225	104	166	3	257	102	169	0	200	140	168	0	203	130	0	0	0	0	0	0
1400	55	0	17	0	115	0	112	0	0	0	0	0	191	0	264	106	196	3	264	99	179	0	196	152	185	0	210	156	0	0	0	0	0	0
1500	57	0	0	4	120	0	117	0	0	0	0	0	189	0	265	91	193	3	265	114	179	0	198	152	185	0	228	120	0	0	0	0	0	0
1600	56	0	0	4	95	0	95	0	0	0	0	0	213	0	259	106	212	3	260	155	185	0	202	165	199	0	225	162	0	0	0	0	0	0
1700	62	0	0	4	95	0	95	0	0	0	0	0	217	0	263	150	217	3	269	148	188	0	202	167	202	0	225	161	0	0	0	0	0	0
1800	46	0	8	0	81	0	83	0	0	0	0	0	218	0	266	145	217	3	267	146	188	0	202	173	204	0	228	177	0	0	0	0	0	0
1900	43	0	8	0	82	0	84	0	0	0	0	0	211	0	264	163	211	3	263	142	184	0	193	169	196	0	225	169	0	0	0	0	0	0
2000	56	0	24	0	88	0	88	0	0	0	0	0	220	0	262	165	217	3	252	159	189	0	207	179	206	0	231	177	0	0	0	0	0	0
2100	52	0	51	0	86	0	88	0	0	0	0	0	224	0	288	180	223	0	264	159	209	0	234	173	209	0	234	173	0	0	0	0	0	0
2200	48	0	52	0	77	0	79	0	0	0	0	0	230	0	298	194	229	0	290	197	224	0	252	196	224	0	252	196	0	0	0	0	0	0
2300	47	0	58	0	82	0	85	0	0	0	0	0	223	0	261	186	221	0	261	170	212	0	239	192	212	0	239	192	0	0	0	0	0	0
2400	106	0	111	0	158	0	160	0	0	0	0	0	251	0	287	219	248	0	286	207	242	0	262	219	242	0	262	219	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	116	0	114	0	121	0	117	0	320	2	320	2	4	0	2	0	0	2	0	2	215	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	94	0	94	0	108	0	105	0	320	2	320	2	11	0	11	0	0	2	0	2	206	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	54	0	53	0	92	0	89	0	320	2	320	2	36	0	34	0	0	2	0	2	186	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
400	56	0	54	0	87	0	81	0	320	2	320	2	29	0	27	0	0	2	0	2	184	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
500	47	0	45	0	63	0	60	0	320	2	320	2	14	0	13	0	0	2	0	2	180	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	38	0	38	0	47	0	44	0	320	2	320	2	7	0	5	0	0	2	0	2	177	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	45	0	41	0	45	0	42	0	320	2	320	2	2	0	-4	0	0	2	0	2	180	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
800	62	0	60	0	56	0	53	0	320	2	320	2	-7	0	-9	0	0	2	0	2	189	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
900	85	0	85	0	80	0	69	0	320	2	320	2	-13	0	-14	0	0	2	0	2	204	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1000	89	0	87	0	78	0	72	0	320	2	320	2	-14	0	-16	0	0	2	0	2	207	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1100	105	0	105	0	90	0	85	0	320	2	320	2	-18	0	-20	0	0	2	0	2	220	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1200	128	0	128	0	112	0	108	0	320	2	320	2	-18	0	-20	0	0	2	0	2	229	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1300	146	0	146	0	135	0	126	0	320	2	320	2	-16	0	-18	0	0	2	0	2	234	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1400	162	0	162	0	146	0	141	0	320	2	320	2	-18	0	-20	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1500	175	0	175	0	155	0	150	0	320	2	320	2	-22	0	-23	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1600	175	0	175	0	164	0	161	0	320	2	320	2	-13	0	-14	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1700	182	0	182	0	171	0	168	0	320	2	320	2	-13	0	-14	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1800	177	0	177	0	171	0	166	0	320	2	320	2	-7	0	-11	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	175	0	173	0	170	0	166	0	320	2	320	2	-7	0	-9	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2000	179	0	177	0	173	0	168	0	320	2	320	2	-7	0	-9	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	182	0	180	0	177	0	171	0	320	2	320	2	-7	0	-9	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	186	0	184	0	184	0	179	0	320	2	320	2	-5	0	-7	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	191	0	189	0	188	0	182	0	320	2	320	2	-7	0	-9	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	225	0	225	0	224	0	218	0	320	2	320	2	-5	0	-7	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK — METEOROLOGICAL DATA FOR JANUARY 28, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	81	0	96	0	107	0	127	0	0	0	0	0	284	0	330	241	282	0	322	246	276	0	305	237	276	0	305	237	0	0	0	0	0	0
200	112	0	124	0	143	0	159	0	0	0	0	0	304	0	334	279	297	0	324	265	293	0	308	283	293	0	308	283	0	0	0	0	0	0
300	112	0	125	0	149	0	162	0	0	0	0	0	314	0	347	272	307	0	344	273	305	0	324	283	305	0	324	283	0	0	0	0	0	0
400	114	0	130	0	150	0	159	0	0	0	0	0	310	0	347	278	305	0	333	273	303	0	317	291	303	0	317	291	0	0	0	0	0	0
500	93	0	113	0	134	0	151	0	0	0	0	0	318	0	0	279	315	0	345	286	311	0	334	290	311	0	334	290	0	0	0	0	0	0
600	103	0	120	0	140	0	147	0	0	0	0	0	312	0	349	271	306	0	336	281	306	0	316	299	306	0	316	299	0	0	0	0	0	0
700	91	0	112	0	131	0	144	0	0	0	0	0	313	0	355	272	307	0	354	258	304	0	326	286	304	0	326	286	0	0	0	0	0	0
800	87	0	104	0	123	0	134	0	0	0	0	0	305	0	338	275	301	0	329	274	297	0	313	279	297	0	313	279	0	0	0	0	0	0
900	62	0	82	0	111	0	125	0	0	0	0	0	326	0	22	285	325	0	6	279	320	0	337	277	320	0	337	277	0	0	0	0	0	0
1000	121	0	19	0	149	0	171	0	0	0	0	0	298	0	332	255	293	0	325	247	286	0	307	266	286	0	307	266	0	0	0	0	0	0
1100	98	0	112	0	131	0	145	0	0	0	0	0	300	0	330	275	295	0	324	266	293	0	309	282	293	0	309	282	0	0	0	0	0	0
1200	121	0	136	0	174	0	182	0	0	0	0	0	313	0	338	265	310	0	338	273	308	0	323	290	308	0	323	290	0	0	0	0	0	0
1300	122	0	137	0	168	0	174	0	0	0	0	0	313	0	342	272	309	0	333	257	306	0	318	298	306	0	318	298	0	0	0	0	0	0
1400	105	0	46	0	138	0	153	0	0	0	0	0	300	0	348	279	295	0	320	270	294	0	317	276	294	0	317	276	0	0	0	0	0	0
1500	83	0	25	0	94	0	116	0	0	0	0	0	297	0	322	272	290	0	316	256	284	0	291	264	284	0	291	264	0	0	0	0	0	0
1600	99	0	25	0	109	0	130	0	0	0	0	0	296	0	328	263	290	0	320	257	281	0	297	244	281	0	297	244	0	0	0	0	0	0
1700	62	0	17	0	83	0	103	0	0	0	0	0	283	0	321	224	279	3	320	229	271	0	305	238	271	0	305	238	0	0	0	0	0	0
1800	39	0	56	0	44	0	63	0	0	0	0	0	298	0	316	258	295	0	321	273	282	0	298	245	282	0	298	245	0	0	0	0	0	0
1900	16	0	34	0	38	0	53	0	0	0	0	0	275	0	315	233	274	0	311	223	270	0	294	246	270	0	294	246	0	0	0	0	0	0
2000	26	0	43	0	31	0	40	0	0	0	0	0	203	0	240	171	202	0	239	158	221	0	256	179	221	0	256	179	0	0	0	0	0	0
2100	42	0	50	0	104	0	96	0	0	0	0	0	203	0	237	157	199	0	242	139	185	0	187	183	195	0	201	189	0	0	0	0	0	0
2200	30	0	28	0	71	0	81	0	0	0	0	0	151	0	204	118	155	0	215	130	175	0	180	169	173	0	189	160	0	0	0	0	0	0
2300	32	0	44	0	106	0	117	0	0	0	0	0	162	0	210	111	163	0	195	130	174	0	180	169	174	0	183	166	0	0	0	0	0	0
2400	47	0	12	0	144	0	138	0	0	0	0	0	199	0	241	147	203	3	244	114	184	0	199	172	192	0	206	178	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	245	0	245	0	240	0	234	0	320	2	320	2	-9	0	-11	0	0	2	0	2	281	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	265	0	263	0	260	0	254	0	320	2	320	2	-7	0	-9	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	274	0	272	0	269	0	263	0	320	2	320	2	-7	0	-9	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
400	279	0	281	0	276	0	270	0	320	2	320	2	-7	0	-9	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
500	285	0	285	0	281	0	276	0	320	2	320	2	-7	0	-9	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
600	288	0	287	0	283	0	279	0	320	2	320	2	-7	0	-9	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
700	288	0	287	0	283	0	278	0	320	2	320	2	-7	0	-9	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
800	287	0	285	0	281	0	279	0	320	2	320	2	-5	0	-9	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
900	287	0	287	0	281	0	279	0	320	2	320	2	-7	0	-9	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1000	283	0	281	0	278	0	274	0	320	2	320	2	-7	0	-11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1100	281	0	281	0	272	0	267	0	320	2	320	2	-11	0	-13	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1200	278	0	276	0	269	0	263	0	320	2	320	2	-9	0	-13	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1300	281	0	281	0	274	0	269	0	320	2	320	2	-11	0	-13	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1400	296	0	296	0	278	0	272	0	320	2	320	2	-22	0	-25	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1500	283	0	283	0	272	0	267	0	320	2	320	2	-14	0	-18	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1600	281	0	279	0	274	0	269	0	320	2	320	2	-11	0	-13	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1700	287	0	285	0	279	0	274	0	320	2	320	2	-9	0	-11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	163	0
1800	272	0	274	0	272	0	269	0	320	2	320	2	-4	0	-5	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	260	0	261	0	272	0	269	0	320	2	320	2	11	0	9	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2000	251	0	249	0	267	0	263	0	320	2	320	2	14	0	13	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
2100	229	0	227	0	265	0	261	0	320	2	320	2	34	0	32	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	206	0	206	0	254	0	249	0	320	2	320	2	47	0	41	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2300	198	0	198	0	243	0	238	0	320	2	320	2	43	0	40	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2400	188	0	188	0	220	0	215	0	320	2	320	2	29	0	27	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0

SI[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	38	0	29	0	96	0	111	0	0	0	0	0	139	0	173	118	141	0	167	119	164	0	170	156	156	0	165	147	0	0	0	0	0	0
200	38	0	63	0	109	0	123	0	0	0	0	0	137	0	181	116	140	0	166	117	157	0	168	149	143	0	153	131	0	0	0	0	0	0
300	35	0	12	0	110	0	128	0	0	0	0	0	153	0	187	124	156	0	204	128	165	0	172	159	160	0	170	149	0	0	0	0	0	0
400	90	0	109	0	147	0	162	0	0	0	0	0	126	0	143	112	128	0	146	110	135	0	146	123	127	0	136	116	0	0	0	0	0	0
500	74	0	15	2	133	0	147	0	0	0	0	0	128	0	149	111	132	0	157	111	142	0	162	127	133	0	144	116	0	0	0	0	0	0
600	88	0	42	2	156	0	171	0	0	0	0	0	134	0	163	107	137	0	176	109	141	0	154	124	136	0	154	117	0	0	0	0	0	0
700	96	0	123	2	166	0	178	0	0	0	0	0	132	0	182	108	137	0	172	118	138	0	157	124	132	0	160	114	0	0	0	0	0	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1000	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1200	134	0	7	2	170	0	186	0	0	0	0	0	121	0	145	102	123	0	155	102	126	0	146	106	119	0	138	98	0	0	0	0	0	0
1300	188	0	50	2	219	0	226	0	0	0	0	0	116	0	142	97	120	0	145	84	113	0	137	94	108	0	130	86	0	0	0	0	0	0
1400	161	0	99	2	198	0	215	0	0	0	0	0	124	0	148	95	128	0	155	103	120	0	142	88	120	0	137	103	0	0	0	0	0	0
1500	160	0	168	0	194	0	214	0	0	0	0	0	125	0	155	100	128	0	151	106	121	0	142	100	122	0	136	104	0	0	0	0	0	0
1600	138	0	166	0	175	0	197	0	0	0	0	0	127	0	156	101	130	0	153	103	126	0	150	109	125	0	141	105	0	0	0	0	0	0
1700	143	0	162	0	170	0	189	0	0	0	0	0	124	0	158	105	128	0	151	99	124	0	145	97	122	0	139	105	0	0	0	0	0	0
1800	114	0	139	0	160	0	176	0	0	0	0	0	128	0	156	105	131	0	163	99	132	0	152	103	128	0	143	112	0	0	0	0	0	0
1900	105	0	129	0	135	0	153	0	0	0	0	0	128	0	149	106	129	0	147	112	131	0	157	110	125	0	140	107	0	0	0	0	0	0
2000	89	0	114	0	118	0	134	0	0	0	0	0	130	0	152	113	135	0	158	114	136	0	158	111	128	0	148	113	0	0	0	0	0	0
2100	45	0	70	0	87	0	99	0	0	0	0	0	135	0	163	98	140	0	181	114	150	0	166	138	141	0	155	129	0	0	0	0	0	0
2200	28	0	49	0	61	0	76	0	0	0	0	0	148	0	175	113	151	0	190	114	164	0	182	148	158	0	177	140	0	0	0	0	0	0
2300	47	0	56	0	74	0	74	0	0	0	0	0	223	0	265	168	222	0	268	167	193	0	218	169	212	0	249	183	0	0	0	0	0	0
2400	184	0	209	0	229	0	264	0	0	0	0	0	269	0	293	238	266	0	287	237	242	0	249	235	258	0	263	253	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	175	0	175	0	198	0	193	0	320	2	320	2	22	0	18	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
200	180	0	180	0	200	0	197	0	320	2	320	2	18	0	16	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	184	0	184	0	204	0	200	0	320	2	320	2	18	0	14	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
400	191	0	191	0	202	0	198	0	320	2	320	2	9	0	5	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
500	206	0	204	0	207	0	202	0	320	2	320	2	0	0	-2	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
600	227	0	225	0	225	0	220	0	320	2	320	2	-5	0	-7	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
700	242	0	240	0	236	0	233	0	320	2	320	2	-5	0	-9	0	0	2	0	2	278	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	6
900	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	267	0	267	0	263	0	258	0	320	2	320	2	-5	0	-9	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1300	276	0	274	0	269	0	265	0	320	2	320	2	-7	0	-11	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1400	287	0	285	0	279	0	276	0	320	2	320	2	-7	0	-11	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1500	287	0	287	0	281	0	278	0	320	2	320	2	-7	0	-11	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1600	297	0	297	0	292	0	287	0	320	2	320	2	-7	0	-11	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1700	301	0	301	0	294	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1800	308	0	306	0	303	0	297	0	320	2	320	2	-7	0	-11	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
1900	310	0	308	0	305	0	299	0	320	2	320	2	-7	0	-9	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2000	312	0	312	0	308	0	303	0	320	2	320	2	-5	0	-7	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	165	0
2100	314	0	312	0	312	0	306	0	320	2	320	2	-4	0	-7	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	167	0
2200	314	0	312	0	312	0	306	0	320	2	320	2	-4	0	-7	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	170	0
2300	322	0	317	0	320	0	315	0	320	2	320	2	0	0	-2	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	173	0
2400	327	0	327	0	325	0	322	0	320	2	320	2	-4	0	-7	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	177	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	190	0	205	0	224	0	244	0	0	0	0	0	269	0	309	243	265	0	303	238	247	0	272	206	265	0	286	251	0	0	0	0	0	0
200	192	0	207	0	233	0	256	0	0	0	0	0	269	0	295	243	266	0	290	232	249	0	276	222	264	0	302	246	0	0	0	0	0	0
300	156	0	172	0	200	0	224	0	0	0	0	0	274	0	304	228	270	0	305	230	246	0	281	186	267	0	307	225	0	0	0	0	0	0
400	157	0	178	0	194	0	214	0	0	0	0	0	274	0	312	234	271	0	320	240	252	0	311	201	270	0	301	236	0	0	0	0	0	0
500	137	0	153	0	171	0	188	0	0	0	0	0	278	0	325	237	276	0	310	245	250	0	310	190	275	0	312	242	0	0	0	0	0	0
600	169	0	186	0	210	0	236	0	0	0	0	0	292	0	333	250	287	0	326	241	263	0	300	203	283	0	295	253	0	0	0	0	0	0
700	173	0	185	0	226	0	252	0	0	0	0	0	295	0	327	269	289	0	317	256	270	0	294	230	286	0	300	274	0	0	0	0	0	0
800	182	0	192	0	243	0	267	0	0	0	0	0	301	0	332	274	296	0	319	265	276	0	286	266	293	0	299	288	0	0	0	0	0	0
900	185	0	205	0	250	0	258	0	0	0	0	0	307	0	328	283	304	0	320	268	284	0	301	269	300	0	308	295	0	0	0	0	0	0
1000	168	0	189	0	252	0	272	0	0	0	0	0	326	0	7	275	322	0	358	256	308	0	335	277	319	0	333	301	0	0	0	0	0	0
1100	164	0	17	2	267	0	276	0	0	0	0	0	328	0	19	284	320	3	357	239	310	0	2	271	320	0	335	302	0	0	0	0	0	0
1200	179	0	192	0	280	0	280	0	0	0	0	0	314	0	344	273	311	0	9	279	299	0	325	276	310	0	324	301	0	0	0	0	0	0
1300	206	0	220	0	305	0	317	0	0	0	0	0	311	0	345	263	307	0	341	258	302	0	332	285	310	0	319	300	0	0	0	0	0	0
1400	213	0	226	0	318	0	318	0	0	0	0	0	315	0	344	291	312	0	337	269	303	0	327	280	312	0	337	301	0	0	0	0	0	0
1500	202	0	64	2	310	0	330	0	0	0	0	0	314	0	345	277	311	0	337	271	303	0	318	265	313	0	324	301	0	0	0	0	0	0
1600	188	0	208	0	288	0	309	0	0	0	0	0	323	0	0	289	318	0	353	275	306	0	331	275	316	0	331	296	0	0	0	0	0	0
1700	182	0	209	0	285	0	310	0	0	0	0	0	323	0	8	291	319	0	349	282	310	0	323	289	318	0	325	307	0	0	0	0	0	0
1800	177	0	198	0	300	0	325	0	0	0	0	0	328	0	9	286	326	0	13	275	314	0	357	279	322	0	335	313	0	0	0	0	0	0
1900	161	0	189	0	276	0	293	0	0	0	0	0	334	0	14	285	330	0	6	286	316	0	348	277	323	0	342	303	0	0	0	0	0	0
2000	145	0	164	0	245	0	264	0	0	0	0	0	331	0	6	279	328	0	358	282	312	0	19	282	323	0	337	310	0	0	0	0	0	0
2100	175	0	129	0	277	0	298	0	0	0	0	0	321	0	356	270	316	0	352	281	307	0	335	263	317	0	327	299	0	0	0	0	0	0
2200	169	0	179	0	269	0	291	0	0	0	0	0	319	0	357	279	312	0	337	236	303	0	327	288	313	0	330	302	0	0	0	0	0	0
2300	164	0	177	0	266	0	287	0	0	0	0	0	322	0	359	275	315	0	348	280	306	0	330	287	316	0	327	307	0	0	0	0	0	0
2400	156	0	172	0	264	0	289	0	0	0	0	0	325	0	5	289	322	0	3	284	310	0	336	279	320	0	351	293	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	327	0	329	0	320	0	315	0	320	2	320	2	-9	0	-11	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	183	0
200	327	0	327	0	322	0	322	0	320	2	320	2	-7	0	-9	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	190	0
300	327	0	327	0	322	0	322	0	320	2	320	2	-7	0	-9	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	194	0
400	327	0	327	0	324	0	322	0	320	2	320	2	-7	0	-9	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	198	0
500	327	0	325	0	320	0	315	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	202	0
600	327	0	327	0	322	0	317	0	320	2	320	2	-7	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	204	0
700	322	0	322	0	315	0	312	0	320	2	320	2	-7	0	-9	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	206	0
800	324	0	322	0	317	0	314	0	320	2	320	2	-7	0	-9	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	207	0
900	315	0	314	0	308	0	303	0	320	2	320	2	-9	0	-11	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	209	0
1000	312	0	310	0	303	0	299	0	320	2	320	2	-9	0	-13	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1100	315	0	314	0	306	0	301	0	320	2	320	2	-11	0	-13	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1200	303	0	303	0	297	0	290	0	320	2	320	2	-9	0	-13	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1300	299	0	297	0	290	0	287	0	320	2	320	2	-9	0	-13	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1400	297	0	297	0	292	0	288	0	320	2	320	2	-7	0	-11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1500	294	0	294	0	287	0	283	0	320	2	320	2	-9	0	-11	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
1600	292	0	290	0	287	0	281	0	320	2	320	2	-7	0	-11	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1700	296	0	294	0	290	0	285	0	320	2	320	2	-7	0	-9	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1800	305	0	303	0	299	0	296	0	320	2	320	2	-7	0	-9	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1900	312	0	310	0	306	0	303	0	320	2	320	2	-5	0	-9	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2000	322	0	315	0	314	0	310	0	320	2	320	2	-5	0	-7	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2100	325	0	325	0	324	0	320	0	320	2	320	2	-4	0	-7	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2200	327	0	327	0	325	0	322	0	320	2	320	2	-4	0	-5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2300	327	0	327	0	327	0	324	0	320	2	320	2	-4	0	-5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2400	327	0	327	0	327	0	324	0	320	2	320	2	-4	0	-5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JANUARY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	147	0	162	0	233	0	254	0	0	0	0	0	327	0	13	275	322	0	6	285	307	0	346	286	319	0	333	299	0	0	0	0	0	0
200	211	0	229	0	272	0	274	0	0	0	0	0	311	0	333	287	307	0	325	274	290	0	300	275	303	0	309	285	0	0	0	0	0	0
300	151	0	170	0	224	0	243	0	0	0	0	0	316	0	342	260	312	0	337	266	297	0	316	279	311	0	321	300	0	0	0	0	0	0
400	168	0	179	0	235	0	258	0	0	0	0	0	320	0	354	287	314	0	347	287	301	0	315	284	313	0	323	306	0	0	0	0	0	0
500	137	0	124	0	218	0	236	0	0	0	0	0	320	0	2	290	314	0	340	276	298	0	323	264	314	0	325	295	0	0	0	0	0	0
600	101	0	97	0	157	0	176	0	0	0	0	0	329	0	17	289	322	0	6	284	298	0	337	232	322	0	341	302	0	0	0	0	0	0
700	98	0	114	0	153	0	173	0	0	0	0	0	327	0	10	282	323	0	9	284	298	0	321	280	322	0	343	314	0	0	0	0	0	0
800	84	0	50	0	120	0	138	0	0	0	0	0	338	0	11	287	332	0	38	291	292	0	331	209	327	0	348	284	0	0	0	0	0	0
900	83	0	46	0	110	0	126	0	0	0	0	0	317	0	340	279	311	0	338	267	274	0	292	263	312	0	324	303	0	0	0	0	0	0
1000	55	0	55	0	83	0	98	0	0	0	0	0	340	0	21	301	336	0	6	287	276	0	310	225	331	0	347	310	0	0	0	0	0	0
1100	51	0	67	0	74	0	89	0	0	0	0	0	310	0	19	277	303	0	357	259	240	0	272	189	298	0	330	282	0	0	0	0	0	0
1200	33	0	49	0	46	0	61	0	0	0	0	0	310	0	351	270	303	0	348	266	217	0	238	173	301	0	338	279	0	0	0	0	0	0
1300	46	0	59	0	58	0	67	0	0	0	0	0	258	0	299	217	253	0	293	207	203	0	221	189	246	0	267	207	0	0	0	0	0	0
1400	63	0	73	0	79	0	85	0	0	0	0	0	294	0	294	224	250	0	273	210	206	0	218	197	243	0	269	228	0	0	0	0	0	0
1500	32	0	48	0	31	0	40	0	0	0	0	0	268	0	302	233	264	0	309	227	193	0	206	181	242	0	271	213	0	0	0	0	0	0
1600	31	0	43	0	47	0	54	0	0	0	0	0	243	0	278	196	239	0	267	197	187	0	203	177	213	0	256	179	0	0	0	0	0	0
1700	36	0	47	0	71	0	77	0	0	0	0	0	187	0	267	97	182	0	254	97	179	0	194	160	183	0	212	145	0	0	0	0	0	0
1800	33	0	48	0	75	0	87	0	0	0	0	0	174	0	231	98	177	0	265	99	177	0	186	163	176	0	205	156	0	0	0	0	0	0
1900	41	0	55	0	89	0	96	0	0	0	0	0	176	0	253	100	178	0	246	120	176	0	197	153	178	0	201	155	0	0	0	0	0	0
2000	47	0	64	0	107	0	115	0	0	0	0	0	175	0	239	111	177	0	256	112	175	0	193	160	176	0	232	154	0	0	0	0	0	0
2100	56	0	71	0	118	0	121	0	0	0	0	0	175	0	256	100	173	0	258	114	170	0	200	140	168	0	195	148	0	0	0	0	0	0
2200	62	0	74	0	123	0	128	0	0	0	0	0	181	0	262	105	181	0	257	105	176	0	202	145	179	0	209	159	0	0	0	0	0	0
2300	61	0	75	0	128	0	139	0	0	0	0	0	173	0	265	95	173	0	257	122	171	0	196	144	170	0	209	145	0	0	0	0	0	0
2400	79	0	97	0	160	0	168	0	0	0	0	0	180	0	237	104	179	0	226	123	172	0	203	150	174	0	201	144	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	327	0	327	0	325	0	322	0	320	2	320	2	-4	0	-7	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
200	322	0	320	0	317	0	312	0	320	2	320	2	-5	0	-7	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
300	320	0	322	0	315	0	312	0	320	2	320	2	-5	0	-7	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
400	317	0	315	0	314	0	308	0	320	2	320	2	-5	0	-7	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
500	306	0	305	0	303	0	297	0	320	2	320	2	-7	0	-9	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
600	301	0	301	0	297	0	292	0	320	2	320	2	-7	0	-9	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	299	0	299	0	296	0	290	0	320	2	320	2	-7	0	-9	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
800	297	0	296	0	292	0	287	0	320	2	320	2	-7	0	-9	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
900	299	0	297	0	294	0	288	0	320	2	320	2	-7	0	-11	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1000	303	0	301	0	296	0	290	0	320	2	320	2	-9	0	-11	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1100	315	0	312	0	301	0	296	0	320	2	320	2	-14	0	-18	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1200	327	0	325	0	314	0	306	0	320	2	320	2	-14	0	-20	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
1300	322	0	315	0	303	0	296	0	320	2	320	2	-16	0	-20	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1400	305	0	303	0	287	0	279	0	320	2	320	2	-20	0	-23	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1500	310	0	308	0	301	0	292	0	320	2	320	2	-13	0	-16	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1600	312	0	308	0	303	0	296	0	320	2	320	2	-9	0	-14	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1700	306	0	305	0	297	0	292	0	320	2	320	2	-13	0	-14	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1800	288	0	288	0	290	0	287	0	320	2	320	2	0	0	-4	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1900	285	0	283	0	283	0	279	0	320	2	320	2	-4	0	-7	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2000	283	0	281	0	279	0	276	0	320	2	320	2	-5	0	-7	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2100	287	0	285	0	285	0	279	0	320	2	320	2	-7	0	-9	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2200	294	0	292	0	292	0	288	0	320	2	320	2	-4	0	-5	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2300	310	0	308	0	306	0	303	0	320	2	320	2	-4	0	-7	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2400	320	0	320	0	320	0	314	0	320	2	320	2	-4	0	-5	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	71	0	82	0	147	0	141	0	0	0	0	0	189	0	264	110	186	0	267	102	177	0	201	149	183	0	218	151	0	0	0	0	0	0
200	78	0	90	0	165	0	156	0	0	0	0	0	198	0	261	125	195	0	253	118	183	0	217	149	190	0	216	169	0	0	0	0	0	0
300	103	0	102	0	191	0	179	0	0	0	0	0	205	0	262	91	205	0	261	139	186	0	236	140	194	0	223	167	0	0	0	0	0	0
400	119	0	118	0	177	0	163	0	0	0	0	0	223	0	293	181	222	0	284	184	193	0	248	163	204	0	237	180	0	0	0	0	0	0
500	87	0	90	0	151	0	143	0	0	0	0	0	214	0	266	91	215	0	266	129	190	0	214	146	202	0	230	169	0	0	0	0	0	0
600	111	0	106	0	166	0	157	0	0	0	0	0	230	0	278	180	230	0	279	186	200	0	234	170	216	0	247	182	0	0	0	0	0	0
700	128	0	124	0	209	0	198	0	0	0	0	0	236	0	274	189	234	0	271	192	208	0	236	179	223	0	242	189	0	0	0	0	0	0
800	154	0	141	0	229	0	220	0	0	0	0	0	245	0	276	216	242	0	281	203	218	0	238	203	234	0	252	216	0	0	0	0	0	0
900	135	0	126	0	220	0	204	0	0	0	0	0	242	0	286	209	239	0	291	213	215	0	245	188	228	0	250	195	0	0	0	0	0	0
1000	113	0	107	0	182	0	168	0	0	0	0	0	243	0	281	215	238	0	270	214	214	0	246	200	232	0	246	223	0	0	0	0	0	0
1100	112	0	111	0	185	0	174	0	0	0	0	0	242	0	278	184	240	0	268	195	214	0	234	189	231	0	250	212	0	0	0	0	0	0
1200	108	0	108	0	190	0	182	0	0	0	0	0	241	0	276	199	242	0	305	211	216	0	253	180	232	0	257	213	0	0	0	0	0	0
1300	110	0	105	0	166	0	156	0	0	0	0	0	241	0	273	197	238	0	272	188	209	0	232	180	228	0	240	195	0	0	0	0	0	0
1400	99	0	101	0	175	0	176	0	0	0	0	0	244	0	289	213	241	0	283	204	218	0	231	194	238	0	267	225	0	0	0	0	0	0
1500	112	0	111	0	164	0	168	0	0	0	0	0	246	0	273	212	245	0	269	211	217	0	236	191	238	0	255	223	0	0	0	0	0	0
1600	75	0	77	0	123	0	121	0	0	0	0	0	242	0	276	216	236	0	273	183	205	0	219	174	230	0	245	216	0	0	0	0	0	0
1700	81	0	84	0	130	0	128	0	0	0	0	0	235	0	284	196	231	0	269	120	196	0	220	175	215	0	242	188	0	0	0	0	0	0
1800	27	0	45	0	75	0	78	0	0	0	0	0	179	0	228	116	183	0	242	137	185	0	202	170	196	0	222	170	0	0	0	0	0	0
1900	64	0	71	0	119	0	118	0	0	0	0	0	219	0	259	176	218	0	253	165	193	0	219	165	211	0	236	178	0	0	0	0	0	0
2000	109	0	109	0	187	0	180	0	0	0	0	0	234	0	267	211	235	0	302	199	207	0	237	175	222	0	240	194	0	0	0	0	0	0
2100	110	0	106	0	188	0	173	0	0	0	0	0	244	0	282	197	238	0	278	200	211	0	237	179	228	0	245	209	0	0	0	0	0	0
2200	125	0	120	0	197	0	197	0	0	0	0	0	245	0	269	210	244	0	281	213	218	0	229	202	235	0	245	222	0	0	0	0	0	0
2300	104	0	106	0	171	0	180	0	0	0	0	0	251	0	288	219	248	0	284	211	221	0	230	208	241	0	247	232	0	0	0	0	0	0
2400	101	0	100	0	166	0	173	0	0	0	0	0	246	0	278	205	243	0	280	202	217	0	227	196	237	0	245	226	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	336	0	334	0	334	0	329	0	320	2	320	2	-4	0	-5	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
200	352	0	351	0	352	0	347	0	320	2	320	2	-2	0	-5	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
300	365	0	363	0	367	0	361	0	320	2	320	2	0	0	2	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
400	369	0	367	0	369	0	365	0	320	2	320	2	2	0	-4	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
500	370	0	369	0	370	0	367	0	320	2	320	2	2	0	-4	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
600	376	0	376	0	376	0	372	0	320	2	320	2	-2	0	-5	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	372	0	370	0	374	0	370	0	320	2	320	2	0	0	2	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
800	363	0	361	0	372	0	367	0	320	2	320	2	7	0	5	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
900	367	0	365	0	370	0	365	0	320	2	320	2	2	0	0	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1000	369	0	369	0	370	0	365	0	320	2	320	2	2	0	-4	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1100	374	0	374	0	374	0	367	0	320	2	320	2	-4	0	-7	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1200	378	0	378	0	376	0	372	0	320	2	320	2	-4	0	-5	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1300	383	0	381	0	379	0	374	0	320	2	320	2	-5	0	-9	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1400	370	0	369	0	374	0	369	0	320	2	320	2	2	0	2	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
1500	381	0	381	0	383	0	378	0	320	2	320	2	0	0	-4	0	0	2	0	2	356	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1600	408	0	406	0	410	0	405	0	320	2	320	2	0	0	-4	0	0	2	0	2	363	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1700	421	0	419	0	419	0	414	0	320	2	320	2	-4	0	-5	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1800	379	0	378	0	385	0	379	0	320	2	320	2	5	0	2	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1900	369	0	367	0	379	0	376	0	320	2	320	2	11	0	9	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2000	367	0	365	0	370	0	365	0	320	2	320	2	2	0	0	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2100	365	0	363	0	370	0	367	0	320	2	320	2	4	0	4	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2200	345	0	343	0	354	0	349	0	320	2	320	2	7	0	5	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2300	334	0	333	0	342	0	338	0	320	2	320	2	5	0	4	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2400	331	0	329	0	340	0	334	0	320	2	320	2	7	0	5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0

S[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	81	0	83	0	124	0	125	0	0	0	0	0	247	0	274	216	242	0	266	216	221	0	229	209	248	0	256	240	0	0	0	0	0	0
200	73	0	83	0	116	0	136	0	0	0	0	0	258	0	283	237	252	0	275	233	235	0	249	208	268	0	279	242	0	0	0	0	0	0
300	87	0	99	0	133	0	154	0	0	0	0	0	294	0	326	264	289	0	312	229	256	0	267	229	289	0	299	277	0	0	0	0	0	0
400	68	0	80	0	106	0	124	0	0	0	0	0	296	0	322	270	289	0	316	259	248	0	263	242	292	0	299	263	0	0	0	0	0	0
500	57	0	67	0	78	0	96	0	0	0	0	0	253	0	274	227	248	0	268	202	222	0	229	212	265	0	273	254	0	0	0	0	0	0
600	35	0	56	0	49	0	67	0	0	0	0	0	267	0	293	248	263	0	284	246	213	0	233	188	276	0	294	245	0	0	0	0	0	0
700	61	0	67	0	89	0	94	0	0	0	0	0	239	0	274	206	236	0	268	202	206	0	215	191	237	0	250	215	0	0	0	0	0	0
800	55	0	63	0	93	0	94	0	0	0	0	0	227	0	290	196	227	0	260	184	201	0	213	188	228	0	242	208	0	0	0	0	0	0
900	41	0	55	0	89	0	91	0	0	0	0	0	209	0	249	176	209	0	236	169	198	0	205	190	224	0	235	211	0	0	0	0	0	0
1000	42	0	34	0	79	0	74	0	0	0	0	0	221	0	261	173	221	0	270	183	192	0	209	173	215	0	241	174	0	0	0	0	0	0
1100	57	0	62	0	84	0	88	0	0	0	0	0	233	0	317	188	231	0	317	195	192	0	221	162	214	0	255	147	0	0	0	0	0	0
1200	21	0	37	0	47	0	56	0	0	0	0	0	174	3	265	95	173	0	258	105	177	0	194	163	177	0	259	136	0	0	0	0	0	0
1300	29	0	40	0	62	0	63	0	0	0	0	0	190	3	255	105	188	0	259	119	179	0	190	162	180	0	239	112	0	0	0	0	0	0
1400	45	0	57	0	99	0	96	0	0	0	0	0	189	0	246	104	192	0	268	119	180	0	196	156	185	0	208	160	0	0	0	0	0	0
1500	53	0	62	0	111	0	111	0	0	0	0	0	191	0	260	98	196	0	261	122	179	0	195	157	186	0	216	155	0	0	0	0	0	0
1600	61	0	70	0	131	0	127	0	0	0	0	0	187	0	261	95	185	0	253	91	177	0	197	146	181	0	216	134	0	0	0	0	0	0
1700	66	0	83	0	151	0	146	0	0	0	0	0	186	0	245	119	180	0	229	129	178	0	198	157	182	0	214	156	0	0	0	0	0	0
1800	99	0	101	0	177	0	164	0	0	0	0	0	209	0	262	127	209	0	267	135	188	0	224	166	197	0	225	170	0	0	0	0	0	0
1900	134	0	132	0	216	0	199	0	0	0	0	0	219	0	267	163	218	0	263	178	198	0	227	170	208	0	225	182	0	0	0	0	0	0
2000	168	0	152	0	262	0	243	0	0	0	0	0	245	0	276	196	242	0	273	195	219	0	242	188	230	0	255	211	0	0	0	0	0	0
2100	183	0	162	0	282	0	267	0	0	0	0	0	245	0	287	223	240	0	274	203	222	0	237	192	233	0	242	212	0	0	0	0	0	0
2200	161	0	142	0	256	0	233	0	0	0	0	0	243	0	277	209	239	0	283	199	217	0	243	187	230	0	243	208	0	0	0	0	0	0
2300	173	0	171	0	277	0	284	0	0	0	0	0	250	0	280	208	247	0	280	207	229	0	239	219	241	0	246	235	0	0	0	0	0	0
2400	163	0	176	0	257	0	289	0	0	0	0	0	263	0	298	217	259	0	282	232	244	0	260	235	258	0	267	248	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	327	0	325	0	340	0	336	0	320	2	320	2	11	0	9	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
200	329	0	327	0	351	0	347	0	320	2	320	2	22	0	22	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
300	351	0	349	0	356	0	351	0	320	2	320	2	4	0	2	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
400	345	0	345	0	351	0	345	0	320	2	320	2	4	0	0	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
500	329	0	329	0	343	0	340	0	320	2	320	2	13	0	13	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
600	324	0	324	0	338	0	334	0	320	2	320	2	13	0	11	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	314	0	312	0	327	0	324	0	320	2	320	2	13	0	11	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
800	305	0	303	0	312	0	306	0	320	2	320	2	5	0	4	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
900	288	0	287	0	310	0	305	0	320	2	320	2	20	0	18	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1000	322	0	322	0	315	0	308	0	320	2	320	2	-9	0	-11	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1100	356	0	354	0	343	0	336	0	320	2	320	2	-13	0	-16	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
1200	372	0	367	0	340	0	333	0	320	2	320	2	-32	0	-34	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1300	397	0	394	0	367	0	360	0	320	2	320	2	-32	0	-34	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1400	410	0	406	0	387	0	381	0	320	2	320	2	-23	0	-27	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1500	428	0	426	0	403	0	396	0	320	2	320	2	-27	0	-31	0	0	2	0	2	379	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1600	408	0	406	0	397	0	392	0	320	2	320	2	-13	0	-14	0	0	2	0	2	363	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1700	392	0	390	0	388	0	383	0	320	2	320	2	-5	0	-7	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1800	392	0	390	0	396	0	390	0	320	2	320	2	2	0	2	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1900	399	0	397	0	399	0	396	0	320	2	320	2	0	0	-2	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2000	376	0	374	0	383	0	378	0	320	2	320	2	5	0	4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2100	372	0	369	0	385	0	381	0	320	2	320	2	13	0	13	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2200	376	0	374	0	383	0	379	0	320	2	320	2	9	0	7	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2300	372	0	370	0	388	0	383	0	320	2	320	2	16	0	14	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2400	365	0	363	0	392	0	387	0	320	2	320	2	25	0	25	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY 3, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	140	0	158	0	194	0	220	0	0	0	0	0	289	0	342	253	284	0	320	246	257	0	287	222	278	0	307	244	0	0	0	0	0	0
200	188	0	218	0	281	0	293	0	0	0	0	0	309	0	331	259	304	0	333	276	287	0	301	277	300	0	304	295	0	0	0	0	0	0
300	205	0	223	0	294	0	308	0	0	0	0	0	305	0	333	269	300	0	324	274	286	0	304	276	299	0	305	291	0	0	0	0	0	0
400	251	0	260	0	321	0	311	0	0	0	0	0	311	0	328	290	305	0	332	275	294	0	312	280	303	0	309	296	0	0	0	0	0	0
500	317	0	332	0	283	0	281	0	0	0	0	0	314	0	337	285	309	0	338	286	295	0	310	281	305	0	313	298	0	0	0	0	0	0
600	133	0	148	0	227	0	241	0	0	0	0	0	345	0	21	305	339	0	9	286	326	0	354	295	335	0	350	313	0	0	0	0	0	0
700	145	0	156	0	210	0	220	0	0	0	0	0	349	0	21	312	343	0	20	304	326	0	353	297	338	0	359	325	0	0	0	0	0	0
800	127	0	139	0	209	0	211	0	0	0	0	0	348	0	37	306	344	0	26	295	334	0	34	290	343	0	19	308	0	0	0	0	0	0
900	125	0	139	0	203	0	216	0	0	0	0	0	347	0	48	310	342	0	40	294	326	0	34	294	337	0	36	312	0	0	0	0	0	0
1000	104	0	111	0	166	0	168	0	0	0	0	0	344	0	20	317	338	0	12	305	320	0	33	270	336	0	14	313	0	0	0	0	0	0
1100	93	0	111	0	143	0	158	0	0	0	0	0	346	0	36	294	344	0	37	296	328	0	61	271	345	0	15	323	0	0	0	0	0	0
1200	106	0	127	0	173	0	187	0	0	0	0	0	334	0	30	289	327	0	7	273	306	0	319	271	326	0	339	313	0	0	0	0	0	0
1300	79	0	99	0	139	0	152	0	0	0	0	0	347	0	22	292	340	0	41	300	319	0	137	271	341	0	45	325	0	0	0	0	0	0
1400	40	0	59	0	66	0	81	0	0	0	0	0	337	0	17	272	332	0	11	284	256	0	286	180	326	0	356	310	0	0	0	0	0	0
1500	74	0	96	0	115	0	124	0	0	0	0	0	311	0	336	271	307	0	330	283	272	0	287	263	308	0	320	302	0	0	0	0	0	0
1600	86	0	106	0	147	0	159	0	0	0	0	0	315	0	344	287	309	0	329	267	284	0	290	278	310	0	317	302	0	0	0	0	0	0
1700	104	0	119	0	147	0	164	0	0	0	0	0	302	0	325	277	298	0	324	255	265	0	278	253	295	0	301	290	0	0	0	0	0	0
1800	105	0	121	0	138	0	156	0	0	0	0	0	303	0	331	282	297	0	322	267	261	0	270	254	294	0	298	291	0	0	0	0	0	0
1900	77	0	98	0	102	0	113	0	0	0	0	0	309	0	331	273	304	0	324	279	257	0	270	247	299	0	302	295	0	0	0	0	0	0
2000	61	0	78	0	85	0	102	0	0	0	0	0	299	0	320	264	295	0	320	276	239	0	251	211	287	0	295	259	0	0	0	0	0	0
2100	58	0	73	0	94	0	112	0	0	0	0	0	276	0	316	225	274	0	313	218	228	0	260	194	267	0	286	249	0	0	0	0	0	0
2200	53	0	63	0	88	0	92	0	0	0	0	0	251	0	285	198	245	0	276	200	208	0	226	184	239	0	256	207	0	0	0	0	0	0
2300	76	0	88	0	104	0	122	0	0	0	0	0	294	0	337	250	287	0	332	249	240	0	301	186	281	0	311	247	0	0	0	0	0	0
2400	79	0	90	0	125	0	142	0	0	0	0	0	301	0	333	283	295	0	331	268	257	0	270	248	294	0	299	290	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	378	0	378	0	378	0	374	0	320	2	320	2	2	0	-4	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
200	372	0	370	0	379	0	376	0	320	2	320	2	7	0	5	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
300	365	0	363	0	369	0	363	0	320	2	320	2	2	0	0	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
400	361	0	361	0	363	0	358	0	320	2	320	2	0	0	-4	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
500	356	0	354	0	354	0	349	0	320	2	320	2	-4	0	-5	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
600	345	0	343	0	342	0	336	0	320	2	320	2	-5	0	-7	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	349	0	349	0	347	0	342	0	320	2	320	2	-4	0	-7	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
800	343	0	342	0	340	0	334	0	320	2	320	2	-5	0	-7	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
900	340	0	338	0	336	0	331	0	320	2	320	2	-5	0	-7	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1000	338	0	338	0	336	0	331	0	320	2	320	2	-5	0	-7	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1100	342	0	340	0	336	0	331	0	320	2	320	2	-5	0	-9	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1200	343	0	342	0	342	0	336	0	320	2	320	2	-4	0	-7	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1300	349	0	349	0	343	0	338	0	320	2	320	2	-7	0	-11	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1400	351	0	349	0	343	0	336	0	320	2	320	2	-9	0	-13	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1500	343	0	342	0	340	0	334	0	320	2	320	2	-4	0	-7	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1600	343	0	342	0	338	0	331	0	320	2	320	2	-7	0	-11	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1700	340	0	338	0	334	0	329	0	320	2	320	2	-5	0	-9	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1800	329	0	329	0	327	0	324	0	320	2	320	2	-4	0	-5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1900	325	0	324	0	324	0	322	0	320	2	320	2	-4	0	-5	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
2000	322	0	322	0	325	0	320	0	320	2	320	2	2	0	2	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
2100	329	0	329	0	331	0	327	0	320	2	320	2	2	0	0	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2200	324	0	322	0	324	0	317	0	320	2	320	2	-2	0	-5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2300	327	0	325	0	329	0	325	0	320	2	320	2	2	0	0	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
2400	325	0	325	0	329	0	325	0	320	2	320	2	2	0	0	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0

ST[illegible]CODE(S) DEFINITIONS, 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	[redacted]	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[redacted]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[redacted]	S
100	92	0	105	0	139	0	158	0	0	0	0	0	299	0	322	269	294	0	319	268	259	0	264	254	291	0	296	284	0	0	0	0	0	0
200	99	0	114	0	130	0	136	0	0	0	0	0	312	0	336	283	308	0	328	274	276	0	285	270	307	0	315	301	0	0	0	0	0	0
300	89	0	108	0	149	0	166	0	0	0	0	0	326	0	13	286	321	0	351	288	297	0	328	270	321	0	329	316	0	0	0	0	0	0
400	126	0	144	0	175	0	192	0	0	0	0	0	339	0	20	286	335	0	9	296	310	0	1	281	328	0	341	306	0	0	0	0	0	0
500	100	0	110	0	153	0	162	0	0	0	0	0	351	0	44	309	346	0	28	300	320	0	26	274	341	0	13	313	0	0	0	0	0	0
600	66	0	83	0	116	0	127	0	0	0	0	0	347	0	40	310	339	0	28	291	297	0	342	226	336	0	1	318	0	0	0	0	0	0
700	60	0	75	0	98	0	111	0	0	0	0	0	349	0	35	316	345	0	123	301	300	0	356	214	341	0	3	310	0	0	0	0	0	0
800	50	0	70	0	92	0	106	0	0	0	0	0	341.	0	10	304	336	0	13	297	280	0	292	253	326	0	338	318	0	0	0	0	0	0
900	81	0	37	0	106	0	116	0	0	0	0	0	308	0	323	277	302	0	330	268	258	0	270	244	299	0	304	289	0	0	0	0	0	0
1000	85	0	32	0	108	0	125	0	0	0	0	0	299	0	316	279	292	0	314	267	247	0	255	239	289	0	295	280	0	0	0	0	0	0
1100	111	0	102	0	140	0	159	0	0	0	0	0	297	0	327	270	291	0	321	266	256	0	266	230	287	0	303	268	0	0	0	0	0	0
1200	104	0	86	0	142	0	145	0	0	0	0	0	313	0	344	293	309	0	335	284	276	0	302	252	305	0	319	294	0	0	0	0	0	0
1300	109	0	109	0	143	0	153	0	0	0	0	0	305	0	329	274	300	0	320	257	268	0	285	238	298	0	309	288	0	0	0	0	0	0
1400	104	0	117	0	133	0	143	0	0	0	0	0	310	0	334	279	305	0	332	280	272	0	293	256	303	0	318	293	0	0	0	0	0	0
1500	75	0	94	0	101	0	110	0	0	0	0	0	314	0	344	288	307	0	340	265	268	0	347	237	308	0	325	297	0	0	0	0	0	0
1600	66	0	88	0	116	0	130	0	0	0	0	0	326	0	10	270	320	0	1	271	287	0	339	238	322	0	343	294	0	0	0	0	0	0
1700	51	0	64	0	88	0	99	0	0	0	0	0	358	0	102	275	353	0	53	286	285	0	355	181	341	0	26	308	0	0	0	0	0	0
1800	53	0	67	0	95	0	104	0	0	0	0	0	17.	0	51	334	8	0	51	321	304	0	350	197	354	0	41	324	0	0	0	0	0	0
1900	59	0	75	0	88	0	96	0	0	0	0	0	28	0	58	349	24	0	56	347	11	0	143	270	8	0	26	344	0	0	0	0	0	0
2000	49	0	65	0	78	0	87	0	0	0	0	0	32	0	90	5	28	0	64	351	49	0	176	285	16	0	35	353	0	0	0	0	0	0
2100	26	0	47	0	59	0	73	0	0	0	0	0	53	3	76	31	53	0	78	28	122	0	170	53	35	0	48	25	0	0	0	0	0	0
2200	22	0	38	0	40	0	50	0	0	0	0	0	109	0	130	84	110	0	135	87	146	0	154	138	71	0	82	60	0	0	0	0	0	0
2300	29	0	46	0	45	0	56	0	0	0	0	0	130	0	142	113	133	0	146	124	149	0	163	138	95	0	110	81	0	0	0	0	0	0
2400	40	0	55	0	55	0	64	0	0	0	0	0	117	0	125	111	120	0	127	112	144	0	149	139	97	0	100	89	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30. B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	327	0	325	0	329	0	325	0	320	2	320	2	2	0	0	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
200	329	0	329	0	327	0	322	0	320	2	320	2	-4	0	-5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
300	322	0	317	0	317	0	312	0	320	2	320	2	-4	0	-5	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
400	305	0	305	0	299	0	294	0	320	2	320	2	-7	0	-9	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
500	296	0	296	0	290	0	287	0	320	2	320	2	-7	0	-9	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
600	297	0	296	0	294	0	288	0	320	2	320	2	-5	0	-7	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	305	0	305	0	301	0	297	0	320	2	320	2	-5	0	-7	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
800	305	0	305	0	305	0	301	0	320	2	320	2	2	0	-5	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
900	317	0	315	0	314	0	308	0	320	2	320	2	-4	0	-7	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1000	324	0	324	0	315	0	310	0	320	2	320	2	-9	0	-13	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1100	325	0	324	0	314	0	306	0	320	2	320	2	-13	0	-16	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1200	322	0	317	0	310	0	305	0	320	2	320	2	-9	0	-13	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1300	320	0	320	0	306	0	299	0	320	2	320	2	-16	0	-20	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1400	312	0	310	0	301	0	296	0	320	2	320	2	-13	0	-16	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1500	312	0	310	0	303	0	297	0	320	2	320	2	-11	0	-14	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1600	312	0	310	0	305	0	299	0	320	2	320	2	-9	0	-13	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1700	305	0	303	0	297	0	292	0	320	2	320	2	-9	0	-11	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1800	296	0	294	0	290	0	285	0	320	2	320	2	-7	0	-9	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1900	292	0	292	0	287	0	281	0	320	2	320	2	-7	0	-11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
2000	292	0	292	0	285	0	279	0	320	2	320	2	-7	0	-11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
2100	283	0	285	0	283	0	279	0	320	2	320	2	-2	0	-7	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
2200	267	0	269	0	281	0	278	0	320	2	320	2	13	0	7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
2300	265	0	267	0	274	0	272	0	320	2	320	2	7	0	5	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2400	261	0	263	0	267	0	263	0	320	2	320	2	4	0	0	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED . . . . AEP COOK . METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	37	0	37	0	63	0	73	0	0	0	0	0	149	0	175	117	150	0	175	135	155	0	158	146	126	0	133	119	0	0	0	0	0	0
200	40	0	15	0	68	0	80	0	0	0	0	0	137	0	170	117	137	5	159	129	150	0	156	146	121	0	132	113	0	0	0	0	0	0
300	45	0	9	0	72	0	82	0	0	0	0	0	116	0	123	113	118	5	128	114	142	0	146	141	109	0	116	106	0	0	0	0	0	0
400	50	0	65	0	76	0	87	0	0	0	0	0	116	0	120	112	118	0	122	114	140	0	142	137	109	0	112	105	0	0	0	0	0	0
500	52	0	67	0	84	0	97	0	0	0	0	0	119	0	123	116	121	0	125	117	140	0	141	139	115	0	118	112	0	0	0	0	0	0
600	51	0	71	0	102	0	111	0	0	0	0	0	136	0	154	128	138	0	156	128	150	0	156	146	133	0	138	131	0	0	0	0	0	0
700	55	0	74	0	145	0	160	0	0	0	0	0	167	0	209	122	164	0	197	126	167	0	170	155	164	0	167	157	0	0	0	0	0	0
800	58	0	71	0	152	0	162	0	0	0	0	0	159	0	192	114	159	0	202	129	166	0	175	155	164	0	182	156	0	0	0	0	0	0
900	52	0	65	0	130	0	144	0	0	0	0	0	162	0	227	106	160	0	224	113	169	0	188	151	168	0	180	154	0	0	0	0	0	0
1000	52	0	37	0	107	0	114	0	0	0	0	0	157	0	197	106	158	0	203	114	168	0	187	155	163	0	183	144	0	0	0	0	0	0
1100	35	0	9	0	73	0	74	0	0	0	0	0	175	0	262	93	172	3	244	91	177	0	190	157	176	0	237	126	0	0	0	0	0	0
1200	43	0	33	0	51	0	56	0	0	0	0	0	253	0	299	208	249	0	284	218	196	0	208	180	235	0	252	211	0	0	0	0	0	0
1300	77	0	75	0	102	0	105	0	0	0	0	0	250	0	283	220	247	0	286	218	210	0	219	204	240	0	253	232	0	0	0	0	0	0
1400	77	0	79	0	101	0	109	0	0	0	0	0	251	0	286	212	248	0	287	226	212	0	233	182	242	0	280	234	0	0	0	0	0	0
1500	43	0	57	0	54	0	60	0	0	0	0	0	261	0	299	236	257	0	324	225	203	0	221	184	246	0	273	225	0	0	0	0	0	0
1600	59	0	73	0	73	0	84	0	0	0	0	0	263	0	305	238	259	0	292	221	215	0	238	196	259	0	291	229	0	0	0	0	0	0
1700	57	0	58	0	89	0	86	0	0	0	0	0	246	0	283	216	243	0	274	208	203	0	214	181	232	0	248	213	0	0	0	0	0	0
1800	51	0	52	0	81	0	83	0	0	0	0	0	241	0	267	208	236	0	265	205	202	0	208	184	233	0	246	213	0	0	0	0	0	0
1900	35	0	44	0	68	0	70	0	0	0	0	0	236	0	271	211	232	0	263	200	198	0	206	191	229	0	239	205	0	0	0	0	0	0
2000	41	0	48	0	81	0	93	0	0	0	0	0	242	0	266	211	236	0	261	210	205	0	209	190	239	0	245	228	0	0	0	0	0	0
2100	48	0	54	0	73	0	81	0	0	0	0	0	243	0	272	211	238	0	257	211	210	0	214	207	249	0	257	243	0	0	0	0	0	0
2200	17	0	34	0	41	0	57	0	0	0	0	0	274	0	322	236	271	0	318	235	213	0	229	189	291	0	305	272	0	0	0	0	0	0
2300	53	0	58	0	73	0	81	0	0	0	0	0	245	0	267	217	243	0	268	224	210	0	225	193	254	0	279	217	0	0	0	0	0	0
2400	75	0	75	0	108	0	117	0	0	0	0	0	246	0	272	220	241	0	263	217	215	0	222	206	245	0	255	226	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	243	0	245	0	261	0	258	0	320	2	320	2	16	0	13	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
200	238	0	240	0	260	0	256	0	320	2	320	2	20	0	16	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
300	238	0	240	0	256	0	251	0	320	2	320	2	16	0	11	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
400	233	0	234	0	251	0	247	0	320	2	320	2	16	0	13	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
500	224	0	224	0	251	0	245	0	320	2	320	2	25	0	22	0	0	2	0	2	265	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
600	213	0	213	0	242	0	236	0	320	2	320	2	27	0	23	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	207	0	207	0	242	0	236	0	320	2	320	2	32	0	31	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
800	207	0	206	0	240	0	234	0	320	2	320	2	31	0	29	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
900	222	0	220	0	233	0	229	0	320	2	320	2	11	0	7	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1000	256	0	252	0	245	0	240	0	320	2	320	2	-11	0	-13	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
1100	292	0	288	0	272	0	267	0	320	2	320	2	-20	0	-22	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1200	297	0	296	0	288	0	281	0	320	2	320	2	-13	0	-16	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1300	297	0	296	0	290	0	283	0	320	2	320	2	-13	0	-16	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
1400	303	0	301	0	290	0	283	0	320	2	320	2	-14	0	-18	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	210	0
1500	305	0	303	0	296	0	288	0	320	2	320	2	-13	0	-16	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1600	308	0	306	0	301	0	296	0	320	2	320	2	-9	0	-13	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1700	306	0	305	0	301	0	296	0	320	2	320	2	-7	0	-9	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1800	297	0	296	0	299	0	294	0	320	2	320	2	2	0	2	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1900	296	0	294	0	299	0	294	0	320	2	320	2	2	0	0	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2000	296	0	294	0	310	0	305	0	320	2	320	2	13	0	11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	210	6
2100	297	0	296	0	315	0	312	0	320	2	320	2	16	0	16	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2200	294	0	294	0	312	0	308	0	320	2	320	2	16	0	13	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2300	294	0	292	0	312	0	308	0	320	2	320	2	16	0	14	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
2400	299	0	297	0	314	0	310	0	320	2	320	2	13	0	11	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0

STA[illegible]CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DI[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LA[illegible]EY

HOUR	WIND SPD2 30 A	S	WIND SPD3 30 B	S	WIND SPD4 180A	S	WIND SPD5 180B	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	[illegible]	S	WIND DIR3 180A	S	MIN	MAX	WIND DIR4 180B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	76	0	78	0	108	0	111	0	0	0	248	0	271	229	244	0	269	223	212	0	225	203	240	0	254	229	0	0	0	0	0	0
200	77	0	80	0	120	0	125	0	0	0	246	0	282	220	242	0	262	204	211	0	217	191	236	0	245	223	0	0	0	0	0	0
300	79	0	78	0	128	0	125	0	0	0	240	0	269	207	237	0	265	200	209	0	227	190	232	0	241	214	0	0	0	0	0	0
400	82	0	95	0	124	0	140	0	0	0	259	0	287	236	253	0	285	215	225	0	231	220	253	0	259	247	0	0	0	0	0	0
500	97	0	119	0	128	0	154	0	0	0	268	0	287	243	263	0	283	239	229	0	238	225	257	0	262	252	0	0	0	0	0	0
600	88	0	106	0	134	0	136	0	0	0	258	0	291	231	256	0	288	231	224	0	229	217	249	0	255	242	0	0	0	0	0	0
700	80	0	92	0	118	0	116	0	0	0	257	0	287	231	252	0	278	226	221	0	225	217	248	0	253	245	0	0	0	0	0	0
800	78	0	79	0	122	0	115	0	0	0	239	0	286	194	235	0	259	205	205	0	226	181	228	0	244	209	0	0	0	0	0	0
900	71	0	72	0	119	0	110	0	0	0	241	0	273	198	239	0	267	188	207	0	220	188	230	0	249	197	0	0	0	0	0	0
1000	86	0	91	0	132	0	130	0	0	0	251	0	278	230	246	0	281	216	218	0	225	206	242	0	247	233	0	0	0	0	0	0
1100	115	0	105	0	159	0	167	0	0	0	248	0	281	216	244	0	267	227	219	0	226	202	239	0	243	232	0	0	0	0	0	0
1200	125	0	117	0	161	0	165	0	0	0	251	0	283	222	246	0	279	219	220	0	226	214	240	0	247	235	0	0	0	0	0	0
1300	126	0	118	0	182	0	173	0	0	0	246	0	270	201	246	0	288	222	219	0	237	200	237	0	245	225	0	0	0	0	0	0
1400	162	0	148	0	243	0	249	0	0	0	247	0	298	208	243	0	289	209	224	0	233	200	238	0	246	225	0	0	0	0	0	0
1500	144	0	148	0	239	0	215	0	0	0	252	0	290	226	249	0	303	216	229	0	236	222	245	0	249	239	0	0	0	0	0	0
1600	109	2	114	2	205	2	183	2	0	0	256	2	283	221	250	2	282	203	231	2	245	225	249	2	254	245	0	0	0	0	0	0
1700	110	0	108	0	176	0	192	0	0	0	249	0	287	220	246	0	301	206	230	0	236	211	252	0	258	234	0	0	0	0	0	0
1800	90	0	90	0	129	0	150	0	0	0	249	0	272	224	244	0	269	217	225	0	242	210	253	0	261	241	0	0	0	0	0	0
1900	88	0	94	0	150	0	170	0	0	0	252	0	283	213	249	0	268	225	230	0	242	206	255	0	266	242	0	0	0	0	0	0
2000	0	2	0	2	90	0	0	2	0	2	271	0	244	295	0	2	0	0	216	0	204	222	0	2	0	0	0	2	0	0	0	2
2100	0	2	0	2	90	0	0	2	0	2	270	0	235	297	0	2	0	0	224	0	214	231	0	2	0	0	0	2	0	0	0	2
2200	0	2	0	2	115	0	0	2	0	2	267	0	239	293	0	2	0	0	215	0	199	223	0	2	0	0	0	2	0	0	0	2
2300	0	2	0	2	117	0	0	2	0	2	267	0	235	295	0	2	0	0	209	0	192	228	0	2	0	0	0	2	0	0	0	2
2400	0	2	0	2	117	0	0	2	0	2	271	0	242	289	0	2	0	0	213	0	194	228	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	294	0	292	0	297	0	294	0	320	2	320	2	2	0	0	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
200	292	0	292	0	296	0	292	0	320	2	320	2	2	0	0	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
300	297	0	296	0	299	0	294	0	320	2	320	2	2	0	2	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
400	308	0	306	0	315	0	310	0	320	2	320	2	5	0	4	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
500	315	0	314	0	315	0	310	0	320	2	320	2	2	0	-4	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
600	310	0	310	0	314	0	310	0	320	2	320	2	2	0	0	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
700	306	0	305	0	312	0	308	0	320	2	320	2	4	0	2	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
800	299	0	297	0	301	0	296	0	320	2	320	2	0	0	2	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
900	297	0	296	0	296	0	290	0	320	2	320	2	-4	0	-7	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1000	308	0	308	0	305	0	297	0	320	2	320	2	-7	0	-11	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	211	0
1100	329	0	327	0	322	0	315	0	320	2	320	2	-7	0	-13	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	100	6
1200	329	0	327	0	320	0	314	0	320	2	320	2	-9	0	-14	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1300	336	0	336	0	329	0	325	0	320	2	320	2	-11	0	-16	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1400	358	0	358	0	360	0	354	0	320	2	320	2	0	0	-5	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	100	6
1500	367	0	367	0	370	0	365	0	320	2	320	2	2	0	-2	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1600	360	2	358	2	369	2	363	2	320	2	320	2	9	2	5	2	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1700	361	0	360	0	378	0	372	0	320	2	320	2	14	0	13	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1800	356	0	354	0	365	0	360	0	320	2	320	2	7	0	4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	361	0	360	0	376	0	370	0	320	2	320	2	13	0	11	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	309	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	322	0	0	2	0	2	0	2	0	2	0	2	23	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	322	0	0	2	0	2	0	2	0	2	0	2	20	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	312	0	0	2	0	2	0	2	0	2	0	2	20	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	329	0	0	2	0	2	0	2	0	2	0	2	20	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP. COOK . METEOROLOGICAL DATA FOR FEBRUARY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	0	2	0	2	115	0	0	2	0	2	0	2	285	0	257	317	0	2	0	0	218	0	203	236	0	2	0	0	0	2	0	0	0	2
200	0	2	0	2	148	0	0	2	0	2	0	2	303	0	273	339	0	2	0	0	225	0	208	240	0	2	0	0	0	2	0	0	0	2
300	0	2	0	2	107	0	0	2	0	2	0	2	320	0	291	342	0	2	0	0	222	0	199	233	0	2	0	0	0	2	0	0	0	2
400	0	2	0	2	63	0	0	2	0	2	0	2	309	0	288	341	0	2	0	0	199	0	190	213	0	2	0	0	0	2	0	0	0	2
500	0	2	0	2	65	0	0	2	0	2	0	2	318	0	297	341	0	2	0	0	198	0	181	214	0	2	0	0	0	2	0	0	0	2
600	0	2	0	2	100	0	0	2	0	2	0	2	300	0	263	329	0	2	0	0	197	0	177	209	0	2	0	0	0	2	0	0	0	2
700	0	2	0	2	123	0	0	2	0	2	0	2	259	0	239	282	0	2	0	0	194	0	173	210	0	2	0	0	0	2	0	0	0	2
800	0	2	0	2	167	0	0	2	0	2	0	2	259	0	237	280	0	2	0	0	192	0	170	208	0	2	0	0	0	2	0	0	0	2
900	0	2	0	2	155	0	0	2	0	2	0	2	253	0	231	275	0	2	0	0	200	0	179	208	0	2	0	0	0	2	0	0	0	2
1000	0	2	0	2	155	0	0	2	0	2	0	2	244	0	216	273	0	2	0	0	197	0	176	219	0	2	0	0	0	2	0	0	0	2
1100	0	2	0	2	175	0	0	2	0	2	0	2	257	0	225	282	0	2	0	0	196	0	182	218	0	2	0	0	0	2	0	0	0	2
1200	0	2	0	2	219	0	0	2	0	2	0	2	264	0	233	289	0	2	0	0	215	0	186	246	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	227	0	0	2	0	2	0	2	269	0	239	291	0	2	0	0	216	0	183	236	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	248	0	0	2	0	2	0	2	280	0	249	306	0	2	0	0	213	0	185	235	0	2	0	0	0	2	0	0	0	2
1500	0	2	0	2	298	0	0	2	0	2	0	2	268	0	228	294	0	2	0	0	221	0	187	246	0	2	0	0	0	2	0	0	0	2
1600	0	2	0	2	338	0	0	2	0	2	0	2	190	0	143	225	0	2	0	0	237	0	201	260	0	2	0	0	0	2	0	0	0	2
1700	0	2	0	2	357	0	0	2	0	2	0	2	192	0	150	231	0	2	0	0	242	0	231	257	0	2	0	0	0	2	0	0	0	2
1800	0	2	0	2	313	0	0	2	0	2	0	2	201	0	159	248	0	2	0	0	242	0	225	257	0	2	0	0	0	2	0	0	0	2
1900	0	2	0	2	334	0	0	2	0	2	0	2	210	0	156	262	0	2	0	0	253	0	236	271	0	2	0	0	0	2	0	0	0	2
2000	0	2	0	2	297	0	0	2	0	2	0	2	244	0	192	276	0	2	0	0	270	0	234	295	0	2	0	0	0	2	0	0	0	2
2100	0	2	0	2	340	0	0	2	0	2	0	2	245	0	205	282	0	2	0	0	290	0	264	305	0	2	0	0	0	2	0	0	0	2
2200	0	2	0	2	388	0	0	2	0	2	0	2	249	0	196	293	0	2	0	0	297	0	275	313	0	2	0	0	0	2	0	0	0	2
2300	0	2	0	2	480	0	0	2	0	2	0	2	259	0	208	295	0	2	0	0	316	0	284	340	0	2	0	0	0	2	0	0	0	2
2400	0	2	0	2	438	0	0	2	0	2	0	2	259	0	217	312	0	2	0	0	330	0	295	6	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	322	0	0	2	0	2	0	2	0	2	0	2	7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	339	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	336	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	336	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	336	0	0	2	0	2	0	2	0	2	0	2	7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	343	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	339	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	329	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	316	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	336	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	346	0	0	2	0	2	0	2	0	2	0	2	-15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	353	0	0	2	0	2	0	2	0	2	0	2	-15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	360	0	0	2	0	2	0	2	0	2	0	2	-18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	387	0	0	2	0	2	0	2	0	2	0	2	-18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	431	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	438	0	0	2	0	2	0	2	0	2	0	2	-32	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	428	0	0	2	0	2	0	2	0	2	0	2	-30	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	384	0	0	2	0	2	0	2	0	2	0	2	-15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	360	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	360	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	384	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	377	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	401	0	0	2	0	2	0	2	0	2	0	2	1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	380	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

S[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
[illegible]ING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	D 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	S
100	0	2	0	2	367	0	0	2	0	2	0	2	258	0	213	305	0	2	0	0	353	0	291	46	0	2	0	0	0	2	0	0	2
200	0	2	0	2	463	0	0	2	0	2	0	2	279	0	242	329	0	2	0	0	333	0	284	55	0	2	0	0	0	2	0	0	2
300	0	2	0	2	411	0	0	2	0	2	0	2	303	0	255	351	0	2	0	0	349	0	278	69	0	2	0	0	0	2	0	0	2
400	0	2	0	2	425	0	0	2	0	2	0	2	315	0	273	12	0	2	0	0	347	0	275	68	0	2	0	0	0	2	0	0	2
500	0	2	0	2	455	0	0	2	0	2	0	2	323	0	268	17	0	2	0	0	351	0	285	56	0	2	0	0	0	2	0	0	2
600	0	2	0	2	519	0	0	2	0	2	0	2	331	0	286	24	0	2	0	0	349	0	275	62	0	2	0	0	0	2	0	0	2
700	0	2	0	2	517	0	0	2	0	2	0	2	341	0	299	41	0	2	0	0	339	0	281	37	0	2	0	0	0	2	0	0	2
800	0	2	0	2	517	0	0	2	0	2	0	2	24	0	323	89	0	2	0	0	329	0	268	32	0	2	0	0	0	2	0	0	2
900	0	2	0	2	534	0	0	2	0	2	0	2	9	0	300	79	0	2	0	0	329	0	269	30	0	2	0	0	0	2	0	0	2
1000	0	2	0	2	482	0	0	2	0	2	0	2	350	0	288	48	0	2	0	0	342	0	264	38	0	2	0	0	0	2	0	0	2
1100	0	2	0	2	405	0	0	2	0	2	0	2	349	0	296	47	0	2	0	0	336	0	246	46	0	2	0	0	0	2	0	0	2
1200	0	2	0	2	398	0	0	2	0	2	0	2	356	0	288	48	0	2	0	0	344	0	288	48	0	2	0	0	0	2	0	0	2
1300	0	2	0	2	367	0	0	2	0	2	0	2	341	0	284	36	0	2	0	0	357	0	290	65	0	2	0	0	0	2	0	0	2
1400	0	2	0	2	357	0	0	2	0	2	0	2	354	0	294	51	0	2	0	0	350	0	284	61	0	2	0	0	0	2	0	0	2
1500	0	2	0	2	375	0	0	2	0	2	0	2	9	0	285	90	0	2	0	0	2	0	293	57	0	2	0	0	0	2	0	0	2
1600	0	2	0	2	344	0	0	2	0	2	0	2	24	0	308	89	0	2	0	0	332	0	276	34	0	2	0	0	0	2	0	0	2
1700	0	2	0	2	323	0	0	2	0	2	0	2	9	0	288	82	0	2	0	0	352	0	298	46	0	2	0	0	0	2	0	0	2
1800	0	2	0	2	323	0	0	2	0	2	0	2	32	0	314	95	0	2	0	0	350	0	288	47	0	2	0	0	0	2	0	0	2
1900	0	2	0	2	307	0	0	2	0	2	0	2	25	0	329	88	0	2	0	0	343	0	286	25	0	2	0	0	0	2	0	0	2
2000	0	2	0	2	280	0	0	2	0	2	0	2	21	0	324	81	0	2	0	0	339	0	288	25	0	2	0	0	0	2	0	0	2
2100	0	2	0	2	263	0	0	2	0	2	0	2	32	0	341	78	0	2	0	0	342	0	294	20	0	2	0	0	0	2	0	0	2
2200	0	2	0	2	234	0	0	2	0	2	0	2	32	0	349	68	0	2	0	0	357	0	305	55	0	2	0	0	0	2	0	0	2
2300	0	2	0	2	223	0	0	2	0	2	0	2	38	0	2	73	0	2	0	0	357	0	303	50	0	2	0	0	0	2	0	0	2
2400	0	2	0	2	209	0	0	2	0	2	0	2	28	0	353	66	0	2	0	0	14	0	314	55	0	2	0	0	0	2	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	356	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	356	0	0	2	0	2	0	2	0	2	0	2	16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	397	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	360	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	350	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	339	0	0	2	0	2	0	2	0	2	0	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	265	0	0	2	0	2	0	2	0	2	0	2	-16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	265	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	210	0	0	2	0	2	0	2	0	2	0	2	-15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	210	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	210	0	0	2	0	2	0	2	0	2	0	2	-12	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	217	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	200	0	0	2	0	2	0	2	0	2	0	2	-18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	200	0	0	2	0	2	0	2	0	2	0	2	-22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	197	0	0	2	0	2	0	2	0	2	0	2	-23	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	214	0	0	2	0	2	0	2	0	2	0	2	-23	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	217	0	0	2	0	2	0	2	0	2	0	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	217	0	0	2	0	2	0	2	0	2	0	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	217	0	0	2	0	2	0	2	0	2	0	2	-13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	248	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	234	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	237	0	0	2	0	2	0	2	0	2	0	2	-16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	237	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	234	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	0	2	0	2	198	0	0	2	0	2	0	2	37	0	6	72	0	2	0	0	2	0	318	46	0	2	0	0	0	2	0	0	0	2
200	0	2	0	2	82	0	0	2	0	2	0	2	43	0	359	80	0	2	0	0	128	0	93	189	0	2	0	0	0	2	0	0	0	2
300	0	2	0	2	80	0	0	2	0	2	0	2	38	0	352	75	0	2	0	0	151	0	119	187	0	2	0	0	0	2	0	0	0	2
400	0	2	0	2	80	0	0	2	0	2	0	2	119	0	93	146	0	2	0	0	149	0	117	183	0	2	0	0	0	2	0	0	0	2
500	0	2	0	2	84	0	0	2	0	2	0	2	117	0	97	150	0	2	0	0	159	0	128	181	0	2	0	0	0	2	0	0	0	2
600	0	2	0	2	57	0	0	2	0	2	0	2	128	0	97	158	0	2	0	0	169	0	146	200	0	2	0	0	0	2	0	0	0	2
700	0	2	0	2	34	0	0	2	0	2	0	2	140	0	123	154	0	2	0	0	178	0	170	183	0	2	0	0	0	2	0	0	0	2
800	0	2	0	2	0	2	0	2	0	2	0	2	178	0	146	203	0	2	0	0	178	0	171	191	0	2	0	0	0	2	0	0	0	2
900	21	0	0	2	50	0	0	2	0	2	0	2	176	0	128	222	0	2	0	0	191	0	179	201	0	2	0	0	0	2	0	0	0	2
1000	30	0	0	2	46	0	0	2	0	2	0	2	243	0	185	281	0	2	0	0	190	0	178	199	0	2	0	0	0	2	0	0	0	2
1100	80	0	0	2	65	0	0	2	0	2	0	2	264	0	230	305	0	2	0	0	200	0	186	218	0	2	0	0	0	2	0	0	0	2
1200	113	0	0	2	102	0	0	2	0	2	0	2	281	0	242	306	0	2	0	0	223	0	196	239	0	2	0	0	0	2	0	0	0	2
1300	117	0	0	2	138	0	0	2	0	2	0	2	264	0	236	293	0	2	0	0	225	0	201	255	0	2	0	0	0	2	0	0	0	2
1400	93	0	48	0	103	0	94	0	0	0	0	0	250	0	283	219	247	0	276	232	207	0	228	186	235	0	250	206	0	0	0	0	0	0
1500	93	0	33	0	125	0	130	0	0	0	0	0	254	0	304	217	251	0	287	215	218	0	234	173	244	0	267	211	0	0	0	0	0	0
1600	109	0	23	0	143	0	138	0	0	0	0	0	252	0	281	228	250	3	302	215	219	0	237	192	243	0	273	217	0	0	0	0	0	0
1700	98	0	19	0	135	0	124	0	0	0	0	0	248	0	276	226	247	0	271	216	213	0	229	183	236	0	245	219	0	0	0	0	0	0
1800	57	0	57	0	96	0	92	0	0	0	0	0	222	0	261	143	220	0	267	105	192	0	230	171	210	0	239	179	0	0	0	0	0	0
1900	84	0	77	0	127	0	110	0	0	0	0	0	225	0	305	184	223	0	277	181	194	0	219	171	210	0	239	182	0	0	0	0	0	0
2000	77	0	79	0	127	0	120	0	0	0	0	0	225	0	282	181	227	0	298	181	192	0	217	170	209	0	231	182	0	0	0	0	0	0
2100	100	0	79	0	149	0	143	0	0	0	0	0	228	0	292	193	228	0	275	187	199	0	222	165	214	0	234	185	0	0	0	0	0	0
2200	102	0	106	0	176	0	164	0	0	0	0	0	236	0	284	198	234	0	275	186	209	0	252	174	221	0	251	191	0	0	0	0	0	0
2300	122	0	119	0	186	0	172	0	0	0	0	0	241	0	274	207	238	0	271	205	211	0	237	179	228	0	267	210	0	0	0	0	0	0
2400	185	0	166	0	254	0	251	0	0	0	0	0	251	0	284	217	247	0	287	204	222	0	244	200	236	0	251	225	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	231	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	217	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	210	0	0	2	0	2	0	2	0	2	0	2	-13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	166	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	166	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	152	0	0	2	0	2	0	2	0	2	0	2	-13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	135	0	0	2	0	2	0	2	0	2	0	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	146	0	0	2	0	2	0	2	0	2	0	2	7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	176	0	0	2	0	2	0	2	0	2	0	2	41	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	217	0	0	2	0	2	0	2	0	2	0	2	26	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	234	0	0	2	0	2	0	2	0	2	0	2	17	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	254	0	0	2	0	2	0	2	0	2	0	2	-7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	265	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	278	0	279	0	297	0	283	0	320	2	320	2	13	0	7	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1500	305	0	305	0	312	0	303	0	320	2	320	2	7	0	2	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1600	315	0	315	0	327	0	315	0	320	2	320	2	7	0	2	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1700	314	0	315	0	322	0	306	0	320	2	320	2	2	0	-4	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1800	308	0	306	0	308	0	303	0	320	2	320	2	0	0	-2	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	303	0	305	0	303	0	294	0	320	2	320	2	2	0	-4	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	294	0	292	0	292	0	287	0	320	2	320	2	-4	0	-5	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2100	294	0	292	0	290	0	285	0	320	2	320	2	-5	0	-7	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2200	299	0	297	0	276	0	290	0	320	2	320	2	-5	0	-7	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2300	303	0	301	0	299	0	296	0	320	2	320	2	-4	0	-7	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2400	305	0	303	0	301	0	296	0	320	2	320	2	-5	0	-7	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]LID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION.
REP[illegible] RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DI[illegible]ON 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD3 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	S	MIN	MAX	S	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	164	0	159	0	228	0	227	0	0	0	0	0	248	0	269	219	244	0	282	214	221	0	233	169	236	0	249	225	0	0	0	0	0	0
200	123	0	122	0	186	0	180	0	0	0	0	0	245	0	287	203	242	0	270	201	214	0	250	189	231	0	254	210	0	0	0	0	0	0
300	102	0	104	0	158	0	151	0	0	0	0	0	239	0	280	196	235	0	267	193	211	0	248	181	227	0	246	205	0	0	0	0	0	0
400	125	0	0	2	269	0	0	2	0	2	0	2	261	0	219	308	0	2	0	0	231	0	214	251	0	2	0	0	0	2	0	0	0	2
500	123	0	0	2	232	0	0	2	0	2	0	2	263	0	228	293	0	2	0	0	227	0	212	251	0	2	0	0	0	2	0	0	0	2
600	107	0	0	2	209	0	0	2	0	2	0	2	267	0	234	297	0	2	0	0	224	0	195	245	0	2	0	0	0	2	0	0	0	2
700	96	0	0	2	165	0	0	2	0	2	0	2	267	0	239	300	0	2	0	0	218	0	192	240	0	2	0	0	0	2	0	0	0	2
800	98	0	0	2	173	0	0	2	0	2	0	2	268	0	236	311	0	2	0	0	221	0	190	237	0	2	0	0	0	2	0	0	0	2
900	98	0	0	2	186	0	0	2	0	2	0	2	277	0	243	308	0	2	0	0	219	0	205	235	0	2	0	0	0	2	0	0	0	2
1000	75	0	0	2	163	0	0	2	0	2	0	2	275	0	237	311	0	2	0	0	212	0	190	228	0	2	0	0	0	2	0	0	0	2
1100	46	0	0	2	146	0	0	2	0	2	0	2	295	0	259	327	0	2	0	0	210	0	191	232	0	2	0	0	0	2	0	0	0	2
1200	67	0	0	2	155	0	0	2	0	2	0	2	258	0	225	287	0	2	0	0	217	0	198	230	0	2	0	0	0	2	0	0	0	2
1300	86	0	0	2	146	0	0	2	0	2	0	2	257	0	218	299	0	2	0	0	215	0	203	226	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	37	0	54	0	60	0	66	0	0	0	0	0	309	0	345	271	304	0	347	257	303	0	310	292	304	0	317	294	0	0	0	0	0	0
1600	26	0	40	0	45	0	57	0	0	0	0	0	307	0	354	249	300	0	354	239	305	0	330	273	306	0	342	272	0	0	0	0	0	0
1700	25	0	41	0	42	0	54	0	0	0	0	0	346	3	28	297	337	0	28	270	347	0	47	310	348	0	22	304	0	0	0	0	0	0
1800	25	0	26	0	50	0	63	0	0	0	0	0	49	3	71	29	49	3	77	26	26	0	40	9	31	0	45	20	0	0	0	0	0	0
1900	36	0	0	4	68	0	76	0	0	0	0	0	81	0	99	65	82	3	97	65	59	0	68	52	67	0	83	60	0	0	0	0	0	0
2000	61	0	73	0	94	0	101	0	0	0	0	0	101	0	121	89	101	0	118	81	79	0	138	72	85	0	93	80	0	0	0	0	0	0
2100	55	0	70	0	96	0	105	0	0	0	0	0	110	0	120	89	111	0	120	99	92	0	96	88	100	0	105	95	0	0	0	0	0	0
2200	31	0	48	0	54	0	65	0	0	0	0	0	113	0	130	103	114	0	126	104	122	0	131	111	132	0	139	118	0	0	0	0	0	0
2300	38	0	55	0	67	0	80	0	0	0	0	0	123	0	135	113	125	0	136	118	140	0	145	133	149	0	156	144	0	0	0	0	0	0
2400	46	0	63	0	94	0	106	0	0	0	0	0	128	0	138	116	131	0	146	121	138	0	142	136	147	0	150	144	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	299	0	297	0	294	0	290	0	320	2	320	2	-5	0	-7	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
200	292	0	290	0	288	0	283	0	320	2	320	2	-5	0	-7	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
300	288	0	287	0	287	0	281	0	320	2	320	2	-4	0	-5	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
400	295	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	288	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	288	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	288	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	278	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	292	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	292	0	0	2	0	2	0	2	0	2	0	2	22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	316	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	305	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	316	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	358	0	356	0	367	0	358	0	320	2	320	2	7	0	2	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1600	360	0	358	0	370	0	363	0	320	2	320	2	9	0	5	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1700	351	0	349	0	365	0	360	0	320	2	320	2	11	0	9	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1800	329	0	329	0	329	0	325	0	320	2	320	2	2	0	-5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	100	6
1900	320	0	320	0	327	0	322	0	320	2	320	2	5	0	2	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	317	0	320	0	333	0	324	0	320	2	320	2	9	0	5	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2100	312	0	310	0	331	0	327	0	320	2	320	2	18	0	14	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2200	301	0	301	0	325	0	320	0	320	2	320	2	22	0	16	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2300	292	0	292	0	322	0	315	0	320	2	320	2	29	0	23	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2400	290	0	290	0	334	0	331	0	320	2	320	2	41	0	38	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	47	0	64	0	114	0	125	0	0	0	0	0	128	0	140	121	132	0	142	122	134	0	136	131	144	0	145	141	0	0	0	0	0	0
200	49	0	0	4	116	0	128	0	0	0	0	0	145	0	189	110	145	0	171	121	143	0	145	141	151	0	154	150	0	0	0	0	0	0
300	54	0	0	4	129	0	141	0	0	0	0	0	134	0	150	120	135	0	148	121	138	0	140	136	146	0	149	145	0	0	0	0	0	0
400	63	0	0	4	128	0	134	0	0	0	0	0	126	0	141	119	127	0	139	121	126	0	130	122	135	0	139	130	0	0	0	0	0	0
500	63	0	0	4	134	0	145	0	0	0	0	0	133	0	157	114	137	0	158	121	132	0	136	127	141	0	145	138	0	0	0	0	0	0
600	72	0	89	0	132	0	137	0	0	0	0	0	127	0	142	110	130	0	145	120	124	0	131	118	133	0	141	126	0	0	0	0	0	0
700	75	0	96	0	134	0	142	0	0	0	0	0	128	0	138	119	130	0	142	122	126	0	136	119	136	0	142	127	0	0	0	0	0	0
800	71	0	89	0	125	0	135	0	0	0	0	0	126	0	138	112	128	0	141	114	121	0	136	113	130	0	137	122	0	0	0	0	0	0
900	89	0	109	0	122	0	134	0	0	0	0	0	127	0	150	104	129	0	150	110	118	0	135	95	128	0	145	112	0	0	0	0	0	0
1000	83	0	106	0	110	0	126	0	0	0	0	0	129	0	153	100	131	0	153	113	117	0	132	100	125	0	143	105	0	0	0	0	0	0
1100	87	0	113	0	119	0	135	0	0	0	0	0	128	0	146	109	131	0	174	109	120	0	139	101	129	0	148	115	0	0	0	0	0	0
1200	97	0	133	0	154	0	165	0	0	0	0	0	135	0	182	99	138	0	165	121	128	0	144	106	138	0	154	120	0	0	0	0	0	0
1300	100	0	127	0	150	0	155	0	0	0	0	0	132	0	179	109	135	0	183	100	127	0	159	106	136	0	156	113	0	0	0	0	0	0
1400	73	0	0	2	122	0	135	0	0	0	0	0	141	0	202	98	143	3	200	94	132	0	162	109	141	0	173	116	0	0	0	0	0	0
1500	86	0	0	2	133	0	143	0	0	0	0	0	138	0	167	96	140	0	172	102	122	0	138	91	132	0	152	103	0	0	0	0	0	0
1600	78	0	0	2	128	0	139	0	0	0	0	0	135	0	166	109	137	0	156	114	124	0	140	101	133	0	145	114	0	0	0	0	0	0
1700	75	0	0	2	132	0	143	0	0	0	0	0	134	0	166	106	137	0	164	113	129	0	143	113	138	0	153	120	0	0	0	0	0	0
1800	59	0	0	2	114	0	126	0	0	0	0	0	138	0	164	110	141	0	170	119	132	0	145	122	142	0	159	127	0	0	0	0	0	0
1900	48	0	67	0	81	0	90	0	0	0	0	0	131	0	142	121	132	0	144	124	122	0	132	115	132	0	139	122	0	0	0	0	0	0
2000	51	0	77	0	105	0	113	0	0	0	0	0	134	0	151	121	136	0	147	125	126	0	132	121	135	0	140	132	0	0	0	0	0	0
2100	55	0	71	0	94	0	108	0	0	0	0	0	120	0	135	106	122	0	133	105	115	0	121	108	125	0	130	119	0	0	0	0	0	0
2200	50	0	69	0	99	0	111	0	0	0	0	0	131	0	144	116	133	0	142	125	128	0	132	121	138	0	142	130	0	0	0	0	0	0
2300	41	0	58	0	91	0	102	0	0	0	0	0	130	0	137	116	131	0	142	121	132	0	135	126	142	0	145	136	0	0	0	0	0	0
2400	41	0	56	0	72	0	84	0	0	0	0	0	146	0	166	136	148	0	159	136	150	0	153	146	158	0	162	155	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	296	0	296	0	367	0	361	0	320	2	320	2	68	0	65	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
200	292	0	292	0	340	0	334	0	320	2	320	2	45	0	41	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
300	287	0	285	0	329	0	324	0	320	2	320	2	40	0	38	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
400	276	0	276	0	305	0	299	0	320	2	320	2	27	0	23	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
500	274	0	274	0	292	0	287	0	320	2	320	2	16	0	14	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
600	272	0	270	0	285	0	279	0	320	2	320	2	11	0	9	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
700	269	0	269	0	283	0	279	0	320	2	320	2	14	0	11	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
800	267	0	267	0	279	0	272	0	320	2	320	2	9	0	5	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
900	297	0	297	0	312	0	305	0	320	2	320	2	11	0	9	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1000	333	0	333	0	338	0	331	0	320	2	320	2	2	0	-2	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1100	365	0	363	0	379	0	372	0	320	2	320	2	14	0	11	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1200	390	0	387	0	405	0	396	0	320	2	320	2	14	0	9	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1300	412	0	410	0	428	0	419	0	320	2	320	2	13	0	7	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1400	426	0	424	0	437	0	428	0	320	2	320	2	9	0	4	0	0	2	0	2	383	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	435	0	433	0	448	0	437	0	320	2	320	2	11	0	4	0	0	2	0	2	383	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	428	0	426	0	426	0	421	0	320	2	320	2	-4	0	-5	0	0	2	0	2	372	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	417	0	415	0	415	0	410	0	320	2	320	2	-4	0	-7	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1800	401	0	399	0	399	0	392	0	320	2	320	2	-4	0	-7	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	383	0	381	0	388	0	383	0	320	2	320	2	5	0	2	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	378	0	378	0	385	0	381	0	320	2	320	2	7	0	4	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2100	367	0	367	0	376	0	370	0	320	2	320	2	7	0	5	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2200	361	0	360	0	376	0	370	0	320	2	320	2	14	0	11	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
2300	363	0	361	0	394	0	388	0	320	2	320	2	31	0	27	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2400	360	0	360	0	396	0	390	0	320	2	320	2	34	0	31	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	39	0	8	0	67	0	68	0	0	0	0	0	189	0	219	161	188	3	220	153	221	0	229	212	225	0	234	213	0	0	0	0	0	0
200	60	0	70	0	97	0	116	0	0	0	0	0	252	0	283	223	248	0	269	228	253	0	262	245	256	0	268	247	0	0	0	0	0	0
300	62	0	81	0	112	0	132	0	0	0	0	0	280	0	343	245	275	0	307	242	280	0	298	248	282	0	301	259	0	0	0	0	0	0
400	43	0	65	0	111	0	129	0	0	0	0	0	311	0	342	274	307	0	335	279	312	0	319	303	312	0	323	306	0	0	0	0	0	0
500	68	0	89	0	151	0	173	0	0	0	0	0	320	0	350	278	312	0	338	272	312	0	316	309	312	0	316	309	0	0	0	0	0	0
600	109	0	127	0	178	0	184	0	0	0	0	0	311	0	330	284	305	0	326	273	307	0	315	303	308	0	313	302	0	0	0	0	0	0
700	95	0	113	0	163	0	166	0	0	0	0	0	310	0	333	280	306	0	331	284	306	0	314	302	307	0	312	300	0	0	0	0	0	0
800	100	0	115	0	182	0	193	0	0	0	0	0	312	0	346	287	306	0	346	276	308	0	312	304	309	0	314	303	0	0	0	0	0	0
900	112	0	131	0	211	0	228	0	0	0	0	0	325	0	6	277	320	0	352	270	322	0	330	314	323	0	335	310	0	0	0	0	0	0
1000	150	0	159	0	231	0	234	0	0	0	0	0	342	0	9	310	336	0	0	303	332	0	345	316	333	0	346	320	0	0	0	0	0	0
1100	145	0	158	0	226	0	225	0	0	0	0	0	348	0	22	307	340	0	16	312	339	0	10	316	340	0	12	305	0	0	0	0	0	0
1200	150	0	170	0	230	0	239	0	0	0	0	0	348	0	21	306	343	0	33	303	336	0	348	317	339	0	356	323	0	0	0	0	0	0
1300	118	0	138	0	202	0	216	0	0	0	0	0	343	0	19	296	338	0	10	306	334	0	344	320	335	0	354	310	0	0	0	0	0	0
1400	121	0	139	0	210	0	212	0	0	0	0	0	349	0	36	282	346	0	55	303	343	0	14	313	345	0	19	290	0	0	0	0	0	0
1500	81	0	94	0	169	0	178	0	0	0	0	0	4	0	81	294	2	0	83	289	347	0	26	300	350	0	37	290	0	0	0	0	0	0
1600	155	0	168	0	234	0	247	0	0	0	0	0	340	0	6	307	335	0	359	308	331	0	343	321	332	0	340	318	0	0	0	0	0	0
1700	94	0	104	0	166	0	183	0	0	0	0	0	359	0	94	302	356	0	67	299	344	0	25	306	346	0	38	293	0	0	0	0	0	0
1800	121	0	143	0	202	0	212	0	0	0	0	0	351	0	67	316	345	0	46	307	342	0	8	318	344	0	24	324	0	0	0	0	0	0
1900	50	0	68	0	125	0	134	0	0	0	0	0	358	0	75	294	354	0	58	305	344	0	1	323	346	0	2	318	0	0	0	0	0	0
2000	47	0	64	0	114	0	126	0	0	0	0	0	347	0	17	321	340	0	13	314	334	0	338	328	335	0	341	325	0	0	0	0	0	0
2100	39	0	57	0	98	0	111	0	0	0	0	0	332	0	10	287	324	0	356	276	328	0	332	325	329	0	332	326	0	0	0	0	0	0
2200	48	0	67	0	86	0	101	0	0	0	0	0	309	0	326	285	303	0	314	280	309	0	313	301	309	0	312	301	0	0	0	0	0	0
2300	61	0	79	0	90	0	100	0	0	0	0	0	314	0	334	291	307	0	324	283	302	0	306	297	302	0	307	298	0	0	0	0	0	0
2400	49	0	70	0	76	0	91	0	0	0	0	0	41	0	80	304	38	0	78	329	18	0	49	325	23	0	54	322	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	367	0	365	0	410	0	405	0	320	2	320	2	41	0	40	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
200	379	0	379	0	394	0	388	0	320	2	320	2	13	0	9	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
300	360	0	358	0	370	0	367	0	320	2	320	2	11	0	7	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
400	347	0	345	0	354	0	349	0	320	2	320	2	7	0	4	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
500	343	0	342	0	356	0	351	0	320	2	320	2	11	0	7	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
600	349	0	347	0	356	0	352	0	320	2	320	2	5	0	4	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
700	347	0	345	0	352	0	347	0	320	2	320	2	4	0	2	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
800	345	0	343	0	352	0	347	0	320	2	320	2	5	0	4	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
900	351	0	351	0	356	0	352	0	320	2	320	2	4	0	2	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1000	351	0	351	0	352	0	347	0	320	2	320	2	0	0	-4	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1100	354	0	352	0	352	0	347	0	320	2	320	2	-4	0	-5	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1200	354	0	352	0	352	0	347	0	320	2	320	2	-2	0	-5	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1300	351	0	349	0	349	0	343	0	320	2	320	2	-4	0	-5	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1400	351	0	349	0	347	0	342	0	320	2	320	2	-4	0	-7	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1500	347	0	345	0	343	0	338	0	320	2	320	2	-5	0	-7	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1600	342	0	340	0	340	0	334	0	320	2	320	2	-4	0	-7	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1700	342	0	340	0	338	0	333	0	320	2	320	2	-5	0	-9	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1800	342	0	340	0	338	0	334	0	320	2	320	2	-4	0	-5	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	329	0	329	0	331	0	327	0	320	2	320	2	2	0	-4	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	329	0	327	0	334	0	329	0	320	2	320	2	7	0	4	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2100	325	0	325	0	336	0	331	0	320	2	320	2	9	0	5	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2200	324	0	324	0	338	0	334	0	320	2	320	2	14	0	9	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2300	327	0	327	0	342	0	336	0	320	2	320	2	14	0	9	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2400	333	0	331	0	333	0	327	0	320	2	320	2	-2	0	-5	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	46	0	69	0	73	0	95	0	0	0	0	0	71	0	97	39	72	0	101	38	49	0	69	33	56	0	69	45	0	0	0	0	0	0
200	31	0	51	0	50	0	67	0	0	0	0	0	75	0	99	52	76	0	101	47	52	0	77	32	59	0	77	45	0	0	0	0	0	0
300	56	0	71	0	85	0	95	0	0	0	0	0	94	0	119	72	94	0	128	67	73	0	83	57	81	0	94	65	0	0	0	0	0	0
400	59	0	74	0	85	0	93	0	0	0	0	0	89	0	115	69	88	0	116	62	70	0	86	54	78	0	95	62	0	0	0	0	0	0
500	67	0	81	0	107	0	117	0	0	0	0	0	103	0	125	79	105	0	146	78	85	0	111	74	93	0	116	83	0	0	0	0	0	0
600	64	0	74	0	98	0	106	0	0	0	0	0	110	0	145	86	111	0	149	70	91	0	133	78	99	0	116	84	0	0	0	0	0	0
700	42	0	0	2	77	0	89	0	0	0	0	0	133	0	155	115	136	0	160	120	125	0	136	111	135	0	146	123	0	0	0	0	0	0
800	31	0	0	2	50	0	61	0	0	0	0	0	115	0	140	94	115	0	130	98	106	0	119	91	115	0	131	96	0	0	0	0	0	0
900	66	0	93	0	100	0	112	0	0	0	0	0	132	0	166	96	136	0	174	105	125	0	144	110	135	0	157	116	0	0	0	0	0	0
1000	74	0	100	0	115	0	125	0	0	0	0	0	131	0	161	106	134	0	161	104	127	0	154	107	137	0	155	121	0	0	0	0	0	0
1100	43	0	69	0	71	0	83	0	0	0	0	0	136	0	176	85	136	0	178	91	136	0	169	102	145	0	171	112	0	0	0	0	0	0
1200	66	0	84	0	100	0	113	0	0	0	0	0	159	0	197	118	159	0	220	114	148	0	174	118	156	0	177	126	0	0	0	0	0	0
1300	55	0	76	0	104	0	116	0	0	0	0	0	164	0	215	110	165	0	233	113	158	0	191	132	167	0	231	143	0	0	0	0	0	0
1400	29	0	45	0	64	0	74	0	0	0	0	0	172	3	269	91	170	0	264	102	159	0	208	95	165	0	238	98	0	0	0	0	0	0
1500	65	0	77	0	119	0	120	0	0	0	0	0	181	0	267	90	180	0	247	97	171	0	199	115	178	0	217	127	0	0	0	0	0	0
1600	60	0	78	0	120	0	120	0	0	0	0	0	179	0	238	112	178	0	240	108	171	0	200	147	177	0	200	152	0	0	0	0	0	0
1700	55	0	70	0	113	0	121	0	0	0	0	0	174	0	240	106	174	0	248	108	168	0	205	138	175	0	208	149	0	0	0	0	0	0
1800	36	0	51	0	83	0	90	0	0	0	0	0	177	0	239	93	175	0	243	107	173	0	202	138	178	0	208	154	0	0	0	0	0	0
1900	49	0	68	0	100	0	109	0	0	0	0	0	163	0	226	110	164	0	233	114	163	0	182	138	170	0	205	149	0	0	0	0	0	0
2000	56	0	76	0	118	0	128	0	0	0	0	0	168	0	231	102	169	0	263	111	163	0	192	128	169	0	194	132	0	0	0	0	0	0
2100	42	0	59	0	100	0	107	0	0	0	0	0	174	0	232	128	172	0	228	106	166	0	191	137	173	0	189	139	0	0	0	0	0	0
2200	31	0	51	0	70	0	82	0	0	0	0	0	156	0	203	117	160	0	210	90	160	0	192	135	167	0	190	141	0	0	0	0	0	0
2300	29	0	37	0	80	0	86	0	0	0	0	0	162	0	219	95	160	0	210	105	164	0	194	128	169	0	194	145	0	0	0	0	0	0
2400	37	0	16	0	97	0	104	0	0	0	0	0	171	0	255	110	171	3	220	115	165	0	181	147	172	0	191	156	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	305	0	305	0	303	0	297	0	320	2	320	2	-4	0	-7	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
200	301	0	301	0	297	0	292	0	320	2	320	2	-3	0	-9	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
300	296	0	294	0	292	0	287	0	320	2	320	2	-5	0	-7	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
400	283	0	283	0	279	0	276	0	320	2	320	2	-5	0	-9	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
500	263	0	261	0	261	0	256	0	320	2	320	2	-4	0	-7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
600	251	0	249	0	249	0	243	0	320	2	320	2	-4	0	-7	0	0	2	0	2	278	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
700	249	0	247	0	247	0	242	0	320	2	320	2	-4	0	-7	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
800	238	0	240	0	242	0	236	0	320	2	320	2	2	0	-4	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
900	249	0	249	0	247	0	242	0	320	2	320	2	-4	0	-7	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	100	6
1000	263	0	261	0	265	0	260	0	320	2	320	2	0	0	-4	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1100	305	0	303	0	322	0	314	0	320	2	320	2	14	0	11	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1200	325	0	324	0	331	0	322	0	320	2	320	2	5	0	0	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1300	361	0	358	0	365	0	356	0	320	2	320	2	4	0	-2	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1400	367	0	363	0	356	0	349	0	320	2	320	2	-11	0	-14	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1500	360	0	361	0	354	0	347	0	320	2	320	2	-7	0	-13	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1600	356	0	354	0	343	0	338	0	320	2	320	2	-13	0	-16	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1700	356	0	352	0	347	0	342	0	320	2	320	2	-7	0	-11	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1800	351	0	349	0	345	0	340	0	320	2	320	2	-5	0	-9	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	345	0	343	0	340	0	334	0	320	2	320	2	-5	0	-9	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	334	0	334	0	331	0	327	0	320	2	320	2	-5	0	-9	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2100	338	0	336	0	336	0	331	0	320	2	320	2	-4	0	-7	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2200	340	0	338	0	336	0	331	0	320	2	320	2	-4	0	-7	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2300	338	0	336	0	336	0	331	0	320	2	320	2	2	0	-5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2400	320	0	317	0	312	0	306	0	320	2	320	2	-9	0	-11	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0

SI[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD2 30 A	S	WIND SPD3 30 B	S	WIND SPD4 150A	S	WIND SPD5 150B	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	44	0	39	0	108	0	103	0	0	0	0	0	186	0	256	111	188	0	247	124	176	0	200	148	180	0	211	119	0	0	0	0	0	0
200	40	0	32	0	86	0	91	0	0	0	0	0	177	0	235	119	179	0	239	112	173	0	202	155	180	0	210	146	0	0	0	0	0	0
300	22	0	33	0	61	0	65	0	0	0	0	0	195	3	267	95	243	0	354	180	187	0	248	126	193	0	251	126	0	0	0	0	0	0
400	29	0	41	0	67	0	69	0	0	0	0	0	225	0	255	185	224	0	246	182	221	0	238	204	226	0	242	212	0	0	0	0	0	0
500	31	0	43	0	63	0	72	0	0	0	0	0	245	0	272	211	243	0	266	218	240	0	253	225	244	0	255	235	0	0	0	0	0	0
600	35	0	50	0	52	0	67	0	0	0	0	0	253	0	279	221	250	0	280	228	237	0	290	234	262	0	286	245	0	0	0	0	0	0
700	21	0	39	0	44	0	59	0	0	0	0	0	272	0	322	237	270	0	311	238	287	0	310	252	288	0	307	249	0	0	0	0	0	0
800	76	0	41	0	116	0	127	0	0	0	0	0	24	0	58	359	21	0	55	357	359	0	18	332	2	0	24	336	0	0	0	0	0	0
900	65	0	81	0	102	0	111	0	0	0	0	0	31	0	59	6	27	0	66	352	11	0	33	345	16	0	40	348	0	0	0	0	0	0
1000	47	0	67	0	76	0	89	0	0	0	0	0	25	0	74	319	18	0	77	315	358	0	34	324	2	0	34	323	0	0	0	0	0	0
1100	60	0	79	0	84	0	94	0	0	0	0	0	35	0	79	359	31	0	59	352	12	0	36	335	16	0	46	337	0	0	0	0	0	0
1200	48	0	64	0	58	0	69	0	0	0	0	0	30	0	68	346	26	0	69	336	13	0	108	341	16	0	60	334	0	0	0	0	0	0
1300	81	0	104	0	102	0	123	0	0	0	0	0	74	0	135	39	75	0	112	44	53	0	77	32	60	0	81	38	0	0	0	0	0	0
1400	108	0	129	0	132	0	150	0	0	0	0	0	74	0	109	34	74	0	115	35	55	0	74	37	63	0	81	46	0	0	0	0	0	0
1500	117	0	83	0	133	0	144	0	0	0	0	0	79	0	106	27	79	0	107	50	59	0	79	13	67	0	86	17	0	0	0	0	0	0
1600	108	0	129	0	139	0	153	0	0	0	0	0	76	0	108	35	78	0	100	39	57	0	79	36	65	0	79	38	0	0	0	0	0	0
1700	115	0	0	2	140	0	152	0	0	0	0	0	82	0	106	46	82	3	115	54	61	0	83	40	68	0	92	43	0	0	0	0	0	0
1800	132	0	113	2	155	0	163	0	0	0	0	0	91	0	147	57	91	0	134	50	70	0	114	49	78	0	111	55	0	0	0	0	0	0
1900	125	0	87	0	164	0	172	0	0	0	0	0	84	0	109	61	83	0	117	61	66	0	91	50	73	0	97	56	0	0	0	0	0	0
2000	112	0	68	0	152	0	165	0	0	0	0	0	77	0	125	50	76	0	104	47	60	0	77	38	66	0	84	45	0	0	0	0	0	0
2100	132	0	149	0	174	0	182	0	0	0	0	0	78	0	119	36	79	0	123	49	64	0	88	43	72	0	101	54	0	0	0	0	0	0
2200	134	0	0	2	172	0	178	0	0	0	0	0	86	0	122	52	87	3	118	56	69	0	91	47	78	0	102	54	0	0	0	0	0	0
2300	118	0	0	2	153	0	161	0	0	0	0	0	85	0	121	45	83	3	116	38	66	0	88	40	74	0	101	46	0	0	0	0	0	0
2400	119	0	71	0	161	0	170	0	0	0	0	0	90	0	127	60	92	0	130	60	73	0	97	50	82	0	110	57	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	HISC 1	S	HISC 2	S	HISC 3	S	HISC 4	S	HISC 5	S	HISC 6	S	HISC 7	S	RAIN	S
100	322	0	320	0	317	0	314	0	320	2	320	2	-5	0	-5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	325	0	324	0	322	0	317	0	320	2	320	2	-4	0	-7	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	101	6
300	331	0	329	0	331	0	325	0	320	2	320	2	0	0	-5	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
400	333	0	331	0	342	0	338	0	320	2	320	2	9	0	5	0	0	2	0	2	324	2.	0	2	0	2	0	2	0	2	0	2	0	2	102	0
500	347	0	345	0	349	0	343	0	320	2	320	2	2	0	-2	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
600	345	0	343	0	347	0	342	0	320	2	320	2	0	0	-4	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
700	342	0	340	0	343	0	338	0	320	2	320	2	2	0	-2	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
800	342	0	340	0	338	0	333	0	320	2	320	2	-4	0	-7	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
900	340	0	338	0	336	0	331	0	320	2	320	2	-4	0	-7	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1000	342	0	340	0	336	0	331	0	320	2	320	2	-5	0	-7	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1100	349	0	349	0	354	0	347	0	320	2	320	2	5	0	0	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	367	0	363	0	376	0	369	0	320	2	320	2	11	0	5	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	101	6
1300	347	0	345	0	342	0	336	0	320	2	320	2	-7	0	-9	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1400	325	0	324	0	317	0	312	0	320	2	320	2	-9	0	-11	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1500	306	0	305	0	299	0	296	0	320	2	320	2	-7	0	-9	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1600	288	0	287	0	281	0	276	0	320	2	320	2	-7	0	-11	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1700	278	0	276	0	270	0	267	0	320	2	320	2	-5	0	-9	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1800	267	0	265	0	258	0	252	0	320	2	320	2	-7	0	-11	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1900	251	0	249	0	242	0	238	0	320	2	320	2	-9	0	-13	0.	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2000	238	0	236	0	231	0	225	0	320	2	320	2	-9	0	-13	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	229	0	227	0	220	0	216	0	320	2	320	2	-9	0	-13	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	218	0	218	0	211	0	206	0	320	2	320	2	-9	0	-13	0	0	2	0	2	267	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2300	204	0	204	0	197	0	191	0	320	2	320	2	-7	0	-13	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2400	191	0	189	0	184	0	180	0	320	2	320	2	-7	0	-11	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	112	0	0	2	150	0	157	0	0	0	0	0	79	0	106	46	80	3	106	44	63	0	91	24	71	0	88	43	0	0	0	0	0	0
200	126	0	143	2	157	0	163	0	0	0	0	0	83	0	113	50	85	0	115	59	69	0	85	54	76	0	92	56	0	0	0	0	0	0
300	122	0	0	2	158	0	166	0	0	0	0	0	92	0	128	68	91	3	125	63	76	0	106	49	84	0	111	66	0	0	0	0	0	0
400	152	0	0	2	210	0	215	0	0	0	0	0	101	0	129	65	101	3	133	75	82	0	104	57	91	0	117	73	0	0	0	0	0	0
500	158	0	0	2	202	0	208	0	0	0	0	0	96	0	125	63	99	3	143	47	79	0	105	58	88	0	113	64	0	0	0	0	0	0
600	138	0	8	2	179	0	182	0	0	0	0	0	95	0	123	67	96	3	121	69	77	0	98	60	85	0	107	70	0	0	0	0	0	0
700	94	0	10	2	121	0	130	0	0	0	0	0	95	0	141	67	96	3	129	67	78	0	97	60	85	0	101	71	0	0	0	0	0	0
800	130	0	42	2	173	0	179	0	0	0	0	0	107	0	146	82	105	0	136	71	90	0	119	64	97	0	112	74	0	0	0	0	0	0
900	164	0	7	2	196	0	202	0	0	0	0	0	111	0	139	83	113	3	149	86	92	0	120	66	100	0	116	77	0	0	0	0	0	0
1000	131	0	0	2	176	0	183	0	0	0	0	0	103	0	141	60	103	3	144	71	87	0	116	65	96	0	116	67	0	0	0	0	0	0
1100	131	0	0	2	168	0	175	0	0	0	0	0	103	0	151	71	100	3	158	66	87	0	111	69	94	0	116	53	0	0	0	0	0	0
1200	144	0	0	2	186	0	190	0	0	0	0	0	109	0	141	62	110	0	144	77	91	0	121	66	99	0	123	78	0	0	0	0	0	0
1300	126	0	0	2	162	0	172	0	0	0	0	0	89	0	151	57	87	3	140	56	76	0	120	43	83	0	118	45	0	0	0	0	0	0
1400	148	0	0	2	178	0	190	0	0	0	0	0	97	0	134	64	96	3	142	49	80	0	115	63	89	0	135	70	0	0	0	0	0	0
1500	135	0	0	2	172	0	180	0	0	0	0	0	94	0	136	65	94	3	137	63	80	0	109	55	87	0	109	57	0	0	0	0	0	0
1600	127	0	0	2	158	0	162	0	0	0	0	0	89	0	143	57	89	0	143	63	74	0	95	48	82	0	120	64	0	0	0	0	0	0
1700	98	0	0	2	131	0	139	0	0	0	0	0	100	0	141	45	100	3	136	49	77	0	102	50	85	0	113	63	0	0	0	0	0	0
1800	106	0	0	2	139	0	147	0	0	0	0	0	81	0	118	48	83	3	130	56	66	0	98	40	73	0	93	56	0	0	0	0	0	0
1900	108	0	0	2	149	0	160	0	0	0	0	0	106	0	140	71	109	3	136	74	92	0	114	71	100	0	123	81	0	0	0	0	0	0
2000	105	0	0	2	141	0	148	0	0	0	0	0	102	0	132	75	99	0	135	62	85	0	114	66	94	0	122	67	0	0	0	0	0	0
2100	119	0	0	2	162	0	170	0	0	0	0	0	95	0	131	67	95	0	121	74	81	0	105	66	89	0	115	71	0	0	0	0	0	0
2200	103	0	0	2	131	0	139	0	0	0	0	0	101	0	125	71	102	3	136	75	83	0	111	56	91	0	115	65	0	0	0	0	0	0
2300	113	0	0	2	146	0	155	0	0	0	0	0	103	0	145	70	102	3	142	71	86	0	113	64	94	0	114	68	0	0	0	0	0	0
2400	133	0	0	2	171	0	181	0	0	0	0	0	102	0	139	62	102	0	146	68	86	0	108	63	95	0	117	66	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	175	0	173	0	166	0	162	0	320	2	320	2	-7	0	-13	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	157	0	157	0	150	0	146	0	320	2	320	2	-7	0	-11	0	0	2	0	2	234	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
300	137	0	137	0	132	0	126	0	320	2	320	2	-7	0	-11	0	0	2	0	2	225	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
400	123	0	121	0	114	0	110	0	320	2	320	2	-7	0	-11	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
500	114	0	112	0	107	0	103	0	320	2	320	2	-7	0	-11	0	0	2	0	2	213	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
600	110	0	108	0	103	0	99	0	320	2	320	2	-7	0	-11	0	0	2	0	2	209	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
700	103	0	103	0	98	0	92	0	320	2	320	2	-7	0	-11	0	0	2	0	2	207	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
800	99	0	99	0	94	0	90	0	320	2	320	2	-5	0	-9	0	0	2	0	2	207	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
900	105	0	103	0	108	0	103	0	320	2	320	2	4	0	0	0	0	2	0	2	215	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1000	119	0	117	0	126	0	121	0	320	2	320	2	7	0	4	0	0	2	0	2	224	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1100	137	0	137	0	146	0	141	0	320	2	320	2	7	0	4	0	0	2	0	2	238	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	150	0	148	0	157	0	152	0	320	2	320	2	7	0	4	0	0	2	0	2	240	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1300	164	0	162	0	175	0	171	0	320	2	320	2	11	0	7	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1400	175	0	173	0	188	0	180	0	320	2	320	2	13	0	7	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1500	193	0	191	0	213	0	202	0	320	2	320	2	18	0	11	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1600	200	0	198	0	209	0	204	0	320	2	320	2	9	0	4	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1700	197	0	197	0	197	0	191	0	320	2	320	2	0	0	-4	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1800	188	0	188	0	184	0	179	0	320	2	320	2	-5	0	-9	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1900	168	0	166	0	161	0	155	0	320	2	320	2	-7	0	-11	0	0	2	0	2	238	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2000	152	0	150	0	146	0	141	0	320	2	320	2	-5	0	-9	0	0	2	0	2	231	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	144	0	143	0	137	0	135	0	320	2	320	2	-5	0	-9	0	0	2	0	2	227	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	139	0	137	0	134	0	128	0	320	2	320	2	-5	0	-11	0	0	2	0	2	225	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
2300	132	0	130	0	125	0	121	0	320	2	320	2	-7	0	-11	0	0	2	0	2	222	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
2400	121	0	119	0	114	0	110	0	320	2	320	2	-7	0	-11	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	146	0	0	2	201	0	206	0	0	0	0	0	103	0	140	69	103	3	133	65	87	0	103	63	95	0	112	73	0	0	0	0	0	0
200	156	0	0	2	194	0	202	0	0	0	0	0	109	0	133	82	108	0	134	71	91	0	114	69	99	0	124	75	0	0	0	0	0	0
300	152	0	0	2	205	0	211	0	0	0	0	0	104	0	143	77	102	3	141	72	84	0	129	55	92	0	117	57	0	0	0	0	0	0
400	136	0	0	2	184	0	188	0	0	0	0	0	100	0	157	67	100	3	132	58	84	0	104	61	91	0	122	59	0	0	0	0	0	0
500	132	0	0	2	167	0	175	0	0	0	0	0	102	0	138	75	101	3	139	68	86	0	106	60	93	0	130	67	0	0	0	0	0	0
600	124	0	0	2	167	0	172	0	0	0	0	0	97	0	122	62	98	3	128	67	79	0	97	58	87	0	100	64	0	0	0	0	0	0
700	155	0	0	2	206	0	211	0	0	0	0	0	92	0	124	64	92	0	117	51	77	0	112	64	85	0	123	67	0	0	0	0	0	0
800	158	0	0	2	194	0	199	0	0	0	0	0	89	0	129	63	89	3	119	63	71	0	86	51	79	0	104	56	0	0	0	0	0	0
900	146	0	71	2	190	0	192	0	0	0	0	0	96	0	138	62	96	0	128	61	81	0	116	63	88	0	113	68	0	0	0	0	0	0
1000	136	0	0	2	187	0	191	0	0	0	0	0	102	0	136	61	100	3	134	49	84	0	118	58	91	0	120	60	0	0	0	0	0	0
1100	145	0	0	2	179	0	180	0	0	0	0	0	88	0	123	30	90	3	138	51	74	0	146	23	82	0	110	50	0	0	0	0	0	0
1200	141	0	0	2	175	0	172	0	0	0	0	0	92	0	130	68	91	0	126	63	81	0	167	50	87	0	124	66	0	0	0	0	0	0
1300	134	0	141	0	158	0	171	0	0	0	0	0	95	0	129	54	92	0	134	53	78	0	102	47	86	0	117	60	0	0	0	0	0	0
1400	150	0	161	0	188	0	196	0	0	0	0	0	100	0	158	55	97	0	150	51	81	0	103	47	88	0	118	50	0	0	0	0	0	0
1500	144	0	130	0	178	0	185	0	0	0	0	0	103	0	132	70	103	0	146	62	81	0	105	54	90	0	118	64	0	0	0	0	0	0
1600	151	0	162	0	188	0	196	0	0	0	0	0	95	0	137	59	97	0	149	53	76	0	102	45	84	0	115	48	0	0	0	0	0	0
1700	119	0	140	0	158	0	171	0	0	0	0	0	72	0	99	38	72	0	113	44	57	0	85	27	66	0	93	47	0	0	0	0	0	0
1800	114	0	135	0	147	0	168	0	0	0	0	0	72	0	109	42	72	0	106	42	55	0	82	32	61	0	82	31	0	0	0	0	0	0
1900	124	0	155	0	169	0	186	0	0	0	0	0	71	0	100	48	72	0	107	43	57	0	88	34	64	0	88	41	0	0	0	0	0	0
2000	121	0	144	0	146	0	167	0	0	0	0	0	71	0	113	44	71	0	101	46	53	0	74	24	60	0	80	29	0	0	0	0	0	0
2100	112	0	129	0	149	0	157	0	0	0	0	0	85	0	132	53	84	0	124	48	67	0	92	46	75	0	104	54	0	0	0	0	0	0
2200	113	0	130	0	160	0	168	0	0	0	0	0	97	0	141	70	97	0	135	65	79	0	115	57	89	0	118	61	0	0	0	0	0	0
2300	103	0	113	0	143	0	150	0	0	0	0	0	101	0	145	56	99	0	140	59	83	0	109	65	90	0	121	75	0	0	0	0	0	0
2400	94	0	113	0	134	0	142	0	0	0	0	0	93	0	133	70	94	0	125	68	77	0	100	56	85	0	108	69	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	110	0	108	0	103	0	99	0	320	2	320	2	-7	0	-11	0	0	2	0	2	211	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	101	0	101	0	94	0	90	0	320	2	320	2	-7	0	-11	0	0	2	0	2	207	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
300	99	0	99	0	94	0	89	0	320	2	320	2	-7	0	-11	0	0	2	0	2	207	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
400	107	0	105	0	101	0	96	0	320	2	320	2	-7	0	-11	0	0	2	0	2	209	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
500	119	0	117	0	112	0	108	0	320	2	320	2	-7	0	-11	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
600	121	0	119	0	114	0	110	0	320	2	320	2	-7	0	-11	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
700	121	0	121	0	114	0	110	0	320	2	320	2	-7	0	-11	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
800	123	0	123	0	117	0	112	0	320	2	320	2	-7	0	-11	0	0	2	0	2	218	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
900	130	0	130	0	126	0	123	0	320	2	320	2	-5	0	-9	0	0	2	0	2	224	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1000	137	0	137	0	135	0	134	0	320	2	320	2	-2	0	-5	0	0	2	0	2	229	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
1100	148	0	144	0	150	0	144	0	320	2	320	2	4	0	0	0	0	2	0	2	240	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	171	0	168	0	173	0	170	0	320	2	320	2	4	0	2	0	0	2	0	2	240	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1300	188	0	186	0	197	0	191	0	320	2	320	2	7	0	5	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1400	213	0	211	0	229	0	220	0	320	2	320	2	14	0	7	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1500	231	0	229	0	249	0	238	0	320	2	320	2	18	0	11	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1600	247	0	245	0	263	0	256	0	320	2	320	2	16	0	9	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	101	6
1700	254	0	251	0	249	0	243	0	320	2	320	2	-5	0	-7	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1800	236	0	234	0	231	0	225	0	320	2	320	2	-7	0	-11	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	101	6
1900	222	0	220	0	216	0	211	0	320	2	320	2	-7	0	-11	0	0	2	0	2	267	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2000	215	0	215	0	207	0	204	0	320	2	320	2	-7	0	-11	0	0	2	0	2	263	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	207	0	206	0	198	0	195	0	320	2	320	2	-7	0	-11	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	202	0	200	0	195	0	189	0	320	2	320	2	-7	0	-11	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2300	197	0	195	0	189	0	184	0	320	2	320	2	-7	0	-11	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2400	191	0	189	0	186	0	182	0	320	2	320	2	-7	0	-11	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	98	0	112	0	128	0	137	0	0	0	0	0	93	0	126	67	92	0	127	61	78	0	98	54	87	0	111	66	0	0	0	0	0	0
200	82	0	96	0	117	0	126	0	0	0	0	0	87	0	121	63	88	0	112	65	70	0	88	55	78	0	98	60	0	0	0	0	0	0
300	87	0	102	0	123	0	130	0	0	0	0	0	85	0	110	55	84	0	108	62	66	0	88	54	74	0	90	58	0	0	0	0	0	0
400	59	0	74	0	88	0	94	0	0	0	0	0	85	0	127	64	83	0	115	60	68	0	91	51	76	0	101	53	0	0	0	0	0	0
500	77	0	82	0	107	0	119	0	0	0	0	0	78	0	109	49	79	0	105	49	60	0	84	46	68	0	84	50	0	0	0	0	0	0
600	79	0	78	0	119	0	121	0	0	0	0	0	80	0	102	54	79	0	102	53	58	0	77	355	69	0	85	49	0	0	0	0	0	0
700	86	0	94	0	124	0	132	0	0	0	0	0	81	0	126	46	81	0	122	45	62	0	84	42	70	0	100	53	0	0	0	0	0	0
800	112	0	124	0	141	0	94	2	0	0	0	0	84	0	128	59	82	0	125	60	63	0	96	39	72	0	95	48	0	0	0	0	0	0
900	117	0	99	0	139	0	119	2	0	0	0	0	88	0	122	46	88	0	138	57	70	0	102	42	78	0	115	46	0	0	0	0	0	0
1000	139	0	120	0	160	0	121	2	0	0	0	0	90	0	112	60	88	0	116	54	73	0	95	57	79	0	99	51	0	0	0	0	0	0
1100	115	0	120	0	146	0	155	0	0	0	0	0	85	0	116	62	86	0	125	52	68	0	100	48	76	0	106	57	0	0	0	0	0	0
1200	135	0	154	0	172	0	179	0	0	0	0	0	83	0	130	47	83	0	121	42	67	0	102	45	75	0	98	50	0	0	0	0	0	0
1300	128	0	140	0	170	0	174	0	0	0	0	0	93	0	130	59	94	0	135	69	78	0	142	49	84	0	109	55	0	0	0	0	0	0
1400	113	0	170	0	148	0	157	0	0	0	0	0	85	0	133	50	85	0	123	52	68	0	156	41	74	0	97	51	0	0	0	0	0	0
1500	93	0	115	0	129	0	138	0	0	0	0	0	83	0	140	46	80	0	129	43	68	0	102	40	74	0	106	43	0	0	0	0	0	0
1600	95	0	118	0	128	0	138	0	0	0	0	0	79	0	118	41	80	0	137	38	67	0	133	38	74	0	112	51	0	0	0	0	0	0
1700	114	0	134	0	153	0	162	0	0	0	0	0	81	0	126	52	82	0	111	60	64	0	95	48	72	0	98	58	0	0	0	0	0	0
1800	91	0	116	0	120	0	137	0	0	0	0	0	70	0	89	45	71	0	102	52	56	0	77	37	63	0	84	41	0	0	0	0	0	0
1900	84	0	105	0	121	0	134	0	0	0	0	0	77	0	125	45	77	0	105	49	58	0	86	32	65	0	82	43	0	0	0	0	0	0
2000	91	0	115	0	131	0	151	0	0	0	0	0	70	0	104	26	73	0	107	32	55	0	74	24	62	0	80	42	0	0	0	0	0	0
2100	80	0	23	2	117	0	129	0	0	0	0	0	80	0	108	53	81	0	106	52	60	0	80	37	66	0	88	44	0	0	0	0	0	0
2200	81	0	24	2	120	0	133	0	0	0	0	0	78	0	100	61	78	0	97	43	59	0	77	40	65	0	79	48	0	0	0	0	0	0
2300	85	0	11	2	121	0	128	0	0	0	0	0	82	0	107	53	82	0	112	53	61	0	78	26	68	0	81	53	0	0	0	0	0	0
2400	78	0	16	2	117	0	124	0	0	0	0	0	84	0	116	57	84	0	116	55	64	0	78	52	71	0	84	51	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	189	0	189	0	184	0	180	0	320	2	320	2	-5	0	-9	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	188	0	186	0	184	0	180	0	320	2	320	2	-4	0	-7	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
300	191	0	189	0	188	0	184	0	320	2	320	2	-5	0	-9	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
400	197	0	197	0	193	0	188	0	320	2	320	2	-4	0	-9	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
500	189	0	189	0	188	0	184	0	320	2	320	2	-2	0	-7	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
600	197	0	195	0	193	0	188	0	320	2	320	2	-4	0	-7	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
700	207	0	206	0	202	0	197	0	320	2	320	2	-5	0	-9	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
800	207	0	207	0	202	0	198	0	320	2	320	2	-5	0	-9	0	0	2	0	2	261	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
900	215	0	213	0	213	0	207	0	320	2	320	2	2	0	-5	0	0	2	0	2	267	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1000	233	0	231	0	247	0	242	0	320	2	320	2	14	0	13	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1100	256	0	254	0	261	0	256	0	320	2	320	2	5	0	2	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	281	0	279	0	285	0	281	0	320	2	320	2	4	0	2	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1300	301	0	299	0	303	0	299	0	320	2	320	2	2	0	2	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	101	6
1400	315	0	314	0	322	0	315	0	320	2	320	2	5	0	2	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1500	324	0	322	0	331	0	324	0	320	2	320	2	7	0	2	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1600	331	0	329	0	340	0	334	0	320	2	320	2	9	0	5	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1700	329	0	327	0	345	0	340	0	320	2	320	2	16	0	13	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1800	312	0	308	0	314	0	308	0	320	2	320	2	4	0	0	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1900	287	0	285	0	281	0	278	0	320	2	320	2	-4	0	-9	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2000	270	0	269	0	267	0	261	0	320	2	320	2	-4	0	-9	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	256	0	254	0	251	0	245	0	320	2	320	2	-4	0	-9	0	0	2	0	2	281	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	242	0	242	0	240	0	234	0	320	2	320	2	-4	0	-7	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2300	233	0	231	0	229	0	225	0	320	2	320	2	-4	0	-7	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2400	222	0	222	0	220	0	216	0	320	2	320	2	2	0	-5	0	0	2	0	2	265	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0

S[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

P[illegible]ING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION .1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY 18, 1987

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	60	0	30	2	97	0	106	0	0	0	0	0	80	0	102	61	80	0	92	64	65	0	76	51	72	0	81	56	0	0	0	0	0	0
200	40	0	20	2	77	0	96	0	0	0	0	0	63	0	85	47	64	0	91	46	54	0	61	46	61	0	72	52	0	0	0	0	0	0
300	38	0	47	2	93	0	121	0	0	0	0	0	64	0	77	48	64	0	77	42	50	0	57	41	57	0	65	51	0	0	0	0	0	0
400	57	0	47	2	91	0	114	0	0	0	0	0	66	0	79	47	66	0	94	46	52	0	62	44	59	0	68	51	0	0	0	0	0	0
500	64	0	11	2	109	0	133	0	0	0	0	0	71	0	94	42	71	0	95	53	52	0	62	43	59	0	68	50	0	0	0	0	0	0
600	94	0	28	2	150	0	155	0	0	0	0	0	82	0	100	60	82	0	100	58	62	0	71	55	69	0	81	59	0	0	0	0	0	0
700	103	0	15	2	164	0	170	0	0	0	0	0	95	0	130	74	99	0	120	80	73	0	80	65	80	0	87	71	0	0	0	0	0	0
800	108	0	23	2	177	0	186	0	0	0	0	0	95	0	116	73	95	0	119	71	76	0	82	71	83	0	88	77	0	0	0	0	0	0
900	92	0	0	2	121	0	128	0	0	0	0	0	103	0	135	74	101	3	137	60	84	0	113	62	90	0	119	65	0	0	0	0	0	0
1000	98	0	0	2	122	0	130	0	0	0	0	0	113	0	147	77	116	3	144	88	94	0	125	71	103	0	120	79	0	0	0	0	0	0
1100	77	0	0	2	91	0	99	0	0	0	0	0	119	0	149	93	120	0	154	66	99	0	161	68	106	0	130	69	0	0	0	0	0	0
1200	78	0	0	2	98	0	109	0	0	0	0	0	107	0	149	47	111	3	151	65	94	0	133	53	99	0	136	61	0	0	0	0	0	0
1300	73	0	8	2	87	0	96	0	0	0	0	0	96	0	133	54	98	0	133	49	78	0	120	47	87	0	127	53	0	0	0	0	0	0
1400	32	0	0	2	67	0	130	2	0	0	0	0	65	0	128	17	27	5	123	0	49	0	87	3	24	0	98	0	0	0	0	0	0	0
1500	34	0	53	0	44	0	58	0	0	0	0	0	59	0	138	5	59	0	146	1	59	0	163	0	62	0	150	1	0	0	0	0	0	0
1600	39	0	55	0	53	0	67	0	0	0	0	0	14	0	103	300	9	0	116	301	355	0	49	295	358	0	58	307	0	0	0	0	0	0
1700	81	0	98	0	92	0	101	0	0	0	0	0	22	0	50	341	19	0	59	337	5	0	31	328	10	0	36	348	0	0	0	0	0	0
1800	41	0	56	0	69	0	77	0	0	0	0	0	20	0	52	346	20	0	59	350	9	0	24	348	12	0	28	351	0	0	0	0	0	0
1900	47	0	67	0	87	0	96	0	0	0	0	0	42	0	77	27	40	0	66	21	25	0	31	17	30	0	38	14	0	0	0	0	0	0
2000	34	0	62	0	67	0	92	0	0	0	0	0	57	0	71	46	57	0	78	47	46	0	57	39	55	0	64	51	0	0	0	0	0	0
2100	37	0	53	0	64	0	75	0	0	0	0	0	78	0	87	70	78	0	93	71	79	0	90	71	87	0	98	81	0	0	0	0	0	0
2200	41	0	57	0	63	0	75	0	0	0	0	0	99	0	104	96	101	0	107	98	107	0	111	102	116	0	120	112	0	0	0	0	0	0
2300	60	0	78	0	93	0	109	0	0	0	0	0	122	0	131	114	125	0	137	115	116	0	121	108	124	0	131	117	0	0	0	0	0	0
2400	56	0	75	0	121	0	137	0	0	0	0	0	132	0	143	120	134	0	149	115	116	0	119	113	124	0	129	119	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	209	0	209	0	213	0	207	0	320	2	320	2	4	0	-2	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	200	0	202	0	207	0	204	0	320	2	320	2	7	0	2	0	0	2	0	2	252	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
300	197	0	197	0	204	0	198	0	320	2	320	2	7	0	2	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
400	188	0	189	0	193	0	189	0	320	2	320	2	5	0	0	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
500	182	0	182	0	188	0	184	0	320	2	320	2	5	0	2	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
600	182	0	182	0	186	0	182	0	320	2	320	2	5	0	0	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
700	177	0	175	0	184	0	179	0	320	2	320	2	7	0	2	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
800	179	0	177	0	200	0	195	0	320	2	320	2	22	0	16	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
900	207	0	206	0	225	0	220	0	320	2	320	2	18	0	14	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
1000	256	0	252	0	274	0	269	0	320	2	320	2	18	0	14	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1100	290	0	288	0	315	0	310	0	320	2	320	2	23	0	20	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	325	0	324	0	349	0	343	0	320	2	320	2	22	0	18	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1300	351	0	347	0	376	0	370	0	320	2	320	2	23	0	23	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	101	6
1400	370	0	365	2	390	2	379	2	320	2	320	2	22	0	14	2	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1500	388	0	385	0	412	0	394	0	320	2	320	2	22	0	9	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1600	361	0	356	0	385	0	374	0	320	2	320	2	23	0	18	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1700	329	0	327	0	369	0	356	0	320	2	320	2	38	0	29	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1800	331	0	331	0	352	0	340	0	320	2	320	2	20	0	11	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1900	312	0	312	0	327	0	325	0	320	2	320	2	16	0	13	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2000	297	0	299	0	334	0	329	0	320	2	320	2	36	0	31	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	287	0	288	0	331	0	327	0	320	2	320	2	43	0	36	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	287	0	288	0	325	0	320	0	320	2	320	2	38	0	31	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2300	285	0	285	0	303	0	297	0	320	2	320	2	18	0	13	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2400	270	0	270	0	290	0	287	0	320	2	320	2	22	0	16	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY ...

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	51	0	73	0	122	0	126	0	0	0	0	0	135	0	159	119	137	0	152	119	124	0	130	119	133	0	138	129	0	0	0	0	0	0
200	61	0	80	0	125	0	135	0	0	0	0	0	133	0	146	117	135	0	146	124	127	0	132	119	137	0	140	133	0	0	0	0	0	0
300	56	0	89	0	132	0	141	0	0	0	0	0	135	0	149	119	140	0	156	125	127	0	136	122	137	0	144	133	0	0	0	0	0	0
400	60	0	78	0	101	0	117	0	0	0	0	0	123	0	135	114	125	0	138	115	117	0	125	113	127	0	133	122	0	0	0	0	0	0
500	63	0	92	0	135	0	147	0	0	0	0	0	133	0	149	119	138	0	153	125	129	0	133	122	139	0	143	133	0	0	0	0	0	0
600	63	0	84	0	126	0	134	0	0	0	0	0	130	0	147	114	132	0	146	115	125	0	133	121	135	0	144	129	0	0	0	0	0	0
700	75	0	91	0	115	0	129	0	0	0	0	0	118	0	130	106	121	0	132	103	114	0	119	110	123	0	127	119	0	0	0	0	0	0
800	84	0	97	0	129	0	139	0	0	0	0	0	115	0	129	98	118	0	132	103	108	0	113	106	117	0	122	115	0	0	0	0	0	0
900	55	0	68	0	79	0	92	0	0	0	0	0	115	0	139	98	118	0	140	99	108	0	117	91	116	0	131	89	0	0	0	0	0	0
1000	71	0	92	0	84	0	98	0	0	0	0	0	126	0	145	107	129	0	158	101	119	0	137	92	128	0	149	109	0	0	0	0	0	0
1100	53	0	72	0	63	0	77	0	0	0	0	0	128	0	169	90	132	0	176	95	123	0	146	100	132	0	158	103	0	0	0	0	0	0
1200	43	0	63	0	66	0	78	0	0	0	0	0	145	0	204	106	148	0	215	106	137	0	168	103	146	0	177	113	0	0	0	0	0	0
1300	43	0	63	0	63	0	77	0	0	0	0	0	139	0	227	94	143	0	212	90	130	0	176	46	141	0	182	109	0	0	0	0	0	0
1400	25	0	25	0	15	0	25	0	0	0	0	0	298	0	355	202	304	3	352	203	319	0	13	275	320	0	18	281	0	0	0	0	0	0
1500	16	0	32	0	20	0	31	0	0	0	0	0	46	3	164	0	41	0	155	5	65	3	176	2	62	0	154	5	0	0	0	0	0	0
1600	29	0	29	0	34	0	46	0	0	0	0	0	74	0	155	0	78	3	142	2	82	0	147	3	92	0	153	9	0	0	0	0	0	0
1700	58	0	73	0	71	0	81	0	0	0	0	0	117	0	141	87	118	0	139	80	98	0	121	79	107	0	128	89	0	0	0	0	0	0
1800	45	0	62	0	86	0	95	0	0	0	0	0	100	0	128	83	100	0	119	76	89	0	98	82	97	0	103	86	0	0	0	0	0	0
1900	51	0	67	0	101	0	108	0	0	0	0	0	96	0	113	84	97	0	116	83	88	0	90	83	96	0	100	93	0	0	0	0	0	0
2000	65	0	76	0	114	0	116	0	0	0	0	0	116	0	125	107	118	0	125	111	105	0	109	100	114	0	116	110	0	0	0	0	0	0
2100	80	0	85	0	129	0	125	0	0	0	0	0	121	0	128	114	123	0	130	114	108	0	124	101	115	0	124	113	0	0	0	0	0	0
2200	61	0	77	0	105	0	115	0	0	0	0	0	116	0	123	107	118	0	125	98	107	0	110	104	116	0	119	113	0	0	0	0	0	0
2300	65	0	82	0	116	0	132	0	0	0	0	0	127	0	146	116	129	0	145	119	118	0	125	113	127	0	131	122	0	0	0	0	0	0
2400	72	0	95	0	126	0	148	0	0	0	0	0	130	0	141	120	133	0	145	125	119	0	122	115	128	0	132	126	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	265	0	265	0	283	0	279	0	320	2	320	2	20	0	14	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	256	0	256	0	279	0	276	0	320	2	320	2	23	0	18	0	0	2	0	2	281	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
300	252	0	251	0	267	0	261	0	320	2	320	2	14	0	9	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
400	238	0	238	0	254	0	249	0	320	2	320	2	14	0	11	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
500	229	0	229	0	242	0	236	0	320	2	320	2	13	0	9	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
600	220	0	220	0	233	0	229	0	320	2	320	2	14	0	9	0	0	2	0	2	263	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
700	211	0	211	0	224	0	218	0	320	2	320	2	13	0	7	0	0	2	0	2	260	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
800	200	0	198	0	218	0	213	0	320	2	320	2	18	0	14	0	0	2	0	2	256	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
900	213	0	211	0	231	0	227	0	320	2	320	2	18	0	14	0	0	2	0	2	270	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
1000	254	0	252	0	270	0	265	0	320	2	320	2	16	0	13	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	102	6
1100	299	0	297	0	324	0	322	0	320	2	320	2	23	0	22	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	360	0	356	0	369	0	361	0	320	2	320	2	9	0	5	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1300	374	0	370	0	388	0	381	0	320	2	320	2	14	0	11	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1400	394	0	387	0	412	0	397	0	320	2	320	2	16	0	11	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1500	342	0	342	0	360	0	356	0	320	2	320	2	18	0	13	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	405	0	401	0	430	0	421	0	320	2	320	2	27	0	20	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1700	397	0	394	0	415	0	410	0	320	2	320	2	20	0	16	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1800	369	0	369	0	374	0	369	0	320	2	320	2	5	0	0	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	345	0	345	0	363	0	358	0	320	2	320	2	16	0	11	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	333	0	333	0	349	0	347	0	320	2	320	2	18	0	13	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	325	0	324	0	347	0	345	0	320	2	320	2	22	0	18	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	306	0	306	0	329	0	324	0	320	2	320	2	20	0	14	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	303	0	303	0	317	0	314	0	320	2	320	2	14	0	9	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	294	0	294	0	310	0	305	0	320	2	320	2	14	0	11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
PER[illegible]IC RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	71	0	87	0	119	0	130	0	0	0	0	0	126	0	138	113	129	0	145	114	120	0	126	114	129	0	133	123	0	0	0	0	0	0
200	58	0	83	0	137	0	150	0	0	0	0	0	136	0	162	120	140	0	165	125	134	0	140	129	143	0	150	136	0	0	0	0	0	0
300	57	0	82	0	127	0	139	0	0	0	0	0	132	0	153	113	136	0	151	122	134	0	144	129	144	0	150	129	0	0	0	0	0	0
400	64	0	87	0	141	0	156	0	0	0	0	0	136	0	160	122	140	0	160	127	139	0	144	130	148	0	153	141	0	0	0	0	0	0
500	61	0	86	0	134	0	144	0	0	0	0	0	133	0	146	120	136	0	146	128	138	0	141	131	146	0	149	143	0	0	0	0	0	0
600	64	0	85	0	121	0	132	0	0	0	0	0	130	0	145	114	132	0	145	121	136	0	141	131	145	0	151	142	0	0	0	0	0	0
700	66	0	88	0	123	0	135	0	0	0	0	0	132	0	145	120	134	0	142	121	131	0	136	129	140	0	145	138	0	0	0	0	0	0
800	57	0	81	0	150	0	165	0	0	0	0	0	145	0	179	116	148	0	176	116	145	0	151	140	154	0	158	150	0	0	0	0	0	0
900	58	0	82	0	127	0	141	0	0	0	0	0	155	0	204	109	159	0	194	91	154	0	175	134	162	0	187	122	0	0	0	0	0	0
1000	62	0	78	0	93	0	104	0	0	0	0	0	149	0	187	118	153	0	188	125	149	0	173	126	157	0	182	135	0	0	0	0	0	0
1100	31	0	52	0	51	0	66	0	0	0	0	0	148	0	204	103	151	0	249	105	144	0	186	106	153	0	183	116	0	0	0	0	0	0
1200	39	0	63	0	59	0	71	0	0	0	0	0	141	0	233	102	143	0	254	102	136	0	212	110	144	0	205	103	0	0	0	0	0	0
1300	42	0	57	0	77	0	89	0	0	0	0	0	166	0	265	101	170	0	260	112	156	0	183	109	164	0	192	111	0	0	0	0	0	0
1400	49	0	68	0	78	0	87	0	0	0	0	0	148	0	212	90	149	0	221	107	139	0	179	44	152	0	212	119	0	0	0	0	0	0
1500	52	0	73	0	74	0	87	0	0	0	0	0	136	0	254	95	138	0	252	102	130	0	218	95	138	0	219	97	0	0	0	0	0	0
1600	26	0	40	0	40	0	53	0	0	0	0	0	207	3	353	98	193	0	348	100	98	0	174	301	167	0	339	98	0	0	0	0	0	0
1700	40	0	63	0	64	0	76	0	0	0	0	0	141	0	184	105	143	0	186	109	127	0	152	104	136	0	163	114	0	0	0	0	0	0
1800	37	0	60	0	65	0	75	0	0	0	0	0	134	0	164	117	137	0	167	114	123	0	136	110	131	0	147	117	0	0	0	0	0	0
1900	39	0	64	0	86	0	97	0	0	0	0	0	134	0	150	122	138	0	164	122	129	0	139	116	138	0	149	126	0	0	0	0	0	0
2000	44	0	68	0	116	0	127	0	0	0	0	0	138	0	157	110	142	0	159	128	130	0	136	124	139	0	143	135	0	0	0	0	0	0
2100	51	0	78	0	123	0	133	0	0	0	0	0	136	0	148	122	139	0	156	130	127	0	131	123	136	0	140	132	0	0	0	0	0	0
2200	54	0	80	0	140	0	152	0	0	0	0	0	140	0	165	119	143	0	167	124	132	0	139	123	140	0	145	132	0	0	0	0	0	0
2300	60	0	83	0	143	0	156	0	0	0	0	0	142	0	172	119	144	0	162	125	134	0	139	128	143	0	149	138	0	0	0	0	0	0
2400	45	0	72	0	116	0	129	0	0	0	0	0	145	0	177	116	144	0	170	120	135	0	144	122	143	0	153	132	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	285	0	285	0	296	0	292	0	320	2	320	2	11	0	5	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
200	272	0	272	0	290	0	285	0	320	2	320	2	18	0	13	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
300	265	0	265	0	281	0	276	0	320	2	320	2	16	0	11	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	260	0	260	0	279	0	276	0	320	2	320	2	20	0	16	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	251	0	251	0	274	0	270	0	320	2	320	2	23	0	18	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
600	243	0	243	0	272	0	269	0	320	2	320	2	27	0	23	0	0	2	0	2	276	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
700	240	0	238	0	267	0	261	0	320	2	320	2	25	0	22	0	0	2	0	2	272	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
800	242	0	240	0	276	0	270	0	320	2	320	2	34	0	29	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
900	285	0	283	0	301	0	294	0	320	2	320	2	16	0	11	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1000	334	0	334	0	345	0	342	0	320	2	320	2	13	0	5	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	381	0	378	0	397	0	392	0	320	2	320	2	18	0	14	0	0	2	0	2	370	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	394	0	392	0	417	0	412	0	320	2	320	2	23	0	20	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	430	0	426	0	430	0	423	0	320	2	320	2	0	0	-5	0	0	2	0	2	383	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1400	437	0	432	0	435	0	426	0	320	2	320	2	-2	0	-7	0	0	2	0	2	396	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1500	428	0	424	0	442	0	432	0	320	2	320	2	14	0	7	0	0	2	0	2	378	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1600	435	0	432	0	451	0	441	0	320	2	320	2	14	0	9	0	0	2	0	2	376	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	426	0	423	0	441	0	432	0	320	2	320	2	14	0	11	0	0	2	0	2	374	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1800	405	0	403	0	410	0	403	0	320	2	320	2	5	0	0	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1900	374	0	374	0	381	0	376	0	320	2	320	2	7	0	2	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	354	0	354	0	379	0	376	0	320	2	320	2	25	0	20	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	343	0	343	0	369	0	365	0	320	2	320	2	25	0	20	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	334	0	334	0	356	0	351	0	320	2	320	2	20	0	16	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	331	0	329	0	349	0	343	0	320	2	320	2	16	0	13	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	336	0	334	0	343	0	338	0	320	2	320	2	7	0	4	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY 27, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	45	0	69	0	94	0	105	0	0	0	0	0	132	0	146	113	135	0	155	124	129	0	137	124	138	0	143	133	0	0	0	0	0	0
200	43	0	65	0	97	0	111	0	0	0	0	0	138	0	163	111	143	0	168	124	140	0	145	128	149	0	154	140	0	0	0	0	0	0
300	32	0	53	0	86	0	98	0	0	0	0	0	136	0	181	112	140	0	170	122	146	0	152	137	155	0	157	149	0	0	0	0	0	0
400	37	0	54	0	67	0	80	0	0	0	0	0	123	0	143	107	125	0	139	110	130	0	135	122	140	0	145	126	0	0	0	0	0	0
500	30	0	49	0	68	0	79	0	0	0	0	0	133	0	154	104	136	0	156	110	157	0	180	132	164	0	193	144	0	0	0	0	0	0
600	40	0	59	0	72	0	84	0	0	0	0	0	126	0	154	107	128	0	158	111	121	0	132	110	130	0	139	116	0	0	0	0	0	0
700	40	0	63	0	89	0	102	0	0	0	0	0	137	0	160	119	141	0	164	111	131	0	141	125	141	0	150	133	0	0	0	0	0	0
800	36	0	59	0	80	0	92	0	0	0	0	0	132	0	156	113	136	0	154	122	131	0	140	122	140	0	147	130	0	0	0	0	0	0
900	39	0	60	0	80	0	93	0	0	0	0	0	138	0	170	112	139	0	171	114	137	0	154	122	146	0	158	126	0	0	0	0	0	0
1000	37	0	60	0	75	0	89	0	0	0	0	0	145	0	170	114	147	0	203	116	141	0	157	125	149	0	166	130	0	0	0	0	0	0
1100	38	0	61	0	76	0	89	0	0	0	0	0	152	0	204	108	154	0	198	110	149	0	168	128	157	0	177	133	0	0	0	0	0	0
1200	31	0	52	0	56	0	68	0	0	0	0	0	154	0	222	116	155	0	205	110	149	0	194	106	159	0	180	132	0	0	0	0	0	0
1300	28	0	39	0	58	0	63	0	0	0	0	0	183	3	260	96	190	0	269	98	171	0	195	143	179	0	205	135	0	0	0	0	0	0
1400	46	0	56	0	54	0	63	0	0	0	0	0	249	0	286	223	245	0	283	212	229	0	240	200	233	0	250	208	0	0	0	0	0	0
1500	42	0	58	0	46	0	60	0	0	0	0	0	272	0	301	230	269	0	297	241	254	0	306	236	257	0	279	239	0	0	0	0	0	0
1600	29	0	45	0	46	0	63	0	0	0	0	0	264	0	298	241	258	0	285	232	250	0	266	234	254	0	272	246	0	0	0	0	0	0
1700	15	0	30	0	27	0	36	0	0	0	0	0	239	0	284	181	237	0	265	173	192	0	224	152	198	0	229	159	0	0	0	0	0	0
1800	17	0	37	0	41	0	55	0	0	0	0	0	134	0	161	120	136	0	150	125	136	0	146	125	146	0	154	136	0	0	0	0	0	0
1900	36	0	59	0	87	0	101	0	0	0	0	0	146	0	177	123	149	0	174	123	138	0	149	129	147	0	156	139	0	0	0	0	0	0
2000	45	0	68	0	112	0	124	0	0	0	0	0	148	0	193	118	149	0	170	124	142	0	153	129	149	0	161	136	0	0	0	0	0	0
2100	49	0	71	0	118	0	132	0	0	0	0	0	153	0	196	111	153	0	188	117	149	0	168	135	158	0	169	146	0	0	0	0	0	0
2200	59	0	79	0	123	0	140	0	0	0	0	0	154	0	197	111	158	0	200	102	156	0	177	126	163	0	183	139	0	0	0	0	0	0
2300	56	0	75	0	129	0	144	0	0	0	0	0	164	0	217	112	166	0	230	103	161	0	182	144	168	0	189	149	0	0	0	0	0	0
2400	56	0	75	0	132	0	145	0	0	0	0	0	166	0	268	114	167	0	224	113	161	0	180	144	170	0	188	145	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	329	0	329	0	340	0	334	0	320	2	320	2	9	0	5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	329	0	327	0	331	0	327	0	320	2	320	2	4	0	2	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	322	0	320	0	329	0	325	0	320	2	320	2	9	0	5	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	314	0	312	0	322	0	315	0	320	2	320	2	7	0	4	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	308	0	306	0	333	0	329	0	320	2	320	2	23	0	20	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	305	0	305	0	306	0	301	0	320	2	320	2	0	0	-4	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	303	0	301	0	305	0	299	0	320	2	320	2	2	0	-2	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	301	0	299	0	308	0	305	0	320	2	320	2	7	0	4	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	306	0	305	0	305	0	301	0	320	2	320	2	2	0	-5	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	324	0	322	0	320	0	315	0	320	2	320	2	-4	0	-7	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	343	0	342	0	338	0	333	0	320	2	320	2	-5	0	-9	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	374	0	370	0	365	0	361	0	320	2	320	2	-7	0	-9	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	403	0	399	0	387	0	383	0	320	2	320	2	-14	0	-16	0	0	2	0	2	367	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	401	0	399	0	397	0	392	0	320	2	320	2	-5	0	-7	0	0	2	0	2	370	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	394	0	390	0	387	0	383	0	320	2	320	2	-7	0	-9	0	0	2	0	2	367	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	374	0	372	0	379	0	376	0	320	2	320	2	5	0	4	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	374	0	374	0	385	0	379	0	320	2	320	2	11	0	7	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	379	0	379	0	385	0	381	0	320	2	320	2	5	0	0	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	376	0	376	0	376	0	370	0	320	2	320	2	0	0	-5	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	363	0	363	0	365	0	360	0	320	2	320	2	2	0	-4	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	360	0	360	0	361	0	356	0	320	2	320	2	2	0	-4	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	360	0	358	0	360	0	354	0	320	2	320	2	0	0	-4	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	354	0	352	0	354	0	349	0	320	2	320	2	0	0	-4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	354	0	352	0	352	0	347	0	320	2	320	2	2	0	-5	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STA[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REF[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	S	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	46	0	60	0	113	0	124	0	0	0	0	0	177	0	233	111	176	0	256	102	168	0	207	139	175	0	202	142	0	0	0	0	0	0
200	47	0	59	0	108	0	107	0	0	0	0	0	199	0	264	93	193	0	266	94	183	0	214	152	188	0	211	165	0	0	0	0	0	0
300	43	0	60	0	104	0	107	0	0	0	0	0	194	0	267	133	195	0	249	125	181	0	198	136	185	0	208	156	0	0	0	0	0	0
400	48	0	62	0	104	0	100	0	0	0	0	0	199	0	260	126	202	0	268	125	188	0	215	156	192	0	220	155	0	0	0	0	0	0
500	47	0	56	0	89	0	90	0	0	0	0	0	219	0	259	171	218	0	298	190	199	0	219	177	205	0	229	177	0	0	0	0	0	0
600	40	0	54	0	103	0	106	0	0	0	0	0	195	0	247	100	197	0	269	138	183	0	202	158	189	0	208	167	0	0	0	0	0	0
700	44	0	60	0	113	0	110	0	0	0	0	0	193	0	234	114	195	0	254	129	183	0	198	162	189	0	207	166	0	0	0	0	0	0
800	52	0	61	0	83	0	88	0	0	0	0	0	234	0	278	183	233	0	275	185	211	0	237	184	216	0	246	180	0	0	0	0	0	0
900	45	0	54	0	98	0	100	0	0	0	0	0	197	0	263	111	195	0	259	111	185	0	205	157	190	0	216	167	0	0	0	0	0	0
1000	42	0	58	0	90	0	89	0	0	0	0	0	212	0	267	90	211	0	259	136	196	0	222	163	201	0	238	172	0	0	0	0	0	0
1100	64	0	72	0	105	0	106	0	0	0	0	0	236	0	294	182	235	0	297	196	212	0	247	180	218	0	251	190	0	0	0	0	0	0
1200	82	0	87	0	127	0	137	0	0	0	0	0	251	0	285	216	250	0	279	218	239	0	259	223	242	0	260	213	0	0	0	0	0	0
1300	89	0	103	0	128	0	145	0	0	0	0	0	275	0	326	224	273	0	304	230	262	0	293	211	266	0	313	234	0	0	0	0	0	0
1400	80	0	99	0	132	0	146	0	0	0	0	0	314	0	348	265	309	0	351	269	312	0	338	287	314	0	344	302	0	0	0	0	0	0
1500	44	0	62	0	77	0	95	0	0	0	0	0	326	0	8	277	319	0	359	259	315	0	351	274	315	0	352	284	0	0	0	0	0	0
1600	107	0	0	2	194	0	0	2	0	2	0	2	327	0	296	1	0	2	0	0	303	0	293	308	0	2	0	0	0	2	0	0	0	2
1700	94	0	0	2	209	0	0	2	0	2	0	2	335	0	303	7	0	2	0	0	306	0	293	314	0	2	0	0	0	2	0	0	0	2
1800	130	0	0	2	202	0	0	2	0	2	0	2	326	0	291	353	0	2	0	0	305	0	294	314	0	2	0	0	0	2	0	0	0	2
1900	140	0	0	2	205	0	0	2	0	2	0	2	316	0	288	348	0	2	0	0	302	0	291	308	0	2	0	0	0	2	0	0	0	2
2000	134	0	0	2	198	0	0	2	0	2	0	2	323	0	284	353	0	2	0	0	308	0	300	316	0	2	0	0	0	2	0	0	0	2
2100	148	0	0	2	211	0	0	2	0	2	0	2	323	0	287	353	0	2	0	0	306	0	298	317	0	2	0	0	0	2	0	0	0	2
2200	134	0	0	2	209	0	0	2	0	2	0	2	330	0	297	359	0	2	0	0	307	0	298	315	0	2	0	0	0	2	0	0	0	2
2300	140	0	0	2	202	0	0	2	0	2	0	2	325	0	295	356	0	2	0	0	320	0	308	334	0	2	0	0	0	2	0	0	0	2
2400	140	0	0	2	202	0	0	2	0	2	0	2	327	0	287	2	0	2	0	0	324	0	307	336	0	2	0	0	0	2	0	0	0	2

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	354	0	352	0	352	0	347	0	320	2	320	2	2	0	-5	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	352	0	351	0	352	0	347	0	320	2	320	2	0	0	-4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	352	0	351	0	352	0	347	0	320	2	320	2	0	0	-4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	354	0	352	0	354	0	349	0	320	2	320	2	0	0	-4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	354	0	351	0	352	0	345	0	320	2	320	2	2	0	-5	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
600	343	0	342	0	343	0	338	0	320	2	320	2	0	0	-4	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
700	343	0	342	0	343	0	338	0	320	2	320	2	0	0	-5	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	347	0	345	0	329	0	325	0	320	2	320	2	-20	0	-22	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	338	0	336	0	333	0	331	0	320	2	320	2	-4	0	-4	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	354	0	351	0	356	0	351	0	320	2	320	2	2	0	0	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	374	0	372	0	372	0	367	0	320	2	320	2	-4	0	-5	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	374	0	372	0	381	0	378	0	320	2	320	2	9	0	5	0	0	2	0	2	356	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	372	0	370	0	383	0	378	0	320	2	320	2	13	0	7	0	0	2	0	2	356	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	356	0	354	0	356	0	347	0	320	2	320	2	0	0	-7	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	374	0	370	0	370	0	361	0	320	2	320	2	-4	0	-9	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1600	350	0	0	2	0	2	0	2	0	2	0	2	-13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	6
1700	339	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	329	0	0	2	0	2	0	2	0	2	0	2	1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	322	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	333	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	329	0	0	2	0	2	0	2	0	2	0	2	-7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	319	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	312	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	319	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	121	0	0	2	171	0	0	2	0	2	0	2	327	0	293	12	0	2	0	0	339	0	322	350	0	2	0	0	0	2	0	0	0	2
200	119	0	0	2	177	0	0	2	0	2	0	2	353	0	312	18	0	2	0	0	330	0	320	336	0	2	0	0	0	2	0	0	0	2
300	96	0	0	2	171	0	0	2	0	2	0	2	338	0	303	10	0	2	0	0	321	0	313	324	0	2	0	0	0	2	0	0	0	2
400	98	0	0	2	190	0	0	2	0	2	0	2	329	0	294	358	0	2	0	0	324	0	308	335	0	2	0	0	0	2	0	0	0	2
500	111	0	0	2	184	0	0	2	0	2	0	2	326	0	281	350	0	2	0	0	320	0	311	329	0	2	0	0	0	2	0	0	0	2
600	130	0	0	2	202	0	0	2	0	2	0	2	329	0	288	2	0	2	0	0	318	0	305	327	0	2	0	0	0	2	0	0	0	2
700	130	0	0	2	188	0	0	2	0	2	0	2	336	0	288	15	0	2	0	0	326	0	311	339	0	2	0	0	0	2	0	0	0	2
800	96	0	0	2	157	0	0	2	0	2	0	2	325	0	285	358	0	2	0	0	313	0	300	322	0	2	0	0	0	2	0	0	0	2
900	92	0	0	2	132	0	0	2	0	2	0	2	330	0	290	5	0	2	0	0	320	0	309	330	0	2	0	0	0	2	0	0	0	2
1000	63	0	0	2	0	2	0	2	0	2	0	2	338	0	284	25	0	2	0	0	326	0	305	343	0	2	0	0	0	2	0	0	0	2
1100	63	0	0	2	0	2	0	2	0	2	0	2	315	0	276	359	0	2	0	0	323	0	299	357	0	2	0	0	0	2	0	0	0	2
1200	84	0	0	2	0	2	0	2	0	2	0	2	318	0	296	338	0	2	0	0	317	0	303	335	0	2	0	0	0	2	0	0	0	2
1300	82	0	0	2	0	2	0	2	0	2	0	2	273	0	248	308	0	2	0	0	298	0	281	315	0	2	0	0	0	2	0	0	0	2
1400	65	0	0	2	90	0	0	2	0	2	0	2	311	0	275	334	0	2	0	0	281	0	261	307	0	2	0	0	0	2	0	0	0	2
1500	65	0	0	2	71	0	0	2	0	2	0	2	307	0	260	0	0	2	0	0	279	0	249	307	0	2	0	0	0	2	0	0	0	2
1600	61	0	0	2	84	0	0	2	0	2	0	2	345	0	315	11	0	2	0	0	308	0	284	330	0	2	0	0	0	2	0	0	0	2
1700	55	0	0	2	0	2	0	2	0	2	0	2	34	0	3	63	0	2	0	0	326	0	285	352	0	2	0	0	0	2	0	0	0	2
1800	0	2	0	2	0	2	0	2	0	2	0	2	65	0	52	79	0	2	0	0	318	0	302	347	0	2	0	0	0	2	0	0	0	2
1900	0	2	0	2	0	2	0	2	0	2	0	2	90	0	81	100	0	2	0	0	353	0	322	9	0	2	0	0	0	2	0	0	0	2
2000	0	2	0	2	0	2	0	2	0	2	0	2	87	0	79	93	0	2	0	0	21	0	3	37	0	2	0	0	0	2	0	0	0	2
2100	0	2	0	2	0	2	0	2	0	2	0	2	88	0	81	96	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2200	0	2	0	2	0	2	0	2	0	2	0	2	109	0	99	118	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2300	0	2	0	2	0	2	0	2	0	2	0	2	118	0	110	128	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2400	0	2	0	2	0	2	0	2	0	2	0	2	127	0	117	138	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AM3 TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	312	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	322	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	322	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	326	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	322	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	316	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	319	0	0	2	0	2	0	2	0	2	0	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	319	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	312	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	319	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	322	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	346	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	346	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	346	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	346	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	346	0	0	2	0	2	0	2	0	2	0	2	13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	343	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	309	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	285	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	288	0	0	2	0	2	0	2	0	2	0	2	9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	285	0	0	2	0	2	0	2	0	2	0	2	16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	285	0	0	2	0	2	0	2	0	2	0	2	15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	282	0	0	2	0	2	0	2	0	2	0	2	16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	282	0	0	2	0	2	0	2	0	2	0	2	22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

ST[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	0	2	0	2	0	2	0	2	0	2	0	2	149	0	140	155	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	0	2	0	2	0	2	0	2	0	2	0	2	189	0	171	223	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	0	2	0	2	0	2	0	2	0	2	0	2	192	0	162	219	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	0	2	0	2	0	2	0	2	0	2	0	2	161	0	153	173	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	0	2	0	2	0	2	0	2	0	2	0	2	237	0	227	250	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	0	2	0	2	0	2	0	2	0	2	0	2	128	0	122	140	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	0	2	0	2	0	2	0	2	0	2	0	2	174	0	151	194	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	0	2	0	2	0	2	0	2	0	2	0	2	186	0	163	215	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	0	2	0	2	0	2	0	2	0	2	0	2	186	0	150	212	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1000	59	0	0	2	0	2	0	2	0	2	0	2	133	0	109	169	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1100	90	0	0	2	0	2	0	2	0	2	0	2	128	0	101	161	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1200	100	0	0	2	0	2	0	2	0	2	0	2	114	0	75	154	0	2	0	0	116	0	102	131	0	2	0	0	0	2	0	0	0	2
1300	100	0	0	2	0	2	0	2	0	2	0	2	145	0	114	180	0	2	0	0	110	0	93	126	0	2	0	0	0	2	0	0	0	2
1400	100	0	89	0	0	2	96	0	0	0	0	0	102	0	71	143	77	0	111	34	164	0	150	178	68	0	91	45	0	0	0	0	0	0
1500	33	0	54	0	32	0	48	0	0	0	0	0	5	0	73	308	4	0	109	310	12	0	50	337	18	0	59	301	0	0	0	0	0	0
1600	57	0	74	0	76	0	91	0	0	0	0	0	95	0	129	47	98	0	135	61	78	0	118	53	89	0	127	60	0	0	0	0	0	0
1700	75	0	92	0	95	0	106	0	0	0	0	0	108	0	146	69	113	0	149	62	91	0	118	67	101	0	130	77	0	0	0	0	0	0
1800	30	0	49	0	57	0	70	0	0	0	0	0	105	0	161	76	106	0	155	76	87	0	103	66	98	0	116	76	0	0	0	0	0	0
1900	70	0	92	0	102	0	115	0	0	0	0	0	38	0	62	14	40	0	67	13	21	0	48	5	28	0	60	13	0	0	0	0	0	0
2000	47	0	68	0	81	0	94	0	0	0	0	0	39	0	56	19	40	0	70	15	21	0	30	7	29	0	46	17	0	0	0	0	0	0
2100	18	0	48	0	52	0	79	0	0	0	0	0	56	0	70	47	60	0	81	47	44	0	50	36	54	0	59	49	0	0	0	0	0	0
2200	47	0	66	0	107	0	119	0	0	0	0	0	84	0	107	75	87	0	104	77	63	0	66	59	72	0	75	68	0	0	0	0	0	0
2300	54	0	73	0	122	0	134	0	0	0	0	0	82	0	99	62	85	0	103	70	71	0	76	67	81	0	87	73	0	0	0	0	0	0
2400	64	0	83	0	124	0	135	0	0	0	0	0	83	0	100	65	87	0	112	70	73	0	78	64	83	0	88	76	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	282	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	271	0	0	2	0	2	0	2	0	2	0	2	22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	268	0	0	2	0	2	0	2	0	2	0	2	30	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	268	0	0	2	0	2	0	2	0	2	0	2	34	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	278	0	0	2	0	2	0	2	0	2	0	2	22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	282	0	0	2	0	2	0	2	0	2	0	2	20	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	298	0	0	2	0	2	0	2	0	2	0	2	30	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	285	0	0	2	0	2	0	2	0	2	0	2	13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	322	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	305	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	346	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	346	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	370	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	377	0	376	0	383	0	379	0	320	2	320	2	0	0	4	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	363	0	360	0	387	0	376	0	320	2	320	2	23	0	14	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	385	0	383	0	387	0	381	0	320	2	320	2	2	0	2	0	0	2	0	2	356	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	379	0	378	0	378	0	374	0	320	2	320	2	-4	0	-7	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	372	0	372	0	370	0	367	0	320	2	320	2	-2	0	-7	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1900	340	0	338	0	336	0	333	0	320	2	320	2	-4	0	-7	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	327	0	327	0	329	0	325	0	320	2	320	2	2	0	2	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	312	0	314	0	351	0	345	0	320	2	320	2	38	0	31	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	297	0	299	0	345	0	340	0	320	2	320	2	47	0	40	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	292	0	294	0	343	0	338	0	320	2	320	2	50	0	43	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	296	0	297	0	317	0	312	0	320	2	320	2	20	0	14	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — PER HOUR METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	71	0	90	0	128	0	140	0	0	0	0	0	93	0	123	77	97	0	121	69	81	0	86	78	91	0	95	88	0	0	0	0	0	0
200	67	0	85	0	122	0	133	0	0	0	0	0	98	0	117	77	103	0	124	88	89	0	94	85	99	0	104	95	0	0	0	0	0	0
300	71	0	88	0	120	0	133	0	0	0	0	0	106	0	118	87	110	0	126	85	99	0	114	89	110	0	121	104	0	0	0	0	0	0
400	77	0	93	0	125	0	140	0	0	0	0	0	109	0	124	93	113	0	129	95	101	0	107	94	111	0	117	105	0	0	0	0	0	0
500	82	0	98	0	126	0	140	0	0	0	0	0	117	0	132	105	122	0	137	100	107	0	113	98	117	0	122	110	0	0	0	0	0	0
600	78	0	97	0	114	0	128	0	0	0	0	0	112	0	123	86	118	0	136	102	105	0	112	94	115	0	123	106	0	0	0	0	0	0
700	82	0	103	0	125	0	139	0	0	0	0	0	117	0	132	90	121	0	135	100	103	0	110	96	113	0	124	105	0	0	0	0	0	0
800	79	0	97	0	116	0	129	0	0	0	0	0	113	0	126	88	119	0	140	95	102	0	131	89	112	0	123	104	0	0	0	0	0	0
900	82	0	101	0	102	0	114	0	0	0	0	0	115	0	146	87	120	0	143	101	95	0	128	67	106	0	121	77	0	0	0	0	0	0
1000	104	0	109	0	119	0	115	0	0	0	0	0	116	0	142	88	125	0	145	96	102	0	128	84	110	0	126	87	0	0	0	0	0	0
1100	76	0	100	0	100	0	118	0	0	0	0	0	116	0	150	68	123	0	166	73	105	0	138	71	114	0	140	75	0	0	0	0	0	0
1200	102	0	122	0	117	0	131	0	0	0	0	0	116	0	148	86	119	0	145	65	96	0	122	54	105	0	138	76	0	0	0	0	0	0
1300	80	0	105	0	103	0	117	0	0	0	0	0	125	0	168	96	130	0	170	95	114	0	153	90	124	0	161	89	0	0	0	0	0	0
1400	97	0	118	0	116	0	132	0	0	0	0	0	115	0	149	89	120	0	143	100	103	0	133	83	113	0	138	91	0	0	0	0	0	0
1500	88	0	111	0	117	0	131	0	0	0	0	0	122	0	155	91	127	0	164	91	112	0	144	89	122	0	155	97	0	0	0	0	0	0
1600	88	0	108	0	105	0	119	0	0	0	0	0	111	0	151	60	115	0	151	64	97	0	129	71	107	0	127	76	0	0	0	0	0	0
1700	76	0	92	0	98	0	110	0	0	0	0	0	107	0	145	77	108	0	144	66	90	0	125	56	97	0	121	61	0	0	0	0	0	0
1800	66	0	84	0	92	0	104	0	0	0	0	0	112	0	138	87	113	0	142	80	94	0	108	74	102	0	117	86	0	0	0	0	0	0
1900	34	0	52	0	61	0	73	0	0	0	0	0	94	0	128	71	94	0	119	60	85	0	99	69	94	0	110	82	0	0	0	0	0	0
2000	63	0	80	0	109	0	120	0	0	0	0	0	114	0	145	90	116	0	136	97	100	0	113	93	110	0	118	100	0	0	0	0	0	0
2100	83	0	95	0	125	0	137	0	0	0	0	0	113	0	133	89	116	0	138	91	101	0	107	94	110	0	118	100	0	0	0	0	0	0
2200	71	0	91	0	110	0	123	0	0	0	0	0	115	0	131	85	118	0	145	101	104	0	117	90	114	0	133	96	0	0	0	0	0	0
2300	81	0	103	0	120	0	134	0	0	0	0	0	125	0	159	105	129	0	156	105	115	0	136	92	123	0	139	104	0	0	0	0	0	0
2400	87	0	109	0	130	0	151	0	0	0	0	0	124	0	138	101	127	0	145	108	116	0	128	102	125	0	135	108	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	292	0	290	0	310	0	305	0	320	2	320	2	16	0	13	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	283	0	283	0	297	0	294	0	320	2	320	2	16	0	11	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	279	0	279	0	294	0	290	0	320	2	320	2	14	0	11	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	274	0	274	0	290	0	287	0	320	2	320	2	18	0	13	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	274	0	274	0	283	0	279	0	320	2	320	2	9	0	4	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	269	0	269	0	278	0	274	0	320	2	320	2	7	0	4	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	263	0	261	0	269	0	265	0	320	2	320	2	5	0	2	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	265	0	265	0	269	0	265	0	320	2	320	2	5	0	0	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	285	0	285	0	297	0	292	0	320	2	320	2	11	0	7	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	317	0	325	0	340	0	336	0	320	2	320	2	16	0	14	0	0	2	0	2	278	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	347	0	345	0	363	0	358	0	320	2	320	2	16	0	11	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	365	0	365	0	381	0	378	0	320	2	320	2	14	0	13	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	383	0	381	0	392	0	387	0	320	2	320	2	9	0	5	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	105	0
1400	392	0	390	0	408	0	401	0	320	2	320	2	16	0	9	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1500	401	0	401	0	421	0	410	0	320	2	320	2	16	0	7	0	0	2	0	2	363	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1600	412	0	408	0	428	0	421	0	320	2	320	2	18	0	11	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1700	401	0	399	0	399	0	394	0	320	2	320	2	-2	0	-7	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1800	388	0	387	0	383	0	378	0	320	2	320	2	-5	0	-9	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	369	0	369	0	369	0	365	0	320	2	320	2	2	0	-4	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	358	0	356	0	363	0	358	0	320	2	320	2	5	0	0	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	349	0	349	0	352	0	347	0	320	2	320	2	4	0	2	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	342	0	342	0	342	0	336	0	320	2	320	2	2	0	-5	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	336	0	336	0	334	0	329	0	320	2	320	2	-4	0	-7	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	325	0	325	0	325	0	322	0	320	2	320	2	0	0	-4	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STA[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY 26, 1987 PAGE 3

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	78	0	95	0	118	0	129	0	0	0	0	0	112	0	129	91	113	0	131	90	101	0	107	92	110	0	116	100	0	0	0	0	0	0
200	97	0	106	0	141	0	142	0	0	0	0	0	111	0	129	84	114	0	146	89	98	0	131	92	107	0	117	101	0	0	0	0	0	0
300	100	0	114	0	150	0	162	0	0	0	0	0	114	0	141	98	117	0	134	100	100	0	113	94	109	0	119	100	0	0	0	0	0	0
400	86	0	99	0	137	0	147	0	0	0	0	0	106	0	131	79	106	0	128	77	87	0	100	73	96	0	110	86	0	0	0	0	0	0
500	102	0	114	0	153	0	163	0	0	0	0	0	108	0	132	74	111	0	130	89	94	0	104	87	103	0	114	94	0	0	0	0	0	0
600	96	0	111	0	140	0	153	0	0	0	0	0	112	0	162	80	114	0	131	91	98	0	106	91	107	0	116	99	0	0	0	0	0	0
700	103	0	112	0	146	0	156	0	0	0	0	0	112	0	138	88	112	0	138	82	95	0	104	85	105	0	110	97	0	0	0	0	0	0
800	102	0	114	0	134	0	144	0	0	0	0	0	114	0	150	89	116	0	154	97	99	0	127	87	108	0	121	98	0	0	0	0	0	0
900	123	0	137	0	147	0	159	0	0	0	0	0	117	0	142	89	122	0	161	84	104	0	127	84	113	0	128	97	0	0	0	0	0	0
1000	117	0	131	0	146	0	157	0	0	0	0	0	113	0	160	82	119	0	157	78	102	0	123	81	111	0	132	89	0	0	0	0	0	0
1100	113	0	129	0	141	0	149	0	0	0	0	0	121	0	151	94	126	0	158	91	111	0	129	88	120	0	144	86	0	0	0	0	0	0
1200	114	0	141	0	153	0	167	0	0	0	0	0	128	0	152	103	131	0	162	85	117	0	129	94	127	0	141	106	0	0	0	0	0	0
1300	120	0	137	0	134	0	145	0	0	0	0	0	118	0	148	77	123	0	147	84	103	0	122	80	112	0	131	87	0	0	0	0	0	0
1400	104	0	124	0	154	0	164	0	0	0	0	0	104	0	143	78	103	0	144	56	87	0	112	72	95	0	117	72	0	0	0	0	0	0
1500	122	0	137	0	143	0	153	0	0	0	0	0	118	0	155	95	119	0	154	90	97	0	128	73	106	0	131	72	0	0	0	0	0	0
1600	113	0	130	0	142	0	153	0	0	0	0	0	118	0	145	75	120	0	145	91	101	0	123	76	110	0	134	80	0	0	0	0	0	0
1700	121	0	136	0	152	0	162	0	0	0	0	0	114	0	145	87	115	0	145	71	97	0	119	79	106	0	127	71	0	0	0	0	0	0
1800	124	0	136	0	162	0	170	0	0	0	0	0	109	0	147	82	110	0	149	79	94	0	115	79	104	0	125	93	0	0	0	0	0	0
1900	67	0	80	0	104	0	111	0	0	0	0	0	106	0	135	79	106	0	154	78	89	0	127	72	97	0	117	83	0	0	0	0	0	0
2000	111	0	126	0	147	0	155	0	0	0	0	0	115	0	139	89	117	0	144	89	98	0	117	84	107	0	121	94	0	0	0	0	0	0
2100	144	0	157	0	178	0	192	0	0	0	0	0	118	0	137	101	120	0	141	99	104	0	127	85	112	0	130	94	0	0	0	0	0	0
2200	149	0	157	0	192	0	198	0	0	0	0	0	112	0	141	85	113	0	138	79	95	0	113	80	103	0	119	85	0	0	0	0	0	0
2300	134	0	150	0	172	0	182	0	0	0	0	0	116	0	140	79	116	0	152	80	99	0	122	80	107	0	124	80	0	0	0	0	0	0
2400	159	0	169	0	197	0	207	0	0	0	0	0	120	0	139	96	120	0	138	92	103	0	116	85	112	0	125	91	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	306	0	306	0	310	0	305	0	320	2	320	2	4	0	2	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	296	0	301	0	305	0	301	0	320	2	320	2	5	0	2	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	287	0	285	0	290	0	285	0	320	2	320	2	4	0	0	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	276	0	276	0	279	0	276	0	320	2	320	2	4	0	0	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	272	0	272	0	276	0	272	0	320	2	320	2	4	0	0	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
600	270	0	269	0	276	0	270	0	320	2	320	2	4	0	0	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
700	267	0	265	0	269	0	265	0	320	2	320	2	4	0	2	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
800	269	0	270	0	269	0	265	0	320	2	320	2	0	0	-5	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
900	285	0	285	0	283	0	279	0	320	2	320	2	-2	0	-5	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1000	303	0	305	0	305	0	303	0	320	2	320	2	2	0	-2	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1100	327	0	329	0	327	0	327	0	320	2	320	2	2	0	-4	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1200	342	0	340	0	343	0	338	0	320	2	320	2	0	0	-4	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	361	0	360	0	363	0	360	0	320	2	320	2	4	0	0	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	376	0	374	0	374	0	369	0	320	2	320	2	-2	0	-5	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	385	0	383	0	385	0	381	0	320	2	320	2	0	0	-4	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	388	0	388	0	390	0	385	0	320	2	320	2	2	0	-4	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	388	0	387	0	385	0	379	0	320	2	320	2	-4	0	-7	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	376	0	374	0	370	0	365	0	320	2	320	2	-5	0	-9	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	358	0	358	0	352	0	349	0	320	2	320	2	-5	0	-9	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	349	0	347	0	343	0	340	0	320	2	320	2	-5	0	-9	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	342	0	340	0	336	0	331	0	320	2	320	2	-5	0	-9	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	334	0	333	0	329	0	325	0	320	2	320	2	-5	0	-9	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	329	0	329	0	325	0	320	0	320	2	320	2	-5	0	-9	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	327	0	325	0	322	0	315	0	320	2	320	2	-5	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR FEBRUARY 27, 1987

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	158	0	165	0	196	0	202	0	0	0	0	0	116	0	141	91	116	0	136	84	100	0	109	87	108	0	122	95	0	0	0	0	0	0
200	147	0	160	0	178	0	189	0	0	0	0	0	124	0	141	104	124	0	142	98	107	0	123	90	115	0	137	100	0	0	0	0	0	0
300	128	0	140	0	168	0	178	0	0	0	0	0	121	0	150	92	121	0	145	87	103	0	128	90	112	0	131	94	0	0	0	0	0	0
400	130	0	134	0	162	0	170	0	0	0	0	0	117	0	141	89	119	0	143	93	102	0	117	85	109	0	122	91	0	0	0	0	0	0
500	132	0	137	0	174	0	180	0	0	0	0	0	116	0	141	81	115	0	140	79	100	0	116	85	107	0	120	90	0	0	0	0	0	0
600	129	0	131	0	167	0	172	0	0	0	0	0	115	0	142	86	115	0	142	95	97	0	115	80	104	0	120	89	0	0	0	0	0	0
700	115	0	125	0	158	0	166	0	0	0	0	0	112	0	139	77	112	0	141	81	99	0	113	80	107	0	123	94	0	0	0	0	0	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1000	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1600	134	0	144	0	167	0	179	0	0	0	0	0	109	0	142	60	110	0	159	68	89	0	111	53	98	0	127	72	0	0	0	0	0	0
1700	100	0	115	0	134	0	145	0	0	0	0	0	97	0	125	70	98	0	137	66	81	0	103	58	89	0	111	73	0	0	0	0	0	0
1800	114	0	129	0	137	0	153	0	0	0	0	0	124	0	143	101	127	0	149	103	109	0	127	94	118	0	139	100	0	0	0	0	0	0
1900	97	0	110	0	120	0	132	0	0	0	0	0	119	0	159	88	120	0	146	88	104	0	122	83	112	0	131	91	0	0	0	0	0	0
2000	103	0	116	0	142	0	151	0	0	0	0	0	104	0	128	71	107	0	137	74	89	0	103	63	98	0	111	78	0	0	0	0	0	0
2100	118	0	130	0	152	0	164	0	0	0	0	0	115	0	140	80	116	0	143	88	98	0	118	83	107	0	126	89	0	0	0	0	0	0
2200	126	0	139	0	150	0	162	0	0	0	0	0	121	0	143	86	122	0	150	92	105	0	125	86	114	0	130	88	0	0	0	0	0	0
2300	106	0	114	0	134	0	143	0	0	0	0	0	114	0	136	88	116	0	140	89	97	0	125	80	105	0	118	87	0	0	0	0	0	0
2400	95	0	113	0	125	0	139	0	0	0	0	0	119	0	152	97	122	0	144	92	109	0	127	92	118	0	134	101	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	324	0	322	0	322	0	314	0	320	2	320	2	-5	0	-9	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	322	0	320	0	317	0	312	0	320	2	320	2	-5	0	-9	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	320	0	317	0	314	0	308	0	320	2	320	2	-5	0	-9	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	317	0	314	0	312	0	306	0	320	2	320	2	-5	0	-9	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	322	0	317	0	314	0	308	0	320	2	320	2	-5	0	-9	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	317	0	315	0	312	0	308	0	320	2	320	2	-5	0	-9	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	320	0	317	0	315	0	310	0	320	2	320	2	-4	0	-7	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	6
900	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	460	0	459	0	457	0	451	0	320	2	320	2	-7	0	-9	0	0	2	0	2	392	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	442	0	439	0	435	0	430	0	320	2	320	2	-9	0	-9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	419	0	417	0	412	0	406	0	320	2	320	2	-9	0	-11	0	0	2	0	2	367	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	406	0	405	0	401	0	396	0	320	2	320	2	-7	0	-11	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	397	0	396	0	392	0	387	0	320	2	320	2	-7	0	-9	0	0	2	0	2	356	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	390	0	388	0	385	0	379	0	320	2	320	2	-7	0	-11	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	383	0	383	0	378	0	374	0	320	2	320	2	-7	0	-11	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	376	0	376	0	370	0	365	0	320	2	320	2	-7	0	-11	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	374	0	372	0	367	0	363	0	320	2	320	2	-7	0	-9	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

ST[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	94	0	107	0	125	0	137	0	0	0	0	0	119	0	145	71	117	0	137	81	102	0	128	78	110	0	128	88	0	0	0	0	0	0
200	86	0	100	0	118	0	128	0	0	0	0	0	107	0	132	66	106	0	141	78	90	0	107	71	98	0	111	81	0	0	0	0	0	0
300	103	0	117	0	137	0	146	0	0	0	0	0	111	0	141	82	112	0	149	77	91	0	108	78	99	0	116	84	0	0	0	0	0	0
400	115	0	123	0	140	0	146	0	0	0	0	0	116	0	133	90	118	0	142	99	99	0	120	87	107	0	127	94	0	0	0	0	0	0
500	104	0	111	0	129	0	135	0	0	0	0	0	111	0	133	76	114	0	138	78	92	0	105	77	101	0	116	78	0	0	0	0	0	0
600	97	0	109	0	123	0	130	0	0	0	0	0	118	0	139	90	118	0	146	92	101	0	123	80	109	0	132	80	0	0	0	0	0	0
700	110	0	117	0	141	0	146	0	0	0	0	0	114	0	147	80	116	0	145	84	99	0	111	87	107	0	120	95	0	0	0	0	0	0
800	103	0	114	0	133	0	140	0	0	0	0	0	112	0	149	87	112	0	135	78	94	0	115	76	103	0	124	79	0	0	0	0	0	0
900	111	0	121	0	143	0	146	0	0	0	0	0	111	0	141	89	111	0	143	80	91	0	112	63	98	0	117	74	0	0	0	0	0	0
1000	110	0	119	0	141	0	148	0	0	0	0	0	110	0	147	78	110	0	144	79	91	0	116	75	97	0	119	68	0	0	0	0	0	0
1100	140	0	150	0	158	0	163	0	0	0	0	0	120	0	143	84	121	0	138	94	101	0	120	63	109	0	131	89	0	0	0	0	0	0
1200	112	0	124	0	142	0	151	0	0	0	0	0	104	0	148	52	104	0	140	60	92	0	123	60	99	0	139	67	0	0	0	0	0	0
1300	154	0	158	0	186	0	190	0	0	0	0	0	112	0	148	83	115	0	143	86	96	0	117	75	104	0	122	85	0	0	0	0	0	0
1400	158	0	166	0	200	0	205	0	0	0	0	0	104	0	135	63	107	0	140	70	87	0	118	64	95	0	117	72	0	0	0	0	0	0
1500	172	0	181	0	222	0	227	0	0	0	0	0	109	0	138	81	111	0	146	89	94	0	118	72	103	0	128	82	0	0	0	0	0	0
1600	174	0	181	0	248	0	234	0	0	0	0	0	107	0	136	80	108	0	142	57	91	0	123	66	98	0	124	79	0	0	0	0	0	0
1700	161	0	166	0	217	0	221	0	0	0	0	0	102	0	133	69	102	0	141	72	87	0	114	59	95	0	119	75	0	0	0	0	0	0
1800	186	0	197	0	253	0	250	0	0	0	0	0	102	0	135	78	102	0	129	73	85	0	127	71	94	0	123	71	0	0	0	0	0	0
1900	185	0	197	0	254	0	245	0	0	0	0	0	101	0	131	74	103	0	153	70	85	0	137	65	92	0	137	74	0	0	0	0	0	0
2000	182	0	213	0	257	0	240	0	0	0	0	0	109	0	144	70	112	0	162	69	92	0	127	58	100	0	128	70	0	0	0	0	0	0
2100	207	0	212	0	262	0	253	0	0	0	0	0	110	0	137	84	112	0	140	86	95	0	111	77	104	0	118	86	0	0	0	0	0	0
2200	175	0	193	0	241	0	238	0	0	0	0	0	113	0	145	91	116	0	169	84	99	0	129	83	106	0	130	84	0	0	0	0	0	0
2300	170	0	188	0	224	0	220	0	0	0	0	0	119	0	146	85	121	0	165	90	102	0	145	68	111	0	146	82	0	0	0	0	0	0
2400	120	0	141	0	160	0	166	0	0	0	0	0	116	0	143	94	120	0	146	91	104	0	124	82	113	0	129	92	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	372	0	370	0	365	0	360	0	320	2	320	2	-9	0	-11	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	358	0	356	0	351	0	345	0	320	2	320	2	-9	0	-11	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	347	0	345	0	336	0	331	0	320	2	320	2	-13	0	-16	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	347	0	345	0	338	0	333	0	320	2	320	2	-11	0	-13	0	0	2	0	2	331	2.	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	343	0	342	0	336	0	331	0	320	2	320	2	-9	0	-11	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	347	0	345	0	342	0	336	0	320	2	320	2	-9	0	-11	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	351	0	349	0	343	0	338	0	320	2	320	2	-9	0	-13	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	352	0	351	0	345	0	340	0	320	2	320	2	-9	0	-11	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	358	0	358	0	351	0	345	0	320	2	320	2	-9	0	-11	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	367	0	365	0	360	0	354	0	320	2	320	2	-9	0	-11	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	378	0	376	0	374	0	367	0	320	2	320	2	-7	0	-11	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	392	0	390	0	388	0	383	0	320	2	320	2	-5	0	-9	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	397	0	396	0	390	0	387	0	320	2	320	2	-9	0	-11	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	387	0	385	0	378	0	372	0	320	2	320	2	-11	0	-14	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	383	0	383	0	376	0	372	0	320	2	320	2	-9	0	-13	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	388	0	390	0	378	0	372	0	320	2	320	2	-9	0	-11	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1700	385	0	383	0	376	0	374	0	320	2	320	2	-9	0	-11	0	0	2	0	2	349	2	0	2	0	2	0	2	0	2	0	2	0	2	104	0
1800	390	0	390	0	381	0	376	0	320	2	320	2	-9	0	-13	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
1900	394	0	390	0	381	0	376	0	320	2	320	2	-9	0	-11	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	115	0
2000	399	0	397	0	388	0	381	0	320	2	320	2	-7	0	-9	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2100	396	0	396	0	387	0	383	0	320	2	320	2	-9	0	-11	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	410	0	410	0	399	0	394	0	320	2	320	2	-9	0	-13	0	0	2	0	2	358	2	0	2	0	2	0	2	0	2	0	2	0	2	138	0
2300	421	0	417	0	408	0	403	0	320	2	320	2	-7	0	-11	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	139	0
2400	421	0	419	0	415	0	410	0	320	2	320	2	-5	0	-7	0	0	2	0	2	367	2	0	2	0	2	0	2	0	2	0	2	0	2	140	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	149	0	166	0	176	0	191	0	0	0	0	0	120	0	146	100	122	0	152	101	106	0	125	93	116	0	130	101	0	0	0	0	0	0
200	52	0	75	0	94	0	109	0	0	0	0	0	131	0	172	102	134	0	183	99	126	0	151	99	136	0	166	109	0	0	0	0	0	0
300	52	0	69	0	87	0	103	0	0	0	0	0	119	0	134	102	121	0	137	98	112	0	120	99	122	0	130	109	0	0	0	0	0	0
400	58	0	74	0	91	0	103	0	0	0	0	0	113	0	135	83	114	0	148	83	96	0	117	81	106	0	126	91	0	0	0	0	0	0
500	45	0	68	0	89	0	103	0	0	0	0	0	127	0	145	107	130	0	143	110	119	0	138	105	128	0	150	118	0	0	0	0	0	0
600	35	0	56	0	93	0	108	0	0	0	0	0	151	0	185	117	154	0	185	122	145	0	158	134	154	0	163	142	0	0	0	0	0	0
700	34	0	52	0	87	0	91	0	0	0	0	0	187	0	245	118	186	0	266	123	178	0	214	157	184	0	217	162	0	0	0	0	0	0
800	28	0	48	0	78	0	83	0	0	0	0	0	183	0	253	115	186	0	253	111	176	0	201	158	182	0	201	162	0	0	0	0	0	0
900	19	0	35	0	56	0	65	0	0	0	0	0	178	0	237	113	179	0	250	120	174	0	208	151	181	0	215	156	0	0	0	0	0	0
1000	56	0	66	0	89	0	90	0	0	0	0	0	222	0	268	145	221	0	263	166	208	0	341	181	212	0	252	182	0	0	0	0	0	0
1100	74	0	80	0	119	0	119	0	0	0	0	0	244	0	278	205	239	0	268	208	225	0	246	129	232	0	251	217	0	0	0	0	0	0
1200	66	0	78	0	113	0	106	0	0	0	0	0	253	0	292	216	251	0	289	219	241	0	245	236	245	0	251	239	0	0	0	0	0	0
1300	85	0	09	0	147	0	131	0	0	0	0	0	247	0	281	202	243	0	274	207	240	0	247	219	245	0	255	225	0	0	0	0	0	0
1400	68	0	79	0	124	0	148	0	0	0	0	0	250	0	282	217	247	0	275	203	252	0	261	236	257	0	270	242	0	0	0	0	0	0
1500	122	0	143	0	172	0	193	0	0	0	0	0	278	0	326	233	274	0	311	237	271	0	310	232	273	0	308	232	0	0	0	0	0	0
1600	203	0	217	0	260	0	284	0	0	0	0	0	295	0	335	249	287	0	343	246	281	0	302	245	283	0	308	245	0	0	0	0	0	0
1700	221	0	249	0	277	0	298	0	0	0	0	0	293	0	326	252	290	0	339	250	282	0	333	247	283	0	306	250	0	0	0	0	0	0
1800	222	0	233	0	264	0	295	0	0	0	0	0	296	0	322	263	290	0	319	252	283	0	298	253	285	0	299	255	0	0	0	0	0	0
1900	258	0	264	0	325	0	348	0	0	0	0	0	301	0	320	267	294	0	319	229	292	0	299	283	292	0	299	285	0	0	0	0	0	0
2000	244	0	254	0	324	0	347	0	0	0	0	0	302	0	323	262	296	0	320	265	293	0	302	251	293	0	300	259	0	0	0	0	0	0
2100	255	0	277	0	330	0	343	0	0	0	0	0	308	0	337	279	302	0	330	276	298	0	307	288	298	0	307	288	0	0	0	0	0	0
2200	249	0	263	0	341	0	362	0	0	0	0	0	302	0	330	281	296	0	327	265	294	0	303	286	294	0	305	284	0	0	0	0	0	0
2300	291	0	312	0	379	0	379	0	0	0	0	0	307	0	335	276	302	0	327	271	300	0	307	293	300	0	308	288	0	0	0	0	0	0
2400	280	0	318	0	375	0	389	0	0	0	0	0	306	0	331	273	302	0	330	269	299	0	309	287	299	0	309	289	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	428	0	428	0	424	0	419	0	320	2	320	2	-7	0	-9	0	0	2	0	2	376	2	0	2	0	2	0	2	0	2	0	2	0	2	140	0
200	439	0	437	0	433	0	426	0	320	2	320	2	-5	0	-9	0	0	2	0	2	372	2	0	2	0	2	0	2	0	2	0	2	0	2	142	0
300	433	0	432	0	433	0	430	0	320	2	320	2	0	0	-2	0	0	2	0	2	376	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
400	424	0	423	0	423	0	417	0	320	2	320	2	-4	0	-5	0	0	2	0	2	370	2	0	2	0	2	0	2	0	2	0	2	0	2	151	0
500	430	0	430	0	433	0	426	0	320	2	320	2	0	0	-4	0	0	2	0	2	374	2	0	2	0	2	0	2	0	2	0	2	0	2	153	0
600	426	0	426	0	424	0	419	0	320	2	320	2	-4	0	-9	0	0	2	0	2	374	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
700	417	0	415	0	408	0	403	0	320	2	320	2	-9	0	-13	0	0	2	0	2	370	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
800	403	0	403	0	401	0	396	0	320	2	320	2	-4	0	-7	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
900	410	0	408	0	405	0	401	0	320	2	320	2	-7	0	-7	0	0	2	0	2	363	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
1000	414	0	414	0	408	0	405	0	320	2	320	2	-7	0	-7	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
1100	396	0	394	0	408	0	403	0	320	2	320	2	11	0	9	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
1200	401	0	399	0	399	0	394	0	320	2	320	2	-4	0	-5	0	0	2	0	2	363	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
1300	376	0	374	0	378	0	372	0	320	2	320	2	-2	0	-4	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
1400	363	0	361	0	369	0	365	0	320	2	320	2	4	0	2	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1500	370	0	369	0	369	0	361	0	320	2	320	2	-5	0	-7	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1600	354	0	352	0	347	0	342	0	320	2	320	2	-7	0	-11	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1700	347	0	347	0	340	0	329	0	320	2	320	2	-11	0	-13	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1800	322	0	320	0	312	0	306	0	320	2	320	2	-9	0	-13	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1900	322	0	315	0	310	0	305	0	320	2	320	2	-9	0	-11	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
2000	317	0	315	0	308	0	305	0	320	2	320	2	-11	0	-13	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2100	322	0	320	0	314	0	310	0	320	2	320	2	-9	0	-11	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	162	6
2200	331	0	329	0	325	0	317	0	320	2	320	2	-9	0	-13	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2300	325	0	324	0	322	0	315	0	320	2	320	2	-5	0	-7	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2400	327	0	325	0	322	0	315	0	320	2	320	2	-5	0	-9	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]LID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REP[illegible]G RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, D[illegible]ON 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 120A	S	WIND SPD4 120B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	S	MIN	MAX	S	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	274	0	300	0	385	0	382	0	0	0	0	0	315	0	341	281	310	0	342	287	308	0	319	298	308	0	321	299	0	0	0	0	0	0
200	226	0	249	0	315	0	329	0	0	0	0	0	305	0	332	268	302	0	328	260	298	0	305	289	298	0	306	287	0	0	0	0	0	0
300	250	0	275	0	311	0	317	0	0	0	0	0	310	0	337	281	305	0	326	273	300	0	313	286	301	0	308	291	0	0	0	0	0	0
400	238	0	251	0	301	0	328	0	0	0	0	0	304	0	325	277	299	0	327	273	295	0	302	281	295	0	300	273	0	0	0	0	0	0
500	205	0	221	0	268	0	288	0	0	0	0	0	301	0	331	270	297	0	328	253	293	0	302	283	294	0	306	283	0	0	0	0	0	0
600	203	0	218	0	270	0	293	0	0	0	0	0	301	0	339	278	294	0	315	262	292	0	319	284	292	0	327	285	0	0	0	0	0	0
700	208	0	221	0	285	0	312	0	0	0	0	0	301	0	328	271	295	0	324	272	290	0	296	282	291	0	298	282	0	0	0	0	0	0
800	169	0	183	0	213	0	235	0	0	0	0	0	284	0	320	230	281	0	315	231	274	0	294	232	277	0	295	239	0	0	0	0	0	0
900	178	0	199	0	213	0	234	0	0	0	0	0	268	0	298	239	265	0	299	236	260	0	290	243	264	0	307	242	0	0	0	0	0	0
1000	202	0	213	0	223	0	224	0	0	0	0	0	270	0	293	251	266	0	292	248	260	0	299	242	262	0	281	247	0	0	0	0	0	0
1100	150	0	166	0	211	0	225	0	0	0	0	0	265	0	299	220	263	0	318	224	248	0	272	233	252	0	273	233	0	0	0	0	0	0
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1600	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1700	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1900	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2000	81	0	101	0	152	0	165	0	0	0	0	0	298	0	320	270	291	0	313	256	297	0	307	280	299	0	309	289	0	0	0	0	0	0
2100	113	0	133	0	217	0	242	0	0	0	0	0	315	0	340	293	309	0	338	276	314	0	319	308	315	0	322	309	0	0	0	0	0	0
2200	127	0	150	0	207	0	215	0	0	0	0	0	305	0	338	271	302	0	322	272	300	0	305	297	301	0	304	298	0	0	0	0	0	0
2300	140	0	165	0	225	0	231	0	0	0	0	0	307	0	341	284	303	0	329	285	300	0	306	295	301	0	304	298	0	0	0	0	0	0
2400	140	0	164	0	234	0	247	0	0	0	0	0	314	0	349	273	307	0	325	262	309	0	314	303	310	0	318	306	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	331	0	329	0	325	0	320	0	320	2	320	2	-5	0	-9	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
200	336	0	336	0	333	0	327	0	320	2	320	2	-5	0	-9	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
300	342	0	340	0	336	0	333	0	320	2	320	2	-5	0	-9	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
400	338	0	336	0	333	0	327	0	320	2	320	2	-5	0	-9	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
500	334	0	331	0	327	0	324	0	320	2	320	2	-5	0	-9	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
600	331	0	329	0	325	0	320	0	320	2	320	2	-5	0	-11	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
700	325	0	325	0	320	0	314	0	320	2	320	2	-5	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
800	327	0	327	0	322	0	315	0	320	2	320	2	-5	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
900	322	0	320	0	319	0	312	0	320	2	320	2	-5	0	-9	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1000	322	0	325	0	331	0	315	0	320	2	320	2	-5	0	-9	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1100	320	0	320	0	322	0	310	0	320	2	320	2	-5	0	-9	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	378	0	378	0	396	0	390	0	320	2	320	2	18	0	14	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2100	367	0	367	0	390	0	385	0	320	2	320	2	22	0	18	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2200	363	0	361	0	374	0	369	0	320	2	320	2	11	0	7	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2300	360	0	360	0	367	0	361	0	320	2	320	2	5	0	2	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2400	360	0	358	0	360	0	354	0	320	2	320	2	0	0	-4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	125	0	147	0	195	0	219	0	0	0	0	0	321	0	349	284	315	0	353	256	317	0	332	306	318	0	327	312	0	0	0	0	0	0
200	118	0	145	0	204	0	224	0	0	0	0	0	327	0	8	282	325	0	4	276	322	0	334	311	323	0	336	312	0	0	0	0	0	0
300	144	0	158	0	197	0	215	0	0	0	0	0	338	0	5	306	335	0	34	312	327	0	338	315	329	0	342	312	0	0	0	0	0	0
400	141	0	158	0	206	0	223	0	0	0	0	0	336	0	6	299	333	0	359	297	325	0	332	317	327	0	340	317	0	0	0	0	0	0
500	144	0	161	0	211	0	228	0	0	0	0	0	336	0	14	296	333	0	14	300	326	0	335	311	327	0	341	314	0	0	0	0	0	0
600	132	0	154	0	203	0	221	0	0	0	0	0	334	0	19	283	332	0	10	294	321	0	331	308	323	0	335	317	0	0	0	0	0	0
700	165	0	185	0	222	0	241	0	0	0	0	0	339	0	43	307	332	0	9	288	324	0	330	307	325	0	331	309	0	0	0	0	0	0
800	145	0	169	0	208	0	225	0	0	0	0	0	339	0	22	313	335	0	7	307	326	0	340	301	328	0	346	309	0	0	0	0	0	0
900	161	0	174	0	209	0	214	0	0	0	0	0	342	0	19	308	337	0	31	312	328	0	8	318	330	0	3	316	0	0	0	0	0	0
1000	132	0	148	0	182	0	199	0	0	0	0	0	343	0	17	308	339	0	5	311	329	0	5	310	331	0	350	311	0	0	0	0	0	0
1100	126	0	153	0	183	0	198	0	0	0	0	0	334	0	9	271	331	0	9	279	324	0	359	300	327	0	27	301	0	0	0	0	0	0
1200	106	0	131	0	161	0	180	0	0	0	0	0	331	0	24	274	330	0	27	275	321	0	349	269	323	0	346	284	0	0	0	0	0	0
1300	126	0	152	0	170	0	190	0	0	0	0	0	330	0	4	275	324	0	6	280	318	0	340	281	320	0	334	289	0	0	0	0	0	0
1400	112	0	141	0	167	0	189	0	0	0	0	0	328	0	357	289	327	0	17	274	318	0	346	296	320	0	333	302	0	0	0	0	0	0
1500	95	0	117	0	142	0	159	0	0	0	0	0	328	0	11	287	323	0	3	273	315	0	343	271	317	0	347	282	0	0	0	0	0	0
1600	108	0	132	0	145	0	159	0	0	0	0	0	339	0	32	275	334	0	11	299	325	0	358	302	325	0	353	280	0	0	0	0	0	0
1700	99	0	122	0	126	0	142	0	0	0	0	0	340	0	14	305	334	0	358	309	327	0	342	309	329	0	346	309	0	0	0	0	0	0
1800	60	0	79	0	96	0	109	0	0	0	0	0	348	0	48	302	345	0	41	314	339	0	17	303	343	0	26	311	0	0	0	0	0	0
1900	42	0	62	0	90	0	106	0	0	0	0	0	14	0	90	304	11	0	54	294	349	0	22	313	353	0	29	299	0	0	0	0	0	0
2000	48	0	69	0	78	0	90	0	0	0	0	0	27	0	68	355	26	0	50	357	1	0	16	331	5	0	23	323	0	0	0	0	0	0
2100	33	0	59	0	61	0	79	0	0	0	0	0	53	0	72	30	53	0	78	22	28	0	38	13	35	0	47	18	0	0	0	0	0	0
2200	12	0	35	0	51	0	65	0	0	0	0	0	54	3	79	33	56	0	80	32	23	0	32	9	29	0	36	17	0	0	0	0	0	0
2300	12	0	33	0	24	0	39	0	0	0	0	0	357	3	29	340	353	0	25	331	338	0	357	324	342	0	1	326	0	0	0	0	0	0
2400	15	0	38	0	29	0	46	0	0	0	0	0	320	5	338	298	316	0	335	290	311	0	324	294	312	0	330	298	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	352	0	352	0	352	0	347	0	320	2	320	2	2	0	-5	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
200	349	0	349	0	347	0	343	0	320	2	320	2	-2	0	-7	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
300	345	0	343	0	340	0	336	0	320	2	320	2	-5	0	-9	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
400	340	0	338	0	334	0	329	0	320	2	320	2	-5	0	-9	0	0	2	0	2	325	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
500	331	0	329	0	327	0	322	0	320	2	320	2	-5	0	-9	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
600	325	0	324	0	320	0	314	0	320	2	320	2	-5	0	-9	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
700	315	0	315	0	310	0	305	0	320	2	320	2	-7	0	-11	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
800	310	0	308	0	314	0	310	0	320	2	320	2	4	0	0	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
900	312	0	310	0	320	0	322	0	320	2	320	2	11	0	7	0	0	2	0	2	308	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1000	310	0	308	0	314	0	312	0	320	2	320	2	5	0	4	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1100	308	0	306	0	308	0	305	0	320	2	320	2	2	0	2	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1200	308	0	308	0	305	0	303	0	320	2	320	2	-4	0	-5	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	165	0
1300	303	0	301	0	301	0	296	0	320	2	320	2	2	0	-5	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	163	6
1400	308	0	306	0	310	0	303	0	320	2	320	2	2	0	-5	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
1500	314	0	314	0	317	0	312	0	320	2	320	2	2	0	-2	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1600	317	0	322	0	322	0	322	0	320	2	320	2	7	0	4	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1700	320	0	320	0	329	0	325	0	320	2	320	2	9	0	5	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1800	322	0	322	0	327	0	322	0	320	2	320	2	4	0	0	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1900	312	0	312	0	310	0	306	0	320	2	320	2	0	0	-5	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2000	310	0	310	0	310	0	305	0	320	2	320	2	0	0	-5	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2100	301	0	303	0	306	0	303	0	320	2	320	2	5	0	0	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
2200	292	0	294	0	305	0	303	0	320	2	320	2	13	0	7	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
2300	301	0	305	0	308	0	305	0	320	2	320	2	7	0	0	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2400	301	0	303	0	310	0	305	0	320	2	320	2	7	0	2	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6

ST[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	18	0	41	0	32	0	50	0	0	0	0	0	289	0	319	261	286	0	311	258	282	0	301	248	285	0	303	257	0	0	0	0	0	0
200	25	0	25	0	22	0	39	0	0	0	0	0	273	0	321	247	270	0	307	248	273	0	303	244	278	0	305	239	0	0	0	0	0	0
300	32	0	45	0	42	0	64	0	0	0	0	0	246	0	264	225	242	0	268	218	251	0	261	244	256	0	263	248	0	0	0	0	0	0
400	51	0	73	0	56	0	78	0	0	0	0	0	263	0	281	239	261	0	290	221	256	0	286	244	262	0	291	250	0	0	0	0	0	0
500	30	0	68	0	65	0	84	0	0	0	0	0	302	0	338	279	297	0	334	271	287	0	297	258	289	0	298	260	0	0	0	0	0	0
600	21	0	42	0	41	0	61	0	0	0	0	0	80	0	111	50	82	0	101	58	36	0	62	322	43	0	75	329	0	0	0	0	0	0
700	45	0	64	0	87	0	100	0	0	0	0	0	112	0	129	103	117	0	133	101	95	0	101	89	104	0	110	99	0	0	0	0	0	0
800	36	0	60	0	81	0	96	0	0	0	0	0	139	0	162	122	144	0	157	122	112	0	117	111	122	0	127	119	0	0	0	0	0	0
900	44	0	71	0	63	0	81	0	0	0	0	0	135	0	176	110	140	0	181	116	131	0	156	112	143	0	168	121	0	0	0	0	0	0
1000	25	0	49	0	42	0	55	0	0	0	0	0	134	0	169	98	136	0	181	93	138	0	171	100	143	0	177	113	0	0	0	0	0	0
1100	45	0	61	0	48	0	59	0	0	0	0	0	254	0	299	214	253	0	289	220	231	0	263	205	236	0	274	210	0	0	0	0	0	0
1200	34	0	47	0	38	0	50	0	0	0	0	0	252	0	298	204	254	0	300	215	224	0	263	135	230	0	265	138	0	0	0	0	0	0
1300	23	0	37	0	34	0	40	0	0	0	0	0	270	3	349	183	271	0	350	189	179	0	266	114	186	0	258	94	0	0	0	0	0	0
1400	39	0	50	0	54	0	61	0	0	0	0	0	247	0	293	204	247	0	297	206	207	0	237	172	213	0	239	180	0	0	0	0	0	0
1500	24	0	38	0	45	0	54	0	0	0	0	0	239	0	287	181	240	0	286	189	195	0	239	139	202	0	239	149	0	0	0	0	0	0
1600	52	0	61	0	89	0	91	0	0	0	0	0	197	0	262	105	199	0	264	116	180	0	248	137	187	0	246	131	0	0	0	0	0	0
1700	43	2	63	2	102	2	111	2	0	0	0	0	187	2	269	116	185	2	264	102	171	2	208	128	178	2	219	146	0	0	0	0	0	0
1800	56	0	69	0	101	0	102	0	0	0	0	0	196	0	269	120	194	0	264	133	179	0	207	139	186	0	214	141	0	0	0	0	0	0
1900	44	0	66	0	101	0	115	0	0	0	0	0	158	0	229	91	157	0	198	105	154	0	179	114	162	0	182	124	0	0	0	0	0	0
2000	55	0	74	0	121	0	137	0	0	0	0	0	152	0	209	112	153	0	209	113	148	0	183	124	156	0	189	136	0	0	0	0	0	0
2100	52	0	76	0	109	0	124	0	0	0	0	0	148	0	197	121	151	0	187	125	144	0	168	113	151	0	175	120	0	0	0	0	0	0
2200	50	0	75	0	118	0	132	0	0	0	0	0	147	0	196	116	150	0	197	114	143	0	164	124	151	0	168	130	0	0	0	0	0	0
2300	68	0	89	0	141	0	154	0	0	0	0	0	149	0	211	105	151	0	192	110	144	0	166	124	153	0	170	139	0	0	0	0	0	0
2400	86	0	109	0	155	0	167	0	0	0	0	0	146	0	176	111	147	0	184	106	140	0	163	122	149	0	168	125	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	299	0	301	0	312	0	309	0	320	2	320	2	13	0	7	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
200	292	0	294	0	312	0	306	0	320	2	320	2	20	0	13	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
300	285	0	285	0	306	0	301	0	320	2	320	2	22	0	16	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
400	305	0	303	0	308	0	303	0	320	2	320	2	4	0	0	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
500	314	0	312	0	314	0	310	0	320	2	320	2	2	0	-4	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
600	285	0	283	0	303	0	299	0	320	2	320	2	20	0	14	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
700	261	0	261	0	292	0	287	0	320	2	320	2	31	0	25	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
800	261	0	260	0	292	0	289	0	320	2	320	2	32	0	29	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
900	290	0	288	0	308	0	303	0	320	2	320	2	16	0	13	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1000	322	0	317	0	324	0	320	0	320	2	320	2	5	0	4	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1100	342	0	340	0	343	0	340	0	320	2	320	2	2	0	0	0	0	2	0	2	356	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
1200	356	0	354	0	369	0	367	0	320	2	320	2	14	0	11	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1300	394	0	390	0	410	0	405	0	320	2	320	2	18	0	18	0	0	2	0	2	398	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
1400	412	0	408	0	423	0	415	0	320	2	320	2	11	0	7	0	0	2	0	2	392	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
1500	412	0	410	0	423	0	419	0	320	2	320	2	11	0	9	0	0	2	0	2	376	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1600	464	0	464	0	460	0	453	0	320	2	320	2	-4	0	-9	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	160	6
1700	451	2	450	2	442	2	437	2	320	2	320	2	-7	2	-11	2	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1800	441	0	439	0	435	0	430	0	320	2	320	2	-5	0	-9	0	0	2	0	2	379	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
1900	428	0	426	0	424	0	419	0	320	2	320	2	-4	0	-7	0	0	2	0	2	372	2	0	2	0	2	0	2	0	2	0	2	0	2	162	0
2000	419	0	417	0	414	0	410	0	320	2	320	2	-4	0	-7	0	0	2	0	2	367	2	0	2	0	2	0	2	0	2	0	2	0	2	161	6
2100	412	0	412	0	410	0	405	0	320	2	320	2	-4	0	-7	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
2200	412	0	412	0	412	0	405	0	320	2	320	2	2	0	-5	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
2300	408	0	406	0	406	0	401	0	320	2	320	2	-2	0	-7	0	0	2	0	2	361	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
2400	406	0	405	0	401	0	396	0	320	2	320	2	-5	0	-9	0	0	2	0	2	360	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	80	0	106	0	148	0	161	0	0	0	0	0	143	0	185	116	148	0	185	117	136	0	156	118	146	0	167	129	0	0	0	0	0	0
200	92	0	122	0	183	0	200	0	0	0	0	0	162	0	217	113	162	0	206	105	156	0	176	126	164	0	186	136	0	0	0	0	0	0
300	139	0	155	0	235	0	252	0	0	0	0	0	150	0	191	102	153	0	203	111	144	0	167	123	153	0	183	137	0	0	0	0	0	0
400	108	0	129	0	190	0	201	0	0	0	0	0	145	0	184	115	148	0	192	121	144	0	171	121	152	0	177	128	0	0	0	0	0	0
500	92	0	119	0	174	0	188	0	0	0	0	0	143	0	177	115	143	0	177	111	136	0	151	112	147	0	160	128	0	0	0	0	0	0
600	98	0	127	0	172	0	184	0	0	0	0	0	134	0	160	112	136	0	180	117	130	0	152	115	139	0	161	126	0	0	0	0	0	0
700	110	0	141	0	166	0	182	0	0	0	0	0	130	0	163	112	133	0	156	114	122	0	134	104	132	0	144	112	0	0	0	0	0	0
800	110	0	132	0	147	0	169	0	0	0	0	0	126	0	150	109	127	0	148	93	114	0	128	101	124	0	141	109	0	0	0	0	0	0
900	129	0	155	0	160	0	180	0	0	0	0	0	125	0	146	101	129	0	162	103	113	0	136	96	123	0	142	105	0	0	0	0	0	0
1000	109	0	136	0	166	0	174	0	0	0	0	0	135	0	193	106	138	0	173	113	120	0	156	100	129	0	143	109	0	0	0	0	0	0
1100	103	0	127	0	129	0	145	0	0	0	0	0	126	0	171	84	128	0	165	87	107	0	135	42	116	0	144	78	0	0	0	0	0	0
1200	140	0	146	0	162	0	169	0	0	0	0	0	117	0	146	92	120	0	154	88	106	0	140	75	115	0	133	87	0	0	0	0	0	0
1300	105	0	125	0	135	0	150	0	0	0	0	0	119	0	164	55	121	0	153	95	106	0	144	78	115	0	155	67	0	0	0	0	0	0
1400	119	0	135	0	146	0	160	0	0	0	0	0	119	0	141	83	121	0	152	60	106	0	133	83	115	0	140	93	0	0	0	0	0	0
1500	101	0	122	0	135	0	150	0	0	0	0	0	122	0	161	87	123	0	156	88	107	0	141	81	115	0	154	86	0	0	0	0	0	0
1600	86	0	101	0	109	0	118	0	0	0	0	0	110	0	147	62	109	0	146	61	91	0	152	13	96	0	127	36	0	0	0	0	0	0
1700	87	0	97	0	108	0	113	0	0	0	0	0	102	0	138	72	103	0	144	71	87	0	152	64	93	0	123	68	0	0	0	0	0	0
1800	90	0	104	0	126	0	135	0	0	0	0	0	102	0	128	65	102	0	136	50	86	0	161	61	91	0	115	65	0	0	0	0	0	0
1900	81	0	97	0	119	0	130	0	0	0	0	0	93	0	134	62	93	0	119	65	76	0	94	61	83	0	102	68	0	0	0	0	0	0
2000	53	0	70	0	100	0	111	0	0	0	0	0	104	0	125	76	104	0	125	75	92	0	99	82	100	0	109	91	0	0	0	0	0	0
2100	62	0	78	0	113	0	122	0	0	0	0	0	100	0	118	80	101	0	125	77	88	0	93	81	96	0	98	90	0	0	0	0	0	0
2200	76	0	90	0	121	0	135	0	0	0	0	0	115	0	137	94	116	0	136	91	104	0	115	90	112	0	120	97	0	0	0	0	0	0
2300	95	0	110	0	129	0	146	0	0	0	0	0	122	0	133	96	125	0	141	100	110	0	120	94	118	0	129	106	0	0	0	0	0	0
2400	94	0	114	0	131	0	149	0	0	0	0	0	123	0	146	104	126	0	142	111	111	0	129	101	119	0	129	112	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	392	0	392	0	383	0	378	0	320	2	320	2	-11	0	-13	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	161	0
200	376	0	376	0	361	0	361	0	320	2	320	2	-14	0	-14	0	0	2	0	2	338	2	0	2	0	2	0	2	0	2	0	2	0	2	164	0
300	365	0	363	0	349	0	345	0	320	2	320	2	-14	0	-18	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
400	374	0	372	0	374	0	367	0	320	2	320	2	-2	0	-7	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	167	0
500	374	0	372	0	370	0	365	0	320	2	320	2	-4	0	-7	0	0	2	0	2	343	2	0	2	0	2	0	2	0	2	0	2	0	2	166	6
600	372	0	370	0	370	0	365	0	320	2	320	2	-2	0	-7	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	167	0
700	369	0	369	0	365	0	361	0	320	2	320	2	-4	0	-7	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	166	6
800	358	0	356	0	356	0	351	0	320	2	320	2	-2	0	-7	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
900	365	0	363	0	361	0	354	0	320	2	320	2	-4	0	-7	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1000	376	0	379	0	376	0	369	0	320	2	320	2	-4	0	-7	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1100	397	0	397	0	410	0	405	0	320	2	320	2	13	0	9	0	0	2	0	2	369	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1200	410	0	412	0	421	0	415	0	320	2	320	2	9	0	5	0	0	2	0	2	365	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1300	435	0	433	0	442	0	437	0	320	2	320	2	7	0	4	0	0	2	0	2	388	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1400	441	0	441	0	450	0	442	0	320	2	320	2	9	0	4	0	0	2	0	2	392	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1500	446	0	444	0	457	0	446	0	320	2	320	2	9	0	2	0	0	2	0	2	388	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1600	442	0	442	0	459	0	450	0	320	2	320	2	13	0	7	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1700	444	0	446	0	460	0	453	0	320	2	320	2	13	0	9	0	0	2	0	2	381	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1800	428	0	426	0	428	0	423	0	320	2	320	2	0	0	-4	0	0	2	0	2	372	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
1900	396	0	394	0	392	0	387	0	320	2	320	2	-4	0	-7	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
2000	379	0	379	0	387	0	381	0	320	2	320	2	5	0	2	0	0	2	0	2	345	2	0	2	0	2	0	2	0	2	0	2	0	2	166	0
2100	369	0	369	0	381	0	376	0	320	2	320	2	13	0	9	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	167	0
2200	363	0	361	0	369	0	363	0	320	2	320	2	5	0	2	0	0	2	0	2	336	2	0	2	0	2	0	2	0	2	0	2	0	2	166	6
2300	358	0	356	0	358	0	352	0	320	2	320	2	2	0	-4	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	167	0
2400	352	0	351	0	354	0	349	0	320	2	320	2	2	0	-4	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	100	6

S CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 [illegible] VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
[illegible] ING RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible] TION 1 DEGREE, RAINFALL 01 INCHES, NET RADIATION .01 [illegible] LEY

HOUR	[illegible] 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	89	0	112	0	138	0	153	0	0	0	0	0	127	0	138	109	131	0	141	112	122	0	131	113	131	0	138	122	0	0	0	0	0	0
200	97	0	119	0	160	0	169	0	0	0	0	0	129	0	145	115	133	0	148	118	122	0	127	118	131	0	137	126	0	0	0	0	0	0
300	78	0	107	0	158	0	172	0	0	0	0	0	132	0	146	115	137	0	152	121	132	0	137	127	141	0	148	137	0	0	0	0	0	0
400	75	0	105	0	149	0	163	0	0	0	0	0	132	0	154	121	138	0	172	121	132	0	150	129	142	0	145	138	0	0	0	0	0	0
500	68	0	92	0	141	0	156	0	0	0	0	0	132	0	146	116	136	0	151	117	133	0	137	128	143	0	148	135	0	0	0	0	0	0
600	22	0	43	0	90	0	104	0	0	0	0	0	136	0	165	115	138	0	165	112	137	0	142	125	146	0	152	137	0	0	0	0	0	0
700	46	0	64	0	82	0	95	0	0	0	0	0	113	0	121	94	115	0	121	102	125	0	132	120	136	0	141	129	0	0	0	0	0	0
800	52	0	70	0	99	0	113	0	0	0	0	0	125	0	138	116	127	0	136	116	135	0	138	128	145	0	148	140	0	0	0	0	0	0
900	37	0	60	0	89	0	103	0	0	0	0	0	147	0	190	102	149	0	187	122	150	0	168	126	159	0	181	139	0	0	0	0	0	0
1000	25	0	47	0	33	0	48	0	0	0	0	0	134	0	168	113	134	0	161	114	140	0	170	101	151	0	179	115	0	0	0	0	0	0
1100	28	0	28	0	20	0	33	0	0	0	0	0	145	0	248	99	143	3	252	91	147	0	229	105	158	0	261	110	0	0	0	0	0	0
1200	14	0	33	0	91	2	15	0	0	0	0	0	301	0	334	263	293	0	334	238	212	0	249	148	214	0	240	153	0	0	0	0	0	0
1300	17	0	36	0	16	0	29	0	0	0	0	0	315	0	16	277	305	0	346	241	280	0	351	216	281	0	346	200	0	0	0	0	0	0
1400	26	0	46	0	17	0	29	0	0	0	0	0	321	0	342	283	311	0	332	274	242	0	285	211	245	0	284	217	0	0	0	0	0	0
1500	13	0	30	0	32	0	42	0	0	0	0	0	298	0	344	240	290	3	342	244	228	0	250	199	231	0	261	193	0	0	0	0	0	0
1600	18	0	39	0	33	0	51	0	0	0	0	0	323	0	8	282	313	0	347	259	267	0	295	244	270	0	302	244	0	0	0	0	0	0
1700	16	0	16	0	16	2	9	0	0	0	0	0	293	0	359	207	292	3	352	227	243	0	348	190	235	0	300	187	0	0	0	0	0	0
1800	0	4	0	4	24	0	30	0	0	0	0	0	208	0	267	125	203	3	256	101	200	0	255	178	206	0	270	189	0	0	0	0	0	0
1900	9	0	27	0	47	0	53	0	0	0	0	0	198	0	226	160	196	0	231	158	189	0	202	179	193	0	205	184	0	0	0	0	0	0
2000	30	0	49	0	100	0	100	0	0	0	0	0	191	0	232	153	189	0	219	143	185	0	190	182	190	0	198	185	0	0	0	0	0	0
2100	51	0	67	0	140	0	125	0	0	0	0	0	199	0	233	150	196	0	227	133	193	0	204	186	198	0	206	194	0	0	0	0	0	0
2200	69	0	80	0	142	0	136	0	0	0	0	0	209	0	244	162	207	0	241	145	202	0	223	185	207	0	227	194	0	0	0	0	0	0
2300	88	0	93	0	163	0	159	0	0	0	0	0	232	0	279	194	227	0	265	183	209	0	235	180	216	0	232	188	0	0	0	0	0	0
2400	90	0	92	0	160	0	156	0	0	0	0	0	232	0	283	203	230	0	260	191	215	0	237	194	220	0	239	202	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	342	0	342	0	345	0	342	0	320	2	320	2	4	0	0	0	0	2	0	2	327	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
200	334	0	334	0	345	0	340	0	320	2	320	2	11	0	7	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
300	331	0	329	0	343	0	338	0	320	2	320	2	13	0	9	0	0	2	0	2	385	2	0	2	0	2	0	2	0	2	0	2	0	2	99	6
400	327	0	329	0	347	0	342	0	320	2	320	2	20	0	14	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	325	0	325	0	347	0	342	0	320	2	320	2	22	0	16	0	0	2	0	2	322	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	320	0	322	0	340	0	334	0	320	2	320	2	20	0	13	0	0	2	0	2	315	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	315	0	317	0	340	0	336	0	320	2	320	2	23	0	18	0	0	2	0	2	312	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	324	0	322	0	369	0	361	0	320	2	320	2	45	0	40	0	0	2	0	2	324	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	369	0	367	0	390	0	385	0	320	2	320	2	23	0	18	0	0	2	0	2	351	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	437	0	435	0	460	0	459	0	320	2	320	2	22	0	22	0	0	2	0	2	390	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	514	0	509	0	531	0	531	0	320	2	320	2	18	0	23	0	0	2	0	2	439	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1200	484	0	478	0	570	0	577	0	320	2	320	2	86	0	99	0	0	2	0	2	433	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1300	525	0	520	0	577	0	579	0	320	2	320	2	50	0	58	0	0	2	0	2	439	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	540	0	536	0	604	0	601	0	320	2	320	2	65	0	63	0	0	2	0	2	437	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	568	0	561	0	608	0	603	0	320	2	320	2	41	0	40	0	0	2	0	2	441	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	574	0	572	0	603	0	597	0	320	2	320	2	27	0	25	0	0	2	0	2	451	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	608	0	604	0	635	0	635	0	320	2	320	2	45	0	49	0	0	2	0	2	466	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	595	0	595	0	621	0	617	0	320	2	320	2	25	0	22	0	0	2	0	2	466	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	563	0	561	0	604	0	597	0	320	2	320	2	41	0	38	0	0	2	0	2	442	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	559	0	558	0	613	0	608	0	320	2	320	2	54	0	50	0	0	2	0	2	435	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	554	0	554	0	599	0	594	0	320	2	320	2	43	0	40	0	0	2	0	2	430	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	552	0	550	0	586	0	583	0	320	2	320	2	36	0	32	0	0	2	0	2	432	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	572	0	570	0	577	0	572	0	320	2	320	2	5	0	2	0	0	2	0	2	441	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2400	565	0	563	0	570	0	565	0	320	2	320	2	5	0	2	0	0	2	0	2	439	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	96	0	97	0	154	0	154	0	0	0	0	0	228	0	273	187	227	0	263	183	212	0	245	178	217	0	239	194	0	0	0	0	0	0
200	95	0	99	0	149	0	150	0	0	0	0	0	234	0	286	204	230	0	279	188	210	0	247	184	214	0	245	194	0	0	0	0	0	0
300	89	0	97	0	160	0	158	0	0	0	0	0	233	0	283	198	232	0	289	191	214	0	246	191	218	0	237	194	0	0	0	0	0	0
400	117	0	112	0	192	0	185	0	0	0	0	0	236	0	268	193	233	0	266	179	219	0	242	194	224	0	247	205	0	0	0	0	0	0
500	130	0	125	0	198	0	183	0	0	0	0	0	238	0	262	197	236	0	266	192	222	0	237	200	225	0	251	204	0	0	0	0	0	0
600	115	0	113	0	184	0	175	0	0	0	0	0	233	0	268	173	233	0	271	192	219	0	253	199	223	0	246	198	0	0	0	0	0	0
700	147	0	140	0	222	0	205	0	0	0	0	0	240	0	276	192	239	0	263	194	224	0	246	204	229	0	250	214	0	0	0	0	0	0
800	139	0	131	0	212	0	199	0	0	0	0	0	241	0	281	189	237	0	278	191	224	0	242	202	228	0	251	202	0	0	0	0	0	0
900	156	0	144	0	217	0	199	0	0	0	0	0	240	0	273	198	239	0	279	209	222	0	240	193	226	0	242	210	0	0	0	0	0	0
1000	170	0	160	0	262	0	254	0	0	0	0	0	244	0	288	203	244	0	278	207	230	0	241	207	235	0	250	212	0	0	0	0	0	0
1100	170	0	153	0	266	0	246	0	0	0	0	0	247	0	311	204	243	0	271	203	233	0	250	211	236	0	258	212	0	0	0	0	0	0
1200	161	0	141	0	233	0	221	0	0	0	0	0	244	0	284	203	242	0	286	208	231	0	244	214	235	0	256	216	0	0	0	0	0	0
1300	175	0	163	0	241	0	242	0	0	0	0	0	249	0	285	214	244	0	272	204	238	0	251	229	242	0	256	235	0	0	0	0	0	0
1400	150	0	150	0	230	0	246	0	0	0	0	0	251	0	284	182	248	0	289	210	237	0	245	229	241	0	249	238	0	0	0	0	0	0
1500	143	0	142	0	211	0	220	0	0	0	0	0	252	0	290	209	249	0	278	218	239	0	244	234	242	0	248	237	0	0	0	0	0	0
1600	99	0	108	0	166	0	157	0	0	0	0	0	251	0	292	199	249	0	281	206	241	0	247	234	244	0	254	221	0	0	0	0	0	0
1700	95	0	100	0	137	0	131	0	0	0	0	0	252	0	280	226	249	0	283	226	245	0	249	234	248	0	253	234	0	0	0	0	0	0
1800	58	0	64	0	95	0	106	0	0	0	0	0	244	0	295	204	240	0	276	206	234	0	245	220	237	0	246	211	0	0	0	0	0	0
1900	61	0	66	0	104	0	112	0	0	0	0	0	240	0	265	209	235	0	263	209	238	0	245	227	242	0	255	228	0	0	0	0	0	0
2000	87	0	94	0	138	0	169	0	0	0	0	0	250	0	274	226	247	0	284	222	248	0	263	229	251	0	266	239	0	0	0	0	0	0
2100	71	0	76	0	108	0	117	0	0	0	0	0	247	0	276	212	243	0	270	215	244	0	257	230	247	0	261	230	0	0	0	0	0	0
2200	69	0	72	0	111	0	118	0	0	0	0	0	237	0	262	211	234	0	255	201	236	0	252	217	240	0	257	225	0	0	0	0	0	0
2300	80	0	81	0	122	0	124	0	0	0	0	0	246	0	268	210	243	0	263	224	245	0	250	233	248	0	251	234	0	0	0	0	0	0
2400	85	0	86	0	123	0	146	0	0	0	0	0	248	0	277	221	245	0	271	219	249	0	256	234	252	0	257	238	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	556	0	554	0	558	0	554	0	320	2	320	2	4	0	0	0	0	2	0	2	435	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
200	541	0	538	0	543	0	538	0	320	2	320	2	4	0	0	0	0	2	0	2	428	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
300	532	0	531	0	536	0	531	0	320	2	320	2	4	0	0	0	0	2	0	2	424	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
400	520	0	520	0	525	0	520	0	320	2	320	2	4	0	2	0	0	2	0	2	419	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
500	518	0	516	0	520	0	516	0	320	2	320	2	4	0	0	0	0	2	0	2	421	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
600	507	0	507	0	513	0	507	0	320	2	320	2	4	0	0	0	0	2	0	2	412	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	504	0	502	0	509	0	504	0	320	2	320	2	5	0	2	0	0	2	0	2	410	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	502	0	502	0	514	0	509	0	320	2	320	2	13	0	7	0	0	2	0	2	414	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	513	0	511	0	529	0	520	0	320	2	320	2	16	0	9	0	0	2	0	2	428	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	509	0	509	0	534	0	525	0	320	2	320	2	25	0	18	0	0	2	0	2	432	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	520	0	523	0	559	0	547	0	320	2	320	2	32	0	25	0	0	2	0	2	419	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1200	554	0	556	0	586	0	579	0	320	2	320	2	29	0	23	0	0	2	0	2	439	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1300	592	0	592	0	617	0	613	0	320	2	320	2	23	0	20	0	0	2	0	2	457	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1400	601	0	601	0	640	0	637	0	320	2	320	2	40	0	38	0	0	2	0	2	475	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	624	0	624	0	657	0	653	0	320	2	320	2	31	0	29	0	0	2	0	2	477	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	640	0	640	0	671	0	667	0	320	2	320	2	29	0	27	0	0	2	0	2	482	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	651	0	649	0	680	0	676	0	320	2	320	2	29	0	27	0	0	2	0	2	487	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	646	0	644	0	666	0	662	0	320	2	320	2	20	0	18	0	0	2	0	2	486	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	615	0	613	0	644	0	639	0	320	2	320	2	29	0	23	0	0	2	0	2	464	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	608	0	606	0	619	0	642	0	320	2	320	2	40	0	36	0	0	2	0	2	457	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2100	590	0	588	0	610	0	604	0	320	2	320	2	20	0	14	0	0	2	0	2	450	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
2200	579	0	577	0	606	0	597	0	320	2	320	2	27	0	22	0	0	2	0	2	444	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	577	0	576	0	613	0	609	0	320	2	320	2	34	0	31	0	0	2	0	2	444	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	592	0	590	0	613	0	606	0	320	2	320	2	22	0	18	0	0	2	0	2	451	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0

STA[illegible] CODE(S) DEFINITIONS, 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION TEMPERATURE .1 DEGREES, SPEED 1MPH, D[illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	99	0	95	0	136	0	133	0	0	0	0	0	245	0	271	218	242	0	276	199	241	0	247	229	244	0	248	233	0	0	0	0	0	0
200	93	0	93	0	142	0	147	0	0	0	0	0	240	0	275	214	236	0	261	194	237	0	246	219	239	0	250	213	0	0	0	0	0	0
300	79	0	81	0	133	0	136	0	0	0	0	0	244	0	273	201	239	0	263	214	238	0	248	217	242	0	252	226	0	0	0	0	0	0
400	83	0	83	0	117	0	124	0	0	0	0	0	242	0	266	205	239	0	270	199	237	0	249	214	240	0	251	231	0	0	0	0	0	0
500	73	0	75	0	98	0	105	0	0	0	0	0	242	0	266	219	239	0	259	204	239	0	250	227	242	0	251	226	0	0	0	0	0	0
600	84	0	82	0	119	0	121	0	0	0	0	0	240	0	269	218	237	0	272	211	230	0	239	204	234	0	243	221	0	0	0	0	0	0
700	72	0	74	0	102	0	107	0	0	0	0	0	241	0	267	203	237	0	264	207	235	0	246	215	239	0	249	223	0	0	0	0	0	0
800	80	0	84	0	117	0	128	0	0	0	0	0	244	0	276	217	241	0	270	207	236	0	244	222	239	0	247	220	0	0	0	0	0	0
900	73	0	79	0	99	0	113	0	0	0	0	0	245	0	289	206	241	0	283	205	245	0	260	220	249	0	262	232	0	0	0	0	0	0
1000	72	0	76	0	92	0	100	0	0	0	0	0	244	0	283	204	241	0	275	200	238	0	252	215	241	0	257	218	0	0	0	0	0	0
1100	81	0	86	0	93	0	100	0	0	0	0	0	243	0	273	184	242	0	280	215	233	0	248	215	237	0	249	214	0	0	0	0	0	0
1200	71	0	77	0	81	0	88	0	0	0	0	0	245	0	267	220	242	0	270	224	239	0	265	217	243	0	258	220	0	0	0	0	0	0
1300	71	0	76	0	77	0	84	0	0	0	0	0	248	0	285	209	244	0	280	221	238	0	250	220	243	0	264	227	0	0	0	0	0	0
1400	56	0	65	0	73	0	83	0	0	0	0	0	254	0	295	221	248	0	279	218	239	0	253	207	242	0	256	221	0	0	0	0	0	0
1500	49	0	63	0	63	0	82	0	0	0	0	0	261	0	296	209	257	0	315	225	254	0	274	184	257	0	271	224	0	0	0	0	0	0
1600	30	0	47	0	50	0	67	0	0	0	0	0	270	0	308	241	266	0	314	230	281	0	317	240	283	0	301	245	0	0	0	0	0	0
1700	9	0	24	0	30	0	45	0	0	0	0	0	326	3	58	273	311	3	359	236	341	0	2	314	343	0	5	324	0	0	0	0	0	0
1800	24	0	24	0	16	0	32	0	0	0	0	0	62	0	92	42	61	3	91	43	30	3	50	10	35	0	55	15	0	0	0	0	0	0
1900	16	0	38	0	28	0	48	0	0	0	0	0	58	3	72	48	58	0	68	51	37	3	46	30	44	0	54	33	0	0	0	0	0	0
2000	94	0	110	0	161	0	173	0	0	0	0	0	17	0	106	285	11	0	75	286	358	0	31	305	1	0	33	325	0	0	0	0	0	0
2100	140	0	154	0	203	0	212	0	0	0	0	0	24	0	93	329	21	0	63	330	1	0	24	325	4	0	30	325	0	0	0	0	0	0
2200	110	0	124	0	169	0	177	0	0	0	0	0	23	0	73	321	22	0	80	334	359	0	26	326	2	0	29	335	0	0	0	0	0	0
2300	121	0	137	0	167	0	175	0	0	0	0	0	28	0	69	0	24	0	55	336	4	0	25	341	8	0	34	338	0	0	0	0	0	0
2400	141	0	154	0	180	0	191	0	0	0	0	0	35	0	91	11	32	0	60	347	15	0	37	345	20	0	40	355	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	579	0	579	0	604	0	599	0	320	2	320	2	25	0	20	0	0	2	0	2	446	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
200	570	0	568	0	585	0	579	0	320	2	320	2	14	0	9	0	0	2	0	2	441	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	558	0	556	0	568	0	563	0	320	2	320	2	11	0	7	0	0	2	0	2	433	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
400	536	0	534	0	545	0	540	0	320	2	320	2	9	0	5	0	0	2	0	2	424	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
500	525	0	523	0	534	0	529	0	320	2	320	2	9	0	5	0	0	2	0	2	419	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
600	516	0	516	0	527	0	522	0	320	2	320	2	11	0	7	0	0	2	0	2	414	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
700	518	0	518	0	534	0	525	0	320	2	320	2	13	0	7	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
800	518	0	516	0	534	0	531	0	320	2	320	2	16	0	14	0	0	2	0	2	421	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
900	514	0	513	0	550	0	549	0	320	2	320	2	36	0	36	0	0	2	0	2	432	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1000	536	0	536	0	558	0	556	0	320	2	320	2	20	0	18	0	0	2	0	2	446	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1100	545	0	545	0	563	0	561	0	320	2	320	2	18	0	16	0	0	2	0	2	451	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1200	563	0	563	0	576	0	572	0	320	2	320	2	14	0	11	0	0	2	0	2	451	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1300	574	0	574	0	595	0	592	0	320	2	320	2	22	0	16	0	0	2	0	2	455	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1400	603	0	599	0	604	0	603	0	320	2	320	2	2	0	2	0	0	2	0	2	471	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	608	0	606	0	615	0	612	0	320	2	320	2	7	0	5	0	0	2	0	2	468	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	608	0	608	0	626	0	619	0	320	2	320	2	16	0	11	0	0	2	0	2	442	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	622	0	622	0	635	0	624	0	320	2	320	2	11	0	2	0	0	2	0	2	480	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	603	0	603	0	619	0	615	0	320	2	320	2	18	0	11	0	0	2	0	2	468	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	581	0	583	0	603	0	599	0	320	2	320	2	22	0	16	0	0	2	0	2	446	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	477	0	473	0	451	0	444	0	320	2	320	2	-27	0	-29	0	0	2	0	2	417	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	365	0	365	0	358	0	354	0	320	2	320	2	-9	0	-13	0	0	2	0	2	342	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2200	356	0	354	0	351	0	345	0	320	2	320	2	-5	0	-11	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	358	0	358	0	352	0	347	0	320	2	320	2	-5	0	-9	0	0	2	0	2	334	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	369	0	369	0	365	0	361	0	320	2	320	2	-4	0	-7	0	0	2	0	2	340	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	77	0	99	0	110	0	134	0	0	0	0	0	52	0	96	19	52	0	105	26	38	0	71	16	44	0	74	15	0	0	0	0	0	0
200	102	0	127	0	123	0	153	0	0	0	0	0	59	0	95	32	57	0	94	30	42	0	74	17	47	0	74	9	0	0	0	0	0	0
300	124	0	151	0	153	0	184	0	0	0	0	0	55	0	88	31	54	0	91	19	37	0	64	5	44	0	69	21	0	0	0	0	0	0
400	178	0	192	0	210	0	219	0	0	0	0	0	35	0	64	7	33	0	57	1	13	0	33	349	17	0	55	353	0	0	0	0	0	0
500	162	0	178	0	203	0	214	0	0	0	0	0	37	0	67	4	34	0	68	359	15	0	40	353	22	0	54	321	0	0	0	0	0	0
600	149	0	165	0	189	0	200	0	0	0	0	0	35	0	63	3	31	0	61	347	14	0	43	349	20	0	47	336	0	0	0	0	0	0
700	126	0	158	0	152	0	185	0	0	0	0	0	38	0	87	33	38	0	89	32	39	0	68	18	46	0	71	20	0	0	0	0	0	0
800	146	0	178	0	159	0	195	0	0	0	0	0	64	0	101	25	65	0	94	34	44	0	65	24	52	0	67	23	0	0	0	0	0	0
900	127	0	161	0	151	0	187	0	0	0	0	0	64	0	91	34	66	0	99	25	42	0	67	16	51	0	68	25	0	0	0	0	0	0
1000	154	0	171	0	175	0	204	0	0	0	0	0	58	0	92	24	58	0	88	24	41	0	80	21	50	0	85	23	0	0	0	0	0	0
1100	131	0	151	0	157	0	174	0	0	0	0	0	65	0	110	32	66	0	104	33	44	0	73	1	53	0	92	17	0	0	0	0	0	0
1200	124	0	147	0	149	0	179	0	0	0	0	0	65	0	116	23	66	0	94	31	48	0	73	27	57	0	81	35	0	0	0	0	0	0
1300	141	0	168	0	174	0	201	0	0	0	0	0	55	0	104	24	54	0	92	18	37	0	70	18	44	0	77	15	0	0	0	0	0	0
1400	123	0	151	0	148	0	178	0	0	0	0	0	58	0	95	20	57	0	117	24	37	0	73	10	46	0	84	19	0	0	0	0	0	0
1500	120	0	143	0	144	0	167	0	0	0	0	0	48	0	82	19	47	0	91	16	31	0	68	10	37	0	76	10	0	0	0	0	0	0
1600	133	0	160	0	150	0	177	0	0	0	0	0	58	0	99	24	58	0	103	9	39	0	73	8	47	0	77	8	0	0	0	0	0	0
1700	151	0	183	0	187	0	210	0	0	0	0	0	71	0	107	30	73	0	102	55	53	0	73	27	61	0	79	37	0	0	0	0	0	0
1800	129	0	158	0	163	0	191	0	0	0	0	0	73	0	101	43	74	0	110	38	52	0	77	33	60	0	83	39	0	0	0	0	0	0
1900	112	0	139	0	141	0	172	0	0	0	0	0	67	0	91	33	67	0	94	26	49	0	76	22	56	0	88	32	0	0	0	0	0	0
2000	83	0	112	0	115	0	136	0	0	0	0	0	71	0	123	51	71	0	100	45	53	0	85	32	61	0	80	37	0	0	0	0	0	0
2100	114	0	134	0	138	0	151	0	0	0	0	0	77	0	102	43	78	0	114	48	58	0	157	6	66	0	89	43	0	0	0	0	0	0
2200	97	0	118	0	131	0	145	0	0	0	0	0	83	0	136	48	83	0	117	59	60	0	83	42	69	0	89	46	0	0	0	0	0	0
2300	105	0	124	0	130	0	141	0	0	0	0	0	79	0	121	46	80	0	105	47	60	0	87	40	68	0	92	50	0	0	0	0	0	0
2400	100	0	119	0	125	0	143	0	0	0	0	0	77	0	111	44	78	0	118	42	57	0	84	25	65	0	98	40	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	387	0	387	0	390	0	385	0	320	2	320	2	4	0	-2	0	0	2	0	2	347	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	394	0	392	0	388	0	383	0	320	2	320	2	-5	0	-11	0	0	2	0	2	354	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	390	0	388	0	385	0	379	0	320	2	320	2	-5	0	-9	0	0	2	0	2	352	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	347	0	345	0	340	0	334	0	320	2	320	2	-7	0	-11	0	0	2	0	2	333	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	342	0	340	0	334	0	331	0	320	2	320	2	-7	0	-11	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
600	343	0	342	0	338	0	334	0	320	2	320	2	-5	0	-9	0	0	2	0	2	331	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
700	342	0	340	0	333	0	329	0	320	2	320	2	-9	0	-13	0	0	2	0	2	329	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
800	325	0	324	0	322	0	314	0	320	2	320	2	-7	0	-11	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	310	0	308	0	303	0	297	0	320	2	320	2	-7	0	-11	0	0	2	0	2	314	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1000	294	0	296	0	292	0	287	0	320	2	320	2	-7	0	-11	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	285	0	285	0	283	0	278	0	320	2	320	2	-7	0	-9	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1200	267	0	265	0	260	0	254	0	320	2	320	2	-7	0	-11	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	263	0	261	0	258	0	252	0	320	2	320	2	-7	0	-9	0	0	2	0	2	292	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	252	0	252	0	249	0	243	0	320	2	320	2	-5	0	-7	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	265	0	263	0	272	0	267	0	320	2	320	2	7	0	4	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1600	285	0	283	0	294	0	288	0	320	2	320	2	7	0	5	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	279	0	279	0	281	0	276	0	320	2	320	2	0	0	-4	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	265	0	265	0	260	0	254	0	320	2	320	2	-5	0	-9	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	245	0	243	0	240	0	234	0	320	2	320	2	-5	0	-11	0	0	2	0	2	278	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
2000	227	0	227	0	222	0	216	0	320	2	320	2	-5	0	-11	0	0	2	0	2	269	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	204	0	206	0	200	0	193	0	320	2	320	2	-7	0	-11	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	182	0	182	0	175	0	171	0	320	2	320	2	-7	0	-11	0	0	2	0	2	245	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	166	0	166	0	161	0	155	0	320	2	320	2	-5	0	-11	0	0	2	0	2	238	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	159	0	159	0	153	0	148	0	320	2	320	2	-5	0	-11	0	0	2	0	2	234	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

ST[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD2 30 A	S	WIND SPD3 30 B	S	WIND SPD4 150A	S	WIND SPD5 150B	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX		S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX		S
100	98	0	123	0	123	0	145	0	0	0	0	0	74	0	109	31	73	0	109	30	55	0	80	30	62	0	87	32	0	0	0	0
200	79	0	109	0	102	0	130	0	0	0	0	0	65	0	141	30	65	0	120	41	48	0	71	27	56	0	82	31	0	0	0	0
300	69	0	96	0	88	0	113	0	0	0	0	0	62	0	95	38	63	0	87	38	47	0	73	27	55	0	80	24	0	0	0	0
400	55	0	83	0	79	0	104	0	0	0	0	0	60	0	85	23	61	0	89	38	38	0	65	23	47	0	73	21	0	0	0	0
500	59	0	84	0	82	0	110	0	0	0	0	0	62	0	84	34	64	0	87	33	41	0	62	20	50	0	68	32	0	0	0	0
600	57	0	84	0	81	0	108	0	0	0	0	0	60	0	80	30	60	0	95	34	41	0	62	18	49	0	76	16	0	0	0	0
700	44	0	72	0	68	0	92	0	0	0	0	0	67	0	89	47	68	0	89	39	45	0	59	27	53	0	69	41	0	0	0	0
800	54	0	81	0	84	0	102	0	0	0	0	0	71	0	99	38	71	0	101	43	55	0	87	31	62	0	85	33	0	0	0	0
900	104	0	120	0	129	0	135	0	0	0	0	0	87	0	125	59	87	0	122	41	71	0	162	50	78	0	105	51	0	0	0	0
1000	124	0	144	0	150	0	159	0	0	0	0	0	82	0	129	33	86	0	129	54	69	0	130	41	78	0	115	48	0	0	0	0
1100	105	0	122	0	123	0	135	0	0	0	0	0	86	0	128	56	89	0	129	52	70	0	88	47	81	0	110	45	0	0	0	0
1200	92	0	111	0	113	0	126	0	0	0	0	0	87	0	139	47	89	0	163	47	70	0	145	5	77	0	132	27	0	0	0	0
1300	90	0	110	0	98	0	116	0	0	0	0	0	90	0	140	43	89	0	138	41	72	0	144	33	82	0	150	42	0	0	0	0
1400	81	0	100	0	101	0	117	0	0	0	0	0	89	0	133	44	91	0	140	25	71	0	115	36	80	0	134	41	0	0	0	0
1500	89	0	104	0	107	0	120	0	0	0	0	0	87	0	135	42	88	0	150	41	71	0	144	25	78	0	123	25	0	0	0	0
1600	94	0	106	0	109	0	119	0	0	0	0	0	94	0	138	38	95	0	165	50	78	0	165	33	85	0	109	59	0	0	0	0
1700	87	0	107	0	109	0	121	0	0	0	0	0	81	0	108	54	85	0	127	48	73	0	130	41	81	0	117	54	0	0	0	0
1800	69	0	88	0	97	0	109	0	0	0	0	0	84	0	117	46	86	0	126	54	69	0	99	54	77	0	101	62	0	0	0	0
1900	69	0	86	0	102	0	114	0	0	0	0	0	91	0	116	68	92	0	122	70	73	0	90	58	82	0	95	69	0	0	0	0
2000	71	0	89	0	114	0	125	0	0	0	0	0	88	0	108	71	90	0	109	70	70	0	81	58	78	0	91	64	0	0	0	0
2100	64	0	83	0	99	0	108	0	0	0	0	0	85	0	114	63	87	0	106	68	68	0	77	59	77	0	93	65	0	0	0	0
2200	53	0	70	0	85	0	94	0	0	0	0	0	82	0	100	56	83	0	101	47	65	0	76	55	73	0	83	65	0	0	0	0
2300	49	0	66	0	82	0	93	0	0	0	0	0	84	0	101	66	86	0	104	66	73	0	84	58	82	0	94	62	0	0	0	0
2400	55	0	73	0	91	0	103	0	0	0	0	0	93	0	114	69	95	0	115	72	77	0	88	68	86	0	93	77	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	150	0	150	0	144	0	141	0	320	2	320	2	-5	0	-11	0	0	2	0	2	231	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	144	0	144	0	139	0	135	0	320	2	320	2	-5	0	-11	0	0	2	0	2	227	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	137	0	135	0	134	0	128	0	320	2	320	2	-4	0	-9	0	0	2	0	2	222	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	134	0	134	0	130	0	125	0	320	2	320	2	-4	0	-9	0	0	2	0	2	220	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	130	0	130	0	126	0	123	0	320	2	320	2	-2	0	-7	0	0	2	0	2	218	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	125	0	125	0	123	0	117	0	320	2	320	2	-4	0	-7	0	0	2	0	2	216	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	119	0	121	0	119	0	114	0	320	2	320	2	2	0	-7	0	0	2	0	2	213	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	134	0	132	0	144	0	141	0	320	2	320	2	11	0	9	0	0	2	0	2	227	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	162	0	162	0	180	0	175	0	320	2	320	2	14	0	13	0	0	2	0	2	251	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1000	186	0	184	0	200	0	197	0	320	2	320	2	14	0	11	0	0	2	0	2	265	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1100	215	0	213	0	233	0	231	0	320	2	320	2	18	0	18	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	238	0	238	0	260	0	254	0	320	2	320	2	16	0	16	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	260	0	258	0	281	0	272	0	320	2	320	2	18	0	14	0	0	2	0	2	296	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1400	274	0	272	0	292	0	283	0	320	2	320	2	18	0	13	0	0	2	0	2	305	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	287	0	287	0	310	0	299	0	320	2	320	2	18	0	14	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1600	294	0	296	0	322	0	305	0	320	2	320	2	16	0	13	0	0	2	0	2	303	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	294	0	292	0	305	0	301	0	320	2	320	2	11	0	9	0	0	2	0	2	310	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	285	0	283	0	283	0	278	0	320	2	320	2	-2	0	-7	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	270	0	270	0	269	0	263	0	320	2	320	2	-2	0	-7	0	0	2	0	2	288	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
2000	260	0	260	0	260	0	254	0	320	2	320	2	0	0	-5	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	249	0	249	0	249	0	243	0	320	2	320	2	0	0	-5	0	0	2	0	2	279	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	236	0	236	0	236	0	231	0	320	2	320	2	0	0	-5	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	224	0	224	0	225	0	220	0	320	2	320	2	2	0	-4	0	0	2	0	2	267	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	216	0	215	0	218	0	213	0	320	2	320	2	2	0	-4	0	0	2	0	2	263	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	47	0	62	0	79	0	94	0	0	0	0	0	113	0	141	86	115	0	148	86	105	0	124	91	114	0	130	105	0	0	0	0	0	0
200	49	0	67	0	79	0	94	0	0	0	0	0	122	0	145	99	125	0	141	94	108	0	124	96	116	0	127	104	0	0	0	0	0	0
300	51	0	66	0	94	0	104	0	0	0	0	0	104	0	124	80	106	0	126	78	91	0	98	85	99	0	107	89	0	0	0	0	0	0
400	82	0	97	0	131	0	141	0	0	0	0	0	108	0	142	83	110	0	134	81	90	0	102	85	99	0	109	88	0	0	0	0	0	0
500	60	0	78	0	83	0	101	0	0	0	0	0	110	0	132	80	112	0	140	70	97	0	113	80	105	0	124	93	0	0	0	0	0	0
600	35	0	53	0	63	0	76	0	0	0	0	0	84	0	100	69	85	0	101	66	75	0	81	68	84	0	89	78	0	0	0	0	0	0
700	39	0	61	0	68	0	86	0	0	0	0	0	70	0	85	59	72	0	82	61	55	0	65	49	64	0	72	59	0	0	0	0	0	0
800	39	0	63	0	55	0	80	0	0	0	0	0	52	0	94	17	53	0	84	16	36	0	50	26	45	0	59	30	0	0	0	0	0	0
900	33	0	52	0	44	0	59	0	0	0	0	0	87	0	140	52	88	0	133	37	72	0	115	45	80	0	122	43	0	0	0	0	0	0
1000	43	0	59	0	52	0	65	0	0	0	0	0	103	0	167	57	105	0	173	55	90	0	140	52	101	0	137	50	0	0	0	0	0	0
1100	22	0	43	0	27	0	45	0	0	0	0	0	96	0	170	16	97	0	173	8	85	0	142	7	93	0	151	3	0	0	0	0	0	0
1200	52	0	66	0	69	0	82	0	0	0	0	0	351	0	96	280	347	0	100	279	340	0	6	286	343	0	12	305	0	0	0	0	0	0
1300	64	0	76	0	88	0	96	0	0	0	0	0	348	0	38	272	341	0	51	282	340	0	26	286	346	0	42	287	0	0	0	0	0	0
1400	60	0	81	0	87	0	100	0	0	0	0	0	344	0	26	276	341	0	44	292	340	0	34	308	342	0	35	306	0	0	0	0	0	0
1500	72	0	94	0	95	0	114	0	0	0	0	0	338	0	15	301	333	0	5	286	330	0	356	311	333	0	20	303	0	0	0	0	0	0
1600	77	0	101	0	95	0	113	0	0	0	0	0	339	0	25	296	335	0	128	285	330	0	5	298	334	0	4	308	0	0	0	0	0	0
1700	54	0	77	0	81	0	98	0	0	0	0	0	347	0	57	304	341	0	33	299	337	0	2	281	339	0	23	298	0	0	0	0	0	0
1800	49	0	71	0	78	0	95	0	0	0	0	0	354	0	69	295	347	0	78	290	343	0	39	286	346	0	35	312	0	0	0	0	0	0
1900	49	0	69	0	70	0	86	0	0	0	0	0	347	0	36	313	341	0	32	306	336	0	4	311	337	0	0	311	0	0	0	0	0	0
2000	38	0	60	0	59	0	73	0	0	0	0	0	346	0	24	308	342	0	27	301	334	0	7	314	337	0	12	313	0	0	0	0	0	0
2100	32	0	54	0	59	0	77	0	0	0	0	0	339	0	25	289	334	0	25	300	326	0	353	300	327	0	353	306	0	0	0	0	0	0
2200	44	0	62	0	67	0	83	0	0	0	0	0	349	0	24	315	347	0	39	307	335	0	1	314	338	0	9	318	0	0	0	0	0	0
2300	61	0	60	0	65	0	81	0	0	0	0	0	9	0	57	327	4	0	50	325	345	0	10	317	348	0	15	323	0	0	0	0	0	0
2400	31	0	53	0	63	0	78	0	0	0	0	0	12	0	48	325	10	0	54	331	346	0	26	310	347	0	18	312	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	206	0	206	0	209	0	204	0	320	2	320	2	4	0	2	0	0	2	0	2	258	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	200	0	200	0	200	0	195	0	320	2	320	2	0	0	-5	0	0	2	0	2	254	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	188	0	188	0	191	0	186	0	320	2	320	2	2	0	-4	0	0	2	0	2	249	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
400	182	0	182	0	182	0	179	0	320	2	320	2	0	0	-5	0	0	2	0	2	247	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	179	0	179	0	177	0	173	0	320	2	320	2	2	0	-7	0	0	2	0	2	243	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	162	0	164	0	171	0	166	0	320	2	320	2	9	0	2	0	0	2	0	2	234	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	153	0	157	0	166	0	161	0	320	2	320	2	11	0	4	0	0	2	0	2	231	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	166	0	166	0	173	0	170	0	320	2	320	2	7	0	4	0	0	2	0	2	242	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	198	0	197	0	222	0	222	0	320	2	320	2	23	0	23	0	0	2	0	2	274	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	224	0	224	0	243	0	238	0	320	2	320	2	14	0	16	0	0	2	0	2	290	2	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1100	274	0	267	0	288	0	288	0	320	2	320	2	16	0	22	0	0	2	0	2	317	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1200	260	0	258	0	265	0	260	0	320	2	320	2	4	0	0	0	0	2	0	2	306	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1300	256	0	258	0	263	0	252	0	320	2	320	2	2	0	-5	0	0	2	0	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1400	252	0	251	0	254	0	247	0	320	2	320	2	0	0	-4	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1500	260	0	258	0	263	0	260	0	320	2	320	2	5	0	2	0	0	2	0	2	299	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1600	267	0	267	0	278	0	274	0	320	2	320	2	11	0	7	0	0	2	0	2	297	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	274	0	272	0	281	0	274	0	320	2	320	2	7	0	2	0	0	2	0	2	301	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1800	267	0	265	0	274	0	269	0	320	2	320	2	7	0	2	0	0	2	0	2	294	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1900	260	0	260	0	254	0	251	0	320	2	320	2	-5	0	-9	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2000	261	0	261	0	260	0	254	0	320	2	320	2	-4	0	-7	0	0	2	0	2	283	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	261	0	261	0	261	0	256	0	320	2	320	2	2	0	-7	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	267	0	267	0	263	0	260	0	320	2	320	2	-4	0	-7	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	267	0	267	0	265	0	261	0	320	2	320	2	-2	0	-5	0	0	2	0	2	285	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	267	0	267	0	267	0	265	0	320	2	320	2	0	0	-4	0	0	2	0	2	287	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]D RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	W[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	40	0	60	0	75	0	89	0	0	0	0	0	5	0	61	314	0	0	48	308	345	0	20	306	349	0	33	318	0	0	0	0	0	0
200	34	0	73	0	82	0	96	0	0	0	0	0	25	0	63	345	25	0	59	359	3	0	22	346	8	0	33	351	0	0	0	0	0	0
300	35	0	53	0	72	0	85	0	0	0	0	0	8	0	68	318	5	0	70	318	344	0	9	309	348	0	12	320	0	0	0	0	0	0
400	41	0	58	0	74	0	86	0	0	0	0	0	16	0	54	327	11	0	62	311	348	0	24	321	351	0	21	317	0	0	0	0	0	0
500	38	0	56	0	50	0	63	0	0	0	0	0	107	0	119	98	110	0	124	100	72	0	77	59	81	0	88	69	0	0	0	0	0	0
600	37	0	56	0	48	0	61	0	0	0	0	0	101	0	107	92	102	0	111	95	66	0	68	59	75	0	78	69	0	0	0	0	0	0
700	29	0	48	0	34	0	48	0	0	0	0	0	121	0	141	112	124	0	145	115	79	0	90	68	89	0	99	78	0	0	0	0	0	0
800	33	0	57	0	27	0	42	0	0	0	0	0	148	0	169	127	151	0	176	132	112	0	126	100	122	0	132	110	0	0	0	0	0	0
900	20	0	42	0	33	0	49	0	0	0	0	0	129	0	158	109	132	0	159	114	134	0	154	117	145	0	162	122	0	0	0	0	0	0
1000	17	0	17	0	18	0	18	0	0	0	0	0	275	0	357	182	276	3	349	204	182	0	268	93	199	0	268	111	0	0	0	0	0	0
1100	36	0	54	0	46	0	61	0	0	0	0	0	258	0	307	189	256	0	294	196	241	0	265	210	246	0	270	212	0	0	0	0	0	0
1200	51	0	70	0	71	0	86	0	0	0	0	0	301	0	350	260	297	0	342	254	294	0	314	278	296	0	319	277	0	0	0	0	0	0
1300	41	0	55	0	59	0	73	0	0	0	0	0	307	0	359	252	301	0	358	225	307	0	352	263	308	0	344	251	0	0	0	0	0	0
1400	34	0	51	0	46	0	63	0	0	0	0	0	303	0	355	233	296	0	346	228	295	0	313	267	298	0	317	278	0	0	0	0	0	0
1500	49	0	70	0	64	0	86	0	0	0	0	0	300	0	325	251	295	0	329	262	281	0	291	254	284	0	295	265	0	0	0	0	0	0
1600	47	0	65	0	66	0	82	0	0	0	0	0	307	0	342	269	302	0	352	262	300	0	324	275	303	0	337	284	0	0	0	0	0	0
1700	37	0	58	0	53	0	69	0	0	0	0	0	328	0	7	273	325	0	12	275	312	0	333	274	313	0	333	272	0	0	0	0	0	0
1800	29	0	47	0	42	0	57	0	0	0	0	0	4	3	91	282	1	0	59	279	351	0	102	300	352	0	48	295	0	0	0	0	0	0
1900	23	0	45	0	43	0	60	0	0	0	0	0	43	3	90	18	43	0	87	16	18	0	37	3	25	0	45	8	0	0	0	0	0	0
2000	21	0	44	0	36	0	59	0	0	0	0	0	70	3	77	60	70	0	78	58	43	0	49	35	53	0	59	42	0	0	0	0	0	0
2100	9	0	30	0	23	0	37	0	0	0	0	0	108	0	156	66	110	0	136	68	72	3	100	44	81	0	112	63	0	0	0	0	0	0
2200	22	0	22	0	24	0	24	0	0	0	0	0	142	0	169	117	145	0	166	120	91	3	112	78	101	3	122	87	0	0	0	0	0	0
2300	13	0	13	0	20	0	20	0	0	0	0	0	91	0	134	73	93	5	136	74	35	0	55	26	43	3	65	32	0	0	0	0	0	0
2400	15	0	15	0	23	0	23	0	0	0	0	0	143	0	220	107	147	0	219	109	47	0	60	27	56	3	69	36	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	272	0	272	0	272	0	267	0	320	2	320	2	-2	0	-5	0	0	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	276	0	276	0	272	0	269	0	320	2	320	2	-4	0	-7	0	0	2	0	2	290	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
300	278	0	278	0	278	0	274	0	320	2	320	2	0	0	-5	0	0	2	0	2	290	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	281	0	279	0	279	0	278	0	320	2	320	2	0	0	-5	0	0	2	0	2	294	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
500	231	0	231	0	252	0	247	0	320	2	320	2	20	0	14	0	0	2	0	2	272	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	233	0	233	0	254	0	249	0	320	2	320	2	22	0	14	0	0	2	0	2	270	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
700	236	0	236	0	260	0	256	0	320	2	320	2	23	0	18	0	0	2	0	2	274	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	240	0	236	0	283	0	279	0	320	2	320	2	41	0	41	0	0	2	0	2	279	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	270	0	269	0	287	0	281	0	320	2	320	2	14	0	14	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	327	0	322	0	325	0	324	0	320	2	320	2	-2	0	0	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	314	0	314	0	310	0	306	0	320	2	320	2	-5	0	-7	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1200	349	0	347	0	347	0	340	0	320	2	320	2	-5	0	-7	0	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	360	0	361	0	367	0	356	0	320	2	320	2	0	0	-2	0	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	358	0	358	0	356	0	349	0	320	2	320	2	-7	0	-7	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	356	0	352	0	345	0	340	0	320	2	320	2	-9	0	-13	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1600	354	0	354	0	351	0	345	0	320	2	320	2	-5	0	-9	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	349	0	347	0	358	0	352	0	320	2	320	2	7	0	4	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	334	0	334	0	347	0	336	0	320	2	320	2	11	0	2	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	315	0	315	0	312	0	308	0	320	2	320	2	-4	0	-7	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	305	0	306	0	310	0	306	0	320	2	320	2	5	0	2	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	303	0	303	0	306	0	303	0	320	2	320	2	5	0	2	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	297	0	297	0	305	0	301	0	320	2	320	2	9	0	4	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	296	0	296	0	310	0	306	0	320	2	320	2	14	0	11	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	299	0	301	0	310	0	306	0	320	2	320	2	11	0	5	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	13	0	13	0	20	0	20	0	0	0	0	0	324	3	12	287	321	3	5	294	334	0	359	316	337	5	6	317	0	0	0	0	0	0
200	13	0	13	0	20	0	20	0	0	0	0	0	77	3	104	24	78	3	109	20	11	3	33	349	17	3	42	356	0	0	0	0	0	0
300	21	0	41	0	23	0	38	0	0	0	0	0	112	0	120	106	115	0	123	109	70	3	78	59	79	0	87	70	0	0	0	0	0	0
400	21	0	41	0	61	0	75	0	0	0	0	0	100	0	110	90	102	0	111	91	72	0	75	69	81	0	84	78	0	0	0	0	0	0
500	43	0	62	0	86	0	99	0	0	0	0	0	96	0	113	80	99	0	120	87	73	0	78	69	83	0	87	78	0	0	0	0	0	0
600	43	0	63	0	74	0	90	0	0	0	0	0	120	0	132	105	123	0	137	106	99	0	115	87	108	0	121	100	0	0	0	0	0	0
700	44	0	63	0	69	0	85	0	0	0	0	0	115	0	132	92	118	0	149	92	101	0	117	90	111	0	127	99	0	0	0	0	0	0
800	64	0	87	0	88	0	106	0	0	0	0	0	124	0	141	103	129	0	145	108	110	0	121	97	120	0	132	103	0	0	0	0	0	0
900	75	0	91	0	91	0	108	0	0	0	0	0	123	0	144	101	130	0	169	93	115	0	131	95	125	0	145	108	0	0	0	0	0	0
1000	58	0	83	0	87	0	105	0	0	0	0	0	132	0	160	92	139	0	194	104	123	0	158	99	133	0	170	109	0	0	0	0	0	0
1100	56	0	88	0	97	0	115	0	0	0	0	0	138	0	180	100	141	0	190	110	127	0	154	109	138	0	170	119	0	0	0	0	0	0
1200	66	0	97	0	125	0	139	0	0	0	0	0	139	0	179	100	142	0	183	116	134	0	163	112	144	0	174	123	0	0	0	0	0	0
1300	54	0	79	0	114	0	128	0	0	0	0	0	162	0	246	113	164	0	250	96	150	0	189	102	158	0	193	118	0	0	0	0	0	0
1400	62	0	86	0	113	0	127	0	0	0	0	0	155	0	255	115	155	0	246	108	142	0	192	110	152	0	182	118	0	0	0	0	0	0
1500	57	0	84	0	108	0	125	0	0	0	0	0	156	0	219	101	159	0	228	105	150	0	189	111	160	0	210	116	0	0	0	0	0	0
1600	77	0	101	0	134	0	151	0	0	0	0	0	148	0	195	107	149	0	204	100	138	0	164	122	148	0	172	131	0	0	0	0	0	0
1700	69	0	95	0	115	0	133	0	0	0	0	0	144	0	210	106	144	0	184	103	132	0	156	104	142	0	161	110	0	0	0	0	0	0
1800	45	0	76	0	109	0	123	0	0	0	0	0	137	0	167	93	142	0	169	111	130	0	149	111	140	0	158	121	0	0	0	0	0	0
1900	56	0	90	0	117	0	135	0	0	0	0	0	135	0	167	113	137	0	161	116	126	0	142	113	136	0	148	124	0	0	0	0	0	0
2000	53	0	86	0	105	0	125	0	0	0	0	0	132	0	157	106	136	0	159	114	124	0	138	111	135	0	158	110	0	0	0	0	0	0
2100	69	0	97	0	107	0	127	0	0	0	0	0	126	0	148	110	129	0	147	110	114	0	132	99	125	0	143	109	0	0	0	0	0	0
2200	89	0	109	0	122	0	141	0	0	0	0	0	128	0	174	105	131	0	182	112	112	0	136	95	122	0	148	107	0	0	0	0	0	0
2300	112	0	131	0	153	0	164	0	0	0	0	0	118	0	139	93	121	0	142	84	103	0	121	89	113	0	129	99	0	0	0	0	0	0
2400	98	0	125	0	147	0	164	0	0	0	0	0	128	0	156	110	131	0	147	114	117	0	127	101	127	0	144	113	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	299	0	299	0	314	0	310	0	320	2	320	2	14	0	9	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
200	292	0	290	0	310	0	306	0	320	2	320	2	18	0	18	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	290	0	290	0	308	0	303	0	320	2	320	2	18	0	13	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
400	276	0	276	0	299	0	294	0	320	2	320	2	25	0	18	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	285	0	283	0	299	0	296	0	320	2	320	2	14	0	11	0	0	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	279	0	279	0	285	0	279	0	320	2	320	2	4	0	0	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
700	279	0	279	0	278	0	272	0	320	2	320	2	-4	0	-7	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	281	0	281	0	278	0	272	0	320	2	320	2	-5	0	-9	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
900	288	0	290	0	288	0	283	0	320	2	320	2	-4	0	-7	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	310	0	308	0	305	0	301	0	320	2	320	2	-5	0	-9	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	325	0	324	0	317	0	314	0	320	2	320	2	-7	0	-9	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	343	0	342	0	336	0	333	0	320	2	320	2	-7	0	-11	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	374	0	372	0	363	0	358	0	320	2	320	2	-13	0	-14	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1400	378	0	374	0	369	0	361	0	320	2	320	2	-11	0	-13	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	354	0	352	0	340	0	334	0	320	2	320	2	-16	0	-18	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	325	0	324	0	308	0	305	0	320	2	320	2	-18	0	-20	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	320	0	320	0	308	0	305	0	320	2	320	2	-11	0	-14	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	312	0	312	0	306	0	301	0	320	2	320	2	-5	0	-11	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	310	0	308	0	305	0	299	0	320	2	320	2	-5	0	-9	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
2000	308	0	308	0	305	0	301	0	320	2	320	2	-4	0	-7	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	310	0	308	0	308	0	303	0	320	2	320	2	-2	0	-7	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2200	312	0	312	0	306	0	303	0	320	2	320	2	-5	0	-9	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	106	0
2300	315	0	315	0	308	0	303	0	320	2	320	2	-7	0	-13	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	107	0
2400	320	0	320	0	312	0	305	0	320	2	320	2	-9	0	-14	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	109	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]LEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	109	0	138	0	156	0	178	0	0	0	0	0	127	0	151	108	131	0	152	102	119	0	135	108	129	0	142	117	0	0	0	0	0	0
200	111	0	144	0	168	0	189	0	0	0	0	0	128	0	159	115	133	0	155	113	120	0	142	107	130	0	142	118	0	0	0	0	0	0
300	73	0	101	0	139	0	156	0	0	0	0	0	136	0	166	109	141	0	167	106	135	0	150	115	145	0	158	124	0	0	0	0	0	0
400	85	0	120	0	159	0	174	0	0	0	0	0	139	0	165	116	143	0	174	123	132	0	147	124	141	0	153	127	0	0	0	0	0	0
500	53	0	75	0	105	0	124	0	0	0	0	0	137	0	177	78	140	0	170	80	138	0	171	110	147	0	163	106	0	0	0	0	0	0
600	48	0	70	0	77	0	92	0	0	0	0	0	125	0	155	108	129	0	159	109	124	0	136	112	134	0	144	122	0	0	0	0	0	0
700	38	0	60	0	85	0	101	0	0	0	0	0	132	0	162	112	135	0	176	108	134	0	146	124	144	0	154	134	0	0	0	0	0	0
800	45	0	66	0	119	0	136	0	0	0	0	0	163	0	208	119	167	0	217	133	161	0	173	149	169	0	188	155	0	0	0	0	0	0
900	30	0	50	0	92	0	110	0	0	0	0	0	152	0	200	108	153	0	203	104	158	0	170	143	166	0	179	152	0	0	0	0	0	0
1000	64	0	85	0	76	0	90	0	0	0	0	0	82	0	100	65	84	0	105	64	73	0	103	51	82	0	107	56	0	0	0	0	0	0
1100	66	0	85	0	85	0	97	0	0	0	0	0	83	0	108	46	84	0	112	62	66	0	84	45	73	0	91	57	0	0	0	0	0	0
1200	75	0	94	0	101	0	114	0	0	0	0	0	90	0	117	66	92	0	111	65	76	0	94	55	84	0	101	68	0	0	0	0	0	0
1300	76	0	91	0	102	0	116	0	0	0	0	0	102	0	138	72	103	0	134	71	81	0	100	60	89	0	101	71	0	0	0	0	0	0
1400	104	0	125	0	135	0	145	0	0	0	0	0	89	0	126	72	92	0	121	57	77	0	100	61	85	0	99	65	0	0	0	0	0	0
1500	84	0	103	0	116	0	131	0	0	0	0	0	98	0	134	66	97	0	137	72	80	0	106	56	88	0	113	59	0	0	0	0	0	0
1600	86	0	104	0	127	0	140	0	0	0	0	0	99	0	125	69	102	0	131	74	81	0	97	61	88	0	106	75	0	0	0	0	0	0
1700	114	0	127	0	163	0	174	0	0	0	0	0	97	0	130	72	99	0	125	68	79	0	92	58	86	0	101	69	0	0	0	0	0	0
1800	120	0	133	0	159	0	169	0	0	0	0	0	93	0	122	57	95	0	130	62	71	0	117	50	79	0	93	51	0	0	0	0	0	0
1900	134	0	152	0	171	0	173	0	0	0	0	0	88	0	133	58	90	0	122	71	72	0	90	52	80	0	103	62	0	0	0	0	0	0
2000	136	0	152	0	173	0	192	0	0	0	0	0	96	0	131	65	96	0	133	59	73	0	99	53	81	0	104	59	0	0	0	0	0	0
2100	139	0	153	0	177	0	192	0	0	0	0	0	98	0	132	67	100	0	138	65	80	0	98	61	87	0	116	66	0	0	0	0	0	0
2200	141	0	157	0	191	0	200	0	0	0	0	0	102	0	137	71	102	0	130	78	81	0	104	61	89	0	118	53	0	0	0	0	0	0
2300	140	0	152	0	200	0	212	0	0	0	0	0	102	0	133	77	103	0	143	79	82	0	98	66	92	0	117	69	0	0	0	0	0	0
2400	135	0	150	0	182	0	192	0	0	0	0	0	99	0	131	59	101	0	132	74	84	0	109	63	92	0	114	63	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	327	0	325	0	324	0	308	0	320	2	320	2	-4	0	-16	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	112	0
200	329	0	327	0	329	0	325	0	320	2	320	2	0	0	-5	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	114	0
300	336	0	334	0	334	0	329	0	320	2	320	2	-2	0	-7	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
400	336	0	334	0	327	0	324	0	320	2	320	2	-9	0	-13	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
500	342	0	342	0	338	0	333	0	320	2	320	2	-4	0	-9	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
600	343	0	342	0	351	0	345	0	320	2	320	2	7	0	4	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
700	340	0	338	0	354	0	347	0	320	2	320	2	14	0	7	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
800	345	0	345	0	354	0	349	0	320	2	320	2	7	0	4	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
900	360	0	360	0	369	0	365	0	320	2	320	2	9	0	5	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1000	372	0	369	0	369	0	363	0	320	2	320	2	-4	0	-5	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1100	358	0	354	0	352	0	349	0	320	2	320	2	-4	0	-5	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1200	351	0	349	0	343	0	338	0	320	2	320	2	-5	0	-9	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1300	343	0	342	0	333	0	327	0	320	2	320	2	-11	0	-14	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	122	0
1400	333	0	331	0	325	0	320	0	320	2	320	2	-9	0	-13	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1500	327	0	325	0	322	0	314	0	320	2	320	2	-7	0	-11	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	137	0
1600	314	0	314	0	310	0	306	0	320	2	320	2	-4	0	-7	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	139	0
1700	312	0	310	0	306	0	303	0	320	2	320	2	-4	0	-7	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	140	0
1800	312	0	312	0	306	0	301	0	320	2	320	2	-5	0	-11	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1900	308	0	308	0	301	0	297	0	320	2	320	2	-7	0	-13	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	145	0
2000	305	0	305	0	294	0	288	0	320	2	320	2	-11	0	-16	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2100	305	0	303	0	294	0	288	0	320	2	320	2	-11	0	-16	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2200	297	0	297	0	290	0	285	0	320	2	320	2	-7	0	-13	0	0	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2300	296	0	296	0	288	0	283	0	320	2	320	2	-9	0	-13	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	147	0
2400	296	0	296	0	288	0	285	0	320	2	320	2	-7	0	-11	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	146	6

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	115	0	117	0	173	0	185	0	0	0	0	0	102	0	147	69	103	0	134	69	84	0	101	60	93	0	118	65	0	0	0	0	0	0
200	139	0	144	0	184	0	194	0	0	0	0	0	110	0	147	88	111	0	138	90	91	0	116	67	98	0	116	65	0	0	0	0	0	0
300	109	0	105	0	149	0	161	0	0	0	0	0	108	0	143	69	109	0	144	70	91	0	131	67	99	0	118	80	0	0	0	0	0	0
400	92	0	53	0	134	0	142	0	0	0	0	0	105	0	133	76	107	0	134	65	90	0	157	77	96	0	119	76	0	0	0	0	0	0
500	114	0	59	0	150	0	164	0	0	0	0	0	97	0	126	73	100	0	128	71	85	0	160	65	87	0	114	73	0	0	0	0	0	0
600	127	0	77	0	168	0	180	0	0	0	0	0	104	0	142	77	105	0	138	79	86	0	128	61	93	0	120	75	0	0	0	0	0	0
700	127	0	84	0	168	0	177	0	0	0	0	0	106	0	138	72	107	0	147	63	87	0	106	64	95	0	122	72	0	0	0	0	0	0
800	129	0	108	0	178	0	189	0	0	0	0	0	101	0	137	65	103	0	140	68	85	0	109	57	93	0	118	63	0	0	0	0	0	0
900	181	0	192	0	226	0	232	0	0	0	0	0	105	0	160	68	106	0	147	68	87	0	103	71	94	0	114	68	0	0	0	0	0	0
1000	165	0	179	0	204	0	213	0	0	0	0	0	107	0	136	67	109	0	137	73	88	0	113	64	95	0	114	70	0	0	0	0	0	0
1100	162	0	182	0	215	0	227	0	0	0	0	0	104	0	140	62	105	0	151	71	87	0	117	64	94	0	116	69	0	0	0	0	0	0
1200	167	0	177	0	218	0	222	0	0	0	0	0	106	0	137	70	109	0	137	73	89	0	112	63	96	0	122	72	0	0	0	0	0	0
1300	151	0	168	0	198	0	209	0	0	0	0	0	103	0	136	66	103	0	140	70	87	0	123	61	95	0	120	66	0	0	0	0	0	0
1400	153	0	170	0	207	0	219	0	0	0	0	0	101	0	133	68	104	0	136	66	84	0	106	57	92	0	121	71	0	0	0	0	0	0
1500	177	0	192	0	236	0	248	0	0	0	0	0	104	0	136	73	109	0	152	64	89	0	117	67	98	0	123	73	0	0	0	0	0	0
1600	191	0	203	0	249	0	258	0	0	0	0	0	106	0	135	69	108	0	137	66	87	0	117	66	93	0	114	68	0	0	0	0	0	0
1700	200	0	203	0	251	0	254	0	0	0	0	0	111	0	135	69	116	0	136	89	92	0	109	71	101	0	116	80	0	0	0	0	0	0
1800	192	0	202	0	243	0	254	0	0	0	0	0	111	0	140	79	112	0	142	69	89	0	106	65	99	0	120	59	0	0	0	0	0	0
1900	162	0	178	0	227	0	237	0	0	0	0	0	102	0	133	75	103	0	146	63	84	0	107	65	93	0	115	72	0	0	0	0	0	0
2000	144	0	157	0	200	0	211	0	0	0	0	0	104	0	137	59	106	0	137	80	83	0	101	51	92	0	108	72	0	0	0	0	0	0
2100	105	0	120	0	158	0	171	0	0	0	0	0	96	0	126	62	99	0	122	63	82	0	104	65	91	0	108	71	0	0	0	0	0	0
2200	105	0	120	0	158	0	172	0	0	0	0	0	96	0	134	68	95	0	143	70	76	0	102	57	85	0	104	69	0	0	0	0	0	0
2300	98	0	116	0	146	0	160	0	0	0	0	0	92	0	131	66	95	0	130	71	78	0	96	61	85	0	108	68	0	0	0	0	0	0
2400	112	0	126	0	158	0	172	0	0	0	0	0	91	0	126	61	95	0	124	60	77	0	91	58	85	0	107	68	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	290	0	290	0	281	0	276	0	320	2	320	2	-11	0	-16	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
200	288	0	288	0	279	0	272	0	320	2	320	2	-11	0	-16	0	0	2	0	2	301	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
300	285	0	283	0	279	0	274	0	320	2	320	2	-5	0	-11	0	0	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
400	283	0	281	0	279	0	274	0	320	2	320	2	-5	0	-9	0	0	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
500	278	0	276	0	270	0	267	0	320	2	320	2	-7	0	-11	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
600	279	0	279	0	267	0	263	0	320	2	320	2	-11	0	-16	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
700	279	0	279	0	269	0	261	0	320	2	320	2	-13	0	-18	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
800	283	0	281	0	272	0	267	0	320	2	320	2	-11	0	-16	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
900	292	0	292	0	279	0	274	0	320	2	320	2	-13	0	-20	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1000	303	0	303	0	292	0	281	0	320	2	320	2	-13	0	-20	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	147	0
1100	312	0	310	0	297	0	294	0	320	2	320	2	-14	0	-16	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	152	0
1200	327	0	325	0	327	0	325	0	320	2	320	2	2	0	0	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	154	0
1300	338	0	338	0	340	0	338	0	320	2	320	2	2	0	2	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1400	351	0	349	0	352	0	349	0	320	2	320	2	2	0	0	0	0	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1500	367	0	365	0	372	0	367	0	320	2	320	2	5	0	2	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1600	370	0	369	0	372	0	367	0	320	2	320	2	2	0	-2	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1700	370	0	369	0	370	0	365	0	320	2	320	2	0	0	-4	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1800	358	0	356	0	354	0	349	0	320	2	320	2	-4	0	-7	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1900	345	0	345	0	342	0	338	0	320	2	320	2	-4	0	-9	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2000	338	0	336	0	334	0	329	0	320	2	320	2	-4	0	-7	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2100	325	0	324	0	324	0	322	0	320	2	320	2	2	0	-7	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2200	315	0	315	0	314	0	310	0	320	2	320	2	-2	0	-7	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2300	301	0	301	0	301	0	296	0	320	2	320	2	-2	0	-5	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2400	294	0	292	0	292	0	287	0	320	2	320	2	-2	0	-7	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0

STA[illegible] CODE(S) DEFINITIONS 0. = VALID, 1. = QUESTIONABLE, 2 = INVALID, 3. = UNSTEADY DIRECTION, 5. = FLAT DIRECTION

REP[illegible]G RESOLUTION: TEMPERATURE 1 DEGREES, SPEED IMPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]EY

HOUR	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	S	MIN	MAX	S	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	152	0	169	0	206	0	217	0	0	0	0	0	93	0	137	63	96	0	143	64	77	0	96	49	83	0	98	68	0	0	0	0
200	116	0	127	0	167	0	177	0	0	0	0	0	93	0	122	67	95	0	121	54	79	0	108	55	86	0	109	64	0	0	0	0
300	156	0	176	0	207	0	219	0	0	0	0	0	93	0	127	70	95	0	132	74	77	0	94	55	84	0	97	69	0	0	0	0
400	145	0	159	0	199	0	211	0	0	0	0	0	98	0	127	72	98	0	129	71	81	0	102	60	88	0	105	63	0	0	0	0
500	128	0	141	0	178	0	188	0	0	0	0	0	106	0	138	70	107	0	144	76	87	0	103	61	96	0	119	76	0	0	0	0
600	116	0	134	0	166	0	177	0	0	0	0	0	99	0	128	72	103	0	134	76	84	0	101	66	92	0	107	75	0	0	0	0
700	91	0	107	0	141	0	152	0	0	0	0	0	101	0	132	69	106	0	133	68	84	0	99	62	93	0	110	80	0	0	0	0
800	125	0	138	0	166	0	174	0	0	0	0	0	106	0	137	78	109	0	131	79	85	0	100	70	95	0	113	71	0	0	0	0
900	150	0	160	0	189	0	200	0	0	0	0	0	109	0	141	83	109	0	142	34	87	0	109	64	97	0	120	68	0	0	0	0
1000	129	0	145	0	153	0	163	0	0	0	0	0	107	0	135	69	111	0	136	65	91	0	112	64	100	0	119	74	0	0	0	0
1100	137	0	156	0	160	0	178	0	0	0	0	0	116	0	158	91	119	0	150	88	96	0	119	76	108	0	130	92	0	0	0	0
1200	179	0	188	0	209	0	215	0	0	0	0	0	115	0	140	86	119	0	147	92	98	0	118	78	108	0	122	70	0	0	0	0
1300	148	0	161	0	179	0	187	0	0	0	0	0	108	0	136	71	112	0	141	74	86	0	128	53	96	0	136	62	0	0	0	0
1400	150	0	168	0	191	0	203	0	0	0	0	0	103	0	144	65	106	0	138	55	88	0	112	57	97	0	119	71	0	0	0	0
1500	129	0	138	0	161	0	166	0	0	0	0	0	102	0	135	52	103	0	137	37	90	0	144	59	96	0	129	67	0	0	0	0
1600	107	0	127	0	141	0	155	0	0	0	0	0	95	0	136	56	96	0	133	60	82	0	112	55	88	0	115	52	0	0	0	0
1700	117	0	136	0	159	0	169	0	0	0	0	0	99	0	126	57	101	0	128	62	81	0	114	58	90	0	119	70	0	0	0	0
1800	106	0	127	0	150	0	163	0	0	0	0	0	101	0	134	66	103	0	144	63	83	0	101	65	93	0	116	74	0	0	0	0
1900	80	0	94	0	122	0	135	0	0	0	0	0	107	0	138	64	110	0	132	82	90	0	107	77	101	0	120	76	0	0	0	0
2000	74	0	89	0	130	0	137	0	0	0	0	0	101	0	129	76	103	0	122	78	87	0	161	79	96	0	102	87	0	0	0	0
2100	79	0	95	0	120	0	134	0	0	0	0	0	117	0	141	92	120	0	140	97	101	0	113	89	110	0	124	97	0	0	0	0
2200	70	0	88	0	100	0	118	0	0	0	0	0	119	0	142	99	122	0	140	108	106	0	122	90	116	0	127	102	0	0	0	0
2300	81	0	97	0	135	0	146	0	0	0	0	0	101	0	134	76	103	0	136	83	88	0	98	75	97	0	107	73	0	0	0	0
2400	75	0	90	0	123	0	137	0	0	0	0	0	109	0	128	92	112	0	128	88	94	0	105	85	104	0	113	96	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	290	0	288	0	287	0	281	0	320	2	320	2	-4	0	-7	0	0	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
200	279	0	279	0	276	0	272	0	320	2	320	2	-4	0	-7	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
300	272	0	272	0	269	0	265	0	320	2	320	2	-4	0	-7	0	0	2	0	2	292	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
400	267	0	267	0	265	0	260	0	320	2	320	2	-4	0	-7	0	0	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
500	265	0	263	0	261	0	258	0	320	2	320	2	-4	0	-7	0	0	2	0	2	287	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
600	258	0	258	0	256	0	251	0	320	2	320	2	-2	0	-7	0	0	2	0	2	285	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
700	249	0	249	0	251	0	245	0	320	2	320	2	2	0	-2	0	0	2	0	2	279	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
800	269	0	267	0	279	0	276	0	320	2	320	2	11	0	7	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
900	294	0	292	0	305	0	301	0	320	2	320	2	11	0	9	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1000	322	0	322	0	338	0	334	0	320	2	320	2	14	0	13	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1100	343	0	342	0	356	0	354	0	320	2	320	2	11	0	9	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1200	360	0	358	0	369	0	365	0	320	2	320	2	9	0	5	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1300	379	0	379	0	390	0	385	0	320	2	320	2	9	0	5	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1400	396	0	394	0	405	0	397	0	320	2	320	2	9	0	4	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1500	408	0	408	0	426	0	417	0	320	2	320	2	13	0	7	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1600	401	0	399	0	410	0	405	0	320	2	320	2	7	0	4	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1700	383	0	381	0	381	0	378	0	320	2	320	2	2	0	-5	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1800	376	0	376	0	374	0	370	0	320	2	320	2	-4	0	-7	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1900	358	0	358	0	356	0	351	0	320	2	320	2	-2	0	-7	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
2000	334	0	334	0	343	0	338	0	320	2	320	2	7	0	2	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2100	324	0	322	0	327	0	322	0	320	2	320	2	4	0	0	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2200	312	0	312	0	312	0	306	0	320	2	320	2	0	0	-5	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2300	296	0	296	0	301	0	296	0	320	2	320	2	5	0	0	0	0	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2400	287	0	285	0	292	0	287	0	320	2	320	2	5	0	2	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK . METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	57	0	78	0	105	0	118	0	0	0	0	0	101	0	120	77	104	0	127	83	90	0	99	79	100	0	108	91	0	0	0	0	0	0
200	74	0	91	0	137	0	148	0	0	0	0	0	103	0	127	83	104	0	130	80	87	0	99	75	97	0	104	87	0	0	0	0	0	0
300	86	0	101	0	120	0	135	0	0	0	0	0	120	0	136	88	122	0	142	95	102	0	117	85	112	0	127	97	0	0	0	0	0	0
400	120	0	131	0	164	0	178	0	0	0	0	0	112	0	132	92	112	0	143	77	94	0	110	85	105	0	114	92	0	0	0	0	0	0
500	134	0	151	0	182	0	196	0	0	0	0	0	111	0	134	84	113	0	136	89	92	0	105	81	103	0	115	86	0	0	0	0	0	0
600	131	0	146	0	167	0	182	0	0	0	0	0	113	0	131	84	117	0	142	88	98	0	116	84	108	0	121	87	0	0	0	0	0	0
700	118	0	131	0	155	0	166	0	0	0	0	0	115	0	134	96	119	0	142	104	103	0	138	89	113	0	129	102	0	0	0	0	0	0
800	132	0	147	0	162	0	176	0	0	0	0	0	117	0	141	83	119	0	146	88	101	0	118	85	111	0	131	91	0	0	0	0	0	0
900	125	0	152	0	152	0	172	0	0	0	0	0	118	0	147	87	124	0	144	99	107	0	132	82	116	0	143	86	0	0	0	0	0	0
1000	187	0	187	0	221	0	217	0	0	0	0	0	121	0	145	97	126	0	154	100	106	0	131	83	115	0	143	91	0	0	0	0	0	0
1100	138	0	143	0	155	0	157	0	0	0	0	0	113	0	139	77	118	0	143	78	96	0	147	74	102	0	126	76	0	0	0	0	0	0
1200	136	0	141	0	161	0	163	0	0	0	0	0	112	0	139	70	115	0	144	74	92	0	129	53	101	0	129	66	0	0	0	0	0	0
1300	153	0	159	0	177	0	183	0	0	0	0	0	108	0	136	68	113	0	149	70	89	0	129	51	97	0	119	63	0	0	0	0	0	0
1400	142	0	158	0	189	0	194	0	0	0	0	0	107	0	139	60	110	0	147	68	90	0	124	59	100	0	131	69	0	0	0	0	0	0
1500	137	0	145	0	170	0	179	0	0	0	0	0	106	0	138	58	108	0	136	56	93	0	159	63	100	0	130	63	0	0	0	0	0	0
1600	169	0	173	0	208	0	211	0	0	0	0	0	109	0	138	70	111	0	143	74	92	0	135	68	100	0	127	59	0	0	0	0	0	0
1700	178	0	184	0	225	0	225	0	0	0	0	0	109	0	132	74	112	0	140	75	92	0	142	77	101	0	134	80	0	0	0	0	0	0
1800	134	0	146	0	171	0	182	0	0	0	0	0	104	0	133	74	105	0	135	71	83	0	104	52	93	0	110	69	0	0	0	0	0	0
1900	144	0	154	0	186	0	195	0	0	0	0	0	111	0	128	81	113	0	137	81	93	0	116	73	102	0	129	70	0	0	0	0	0	0
2000	107	0	121	0	150	0	167	0	0	0	0	0	110	0	143	85	112	0	140	88	94	0	108	79	104	0	121	93	0	0	0	0	0	0
2100	94	0	114	0	144	0	158	0	0	0	0	0	110	0	141	93	114	0	135	91	98	0	108	91	109	0	120	99	0	0	0	0	0	0
2200	118	0	134	0	164	0	176	0	0	0	0	0	112	0	137	88	116	0	137	92	96	0	116	78	106	0	129	86	0	0	0	0	0	0
2300	152	0	171	0	203	0	215	0	0	0	0	0	118	0	155	91	121	0	144	96	96	0	112	77	107	0	124	87	0	0	0	0	0	0
2400	149	0	160	0	193	0	206	0	0	0	0	0	113	0	138	89	113	0	135	75	94	0	110	76	104	0	118	90	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	278	0	278	0	285	0	279	0	320	2	320	2	9	0	4	0	0	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
200	272	0	272	0	279	0	276	0	320	2	320	2	7	0	2	0	0	2	0	2	292	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
300	274	0	274	0	276	0	269	0	320	2	320	2	2	0	-4	0	0	2	0	2	290	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
400	269	0	269	0	269	0	265	0	320	2	320	2	0	0	-5	0	0	2	0	2	290	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
500	263	0	261	0	261	0	256	0	320	2	320	2	-2	0	-7	0	0	2	0	2	287	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
600	260	0	258	0	258	0	252	0	320	2	320	2	-2	0	-7	0	0	2	0	2	285	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
700	258	0	258	0	261	0	254	0	320	2	320	2	2	0	-4	0	0	2	0	2	279	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
800	272	0	272	0	281	0	278	0	320	2	320	2	7	0	5	0	0	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
900	305	0	303	0	315	0	312	0	320	2	320	2	11	0	9	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1000	340	0	340	0	354	0	345	0	320	2	320	2	9	0	5	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1100	367	0	369	0	385	0	378	0	320	2	320	2	13	0	11	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1200	394	0	394	0	408	0	403	0	320	2	320	2	11	0	9	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1300	412	0	410	0	423	0	415	0	320	2	320	2	7	0	5	0	0	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1400	430	0	430	0	442	0	433	0	320	2	320	2	9	0	5	0	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1500	441	0	439	0	453	0	442	0	320	2	320	2	7	0	4	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1600	446	0	444	0	460	0	451	0	320	2	320	2	9	0	5	0	0	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1700	439	0	437	0	451	0	442	0	320	2	320	2	9	0	5	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	159	0
1800	426	0	424	0	432	0	426	0	320	2	320	2	5	0	2	0	0	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1900	401	0	399	0	399	0	394	0	320	2	320	2	2	0	-5	0	0	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2000	383	0	383	0	385	0	379	0	320	2	320	2	0	0	-5	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2100	370	0	369	0	374	0	369	0	320	2	320	2	4	0	2	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2200	363	0	363	0	363	0	358	0	320	2	320	2	0	0	-5	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2300	360	0	360	0	358	0	352	0	320	2	320	2	-4	0	-7	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2400	349	0	347	0	347	0	342	0	320	2	320	2	2	0	-5	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REF[illegible]G RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 180A	S	WIND SPD4 180B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	W[illegible]	S	[illegible]	S	MIN	MAX	WIND DIR3 180A	S	MIN	MAX	WIND DIR4 180B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	182	0	193	0	222	0	237	0	0	0	0	0	114	0	132	77	117	0	143	82	94	0	111	79	104	0	129	86	0	0	0	0	0	0
200	191	0	202	0	252	0	259	0	0	0	0	0	112	0	138	86	116	0	145	84	95	0	106	76	105	0	118	91	0	0	0	0	0	0
300	184	0	198	0	243	0	255	0	0	0	0	0	114	0	140	81	118	0	147	85	95	0	111	81	105	0	122	90	0	0	0	0	0	0
400	178	0	192	0	225	0	238	0	0	0	0	0	114	0	140	80	119	0	146	90	97	0	118	82	107	0	127	91	0	0	0	0	0	0
500	178	0	194	0	226	0	242	0	0	0	0	0	120	0	148	104	124	0	143	93	105	0	120	94	115	0	137	95	0	0	0	0	0	0
600	167	0	189	0	209	0	239	0	0	0	0	0	122	0	143	97	127	0	152	108	111	0	133	96	121	0	133	105	0	0	0	0	0	0
700	182	0	193	0	223	0	235	0	0	0	0	0	116	0	138	93	118	0	139	95	97	0	117	81	109	0	125	96	0	0	0	0	0	0
800	202	0	209	0	238	0	254	0	0	0	0	0	115	0	142	93	118	0	135	89	98	0	112	81	108	0	128	95	0	0	0	0	0	0
900	207	0	220	0	250	0	267	0	0	0	0	0	115	0	140	88	118	0	152	89	99	0	113	85	109	0	127	96	0	0	0	0	0	0
1000	219	0	232	0	259	0	274	0	0	0	0	0	119	0	144	98	123	0	145	95	103	0	125	87	114	0	130	95	0	0	0	0	0	0
1100	214	0	231	0	259	0	275	0	0	0	0	0	119	0	146	88	123	0	144	96	102	0	118	91	113	0	127	97	0	0	0	0	0	0
1200	241	0	239	0	274	0	275	0	0	0	0	0	119	0	137	97	124	0	148	86	103	0	143	87	113	0	141	98	0	0	0	0	0	0
1300	213	0	241	0	261	0	287	0	0	0	0	0	122	0	144	103	128	0	148	112	107	0	124	87	118	0	138	98	0	0	0	0	0	0
1400	177	0	194	0	210	0	231	0	0	0	0	0	119	0	138	94	123	0	144	102	104	0	125	92	116	0	132	104	0	0	0	0	0	0
1500	199	0	205	0	232	0	241	0	0	0	0	0	118	0	138	96	122	0	149	102	98	0	146	74	109	0	120	94	0	0	0	0	0	0
1600	150	0	159	0	191	0	197	0	0	0	0	0	110	0	138	71	113	0	140	80	92	0	131	75	101	0	130	78	0	0	0	0	0	0
1700	190	0	199	0	250	0	261	0	0	0	0	0	109	0	136	80	111	0	142	79	90	0	104	74	101	0	118	84	0	0	0	0	0	0
1800	175	0	192	0	211	0	228	0	0	0	0	0	115	0	137	93	119	0	148	94	100	0	117	77	109	0	125	84	0	0	0	0	0	0
1900	118	0	140	0	162	0	182	0	0	0	0	0	122	0	147	105	127	0	143	107	110	0	125	95	120	0	132	104	0	0	0	0	0	0
2000	141	0	160	0	189	0	209	0	0	0	0	0	117	0	147	95	120	0	145	92	104	0	125	90	113	0	134	97	0	0	0	0	0	0
2100	166	0	177	0	211	0	222	0	0	0	0	0	114	0	137	93	117	0	136	100	97	0	111	85	106	0	120	82	0	0	0	0	0	0
2200	180	0	189	0	225	0	237	0	0	0	0	0	113	0	131	93	116	0	136	88	97	0	108	82	106	0	116	97	0	0	0	0	0	0
2300	165	0	183	0	215	0	229	0	0	0	0	0	117	0	136	91	122	0	143	91	103	0	116	90	113	0	127	101	0	0	0	0	0	0
2400	172	0	188	0	216	0	233	0	0	0	0	0	116	0	154	91	120	0	142	90	101	0	112	84	111	0	122	92	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	347	0	345	0	345	0	338	0	320	2	320	2	-4	0	-7	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
200	343	0	342	0	340	0	334	0	320	2	320	2	-4	0	-7	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
300	331	0	331	0	327	0	324	0	320	2	320	2	-4	0	-9	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
400	325	0	325	0	322	0	315	0	320	2	320	2	-4	0	-9	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
500	325	0	325	0	324	0	317	0	320	2	320	2	-4	0	-7	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
600	327	0	327	0	324	0	320	0	320	2	320	2	-4	0	-7	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
700	325	0	325	0	322	0	315	0	320	2	320	2	-5	0	-9	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
800	329	0	327	0	325	0	322	0	320	2	320	2	-4	0	-9	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
900	349	0	349	0	347	0	342	0	320	2	320	2	-4	0	-7	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1000	378	0	376	0	378	0	370	0	320	2	320	2	-4	0	-7	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1100	397	0	397	0	396	0	390	0	320	2	320	2	-4	0	-7	0	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1200	421	0	423	0	423	0	414	0	320	2	320	2	-4	0	-7	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	159	6
1300	444	0	442	0	441	0	435	0	320	2	320	2	-4	0	-9	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1400	460	0	460	0	459	0	451	0	320	2	320	2	-4	0	-9	0	0	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1500	480	0	482	0	480	0	473	0	320	2	320	2	-4	0	-7	0	0	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1600	496	0	496	0	496	0	489	0	320	2	320	2	-4	0	-7	0	0	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1700	487	0	486	0	482	0	477	0	320	2	320	2	-5	0	-9	0	0	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1800	473	0	473	0	468	0	464	0	320	2	320	2	-7	0	-11	0	0	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	160	0
1900	435	0	433	0	399	0	396	0	320	2	320	2	-36	0	-40	0	0	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	161	0
2000	408	0	408	0	369	0	363	0	320	2	320	2	-41	0	-47	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2100	399	0	399	0	374	0	370	0	320	2	320	2	-25	0	-29	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	164	0
2200	385	0	385	0	381	0	376	0	320	2	320	2	-4	0	-9	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	166	0
2300	381	0	381	0	361	0	361	0	320	2	320	2	-22	0	-22	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	165	6
2400	361	0	360	0	336	0	331	0	320	2	320	2	-23	0	-29	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	168	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH 19, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	179	0	191	0	234	0	245	0	0	0	0	0	117	0	133	91	121	0	137	96	100	0	114	89	109	0	125	91	0	0	0	0	0	0
200	133	0	150	0	170	0	187	0	0	0	0	0	117	0	140	90	120	0	136	89	101	0	114	88	110	0	126	97	0	0	0	0	0	0
300	134	0	147	0	174	0	191	0	0	0	0	0	115	0	141	87	119	0	142	83	100	0	123	85	110	0	130	93	0	0	0	0	0	0
400	119	0	136	0	160	0	171	0	0	0	0	0	112	0	134	83	114	0	136	88	93	0	106	82	103	0	113	91	0	0	0	0	0	0
500	106	0	122	0	145	0	161	0	0	0	0	0	110	0	127	86	113	0	135	90	93	0	106	83	103	0	116	89	0	0	0	0	0	0
600	88	0	105	0	126	0	139	0	0	0	0	0	105	0	128	72	109	0	132	86	88	0	107	67	98	0	111	77	0	0	0	0	0	0
700	69	0	88	0	108	0	123	0	0	0	0	0	104	0	133	80	107	0	128	73	87	0	101	73	97	0	114	80	0	0	0	0	0	0
800	91	0	103	0	120	0	132	0	0	0	0	0	108	0	135	77	112	0	141	88	88	0	141	73	98	0	119	75	0	0	0	0	0	0
900	77	0	94	0	99	0	112	0	0	0	0	0	98	0	131	70	99	0	155	57	85	0	167	61	93	0	125	68	0	0	0	0	0	0
1000	138	0	150	0	168	0	179	0	0	0	0	0	108	0	134	74	112	0	142	43	90	0	136	72	101	0	121	84	0	0	0	0	0	0
1100	117	0	131	0	133	0	144	0	0	0	0	0	113	0	145	69	117	0	142	43	98	0	127	48	108	0	136	70	0	0	0	0	0	0
1200	46	0	72	0	63	0	81	0	0	0	0	0	116	0	178	43	120	0	170	40	103	0	142	32	110	0	159	35	0	0	0	0	0	0
1300	44	0	69	0	71	0	85	0	0	0	0	0	78	0	159	0	83	0	153	4	62	0	160	1	67	0	120	3	0	0	0	0	0	0
1400	101	0	123	0	123	0	138	0	0	0	0	0	89	0	137	45	91	0	146	52	69	0	129	7	78	0	114	44	0	0	0	0	0	0
1500	85	0	108	0	109	0	123	0	0	0	0	0	92	0	156	54	94	0	136	49	75	0	96	44	83	0	107	36	0	0	0	0	0	0
1600	23	0	41	0	40	0	54	0	0	0	0	0	17	3	173	281	23	0	176	281	52	0	162	3	54	0	156	1	0	0	0	0	0	0
1700	40	0	58	0	56	0	67	0	0	0	0	0	8	0	64	311	5	0	75	291	356	0	26	317	2	0	42	320	0	0	0	0	0	0
1800	17	0	40	0	59	0	74	0	0	0	0	0	35	3	64	347	34	0	70	328	359	0	18	343	5	0	23	341	0	0	0	0	0	0
1900	39	0	62	0	30	0	53	0	0	0	0	0	46	0	62	33	49	0	76	38	49	3	71	35	59	0	81	46	0	0	0	0	0	0
2000	38	0	73	0	89	0	114	0	0	0	0	0	56	0	68	41	59	0	72	43	49	0	62	38	59	0	75	52	0	0	0	0	0	0
2100	77	0	95	0	136	0	146	0	0	0	0	0	84	0	105	70	88	0	104	69	62	0	66	58	72	0	77	64	0	0	0	0	0	0
2200	85	0	104	0	141	0	153	0	0	0	0	0	89	0	115	72	93	0	108	81	71	0	74	64	80	0	86	76	0	0	0	0	0	0
2300	87	0	103	0	144	0	157	0	0	0	0	0	98	0	120	77	101	0	124	84	78	0	161	69	87	0	97	77	0	0	0	0	0	0
2400	92	0	108	0	149	0	160	0	0	0	0	0	104	0	126	79	107	0	127	81	81	0	92	71	91	0	100	84	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	358	0	358	0	336	0	327	0	320	2	320	2	-22	0	-31	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
200	370	0	370	0	367	0	363	0	320	2	320	2	-5	0	-7	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	172	0
300	376	0	376	0	374	0	369	0	320	2	320	2	-4	0	-7	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	171	6
400	372	0	370	0	372	0	367	0	320	2	320	2	0	0	-5	0	0	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
500	374	0	372	0	372	0	367	0	320	2	320	2	-2	0	-7	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
600	363	0	363	0	360	0	354	0	320	2	320	2	-4	0	-9	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
700	354	0	352	0	354	0	351	0	320	2	320	2	0	0	-4	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
800	351	0	349	0	360	0	354	0	320	2	320	2	7	0	4	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
900	379	0	381	0	399	0	392	0	320	2	320	2	16	0	14	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1000	423	0	423	0	435	0	432	0	320	2	320	2	11	0	9	0	0	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	172	0
1100	464	0	464	0	480	0	477	0	320	2	320	2	13	0	13	0	0	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	170	6
1200	507	0	504	0	516	0	516	0	320	2	320	2	9	0	13	0	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	170	0
1300	538	0	534	0	549	0	541	0	320	2	320	2	5	0	7	0	0	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	169	6
1400	549	0	547	0	563	0	552	0	320	2	320	2	9	0	4	0	0	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	169	0
1500	554	0	550	0	567	0	559	0	320	2	320	2	13	0	9	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	169	0
1600	540	0	540	0	574	0	554	0	320	2	320	2	23	0	18	0	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	169	0
1700	529	0	532	0	579	0	556	0	320	2	320	2	36	0	27	0	0	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	169	0
1800	487	0	484	0	559	0	540	0	320	2	320	2	72	0	56	0	0	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	169	0
1900	439	0	441	0	525	0	520	0	320	2	320	2	86	0	79	0	0	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	170	0
2000	468	0	471	0	520	0	516	0	320	2	320	2	54	0	45	0	0	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	170	0
2100	464	0	464	0	478	0	473	0	320	2	320	2	14	0	9	0	0	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2200	437	0	435	0	450	0	444	0	320	2	320	2	11	0	7	0	0	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2300	417	0	415	0	428	0	421	0	320	2	320	2	11	0	5	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2400	388	0	388	0	399	0	394	0	320	2	320	2	9	0	5	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0

ST[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	89	0	106	0	141	0	154	0	0	0	0	0	110	0	124	93	114	0	133	100	91	0	96	88	103	0	108	100	0	0	0	0	0	0
200	66	0	84	0	128	0	141	0	0	0	0	0	103	0	119	86	108	0	128	87	88	0	91	83	99	0	104	94	0	0	0	0	0	0
300	83	0	101	0	143	0	156	0	0	0	0	0	107	0	123	89	111	0	127	93	89	0	92	87	101	0	104	99	0	0	0	0	0	0
400	74	0	93	0	126	0	141	0	0	0	0	0	117	0	133	106	122	0	135	105	99	0	102	96	110	0	114	108	0	0	0	0	0	0
500	34	0	58	0	77	0	97	0	0	0	0	0	139	0	155	131	143	0	153	134	114	0	123	110	126	0	135	118	0	0	0	0	0	0
600	72	0	92	0	118	0	132	0	0	0	0	0	112	0	118	102	116	0	125	108	99	0	103	96	112	0	114	108	0	0	0	0	0	0
700	56	0	77	0	94	0	108	0	0	0	0	0	96	0	112	82	98	0	114	85	88	0	91	87	100	0	104	98	0	0	0	0	0	0
800	18	0	36	0	67	0	81	0	0	0	0	0	98	0	142	52	101	0	133	69	86	0	100	57	99	0	115	81	0	0	0	0	0	0
900	40	0	59	0	45	0	61	0	0	0	0	0	108	0	145	69	112	0	145	62	80	0	124	51	90	0	118	61	0	0	0	0	0	0
1000	41	0	67	0	54	0	73	0	0	0	0	0	90	0	131	54	94	0	156	57	85	0	169	49	91	0	135	57	0	0	0	0	0	0
1100	26	0	26	0	35	0	55	0	0	0	0	0	283	0	356	188	275	3	358	181	84	0	165	0	95	0	150	8	0	0	0	0	0	0
1200	36	0	57	0	52	0	62	0	0	0	0	0	4	0	73	275	4	0	62	311	350	0	43	284	357	0	41	304	0	0	0	0	0	0
1300	43	0	66	0	75	0	93	0	0	0	0	0	342	0	24	296	339	0	26	294	339	0	8	307	344	0	11	299	0	0	0	0	0	0
1400	42	0	63	0	70	0	86	0	0	0	0	0	4	0	72	286	6	0	66	273	354	0	50	302	356	0	59	300	0	0	0	0	0	0
1500	54	0	72	0	106	0	110	0	0	0	0	0	358	0	53	318	355	0	58	302	353	0	32	314	358	0	41	323	0	0	0	0	0	0
1600	49	0	68	0	98	0	112	0	0	0	0	0	4	0	84	274	1	0	108	294	348	0	43	286	350	0	47	298	0	0	0	0	0	0
1700	115	0	134	0	159	0	171	0	0	0	0	0	22	0	57	340	22	0	84	342	357	0	17	337	2	0	29	329	0	0	0	0	0	0
1800	109	0	132	0	151	0	166	0	0	0	0	0	30	0	75	349	30	0	54	351	8	0	32	345	14	0	52	353	0	0	0	0	0	0
1900	100	0	117	0	157	0	170	0	0	0	0	0	33	0	62	359	34	0	76	351	10	0	26	350	16	0	36	354	0	0	0	0	0	0
2000	86	0	108	0	149	0	159	0	0	0	0	0	36	0	75	12	35	0	76	356	13	0	34	340	20	0	42	347	0	0	0	0	0	0
2100	92	0	116	0	134	0	152	0	0	0	0	0	44	0	76	17	46	0	75	13	23	0	45	357	31	0	54	7	0	0	0	0	0	0
2200	81	0	106	0	126	0	149	0	0	0	0	0	47	0	84	22	51	0	95	23	24	0	43	4	33	0	52	14	0	0	0	0	0	0
2300	28	0	52	0	54	0	80	0	0	0	0	0	70	3	82	57	75	0	119	64	39	0	48	16	51	0	59	44	0	0	0	0	0	0
2400	24	0	46	0	50	0	78	0	0	0	0	0	86	3	103	69	89	0	109	73	45	0	52	36	56	0	67	48	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	HISC 1	S	HISC 2	S	HISC 3	S	HISC 4	S	HISC 5	S	HISC 6	S	HISC 7	S	RAIN	S
100	374	0	376	0	394	0	388	0	320	2	320	2	18	0	14	0	0	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
200	365	0	363	0	385	0	379	0	320	2	320	2	22	0	16	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
300	342	0	342	0	370	0	365	0	320	2	320	2	27	0	22	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
400	329	0	329	0	356	0	351	0	320	2	320	2	25	0	22	0	0	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
500	333	0	334	0	370	0	365	0	320	2	320	2	38	0	29	0	0	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
600	338	0	338	0	372	0	367	0	320	2	320	2	34	0	29	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
700	322	0	322	0	361	0	356	0	320	2	320	2	40	0	34	0	0	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
800	342	0	338	0	376	0	374	0	320	2	320	2	34	0	36	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
900	383	0	381	0	410	0	410	0	320	2	320	2	25	0	27	0	0	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1000	435	0	433	0	459	0	457	0	320	2	320	2	22	0	23	0	0	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1100	464	0	462	0	491	0	489	0	320	2	320	2	23	0	29	0	0	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1200	433	0	433	0	473	0	462	0	320	2	320	2	31	0	31	0	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1300	401	0	399	0	423	0	417	0	320	2	320	2	22	0	18	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	171	6
1400	432	0	426	0	446	0	433	0	320	2	320	2	14	0	7	0	0	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1500	419	0	423	0	450	0	433	0	320	2	320	2	23	0	14	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	171	6
1600	415	0	412	0	435	0	426	0	320	2	320	2	20	0	13	0	0	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1700	399	0	399	0	430	0	417	0	320	2	320	2	31	0	20	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
1800	396	0	392	0	414	0	405	0	320	2	320	2	18	0	11	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	170	0
1900	381	0	379	0	383	0	378	0	320	2	320	2	2	0	-2	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2000	387	0	385	0	390	0	385	0	320	2	320	2	-4	0	0	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2100	396	0	396	0	397	0	394	0	320	2	320	2	2	0	-4	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2200	397	0	397	0	397	0	394	0	320	2	320	2	0	0	-4	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2300	370	0	379	0	392	0	383	0	320	2	320	2	14	0	7	0	0	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
2400	360	0	361	0	378	0	374	0	320	2	320	2	20	0	13	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK .. METEOROLOGICAL DATA FOR MARCH 21, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	23	0	44	0	52	0	69	0	0	0	0	0	113	0	120	106	117	0	124	112	79	0	160	15	83	0	94	72	0	0	0	0	0	0
200	15	0	38	0	51	0	68	0	0	0	0	0	132	5	142	125	135	0	146	129	93	0	100	88	103	0	110	98	0	0	0	0	0	0
300	27	0	50	0	64	0	82	0	0	0	0	0	141	0	155	132	144	0	160	136	97	0	106	86	108	0	115	104	0	0	0	0	0	0
400	47	0	67	0	103	0	118	0	0	0	0	0	122	0	132	115	125	0	131	119	102	0	112	97	113	0	123	110	0	0	0	0	0	0
500	89	0	108	0	146	0	165	0	0	0	0	0	118	0	128	112	122	0	133	113	112	0	118	106	122	0	128	116	0	0	0	0	0	0
600	81	0	115	0	179	0	194	0	0	0	0	0	132	0	155	113	138	0	157	121	128	0	140	121	140	0	149	133	0	0	0	0	0	0
700	64	0	90	0	168	0	188	0	0	0	0	0	145	0	181	120	149	0	190	125	143	0	146	140	153	0	156	145	0	0	0	0	0	0
800	59	0	83	0	99	0	116	0	0	0	0	0	124	0	143	104	129	0	148	105	124	0	138	110	136	0	151	121	0	0	0	0	0	0
900	52	0	79	0	71	0	92	0	0	0	0	0	87	0	158	0	90	0	164	0	82	0	136	0	89	0	149	0	0	0	0	0	0	0
1000	81	2	115	2	179	2	194	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1100	64	2	90	2	168	2	188	2	0	0	0	0	45	2	158	0	0	2	0	0	38	2	135	0	0	2	0	0	0	0	0	0	0	0
1200	59	2	83	2	99	2	116	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1300	52	2	79	2	71	2	92	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1400	81	2	115	2	179	2	194	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1500	41	0	63	0	42	0	60	0	0	0	0	0	28	0	99	327	28	0	98	328	22	0	123	276	52	2	171	0	0	0	0	0	0	0
1600	44	0	64	0	81	0	96	0	0	0	0	0	14	0	69	286	15	0	61	311	355	0	55	301	158	2	175	7	0	0	0	0	0	0
1700	55	0	75	0	80	0	100	0	0	0	0	0	24	0	69	327	27	0	85	320	356	0	31	313	163	2	175	154	0	0	0	0	0	0
1800	46	0	68	0	73	0	87	0	0	0	0	0	35	0	71	8	34	0	74	2	10	0	26	350	159	2	175	34	0	0	0	0	0	0
1900	35	0	67	0	67	0	95	0	0	0	0	0	60	0	84	41	61	0	85	25	35	0	44	23	169	2	176	154	0	0	0	0	0	0
2000	43	0	74	0	75	0	105	0	0	0	0	0	64	0	80	51	66	0	79	55	44	0	55	34	154	2	175	55	0	0	0	0	0	0
2100	43	0	63	0	81	0	94	0	0	0	0	0	95	0	115	81	97	0	112	82	64	0	69	56	165	2	176	154	0	0	0	0	0	0
2200	54	0	74	0	103	0	112	0	0	0	0	0	96	0	109	86	99	0	111	87	85	0	100	78	155	2	175	98	0	0	0	0	0	0
2300	47	0	71	0	111	0	118	0	0	0	0	0	128	0	146	120	132	0	145	125	132	0	144	131	169	2	176	137	0	0	0	0	0	0
2400	53	0	82	0	122	0	123	0	0	0	0	0	134	0	148	125	139	0	147	129	125	0	132	123	171	2	175	137	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	351	0	352	0	379	0	374	0	320	2	320	2	29	0	20	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
200	342	0	345	0	378	0	372	0	320	2	320	2	34	0	25	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
300	342	0	343	0	378	0	374	0	320	2	320	2	36	0	29	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
400	343	0	343	0	376	0	370	0	320	2	320	2	32	0	25	0	0	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
500	308	0	308	0	352	0	347	0	320	2	320	2	41	0	38	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
600	314	0	312	0	345	0	340	0	320	2	320	2	31	0	27	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
700	317	0	317	0	369	0	363	0	320	2	320	2	49	0	45	0	0	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
800	347	0	343	0	363	0	358	0	320	2	320	2	16	0	14	0	0	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	171	0
900	399	0	392	0	403	2	405	0	320	2	320	2	14	0	13	2	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1000	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1100	4/7	2	315	2	315	2	315	2	320	2	320	2	9	2	-4	2	0	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	525	0	450	2	559	0	448	2	320	2	320	2	34	0	-2	2	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	486	0	453	2	511	0	448	2	320	2	320	2	25	0	-2	2	0	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1700	478	0	448	2	505	0	446	2	320	2	320	2	25	0	2	2	0	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	471	0	457	2	478	0	450	2	320	2	320	2	7	0	-2	2	0	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	459	0	460	2	473	0	459	2	320	2	320	2	14	0	-2	2	0	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	442	0	448	2	460	0	455	2	320	2	320	2	16	0	-2	2	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	428	0	448	2	474	0	450	2	320	2	320	2	16	0	-2	2	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	415	0	448	2	473	0	446	2	320	2	320	2	59	0	-2	2	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	406	0	450	2	475	0	446	2	320	2	320	2	68	0	2	2	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	403	0	460	2	448	0	446	2	320	2	320	2	45	0	2	2	0	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6

SI[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]G RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, D[illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	64	0	95	0	141	0	149	0	0	0	0	0	132	0	149	113	136	0	158	121	120	0	124	111	174	2	176	159	0	0	0	0	0	0
200	78	0	104	0	148	0	157	0	0	0	0	0	127	0	141	115	134	0	172	122	124	0	247	112	162	2	176	88	0	0	0	0	0	0
300	49	0	72	0	117	0	126	0	0	0	0	0	140	0	164	115	144	0	182	125	142	0	147	134	156	2	175	143	0	0	0	0	0	0
400	69	0	90	0	126	0	133	0	0	0	0	0	126	0	141	117	131	0	172	114	127	0	254	112	129	2	148	125	0	0	0	0	0	0
500	57	0	91	0	146	0	155	0	0	0	0	0	134	0	160	112	139	0	157	119	123	0	131	113	174	2	176	171	0	0	0	0	0	0
600	54	0	88	0	137	0	139	0	0	0	0	0	131	0	152	113	137	0	178	122	127	0	232	123	172	2	179	157	0	0	0	0	0	0
700	52	0	79	0	138	0	145	0	0	0	0	0	140	0	175	117	144	0	169	124	134	0	144	131	161	2	176	154	0	0	0	0	0	0
800	55	0	84	0	129	0	131	0	0	0	0	0	133	0	163	108	137	0	155	122	126	0	135	108	172	2	175	154	0	0	0	0	0	0
900	76	2	102	2	141	2	153	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1000	47	2	78	2	133	2	133	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1100	51	0	74	0	76	0	97	0	0	0	0	0	133	0	199	101	134	0	178	0	107	0	168	0	147	2	174	0	0	0	0	0	0	0
1200	58	0	82	0	77	0	97	0	0	0	0	0	127	0	173	85	129	0	166	78	110	0	144	67	162	2	174	153	0	0	0	0	0	0
1300	55	0	77	0	75	0	96	0	0	0	0	0	99	0	161	0	133	0	183	93	114	0	144	78	166	2	174	153	0	0	0	0	0	0
1400	96	0	107	0	106	0	120	0	0	0	0	0	119	0	169	58	119	0	178	0	108	0	169	65	157	2	176	0	0	0	0	0	0	0
1500	43	0	67	0	68	0	89	0	0	0	0	0	109	0	153	62	114	0	163	58	94	0	148	41	165	2	174	153	0	0	0	0	0	0
1600	47	0	68	0	73	0	92	0	0	0	0	0	121	0	165	70	123	0	177	57	102	0	145	53	166	2	174	153	0	0	0	0	0	0
1700	17	0	34	0	32	0	53	0	0	0	0	0	73	3	177	1	73	0	153	0	60	0	145	13	166	2	175	154	0	0	0	0	0	0
1800	44	0	76	0	78	0	97	0	0	0	0	0	133	0	185	102	137	0	174	111	122	0	167	99	168	2	175	154	0	0	0	0	0	0
1900	42	0	62	0	69	0	94	0	0	0	0	0	123	0	155	108	127	0	146	102	109	0	126	86	168	2	175	154	0	0	0	0	0	0
2000	65	0	85	0	117	0	135	0	0	0	0	0	119	0	130	113	123	0	135	114	102	0	110	98	158	2	175	154	0	0	0	0	0	0
2100	74	0	94	0	132	0	150	0	0	0	0	0	120	0	135	108	125	0	138	113	107	0	113	100	167	2	177	154	0	0	0	0	0	0
2200	56	0	84	0	119	0	145	0	0	0	0	0	127	0	150	96	130	0	146	113	109	0	117	100	172	2	175	154	0	0	0	0	0	0
2300	79	0	98	0	132	0	149	0	0	0	0	0	114	0	120	103	119	0	126	108	101	0	109	98	158	2	175	154	0	0	0	0	0	0
2400	103	0	129	0	154	0	177	0	0	0	0	0	123	0	140	109	126	0	142	112	107	0	122	100	168	2	175	154	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	392	0	448	2	423	0	457	2	320	2	320	2	32	0	2	2	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
200	379	0	459	2	410	0	451	2	320	2	320	2	29	0	0	2	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
300	376	0	451	2	408	0	451	2	320	2	320	2	32	0	-2	2	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
400	361	0	457	2	396	0	455	2	320	2	320	2	31	0	2	2	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
500	343	0	455	2	370	0	448	2	320	2	320	2	25	0	2	2	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
600	336	0	451	2	374	0	459	2	320	2	320	2	36	0	2	2	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
700	340	0	448	2	378	0	455	2	320	2	320	2	38	0	2	2	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
800	369	0	448	2	379	0	448	2	320	2	320	2	11	0	2	2	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
900	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1000	455	2	466	2	441	2	433	2	320	2	320	2	-11	2	-32	2	0	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1100	457	2	475	0	446	2	464	0	320	2	320	2	2	0	-11	0	0	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1200	513	0	520	0	500	0	493	0	320	2	320	2	-11	0	-27	0	0	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1300	543	0	552	0	527	0	520	0	320	2	320	2	-16	0	-31	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1400	540	0	486	2	538	0	466	2	320	2	320	2	-5	0	-4	0	0	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1500	579	0	586	0	567	0	561	0	320	2	320	2	-11	0	-27	0	0	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1600	585	0	592	0	572	0	567	0	320	2	320	2	-13	0	-27	0	0	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	570	0	577	0	570	0	563	0	320	2	320	2	0	0	-16	0	0	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1800	583	0	588	0	577	0	572	0	320	2	320	2	-4	0	-16	0	0	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1900	561	0	570	0	567	0	559	0	320	2	320	2	4	0	-9	0	0	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2000	522	0	529	0	541	0	538	0	320	2	320	2	22	0	9	0	0	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2100	505	0	511	0	527	0	522	0	320	2	320	2	23	0	13	0	0	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2200	489	0	495	0	507	0	502	0	320	2	320	2	20	0	7	0	0	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2300	471	0	477	0	496	0	493	0	320	2	320	2	27	0	16	0	0	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2400	460	0	468	0	471	0	466	0	320	2	320	2	11	0	2	0	0	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	95	0	118	0	138	0	164	0	0	0	0	0	122	0	138	107	126	0	144	104	108	0	122	99	169	2	175	154	0	0	0	0	0	0
200	117	0	139	0	166	0	190	0	0	0	0	0	122	0	150	105	124	0	147	105	109	0	120	91	170	2	176	154	0	0	0	0	0	0
300	104	0	131	0	161	0	192	0	0	0	0	0	124	0	139	106	128	0	146	109	111	0	124	99	172	2	176	157	0	0	0	0	0	0
400	94	0	118	0	149	0	172	0	0	0	0	0	123	0	140	103	129	0	146	113	111	0	123	97	172	2	176	154	0	0	0	0	0	0
500	115	0	130	0	164	0	185	0	0	0	0	0	119	0	138	106	123	0	136	103	104	0	116	97	164	2	176	154	0	0	0	0	0	0
600	99	0	128	0	153	0	182	0	0	0	0	0	126	0	143	106	129	0	150	108	110	0	121	100	171	2	176	154	0	0	0	0	0	0
700	94	0	122	0	149	0	176	0	0	0	0	0	126	0	139	113	130	0	154	113	111	0	121	98	172	2	175	155	0	0	0	0	0	0
800	86	0	117	0	127	0	153	0	0	0	0	0	125	0	151	104	129	0	150	105	110	0	123	96	169	2	175	154	0	0	0	0	0	0
900	90	0	128	0	139	0	156	0	0	0	0	0	134	0	174	113	139	0	164	102	116	0	135	89	171	2	175	154	0	0	0	0	0	0
1000	79	0	108	0	121	0	138	0	0	0	0	0	135	0	171	97	139	0	164	101	121	0	143	90	168	2	175	154	0	0	0	0	0	0
1100	94	0	124	0	131	0	145	0	0	0	0	0	126	0	163	95	131	0	180	99	113	0	137	83	149	2	170	85	0	0	0	0	0	0
1200	92	0	129	0	143	0	163	0	0	0	0	0	132	0	191	103	136	0	181	99	116	0	135	98	133	0	152	113	0	0	0	0	0	0
1300	92	0	122	0	140	0	164	0	0	0	0	0	135	0	180	108	140	0	175	113	124	0	145	100	140	0	155	120	0	0	0	0	0	0
1400	121	0	136	0	138	0	157	0	0	0	0	0	127	0	178	95	128	0	165	92	109	0	138	63	123	0	164	74	0	0	0	0	0	0
1500	82	0	113	0	141	0	159	0	0	0	0	0	136	0	184	107	139	0	191	94	123	0	154	93	137	0	171	107	0	0	0	0	0	0
1600	114	0	140	0	149	0	166	0	0	0	0	0	128	0	170	94	133	0	165	104	113	0	136	90	128	0	151	106	0	0	0	0	0	0
1700	122	0	154	0	167	0	183	0	0	0	0	0	129	0	170	92	132	0	175	97	113	0	136	87	128	0	150	95	0	0	0	0	0	0
1800	115	0	140	0	158	0	178	0	0	0	0	0	124	0	153	103	127	0	155	94	105	0	132	80	120	0	139	100	0	0	0	0	0	0
1900	105	0	118	0	151	0	164	0	0	0	0	0	114	0	142	96	117	0	140	95	94	0	110	80	108	0	153	94	0	0	0	0	0	0
2000	113	0	126	0	168	0	179	0	0	0	0	0	111	0	130	93	113	0	132	94	89	0	101	77	104	0	167	91	0	0	0	0	0	0
2100	159	0	168	0	202	0	212	0	0	0	0	0	114	0	144	95	119	0	142	90	96	0	113	79	111	0	140	92	0	0	0	0	0	0
2200	140	0	155	0	184	0	197	0	0	0	0	0	120	0	142	94	123	0	144	85	99	0	113	80	113	0	126	97	0	0	0	0	0	0
2300	130	0	150	0	174	0	193	0	0	0	0	0	121	0	141	95	125	0	146	101	106	0	124	89	122	0	161	111	0	0	0	0	0	0
2400	146	0	159	0	182	0	191	0	0	0	0	0	121	0	144	91	122	0	145	94	101	0	121	89	118	0	165	102	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	437	0	442	0	446	0	441	0	320	2	320	2	11	0	-2	0	0	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
200	430	0	435	0	439	0	433	0	320	2	320	2	11	0	2	0	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
300	426	0	433	0	435	0	430	0	320	2	320	2	9	0	-4	0	0	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
400	414	0	421	0	423	0	419	0	320	2	320	2	11	0	-2	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
500	399	0	406	0	406	0	403	0	320	2	320	2	7	0	-5	0	0	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
600	397	0	403	0	405	0	399	0	320	2	320	2	9	0	-4	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
700	390	0	397	0	397	0	392	0	320	2	320	2	9	0	-4	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
800	417	0	424	0	412	0	408	0	320	2	320	2	-4	0	-18	0	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
900	459	0	466	0	446	0	441	0	320	2	320	2	-11	0	-23	0	0	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1000	505	0	513	0	491	0	486	0	320	2	320	2	-13	0	-27	0	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1100	545	0	554	0	532	0	525	0	320	2	320	2	-13	0	-27	0	0	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1200	579	0	588	0	565	0	559	0	320	2	320	2	-16	0	-29	0	0	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1300	610	0	617	0	592	0	585	0	320	2	320	2	-16	0	-31	0	0	2	0	2	466	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1400	626	0	631	0	617	0	610	0	320	2	320	2	-7	0	-22	0	0	2	0	2	475	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1500	635	0	642	0	622	0	615	0	320	2	320	2	-11	0	-25	0	0	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1600	635	0	642	0	630	0	622	0	320	2	320	2	-5	0	-18	0	0	2	0	2	484	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	639	0	646	0	631	0	626	0	320	2	320	2	-5	0	-18	0	0	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1800	626	0	633	0	624	0	619	0	320	2	320	2	2	0	-14	0	0	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1900	594	0	601	0	595	0	590	0	320	2	320	2	2	0	-9	0	0	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2000	565	0	570	0	568	0	565	0	320	2	320	2	5	0	-7	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2100	536	0	543	0	536	0	531	0	320	2	320	2	0	0	-13	0	0	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2200	513	0	520	0	513	0	507	0	320	2	320	2	2	0	-11	0	0	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2300	489	0	496	0	491	0	486	0	320	2	320	2	2	0	-11	0	0	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2400	469	0	477	0	469	0	465	0	320	2	320	2	0	0	-13	0	0	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0

STA[illegible]ODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REF[illegible]G RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

HOUR	[illegible] 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	144	0	159	0	192	0	208	0	0	0	0	0	120	0	137	102	122	0	144	101	99	0	114	89	113	0	129	99	0	0	0	0	0	0
200	117	0	131	0	159	0	176	0	0	0	0	0	121	0	143	99	123	0	146	105	104	0	119	90	117	0	129	106	0	0	0	0	0	0
300	126	0	147	0	164	0	190	0	0	0	0	0	122	0	137	104	124	0	145	100	107	0	121	99	121	0	136	98	0	0	0	0	0	0
400	126	0	153	0	185	0	209	0	0	0	0	0	128	0	150	111	131	0	151	111	113	0	125	102	128	0	142	117	0	0	0	0	0	0
500	118	0	145	0	184	0	207	0	0	0	0	0	127	0	154	92	131	0	149	117	114	0	124	102	128	0	136	109	0	0	0	0	0	0
600	130	0	156	0	190	0	212	0	0	0	0	0	126	0	149	108	131	0	146	108	111	0	124	99	126	0	139	111	0	0	0	0	0	0
700	140	0	163	0	199	0	222	0	0	0	0	0	124	0	151	109	127	0	147	106	108	0	122	97	123	0	137	112	0	0	0	0	0	0
800	128	0	159	0	182	0	199	0	0	0	0	0	130	0	159	105	135	0	162	105	116	0	134	101	131	0	147	118	0	0	0	0	0	0
900	116	0	151	0	165	0	179	0	0	0	0	0	131	0	170	97	136	0	160	119	120	0	144	101	136	0	152	121	0	0	0	0	0	0
1000	106	0	117	0	112	0	136	0	0	0	0	0	121	0	169	94	125	0	147	98	106	0	129	88	124	0	158	106	0	0	0	0	0	0
1100	92	0	121	0	125	0	145	0	0	0	0	0	126	0	170	101	130	0	163	106	112	0	134	97	127	0	142	113	0	0	0	0	0	0
1200	78	0	109	0	137	0	154	0	0	0	0	0	143	0	203	112	144	0	177	101	128	0	154	101	142	0	165	123	0	0	0	0	0	0
1300	87	0	118	0	144	0	163	0	0	0	0	0	144	0	231	107	147	0	242	113	133	0	165	111	147	0	173	113	0	0	0	0	0	0
1400	98	0	134	0	171	0	189	0	0	0	0	0	139	0	186	104	142	0	181	109	121	0	146	88	138	0	171	113	0	0	0	0	0	0
1500	101	0	126	0	157	0	184	0	0	0	0	0	135	0	178	100	140	0	182	105	122	0	150	100	138	0	164	111	0	0	0	0	0	0
1600	51	0	68	0	101	0	121	0	0	0	0	0	169	0	231	107	175	0	263	106	158	0	203	97	171	0	221	130	0	0	0	0	0	0
1700	63	0	83	0	132	0	147	0	0	0	0	0	172	0	234	102	182	0	267	106	160	0	179	132	172	0	206	142	0	0	0	0	0	0
1800	44	0	66	0	105	0	119	0	0	0	0	0	168	0	237	102	168	0	246	115	154	0	199	124	167	0	217	140	0	0	0	0	0	0
1900	136	0	141	0	235	0	237	0	0	0	0	0	162	0	232	110	164	0	213	112	153	0	178	124	165	0	188	142	0	0	0	0	0	0
2000	97	0	121	0	176	0	191	0	0	0	0	0	142	0	181	108	147	0	182	110	130	0	148	112	144	0	164	125	0	0	0	0	0	0
2100	129	0	158	0	172	0	194	0	0	0	0	0	123	0	151	101	128	0	150	106	108	0	132	89	123	0	150	106	0	0	0	0	0	0
2200	112	0	149	0	174	0	193	0	0	0	0	0	132	0	164	101	135	0	167	100	118	0	135	100	135	0	154	108	0	0	0	0	0	0
2300	71	0	101	0	153	0	170	0	0	0	0	0	140	0	182	109	143	0	170	109	132	0	154	108	146	0	165	120	0	0	0	0	0	0
2400	85	0	102	0	167	0	182	0	0	0	0	0	158	0	218	95	160	0	246	108	148	0	178	121	161	0	185	134	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	450	0	457	0	451	0	446	0	320	2	320	2	2	0	-11	0	0	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
200	444	0	451	0	448	0	442	0	320	2	320	2	5	0	-7	0	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
300	450	0	457	0	455	0	451	0	320	2	320	2	7	0	-5	0	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
400	450	0	457	0	457	0	453	0	320	2	320	2	9	0	-4	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	450	0	457	0	462	0	459	0	320	2	320	2	14	0	2	0	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
600	451	0	459	0	459	0	453	0	320	2	320	2	7	0	-5	0	0	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
700	451	0	459	0	457	0	451	0	320	2	320	2	7	0	-5	0	0	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
800	477	0	484	0	473	0	469	0	320	2	320	2	-4	0	-16	0	0	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
900	507	0	514	0	502	0	496	0	320	2	320	2	-5	0	-18	0	0	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1000	554	0	561	0	547	0	541	0	320	2	320	2	-5	0	-20	0	0	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1100	579	0	586	0	570	0	565	0	320	2	320	2	-7	0	-22	0	0	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1200	617	0	624	0	604	0	599	0	320	2	320	2	-13	0	-27	0	0	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1300	657	0	664	0	633	0	628	0	320	2	320	2	-22	0	-36	0	0	2	0	2	493	0	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1400	666	0	673	0	655	0	649	0	320	2	320	2	-11	0	-25	0	0	2	0	2	498	0	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1500	669	0	676	0	664	0	660	0	320	2	320	2	-4	0	-18	0	0	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	660	0	666	0	655	0	649	0	320	2	320	2	-5	0	-18	0	0	2	0	2	484	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	642	0	649	0	640	0	633	0	320	2	320	2	0	0	-14	0	0	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	619	0	626	0	621	0	615	0	320	2	320	2	2	0	-11	0	0	2	0	2	469	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	550	0	558	0	547	0	541	0	320	2	320	2	2	0	-14	0	0	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	527	0	534	0	531	0	525	0	320	2	320	2	4	0	-9	0	0	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	527	0	532	0	525	0	520	0	320	2	320	2	0	0	-13	0	0	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	532	0	538	0	531	0	525	0	320	2	320	2	2	0	-13	0	0	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	502	0	509	0	509	0	504	0	320	2	320	2	9	0	-5	0	0	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
2400	504	0	511	0	507	0	502	0	320	2	320	2	4	0	-9	0	0	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	65	0	90	0	129	0	149	0	0	0	0	0	154	0	198	108	158	0	226	108	145	0	164	123	159	0	174	139	0	0	0	0	0	0
200	55	0	77	0	125	0	139	0	0	0	0	0	170	0	224	116	170	0	248	118	161	0	192	143	172	0	202	145	0	0	0	0	0	0
300	46	0	67	0	108	0	118	0	0	0	0	0	177	0	254	101	176	0	225	109	166	0	193	143	178	0	212	146	0	0	0	0	0	0
400	84	0	96	0	160	0	157	0	0	0	0	0	198	0	264	125	198	0	258	136	180	0	202	155	192	0	218	166	0	0	0	0	0	0
500	60	0	70	0	135	0	137	0	0	0	0	0	192	0	260	109	199	0	256	116	175	0	222	146	188	0	226	159	0	0	0	0	0	0
600	58	0	74	0	139	0	140	0	0	0	0	0	194	0	265	106	202	0	260	149	175	0	201	147	187	0	217	149	0	0	0	0	0	0
700	47	0	69	0	111	0	128	0	0	0	0	0	157	0	203	115	159	0	229	101	148	0	169	133	162	0	182	142	0	0	0	0	0	0
800	76	0	104	0	169	0	179	0	0	0	0	0	166	0	247	90	168	0	238	97	156	0	188	121	169	0	201	139	0	0	0	0	0	0
900	51	0	72	0	109	0	125	0	0	0	0	0	163	0	262	92	162	0	255	93	154	0	191	112	167	0	208	125	0	0	0	0	0	0
1000	59	0	73	0	122	0	118	0	0	0	0	0	195	0	260	94	197	0	259	120	177	0	249	113	190	0	220	145	0	0	0	0	0	0
1100	55	0	70	0	115	0	120	0	0	0	0	0	198	0	269	118	196	0	267	108	176	0	226	136	187	0	259	130	0	0	0	0	0	0
1200	75	0	82	0	117	0	115	0	0	0	0	0	222	0	266	166	227	0	282	189	191	0	245	121	204	0	254	150	0	0	0	0	0	0
1300	55	0	75	0	84	0	93	0	0	0	0	0	237	0	295	204	234	0	297	205	237	0	269	193	245	0	271	204	0	0	0	0	0	0
1400	66	0	75	0	112	0	115	0	0	0	0	0	242	0	291	188	238	0	275	187	220	0	249	200	229	0	260	205	0	0	0	0	0	0
1500	59	0	66	0	90	0	94	0	0	0	0	0	232	0	321	187	230	0	337	181	203	0	243	157	212	0	245	183	0	0	0	0	0	0
1600	69	0	74	0	134	0	118	0	0	0	0	0	253	0	292	219	249	0	281	202	240	0	250	231	245	0	251	199	0	0	0	0	0	0
1700	132	0	114	0	190	0	177	0	0	0	0	0	246	0	276	194	242	0	279	217	230	0	242	218	233	0	244	212	0	0	0	0	0	0
1800	108	0	99	0	178	0	162	0	0	0	0	0	240	0	285	190	236	0	280	196	218	0	242	195	225	0	249	212	0	0	0	0	0	0
1900	113	0	106	0	187	0	171	0	0	0	0	0	242	0	281	196	236	0	271	183	222	0	247	205	229	0	252	207	0	0	0	0	0	0
2000	81	0	80	0	128	0	123	0	0	0	0	0	239	0	275	192	234	0	271	188	213	0	239	182	219	0	243	195	0	0	0	0	0	0
2100	87	0	90	0	141	0	135	0	0	0	0	0	236	0	275	184	236	0	288	186	217	0	247	194	224	0	256	202	0	0	0	0	0	0
2200	97	0	94	0	157	0	150	0	0	0	0	0	240	0	292	191	234	0	291	198	212	0	231	185	220	0	241	194	0	0	0	0	0	0
2300	103	0	102	0	163	0	151	0	0	0	0	0	237	0	274	186	235	0	286	190	215	0	242	186	222	0	244	199	0	0	0	0	0	0
2400	82	0	89	0	133	0	132	0	0	0	0	0	234	0	300	195	233	0	272	190	211	0	237	179	221	0	251	195	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	486	0	491	0	489	0	484	0	320	2	320	2	5	0	-7	0	0	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
200	480	0	486	0	486	0	480	0	320	2	320	2	7	0	-7	0	0	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
300	473	0	480	0	478	0	473	0	320	2	320	2	5	0	-7	0	0	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
400	469	0	475	0	471	0	468	0	320	2	320	2	5	0	-9	0	0	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
500	453	0	460	0	459	0	453	0	320	2	320	2	7	0	-7	0	0	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
600	441	0	446	0	442	0	437	0	320	2	320	2	2	0	-11	0	0	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
700	435	0	442	0	437	0	432	0	320	2	320	2	2	0	-11	0	0	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
800	439	0	444	0	439	0	433	0	320	2	320	2	2	0	-11	0	0	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
900	446	0	453	0	442	0	437	0	320	2	320	2	2	0	-14	0	0	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1000	469	0	477	0	459	0	453	0	320	2	320	2	-11	0	-23	0	0	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1100	514	0	522	0	489	0	484	0	320	2	320	2	-25	0	-36	0	0	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	105	6
1200	513	0	518	0	496	0	491	0	320	2	320	2	-14	0	-25	0	0	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
1300	442	0	448	0	446	0	441	0	320	2	320	2	4	0	-5	0	0	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	104	6
1400	451	0	455	0	453	0	448	0	320	2	320	2	4	0	-7	0	0	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1500	468	0	473	0	464	0	459	0	320	2	320	2	-4	0	-16	0	0	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1600	423	0	430	0	437	0	432	0	320	2	320	2	14	0	2	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1700	426	0	433	0	433	0	428	0	320	2	320	2	9	0	-4	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	403	0	410	0	408	0	403	0	320	2	320	2	7	0	-7	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1900	410	0	415	0	412	0	406	0	320	2	320	2	4	0	-9	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2000	412	0	419	0	414	0	410	0	320	2	320	2	4	0	-9	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2100	414	0	421	0	414	0	408	0	320	2	320	2	2	0	-11	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2200	412	0	417	0	414	0	408	0	320	2	320	2	4	0	-9	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
2300	415	0	421	0	415	0	410	0	320	2	320	2	2	0	-11	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
2400	405	0	412	0	406	0	401	0	320	2	320	2	4	0	-11	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0

ST[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH 28, 1987

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	90	0	91	0	138	0	137	0	0	0	0	0	235	0	302	195	231	0	293	190	210	0	244	178	219	0	254	193	0	0	0	0	0	0
200	69	0	80	0	127	0	124	0	0	0	0	0	214	0	267	114	220	0	280	185	198	0	223	166	207	0	228	180	0	0	0	0	0	0
300	84	0	90	0	129	0	129	0	0	0	0	0	221	0	257	170	224	0	286	181	200	0	227	179	210	0	235	187	0	0	0	0	0	0
400	89	0	97	0	159	0	151	0	0	0	0	0	234	0	268	186	233	0	269	167	214	0	243	183	223	0	244	193	0	0	0	0	0	0
500	138	0	133	0	219	0	206	0	0	0	0	0	240	0	306	193	240	0	280	184	219	0	237	202	229	0	244	215	0	0	0	0	0	0
600	162	0	161	0	266	0	253	0	0	0	0	0	255	0	282	220	252	0	286	216	236	0	246	225	244	0	252	212	0	0	0	0	0	0
700	159	0	181	0	250	0	285	0	0	0	0	0	264	0	288	230	261	0	290	232	249	0	257	245	256	0	262	195	0	0	0	0	0	0
800	143	0	166	0	197	0	225	0	0	0	0	0	267	0	293	235	268	0	300	244	259	0	281	224	267	0	343	217	0	0	0	0	0	0
900	126	0	151	0	167	0	192	0	0	0	0	0	267	0	301	241	267	0	299	248	259	0	276	233	269	0	350	229	0	0	0	0	0	0
1000	107	0	133	0	152	0	176	0	0	0	0	0	261	0	282	224	260	0	283	229	254	0	266	243	262	0	271	189	0	0	0	0	0	0
1100	74	0	85	0	150	0	152	0	0	0	0	0	251	0	296	191	249	0	280	220	238	0	247	221	246	0	256	198	0	0	0	0	0	0
1200	67	0	78	0	158	0	158	0	0	0	0	0	254	0	328	214	258	0	314	211	239	0	257	223	244	0	264	194	0	0	0	0	0	0
1300	104	0	113	0	186	0	177	0	0	0	0	0	250	0	283	213	248	0	280	211	235	0	245	232	245	0	255	230	0	0	0	0	0	0
1400	100	0	104	0	169	0	161	0	0	0	0	0	245	0	284	219	245	0	272	207	237	0	245	227	246	0	251	202	0	0	0	0	0	0
1500	97	0	118	0	185	0	208	0	0	0	0	0	258	0	293	198	257	0	314	216	243	0	247	217	252	0	259	244	0	0	0	0	0	0
1600	76	0	84	0	123	0	128	0	0	0	0	0	250	0	278	221	247	0	277	205	237	0	258	213	244	0	271	200	0	0	0	0	0	0
1700	74	0	85	0	161	0	171	0	0	0	0	0	255	0	289	227	251	0	294	220	243	0	252	226	251	0	262	238	0	0	0	0	0	0
1800	84	0	102	0	185	0	205	0	0	0	0	0	261	0	295	229	258	0	284	230	246	0	251	238	254	0	259	247	0	0	0	0	0	0
1900	90	0	91	0	149	0	141	0	0	0	0	0	241	0	287	187	234	0	280	186	224	0	247	202	230	0	245	208	0	0	0	0	0	0
2000	95	0	94	0	153	0	147	0	0	0	0	0	236	0	298	193	232	0	292	191	216	0	248	193	220	0	262	190	0	0	0	0	0	0
2100	63	0	67	0	104	0	107	0	0	0	0	0	230	0	267	184	227	0	254	180	209	0	236	182	217	0	243	198	0	0	0	0	0	0
2200	58	0	64	0	91	0	90	0	0	0	0	0	224	0	265	171	225	0	293	180	196	0	226	175	206	0	233	179	0	0	0	0	0	0
2300	60	0	71	0	100	0	94	0	0	0	0	0	216	0	257	164	212	0	248	165	193	0	214	172	201	0	223	177	0	0	0	0	0	0
2400	50	0	58	0	75	0	75	0	0	0	0	0	225	0	276	182	222	0	266	177	205	0	229	182	213	0	231	190	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	405	0	412	0	405	0	399	0	320	2	320	2	2	0	-11	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
200	397	0	403	0	399	0	396	0	320	2	320	2	4	0	-9	0	0	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
300	397	0	403	0	399	0	394	0	320	2	320	2	4	0	-9	0	0	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
400	405	0	410	0	405	0	399	0	320	2	320	2	2	0	-11	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
500	406	0	414	0	408	0	405	0	320	2	320	2	4	0	-9	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
600	405	0	412	0	412	0	408	0	320	2	320	2	9	0	-4	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
700	399	0	406	0	415	0	412	0	320	2	320	2	20	0	7	0	0	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
800	397	0	405	0	406	0	403	0	320	2	320	2	11	0	-2	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
900	394	0	401	0	401	0	397	0	320	2	320	2	9	0	-4	0	0	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
1000	388	0	394	0	399	0	396	0	320	2	320	2	13	0	0	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
1100	394	0	399	0	403	0	397	0	320	2	320	2	11	0	2	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
1200	396	0	403	0	401	0	399	0	320	2	320	2	7	0	-5	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
1300	405	0	412	0	415	0	410	0	320	2	320	2	11	0	0	0	0	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0
1400	415	0	421	0	430	0	424	0	320	2	320	2	16	0	5	0	0	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
1500	423	0	428	0	448	0	442	0	320	2	320	2	27	0	14	0	0	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
1600	419	0	426	0	430	0	426	0	320	2	320	2	14	0	2	0	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	103	6
1700	408	0	414	0	424	0	419	0	320	2	320	2	18	0	7	0	0	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
1800	410	0	415	0	437	0	432	0	320	2	320	2	29	0	18	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
1900	417	0	423	0	419	0	414	0	320	2	320	2	4	0	-9	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2000	419	0	426	0	421	0	415	0	320	2	320	2	2	0	-9	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2100	423	0	428	0	424	0	421	0	320	2	320	2	4	0	-9	0	0	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2200	426	0	432	0	424	0	421	0	320	2	320	2	2	0	-11	0	0	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2300	421	0	426	0	421	0	415	0	320	2	320	2	2	0	-11	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2400	419	0	424	0	417	0	414	0	320	2	320	2	0	0	-13	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	47	0	54	0	76	0	75	0	0	0	0	0	224	0	265	189	221	0	255	179	201	0	225	172	210	0	242	175	0	0	0	0	0	0
200	29	0	42	0	53	0	59	0	0	0	0	0	223	0	265	158	224	0	265	184	206	0	230	180	214	0	240	183	0	0	0	0	0	0
300	32	0	43	0	57	0	60	0	0	0	0	0	244	0	287	195	239	0	282	193	223	0	249	193	229	0	260	209	0	0	0	0	0	0
400	48	0	61	0	90	0	104	0	0	0	0	0	264	0	306	231	257	0	288	227	248	0	275	230	252	0	265	209	0	0	0	0	0	0
500	25	0	35	0	53	0	58	0	0	0	0	0	247	0	280	199	242	0	286	198	237	0	251	215	242	0	256	226	0	0	0	0	0	0
600	30	0	36	0	46	0	55	0	0	0	0	0	255	0	232	280	240	0	270	197	214	0	174	246	248	0	272	220	0	0	0	0	0	0
700	30	0	27	0	50	0	35	0	0	0	0	0	268	0	236	293	253	3	304	200	232	0	199	261	265	0	316	210	0	0	0	0	0	0
800	34	0	0	2	50	0	0	2	0	2	0	2	252	0	231	278	0	2	0	0	245	0	223	271	0	2	0	0	0	2	0	0	0	2
900	27	0	0	2	50	0	0	2	0	2	0	2	217	0	182	268	0	2	0	0	266	0	226	304	0	2	0	0	0	2	0	0	0	2
1000	42	0	0	2	71	0	0	2	0	2	0	2	244	0	216	272	0	2	0	0	302	0	280	331	0	2	0	0	0	2	0	0	0	2
1100	44	0	0	2	71	0	0	2	0	2	0	2	273	0	245	298	0	2	0	0	329	0	315	345	0	2	0	0	0	2	0	0	0	2
1200	52	0	0	2	86	0	0	2	0	2	0	2	307	0	275	336	0	2	0	0	344	0	325	5	0	2	0	0	0	2	0	0	0	2
1300	46	0	0	2	75	0	0	2	0	2	0	2	317	0	284	357	0	2	0	0	348	0	309	34	0	2	0	0	0	2	0	0	0	2
1400	46	0	0	2	69	0	0	2	0	2	0	2	341	0	313	27	0	2	0	0	19	0	347	52	0	2	0	0	0	2	0	0	0	2
1500	34	0	0	2	34	0	0	2	0	2	0	2	344	0	295	36	0	2	0	0	10	0	329	42	0	2	0	0	0	2	0	0	0	2
1600	71	0	0	2	40	0	0	2	0	2	0	2	35	0	1	63	0	2	0	0	23	0	336	63	0	2	0	0	0	2	0	0	0	2
1700	27	0	0	2	32	0	0	2	0	2	0	2	34	0	7	66	0	2	0	0	35	0	345	72	0	2	0	0	0	2	0	0	0	2
1800	32	0	0	2	59	0	0	2	0	2	0	2	50	0	10	84	0	2	0	0	24	0	359	45	0	2	0	0	0	2	0	0	0	2
1900	30	0	0	2	52	0	0	2	0	2	0	2	27	0	2	59	0	2	0	0	17	0	351	51	0	2	0	0	0	2	0	0	0	2
2000	32	0	0	2	40	0	0	2	0	2	0	2	36	0	11	60	0	2	0	0	35	0	353	66	0	2	0	0	0	2	0	0	0	2
2100	32	0	0	2	32	0	0	2	0	2	0	2	106	0	78	138	0	2	0	0	18	0	347	51	0	2	0	0	0	2	0	0	0	2
2200	32	0	0	2	36	0	0	2	0	2	0	2	88	0	66	109	0	2	0	0	69	0	37	89	0	2	0	0	0	2	0	0	0	2
2300	30	0	0	2	59	0	0	2	0	2	0	2	113	0	102	126	0	2	0	0	50	0	39	68	0	2	0	0	0	2	0	0	0	2
2400	44	0	0	2	98	0	0	2	0	2	0	2	46	0	27	57	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	414	0	419	0	412	0	406	0	320	2	320	2	0	0	-13	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
200	410	0	415	0	408	0	403	0	320	2	320	2	0	0	-13	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
300	378	0	381	0	378	0	374	0	320	2	320	2	4	0	-9	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
400	399	0	403	0	399	0	394	0	320	2	320	2	4	0	-9	0	0	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
500	387	0	392	0	387	0	381	0	320	2	320	2	2	0	-9	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
600	387	0	388	0	379	0	376	0	320	2	320	2	-7	0	-13	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	103	6
700	387	0	383	0	378	0	372	0	320	2	320	2	-3	0	-11	0	0	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	380	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	380	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	397	0	0	2	0	2	0	2	0	2	0	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	424	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	401	0	0	2	0	2	0	2	0	2	0	2	-18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	384	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	411	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	397	0	0	2	0	2	0	2	0	2	0	2	-7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	390	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	390	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	390	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	390	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	414	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	397	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	390	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	384	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	384	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STA[redacted]ODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [redacted]LID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[redacted] RESOLUTION TEMPERATURE 1 DEGREES, SPEED 1MPH, DI[redacted]ON 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[redacted]

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	D 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX		S
100	44	0	0	2	67	0	0	2	0	2	0	2	48	0	34	64	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	44	0	0	2	84	0	0	2	0	2	0	2	57	0	44	64	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	40	0	0	2	77	0	0	2	0	2	0	2	70	0	60	82	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	40	0	0	2	50	0	0	2	0	2	0	2	71	0	63	75	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	30	0	0	2	65	0	0	2	0	2	0	2	51	0	38	64	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	59	0	0	2	65	0	0	2	0	2	0	2	79	0	70	84	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	50	0	0	2	88	0	0	2	0	2	0	2	102	0	97	111	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	40	0	0	2	98	0	0	2	0	2	0	2	98	0	69	135	0	2	0	0	80	0	59	100	0	2	0	0	0	2	0	0	0	2
900	57	0	0	2	63	0	0	2	0	2	0	2	93	0	63	132	0	2	0	0	80	0	55	98	0	2	0	0	0	2	0	0	0	2
1000	55	0	0	2	61	0	0	2	0	2	0	2	79	0	39	119	0	2	0	0	84	0	53	110	0	2	0	0	0	2	0	0	0	2
1100	55	0	0	2	59	0	0	2	0	2	0	2	341	0	306	23	0	2	0	0	30	0	356	63	0	2	0	0	0	2	0	0	0	2
1200	75	0	0	2	90	0	0	2	0	2	0	2	340	0	304	18	0	2	0	0	348	0	324	5	0	2	0	0	0	2	0	0	0	2
1300	82	0	0	2	90	0	0	2	0	2	0	2	349	0	309	27	0	2	0	0	349	0	322	10	0	2	0	0	0	2	0	0	0	2
1400	96	0	0	2	102	0	0	2	0	2	-0	2	26	0	344	65	0	2	0	0	349	0	326	0	0	2	0	0	0	2	0	0	0	2
1500	102	0	0	2	109	0	0	2	0	2	0	2	33	0	350	59	0	2	0	0	356	0	321	20	0	2	0	0	0	2	0	0	0	2
1600	102	0	0	2	144	0	0	2	0	2	0	2	32	0	2	75	0	2	0	0	0	0	323	17	0	2	0	0	0	2	0	0	0	2
1700	105	0	0	2	119	0	0	2	0	2	0	2	30	0	7	59	0	2	0	0	1	0	339	17	0	2	0	0	0	2	0	0	0	2
1800	102	0	0	2	132	0	0	2	0	2	0	2	52	0	23	82	0	2	0	0	16	0	347	36	0	2	0	0	0	2	0	0	0	2
1900	86	0	0	2	132	0	0	2	0	2	0	2	51	0	20	79	0	2	0	0	16	0	347	32	0	2	0	0	0	2	0	0	0	2
2000	73	0	0	2	130	0	0	2	0	2	0	2	72	0	44	90	0	2	0	0	16	0	358	35	0	2	0	0	0	2	0	0	0	2
2100	90	0	0	2	123	0	0	2	0	2	0	2	83	0	52	100	0	2	0	0	21	0	359	44	0	2	0	0	0	2	0	0	0	2
2200	105	0	0	2	107	0	0	2	0	2	0	2	86	0	54	106	0	2	0	0	38	0	20	54	0	2	0	0	0	2	0	0	0	2
2300	119	0	0	2	102	0	0	2	0	2	0	2	86	0	64	116	0	2	0	0	44	0	28	54	0	2	0	0	0	2	0	0	0	2
2400	107	0	0	2	119	0	0	2	0	2	0	2	90	0	65	116	0	2	0	0	56	0	39	71	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	384	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	384	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	350	0	0	2	0	2	0	2	0	2	0	2	25	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	360	0	0	2	0	2	0	2	0	2	0	2	23	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	363	0	0	2	0	2	0	2	0	2	0	2	15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	336	0	0	2	0	2	0	2	0	2	0	2	26	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	336	0	0	2	0	2	0	2	0	2	0	2	27	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	370	0	0	2	0	2	0	2	0	2	0	2	31	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	411	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	445	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	479	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	475	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	479	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	452	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	418	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	428	0	0	2	0	2	0	2	0	2	0	2	7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	438	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	414	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	404	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	387	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	384	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	384	0	0	2	0	2	0	2	0	2	0	2	14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	397	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	404	0	0	2	0	2	0	2	0	2	0	2	12	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK . METEOROLOGICAL DATA FOR MARCH

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	113	0	0	2	155	0	0	2	0	2	0	2	100	0	79	129	0	2	0	0	60	0	45	73	0	2	0	0	0	2	0	0	0	2
200	169	0	0	2	157	0	0	2	0	2	0	2	119	0	91	141	0	2	0	0	61	0	47	79	0	2	0	0	0	2	0	0	0	2
300	200	0	0	2	163	0	0	2	0	2	0	2	123	0	96	149	0	2	0	0	73	0	57	86	0	2	0	0	0	2	0	0	0	2
400	215	0	0	2	163	0	0	2	0	2	0	2	134	0	106	182	0	2	0	0	73	0	55	88	0	2	0	0	0	2	0	0	0	2
500	196	0	0	2	194	0	0	2	0	2	0	2	147	0	116	181	0	2	0	0	82	0	72	97	0	2	0	0	0	2	0	0	0	2
600	142	0	0	2	227	0	0	2	0	2	0	2	144	0	116	172	0	2	0	0	92	0	73	116	0	2	0	0	0	2	0	0	0	2
700	69	0	0	2	234	0	0	2	0	2	0	2	234	0	198	254	0	2	0	0	113	0	90	131	0	2	0	0	0	2	0	0	0	2
800	15	0	0	2	255	0	0	2	0	2	0	2	214	0	141	271	0	2	0	0	111	0	95	133	0	2	0	0	0	2	0	0	0	2
900	92	0	0	2	265	0	0	2	0	2	0	2	150	0	113	177	0	2	0	0	120	0	95	140	0	2	0	0	0	2	0	0	0	2
1000	92	0	0	2	202	0	0	2	0	2	0	2	161	0	123	205	0	2	0	0	123	0	100	143	0	2	0	0	0	2	0	0	0	2
1100	0	2	0	2	202	0	0	2	0	2	0	2	199	0	134	261	0	2	0	0	129	0	107	150	0	2	0	0	0	2	0	0	0	2
1200	0	2	0	2	102	0	0	2	0	2	0	2	282	0	237	320	0	2	0	0	209	0	192	236	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	42	0	0	2	0	2	0	2	261	0	225	294	0	2	0	0	123	0	100	147	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	148	0	0	2	0	2	0	2	284	0	246	306	0	2	0	0	135	0	108	164	0	2	0	0	0	2	0	0	0	2
1500	88	0	0	2	188	0	0	2	0	2	0	2	282	0	242	316	0	2	0	0	149	0	125	168	0	2	0	0	0	2	0	0	0	2
1600	94	0	0	2	115	0	0	2	0	2	0	2	331	0	293	30	0	2	0	0	176	0	142	194	0	2	0	0	0	2	0	0	0	2
1700	61	0	0	2	140	0	0	2	0	2	0	2	1	0	315	52	0	2	0	0	210	0	172	246	0	2	0	0	0	2	0	0	0	2
1800	84	0	0	2	180	0	0	2	0	2	0	2	330	0	290	23	0	2	0	0	258	0	234	282	0	2	0	0	0	2	0	0	0	2
1900	138	0	0	2	155	0	0	2	0	2	0	2	358	0	320	24	0	2	0	0	244	0	219	275	0	2	0	0	0	2	0	0	0	2
2000	148	0	0	2	200	0	0	2	0	2	0	2	354	0	316	54	0	2	0	0	260	0	236	290	0	2	0	0	0	2	0	0	0	2
2100	159	0	0	2	184	0	0	2	0	2	0	2	0	0	299	37	0	2	0	0	273	0	239	303	0	2	0	0	0	2	0	0	0	2
2200	163	0	0	2	144	0	0	2	0	2	0	2	347	0	306	45	0	2	0	0	268	0	237	293	0	2	0	0	0	2	0	0	0	2
2300	161	0	0	2	88	0	0	2	0	2	0	2	9	0	306	53	0	2	0	0	9	0	326	45	0	2	0	0	0	2	0	0	0	2
2400	130	0	0	2	96	0	0	2	0	2	0	2	23	0	318	72	0	2	0	0	347	0	298	23	0	2	0	0	0	2	0	0	0	2

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	424	0	0	2	0	2	0	2	0	2	0	2	1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	421	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	452	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	462	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	448	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	472	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	452	0	0	2	0	2	0	2	0	2	0	2	7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	452	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	475	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	533	0	0	2	0	2	0	2	0	2	0	2	-18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	577	0	0	2	0	2	0	2	0	2	0	2	-16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	462	0	0	2	0	2	0	2	0	2	0	2	46	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	475	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	462	0	0	2	0	2	0	2	0	2	0	2	9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	455	0	0	2	0	2	0	2	0	2	0	2	33	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	397	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	377	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	373	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	350	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	346	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	333	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	329	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	322	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	316	0	0	2	0	2	0	2	0	2	0	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

ST[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION. TEMPERATURE 1 DEGREES, SPEED 1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK METEOROLOGICAL DATA FOR MARCH 30, 1987

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	136	0	0	2	109	0	0	2	0	2	0	2	0	0	313	62	0	2	0	0	332	0	307	350	0	2	0	0	0	2	0	0	0	2
200	136	0	0	2	165	0	0	2	0	2	0	2	9	0	316	62	0	2	0	0	350	0	318	8	0	2	0	0	0	2	0	0	0	2
300	155	0	0	2	205	0	0	2	0	2	0	2	6	0	316	62	0	2	0	0	352	0	314	27	0	2	0	0	0	2	0	0	0	2
400	115	0	0	2	161	0	0	2	0	2	0	2	3	0	311	52	0	2	0	0	356	0	311	29	0	2	0	0	0	2	0	0	0	2
500	134	0	0	2	200	0	0	2	0	2	0	2	8	0	315	59	0	2	0	0	348	0	320	23	0	2	0	0	0	2	0	0	0	2
600	134	0	0	2	223	0	0	2	0	2	0	2	345	0	308	48	0	2	0	0	350	0	305	28	0	2	0	0	0	2	0	0	0	2
700	163	0	0	2	221	0	0	2	0	2	0	2	3	0	314	43	0	2	0	0	343	0	306	21	0	2	0	0	0	2	0	0	0	2
800	150	0	0	2	213	0	0	2	0	2	0	2	356	0	318	41	0	2	0	0	345	0	311	17	0	2	0	0	0	2	0	0	0	2
900	150	0	0	2	196	0	0	2	0	2	0	2	353	0	314	30	0	2	0	0	345	0	316	17	0	2	0	0	0	2	0	0	0	2
1000	146	0	0	2	196	0	0	2	0	2	0	2	357	0	320	32	0	2	0	0	344	0	304	21	0	2	0	0	0	2	0	0	0	2
1100	138	0	0	2	211	0	0	2	0	2	0	2	358	0	317	28	0	2	0	0	342	0	313	26	0	2	0	0	0	2	0	0	0	2
1200	138	0	0	2	205	0	0	2	0	2	0	2	353	0	306	41	0	2	0	0	347	0	303	16	0	2	0	0	0	2	0	0	0	2
1300	119	0	0	2	190	0	0	2	0	2	0	2	354	0	317	52	0	2	0	0	342	0	314	15	0	2	0	0	0	2	0	0	0	2
1400	134	0	0	2	165	0	0	2	0	2	0	2	359	0	304	48	0	2	0	0	338	0	304	15	0	2	0	0	0	2	0	0	0	2
1500	132	0	0	2	165	0	0	2	0	2	0	2	2	0	312	48	0	2	0	0	339	0	302	17	0	2	0	0	0	2	0	0	0	2
1600	119	0	0	2	192	0	0	2	0	2	0	2	1	0	316	46	0	2	0	0	348	0	317	11	0	2	0	0	0	2	0	0	0	2
1700	117	0	0	2	192	0	0	2	0	2	0	2	10	0	332	62	0	2	0	0	341	0	309	7	0	2	0	0	0	2	0	0	0	2
1800	121	0	0	2	190	0	0	2	0	2	0	2	14	0	318	63	0	2	0	0	1	0	323	19	0	2	0	0	0	2	0	0	0	2
1900	134	0	0	2	200	0	0	2	0	2	0	2	10	0	322	62	0	2	0	0	344	0	313	7	0	2	0	0	0	2	0	0	0	2
2000	134	0	0	2	215	0	0	2	0	2	0	2	23	0	324	60	0	2	0	0	342	0	313	8	0	2	0	0	0	2	0	0	0	2
2100	157	0	0	2	190	0	0	2	0	2	0	2	12	0	318	50	0	2	0	0	352	0	314	19	0	2	0	0	0	2	0	0	0	2
2200	142	0	0	2	211	0	0	2	0	2	0	2	9	0	336	56	0	2	0	0	347	0	317	12	0	2	0	0	0	2	0	0	0	2
2300	142	0	0	2	196	0	0	2	0	2	0	2	6	0	321	41	0	2	0	0	347	0	309	11	0	2	0	0	0	2	0	0	0	2
2400	140	0	0	2	161	0	0	2	0	2	0	2	24	0	325	60	0	2	0	0	352	0	306	35	0	2	0	0	0	2	0	0	0	2

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	302	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	319	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	282	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	278	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	278	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	265	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	261	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	268	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	268	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	292	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	288	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	288	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	285	0	0	2	0	2	0	2	0	2	0	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	282	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	282	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	278	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	275	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	265	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	271	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	271	0	0	2	0	2	0	2	0	2	0	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	275	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	271	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	271	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	278	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	142	0	0	2	213	0	0	2	0	2	0	2	5	0	330	54	0	2	0	0	357	0	316	39	0	2	0	0	0	2	0	0	0	2
200	148	0	0	2	205	0	0	2	0	2	0	2	3	0	312	56	0	2	0	0	349	0	308	37	0	2	0	0	0	2	0	0	0	2
300	148	0	0	2	190	0	0	2	0	2	0	2	349	0	314	46	0	2	0	0	341	0	307	32	0	2	0	0	0	2	0	0	0	2
400	90	0	0	2	192	0	0	2	0	2	0	2	18	0	323	64	0	2	0	0	353	0	308	34	0	2	0	0	0	2	0	0	0	2
500	152	0	0	2	180	0	0	2	0	2	0	2	62	0	20	114	0	2	0	0	351	0	309	28	0	2	0	0	0	2	0	0	0	2
600	144	0	0	2	173	0	0	2	0	2	0	2	9	0	313	61	0	2	0	0	0	0	313	32	0	2	0	0	0	2	0	0	0	2
700	161	0	0	2	177	0	0	2	0	2	0	2	352	0	307	50	0	2	0	0	350	0	305	25	0	2	0	0	0	2	0	0	0	2
800	180	0	0	2	196	0	0	2	0	2	0	2	352	0	289	48	0	2	0	0	354	0	314	21	0	2	0	0	0	2	0	0	0	2
900	177	0	0	2	186	0	0	2	0	2	0	2	344	0	304	35	0	2	0	0	357	0	304	16	0	2	0	0	0	2	0	0	0	2
1000	177	0	0	2	198	0	0	2	0	2	0	2	2	0	298	37	0	2	0	0	353	0	315	26	0	2	0	0	0	2	0	0	0	2
1100	142	0	0	2	232	0	0	2	0	2	0	2	336	0	290	28	0	2	0	0	3	0	315	29	0	2	0	0	0	2	0	0	0	2
1200	142	0	0	2	207	0	0	2	0	2	0	2	334	0	289	8	0	2	0	0	351	0	305	26	0	2	0	0	0	2	0	0	0	2
1300	165	0	0	2	188	0	0	2	0	2	0	2	317	0	275	348	0	2	0	0	356	0	316	32	0	2	0	0	0	2	0	0	0	2
1400	130	0	156	0	221	0	194	0	0	0	0	0	309	0	268	347	308	0	356	275	347	0	314	26	309	0	3	287	0	0	0	0	0	0
1500	87	0	112	0	126	0	142	0	0	0	0	0	311	0	356	245	308	0	351	202	303	0	326	280	310	0	331	287	0	0	0	0	0	0
1600	78	0	99	0	100	0	116	0	0	0	0	0	330	0	16	272	327	0	11	274	317	0	346	282	325	0	358	292	0	0	0	0	0	0
1700	54	0	76	0	74	0	89	0	0	0	0	0	330	0	19	271	328	0	17	275	327	0	1	283	333	0	10	292	0	0	0	0	0	0
1800	24	0	47	0	34	0	49	0	0	0	0	0	334	3	46	272	331	0	36	272	323	0	9	271	331	0	15	273	0	0	0	0	0	0
1900	15	0	33	0	20	0	35	0	0	0	0	0	352	3	14	316	346	0	12	314	328	0	346	290	335	0	352	300	0	0	0	0	0	0
2000	9	0	32	0	10	0	26	0	0	0	0	0	147	0	190	120	149	0	187	125	128	5	148	100	141	0	159	117	0	0	0	0	0	0
2100	29	0	54	0	74	0	90	0	0	0	0	0	151	0	193	120	154	0	201	124	145	0	148	136	157	0	160	154	0	0	0	0	0	0
2200	29	0	51	0	102	0	114	0	0	0	0	0	165	0	232	124	167	0	212	129	165	0	170	155	177	0	183	167	0	0	0	0	0	0
2300	36	0	59	0	126	0	124	0	0	0	0	0	173	0	226	119	178	0	255	128	169	0	179	156	180	0	192	169	0	0	0	0	0	0
2400	41	0	61	0	126	0	126	0	0	0	0	0	183	0	254	107	186	0	248	139	170	0	181	155	180	0	194	159	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	268	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	268	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	231	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	217	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	234	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	234	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	254	0	0	2	0	2	0	2	0	2	0	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	254	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	254	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	254	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	282	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	278	0	0	2	0	2	0	2	0	2	0	2	-13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	271	0	0	2	0	2	0	2	0	2	0	2	-14	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	278	0	285	0	267	0	260	0	320	2	320	2	-14	0	-23	0	0	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
1500	296	0	301	0	278	0	270	0	320	2	320	2	-18	0	-32	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
1600	288	0	297	0	285	0	278	0	320	2	320	2	-2	0	-18	0	0	2	0	2	301	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
1700	294	0	301	0	288	0	281	0	320	2	320	2	-5	0	-20	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
1800	292	0	297	0	290	0	283	0	320	2	320	2	2	0	-14	0	0	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1900	274	0	283	0	267	0	263	0	320	2	320	2	-7	0	-16	0	0	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2000	252	0	260	0	249	0	249	0	320	2	320	2	-2	0	-9	0	0	2	0	2	283	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2100	254	0	261	0	272	0	267	0	320	2	320	2	18	0	5	0	0	2	0	2	281	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2200	254	0	260	0	278	0	274	0	320	2	320	2	25	0	13	0	0	2	0	2	281	0	0	2	0	2	0	2	0	2	0	2	0	2	118	6
2300	254	0	260	0	281	0	278	0	320	2	320	2	29	0	16	0	0	2	0	2	283	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2400	251	0	258	0	270	0	267	0	320	2	320	2	20	0	7	0	0	2	0	2	281	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REP[illegible]G RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ON 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	53	0	68	0	135	0	142	0	0	0	0	0	195	0	228	158	199	0	252	140	186	0	202	169	196	0	209	181	0	0	0	0	0	0
200	89	0	99	0	160	0	151	0	0	0	0	0	219	0	259	161	218	0	264	163	198	0	225	177	209	0	231	183	0	0	0	0	0	0
300	104	0	111	0	167	0	156	0	0	0	0	0	216	0	261	176	218	0	269	94	196	0	223	159	206	0	231	181	0	0	0	0	0	0
400	114	0	119	0	182	0	173	0	0	0	0	0	218	0	254	148	221	0	269	157	195	0	224	155	206	0	226	168	0	0	0	0	0	0
500	117	0	136	0	226	0	210	0	0	0	0	0	178	0	236	127	183	0	264	111	168	0	189	144	181	0	210	154	0	0	0	0	0	0
600	68	0	84	0	146	0	139	0	0	0	0	0	199	0	268	131	202	0	269	124	182	0	214	147	194	0	243	155	0	0	0	0	0	0
700	120	0	124	0	182	0	175	0	0	0	0	0	218	0	264	145	218	0	265	150	196	0	218	165	207	0	242	180	0	0	0	0	0	0
800	99	0	107	0	156	0	152	0	0	0	0	0	224	0	264	142	226	0	286	186	201	0	247	169	212	0	248	182	0	0	0	0	0	0
900	116	0	119	0	177	0	172	0	0	0	0	0	227	0	282	188	228	0	291	186	203	0	233	176	215	0	253	188	0	0	0	0	0	0
1000	111	0	117	0	169	0	161	0	0	0	0	0	234	0	294	184	234	0	281	188	213	0	248	190	223	0	249	197	0	0	0	0	0	0
1100	124	0	121	0	177	0	167	0	0	0	0	0	239	0	276	206	240	0	282	194	212	0	236	175	222	0	243	200	0	0	0	0	0	0
1200	136	0	142	0	217	0	209	0	0	0	0	0	245	0	278	220	242	0	274	210	224	0	234	208	234	0	240	213	0	0	0	0	0	0
1300	126	0	129	0	194	0	201	0	0	0	0	0	247	0	280	225	247	0	291	209	231	0	244	223	240	0	252	208	0	0	0	0	0	0
1400	74	0	79	0	125	0	121	0	0	0	0	0	231	0	271	186	233	0	267	193	212	0	233	181	222	0	247	187	0	0	0	0	0	0
1500	188	0	189	0	280	0	284	0	0	0	0	0	251	0	287	206	251	0	279	226	232	0	255	203	241	0	264	205	0	0	0	0	0	0
1600	79	0	104	0	121	0	148	0	0	0	0	0	263	0	294	230	261	0	290	232	253	0	259	244	262	0	273	240	0	0	0	0	0	0
1700	227	0	255	0	264	0	292	0	0	0	0	0	281	0	328	245	278	0	328	238	264	0	302	236	272	0	306	219.	0	0	0	0	0	0
1800	162	0	185	0	227	0	249	0	0	0	0	0	300	0	333	271	299	0	322	267	288	0	294	278	296	0	337	287	0	0	0	0	0	0
1900	165	0	190	0	220	0	233	0	0	0	0	0	308	0	332	269	304	0	326	269	293	0	303	271	300	0	309	287	0	0	0	0	0	0
2000	225	0	249	0	291	0	297	0	0	0	0	0	310	0	340	283	306	0	331	282	298	0	305	291	303	0	311	296	0	0	0	0	0	0
2100	231	0	256	0	319	0	333	0	0	0	0	0	305	0	340	267	301	0	334	265	292	0	302	264	298	0	305	291	0	0	0	0	0	0
2200	264	0	291	0	353	0	369	0	0	0	0	0	306	0	335	276	301	0	326	276	292	0	302	281	298	0	307	289	0	0	0	0	0	0
2300	262	0	287	0	346	0	354	0	0	0	0	0	307	0	331	263	304	0	329	275	295	0	305	290	301	0	311	292	0	0	0	0	0	0
2400	236	0	253	0	321	0	338	0	0	0	0	0	304	0	329	277	299	0	327	273	292	0	302	278	298	0	305	288	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	260	0	265	0	290	0	285	0	320	2	320	2	32	0	20	0	0	2	0	2	285	0	0	2	0	2	0	2	0	2	0	2	0	2	117	6
200	308	0	315	0	322	0	314	0	320	2	320	2	9	0	-4	0	0	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
300	329	0	336	0	329	0	325	0	320	2	320	2	2	0	-11	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
400	338	0	343	0	338	0	333	0	320	2	320	2	2	0	-11	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
500	310	0	317	0	314	0	308	0	320	2	320	2	4	0	-9	0	0	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	117	6
600	322	0	329	0	324	0	322	0	320	2	320	2	2	0	-11	0	0	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
700	356	0	363	0	360	0	354	0	320	2	320	2	4	0	-9	0	0	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
800	369	0	376	0	369	0	363	0	320	2	320	2	0	0	-11	0	0	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
900	397	0	403	0	388	0	383	0	320	2	320	2	-9	0	-20	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	119	6
1000	412	0	415	0	399	0	396	0	320	2	320	2	-9	0	-22	0	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1100	428	0	433	0	417	0	414	0	320	2	320	2	-9	0	-20	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1200	428	0	433	0	433	0	426	0	320	2	320	2	5	0	-7	0	0	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1300	421	0	426	0	428	0	423	0	320	2	320	2	9	0	-4	0	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1400	435	0	442	0	428	0	424	0	320	2	320	2	-5	0	-16	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	119	6
1500	441	0	446	0	450	0	444	0	320	2	320	2	11	0	2	0	0	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	385	0	390	0	390	0	381	0	320	2	320	2	4	0	-9	0	0	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
1700	394	0	401	0	388	0	383	0	320	2	320	2	-4	0	-14	0	0	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	123	0
1800	367	0	374	0	367	0	361	0	320	2	320	2	0	0	-13	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	367	0	374	0	365	0	361	0	320	2	320	2	2	0	-13	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	358	0	363	0	352	0	349	0	320	2	320	2	-4	0	-14	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	345	0	351	0	342	0	336	0	320	2	320	2	-2	0	-14	0	0	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2200	336	0	342	0	331	0	325	0	320	2	320	2	-4	0	-16	0	0	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
2300	327	0	331	0	322	0	315	0	320	2	320	2	-5	0	-16	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	327	0	331	0	322	0	315	0	320	2	320	2	-4	0	-16	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK — METEOROLOGICAL DATA FOR APRIL 2, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	266	0	291	0	344	0	357	0	0	0	0	0	308	0	329	283	305	0	327	272	295	0	304	290	300	0	310	292	0	0	0	0	0	0
200	245	0	270	0	328	0	330	0	0	0	0	0	312	0	337	284	309	0	341	276	301	0	314	290	307	0	319	294	0	0	0	0	0	0
300	247	0	273	0	341	0	345	0	0	0	0	0	313	0	341	261	308	0	330	258	302	0	313	290	307	0	318	294	0	0	0	0	0	0
400	251	0	277	0	322	0	322	0	0	0	0	0	309	0	333	283	306	0	327	284	296	0	304	281	303	0	316	293	0	0	0	0	0	0
500	254	0	271	0	332	0	344	0	0	0	0	0	304	0	333	279	302	0	326	265	294	0	313	279	300	0	314	279	0	0	0	0	0	0
600	256	0	281	0	333	0	338	0	0	0	0	0	310	0	331	269	307	0	326	272	297	0	305	281	303	0	313	294	0	0	0	0	0	0
700	240	0	262	0	307	0	311	0	0	0	0	0	312	0	345	282	308	0	338	287	299	0	316	281	305	0	327	294	0	0	0	0	0	0
800	245	0	267	0	314	0	319	0	0	0	0	0	312	0	346	279	306	0	332	273	298	0	312	289	304	0	326	292	0	0	0	0	0	0
900	231	0	252	0	304	0	313	0	0	0	0	0	306	0	341	263	302	0	335	269	295	0	315	279	301	0	322	292	0	0	0	0	0	0
1000	228	0	225	0	290	0	290	0	0	0	0	0	305	0	338	274	303	0	349	276	294	0	305	280	303	0	331	286	0	0	0	0	0	0
1100	233	0	246	0	304	0	320	0	0	0	0	0	303	0	329	276	300	0	323	260	292	0	302	281	297	0	308	290	0	0	0	0	0	0
1200	231	0	254	0	310	0	330	0	0	0	0	0	304	0	329	276	300	0	324	261	292	0	305	279	298	0	306	292	0	0	0	0	0	0
1300	232	0	236	0	297	0	307	0	0	0	0	0	303	0	329	272	298	0	325	259	293	0	305	281	299	0	330	285	0	0	0	0	0	0
1400	228	0	250	0	294	0	296	0	0	0	0	0	309	0	332	276	306	0	326	276	298	0	304	290	304	0	322	294	0	0	0	0	0	0
1500	205	0	206	0	254	0	259	0	0	0	0	0	313	0	339	278	308	0	339	277	303	0	316	292	310	0	333	298	0	0	0	0	0	0
1600	178	0	189	0	241	0	249	0	0	0	0	0	314	0	352	240	313	0	357	275	308	0	327	292	314	0	335	298	0	0	0	0	0	0
1700	140	0	163	0	204	0	217	0	0	0	0	0	320	0	1	281	319	0	8	272	310	0	332	279	319	0	342	301	0	0	0	0	0	0
1800	114	0	144	0	167	0	190	0	0	0	0	0	340	0	25	297	334	0	12	299	319	0	347	280	326	0	342	307	0	0	0	0	0	0
1900	115	0	132	0	163	0	173	0	0	0	0	0	348	0	42	318	345	0	36	306	333	0	1	305	340	0	8	316	0	0	0	0	0	0
2000	102	0	127	0	153	0	170	0	0	0	0	0	332	0	16	279	329	0	34	280	317	0	336	284	323	0	352	294	0	0	0	0	0	0
2100	92	0	112	0	126	0	145	0	0	0	0	0	319	0	23	276	315	0	38	275	306	0	336	281	312	0	339	287	0	0	0	0	0	0
2200	78	0	103	0	104	0	114	0	0	0	0	0	312	0	341	290	308	0	338	280	298	0	313	290	304	0	321	294	0	0	0	0	0	0
2300	74	0	94	0	97	0	114	0	0	0	0	0	305	0	339	265	303	0	331	275	289	0	303	278	296	0	309	283	0	0	0	0	0	0
2400	72	0	95	0	99	0	115	0	0	0	0	0	319	0	9	276	316	0	10	272	305	0	329	279	311	0	342	294	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB TEMP6	S	D. T. 1	S	D. T. 2 180A	S	D. T. 3 180B	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	322	0	327	0	315	0	310	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	.127	6
200	308	0	315	0	303	0	297	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
300	305	0	312	0	299	0	294	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
400	301	0	306	0	296	0	290	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
500	299	0	305	0	294	0	288	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
600	292	0	299	0	288	0	283	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
700	290	0	296	0	285	0	281	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
800	285	0	290	0	279	0	276	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
900	288	0	294	0	283	0	279	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1000	283	0	287	0	276	0	274	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	292	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1100	279	0	285	0	270	0	265	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1200	281	0	287	0	272	0	267	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1300	279	0	283	0	270	0	267	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1400	283	0	288	0	278	0	272	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1500	290	0	294	0	283	0	279	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	301	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1600	292	0	296	0	285	0	283	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1700	296	0	301	0	290	0	288	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	287	0	292	0	283	0	278	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1900	292	0	297	0	287	0	283	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2000	297	0	305	0	294	0	290	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
2100	292	0	297	0	290	0	287	0	320	2	320	2	-13	0	0	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	290	0	297	0	287	0	283	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	292	0	297	0	290	0	287	0	320	2	320	2	-13	0	2	0	2	2	0	2	301	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	290	0	296	0	288	0	283	0	320	2	320	2	-13	0	0	0	0	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0

STA[illegible]ODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]LID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REP[illegible] RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DI[illegible]ON 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED — AEP COOK

HOUR	WIND SPD2 30 A	S	WIND SPD3 30 B	S	WIND SPD4 150A	S	WIND SPD5 150B	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	40	0	64	0	37	0	75	0	0	0	0	0	301	0	333	256	298	0	321	261	286	0	304	267	293	0	306	277	0	0	0	0	0	0
200	41	0	63	0	59	0	76	0	0	0	0	0	278	0	329	240	276	0	320	232	263	0	294	226	272	0	317	236	0	0	0	0	0	0
300	33	0	35	0	31	0	44	0	0	0	0	0	19	0	115	273	15	0	98	275	332	0	79	270	339	0	85	273	0	0	0	0	0	0
400	28	0	47	0	53	0	67	0	0	0	0	0	102	3	123	76	104	0	134	87	98	0	111	78	112	0	120	87	0	0	0	0	0	0
500	34	0	72	0	97	0	110	0	0	0	0	0	111	0	129	85	114	0	143	87	86	0	103	68	101	0	120	81	0	0	0	0	0	0
600	67	0	85	0	110	0	121	0	0	0	0	0	109	0	136	83	113	0	135	87	85	0	92	79	99	0	109	87	0	0	0	0	0	0
700	33	0	53	0	66	0	78	0	0	0	0	0	129	0	149	114	134	0	158	118	108	0	122	99	123	0	152	115	0	0	0	0	0	0
800	17	0	44	0	34	0	50	0	0	0	0	0	135	0	162	111	139	0	164	111	113	0	125	89	128	0	148	106	0	0	0	0	0	0
900	37	0	61	0	48	0	64	0	0	0	0	0	123	0	162	74	127	0	164	92	103	0	133	77	118	0	143	87	0	0	0	0	0	0
1000	24	0	50	0	44	0	62	0	0	0	0	0	121	0	175	58	125	0	178	51	112	0	136	64	126	0	167	64	0	0	0	0	0	0
1100	27	0	43	0	39	0	54	0	0	0	0	0	103	3	173	38	106	0	178	39	79	0	144	8	97	0	179	9	0	0	0	0	0	0
1200	40	0	60	0	61	0	74	0	0	0	0	0	348	0	36	284	347	0	57	287	335	0	0	281	344	0	19	313	0	0	0	0	0	0
1300	57	0	74	0	92	0	102	0	0	0	0	0	354	0	72	271	349	0	63	278	338	0	31	285	346	0	31	299	0	0	0	0	0	0
1400	62	0	80	0	94	0	106	0	0	0	0	0	352	0	91	295	346	0	76	293	333	0	32	278	342	0	48	287	0	0	0	0	0	0
1500	80	0	100	0	100	0	112	0	0	0	0	0	338	0	49	292	339	0	134	297	333	0	9	296	341	0	17	305	0	0	0	0	0	0
1600	60	0	84	0	92	0	104	0	0	0	0	0	344	0	50	275	345	0	49	301	334	0	21	270	343	0	60	272	0	0	0	0	0	0
1700	52	0	73	0	71	0	85	0	0	0	0	0	15	0	70	274	14	0	69	273	349	0	46	292	358	0	48	295	0	0	0	0	0	0
1800	82	0	106	0	110	0	124	0	0	0	0	0	33	0	94	339	31	0	78	336	5	0	42	327	15	0	52	334	0	0	0	0	0	0
1900	81	0	103	0	123	0	137	0	0	0	0	0	25	0	76	340	26	0	85	338	354	0	21	324	5	0	32	334	0	0	0	0	0	0
2000	75	0	95	0	103	0	113	0	0	0	0	0	31	0	53	1	28	0	60	1	1	0	24	334	13	0	34	337	0	0	0	0	0	0
2100	69	0	90	0	102	0	114	0	0	0	0	0	35	0	68	5	35	0	78	351	11	0	44	346	22	0	46	349	0	0	0	0	0	0
2200	62	0	85	0	92	0	105	0	0	0	0	0	37	0	70	8	38	0	68	355	12	0	35	351	25	0	50	3	0	0	0	0	0	0
2300	80	0	101	0	109	0	123	0	0	0	0	0	33	0	76	354	31	0	80	350	3	0	32	336	16	0	37	350	0	0	0	0	0	0
2400	52	0	81	0	80	0	108	0	0	0	0	0	68	0	91	45	69	0	96	46	42	0	66	31	57	0	77	44	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D.T 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	283	0	290	0	281	0	278	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
200	283	0	290	0	283	0	279	0	320	2	320	2	-11	0	2	0	2	2	0	2	297	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
300	269	0	274	0	278	0	276	0	320	2	320	2	2	0	11	0	11	2	0	2	290	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
400	225	0	231	0	240	0	236	0	320	2	320	2	5	0	16	0	16	2	0	2	270	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
500	229	0	234	0	236	0	233	0	320	2	320	2	-4	0	9	0	9	2	0	2	272	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
600	229	0	233	0	234	0	231	0	320	2	320	2	-4	0	7	0	7	2	0	2	272	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
700	236	0	243	0	240	0	236	0	320	2	320	2	-7	0	4	0	4	2	0	2	274	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
800	254	0	261	0	251	0	245	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
900	283	0	288	0	276	0	270	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1000	306	0	314	0	294	0	288	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1100	336	0	345	0	325	0	322	0	320	2	320	2	-27	0	-11	0	-11	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1200	324	0	333	0	329	0	320	0	320	2	320	2	-13	0	7	0	7	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	334	0	343	0	329	0	320	0	320	2	320	2	-23	0	-5	0	-5	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1400	331	0	338	0	329	0	322	0	320	2	320	2	-18	0	0	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1500	327	0	334	0	324	0	315	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	325	0	333	0	320	0	312	0	320	2	320	2	-20	0	-4	0	-4	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	329	0	338	0	329	0	324	0	320	2	320	2	-16	0	0	0	0	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	322	0	329	0	324	0	315	0	320	2	320	2	-13	0	2	0	2	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	310	0	315	0	305	0	301	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	308	0	314	0	299	0	297	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	306	0	312	0	299	0	296	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	308	0	314	0	299	0	297	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	317	0	324	0	310	0	306	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	297	0	303	0	301	0	297	0	320	2	320	2	-7	0	4	0	4	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	50	0	73	0	95	0	110	0	0	0	0	0	44	0	72	25	43	0	64	12	22	0	32	10	35	0	48	23	0	0	0	0	0	0
200	50	0	78	0	95	0	115	0	0	0	0	0	47	0	69	25	47	0	100	21	24	0	35	0	36	0	59	4	0	0	0	0	0	0
300	58	0	82	0	106	0	122	0	0	0	0	0	45	0	72	18	46	0	76	17	21	0	35	1	33	0	62	15	0	0	0	0	0	0
400	58	0	87	0	102	0	120	0	0	0	0	0	51	0	76	26	52	0	79	25	23	0	35	9	36	0	48	23	0	0	0	0	0	0
500	58	0	84	0	97	0	113	0	0	0	0	0	47	0	78	21	49	0	79	13	20	0	34	9	32	0	48	14	0	0	0	0	0	0
600	66	0	90	0	104	0	119	0	0	0	0	0	45	0	70	17	45	0	74	12	21	0	47	351	35	0	56	3	0	0	0	0	0	0
700	134	0	152	0	158	0	175	0	0	0	0	0	40	0	76	9	41	0	100	8	17	0	62	348	31	0	76	2	0	0	0	0	0	0
800	145	0	171	0	180	0	202	0	0	0	0	0	44	0	78	3	46	0	82	5	21	0	54	1	33	0	60	12	0	0	0	0	0	0
900	157	0	176	0	203	0	215	0	0	0	0	0	34	0	63	354	35	0	64	356	11	0	46	346	24	0	64	0	0	0	0	0	0	0
1000	169	0	188	0	213	0	226	0	0	0	0	0	27	0	61	344	27	0	68	343	3	0	31	327	13	0	46	345	0	0	0	0	0	0
1100	166	0	184	0	207	0	212	0	0	0	0	0	26	0	64	354	26	0	63	345	0	0	35	315	9	0	41	313	0	0	0	0	0	0
1200	160	0	181	0	227	0	244	0	0	0	0	0	22	0	63	324	21	0	63	343	350	0	32	312	0	0	35	315	0	0	0	0	0	0
1300	107	0	123	0	196	0	210	0	0	0	0	0	1	0	78	294	6	0	68	275	340	0	23	290	347	0	31	302	0	0	0	0	0	0
1400	146	0	160	0	242	0	253	0	0	0	0	0	350	0	169	280	347	0	54	279	337	0	24	288	345	0	26	301	0	0	0	0	0	0
1500	183	0	205	0	283	0	291	0	0	0	0	0	350	0	86	300	347	0	70	286	337	0	10	273	345	0	38	317	0	0	0	0	0	0
1600	180	0	191	0	272	0	283	0	0	0	0	0	345	0	57	291	343	0	74	288	337	0	24	304	345	0	23	310	0	0	0	0	0	0
1700	122	0	141	0	237	0	246	0	0	0	0	0	359	0	76	276	356	0	104	276	338	0	24	281	345	0	30	305	0	0	0	0	0	0
1800	118	0	137	0	210	0	229	0	0	0	0	0	22	0	81	341	19	0	108	323	343	0	14	303	352	0	30	304	0	0	0	0	0	0
1900	119	0	147	0	222	0	238	0	0	0	0	0	19	0	76	334	13	0	89	315	339	0	21	290	347	0	33	299	0	0	0	0	0	0
2000	158	0	176	0	258	0	270	0	0	0	0	0	20	0	74	326	19	0	60	326	346	0	11	305	355	0	25	298	0	0	0	0	0	0
2100	181	0	198	0	268	0	279	0	0	0	0	0	25	0	67	327	23	0	60	331	353	0	11	327	3	0	30	330	0	0	0	0	0	0
2200	152	0	176	0	229	0	236	0	0	0	0	0	23	0	67	339	24	0	62	344	354	0	21	333	2	0	24	336	0	0	0	0	0	0
2300	160	0	182	0	233	0	240	0	0	0	0	0	26	0	67	343	24	0	74	348	356	0	23	323	5	0	29	338	0	0	0	0	0	0
2400	166	0	182	0	251	0	258	0	0	0	0	0	25	0	91	340	24	0	67	326	350	0	13	324	2	0	31	329	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	292	0	296	0	290	0	287	0	320	2	320	2	-11	0	0	0	0	2	0	2	301	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
200	287	0	292	0	285	0	281	0	320	2	320	2	-11	0	2	0	2	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
300	288	0	294	0	287	0	281	0	320	2	320	2	-11	0	2	0	2	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
400	276	0	281	0	274	0	270	0	320	2	320	2	-11	0	0	0	0	2	0	2	294	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
500	279	0	285	0	276	0	272	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	296	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
600	279	0	283	0	274	0	270	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	294	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
700	297	0	305	0	292	0	288	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	305	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
800	308	0	315	0	306	0	301	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
900	314	0	320	0	315	0	310	0	320	2	320	2	-11	0	4	0	4	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1000	322	0	329	0	327	0	322	0	320	2	320	2	-11	0	5	0	5	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1100	333	0	340	0	334	0	327	0	320	2	320	2	-14	0	2	0	2	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1200	343	0	351	0	343	0	336	0	320	2	320	2	-14	0	2	0	2	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	361	0	369	0	351	0	343	0	320	2	320	2	-25	0	-9	0	-9	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1400	365	0	372	0	358	0	351	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1500	363	0	369	0	358	0	352	0	320	2	320	2	-18	0	-4	0	-4	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1600	361	0	369	0	358	0	351	0	320	2	320	2	-16	0	-2	0	-2	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1700	363	0	370	0	358	0	352	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	363	0	369	0	360	0	354	0	320	2	320	2	-16	0	-2	0	-2	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	358	0	363	0	354	0	349	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	363	0	369	0	358	0	354	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	376	0	383	0	372	0	369	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	369	0	374	0	363	0	360	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	376	0	381	0	374	0	369	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	374	0	379	0	370	0	367	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTED RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]

DIGITAL GRAPHICS INCORPORATED -- AEP COOK METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	161	0	182	0	250	0	255	0	0	0	0	0	27	0	62	352	27	0	68	351	358	0	33	336	9	0	38	340	0	0	0	0	0	0
200	164	0	180	0	227	0	240	0	0	0	0	0	27	0	72	342	25	0	62	345	358	0	24	333	8	0	38	345	0	0	0	0	0	0
300	153	0	172	0	219	0	224	0	0	0	0	0	28	0	61	346	26	0	59	347	1	0	40	335	12	0	37	346	0	0	0	0	0	0
400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	130	0	153	0	175	0	185	0	0	0	0	0	32	0	62	354	30	0	67	354	6	0	24	339	18	0	60	334	0	0	0	0	0	0
900	125	0	146	0	154	0	167	0	0	0	0	0	37	0	84	1	34	0	64	337	10	0	36	339	21	0	68	347	0	0	0	0	0	0
1000	95	0	116	0	133	0	145	0	0	0	0	0	27	0	69	333	28	0	67	345	2	0	24	327	13	0	44	330	0	0	0	0	0	0
1100	105	0	124	0	129	0	144	0	0	0	0	0	28	0	64	332	28	0	62	319	4	0	35	319	15	0	54	340	0	0	0	0	0	0
1200	109	0	132	0	138	0	155	0	0	0	0	0	40	0	92	1	40	0	85	4	20	0	54	349	32	0	67	0	0	0	0	0	0	0
1300	94	0	117	0	130	0	142	0	0	0	0	0	31	0	100	329	30	0	99	330	8	0	66	324	18	0	73	339	0	0	0	0	0	0
1400	141	0	158	0	171	0	183	0	0	0	0	0	30	0	58	347	29	0	67	345	5	0	24	334	15	0	40	328	0	0	0	0	0	0
1500	107	0	126	0	149	0	161	0	0	0	0	0	25	0	53	355	23	0	57	338	0	0	31	314	9	0	45	322	0	0	0	0	0	0
1600	82	0	98	0	146	0	165	0	0	0	0	0	10	0	80	321	7	0	91	315	348	0	31	300	355	0	31	303	0	0	0	0	0	0
1700	113	0	131	0	158	0	167	0	0	0	0	0	24	0	54	357	24	0	59	350	359	0	30	335	9	0	40	340	0	0	0	0	0	0
1800	89	0	108	0	126	0	140	0	0	0	0	0	32	0	59	11	31	0	79	1	15	0	42	350	27	0	57	4	0	0	0	0	0	0
1900	65	0	89	0	86	0	108	0	0	0	0	0	47	0	78	19	48	0	97	11	23	0	54	346	36	0	69	346	0	0	0	0	0	0
2000	80	0	102	0	112	0	129	0	0	0	0	0	40	0	71	13	39	0	65	0	18	0	44	350	31	0	55	2	0	0	0	0	0	0
2100	67	0	92	0	129	0	143	0	0	0	0	0	20	0	82	329	22	0	85	318	354	0	34	316	7	0	76	323	0	0	0	0	0	0
2200	87	0	108	0	123	0	137	0	0	0	0	0	34	0	67	5	34	0	69	2	14	0	35	358	27	0	48	359	0	0	0	0	0	0
2300	113	0	134	0	147	0	156	0	0	0	0	0	34	0	75	1	34	0	70	1	13	0	32	334	26	0	52	0	0	0	0	0	0	0
2400	98	0	118	0	135	0	145	0	0	0	0	0	29	0	53	351	29	0	62	2	6	0	24	334	18	0	46	344	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	376	0	383	0	374	0	369	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
200	376	0	381	0	374	0	369	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
300	372	0	378	0	370	0	365	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	379	0	387	0	379	0	374	0	320	2	320	2	-13	0	2	0	2	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
900	379	0	385	0	379	0	374	0	320	2	320	2	-13	0	2	0	2	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1000	397	0	405	0	399	0	390	0	320	2	320	2	-14	0	4	0	4	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1100	424	0	433	0	433	0	424	0	320	2	320	2	-9	0	11	0	11	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1200	432	0	437	0	432	0	426	0	320	2	320	2	-11	0	4	0	4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	451	0	460	0	462	0	453	0	320	2	320	2	-9	0	11	0	11	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1400	439	0	441	0	437	0	430	0	320	2	320	2	-11	0	4	0	4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1500	423	0	430	0	428	0	421	0	320	2	320	2	-9	0	7	0	7	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1600	408	0	415	0	408	0	401	0	320	2	320	2	-14	0	0	0	0	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1700	406	0	412	0	408	0	401	0	320	2	320	2	-11	0	4	0	4	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	406	0	414	0	408	0	403	0	320	2	320	2	-11	0	2	0	2	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	441	0	446	0	437	0	433	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	428	0	432	0	423	0	419	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	414	0	419	0	415	0	408	0	320	2	320	2	-13	0	4	0	4	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	419	0	424	0	415	0	412	0	320	2	320	2	-13	0	2	0	2	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	414	0	419	0	414	0	408	0	320	2	320	2	-13	0	0	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2400	405	0	412	0	405	0	399	0	320	2	320	2	-13	0	2	0	2	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	90	0	109	0	118	0	130	0	0	0	0	0	31	0	53	9	31	0	59	2	14	0	31	357	28	0	55	7	0	0	0	0	0	0
200	72	0	92	0	104	0	117	0	0	0	0	0	26	0	53	2	27	0	52	0	9	0	32	349	21	0	38	3	0	0	0	0	0	0
300	90	0	111	0	126	0	138	0	0	0	0	0	35	0	64	10	35	0	75	8	9	0	34	327	20	0	37	322	0	0	0	0	0	0
400	79	0	97	0	128	0	141	0	0	0	0	0	26	0	57	355	25	0	70	351	3	0	24	335	13	0	36	343	0	0	0	0	0	0
500	93	0	113	0	142	0	155	0	0	0	0	0	22	0	63	359	22	0	65	348	357	0	23	335	8	0	35	335	0	0	0	0	0	0
600	93	0	114	0	145	0	156	0	0	0	0	0	24	0	59	350	22	0	56	348	0	0	22	345	12	0	34	351	0	0	0	0	0	0
700	104	0	125	0	154	0	166	0	0	0	0	0	30	0	67	358	29	0	57	359	4	0	22	337	16	0	47	344	0	0	0	0	0	0
800	88	0	108	0	136	0	145	0	0	0	0	0	26	0	52	345	27	0	56	343	5	0	35	336	17	0	36	350	0	0	0	0	0	0
900	82	0	108	0	115	0	132	0	0	0	0	0	24	0	58	350	23	0	67	339	0	0	31	334	12	0	45	343	0	0	0	0	0	0
1000	90	0	112	0	124	0	137	0	0	0	0	0	23	0	82	332	22	0	57	303	354	0	17	301	4	0	40	334	0	0	0	0	0	0
1100	90	0	107	0	123	0	130	0	0	0	0	0	23	0	103	329	22	0	72	331	356	0	35	315	8	0	42	323	0	0	0	0	0	0
1200	93	0	112	0	130	0	142	0	0	0	0	0	22	0	53	339	23	0	63	343	356	0	44	328	8	0	46	339	0	0	0	0	0	0
1300	53	0	74	0	84	0	100	0	0	0	0	0	21	0	69	284	23	0	107	298	351	0	34	293	1	0	44	296	0	0	0	0	0	0
1400	79	0	102	0	119	0	134	0	0	0	0	0	350	0	45	290	347	0	73	276	347	0	44	305	357	0	24	326	0	0	0	0	0	0
1500	68	0	80	0	107	0	109	0	0	0	0	0	352	0	76	289	350	0	63	300	343	0	10	302	352	0	36	322	0	0	0	0	0	0
1600	67	0	87	0	105	0	118	0	0	0	0	0	353	0	42	300	349	0	33	289	349	0	13	314	357	0	24	324	0	0	0	0	0	0
1700	69	0	94	0	135	0	150	0	0	0	0	0	355	0	40	295	352	0	60	303	347	0	12	336	356	0	24	335	0	0	0	0	0	0
1800	65	0	82	0	110	0	123	0	0	0	0	0	347	0	53	296	341	0	51	301	344	0	11	326	353	0	25	329	0	0	0	0	0	0
1900	28	0	52	0	59	0	75	0	0	0	0	0	323	0	8	278	318	0	0	276	325	0	0	294	332	0	2	302	0	0	0	0	0	0
2000	10	0	31	0	24	0	41	0	0	0	0	0	287	0	325	260	284	0	317	190	321	0	1	283	330	0	24	291	0	0	0	0	0	0
2100	24	0	24	0	33	0	47	0	0	0	0	0	31	0	75	329	33	3	71	339	17	0	33	351	28	0	47	2	0	0	0	0	0	0
2200	17	0	17	0	39	0	53	0	0	0	0	0	75	0	105	27	76	3	107	35	68	0	78	57	81	0	88	73	0	0	0	0	0	0
2300	30	0	51	0	78	0	93	0	0	0	0	0	322	0	339	302	319	0	336	304	335	0	351	316	344	0	1	321	0	0	0	0	0	0
2400	39	0	80	0	123	0	133	0	0	0	0	0	14	0	47	329	12	0	52	323	4	0	18	347	16	0	28	355	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	414	0	421	0	414	0	410	0	320	2	320	2	-13	0	0	0	0	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
200	394	0	399	0	396	0	390	0	320	2	320	2	-9	0	4	0	4	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
300	408	0	414	0	410	0	405	0	320	2	320	2	-9	0	4	0	4	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
400	381	0	387	0	379	0	376	0	320	2	320	2	-13	0	0	0	0	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
500	383	0	388	0	385	0	379	0	320	2	320	2	-9	0	4	0	4	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
600	385	0	390	0	383	0	379	0	320	2	320	2	-11	0	0	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
700	387	0	390	0	383	0	379	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
800	397	0	405	0	399	0	394	0	320	2	320	2	-11	0	4	0	4	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
900	396	0	403	0	397	0	390	0	320	2	320	2	-13	0	2	0	2	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1000	405	0	412	0	414	0	405	0	320	2	320	2	-9	0	9	0	9	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1100	406	0	417	0	414	0	406	0	320	2	320	2	-11	0	7	0	7	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1200	392	0	401	0	394	0	388	0	320	2	320	2	-13	0	2	0	2	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1300	415	0	428	0	414	0	406	0	320	2	320	2	-22	0	2	0	2	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1400	408	0	415	0	410	0	403	0	320	2	320	2	-14	0	4	0	4	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1500	397	0	406	0	399	0	396	0	320	2	320	2	-14	0	2	0	2	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	394	0	401	0	394	0	388	0	320	2	320	2	-14	0	0	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	397	0	403	0	396	0	390	0	320	2	320	2	-14	0	0	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	392	0	399	0	390	0	385	0	320	2	320	2	-14	0	0	0	0	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	390	0	396	0	388	0	383	0	320	2	320	2	-14	0	2	0	2	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	379	0	387	0	383	0	379	0	320	2	320	2	-7	0	4	0	4	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	396	0	401	0	401	0	396	0	320	2	320	2	-4	0	7	0	7	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	401	0	406	0	435	0	432	0	320	2	320	2	25	0	36	0	36	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	379	0	387	0	419	0	419	0	320	2	320	2	32	0	41	0	41	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2400	437	0	444	0	471	0	468	0	320	2	320	2	23	0	34	0	34	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED 1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	85	0	103	0	138	0	167	0	0	0	0	0	27	0	60	346	25	0	66	287	8	0	25	356	19	0	36	7	0	0	0	0	0	0
200	88	0	106	0	163	0	169	0	0	0	0	0	30	0	66	5	27	0	54	0	5	0	22	350	18	0	34	359	0	0	0	0	0	0
300	69	0	92	0	138	0	147	0	0	0	0	0	20	0	55	349	18	0	52	339	3	0	23	351	14	0	31	2	0	0	0	0	0	0
400	82	0	99	0	124	0	133	0	0	0	0	0	32	0	54	9	30	0	57	8	11	0	25	0	23	0	40	9	0	0	0	0	0	0
500	73	0	90	0	122	0	131	0	0	0	0	0	27	0	51	359	26	0	54	355	9	0	25	346	19	0	36	351	0	0	0	0	0	0
600	61	0	80	0	101	0	112	0	0	0	0	0	36	0	65	9	35	0	63	6	14	0	25	351	24	0	40	355	0	0	0	0	0	0
700	50	0	70	0	100	0	109	0	0	0	0	0	37	0	67	10	34	0	54	12	17	0	37	1	30	0	52	8	0	0	0	0	0	0
800	49	0	66	0	65	0	77	0	0	0	0	0	40	0	64	19	40	0	65	2	21	0	47	349	34	0	65	8	0	0	0	0	0	0
900	13	0	26	0	28	0	39	0	0	0	0	0	61	3	179	3	61	3	152	2	53	3	102	13	60	0	166	7	0	0	0	0	0	0
1000	17	0	37	0	22	0	34	0	0	0	0	0	319	0	357	274	312	0	341	270	63	3	93	14	75	0	103	42	0	0	0	0	0	0
1100	75	0	80	0	101	0	102	0	0	0	0	0	345	0	40	293	340	0	33	308	344	0	17	308	351	0	35	316	0	0	0	0	0	0
1200	81	0	96	0	113	0	117	0	0	0	0	0	356	0	44	304	347	0	68	278	351	0	15	307	357	0	20	317	0	0	0	0	0	0
1300	88	0	100	0	123	0	124	0	0	0	0	0	346	0	25	303	339	0	30	277	341	0	26	308	348	0	24	308	0	0	0	0	0	0
1400	77	0	88	0	126	0	141	0	0	0	0	0	352	0	61	311	349	0	43	308	343	0	21	294	351	0	19	302	0	0	0	0	0	0
1500	72	0	92	0	96	0	108	0	0	0	0	0	332	0	21	286	326	0	18	289	330	0	0	281	337	0	12	297	0	0	0	0	0	0
1600	74	0	95	0	102	0	114	0	0	0	0	0	331	0	8	283	325	0	357	294	325	0	342	282	331	0	351	302	0	0	0	0	0	0
1700	68	0	88	0	100	0	112	0	0	0	0	0	338	0	13	290	332	0	18	298	332	0	2	286	339	0	15	302	0	0	0	0	0	0
1800	56	0	75	0	82	0	95	0	0	0	0	0	335	0	11	273	329	0	12	284	328	0	350	304	334	0	358	306	0	0	0	0	0	0
1900	49	0	68	0	99	0	110	0	0	0	0	0	349	0	41	299	342	0	32	294	345	0	16	318	352	0	21	328	0	0	0	0	0	0
2000	56	0	77	0	113	0	122	0	0	0	0	0	355	0	33	312	346	0	23	299	345	0	4	329	351	0	8	338	0	0	0	0	0	0
2100	49	0	71	0	88	0	102	0	0	0	0	0	343	0	9	302	338	0	7	306	332	0	350	323	340	0	356	328	0	0	0	0	0	0
2200	63	0	84	0	101	0	114	0	0	0	0	0	344	0	15	320	340	0	19	314	335	0	350	325	343	0	352	323	0	0	0	0	0	0
2300	53	0	77	0	102	0	118	0	0	0	0	0	350	0	30	313	347	0	31	290	343	0	13	312	353	0	15	334	0	0	0	0	0	0
2400	57	0	81	0	125	0	140	0	0	0	0	0	2	0	53	299	0	0	56	303	348	0	12	323	358	0	25	334	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	435	0	441	0	468	0	462	0	320	2	320	2	22	0	32	0	32	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
200	457	0	461	0	484	0	478	0	320	2	320	2	16	0	29	0	29	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
300	412	0	417	0	437	0	432	0	320	2	320	2	16	0	27	0	27	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
400	399	0	405	0	405	0	399	0	320	2	320	2	-5	0	5	0	5	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
500	392	0	397	0	394	0	390	0	320	2	320	2	-7	0	4	0	4	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
600	379	0	385	0	381	0	376	0	320	2	320	2	-9	0	2	0	2	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
700	396	0	403	0	408	0	403	0	320	2	320	2	0	0	13	0	13	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
800	417	0	426	0	423	0	417	0	320	2	320	2	-11	0	5	0	5	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
900	480	0	487	0	480	0	475	0	320	2	320	2	-14	0	2	0	2	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1000	462	0	468	0	520	0	511	0	320	2	320	2	41	0	58	0	58	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1100	417	0	424	0	419	0	410	0	320	2	320	2	-16	0	4	0	4	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1200	423	0	430	0	433	0	424	0	320	2	320	2	-7	0	13	0	13	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	421	0	426	0	426	0	419	0	320	2	320	2	-9	0	9	0	9	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1400	424	0	432	0	432	0	424	0	320	2	320	2	-9	0	9	0	9	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1500	417	0	424	0	423	0	414	0	320	2	320	2	-11	0	5	0	5	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	410	0	415	0	414	0	405	0	320	2	320	2	-11	0	5	0	5	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	412	0	417	0	410	0	403	0	320	2	320	2	-16	0	0	0	0	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	405	0	412	0	406	0	399	0	320	2	320	2	-13	0	2	0	2	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	399	0	405	0	399	0	394	0	320	2	320	2	-11	0	0	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	399	0	405	0	394	0	390	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2100	388	0	394	0	381	0	379	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2200	385	0	390	0	379	0	376	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2300	379	0	385	0	374	0	372	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2400	379	0	385	0	376	0	374	0	320	2	320	2	-13	0	2	0	2	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	86	0	105	0	152	0	165	0	0	0	0	0	20	0	49	346	19	0	67	343	359	0	13	333	10	0	26	352	0	0	0	0	0	0
200	85	0	111	0	135	0	160	0	0	0	0	0	51	0	77	26	52	0	85	29	27	0	36	11	40	0	53	21	0	0	0	0	0	0
300	57	0	79	0	92	0	115	0	0	0	0	0	49	0	73	32	49	0	69	30	27	0	49	2	39	0	50	11	0	0	0	0	0	0
400	60	0	7/	0	93	0	105	0	0	0	0	0	25	0	52	351	25	0	58	359	7	0	33	349	19	0	37	1	0	0	0	0	0	0
500	81	0	85	0	107	0	120	0	0	0	0	0	30	0	53	5	28	0	63	358	8	0	26	348	19	0	50	3	0	0	0	0	0	0
600	53	0	68	0	79	0	91	0	0	0	0	0	37	0	55	14	36	0	64	12	17	0	35	0	28	0	44	9	0	0	0	0	0	0
700	48	0	72	0	74	0	102	0	0	0	0	0	54	0	83	29	54	0	75	34	31	0	46	21	45	0	66	31	0	0	0	0	0	0
800	31	0	55	0	45	0	67	0	0	0	0	0	62	0	131	8	63	0	116	24	31	0	77	350	43	0	79	350	0	0	0	0	0	0
900	34	0	53	0	40	0	59	0	0	0	0	0	19	0	63	311	20	0	69	314	348	0	60	283	358	0	52	300	0	0	0	0	0	0
1000	49	0	72	0	74	0	88	0	0	0	0	0	12	0	76	286	12	0	91	272	344	0	34	290	357	0	92	307	0	0	0	0	0	0
1100	72	0	90	0	87	0	102	0	0	0	0	0	347	0	39	289	345	0	40	301	339	0	23	304	348	0	23	291	0	0	0	0	0	0
1200	59	0	78	0	77	0	94	0	0	0	0	0	342	0	40	277	341	0	48	275	335	0	45	292	344	0	36	304	0	0	0	0	0	0
1300	75	0	93	0	98	0	115	0	0	0	0	0	340	0	82	293	336	0	13	285	326	0	349	301	336	0	358	306	0	0	0	0	0	0
1400	91	0	112	0	115	0	130	0	0	0	0	0	338	0	13	294	335	0	18	304	327	0	349	305	335	0	356	320	0	0	0	0	0	0
1500	82	0	87	0	102	0	113	0	0	0	0	0	341	0	54	275	343	0	106	273	333	0	12	279	345	0	140	300	0	0	0	0	0	0
1600	85	0	105	0	115	0	131	0	0	0	0	0	351	0	52	271	347	0	41	297	338	0	12	294	349	0	25	298	0	0	0	0	0	0
1700	63	0	81	0	88	0	102	0	0	0	0	0	352	0	31	311	347	0	66	294	340	0	23	290	350	0	54	289	0	0	0	0	0	0
1800	47	0	66	0	59	0	75	0	0	0	0	0	28	0	90	321	31	0	105	319	358	0	48	305	9	0	59	334	0	0	0	0	0	0
1900	39	0	60	0	65	0	81	0	0	0	0	0	22	0	69	306	22	0	81	315	354	0	25	327	2	0	36	328	0	0	0	0	0	0
2000	26	0	45	0	32	0	49	0	0	0	0	0	25	3	70	304	24	0	62	291	346	0	44	290	356	0	32	300	0	0	0	0	0	0
2100	30	0	30	0	24	0	37	0	0	0	0	0	41	0	93	357	36	3	79	341	8	3	59	328	23	0	93	351	0	0	0	0	0	0
2200	19	0	40	0	29	0	46	0	0	0	0	0	319	0	347	284	316	0	352	282	318	0	340	291	325	0	347	299	0	0	0	0	0	0
2300	24	0	24	0	13	0	28	0	0	0	0	0	354	3	57	277	351	3	64	276	336	3	46	272	344	3	51	281	0	0	0	0	0	0
2400	15	0	15	0	32	2	9	0	0	0	0	0	143	0	227	91	150	3	242	91	97	0	179	1	142	3	245	4	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	383	0	388	0	385	0	381	0	320	2	320	2	-9	0	2	0	2	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
200	397	0	403	0	415	0	410	0	320	2	320	2	7	0	18	0	18	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	376	0	381	0	379	0	378	0	320	2	320	2	-7	0	4	0	4	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
400	370	0	376	0	367	0	363	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	342	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
500	369	0	374	0	361	0	358	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
600	365	0	370	0	360	0	358	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	367	0	374	0	367	0	363	0	320	2	320	2	-11	0	0	0	0	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
800	403	0	410	0	396	0	390	0	320	2	320	2	-22	0	-7	0	-7	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
900	399	0	408	0	403	0	394	0	320	2	320	2	-16	0	4	0	4	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1000	394	0	403	0	394	0	387	0	320	2	320	2	-18	0	0	0	0	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1100	399	0	406	0	403	0	394	0	320	2	320	2	-14	0	4	0	4	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1200	403	0	412	0	405	0	396	0	320	2	320	2	-18	0	2	0	2	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	397	0	406	0	388	0	379	0	320	2	320	2	-29	0	-9	0	-9	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1400	385	0	394	0	383	0	376	0	320	2	320	2	-20	0	2	0	2	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1500	401	0	410	0	392	0	385	0	320	2	320	2	-27	0	-9	0	-9	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1600	376	0	383	0	378	0	370	0	320	2	320	2	-16	0	2	0	2	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	352	0	361	0	354	0	345	0	320	2	320	2	-16	0	0	0	0	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	336	0	343	0	336	0	331	0	320	2	320	2	-14	0	0	0	0	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1900	325	0	333	0	325	0	320	0	320	2	320	2	-14	0	0	0	0	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2000	320	0	325	0	314	0	312	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2100	315	0	324	0	312	0	308	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2200	312	0	320	0	314	0	310	0	320	2	320	2	-9	0	2	0	2	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2300	308	0	314	0	303	0	299	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	301	0	308	0	294	0	290	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6

ST[illegible]G CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

R[illegible]NG RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	13	0	13	0	24	2	8	0	0	0	0	0	74	0	127	7	77	3	137	6	267	0	303	211	258	0	299	180	0	0	0	0	0	0
200	16	0	16	0	10	0	25	0	0	0	0	0	157	0	245	91	165	0	233	111	154	5	203	124	168	0	214	140	0	0	0	0	0	0
300	21	0	21	0	10	0	26	0	0	0	0	0	278	0	352	244	271	0	318	238	225	0	258	166	232	0	265	183	0	0	0	0	0	0
400	14	0	33	0	18	0	35	0	0	0	0	0	315	0	352	279	309	0	356	264	281	0	304	259	288	0	315	257	0	0	0	0	0	0
500	13	0	33	0	22	0	38	0	0	0	0	0	314	0	3	280	309	0	345	265	296	0	326	279	301	0	333	276	0	0	0	0	0	0
600	15	0	29	0	15	0	28	0	0	0	0	0	239	0	318	194	240	0	285	204	234	0	280	191	242	0	293	202	0	0	0	0	0	0
700	22	0	22	0	10	0	25	0	0	0	0	0	204	0	248	143	212	3	256	172	233	0	283	181	242	0	296	193	0	0	0	0	0	0
800	30	0	45	0	36	0	51	0	0	0	0	0	313	0	90	279	301	0	346	180	286	0	339	256	289	0	334	262	0	0	0	0	0	0
900	18	0	37	0	27	0	46	0	0	0	0	0	296	0	334	233	296	0	345	260	270	0	293	214	280	0	310	224	0	0	0	0	0	0
1000	22	0	43	0	16	0	28	0	0	0	0	0	264	0	306	192	262	0	310	181	209	0	248	170	218	0	251	183	0	0	0	0	0	0
1100	33	0	47	0	66	0	73	0	0	0	0	0	244	0	281	187	247	0	287	198	225	0	257	188	233	0	257	198	0	0	0	0	0	0
1200	42	0	51	0	60	0	66	0	0	0	0	0	247	0	295	211	248	0	305	209	225	0	249	200	233	0	260	211	0	0	0	0	0	0
1300	64	0	76	0	81	0	84	0	0	0	0	0	263	0	309	222	264	0	296	228	235	0	253	205	241	0	254	195	0	0	0	0	0	0
1400	55	0	77	0	47	0	65	0	0	0	0	0	275	0	299	238	272	0	300	239	250	0	273	223	257	0	280	226	0	0	0	0	0	0
1500	38	0	52	0	47	0	65	0	0	0	0	0	298	0	325	261	291	0	333	253	264	0	284	235	271	0	358	184	0	0	0	0	0	0
1600	39	0	53	0	57	0	75	0	0	0	0	0	297	0	336	263	291	0	332	253	274	0	293	250	280	0	292	258	0	0	0	0	0	0
1700	25	0	39	0	57	0	74	0	0	0	0	0	304	0	354	250	300	0	339	251	285	0	294	281	292	0	297	288	0	0	0	0	0	0
1800	20	0	36	0	23	0	38	0	0	0	0	0	297	0	321	273	291	0	320	264	259	0	283	237	266	0	284	249	0	0	0	0	0	0
1900	19	0	35	0	38	0	43	0	0	0	0	0	191	0	220	122	190	0	227	154	193	0	205	182	200	0	213	194	0	0	0	0	0	0
2000	40	0	51	0	56	0	73	0	0	0	0	0	153	0	179	125	154	0	174	119	150	0	158	148	164	0	167	161	0	0	0	0	0	0
2100	50	0	69	0	62	0	66	0	0	0	0	0	174	0	201	150	175	0	198	143	169	0	171	168	177	0	182	174	0	0	0	0	0	0
2200	60	0	75	0	72	0	87	0	0	0	0	0	169	0	197	147	169	0	189	136	164	0	170	159	174	0	178	171	0	0	0	0	0	0
2300	60	0	77	0	135	0	144	0	0	0	0	0	176	0	239	140	176	0	216	141	169	0	175	159	178	0	185	175	0	0	0	0	0	0
2400	52	0	70	0	139	0	128	0	0	0	0	0	177	0	209	123	177	0	218	134	173	0	181	171	184	0	188	179	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	292	0	297	0	310	0	308	0	320	2	320	2	9	0	20	0	20	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
200	261	0	269	0	325	0	322	0	320	2	320	2	52	0	63	0	63	2	0	2	290	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	270	0	278	0	327	0	325	0	320	2	320	2	47	0	56	0	56	2	0	2	294	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
400	290	0	296	0	290	0	289	0	320	2	320	2	-9	0	2	0	2	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
500	287	0	292	0	283	0	281	0	320	2	320	2	-13	0	2	0	2	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
600	279	0	287	0	281	0	278	0	320	2	320	2	-11	0	2	0	2	2	0	2	299	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	278	0	285	0	287	0	285	0	320	2	320	2	2	0	9	0	9	2	0	2	301	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
800	297	0	305	0	329	0	320	0	320	2	320	2	14	0	31	0	31	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
900	312	0	317	0	308	0	303	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1000	334	0	340	0	343	0	336	0	320	2	320	2	-5	0	7	0	7	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1100	394	0	399	0	412	0	406	0	320	2	320	2	5	0	18	0	18	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1200	482	0	487	0	486	0	480	0	320	2	320	2	-9	0	5	0	5	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1300	516	0	520	0	527	0	525	0	320	2	320	2	4	0	14	0	14	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1400	543	0	547	0	547	0	540	0	320	2	320	2	-7	0	4	0	4	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1500	567	0	568	0	565	0	556	0	320	2	320	2	-14	0	0	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	570	0	574	0	570	0	563	0	320	2	320	2	-13	0	2	0	2	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	576	0	579	0	588	0	579	0	320	2	320	2	0	0	13	0	13	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	595	0	601	0	597	0	590	0	320	2	320	2	-11	0	4	0	4	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	572	0	579	0	597	0	594	0	320	2	320	2	14	0	25	0	25	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	556	0	563	0	594	0	592	0	320	2	320	2	29	0	41	0	41	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	559	0	567	0	597	0	592	0	320	2	320	2	25	0	40	0	40	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	554	0	561	0	601	0	597	0	320	2	320	2	36	0	49	0	49	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	529	0	536	0	597	0	597	0	320	2	320	2	54	0	68	0	68	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	518	0	523	0	599	0	594	0	320	2	320	2	70	0	83	0	83	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - PER HOUR

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	61	0	73	0	174	0	157	0	0	0	0	0	176	0	222	139	182	0	232	134	172	0	181	171	183	0	187	180	0	0	0	0	0	0
200	57	0	76	0	178	0	162	0	0	0	0	0	173	0	229	136	173	0	232	125	172	0	181	168	184	0	187	179	0	0	0	0	0	0
300	73	0	87	0	158	0	135	0	0	0	0	0	194	0	233	156	194	0	231	158	194	0	203	191	202	0	205	197	0	0	0	0	0	0
400	67	0	83	0	156	0	138	0	0	0	0	0	189	0	235	145	189	0	226	143	192	0	203	182	200	0	205	194	0	0	0	0	0	0
500	60	0	78	0	143	0	129	0	0	0	0	0	196	0	240	160	194	0	243	158	192	0	203	182	201	0	205	194	0	0	0	0	0	0
600	59	0	74	0	147	0	137	0	0	0	0	0	181	0	217	144	182	0	222	143	184	0	192	179	194	0	204	187	0	0	0	0	0	0
700	56	0	70	0	152	0	143	0	0	0	0	0	171	0	209	125	171	0	231	128	175	0	187	167	185	0	194	177	0	0	0	0	0	0
800	43	0	59	0	107	0	105	0	0	0	0	0	180	0	266	121	180	0	250	100	174	0	191	150	184	0	205	145	0	0	0	0	0	0
900	31	0	44	0	55	0	65	0	0	0	0	0	196	0	251	100	202	0	256	114	184	0	223	115	196	0	231	144	0	0	0	0	0	0
1000	16	0	35	0	31	0	46	0	0	0	0	0	151	3	267	91	158	0	254	93	155	0	245	90	169	0	251	99	0	0	0	0	0	0
1100	38	0	47	0	42	0	54	0	0	0	0	0	267	0	342	194	258	0	337	188	230	0	334	189	235	0	307	189	0	0	0	0	0	0
1200	49	0	68	0	54	0	67	0	0	0	0	0	261	0	299	204	262	0	303	202	239	0	261	203	246	0	269	185	0	0	0	0	0	0
1300	58	0	71	0	57	0	79	0	0	0	0	0	289	0	304	262	286	0	309	264	255	0	280	227	259	0	284	182	0	0	0	0	0	0
1400	24	0	39	0	27	0	44	0	0	0	0	0	285	3	357	180	285	0	357	181	280	0	329	236	286	0	344	251	0	0	0	0	0	0
1500	39	0	51	0	54	0	66	0	0	0	0	0	195	0	269	97	258	0	320	180	178	0	267	102	188	0	269	109	0	0	0	0	0	0
1600	38	0	53	0	63	0	73	0	0	0	0	0	199	0	269	95	192	0	269	90	174	0	269	104	186	0	261	108	0	0	0	0	0	0
1700	48	0	67	0	93	0	105	0	0	0	0	0	162	0	268	105	163	0	257	113	149	0	189	114	161	0	202	126	0	0	0	0	0	0
1800	64	0	87	0	119	0	136	0	0	0	0	0	147	0	181	103	150	0	220	121	134	0	149	113	147	0	160	119	0	0	0	0	0	0
1900	72	0	85	0	93	0	107	0	0	0	0	0	255	0	289	208	250	0	282	213	250	0	283	215	258	0	295	226	0	0	0	0	0	0
2000	69	0	87	0	87	0	103	0	0	0	0	0	283	0	321	244	281	0	315	248	281	0	307	257	289	0	351	260	0	0	0	0	0	0
2100	100	0	115	0	170	0	182	0	0	0	0	0	346	0	18	314	342	0	31	304	340	0	352	325	349	0	8	339	0	0	0	0	0	0
2200	58	0	73	0	113	0	123	0	0	0	0	0	340	0	96	273	334	0	97	271	339	0	13	303	346	0	24	292	0	0	0	0	0	0
2300	56	0	75	0	82	0	99	0	0	0	0	0	297	0	325	264	294	0	327	259	303	0	330	247	309	0	335	258	0	0	0	0	0	0
2400	86	0	0	2	0	2	0	2	0	2	0	2	280	0	251	320	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	504	0	511	0	586	0	581	0	320	2	320	2	72	0	85	0	85	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
200	496	0	504	0	581	0	576	0	320	2	320	2	72	0	85	0	85	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
300	491	0	498	0	576	0	572	0	320	2	320	2	72	0	86	0	86	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
400	482	0	489	0	563	0	558	0	320	2	320	2	67	0	81	0	81	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
500	469	0	475	0	540	0	534	0	320	2	320	2	58	0	72	0	72	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
600	451	0	459	0	516	0	511	0	320	2	320	2	52	0	65	0	65	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	453	0	460	0	507	0	502	0	320	2	320	2	41	0	54	0	54	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
800	493	0	500	0	486	0	482	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
900	563	0	570	0	550	0	549	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1000	633	0	640	0	612	0	608	0	320	2	320	2	-34	0	-20	0	-20	2	0	2	502	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
1100	675	0	678	0	651	0	649	0	320	2	320	2	-32	0	-22	0	-22	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1200	666	0	669	0	671	0	667	0	320	2	320	2	-5	0	7	0	7	2	0	2	505	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	675	0	678	0	678	0	671	0	320	2	320	2	-9	0	5	0	5	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1400	682	0	685	0	666	0	658	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	514	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1500	712	0	718	0	696	0	689	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	514	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	723	0	729	0	700	0	694	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	714	0	721	0	698	0	693	0	320	2	320	2	-29	0	-14	0	-14	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	680	0	687	0	682	0	676	0	320	2	320	2	-11	0	2	0	2	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	565	0	570	0	568	0	565	0	320	2	320	2	-5	0	7	0	7	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	491	0	498	0	500	0	495	0	320	2	320	2	-4	0	9	0	9	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	460	0	466	0	468	0	462	0	320	2	320	2	-5	0	7	0	7	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
2200	432	0	437	0	433	0	426	0	320	2	320	2	-11	0	2	0	2	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2300	412	0	417	0	412	0	408	0	320	2	320	2	-11	0	2	0	2	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2400	435	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STA[redacted] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[redacted]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[redacted]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [redacted]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA	WIND	S
100	100	0	0	2	0	2	0	2	0	2	0	2	272	0	242	304	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	96	0	0	2	140	0	0	2	0	2	0	2	304	0	284	332	0	2	0	0	309	0	297	321	0	2	0	0	0	2	0	0	0	2
300	92	0	0	2	142	0	0	2	0	2	0	2	302	0	279	336	0	2	0	0	304	0	285	322	0	2	0	0	0	2	0	0	0	2
400	159	0	0	2	152	0	0	2	0	2	0	2	275	0	236	308	0	2	0	0	303	0	285	315	0	2	0	0	0	2	0	0	0	2
500	152	0	0	2	213	0	0	2	0	2	0	2	314	0	271	352	0	2	0	0	324	0	311	0	0	2	0	0	0	2	0	0	0	2
600	59	0	0	2	159	0	0	2	0	2	0	2	278	0	232	326	0	2	0	0	311	0	281	342	0	2	0	0	0	2	0	0	0	2
700	150	0	0	2	84	0	0	2	0	2	0	2	314	0	259	37	0	2	0	0	258	0	222	295	0	2	0	0	0	2	0	0	0	2
800	167	0	0	2	188	0	0	2	0	2	0	2	303	0	270	335	0	2	0	0	318	0	267	358	0	2	0	0	0	2	0	0	0	2
900	144	0	0	2	248	0	0	2	0	2	0	2	300	0	272	331	0	2	0	0	295	0	280	305	0	2	0	0	0	2	0	0	0	2
1000	77	0	0	2	217	0	0	2	0	2	0	2	293	0	260	323	0	2	0	0	291	0	276	302	0	2	0	0	0	2	0	0	0	2
1100	117	0	0	2	117	0	0	2	0	2	0	2	269	0	234	288	0	2	0	0	282	0	254	305	0	2	0	0	0	2	0	0	0	2
1200	57	0	0	2	88	0	0	2	0	2	0	2	267	0	231	291	0	2	0	0	268	0	236	295	0	2	0	0	0	2	0	0	0	2
1300	105	0	0	2	155	0	0	2	0	2	0	2	250	0	221	281	0	2	0	0	249	0	237	261	0	2	0	0	0	2	0	0	0	2
1400	75	0	0	2	115	0	0	2	0	2	0	2	245	0	205	289	0	2	0	0	244	0	223	259	0	2	0	0	0	2	0	0	0	2
1500	82	0	0	2	180	0	0	2	0	2	0	2	248	0	212	288	0	2	0	0	239	0	227	251	0	2	0	0	0	2	0	0	0	2
1600	61	0	0	2	155	0	0	2	0	2	0	2	246	0	212	286	0	2	0	0	240	0	215	255	0	2	0	0	0	2	0	0	0	2
1700	17	0	0	2	150	0	0	2	0	2	0	2	281	0	230	340	0	2	0	0	225	0	205	250	0	2	0	0	0	2	0	0	0	2
1800	67	0	0	2	92	0	0	2	0	2	0	2	241	0	204	282	0	2	0	0	225	0	191	245	0	2	0	0	0	2	0	0	0	2
1900	40	0	0	2	67	0	0	2	0	2	0	2	266	0	232	299	0	2	0	0	216	0	199	231	0	2	0	0	0	2	0	0	0	2
2000	34	0	0	2	40	0	0	2	0	2	0	2	86	0	62	110	0	2	0	0	225	0	194	262	0	2	0	0	0	2	0	0	0	2
2100	75	0	0	2	167	0	0	2	0	2	0	2	107	0	87	132	0	2	0	0	262	0	239	286	0	2	0	0	0	2	0	0	0	2
2200	69	0	0	2	90	0	0	2	0	2	0	2	106	0	70	123	0	2	0	0	218	0	208	231	0	2	0	0	0	2	0	0	0	2
2300	46	0	0	2	36	0	0	2	0	2	0	2	109	0	75	145	0	2	0	0	344	0	330	9	0	2	0	0	0	2	0	0	0	2
2400	34	0	0	2	48	0	0	2	0	2	0	2	142	0	124	161	0	2	0	0	66	0	45	87	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	428	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	421	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	407	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	435	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	445	0	0	2	0	2	0	2	0	2	0	2	-12	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	387	0	0	2	0	2	0	2	0	2	0	2	-7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	418	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	387	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	377	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	387	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	377	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	387	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	428	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	462	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	523	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	540	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	567	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	469	0	0	2	0	2	0	2	0	2	0	2	7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	465	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	472	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	475	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	472	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	458	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	452	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK . METEOROLOGICAL DATA FOR APRIL 12, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	46	0	0	2	109	0	0	2	0	2	0	2	147	0	119	186	0	2	0	0	93	0	77	106	0	2	0	0	0	2	0	0	0	2
200	46	0	0	2	105	0	0	2	0	2	0	2	219	0	183	263	0	2	0	0	81	0	63	100	0	2	0	0	0	2	0	0	0	2
300	42	0	0	2	123	0	0	2	0	2	0	2	254	0	226	288	0	2	0	0	89	0	68	109	0	2	0	0	0	2	0	0	0	2
400	90	0	0	2	77	0	0	2	0	2	0	2	314	0	277	339	0	2	0	0	120	0	99	134	0	2	0	0	0	2	0	0	0	2
500	86	0	0	2	77	0	0	2	0	2	0	2	323	0	290	3	0	2	0	0	136	0	120	154	0	2	0	0	0	2	0	0	0	2
600	94	0	0	2	80	0	0	2	0	2	0	2	348	0	312	23	0	2	0	0	129	0	105	146	0	2	0	0	0	2	0	0	0	2
700	59	0	0	2	84	0	0	2	0	2	0	2	12	0	321	65	0	2	0	0	190	0	156	213	0	2	0	0	0	2	0	0	0	2
800	65	0	0	2	63	0	0	2	0	2	0	2	357	0	316	51	0	2	0	0	251	0	231	278	0	2	0	0	0	2	0	0	0	2
900	82	0	0	2	65	0	0	2	0	2	0	2	0	0	317	36	0	2	0	0	293	0	273	315	0	2	0	0	0	2	0	0	0	2
1000	77	0	0	2	150	0	0	2	0	2	0	2	351	0	304	18	0	2	0	0	309	0	296	323	0	2	0	0	0	2	0	0	0	2
1100	69	0	0	2	109	0	0	2	0	2	0	2	329	0	281	17	0	2	0	0	323	0	302	347	0	2	0	0	0	2	0	0	0	2
1200	71	0	0	2	111	0	0	2	0	2	0	2	339	0	290	12	0	2	0	0	342	0	316	25	0	2	0	0	0	2	0	0	0	2
1300	71	0	0	2	82	0	0	2	0	2	0	2	343	0	297	32	0	2	0	0	347	0	306	9	0	2	0	0	0	2	0	0	0	2
1400	107	0	0	2	96	0	0	2	0	2	0	2	316	0	276	0	0	2	0	0	347	0	314	18	0	2	0	0	0	2	0	0	0	2
1500	96	0	0	2	165	0	0	2	0	2	0	2	339	0	300	16	0	2	0	0	341	0	316	5	0	2	0	0	0	2	0	0	0	2
1600	84	0	0	2	138	0	0	2	0	2	0	2	354	0	296	62	0	2	0	0	329	0	303	350	0	2	0	0	0	2	0	0	0	2
1700	59	0	0	2	115	0	0	2	0	2	0	2	340	0	284	30	0	2	0	0	316	0	285	345	0	2	0	0	0	2	0	0	0	2
1800	40	0	0	2	105	0	0	2	0	2	0	2	304	0	264	358	0	2	0	0	329	0	311	358	0	2	0	0	0	2	0	0	0	2
1900	46	0	0	2	115	0	0	2	0	2	0	2	295	0	257	333	0	2	0	0	317	0	288	341	0	2	0	0	0	2	0	0	0	2
2000	27	0	0	2	98	0	0	2	0	2	0	2	275	0	243	299	0	2	0	0	324	0	291	351	0	2	0	0	0	2	0	0	0	2
2100	23	0	0	2	109	0	0	2	0	2	0	2	82	0	1	149	0	2	0	0	327	0	304	351	0	2	0	0	0	2	0	0	0	2
2200	23	0	0	2	140	0	0	2	0	2	0	2	323	0	296	358	0	2	0	0	296	0	282	308	0	2	0	0	0	2	0	0	0	2
2300	52	0	0	2	98	0	0	2	0	2	0	2	88	0	70	107	0	2	0	0	340	0	306	10	0	2	0	0	0	2	0	0	0	2
2400	73	0	0	2	111	0	0	2	0	2	0	2	101	0	92	115	0	2	0	0	343	0	316	17	0	2	0	0	0	2	0	0	0	2

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	458	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	431	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	452	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	411	0	0	2	0	2	0	2	0	2	0	2	1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	411	0	0	2	0	2	0	2	0	2	0	2	8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	411	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	414	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	418	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	421	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	421	0	0	2	0	2	0	2	0	2	0	2	1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	424	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	407	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	424	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	424	0	0	2	0	2	0	2	0	2	0	2	-15	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	377	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	404	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	421	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	418	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	428	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	404	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	390	0	0	2	0	2	0	2	0	2	0	2	21	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	370	0	0	2	0	2	0	2	0	2	0	2	50	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	373	0	0	2	0	2	0	2	0	2	0	2	53	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	380	0	0	2	0	2	0	2	0	2	0	2	46	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]G RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD2 30 A	S	WIND SPD3 30 B	S	WIND SPD4 150A	S	WIND SPD5 150B	S	WIND SPD6	S	WIND DIR1	MIN	MAX	S	MIN	MAX	S	WIND DIR3	MIN	MAX	WIND DIR4	MIN	MAX	WIND DIR5	MIN	MAX	WIND	S
											30 A							150A			150B							
100	36	0	102	0	80	0	131	0	0	0	0	0	106	0	81	120	138	0	179	98	334	0	302	9	135	0	153	111	0	0	0	0	0	0
200	48	0	135	0	71	0	163	0	0	0	0	0	140	0	117	161	132	0	157	105	331	0	305	11	128	0	151	101	0	0	0	0	0	0
300	73	0	0	2	73	0	0	2	0	2	0	2	134	0	117	147	0	2	0	0	335	0	311	16	0	2	0	0	0	2	0	0	0	2
400	44	0	0	2	50	0	0	2	0	2	0	2	173	0	149	204	0	2	0	0	269	0	252	282	0	2	0	0	0	2	0	0	0	2
500	63	0	0	2	46	0	0	2	0	2	0	2	195	0	162	232	0	2	0	0	308	0	282	336	0	2	0	0	0	2	0	0	0	2
600	48	0	0	2	40	0	0	2	0	2	0	2	177	0	140	200	0	2	0	0	352	0	331	15	0	2	0	0	0	2	0	0	0	2
700	44	0	0	2	59	0	0	2	0	2	0	2	162	0	143	182	0	2	0	0	324	0	303	350	0	2	0	0	0	2	0	0	0	2
800	42	0	0	2	75	0	0	2	0	2	0	2	154	0	140	171	0	2	0	0	42	0	28	53	0	2	0	0	0	2	0	0	0	2
900	71	0	0	2	111	0	0	2	0	2	0	2	124	0	108	142	0	2	0	0	69	0	55	81	0	2	0	0	0	2	0	0	0	2
1000	82	0	0	2	113	0	0	2	0	2	0	2	129	0	108	161	0	2	0	0	64	0	45	80	0	2	0	0	0	2	0	0	0	2
1100	75	0	0	2	100	0	0	2	0	2	0	2	153	0	117	190	0	2	0	0	64	0	43	77	0	2	0	0	0	2	0	0	0	2
1200	111	0	139	0	162	0	176	0	0	0	0	0	126	0	156	90	129	0	157	89	112	0	135	91	126	0	146	103	0	0	0	0	0	0
1300	74	0	94	0	125	0	134	0	0	0	0	0	141	0	189	110	147	0	220	116	133	0	159	112	147	0	181	115	0	0	0	0	0	0
1400	90	0	114	0	147	0	171	0	0	0	0	0	153	0	222	115	154	0	214	100	141	0	202	102	155	0	199	124	0	0	0	0	0	0
1500	102	0	121	0	159	0	170	0	0	0	0	0	142	0	190	114	144	0	219	113	131	0	160	111	145	0	171	125	0	0	0	0	0	0
1600	111	0	136	0	168	0	184	0	0	0	0	0	133	0	174	97	138	0	196	113	123	0	146	102	139	0	159	116	0	0	0	0	0	0
1700	94	0	116	0	132	0	147	0	0	0	0	0	135	0	183	92	136	0	177	95	116	0	150	91	129	0	164	103	0	0	0	0	0	0
1800	175	0	188	0	206	0	223	0	0	0	0	0	124	0	148	95	126	0	150	94	107	0	126	81	122	0	139	101	0	0	0	0	0	0
1900	142	0	159	0	167	0	179	0	0	0	0	0	122	0	140	107	124	0	140	97	101	0	123	79	115	0	131	95	0	0	0	0	0	0
2000	114	0	129	0	147	0	163	0	0	0	0	0	121	0	137	104	124	0	145	103	104	0	115	90	117	0	131	93	0	0	0	0	0	0
2100	99	0	111	0	144	0	156	0	0	0	0	0	119	0	137	94	120	0	144	96	102	0	115	88	116	0	127	104	0	0	0	0	0	0
2200	147	0	157	0	173	0	189	0	0	0	0	0	120	0	159	93	124	0	165	85	105	0	125	88	118	0	147	100	0	0	0	0	0	0
2300	158	0	177	0	204	0	221	0	0	0	0	0	124	0	143	99	125	0	158	101	106	0	122	89	120	0	138	104	0	0	0	0	0	0
2400	194	0	209	0	226	0	242	0	0	0	0	0	120	0	145	102	123	0	148	99	103	0	115	88	118	0	137	103	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	394	0	536	0	516	0	513	0	320	2	320	2	49	0	-25	0	0	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	175	0
200	394	0	558	0	541	0	538	0	320	2	320	2	33	0	-20	0	0	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	175	0
300	401	0	0	2	0	2	0	2	0	2	0	2	34	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	421	0	0	2	0	2	0	2	0	2	0	2	34	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	411	0	0	2	0	2	0	2	0	2	0	2	36	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	407	0	0	2	0	2	0	2	0	2	0	2	75	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	424	0	0	2	0	2	0	2	0	2	0	2	81	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	394	0	0	2	0	2	0	2	0	2	0	2	54	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	418	0	0	2	0	2	0	2	0	2	0	2	40	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	472	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	530	0	0	2	0	2	0	2	0	2	0	2	-16	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	567	0	572	0	559	0	554	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	174	6
1300	581	0	588	0	568	0	567	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
1400	590	0	595	0	574	0	568	0	320	2	320	2	-27	0	-14	0	-14	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	173	6
1500	581	0	588	0	570	0	568	0	320	2	320	2	-22	0	-7	0	-7	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
1600	570	0	577	0	565	0	559	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
1700	574	0	581	0	570	0	565	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
1800	576	0	583	0	574	0	568	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
1900	565	0	570	0	565	0	559	0	320	2	320	2	-13	0	0	0	0	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
2000	550	0	556	0	552	0	549	0	320	2	320	2	-9	0	4	0	4	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
2100	541	0	547	0	545	0	540	0	320	2	320	2	-7	0	5	0	5	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
2200	545	0	552	0	545	0	541	0	320	2	320	2	-11	0	2	0	2	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
2300	549	0	556	0	549	0	545	0	320	2	320	2	-11	0	2	0	2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
2400	547	0	552	0	547	0	541	0	320	2	320	2	-13	0	2	0	2	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	168	0	189	0	210	0	236	0	0	0	0	0	125	0	150	104	128	0	150	104	110	0	125	92	125	0	143	107	0	0	0	0	0	0
200	111	0	148	0	188	0	201	0	0	0	0	0	137	0	193	115	139	0	184	111	121	0	148	105	136	0	170	115	0	0	0	0	0	0
300	112	0	140	0	168	0	186	0	0	0	0	0	132	0	152	110	134	0	161	107	118	0	134	96	133	0	149	110	0	0	0	0	0	0
400	130	0	150	0	175	0	197	0	0	0	0	0	127	0	149	97	130	0	162	107	113	0	126	98	128	0	146	113	0	0	0	0	0	0
500	142	0	166	0	184	0	209	0	0	0	0	0	124	0	144	101	126	0	156	100	107	0	123	92	123	0	142	112	0	0	0	0	0	0
600	128	0	154	0	178	0	200	0	0	0	0	0	129	0	155	105	133	0	157	111	114	0	133	88	129	0	145	109	0	0	0	0	0	0
700	121	0	162	0	189	0	205	0	0	0	0	0	131	0	156	114	136	0	155	114	118	0	133	100	133	0	149	110	0	0	0	0	0	0
800	126	0	154	0	194	0	211	0	0	0	0	0	132	0	160	96	134	0	159	111	118	0	135	101	134	0	145	122	0	0	0	0	0	0
900	103	0	131	0	153	0	172	0	0	0	0	0	131	0	149	108	134	0	159	115	120	0	134	110	135	0	148	121	0	0	0	0	0	0
1000	117	0	139	0	142	0	164	0	0	0	0	0	124	0	150	107	126	0	148	102	108	0	125	79	123	0	137	107	0	0	0	0	0	0
1100	110	0	133	0	132	0	150	0	0	0	0	0	126	0	151	90	130	0	149	93	107	0	126	81	123	0	139	102	0	0	0	0	0	0
1200	122	0	135	0	143	0	157	0	0	0	0	0	125	0	162	91	128	0	147	98	109	0	136	88	124	0	153	98	0	0	0	0	0	0
1300	133	0	134	0	144	0	152	0	0	0	0	0	115	0	141	76	118	0	152	88	96	0	111	69	113	0	174	87	0	0	0	0	0	0
1400	139	0	138	0	156	0	163	0	0	0	0	0	117	0	138	87	119	0	146	78	95	0	111	69	114	0	177	86	0	0	0	0	0	0
1500	132	0	151	0	168	0	181	0	0	0	0	0	120	0	150	93	120	0	151	91	99	0	115	70	114	0	132	93	0	0	0	0	0	0
1600	130	0	142	0	177	0	184	0	0	0	0	0	116	0	142	82	117	0	146	89	92	0	108	69	107	0	141	79	0	0	0	0	0	0
1700	23	0	36	0	33	0	45	0	0	0	0	0	219	0	269	122	220	0	267	130	225	0	250	156	233	0	261	162	0	0	0	0	0	0
1800	10	0	28	0	21	0	36	0	0	0	0	0	102	0	131	82	103	0	128	83	112	0	126	102	128	0	142	114	0	0	0	0	0	0
1900	37	0	53	0	60	0	79	0	0	0	0	0	113	0	144	80	117	0	161	80	110	0	137	81	125	0	142	95	0	0	0	0	0	0
2000	125	0	138	0	175	0	183	0	0	0	0	0	93	0	124	63	93	0	138	68	70	0	101	46	83	0	112	25	0	0	0	0	0	0
2100	108	0	124	0	137	0	148	0	0	0	0	0	120	0	147	90	121	0	142	87	95	0	122	67	111	0	166	85	0	0	0	0	0	0
2200	28	0	42	0	72	0	78	0	0	0	0	0	193	3	245	94	196	0	244	125	174	0	204	147	186	0	208	160	0	0	0	0	0	0
2300	48	0	64	0	93	0	97	0	0	0	0	0	194	0	245	137	187	0	239	98	174	0	213	144	185	0	216	161	0	0	0	0	0	0
2400	58	0	80	0	120	0	137	0	0	0	0	0	151	0	196	103	151	0	203	115	144	0	167	113	156	0	175	131	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	549	0	556	0	549	0	543	0	320	2	320	2	-13	0	2	0	2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
200	543	0	550	0	545	0	540	0	320	2	320	2	-11	0	2	0	2	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
300	541	0	549	0	541	0	536	0	320	2	320	2	-11	0	2	0	2	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
400	541	0	549	0	541	0	536	0	320	2	320	2	-13	0	0	0	0	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	174	0
500	500	0	507	0	500	0	495	0	320	2	320	2	-11	0	2	0	2	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	177	0
600	495	0	500	0	495	0	489	0	320	2	320	2	-11	0	2	0	2	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	183	0
700	502	0	509	0	505	0	500	0	320	2	320	2	-9	0	4	0	4	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
800	516	0	522	0	518	0	513	0	320	2	320	2	-11	0	2	0	2	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
900	531	0	538	0	531	0	525	0	320	2	320	2	-13	0	2	0	2	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
1000	549	0	556	0	547	0	541	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
1100	567	0	572	0	563	0	558	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
1200	595	0	603	0	590	0	585	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
1300	619	0	626	0	615	0	610	0	320	2	320	2	-16	0	-2	0	-2	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	187	6
1400	630	0	639	0	624	0	621	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	187	0
1500	633	0	640	0	630	0	624	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	187	0
1600	615	0	622	0	612	0	608	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	188	0
1700	529	0	536	0	541	0	536	0	320	2	320	2	0	0	9	0	9	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	222	0
1800	543	0	550	0	552	0	549	0	320	2	320	2	2	0	9	0	9	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
1900	543	0	550	0	547	0	541	0	320	2	320	2	-9	0	2	0	2	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	245	0
2000	534	0	540	0	536	0	531	0	320	2	320	2	-9	0	2	0	2	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	254	0
2100	540	0	547	0	538	0	534	0	320	2	320	2	-11	0	2	0	2	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0
2200	525	0	532	0	527	0	522	0	320	2	320	2	-11	0	0	0	0	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0
2300	514	0	520	0	514	0	511	0	320	2	320	2	-11	0	0	0	0	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0
2400	511	0	520	0	514	0	509	0	320	2	320	2	-9	0	2	0	2	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REP[illegible]G RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	S	MIN	MAX	S	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	105	0	121	0	138	0	151	0	0	0	0	0	120	0	143	89	121	0	146	93	106	0	126	79	121	0	148	98	0	0	0	0	0	0
200	55	0	76	0	105	0	119	0	0	0	0	0	134	0	166	107	139	0	176	96	121	0	147	102	135	0	155	120	0	0	0	0	0	0
300	54	0	81	0	118	0	131	0	0	0	0	0	140	0	175	113	142	0	172	117	128	0	134	122	142	0	148	137	0	0	0	0	0	0
400	29	0	48	0	77	0	92	0	0	0	0	0	151	0	207	113	151	0	196	125	143	0	157	125	156	0	175	137	0	0	0	0	0	0
500	23	0	44	0	66	0	80	0	0	0	0	0	145	0	183	110	145	0	185	126	136	0	146	114	149	0	159	136	0	0	0	0	0	0
600	0	4	24	0	27	0	42	0	0	0	0	0	141	0	189	102	142	0	192	114	143	0	160	112	157	0	176	137	0	0	0	0	0	0
700	16	0	34	0	31	0	46	0	0	0	0	0	94	0	112	78	96	0	113	83	108	0	124	90	123	0	137	110	0	0	0	0	0	0
800	45	0	58	0	58	0	69	0	0	0	0	0	114	0	135	85	117	0	140	83	95	0	112	76	109	0	164	87	0	0	0	0	0	0
900	48	0	67	0	52	0	66	0	0	0	0	0	116	0	147	80	119	0	142	86	98	0	122	75	112	0	153	61	0	0	0	0	0	0
1000	32	0	48	0	42	0	55	0	0	0	0	0	112	0	147	70	117	0	159	72	93	0	125	57	108	0	161	80	0	0	0	0	0	0
1100	16	2	18	0	31	2	17	0	0	0	0	0	298	3	359	210	302	3	359	187	295	0	359	211	344	3	122	273	0	0	0	0	0	0
1200	29	2	29	2	26	2	40	2	0	0	0	0	339	2	154	271	331	2	108	271	339	2	58	316	348	2	76	321	0	0	0	0	0	0
1300	44	0	61	0	80	0	88	0	0	0	0	0	26	0	65	339	23	0	69	329	3	0	16	354	16	0	29	4	0	0	0	0	0	0
1400	81	0	99	0	123	0	132	0	0	0	0	0	12	0	52	303	11	0	69	301	7	0	21	349	19	0	30	358	0	0	0	0	0	0
1500	33	0	52	0	54	0	63	0	0	0	0	0	20	0	58	306	18	0	74	325	17	0	35	359	29	0	51	11	0	0	0	0	0	0
1600	66	0	83	0	89	0	99	0	0	0	0	0	33	0	65	4	32	0	59	356	11	0	37	349	23	0	52	2	0	0	0	0	0	0
1700	74	0	90	0	114	0	123	0	0	0	0	0	26	0	49	353	24	0	55	353	19	0	34	3	30	0	52	14	0	0	0	0	0	0
1800	39	0	57	0	75	0	89	0	0	0	0	0	145	0	257	43	148	0	236	48	106	0	179	34	133	0	216	52	0	0	0	0	0	0
1900	25	0	25	0	28	0	42	0	0	0	0	0	341	0	118	272	345	3	154	270	333	0	1	314	338	0	15	314	0	0	0	0	0	0
2000	19	0	37	0	51	0	64	0	0	0	0	0	29	3	93	331	24	0	75	304	342	0	352	326	350	0	4	330	0	0	0	0	0	0
2100	18	0	36	0	48	0	68	0	0	0	0	0	38	3	69	331	37	0	65	336	27	0	37	359	38	0	49	346	0	0	0	0	0	0
2200	23	0	23	0	45	0	58	0	0	0	0	0	8	0	155	276	349	3	175	273	351	0	12	318	1	0	25	338	0	0	0	0	0	0
2300	52	0	70	0	103	0	112	0	0	0	0	0	34	0	61	10	33	0	70	358	16	0	26	10	28	0	41	15	0	0	0	0	0	0
2400	67	0	85	0	125	0	135	0	0	0	0	0	20	0	76	327	17	0	64	285	359	0	14	318	10	0	27	340	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	507	0	514	0	509	0	504	0	320	2	320	2	-11	0	0	0	0	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0
200	504	0	513	0	507	0	505	0	320	2	320	2	-9	0	2	0	2	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
300	496	0	504	0	509	0	501	0	320	2	320	2	0	0	11	0	11	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
400	498	0	505	0	507	0	502	0	320	2	320	2	-4	0	7	0	7	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
500	500	0	507	0	504	0	498	0	320	2	320	2	-7	0	4	0	4	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
600	498	0	505	0	502	0	496	0	320	2	320	2	-7	0	4	0	4	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
700	491	0	498	0	502	0	496	0	320	2	320	2	2	0	9	0	9	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
800	509	0	516	0	507	0	504	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	257	0
900	523	0	532	0	522	0	518	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	256	6
1000	541	0	549	0	538	0	532	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0
1100	549	0	554	0	545	0	538	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	256	0
1200	514	2	518	2	525	2	518	2	320	2	320	2	0	2	9	2	9	2	0	2	439	2	0	2	0	2	0	2	0	2	0	2	0	2	256	0
1300	497	0	495	0	509	0	505	0	320	2	320	2	11	0	20	0	20	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	265	0
1400	464	0	469	0	496	0	491	0	320	2	320	2	22	0	32	0	32	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	258	6
1500	498	0	507	0	514	0	507	0	320	2	320	2	2	0	14	0	14	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	259	0
1600	516	0	525	0	522	0	516	0	320	2	320	2	-9	0	5	0	5	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	259	0
1700	480	0	489	0	522	0	516	0	320	2	320	2	27	0	40	0	40	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	259	0
1800	516	0	522	0	531	0	525	0	320	2	320	2	2	0	14	0	14	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	259	0
1900	493	0	498	0	502	0	498	0	320	2	320	2	2	0	7	0	7	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	262	0
2000	466	0	471	0	514	0	511	0	320	2	320	2	38	0	47	0	47	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	262	0
2100	414	0	451	0	498	0	493	0	320	2	320	2	41	0	52	0	52	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	262	0
2200	475	0	482	0	513	0	509	0	320	2	320	2	25	0	36	0	36	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	274	0
2300	478	0	486	0	525	0	520	0	320	2	320	2	36	0	47	0	47	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	274	0
2400	426	0	433	0	457	0	450	0	320	2	320	2	16	0	27	0	27	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	61	0	86	0	117	0	142	0	0	0	0	0	66	0	92	37	67	0	101	37	38	0	49	15	53	0	67	38	0	0	0	0	0	0
200	57	0	76	0	94	0	110	0	0	0	0	0	74	0	109	42	72	0	103	41	52	0	68	35	66	0	78	52	0	0	0	0	0	0
300	66	0	82	0	92	0	104	0	0	0	0	0	83	0	107	53	83	0	114	54	61	0	91	46	74	0	98	27	0	0	0	0	0	0
400	19	0	30	0	35	0	48	0	0	0	0	0	29	3	118	276	40	3	165	295	75	0	94	57	90	0	112	75	0	0	0	0	0	0
500	31	0	48	0	37	0	55	0	0	0	0	0	22	0	49	306	21	0	48	330	31	0	38	359	46	0	55	15	0	0	0	0	0	0
600	37	0	55	0	57	0	75	0	0	0	0	0	13	0	59	319	6	0	53	309	21	0	58	345	35	0	76	347	0	0	0	0	0	0
700	60	0	77	0	102	0	113	0	0	0	0	0	7	0	53	279	6	0	67	270	357	0	25	318	7	0	43	333	0	0	0	0	0	0
800	53	0	70	0	101	0	109	0	0	0	0	0	36	0	71	0	33	0	70	1	11	0	37	351	21	0	47	351	0	0	0	0	0	0
900	63	0	80	0	91	0	101	0	0	0	0	0	33	0	76	9	33	0	82	2	14	0	34	349	25	0	46	7	0	0	0	0	0	0
1000	66	0	83	0	101	0	112	0	0	0	0	0	35	0	71	352	36	0	70	5	14	0	35	358	24	0	50	6	0	0	0	0	0	0
1100	74	0	93	0	119	0	129	0	0	0	0	0	350	0	51	302	346	0	65	299	352	0	12	320	2	0	37	340	0	0	0	0	0	0
1200	44	0	68	0	62	0	78	0	0	0	0	0	356	0	62	302	355	0	70	291	351	0	48	314	359	0	58	332	0	0	0	0	0	0
1300	43	0	73	0	57	0	70	0	0	0	0	0	355	0	55	295	354	0	74	310	344	0	27	306	354	0	54	316	0	0	0	0	0	0
1400	51	0	69	0	58	0	72	0	0	0	0	0	31	0	67	337	31	0	76	346	9	0	36	348	21	0	52	349	0	0	0	0	0	0
1500	30	0	47	0	41	0	56	0	0	0	0	0	18	3	85	291	17	0	79	299	0	0	72	280	6	0	47	295	0	0	0	0	0	0
1600	58	0	78	0	73	0	87	0	0	0	0	0	347	0	38	291	342	0	37	285	340	0	11	292	347	0	24	317	0	0	0	0	0	0
1700	78	0	97	0	98	0	111	0	0	0	0	0	341	0	14	293	336	0	15	287	331	0	350	292	339	0	359	307	0	0	0	0	0	0
1800	70	0	94	0	101	0	114	0	0	0	0	0	342	0	9	294	335	0	12	306	332	0	350	319	340	0	4	328	0	0	0	0	0	0
1900	53	0	70	0	105	0	117	0	0	0	0	0	14	0	79	303	10	0	92	282	357	0	24	326	6	0	39	332	0	0	0	0	0	0
2000	64	0	83	0	93	0	110	0	0	0	0	0	45	0	89	12	43	0	85	3	19	0	46	348	30	0	59	353	0	0	0	0	0	0
2100	71	0	85	0	92	0	111	0	0	0	0	0	90	0	113	77	90	0	114	71	52	0	67	44	65	0	78	51	0	0	0	0	0	0
2200	32	0	48	0	76	0	89	0	0	0	0	0	99	0	147	45	100	0	137	69	70	0	83	56	83	0	99	66	0	0	0	0	0	0
2300	12	0	27	0	39	0	52	0	0	0	0	0	129	0	239	94	128	3	256	95	83	0	102	70	95	0	116	81	0	0	0	0	0	0
2400	36	0	52	0	80	0	91	0	0	0	0	0	104	0	108	91	103	0	112	91	89	0	95	79	101	0	108	88	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	478	0	486	0	504	0	500	0	320	2	320	2	14	0	23	0	23	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	275	6
200	500	0	507	0	511	0	505	0	320	2	320	2	-2	0	9	0	9	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
300	520	0	525	0	520	0	518	0	320	2	320	2	-9	0	2	0	2	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
400	496	0	504	0	518	0	514	0	320	2	320	2	11	0	22	0	22	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
500	493	0	500	0	516	0	513	0	320	2	320	2	13	0	22	0	22	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
600	484	0	491	0	514	0	509	0	320	2	320	2	16	0	29	0	29	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
700	421	0	426	0	439	0	433	0	320	2	320	2	7	0	16	0	16	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
800	455	0	462	0	471	0	468	0	320	2	320	2	5	0	16	0	16	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
900	475	0	484	0	482	0	477	0	320	2	320	2	-7	0	5	0	5	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1000	462	0	469	0	477	0	471	0	320	2	320	2	2	0	13	0	13	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1100	424	0	432	0	469	0	462	0	320	2	320	2	29	0	43	0	43	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1200	414	0	424	0	428	0	417	0	320	2	320	2	-2	0	13	0	13	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1300	406	0	419	0	419	0	405	0	320	2	320	2	-7	0	4	0	4	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1400	433	0	442	0	451	0	442	0	320	2	320	2	2	0	16	0	16	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1500	437	0	448	0	446	0	441	0	320	2	320	2	-9	0	5	0	5	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1600	424	0	432	0	446	0	433	0	320	2	320	2	2	0	20	0	20	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	275	6
1700	405	0	410	0	406	0	401	0	320	2	320	2	-9	0	2	0	2	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1800	403	0	410	0	405	0	399	0	320	2	320	2	-11	0	0	0	0	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1900	410	0	415	0	412	0	406	0	320	2	320	2	-9	0	2	0	2	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2000	439	0	446	0	444	0	439	0	320	2	320	2	-7	0	4	0	4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2100	455	0	462	0	468	0	464	0	320	2	320	2	2	0	11	0	11	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2200	466	0	473	0	475	0	471	0	320	2	320	2	-4	0	7	0	7	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2300	466	0	473	0	480	0	475	0	320	2	320	2	2	0	13	0	13	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2400	473	0	478	0	487	0	484	0	320	2	320	2	5	0	14	0	14	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0

ST[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED 1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	24	0	24	0	41	0	55	0	0	0	0	0	43	0	101	280	54	3	103	279	98	0	106	82	110	0	116	98	0	0	0	0	0	0
200	35	0	53	0	62	0	75	0	0	0	0	0	97	0	112	67	98	0	111	71	101	0	106	90	113	0	120	102	0	0	0	0	0	0
300	24	0	44	0	20	0	38	0	0	0	0	0	36	3	56	5	34	0	58	1	42	3	61	25	55	0	76	37	0	0	0	0	0	0
400	49	0	74	0	73	0	83	0	0	0	0	0	71	0	83	62	71	0	81	65	62	0	83	56	74	0	94	68	0	0	0	0	0	0
500	65	0	81	0	98	0	102	0	0	0	0	0	101	0	116	87	102	0	119	87	75	0	80	70	86	0	89	82	0	0	0	0	0	0
600	25	0	44	0	38	0	60	0	0	0	0	0	39	3	67	330	38	0	71	317	39	0	60	3	51	0	73	30	0	0	0	0	0	0
700	80	0	95	0	150	0	157	0	0	0	0	0	99	0	116	78	100	0	133	75	78	0	83	70	91	0	97	82	0	0	0	0	0	0
800	105	0	115	0	127	0	136	0	0	0	0	0	119	0	138	97	121	0	147	93	94	0	106	67	106	0	124	80	0	0	0	0	0	0
900	72	0	88	0	78	0	89	0	0	0	0	0	117	0	144	77	119	0	150	64	94	0	127	59	106	0	137	71	0	0	0	0	0	0
1000	32	0	53	0	20	0	35	0	0	0	0	0	281	0	331	223	277	0	333	238	18	3	176	270	16	0	176	271	0	0	0	0	0	0
1100	45	0	63	0	68	0	82	0	0	0	0	0	305	0	353	256	302	0	340	270	298	0	316	283	305	0	329	289	0	0	0	0	0	0
1200	44	0	60	0	67	0	88	0	0	0	0	0	324	0	358	263	318	0	357	259	314	0	327	292	319	0	336	293	0	0	0	0	0	0
1300	50	0	70	0	90	0	109	0	0	0	0	0	334	0	33	270	332	0	13	274	315	0	0	284	319	0	343	293	0	0	0	0	0	0
1400	65	0	85	0	98	0	118	0	0	0	0	0	334	0	359	307	329	0	349	286	316	0	339	295	322	0	340	303	0	0	0	0	0	0
1500	35	0	56	0	53	0	68	0	0	0	0	0	342	0	43	287	332	0	29	273	335	0	3	303	341	0	3	312	0	0	0	0	0	0
1600	69	0	91	0	105	0	119	0	0	0	0	0	340	0	33	276	333	0	16	295	327	0	341	281	334	0	353	297	0	0	0	0	0	0
1700	54	0	69	0	91	0	105	0	0	0	0	0	357	0	55	289	353	0	40	284	345	0	26	317	353	0	49	323	0	0	0	0	0	0
1800	28	0	49	0	40	0	54	0	0	0	0	0	34	3	85	335	29	0	79	310	355	0	45	317	1	0	60	310	0	0	0	0	0	0
1900	27	0	27	0	15	0	31	0	0	0	0	0	55	0	101	12	56	3	103	10	356	3	46	319	5	0	44	319	0	0	0	0	0	0
2000	27	0	45	0	32	0	45	0	0	0	0	0	91	3	113	72	91	0	122	72	67	0	83	47	80	0	99	63	0	0	0	0	0	0
2100	21	0	39	0	29	0	43	0	0	0	0	0	96	3	111	84	97	0	110	85	65	3	72	49	78	0	88	63	0	0	0	0	0	0
2200	27	0	57	0	35	0	54	0	0	0	0	0	61	3	67	51	61	0	68	53	31	0	46	15	42	0	59	32	0	0	0	0	0	0
2300	22	0	45	0	44	0	66	0	0	0	0	0	68	3	77	56	70	0	79	59	35	0	44	32	49	0	55	43	0	0	0	0	0	0
2400	59	0	74	0	67	0	78	0	0	0	0	0	100	0	107	94	101	0	108	93	64	0	68	58	78	0	82	72	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	441	0	448	0	495	0	491	0	320	2	320	2	41	0	50	0	50	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
200	475	0	482	0	505	0	502	0	320	2	320	2	18	0	27	0	27	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
300	478	0	484	0	502	0	500	0	320	2	320	2	14	0	23	0	23	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
400	462	0	469	0	500	0	498	0	320	2	320	2	29	0	38	0	38	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
500	450	0	459	0	495	0	489	0	320	2	320	2	32	0	41	0	41	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
600	442	0	450	0	468	0	464	0	320	2	320	2	13	0	22	0	22	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
700	457	0	464	0	487	0	484	0	320	2	320	2	20	0	31	0	31	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
800	487	0	495	0	491	0	486	0	320	2	320	2	-11	0	2	0	2	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
900	522	0	529	0	522	0	514	0	320	2	320	2	-14	0	0	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	276	6
1000	514	0	518	0	538	0	527	0	320	2	320	2	9	0	22	0	22	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1100	475	0	477	0	511	0	496	0	320	2	320	2	18	0	36	0	36	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	275	6
1200	504	0	511	0	505	0	498	0	320	2	320	2	-14	0	2	0	2	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1300	498	0	504	0	500	0	491	0	320	2	320	2	-14	0	2	0	2	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1400	487	0	496	0	509	0	500	0	320	2	320	2	2	0	20	0	20	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1500	547	0	554	0	550	0	538	0	320	2	320	2	-18	0	2	0	2	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1600	507	0	516	0	523	0	511	0	320	2	320	2	-5	0	14	0	14	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1700	497	0	495	0	491	0	484	0	320	2	320	2	-11	0	2	0	2	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1800	545	0	552	0	549	0	540	0	320	2	320	2	-11	0	2	0	2	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1900	543	0	550	0	550	0	545	0	320	2	320	2	-5	0	5	0	5	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2000	523	0	529	0	536	0	534	0	320	2	320	2	4	0	13	0	13	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2100	520	0	527	0	540	0	538	0	320	2	320	2	-11	0	18	0	18	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2200	516	0	523	0	532	0	529	0	320	2	320	2	5	0	14	0	14	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2300	514	0	520	0	531	0	529	0	320	2	320	2	9	0	16	0	16	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2400	511	0	518	0	547	0	543	0	320	2	320	2	27	0	36	0	36	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	52	0	67	0	38	0	50	0	0	0	0	0	110	0	117	104	112	0	121	105	81	0	91	78	95	0	101	89	0	0	0	0	0	0
200	46	0	62	0	24	0	37	0	0	0	0	0	124	0	129	119	127	0	134	121	95	0	102	92	110	0	113	108	0	0	0	0	0	0
300	58	0	77	0	78	0	91	0	0	0	0	0	148	0	173	127	150	0	178	134	115	0	124	112	130	0	135	127	0	0	0	0	0	0
400	65	0	73	0	78	0	86	0	0	0	0	0	247	0	266	221	245	0	269	223	227	0	236	213	236	0	243	224	0	0	0	0	0	0
500	35	0	51	0	68	0	78	0	0	0	0	0	204	0	233	182	204	0	237	164	202	0	213	178	211	0	220	193	0	0	0	0	0	0
600	43	0	47	0	52	0	60	0	0	0	0	0	242	0	264	211	239	0	256	196	225	0	227	215	235	0	240	228	0	0	0	0	0	0
700	20	0	33	0	44	0	53	0	0	0	0	0	219	0	256	172	219	0	247	179	217	0	236	202	227	0	242	206	0	0	0	0	0	0
800	14	0	28	0	31	0	40	0	0	0	0	0	231	0	278	193	232	0	279	192	216	0	238	179	225	0	249	204	0	0	0	0	0	0
900	52	0	71	0	62	0	68	0	0	0	0	0	261	0	287	238	259	0	277	236	238	0	248	234	247	0	253	242	0	0	0	0	0	0
1000	34	0	49	0	32	0	41	0	0	0	0	0	258	0	329	205	256	0	293	206	219	0	258	167	229	0	263	191	0	0	0	0	0	0
1100	33	0	51	0	22	0	36	0	0	0	0	0	267	0	297	230	263	0	298	238	245	0	281	203	254	0	282	227	0	0	0	0	0	0
1200	43	0	59	0	44	0	62	0	0	0	0	0	289	0	328	261	287	0	337	255	267	0	284	236	274	0	290	254	0	0	0	0	0	0
1300	34	0	52	0	60	0	77	0	0	0	0	0	306	0	335	283	301	0	333	267	283	0	292	279	292	0	295	285	0	0	0	0	0	0
1400	50	0	71	0	95	0	113	0	0	0	0	0	332	0	18	284	327	0	24	292	309	0	328	284	316	0	335	285	0	0	0	0	0	0
1500	48	0	64	0	80	0	94	0	0	0	0	0	321	0	15	270	318	0	17	271	307	0	329	292	313	0	330	285	0	0	0	0	0	0
1600	38	0	57	0	71	0	82	0	0	0	0	0	327	0	60	272	320	0	8	281	304	0	349	269	312	0	353	289	0	0	0	0	0	0
1700	36	0	53	0	57	0	72	0	0	0	0	0	341	0	21	303	334	0	25	292	325	0	352	305	331	0	4	316	0	0	0	0	0	0
1800	18	0	35	0	36	0	49	0	0	0	0	0	33	3	95	340	28	0	67	326	356	0	33	336	2	0	43	326	0	0	0	0	0	0
1900	15	0	35	0	12	0	27	0	0	0	0	0	73	3	94	56	74	0	90	57	50	3	60	14	63	3	72	38	0	0	0	0	0	0
2000	41	0	56	0	48	0	61	0	0	0	0	0	100	0	114	86	101	0	111	91	75	0	79	68	88	0	93	81	0	0	0	0	0	0
2100	32	0	49	0	26	0	39	0	0	0	0	0	104	0	111	94	104	0	112	97	78	3	82	69	91	0	96	87	0	0	0	0	0	0
2200	53	0	68	0	65	0	78	0	0	0	0	0	100	0	111	92	101	0	108	95	72	0	79	69	88	0	91	87	0	0	0	0	0	0
2300	61	0	76	0	78	0	88	0	0	0	0	0	117	0	120	115	119	0	124	115	88	0	90	80	100	0	103	98	0	0	0	0	0	0
2400	62	0	7/	0	105	0	116	0	0	0	0	0	124	0	133	116	126	0	133	119	96	0	101	89	109	0	115	103	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	520	0	527	0	576	0	574	0	320	2	320	2	47	0	54	0	54	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
200	523	0	531	0	559	0	559	0	320	2	320	2	27	0	34	0	34	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
300	500	0	505	0	556	0	554	0	320	2	320	2	47	0	56	0	56	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
400	464	0	471	0	491	0	487	0	320	2	320	2	14	0	25	0	25	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
500	500	0	507	0	556	0	550	0	320	2	320	2	43	0	54	0	54	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
600	523	0	532	0	540	0	536	0	320	2	320	2	4	0	14	0	14	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
700	536	0	543	0	543	0	538	0	320	2	320	2	-5	0	5	0	5	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	277	0
800	563	0	570	0	563	0	558	0	320	2	320	2	-14	0	2	0	2	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	276	6
900	576	0	581	0	592	0	585	0	320	2	320	2	4	0	14	0	14	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1000	586	0	592	0	588	0	579	0	320	2	320	2	-13	0	0	0	0	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
1100	604	0	608	0	626	0	615	0	320	2	320	2	7	0	20	0	20	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	275	6
1200	606	0	610	0	622	0	610	0	320	2	320	2	0	0	14	0	14	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1300	601	0	604	0	630	0	615	0	320	2	320	2	11	0	27	0	27	2	0	2	475	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1400	608	0	615	0	613	0	604	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1500	637	0	642	0	633	0	624	0	320	2	320	2	-20	0	-4	0	-4	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1600	649	0	657	0	646	0	635	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	496	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1700	655	0	662	0	653	0	646	0	320	2	320	2	-16	0	2	0	2	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1800	658	0	666	0	657	0	651	0	320	2	320	2	-14	0	0	0	0	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1900	649	0	655	0	657	0	651	0	320	2	320	2	-5	0	7	0	7	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
2000	630	0	637	0	642	0	637	0	320	2	320	2	0	0	9	0	9	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
2100	630	0	637	0	644	0	642	0	320	2	320	2	5	0	13	0	13	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2200	612	0	617	0	637	0	633	0	320	2	320	2	14	0	23	0	23	2	0	2	464	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2300	606	0	612	0	631	0	630	0	320	2	320	2	18	0	23	0	23	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
2400	592	0	597	0	628	0	622	0	320	2	320	2	25	0	36	0	36	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED — AEP COOK METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	39	0	77	0	73	0	86	0	0	0	0	0	134	0	149	116	136	0	152	117	109	0	114	92	123	0	128	111	0	0	0	0	0	0
200	59	0	76	0	115	0	125	0	0	0	0	0	130	0	143	122	132	0	138	124	104	0	112	103	119	0	122	117	0	0	0	0	0	0
300	36	0	77	0	100	0	120	0	0	0	0	0	145	0	168	129	149	0	161	139	114	0	116	113	129	0	132	127	0	0	0	0	0	0
400	69	0	84	0	113	0	123	0	0	0	0	0	129	0	133	121	132	0	141	125	118	0	124	114	134	0	138	128	0	0	0	0	0	0
500	50	0	67	0	92	0	107	0	0	0	0	0	134	0	141	121	136	0	145	125	146	0	149	134	159	0	166	146	0	0	0	0	0	0
600	57	0	73	0	87	0	103	0	0	0	0	0	142	0	151	135	145	0	155	136	158	0	161	148	170	0	176	162	0	0	0	0	0	0
700	46	0	66	0	83	0	98	0	0	0	0	0	135	0	146	126	139	0	153	124	147	0	150	145	159	0	165	154	0	0	0	0	0	0
800	37	0	60	0	67	0	81	0	0	0	0	0	130	0	151	112	135	0	158	113	136	0	158	114	150	0	165	131	0	0	0	0	0	0
900	44	0	65	0	57	0	72	0	0	0	0	0	131	0	166	102	132	0	175	106	124	0	144	99	138	0	154	119	0	0	0	0	0	0
1000	41	0	62	0	57	0	71	0	0	0	0	0	134	0	181	90	136	0	178	74	131	0	182	99	144	0	184	100	0	0	0	0	0	0
1100	17	0	35	0	37	0	52	0	0	0	0	0	237	3	342	99	231	0	350	100	148	0	250	92	156	0	261	93	0	0	0	0	0	0
1200	26	0	41	0	45	0	54	0	0	0	0	0	347	3	140	181	171	0	258	95	96	0	173	3	104	0	168	4	0	0	0	0	0	0
1300	58	0	75	0	79	0	96	0	0	0	0	0	135	0	250	92	139	0	239	96	113	0	160	72	128	0	174	89	0	0	0	0	0	0
1400	65	0	87	0	90	0	104	0	0	0	-0	0	145	0	267	92	146	0	244	90	113	0	179	36	127	0	170	37	0	0	0	0	0	0
1500	86	0	108	0	114	0	129	0	0	0	0	0	128	0	177	97	130	0	179	102	115	0	141	93	129	0	154	102	0	0	0	0	0	0
1600	28	0	47	0	56	0	69	0	0	0	0	0	183	3	263	101	180	0	269	105	149	0	268	95	162	0	269	94	0	0	0	0	0	0
1700	39	0	82	0	94	0	111	0	0	0	0	0	137	0	177	73	141	0	235	90	122	0	151	83	135	0	170	92	0	0	0	0	0	0
1800	34	0	58	0	88	0	106	0	0	0	0	0	151	0	268	102	138	0	230	93	122	0	149	0	136	0	164	0	0	0	0	0	0	0
1900	14	0	29	0	40	0	56	0	0	0	0	0	249	3	355	104	237	3	351	90	138	0	182	110	150	0	190	109	0	0	0	0	0	0
2000	34	0	52	0	85	0	99	0	0	0	0	0	153	0	201	117	156	0	193	125	136	0	145	133	149	0	156	142	0	0	0	0	0	0
2100	33	0	58	0	96	0	112	0	0	0	0	0	142	0	166	121	144	0	163	131	132	0	136	124	146	0	149	141	0	0	0	0	0	0
2200	36	0	56	0	95	0	111	0	0	0	0	0	160	0	194	127	162	0	214	124	141	0	156	135	154	0	165	145	0	0	0	0	0	0
2300	49	0	72	0	141	0	155	0	0	0	0	0	147	0	176	114	150	0	176	123	142	0	145	135	154	0	158	152	0	0	0	0	0	0
2400	43	0	67	0	127	0	144	0	0	0	0	0	145	0	177	120	147	0	175	128	145	0	148	144	158	0	162	152	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	HISC 1	S	HISC 2	S	HISC 3	S	HISC 4	S	HISC 5	S	HISC 6	S	HISC 7	S	RAIN	S
100	588	0	595	0	649	0	644	0	320	2	320	2	49	0	59	0	59	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
200	583	0	588	0	630	0	628	0	320	2	320	2	38	0	.45	0	45	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
300	574	0	581	0	639	0	633	0	320	2	320	2	52	0	61	0	61	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
400	565	0	570	0	624	0	617	0	320	2	320	2	47	0	58	0	58	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
500	549	0	556	0	610	0	604	0	320	2	320	2	49	0	59	0	59	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
600	536	0	543	0	595	0	590	0	320	2	320	2	47	0	58	0	58	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
700	538	0	545	0	577	0	572	0	320	2	320	2	27	0	38	0	38	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	276	0
800	574	0	581	0	577	0	572	0	320	2	320	2	-9	0	2	0	2	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	275	6
900	630	0	637	0	619	0	613	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1000	687	0	693	0	669	0	664	0	320	2	320	2	-29	0	-18	0	-18	2	0	2	520	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1100	718	0	723	0	696	0	689	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1200	711	0	716	0	718	0	709	0	320	2	320	2	-7	0	7	0	7	2	0	2	540	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1300	743	0	750	0	723	0	716	0	320	2	320	2	-34	0	-20	0	-20	2	0	2	543	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1400	748	0	756	0	734	0	725	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	547	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1500	754	0	761	0	739	0	732	0	320	2	320	2	-29	0	-14	0	-14	2	0	2	541	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1600	732	0	736	0	739	0	732	0	320	2	320	2	-23	0	-13	0	-13	2	0	2	552	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1700	754	0	761	0	743	0	736	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	552	0	0	2	0	2	0	2	0	2	0	2	0	2	275	0
1800	729	0	732	0	738	0	730	0	320	2	320	2	-2	0	7	0	7	2	0	2	552	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1900	675	0	682	0	714	0	709	0	320	2	320	2	27	0	38	0	38	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	680	0	687	0	702	0	696	0	320	2	320	2	9	0	22	0	22	2	0	2	496	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	664	0	669	0	693	0	687	0	320	2	320	2	16	0	29	0	29	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	649	0	657	0	678	0	671	0	320	2	320	2	16	0	27	0	27	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	637	0	644	0	680	0	673	0	320	2	320	2	31	0	41	0	41	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2400	626	0	631	0	673	0	666	0	320	2	320	2	34	0	45	0	45	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK — METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	60	0	82	0	128	0	142	0	0	0	0	0	134	0	146	125	136	0	145	128	130	0	137	124	144	0	152	140	0	0	0	0	0	0
200	60	0	88	0	139	0	151	0	0	0	0	0	135	0	155	110	140	0	151	123	124	0	126	114	138	0	145	133	0	0	0	0	0	0
300	64	0	91	0	143	0	156	0	0	0	0	0	140	0	168	119	144	0	178	125	131	0	137	124	145	0	150	141	0	0	0	0	0	0
400	64	0	91	0	148	0	163	0	0	0	0	0	140	0	167	110	143	0	168	121	136	0	137	132	150	0	153	147	0	0	0	0	0	0
500	62	0	81	0	140	0	157	0	0	0	0	0	148	0	175	114	150	0	181	129	140	0	146	134	154	0	159	147	0	0	0	0	0	0
600	55	0	79	0	147	0	161	0	0	0	0	0	140	0	167	115	143	0	163	121	137	0	145	134	152	0	159	143	0	0	0	0	0	0
700	54	0	75	0	137	0	156	0	0	0	0	0	149	0	196	109	152	0	194	128	146	0	156	133	160	0	184	148	0	0	0	0	0	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	42	0	57	0	54	0	61	0	0	0	0	0	263	0	351	181	263	0	351	214	207	0	256	90	214	0	260	92	0	0	0	0	0	0
1000	38	0	56	0	43	0	60	0	0	0	0	0	289	0	323	238	285	0	328	219	251	0	275	220	260	0	280	228	0	0	0	0	0	0
1100	39	0	53	0	46	0	55	0	0	0	0	0	259	0	307	208	259	0	310	208	216	0	260	180	223	0	276	185	0	0	0	0	0	0
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1600	24	0	38	0	39	0	55	0	0	0	0	0	304	0	358	239	297	0	348	216	273	0	300	253	281	0	312	261	0	0	0	0	0	0
1700	15	0	30	0	20	0	34	0	0	0	0	0	290	0	341	220	293	3	359	243	267	0	321	221	270	0	334	197	0	0	0	0	0	0
1800	40	0	52	0	79	0	84	0	0	0	0	0	193	0	266	104	192	0	264	100	171	0	220	122	183	0	219	129	0	0	0	0	0	0
1900	33	0	51	0	69	0	80	0	0	0	0	0	181	0	233	117	181	0	231	133	168	0	191	148	177	0	195	157	0	0	0	0	0	0
2000	44	0	65	0	121	0	138	0	0	0	0	0	169	0	239	126	169	0	207	122	159	0	170	135	170	0	193	149	0	0	0	0	0	0
2100	61	0	73	0	137	0	151	0	0	0	0	0	172	0	217	117	171	0	234	114	162	0	182	146	175	0	192	162	0	0	0	0	0	0
2200	60	0	67	0	143	0	158	0	0	0	0	0	174	0	249	124	173	0	254	113	163	0	182	137	176	0	201	144	0	0	0	0	0	0
2300	53	0	72	0	136	0	140	0	0	0	0	0	183	0	237	114	181	0	269	119	168	0	191	146	179	0	205	158	0	0	0	0	0	0
2400	48	0	67	0	140	0	141	0	0	0	0	0	168	0	234	96	172	0	208	123	165	0	180	147	178	0	192	159	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	612	0	617	0	651	0	646	0	320	2	320	2	29	0	40	0	40	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	592	0	599	0	617	0	612	0	320	2	320	2	14	0	25	0	25	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	577	0	585	0	599	0	594	0	320	2	320	2	9	0	20	0	20	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	570	0	576	0	595	0	590	0	320	2	320	2	13	0	23	0	23	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	567	0	572	0	594	0	586	0	320	2	320	2	14	0	27	0	27	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	558	0	565	0	590	0	585	0	320	2	320	2	20	0	31	0	31	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	581	0	586	0	592	0	586	0	320	2	320	2	0	0	11	0	11	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	768	0	772	0	754	0	747	0	320	2	320	2	-25	0	-16	0	-16	2	0	2	549	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	774	0	775	0	777	0	768	0	320	2	320	2	-9	0	4	0	4	2	0	2	549	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	810	0	813	0	790	0	783	0	320	2	320	2	-31	0	-22	0	-22	2	0	2	563	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	788	0	790	0	777	0	766	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	567	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	793	0	797	0	795	0	784	0	320	2	320	2	-13	0	0	0	0	2	0	2	581	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	822	0	828	0	808	0	802	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	586	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	784	0	792	0	792	0	784	0	320	2	320	2	-7	0	5	0	5	2	0	2	556	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	743	0	750	0	759	0	754	0	320	2	320	2	4	0	16	0	16	2	0	2	534	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	721	0	727	0	739	0	734	0	320	2	320	2	5	0	18	0	18	2	0	2	514	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	702	0	709	0	721	0	714	0	320	2	320	2	7	0	18	0	18	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	689	0	698	0	709	0	702	0	320	2	320	2	5	0	16	0	16	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	673	0	680	0	696	0	691	0	320	2	320	2	11	0	22	0	22	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0

STA[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	55	0	73	0	139	0	135	0	0	0	0	0	183	0	240	138	183	0	237	102	171	0	190	147	182	0	200	167	0	0	0	0	0	0
200	45	0	60	0	140	0	139	0	0	0	0	0	195	0	251	131	196	0	254	146	180	0	192	161	191	0	209	176	0	0	0	0	0	0
300	70	0	76	0	167	0	154	0	0	0	0	0	199	0	244	140	204	0	254	135	187	0	194	178	197	0	206	182	0	0	0	0	0	0
400	66	0	73	0	125	0	120	0	0	0	0	0	216	0	248	170	217	0	262	160	196	0	225	164	207	0	237	185	0	0	0	0	0	0
500	73	0	78	0	126	0	128	0	0	0	0	0	224	0	265	160	223	0	256	185	209	0	227	190	217	0	234	200	0	0	0	0	0	0
600	76	0	80	0	126	0	128	0	0	0	0	0	244	0	283	199	240	0	279	206	227	0	247	192	235	0	254	202	0	0	0	0	0	0
700	66	0	71	0	121	0	117	0	0	0	0	0	235	0	266	204	234	0	272	207	222	0	247	203	232	0	250	215	0	0	0	0	0	0
800	76	0	90	0	119	0	137	0	0	0	0	0	255	0	289	196	255	0	293	221	251	0	282	236	259	0	295	199	0	0	0	0	0	0
900	23	0	23	0	15	0	27	0	0	0	0	0	290	0	356	198	295	3	357	210	14	3	112	325	24	3	104	341	0	0	0	0	0	0
1000	121	0	141	0	154	0	168	0	0	0	0	0	340	0	40	289	333	0	19	303	324	0	339	315	331	0	345	320	0	0	0	0	0	0
1100	81	0	94	0	116	0	127	0	0	0	0	0	4	0	77	274	6	0	100	291	349	0	102	273	354	0	37	298	0	0	0	0	0	0
1200	102	0	113	0	138	0	141	0	0	0	0	0	346	0	53	300	342	0	68	284	339	0	12	283	347	0	27	306	0	0	0	0	0	0
1300	71	0	89	0	117	0	126	0	0	0	0	0	7	0	94	296	3	0	91	291	346	0	25	297	355	0	56	285	0	0	0	0	0	0
1400	114	0	130	0	143	0	154	0	0	0	0	0	344	0	35	308	338	0	28	292	339	0	11	316	347	0	35	315	0	0	0	0	0	0
1500	75	0	86	0	135	0	143	0	0	0	0	0	358	0	75	273	1	0	109	298	347	0	59	293	357	0	68	310	0	0	0	0	0	0
1600	92	0	106	0	126	0	137	0	0	0	0	0	30	0	85	308	23	0	75	313	350	0	33	293	358	0	52	290	0	0	0	0	0	0
1700	67	0	89	0	90	0	105	0	0	0	0	0	40	0	103	343	37	0	101	0	5	0	57	317	14	0	59	327	0	0	0	0	0	0
1800	47	0	66	0	74	0	88	0	0	0	0	0	14	0	66	302	11	0	65	270	353	0	44	308	1	0	45	322	0	0	0	0	0	0
1900	59	0	79	0	85	0	101	0	0	0	0	0	54	0	119	17	53	0	91	10	27	0	56	352	38	0	69	4	0	0	0	0	0	0
2000	75	0	88	0	120	0	128	0	0	0	0	0	114	0	141	88	116	0	140	95	87	0	111	47	100	0	168	45	0	0	0	0	0	0
2100	66	0	80	0	148	0	154	0	0	0	0	0	92	0	110	79	92	0	106	80	63	0	71	56	77	0	84	64	0	0	0	0	0	0
2200	55	0	73	0	116	0	124	0	0	0	0	0	88	0	128	48	88	0	129	54	68	0	91	49	81	0	104	61	0	0	0	0	0	0
2300	165	0	180	0	224	0	232	0	0	0	0	0	93	0	126	59	95	0	135	58	73	0	114	60	86	0	126	72	0	0	0	0	0	0
2400	151	0	164	0	196	0	203	0	0	0	0	0	93	0	124	68	92	0	131	63	73	0	102	48	84	0	119	39	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	671	0	678	0	691	0	685	0	320	2	320	2	7	0	20	0	20	2	0	2	489	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	662	0	669	0	693	0	687	0	320	2	320	2	18	0	31	0	31	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	657	0	664	0	691	0	685	0	320	2	320	2	20	0	32	0	32	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	657	0	664	0	680	0	673	0	320	2	320	2	11	0	23	0	23	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	664	0	671	0	685	0	680	0	320	2	320	2	9	0	22	0	22	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	649	0	657	0	662	0	658	0	320	2	320	2	0	0	13	0	13	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	640	0	648	0	653	0	648	0	320	2	320	2	0	0	13	0	13	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	640	0	648	0	658	0	653	0	320	2	320	2	4	0	14	0	14	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	552	0	558	0	577	0	568	0	320	2	320	2	13	0	25	0	25	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	448	0	455	0	451	0	439	0	320	2	320	2	-16	0	4	0	4	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	466	0	475	0	464	0	455	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1200	464	0	471	0	464	0	455	0	320	2	320	2	-18	0	0	0	0	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1300	464	0	473	0	455	0	444	0	320	2	320	2	-27	0	-9	0	-9	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	442	0	450	0	448	0	437	0	320	2	320	2	-13	0	4	0	4	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	448	0	457	0	435	0	426	0	320	2	320	2	-29	0	-14	0	-14	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	435	0	442	0	435	0	426	0	320	2	320	2	-16	0	2	0	2	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	426	0	432	0	423	0	417	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	448	0	455	0	444	0	437	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1900	446	0	453	0	442	0	437	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2000	473	0	478	0	493	0	493	0	320	2	320	2	13	0	20	0	20	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2100	505	0	513	0	577	0	574	0	320	2	320	2	61	0	70	0	70	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	534	0	540	0	574	0	568	0	320	2	320	2	29	0	38	0	38	2	0	2	419	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	563	0	568	0	561	0	556	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
2400	538	0	543	0	534	0	529	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION 01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	105	0	123	0	142	0	154	0	0	0	0	0	95	0	134	65	94	0	148	66	75	0	101	45	85	0	108	58	0	0	0	0	0	0
200	168	0	172	0	216	0	221	0	0	0	0	0	105	0	135	80	106	0	141	78	79	0	102	56	91	0	115	50	0	0	0	0	0	0
300	167	0	180	0	213	0	220	0	0	0	0	0	102	0	140	65	104	0	141	75	80	0	102	59	93	0	114	62	0	0	0	0	0	0
400	187	0	189	0	254	0	260	0	0	0	0	0	110	0	138	80	110	0	143	72	85	0	115	63	99	0	128	67	0	0	0	0	0	0
500	55	0	75	0	84	0	98	0	0	0	0	0	102	0	161	54	101	0	147	61	82	0	123	55	95	0	126	71	0	0	0	0	0	0
600	88	0	103	0	131	0	142	0	0	0	0	0	95	0	122	73	96	0	124	75	77	0	89	69	90	0	135	72	0	0	0	0	0	0
700	208	0	217	0	260	0	267	0	0	0	0	0	96	0	131	66	98	0	133	72	73	0	112	48	86	0	122	48	0	0	0	0	0	0
800	183	0	193	0	227	0	224	0	0	0	0	0	115	0	143	91	117	0	143	88	93	0	123	69	107	0	165	81	0	0	0	0	0	0
900	198	0	214	0	234	0	248	0	0	0	0	0	120	0	146	96	123	0	141	92	102	0	114	89	115	0	130	98	0	0	0	0	0	0
1000	163	0	177	0	208	0	222	0	0	0	0	0	121	0	138	103	124	0	140	100	103	0	120	90	117	0	140	99	0	0	0	0	0	0
1100	181	0	196	0	212	0	217	0	0	0	0	0	120	0	138	103	122	0	146	104	99	0	113	84	114	0	167	95	0	0	0	0	0	0
1200	164	0	180	0	195	0	207	0	0	0	0	0	123	0	140	103	126	0	150	106	105	0	119	91	118	0	135	98	0	0	0	0	0	0
1300	147	0	168	0	178	0	196	0	0	0	0	0	122	0	154	102	126	0	150	105	106	0	125	89	120	0	173	102	0	0	0	0	0	0
1400	134	0	148	0	159	0	169	0	0	0	0	0	117	0	135	95	121	0	142	97	96	0	113	68	111	0	127	88	0	0	0	0	0	0
1500	141	0	158	0	158	0	179	0	0	0	0	0	121	0	135	103	124	0	141	96	107	0	125	91	121	0	146	108	0	0	0	0	0	0
1600	94	0	113	0	120	0	144	0	0	0	0	0	126	0	165	104	130	0	164	112	111	0	126	92	125	0	140	110	0	0	0	0	0	0
1700	23	0	41	0	48	0	62	0	0	0	0	0	164	0	228	109	164	0	221	95	153	0	189	115	165	0	204	131	0	0	0	0	0	0
1800	105	0	126	0	141	0	157	0	0	0	0	0	123	0	152	99	125	0	156	100	107	0	125	91	122	0	136	107	0	0	0	0	0	0
1900	60	0	78	0	88	0	102	0	0	0	0	0	119	0	140	89	121	0	145	89	100	0	123	69	115	0	131	86	0	0	0	0	0	0
2000	25	0	25	0	18	0	32	0	0	0	0	0	216	0	267	108	215	0	267	113	164	0	205	122	177	0	222	137	0	0	0	0	0	0
2100	22	0	44	0	59	0	73	0	0	0	0	0	140	0	193	104	142	0	195	112	135	0	159	113	150	0	172	127	0	0	0	0	0	0
2200	52	0	75	0	85	0	100	0	0	0	0	0	131	0	160	110	134	0	165	90	120	0	135	103	134	0	144	117	0	0	0	0	0	0
2300	37	0	57	0	87	0	101	0	0	0	0	0	162	0	222	101	163	0	227	119	148	0	180	114	161	0	191	134	0	0	0	0	0	0
2400	76	0	83	0	133	0	135	0	0	0	0	0	239	0	271	183	237	0	264	170	227	0	239	205	235	0	255	218	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	513	0	520	0	509	0	505	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
200	497	0	495	0	484	0	480	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
300	471	0	478	0	471	0	466	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
400	466	0	473	0	464	0	459	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	464	0	469	0	460	0	457	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
600	442	0	450	0	448	0	442	0	320	2	320	2	-7	0	4	0	4	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	100	0
700	435	0	441	0	433	0	428	0	320	2	320	2	-11	0	2	0	2	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
800	437	0	446	0	435	0	430	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
900	442	0	450	0	439	0	433	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	104	0
1000	442	0	450	0	441	0	435	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	107	0
1100	451	0	459	0	448	0	442	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	110	0
1200	464	0	471	0	462	0	459	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1300	487	0	496	0	486	0	480	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	115	0
1400	496	0	502	0	493	0	487	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	117	0
1500	513	0	520	0	509	0	505	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1600	525	0	532	0	522	0	518	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1700	518	0	525	0	520	0	516	0	320	2	320	2	-9	0	2	0	2	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1800	513	0	520	0	511	0	507	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	122	0
1900	509	0	514	0	507	0	504	0	320	2	320	2	-11	0	2	0	2	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0
2000	502	0	509	0	503	0	502	0	320	2	320	2	-7	0	2	0	2	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	502	0	507	0	507	0	504	0	320	2	320	2	-5	0	5	0	5	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	502	0	507	0	500	0	496	0	320	2	320	2	-13	0	2	0	2	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2300	493	0	498	0	493	0	487	0	320	2	320	2	-11	0	2	0	2	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2400	471	0	478	0	475	0	471	0	320	2	320	2	-9	0	2	0	2	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0

S[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

R[illegible]NG RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	84	0	86	0	127	0	123	0	0	0	0	0	240	0	289	207	237	0	272	207	220	0	237	201	231	0	251	212	0	0	0	0	0	0
200	52	0	63	0	87	0	92	0	0	0	0	0	229	0	274	194	229	0	271	185	211	0	238	192	221	0	254	194	0	0	0	0	0	0
300	92	0	99	0	148	0	159	0	0	0	0	0	249	0	277	222	247	0	275	210	232	0	239	223	240	0	250	226	0	0	0	0	0	0
400	85	0	91	0	141	0	140	0	0	0	0	0	249	0	280	213	246	0	293	208	233	0	239	215	242	0	250	227	0	0	0	0	0	0
500	30	0	46	0	68	0	76	0	0	0	0	0	228	0	312	186	227	0	314	185	202	0	237	181	213	0	243	192	0	0	0	0	0	0
600	49	0	61	0	64	0	69	0	0	0	0	0	250	0	273	221	247	0	273	219	226	0	246	193	235	0	256	210	0	0	0	0	0	0
700	20	0	32	0	42	0	52	0	0	0	0	0	205	0	256	104	200	0	256	117	189	0	213	147	199	0	223	165	0	0	0	0	0	0
800	59	0	70	0	85	0	90	0	0	0	0	0	250	0	307	216	246	0	280	196	228	0	238	211	237	0	251	226	0	0	0	0	0	0
900	34	0	48	0	56	0	65	0	0	0	0	0	249	0	316	202	248	0	287	203	234	0	257	214	241	0	265	198	0	0	0	0	0	0
1000	26	0	41	0	32	0	44	0	0	0	0	0	249	0	301	212	248	0	295	203	241	0	280	192	246	0	279	193	0	0	0	0	0	0
1100	26	0	45	0	40	0	54	0	0	0	0	0	312	0	356	274	302	0	340	219	296	0	315	272	303	0	327	279	0	0	0	0	0	0
1200	32	0	52	0	43	0	56	0	0	0	0	0	333	0	25	283	328	0	24	273	326	0	3	272	334	0	19	287	0	0	0	0	0	0
1300	38	0	60	0	60	0	76	0	0	0	0	0	338	0	27	284	335	0	13	291	331	0	351	305	337	0	6	299	0	0	0	0	0	0
1400	34	0	54	0	47	0	62	0	0	0	0	0	312	0	359	245	310	0	355	191	319	0	329	294	326	0	346	288	0	0	0	0	0	0
1500	101	0	119	0	128	0	140	0	0	0	0	0	345	0	21	285	339	0	14	295	332	0	10	317	340	0	3	319	0	0	0	0	0	0
1600	84	0	101	0	100	0	114	0	0	0	0	0	345	0	40	297	339	0	15	291	336	0	4	306	345	0	8	311	0	0	0	0	0	0
1700	116	0	133	0	144	0	153	0	0	0	0	0	345	0	11	317	340	0	30	310	333	0	359	315	341	0	14	314	0	0	0	0	0	0
1800	48	0	64	0	72	0	84	0	0	0	0	0	349	0	44	295	340	0	34	288	343	0	49	301	353	0	45	315	0	0	0	0	0	0
1900	25	0	40	0	32	0	46	0	0	0	0	0	32	3	90	296	35	0	143	321	357	0	57	306	5	0	53	323	0	0	0	0	0	0
2000	19	0	35	0	21	0	35	0	0	0	0	0	24	3	83	285	23	0	85	295	1	3	44	314	8	0	53	299	0	0	0	0	0	0
2100	51	0	69	0	76	0	87	0	0	0	0	0	4	0	128	312	358	0	74	302	347	0	26	278	356	0	52	293	0	0	0	0	0	0
2200	44	0	64	0	87	0	95	0	0	0	0	0	27	0	89	315	23	0	92	300	358	0	33	314	7	0	42	323	0	0	0	0	0	0
2300	48	0	66	0	70	0	82	0	0	0	0	0	29	0	67	355	27	0	62	350	1	0	22	328	12	0	41	347	0	0	0	0	0	0
2400	60	0	78	0	85	0	93	0	0	0	0	0	27	0	59	351	21	0	53	335	2	0	23	329	12	0	36	341	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	478	0	486	0	480	0	475	0	320	2	320	2	-11	0	2	0	2	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
200	484	0	491	0	487	0	482	0	320	2	320	2	-9	0	2	0	2	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
300	471	0	478	0	475	0	471	0	320	2	320	2	-7	0	4	0	4	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
400	455	0	462	0	464	0	459	0	320	2	320	2	-4	0	7	0	7	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
500	459	0	466	0	464	0	459	0	320	2	320	2	-7	0	4	0	4	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
600	453	0	460	0	459	0	453	0	320	2	320	2	-7	0	2	0	2	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	462	0	469	0	462	0	459	0	320	2	320	2	-13	0	2	0	2	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
800	462	0	468	0	462	0	459	0	320	2	320	2	-11	0	0	0	0	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
900	451	0	460	0	459	0	453	0	320	2	320	2	-5	0	4	0	4	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	462	0	469	0	464	0	460	0	320	2	320	2	-9	0	0	0	0	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1100	475	0	480	0	469	0	460	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1200	507	0	514	0	507	0	496	0	320	2	320	2	-20	0	-2	0	-2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1300	496	0	505	0	500	0	487	0	320	2	320	2	-18	0	2	0	2	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1400	497	0	493	0	491	0	477	0	320	2	320	2	-14	0	4	0	4	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1500	421	0	428	0	437	0	426	0	320	2	320	2	-4	0	14	0	14	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1600	430	0	435	0	435	0	426	0	320	2	320	2	-11	0	5	0	5	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	399	0	406	0	405	0	397	0	320	2	320	2	-9	0	4	0	4	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1800	397	0	405	0	397	0	392	0	320	2	320	2	-13	0	2	0	2	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	397	0	403	0	396	0	390	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	396	0	401	0	394	0	388	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	358	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2100	388	0	396	0	388	0	383	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2200	406	0	412	0	405	0	401	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2300	417	0	423	0	415	0	412	0	320	2	320	2	-13	0	2	0	2	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2400	423	0	430	0	423	0	417	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	116	0	131	0	156	0	163	0	0	0	0	0	28	0	61	4	24	0	53	338	4	0	33	337	14	0	42	341	0	0	0	0	0	0
200	106	0	119	0	145	0	152	0	0	0	0	0	29	0	58	359	26	0	58	357	4	0	35	339	14	0	45	346	0	0	0	0	0	0
300	119	0	133	0	154	0	159	0	0	0	0	0	30	0	65	1	27	0	69	1	6	0	25	337	17	0	43	358	0	0	0	0	0	0
400	108	0	126	0	139	0	152	0	0	0	0	0	39	0	62	12	37	0	65	356	15	0	37	349	26	0	58	0	0	0	0	0	0	0
500	94	0	117	0	135	0	155	0	0	0	0	0	50	0	86	24	51	0	92	12	28	0	57	4	40	0	71	11	0	0	0	0	0	0
600	86	0	117	0	118	0	146	0	0	0	0	0	62	0	92	33	61	0	95	22	33	0	55	3	48	0	73	14	0	0	0	0	0	0
700	95	0	126	0	134	0	162	0	0	0	0	0	67	0	107	38	67	0	103	27	45	0	69	24	59	0	82	33	0	0	0	0	0	0
800	114	0	134	0	146	0	162	0	0	0	0	0	81	0	118	46	82	0	135	46	56	0	81	25	67	0	95	8	0	0	0	0	0	0
900	153	0	168	0	174	0	185	0	0	0	0	0	84	0	122	52	86	0	127	52	61	0	89	36	71	0	97	17	0	0	0	0	0	0
1000	153	0	160	0	179	0	197	0	0	0	0	0	81	0	126	32	82	0	144	30	56	0	82	25	65	0	173	9	0	0	0	0	0	0
1100	165	0	183	0	195	0	213	0	0	0	0	0	82	0	125	41	81	0	119	30	58	0	82	25	68	0	99	18	0	0	0	0	0	0
1200	152	0	170	0	180	0	202	0	0	0	0	0	76	0	106	42	76	0	108	47	55	0	73	32	63	0	85	14	0	0	0	0	0	0
1300	152	0	177	0	173	0	193	0	0	0	0	0	81	0	134	47	80	0	135	46	61	0	112	33	73	0	114	35	0	0	0	0	0	0
1400	114	0	134	0	133	0	154	0	0	0	0	0	72	0	126	10	68	0	115	9	49	0	92	3	60	0	110	14	0	0	0	0	0	0
1500	143	0	165	0	167	0	186	0	0	0	0	0	76	0	117	33	77	0	124	20	53	0	81	21	66	0	95	37	0	0	0	0	0	0
1600	115	0	148	0	132	0	158	0	0	0	0	0	62	0	113	27	62	0	125	21	41	0	70	9	54	0	91	12	0	0	0	0	0	0
1700	112	0	137	0	148	0	166	0	0	0	0	0	74	0	113	23	76	0	111	35	57	0	91	26	68	0	95	38	0	0	0	0	0	0
1800	59	0	76	0	85	0	98	0	0	0	0	0	30	0	69	357	27	0	71	348	20	0	81	353	32	0	75	13	0	0	0	0	0	0
1900	85	0	109	0	115	0	139	0	0	0	0	0	74	0	100	44	72	0	104	46	49	0	70	26	62	0	86	42	0	0	0	0	0	0
2000	68	0	90	0	95	0	120	0	0	0	0	0	65	0	89	36	66	0	91	39	41	0	60	15	55	0	77	26	0	0	0	0	0	0
2100	51	0	69	0	77	0	87	0	0	0	0	0	36	0	60	10	33	0	68	9	21	0	35	11	31	0	50	16	0	0	0	0	0	0
2200	26	0	49	0	68	0	93	0	0	0	0	0	56	3	68	38	55	0	73	35	36	0	47	25	50	0	61	40	0	0	0	0	0	0
2300	62	0	78	0	112	0	123	0	0	0	0	0	82	0	107	62	82	0	100	63	74	0	80	70	88	0	90	86	0	0	0	0	0	0
2400	75	0	91	0	131	0	139	0	0	0	0	0	82	0	102	59	83	0	97	66	63	0	71	56	76	0	84	38	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	424	0	430	0	423	0	419	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
200	441	0	446	0	442	0	435	0	320	2	320	2	-11	0	0	0	0	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
300	423	0	428	0	419	0	415	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
400	424	0	430	0	419	0	415	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
500	426	0	432	0	424	0	423	0	320	2	320	2	-11	0	-2	0	-2	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
600	426	0	432	0	428	0	423	0	320	2	320	2	-9	0	0	0	0	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	446	0	455	0	442	0	439	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
800	480	0	487	0	471	0	466	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
900	505	0	513	0	493	0	489	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1000	514	0	523	0	502	0	498	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1100	532	0	541	0	518	0	513	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1200	550	0	558	0	536	0	531	0	320	2	320	2	-27	0	-14	0	-14	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1300	567	0	574	0	549	0	541	0	320	2	320	2	-32	0	-16	0	-16	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1400	570	0	579	0	556	0	550	0	320	2	320	2	-31	0	-13	0	-13	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1500	574	0	581	0	558	0	550	0	320	2	320	2	-31	0	-14	0	-14	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1600	572	0	579	0	565	0	558	0	320	2	320	2	-23	0	-7	0	-7	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	570	0	577	0	561	0	554	0	320	2	320	2	-25	0	-11	0	-11	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1800	500	0	505	0	516	0	511	0	320	2	320	2	4	0	18	0	18	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	534	0	540	0	532	0	527	0	320	2	320	2	-13	0	0	0	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2000	498	0	505	0	505	0	500	0	320	2	320	2	-5	0	5	0	5	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2100	428	0	433	0	433	0	428	0	320	2	320	2	-5	0	5	0	5	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2200	415	0	421	0	450	0	448	0	320	2	320	2	27	0	34	0	34	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2300	419	0	424	0	471	0	468	0	320	2	320	2	41	0	52	0	52	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2400	430	0	433	0	468	0	462	0	320	2	320	2	27	0	38	0	38	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REF[illegible]G RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED — AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5 S	WIND SPD6 S	WIND DIR1 50 A	S	MIN	MAX	50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5 S	MIN	MAX	WIND DIR6 S	
100	79	0	93	0	145	0	153	0	0	0	0	0	96	0	117	78	96	0	126	65	70	0	80	67	84	0	88	68	0	0	0
200	91	0	107	0	141	0	149	0	0	0	0	0	85	0	101	55	86	0	109	65	63	0	145	56	71	0	83	30	0	0	0
300	35	0	57	0	79	0	90	0	0	0	0	0	70	0	106	44	70	0	97	44	62	0	71	44	71	0	86	30	0	0	0
400	36	0	60	0	65	0	77	0	0	0	0	0	63	0	88	38	63	0	91	42	56	0	70	37	68	0	87	20	0	0	0
500	58	0	76	0	89	0	97	0	0	0	0	0	82	0	112	61	83	0	105	65	69	0	80	57	81	0	129	39	0	0	0
600	71	0	87	0	118	0	131	0	0	0	0	0	95	0	117	81	94	0	110	82	77	0	79	69	88	0	116	81	0	0	0
700	73	0	89	0	127	0	135	0	0	0	0	0	109	0	132	89	111	0	133	80	86	0	104	78	101	0	139	92	0	0	0
800	88	0	105	0	104	0	115	0	0	0	0	0	123	0	144	99	125	0	146	93	102	0	126	82	115	0	133	90	0	0	0
900	71	0	95	0	95	0	113	0	0	0	0	0	128	0	164	110	130	0	161	101	116	0	157	100	128	0	148	106	0	0	0
1000	72	0	98	0	112	0	125	0	0	0	0	0	134	0	190	99	137	0	187	91	119	0	145	89	133	0	158	91	0	0	0
1100	92	0	112	0	113	0	124	0	0	0	0	0	126	0	174	84	129	0	165	94	108	0	155	67	121	0	160	75	0	0	0
1200	79	0	100	0	108	0	121	0	0	0	0	0	137	0	197	91	140	0	190	100	124	0	159	102	138	0	172	105	0	0	0
1300	39	0	57	0	53	0	67	0	0	0	0	0	130	0	177	39	137	0	201	94	118	0	168	37	129	0	177	1	0	0	0
1400	28	0	45	0	41	0	54	0	0	0	0	0	276	3	358	181	277	0	356	187	228	0	359	92	226	0	358	91	0	0	0
1500	20	0	35	0	38	0	50	0	0	0	0	0	292	3	359	188	298	0	359	194	331	0	137	283	337	0	158	284	0	0	0
1600	49	0	70	0	59	0	72	0	0	0	0	0	351	0	52	295	343	0	22	286	343	0	23	317	351	0	29	324	0	0	0
1700	42	0	65	0	63	0	74	0	0	0	0	0	42	0	84	14	40	0	74	13	17	0	44	358	26	0	59	1	0	0	0
1800	41	0	62	0	48	0	63	0	0	0	0	0	39	0	86	10	36	0	94	12	19	0	56	358	30	0	57	345	0	0	0
1900	41	0	67	0	64	0	85	0	0	0	0	0	49	0	84	26	50	0	74	24	25	0	46	1	39	0	59	21	0	0	0
2000	45	0	70	0	74	0	93	0	0	0	0	0	50	0	80	30	50	0	101	23	25	0	36	9	39	0	54	19	0	0	0
2100	33	0	61	0	58	0	82	0	0	0	0	0	63	0	87	37	63	0	91	33	38	0	47	32	53	0	74	32	0	0	0
2200	46	0	65	0	76	0	99	0	0	0	0	0	78	0	96	59	79	0	105	54	48	0	67	35	63	0	75	51	0	0	0
2300	72	0	90	0	123	0	137	0	0	0	0	0	119	0	131	106	122	0	131	106	113	0	119	103	129	0	134	119	0	0	0
2400	59	0	87	0	145	0	158	0	0	0	0	0	135	0	163	109	137	0	171	15	126	0	136	114	142	0	150	132	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5 S	AMB. TEMP6 S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3 S	D. T. 4 S	MISC 1 S	MISC 2 S	MISC 3 S	MISC 4 S	MISC 5 S	MISC 6 S	MISC 7 S	RAIN	S
100	419	0	424	0	453	0	450	0	320	2	320	2	22	0	34	0	34	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
200	408	0	414	0	424	0	419	0	320	2	320	2	5	0	16	0	16	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
300	383	0	388	0	403	0	399	0	320	2	320	2	9	0	20	0	20	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
400	376	0	379	0	390	0	387	0	320	2	320	2	7	0	16	0	16	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
500	365	0	370	0	390	0	387	0	320	2	320	2	16	0	27	0	27	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
600	356	0	361	0	383	0	378	0	320	2	320	2	16	0	27	0	27	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
700	367	0	372	0	378	0	374	0	320	2	320	2	0	0	13	0	13	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
800	417	0	424	0	412	0	406	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
900	471	0	478	0	459	0	453	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1000	516	0	523	0	498	0	493	0	320	2	320	2	-31	0	-20	0	-20	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1100	538	0	545	0	525	0	520	0	320	2	320	2	-27	0	-13	0	-13	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1200	558	0	565	0	540	0	532	0	320	2	320	2	-31	0	-18	0	-18	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1300	590	0	597	0	568	0	561	0	320	2	320	2	-36	0	-22	0	-22	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1400	577	0	581	0	568	0	559	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1500	574	0	577	0	561	0	549	0	320	2	320	2	-31	0	-14	0	-14	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1600	558	0	567	0	572	0	559	0	320	2	320	2	-5	0	14	0	14	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	532	0	540	0	534	0	527	0	320	2	320	2	-13	0	2	0	2	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1800	523	0	531	0	525	0	520	0	320	2	320	2	-11	0	2	0	2	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	507	0	514	0	505	0	500	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2000	507	0	513	0	507	0	502	0	320	2	320	2	-11	0	0	0	0	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2100	500	0	505	0	504	0	500	0	320	2	320	2	-5	0	5	0	5	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2200	480	0	486	0	495	0	491	0	320	2	320	2	5	0	16	0	16	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2300	482	0	487	0	523	0	520	0	320	2	320	2	31	0	43	0	43	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2400	493	0	500	0	509	0	504	0	320	2	320	2	5	0	16	0	16	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED -- AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	66	0	97	0	143	0	158	0	0	0	0	0	143	0	186	109	146	0	175	124	133	0	157	114	148	0	171	129	0	0	0	0	0	0
200	61	0	96	0	128	0	140	0	0	0	0	0	133	0	154	116	136	0	163	103	124	0	138	111	139	0	153	125	0	0	0	0	0	0
300	60	0	92	0	137	0	149	0	0	0	0	0	133	0	171	109	136	0	153	118	126	0	135	113	141	0	147	136	0	0	0	0	0	0
400	61	0	95	0	148	0	159	0	0	0	0	0	130	0	145	120	135	0	145	125	125	0	135	122	140	0	143	135	0	0	0	0	0	0
500	74	0	100	0	149	0	153	0	0	0	0	0	128	0	147	117	131	0	147	119	120	0	125	114	135	0	138	131	0	0	0	0	0	0
600	68	0	94	0	143	0	149	0	0	0	0	0	129	0	148	117	130	0	144	116	122	0	125	114	136	0	139	132	0	0	0	0	0	0
700	54	0	87	0	137	0	150	0	0	0	0	0	133	0	157	112	136	0	151	122	127	0	138	114	142	0	149	137	0	0	0	0	0	0
800	65	0	96	0	102	0	119	0	0	0	0	0	130	0	159	109	133	0	155	106	122	0	138	111	138	0	153	123	0	0	0	0	0	0
900	64	0	87	0	81	0	98	0	0	0	0	0	132	0	172	112	134	0	185	109	119	0	137	101	134	0	160	115	0	0	0	0	0	0
1000	71	0	97	0	97	0	111	0	0	0	0	0	132	0	165	95	135	0	179	99	116	0	144	88	131	0	159	101	0	0	0	0	0	0
1100	39	0	61	0	56	0	70	0	0	0	0	0	133	0	179	76	136	0	179	71	123	0	166	79	137	0	163	64	0	0	0	0	0	0
1200	31	0	45	0	36	0	51	0	0	0	0	0	305	0	347	223	302	0	358	240	302	0	348	260	308	0	355	274	0	0	0	0	0	0
1300	64	0	84	0	84	0	101	0	0	0	0	0	328	0	14	276	323	0	0	283	313	0	340	279	319	0	327	300	0	0	0	0	0	0
1400	59	0	79	0	83	0	94	0	0	0	0	0	342	0	48	271	337	0	31	293	332	0	358	314	340	0	0	316	0	0	0	0	0	0
1500	44	0	67	0	78	0	91	0	0	0	0	0	347	0	42	290	345	0	34	294	338	0	0	316	345	0	356	305	0	0	0	0	0	0
1600	50	0	69	0	65	0	79	0	0	0	0	0	21	0	71	298	20	0	90	280	349	0	12	295	0	0	32	308	0	0	0	0	0	0
1700	38	0	62	0	79	0	91	0	0	0	0	0	19	0	73	323	17	0	75	299	346	0	21	291	355	0	40	303	0	0	0	0	0	0
1800	40	0	60	0	55	0	67	0	0	0	0	0	32	0	58	4	32	0	69	359	10	0	48	350	23	0	77	349	0	0	0	0	0	0
1900	27	0	47	0	52	0	64	0	0	0	0	0	38	3	75	7	37	0	96	8	12	0	32	351	24	0	60	359	0	0	0	0	0	0
2000	34	0	52	0	35	0	55	0	0	0	0	0	80	0	90	76	81	0	91	75	40	0	46	32	54	0	60	47	0	0	0	0	0	0
2100	51	0	69	0	77	0	87	0	0	0	0	0	98	0	110	82	98	0	113	85	74	0	81	57	87	0	95	75	0	0	0	0	0	0
2200	61	0	78	0	105	0	112	0	0	0	0	0	118	0	124	113	121	0	126	113	85	0	91	80	100	0	104	97	0	0	0	0	0	0
2300	55	0	73	0	122	0	131	0	0	0	0	0	129	0	144	120	131	0	144	119	103	0	104	100	117	0	119	115	0	0	0	0	0	0
2400	66	0	86	0	136	0	147	0	0	0	0	0	130	0	141	120	132	0	143	119	109	0	112	102	123	0	126	120	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	HISC 1	S	HISC 2	S	HISC 3	S	HISC 4	S	HISC 5	S	HISC 6	S	HISC 7	S	RAIN	S
100	498	0	504	0	500	0	495	0	320	2	320	2	-9	0	2	0	2	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
200	491	0	498	0	495	0	489	0	320	2	320	2	-9	0	4	0	4	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
300	471	0	477	0	486	0	480	0	320	2	320	2	4	0	16	0	16	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
400	433	0	439	0	477	0	471	0	320	2	320	2	14	0	25	0	25	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
500	444	0	450	0	468	0	462	0	320	2	320	2	13	0	23	0	23	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
600	437	0	442	0	460	0	457	0	320	2	320	2	13	0	23	0	23	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	450	0	457	0	464	0	459	0	320	2	320	2	2	0	14	0	14	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
800	486	0	493	0	477	0	473	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
900	540	0	547	0	527	0	522	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	576	0	581	0	565	0	559	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1100	619	0	626	0	592	0	586	0	320	2	320	2	-40	0	-27	0	-27	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1200	594	0	597	0	599	0	588	0	320	2	320	2	-9	0	5	0	5	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1300	572	0	577	0	585	0	572	0	320	2	320	2	-5	0	13	0	13	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1400	590	0	597	0	595	0	583	0	320	2	320	2	-14	0	5	0	5	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1500	599	0	608	0	601	0	590	0	320	2	320	2	-16	0	2	0	2	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1600	588	0	599	0	594	0	583	0	320	2	320	2	-14	0	5	0	5	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	576	0	585	0	577	0	568	0	320	2	320	2	-16	0	2	0	2	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1800	583	0	590	0	592	0	585	0	320	2	320	2	-5	0	9	0	9	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1900	574	0	581	0	577	0	572	0	320	2	320	2	-7	0	4	0	4	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2000	547	0	552	0	567	0	567	0	320	2	320	2	13	0	20	0	20	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2100	545	0	550	0	568	0	565	0	320	2	320	2	14	0	25	0	25	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2200	540	0	547	0	579	0	577	0	320	2	320	2	32	0	40	0	40	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2300	536	0	543	0	586	0	583	0	320	2	320	2	40	0	49	0	49	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2400	531	0	538	0	583	0	577	0	320	2	320	2	41	0	52	0	52	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR APRIL 27, 1987 PAGE [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA[illegible]	[illegible]	S
100	39	0	62	0	123	0	136	0	0	0	0	0	144	0	170	120	147	0	174	125	131	0	135	125	145	0	149	142	0	0	0	0	0	0
200	28	0	48	0	110	0	127	0	0	0	0	0	179	0	233	137	182	0	235	114	155	0	160	147	167	0	174	163	0	0	0	0	0	0
300	26	0	48	0	104	0	105	0	0	0	0	0	171	0	233	113	172	0	203	133	170	0	190	145	182	0	205	161	0	0	0	0	0	0
400	39	0	57	0	127	0	132	0	0	0	0	0	158	0	216	105	157	0	197	105	165	0	179	147	178	0	193	160	0	0	0	0	0	0
500	44	0	59	0	131	0	130	0	0	0	0	0	188	0	244	107	189	0	245	117	173	0	200	157	184	0	211	173	0	0	0	0	0	0
600	50	0	67	0	149	0	140	0	0	0	0	0	198	0	255	117	199	0	247	134	185	0	193	170	196	0	208	187	0	0	0	0	0	0
700	51	0	63	0	108	0	104	0	0	0	0	0	213	0	257	162	211	0	248	168	196	0	212	180	205	0	224	191	0	0	0	0	0	0
800	70	0	78	0	108	0	105	0	0	0	0	0	238	0	282	193	236	0	275	202	217	0	245	193	225	0	249	194	0	0	0	0	0	0
900	95	0	89	0	157	0	182	0	0	0	0	0	249	0	301	213	247	0	280	210	230	0	241	223	234	0	243	207	0	0	0	0	0	0
1000	164	0	190	0	250	0	289	0	0	0	0	0	265	0	287	231	263	0	280	237	250	0	267	245	258	0	266	193	0	0	0	0	0	0
1100	109	0	127	0	185	0	197	0	0	0	0	0	309	0	13	271	303	0	358	264	300	0	325	290	306	0	328	290	0	0	0	0	0	0
1200	56	0	68	0	93	0	106	0	0	0	0	0	351	0	67	292	348	0	62	290	335	0	46	283	343	0	41	294	0	0	0	0	0	0
1300	43	0	63	0	83	0	96	0	0	0	0	0	17	0	122	272	20	0	149	315	348	0	55	289	357	0	58	293	0	0	0	0	0	0
1400	34	0	53	0	64	0	77	0	0	0	0	0	0	0	124	274	356	0	128	288	349	0	42	282	359	0	48	291	0	0	0	0	0	0
1500	32	0	51	0	72	0	83	0	0	0	0	0	335	0	111	276	330	0	125	274	348	0	21	312	357	0	41	284	0	0	0	0	0	0
1600	22	0	38	0	39	0	55	0	0	0	0	0	299	3	350	232	295	0	347	232	319	0	347	260	326	0	0	274	0	0	0	0	0	0
1700	35	0	50	0	38	0	54	0	0	0	0	0	256	0	290	223	253	0	290	222	252	0	281	223	260	0	287	213	0	0	0	0	0	0
1800	26	0	45	0	39	0	55	0	0	0	0	0	272	0	337	233	270	0	323	230	276	0	328	227	283	0	350	229	0	0	0	0	0	0
1900	57	0	75	0	103	0	113	0	0	0	0	0	344	0	25	294	339	0	69	290	332	0	3	300	340	0	9	295	0	0	0	0	0	0
2000	79	0	98	0	122	0	130	0	0	0	0	0	27	0	54	355	24	0	59	337	359	0	23	328	11	0	33	327	0	0	0	0	0	0
2100	101	0	118	0	137	0	143	0	0	0	0	0	30	0	56	340	31	0	62	351	7	0	34	336	18	0	50	351	0	0	0	0	0	0
2200	72	0	87	0	115	0	125	0	0	0	0	0	30	0	71	358	26	0	61	350	5	0	23	347	16	0	36	358	0	0	0	0	0	0
2300	36	0	54	0	65	0	77	0	0	0	0	0	16	0	89	330	15	0	67	332	354	0	24	325	3	0	26	325	0	0	0	0	0	0
2400	51	0	71	0	87	0	101	0	0	0	0	0	353	0	36	321	348	0	34	311	339	0	0	326	347	0	358	334	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	HISC 1	S	HISC 2	S	HISC 3	S	HISC 4	S	HISC 5	S	HISC 6	S	HISC 7	S	RAIN	S
100	529	0	536	0	590	0	585	0	320	2	320	2	49	0	61	0	61	2	0	2	419	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
200	516	0	522	0	561	0	558	0	320	2	320	2	36	0	47	0	47	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
300	514	0	520	0	547	0	541	0	320	2	320	2	22	0	32	0	32	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
400	513	0	518	0	558	0	552	0	320	2	320	2	34	0	45	0	45	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
500	520	0	525	0	540	0	534	0	320	2	320	2	9	0	22	0	22	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
600	507	0	514	0	541	0	534	0	320	2	320	2	22	0	34	0	34	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
700	518	0	523	0	525	0	520	0	320	2	320	2	-2	0	9	0	9	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
800	541	0	547	0	534	0	527	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
900	532	0	538	0	550	0	540	0	320	2	320	2	5	0	16	0	16	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	504	0	509	0	531	0	523	0	320	2	320	2	16	0	29	0	29	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1100	482	0	489	0	491	0	482	0	320	2	320	2	-7	0	7	0	7	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1200	502	0	511	0	496	0	487	0	320	2	320	2	-23	0	-7	0	-7	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1300	522	0	531	0	511	0	502	0	320	2	320	2	-29	0	-11	0	-11	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1400	554	0	563	0	541	0	532	0	320	2	320	2	-31	0	-11	0	-11	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1500	550	0	556	0	554	0	543	0	320	2	320	2	-13	0	4	0	4	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1600	558	0	563	0	563	0	554	0	320	2	320	2	-9	0	4	0	4	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1700	518	0	520	0	540	0	531	0	320	2	320	2	9	0	22	0	22	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1800	498	0	504	0	496	0	491	0	320	2	320	2	-13	0	2	0	2	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1900	482	0	487	0	482	0	475	0	320	2	320	2	-11	0	0	0	0	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	466	0	471	0	459	0	455	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2100	460	0	466	0	453	0	450	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2200	460	0	466	0	455	0	451	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2300	453	0	460	0	450	0	444	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2400	435	0	441	0	430	0	426	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR APRIL

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	51	0	72	0	74	0	87	0	0	0	0	0	340	0	10	300	334	0	23	299	328	0	348	296	336	0	353	317	0	0	0	0	0	0
200	68	0	88	0	110	0	125	0	0	0	0	0	306	0	341	274	302	0	332	260	296	0	314	280	302	0	319	285	0	0	0	0	0	0
300	96	0	117	0	145	0	156	0	0	0	0	0	305	0	341	265	305	0	328	271	298	0	318	283	304	0	323	292	0	0	0	0	0	0
400	72	0	92	0	144	0	159	0	0	0	0	0	324	0	9	279	319	0	359	258	315	0	341	281	321	0	350	277	0	0	0	0	0	0
500	80	0	100	0	141	0	161	0	0	0	0	0	337	0	18	291	334	0	22	288	318	0	340	297	324	0	346	297	0	0	0	0	0	0
600	95	0	113	0	149	0	163	0	0	0	0	0	346	0	32	308	343	0	27	298	330	0	358	306	335	0	353	314	0	0	0	0	0	0
700	78	0	92	0	119	0	137	0	0	0	0	0	345	0	29	305	339	0	12	302	326	0	348	296	334	0	358	309	0	0	0	0	0	0
800	73	0	94	0	116	0	133	0	0	0	0	0	312	0	358	227	309	0	353	250	305	0	350	275	312	0	344	276	0	0	0	0	0	0
900	69	0	91	0	115	0	126	0	0	0	0	0	308	0	350	264	306	0	349	235	305	0	324	271	312	0	330	297	0	0	0	0	0	0
1000	76	0	93	0	117	0	133	0	0	0	0	0	315	0	359	269	309	0	359	254	308	0	340	272	316	0	342	277	0	0	0	0	0	0
1100	88	0	103	0	124	0	136	0	0	0	0	0	308	0	358	250	303	0	348	257	303	0	325	282	311	0	338	284	0	0	0	0	0	0
1200	86	0	111	0	134	0	149	0	0	0	0	0	310	0	347	261	306	0	340	270	306	0	328	291	312	0	334	285	0	0	0	0	0	0
1300	64	0	81	0	97	0	108	0	0	0	0	0	308	0	339	272	300	0	326	253	301	0	317	279	308	0	335	288	0	0	0	0	0	0
1400	39	0	55	0	57	0	68	0	0	0	0	0	302	0	347	232	298	0	343	247	306	0	340	265	310	0	341	277	0	0	0	0	0	0
1500	29	0	49	0	40	0	55	0	0	0	0	0	297	3	352	241	289	0	342	203	298	0	336	257	305	0	356	266	0	0	0	0	0	0
1600	32	0	46	0	33	0	47	0	0	0	0	0	302	0	356	232	298	0	346	243	292	0	318	249	300	0	348	269	0	0	0	0	0	0
1700	15	0	32	0	20	0	32	0	0	0	0	0	284	3	356	238	280	0	337	229	256	0	359	211	262	0	335	211	0	0	0	0	0	0
1800	19	0	33	0	28	0	39	0	0	0	0	0	245	0	281	204	243	0	331	213	239	0	284	212	246	0	300	211	0	0	0	0	0	0
1900	25	0	38	0	39	0	51	0	0	0	0	0	220	0	257	171	218	0	254	173	205	0	213	192	214	0	221	204	0	0	0	0	0	0
2000	21	0	39	0	70	0	76	0	0	0	0	0	175	0	223	124	173	0	228	113	171	0	180	158	182	0	194	173	0	0	0	0	0	0
2100	35	0	54	0	80	0	95	0	0	0	0	0	145	0	189	110	147	0	180	124	148	0	160	136	160	0	166	152	0	0	0	0	0	0
2200	37	0	58	0	133	0	136	0	0	0	0	0	176	0	221	133	177	0	228	125	170	0	180	158	181	0	187	173	0	0	0	0	0	0
2300	64	0	78	0	164	0	165	0	0	0	0	0	201	0	245	155	199	0	237	170	205	0	214	193	215	0	225	199	0	0	0	0	0	0
2400	61	0	79	0	146	0	136	0	0	0	0	0	195	0	238	141	196	0	233	145	194	0	213	179	204	0	221	190	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	430	0	435	0	423	0	419	0	320	2	320	2	-18	0	-9	0	-9	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
200	417	0	424	0	414	0	410	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
300	419	0	424	0	414	0	412	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
400	430	0	435	0	428	0	424	0	320	2	320	2	-11	0	2	0	2	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	133	6
500	423	0	428	0	421	0	417	0	320	2	320	2	-11	0	-2	0	-2	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
600	428	0	435	0	424	0	423	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
700	432	0	437	0	430	0	424	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
800	432	0	437	0	428	0	423	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
900	442	0	450	0	437	0	428	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	133	6
1000	448	0	457	0	442	0	433	0	320	2	320	2	-22	0	-7	0	-7	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1100	455	0	462	0	442	0	433	0	320	2	320	2	-29	0	-13	0	-13	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1200	460	0	466	0	444	0	433	0	320	2	320	2	-31	0	-14	0	-14	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1300	482	0	486	0	450	0	441	0	320	2	320	2	-47	0	-32	0	-32	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1400	487	0	489	0	471	0	462	0	320	2	320	2	-27	0	-16	0	-16	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1500	496	0	500	0	491	0	482	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1600	514	0	518	0	507	0	496	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1700	516	0	520	0	504	0	496	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1800	527	0	532	0	529	0	522	0	320	2	320	2	-9	0	2	0	2	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1900	534	0	540	0	536	0	531	0	320	2	320	2	-11	0	0	0	0	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	513	0	520	0	541	0	536	0	320	2	320	2	16	0	27	0	27	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2100	496	0	504	0	538	0	532	0	320	2	320	2	31	0	41	0	41	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2200	498	0	505	0	549	0	543	0	320	2	320	2	38	0	50	0	50	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2300	491	0	498	0	568	0	563	0	320	2	320	2	65	0	77	0	77	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2400	505	0	513	0	554	0	549	0	320	2	320	2	36	0	49	0	49	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR APRIL 27, 1987

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	69	0	80	0	145	0	139	0	0	0	0	0	210	0	246	170	209	0	243	165	204	0	218	180	214	0	236	194	0	0	0	0	0	0
200	112	0	111	0	182	0	170	0	0	0	0	0	227	0	293	188	225	0	264	169	206	0	236	179	215	0	239	186	0	0	0	0	0	0
300	112	0	111	0	185	0	170	0	0	0	0	0	229	0	285	190	229	0	296	185	205	0	225	178	215	0	243	194	0	0	0	0	0	0
400	129	0	127	0	211	0	199	0	0	0	0	0	236	0	291	197	236	0	282	200	211	0	237	178	221	0	245	177	0	0	0	0	0	0
500	185	0	174	0	296	0	285	0	0	0	0	0	245	0	288	204	243	0	292	219	227	0	236	215	237	0	243	224	0	0	0	0	0	0
600	161	0	153	0	250	0	236	0	0	0	0	0	242	0	289	204	242	0	291	208	226	0	257	211	235	0	246	207	0	0	0	0	0	0
700	147	0	144	0	243	0	229	0	0	0	0	0	239	0	271	181	239	0	274	204	222	0	247	202	231	0	251	212	0	0	0	0	0	0
800	142	0	135	0	227	0	215	0	0	0	0	0	238	0	277	196	239	0	280	195	222	0	247	193	230	0	245	212	0	0	0	0	0	0
900	154	0	141	0	218	0	222	0	0	0	0	0	247	0	299	207	246	0	279	206	233	0	242	223	241	0	248	209	0	0	0	0	0	0
1000	93	0	101	0	169	0	189	0	0	0	0	0	253	0	284	216	250	0	286	207	244	0	259	214	252	0	267	193	0	0	0	0	0	0
1100	78	0	89	0	107	0	132	0	0	0	0	0	257	0	285	194	255	0	289	221	252	0	270	226	261	0	357	183	0	0	0	0	0	0
1200	48	0	71	0	78	0	92	0	0	0	0	0	272	0	333	229	270	0	323	234	273	0	313	234	279	0	325	229	0	0	0	0	0	0
1300	48	0	60	0	78	0	91	0	0	0	0	0	347	0	56	276	347	0	122	271	337	0	42	282	348	0	44	296	0	0	0	0	0	0
1400	89	0	109	0	111	0	120	0	0	0	0	0	35	0	86	358	33	0	89	352	13	0	54	349	25	0	63	358	0	0	0	0	0	0
1500	64	0	82	0	83	0	93	0	0	0	0	0	35	0	86	345	32	0	78	354	15	0	44	332	26	0	71	341	0	0	0	0	0	0
1600	96	0	114	0	117	0	123	0	0	0	0	0	37	0	70	3	34	0	67	351	12	0	35	349	24	0	51	337	0	0	0	0	0	0
1700	94	0	112	0	109	0	121	0	0	0	0	0	32	0	65	5	29	0	63	356	17	0	79	350	28	0	70	5	0	0	0	0	0	0
1800	91	0	115	0	123	0	132	0	0	0	0	0	40	0	76	8	37	0	84	358	15	0	43	346	25	0	52	354	0	0	0	0	0	0
1900	99	0	116	0	130	0	139	0	0	0	0	0	36	0	63	13	33	0	73	2	13	0	34	347	24	0	56	352	0	0	0	0	0	0
2000	162	0	174	0	220	0	228	0	0	0	0	0	35	0	66	355	33	0	69	4	11	0	44	349	22	0	51	350	0	0	0	0	0	0
2100	165	0	180	0	229	0	231	0	0	0	0	0	31	0	77	9	27	0	79	359	6	0	34	347	16	0	52	341	0	0	0	0	0	0
2200	136	0	155	0	184	0	188	0	0	0	0	0	36	0	80	9	35	0	74	9	14	0	36	346	27	0	53	3	0	0	0	0	0	0
2300	107	0	136	0	150	0	171	0	0	0	0	0	54	0	86	25	53	0	83	18	29	0	59	358	42	0	71	11	0	0	0	0	0	0
2400	83	0	106	0	113	0	130	0	0	0	0	0	49	0	79	26	49	0	80	14	27	0	59	2	39	0	64	7	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEM6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	514	0	523	0	554	0	549	0	320	2	320	2	25	0	38	0	38	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
200	559	0	568	0	568	0	563	0	320	2	320	2	-2	0	11	0	11	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
300	563	0	570	0	570	0	567	0	320	2	320	2	-5	0	7	0	7	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
400	559	0	568	0	567	0	563	0	320	2	320	2	-5	0	7	0	7	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
500	529	0	536	0	543	0	538	0	320	2	320	2	2	0	14	0	14	2	0	2	419	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
600	520	0	527	0	529	0	525	0	320	2	320	2	-2	0	11	0	11	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
700	523	0	531	0	531	0	525	0	320	2	320	2	-5	0	5	0	5	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
800	538	0	545	0	540	0	534	0	320	2	320	2	-9	0	2	0	2	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
900	540	0	545	0	552	0	547	0	320	2	320	2	2	0	13	0	13	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1000	543	0	549	0	554	0	547	0	320	2	320	2	-2	0	11	0	11	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1100	567	0	570	0	561	0	554	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1200	574	0	577	0	558	0	550	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1300	574	0	583	0	559	0	552	0	320	2	320	2	-31	0	-14	0	-14	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1400	586	0	595	0	597	0	588	0	320	2	320	2	-5	0	11	0	11	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1500	622	0	631	0	626	0	617	0	320	2	320	2	-14	0	4	0	4	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1600	626	0	635	0	635	0	626	0	320	2	320	2	-9	0	7	0	7	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1700	626	0	633	0	630	0	621	0	320	2	320	2	-11	0	4	0	4	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1800	624	0	631	0	628	0	621	0	320	2	320	2	-11	0	4	0	4	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	131	6
1900	595	0	601	0	599	0	594	0	320	2	320	2	-7	0	5	0	5	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	513	0	520	0	511	0	507	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2100	502	0	509	0	504	0	498	0	320	2	320	2	-11	0	2	0	2	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2200	478	0	484	0	475	0	469	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2300	473	0	477	0	469	0	468	0	320	2	320	2	-11	0	-2	0	-2	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2400	468	0	473	0	464	0	460	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	78	0	106	0	102	0	127	0	0	0	0	0	59	0	96	3	58	0	90	7	33	0	58	9	49	0	82	24	0	0	0	0	0	0
200	64	0	88	0	99	0	125	0	0	0	0	0	60	0	84	22	60	0	90	21	33	0	49	4	47	0	73	21	0	0	0	0	0	0
300	99	0	118	0	145	0	151	0	0	0	0	0	34	0	63	7	32	0	74	356	5	0	36	319	16	0	57	334	0	0	0	0	0	0
400	102	0	119	0	139	0	147	0	0	0	0	0	37	0	75	14	35	0	75	6	10	0	33	349	23	0	45	356	0	0	0	0	0	0
500	24	0	50	0	46	0	66	0	0	0	0	0	62	3	84	11	63	0	92	38	36	0	57	12	50	0	69	29	0	0	0	0	0	0
600	101	0	121	0	144	0	153	0	0	0	0	0	36	0	85	4	34	0	72	351	11	0	36	339	23	0	52	359	0	0	0	0	0	0
700	113	0	129	0	130	0	142	0	0	0	0	0	34	0	67	2	34	0	66	0	12	0	48	349	23	0	50	352	0	0	0	0	0	0
800	91	0	108	0	114	0	123	0	0	0	0	0	35	0	67	346	34	0	71	347	10	0	31	338	22	0	54	343	0	0	0	0	0	0
900	80	0	97	0	104	0	112	0	0	0	0	0	26	0	69	316	23	0	77	313	352	0	32	279	1	0	31	297	0	0	0	0	0	0
1000	89	0	107	0	122	0	132	0	0	0	0	0	28	0	92	333	25	0	90	321	353	0	32	304	2	0	36	308	0	0	0	0	0	0
1100	73	0	83	0	102	0	114	0	0	0	0	0	357	0	119	278	350	0	112	273	339	0	35	292	344	0	36	280	0	0	0	0	0	0
1200	79	0	97	0	113	0	123	0	0	0	0	0	349	0	169	286	342	0	175	285	336	0	17	278	348	0	25	292	0	0	0	0	0	0
1300	92	0	114	0	125	0	135	0	0	0	0	0	341	0	41	281	337	0	52	286	330	0	357	303	340	0	40	301	0	0	0	0	0	0
1400	73	0	94	0	112	0	122	0	0	0	0	0	338	0	77	281	336	0	67	292	335	0	15	301	344	0	32	312	0	0	0	0	0	0
1500	64	0	83	0	100	0	109	0	0	0	0	0	353	0	98	274	345	0	61	279	337	0	33	290	346	0	34	292	0	0	0	0	0	0
1600	74	0	90	0	109	0	121	0	0	0	0	0	351	0	53	295	348	0	62	285	340	0	24	283	349	0	27	290	0	0	0	0	0	0
1700	68	0	78	0	87	0	100	0	0	0	0	0	355	0	95	298	349	0	57	298	343	0	20	305	350	0	24	273	0	0	0	0	0	0
1800	56	0	74	0	80	0	91	0	0	0	0	0	26	0	76	316	23	0	80	281	350	0	44	303	358	0	45	310	0	0	0	0	0	0
1900	58	0	76	0	84	0	93	0	0	0	0	0	25	0	73	322	23	0	72	339	351	0	24	293	0	0	35	319	0	0	0	0	0	0
2000	36	0	55	0	63	0	72	0	0	0	0	0	37	0	87	8	35	0	77	357	8	0	44	349	19	0	41	357	0	0	0	0	0	0
2100	19	0	39	0	44	0	66	0	0	0	0	0	76	3	93	50	77	0	97	45	30	0	35	20	44	0	48	35	0	0	0	0	0	0
2200	30	0	50	0	63	0	73	0	0	0	0	0	45	3	63	31	44	0	62	24	7	0	21	359	18	0	34	11	0	0	0	0	0	0
2300	14	0	33	0	33	0	45	0	0	0	0	0	29	3	53	359	27	0	58	353	356	0	12	338	7	0	26	346	0	0	0	0	0	0
2400	11	0	11	0	63	2	9	0	0	0	0	0	71	0	159	326	73	0	162	320	22	0	80	325	33	3	98	328	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	442	0	448	0	441	0	437	0	320	2	320	2	-11	0	2	0	2	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
200	421	0	424	0	421	0	417	0	320	2	320	2	-9	0	0	0	0	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
300	428	0	433	0	421	0	417	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
400	405	0	410	0	396	0	392	0	320	2	320	2	-18	0	-9	0	-9	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
500	388	0	394	0	388	0	387	0	320	2	320	2	-7	0	2	0	2	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
600	388	0	392	0	379	0	376	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	349	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
700	392	0	397	0	383	0	379	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	356	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
800	399	0	406	0	396	0	390	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
900	408	0	417	0	408	0	401	0	320	2	320	2	-16	0	0	0	0	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1000	406	0	414	0	410	0	403	0	320	2	320	2	-11	0	4	0	4	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1100	419	0	426	0	414	0	405	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	133	6
1200	421	0	428	0	415	0	406	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
1300	419	0	426	0	412	0	401	0	320	2	320	2	-25	0	-9	0	-9	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1400	421	0	428	0	410	0	401	0	320	2	320	2	-27	0	-11	0	-11	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1500	426	0	433	0	417	0	409	0	320	2	320	2	-27	0	-11	0	-11	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1600	417	0	424	0	415	0	406	0	320	2	320	2	-20	0	-4	0	-4	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1700	417	0	424	0	417	0	406	0	320	2	320	2	-18	0	-4	0	-4	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1800	410	0	417	0	408	0	401	0	320	2	320	2	-16	0	2	0	2	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1900	399	0	405	0	396	0	390	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
2000	390	0	396	0	381	0	378	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2100	378	0	383	0	383	0	379	0	320	2	320	2	-4	0	5	0	5	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2200	390	0	396	0	405	0	399	0	320	2	320	2	4	0	14	0	14	2	0	2	347	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2300	392	0	397	0	401	0	397	0	320	2	320	2	0	0	9	0	9	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2400	387	0	392	0	388	0	388	0	320	2	320	2	-4	0	4	0	4	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0

STA[illegible] CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	38	0	45	0	54	0	60	0	0	0	0	0	232	0	265	205	229	0	264	186	224	0	238	202	233	0	250	215	0	0	0	0	0	0
200	32	0	50	0	48	0	63	0	0	0	0	0	263	0	299	229	256	0	292	219	245	0	260	225	253	0	267	239	0	0	0	0	0	0
300	45	0	63	0	62	0	79	0	0	0	0	0	262	0	288	233	261	0	285	235	244	0	257	233	254	0	270	243	0	0	0	0	0	0
400	12	0	26	0	21	0	32	0	0	0	0	0	257	0	297	220	255	0	296	223	247	0	280	214	256	0	284	230	0	0	0	0	0	0
500	59	0	79	0	65	0	80	0	0	0	0	0	267	0	300	245	263	0	291	231	252	0	272	222	260	0	284	238	0	0	0	0	0	0
600	17	0	34	0	24	0	36	0	0	0	0	0	252	0	272	231	247	0	264	229	246	0	302	233	255	0	292	241	0	0	0	0	0	0
700	8	0	27	0	53	2	66	2	0	0	0	0	137	0	165	111	140	0	159	117	210	0	249	133	220	0	264	139	0	0	0	0	0	0
800	11	0	11	0	157	2	11	0	0	0	0	0	210	0	269	101	211	3	268	104	240	0	359	188	249	0	351	199	0	0	0	0	0	0
900	20	0	20	0	15	0	23	0	0	0	0	0	292	0	340	187	288	3	341	207	274	3	348	202	287	3	346	214	0	0	0	0	0	0
1000	21	0	21	0	13	0	21	0	0	0	0	0	95	3	168	0	98	3	172	4	98	3	166	8	106	3	175	10	0	0	0	0	0	0
1100	13	0	28	0	14	0	25	0	0	0	0	0	305	0	356	231	295	3	355	243	277	0	315	213	284	0	326	230	0	0	0	0	0	0
1200	14	0	14	0	25	2	15	0	0	0	0	0	269	0	327	182	265	3	310	185	163	3	247	99	182	3	268	107	0	0	0	0	0	0
1300	15	0	15	0	65	2	16	0	0	0	0	0	271	0	338	181	267	3	327	200	213	0	269	102	221	0	268	109	0	0	0	0	0	0
1400	17	0	30	0	27	0	38	0	0	0	0	0	144	3	259	90	142	3	259	90	124	0	177	23	145	0	211	107	0	0	0	0	0	0
1500	24	0	40	0	39	0	51	0	0	0	0	0	123	0	169	72	123	0	176	40	109	0	154	64	124	0	174	75	0	0	0	0	0	0
1600	25	0	44	0	37	0	48	0	0	0	0	0	115	0	159	57	116	0	159	50	101	0	143	45	114	0	142	29	0	0	0	0	0	0
1700	67	0	78	0	89	0	95	0	0	0	0	0	107	0	137	75	106	0	142	67	82	0	111	66	95	0	121	61	0	0	0	0	0	0
1800	69	0	87	0	93	0	102	0	0	0	0	0	92	0	137	50	94	0	131	60	73	0	92	55	89	0	111	74	0	0	0	0	0	0
1900	89	0	106	0	134	0	140	0	0	0	0	0	95	0	136	63	96	0	127	66	73	0	90	45	87	0	103	31	0	0	0	0	0	0
2000	64	0	80	0	106	0	111	0	0	0	0	0	97	0	126	69	99	0	133	78	83	0	92	67	98	0	108	87	0	0	0	0	0	0
2100	96	0	111	0	147	0	153	0	0	0	0	0	90	0	120	71	89	0	116	72	68	0	79	46	81	0	95	48	0	0	0	0	0	0
2200	80	0	93	0	123	0	131	0	0	0	0	0	107	0	135	74	108	0	136	78	89	0	102	75	104	0	114	88	0	0	0	0	0	0
2300	92	0	103	0	141	0	144	0	0	0	0	0	103	0	128	79	103	0	130	79	80	0	91	66	96	0	120	84	0	0	0	0	0	0
2400	68	0	91	0	129	0	140	0	0	0	0	0	131	0	159	102	134	0	168	110	114	0	125	98	131	0	140	113	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	399	0	405	0	403	0	399	0	320	2	320	2	-5	0	5	0	5	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
200	412	0	417	0	410	0	405	0	320	2	320	2	-13	0	0	0	0	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
300	415	0	421	0	412	0	408	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	363	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
400	415	0	423	0	419	0	415	0	320	2	320	2	-7	0	4	0	4	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
500	426	0	433	0	426	0	423	0	320	2	320	2	-11	0	0	0	0	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
600	419	0	424	0	421	0	417	0	320	2	320	2	-7	0	4	0	4	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
700	410	0	415	0	426	0	423	0	320	2	320	2	5	0	16	0	16	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
800	439	0	446	0	439	0	433	0	320	2	320	2	-13	0	0	0	0	2	0	2	370	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
900	455	0	460	0	446	0	441	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1000	482	0	487	0	471	0	466	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1100	498	0	504	0	493	0	487	0	320	2	320	2	-13	0	2	0	2	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	133	6
1200	522	0	525	0	531	0	522	0	320	2	320	2	-4	0	9	0	9	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	133	0
1300	559	0	563	0	550	0	543	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	132	6
1400	583	0	588	0	568	0	561	0	320	2	320	2	-27	0	-13	0	-13	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1500	595	0	601	0	579	0	574	0	320	2	320	2	-27	0	-13	0	-13	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1600	590	0	595	0	581	0	576	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1700	588	0	594	0	583	0	576	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1800	550	0	556	0	545	0	538	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1900	522	0	527	0	522	0	518	0	320	2	320	2	-9	0	2	0	2	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	507	0	513	0	509	0	505	0	320	2	320	2	-7	0	2	0	2	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2100	486	0	493	0	491	0	486	0	320	2	320	2	-5	0	7	0	7	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
2200	477	0	484	0	475	0	475	0	320	2	320	2	-9	0	2	0	2	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	137	0
2300	471	0	477	0	473	0	471	0	320	2	320	2	-5	0	5	0	5	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	140	0
2400	475	0	480	0	480	0	477	0	320	2	320	2	-4	0	9	0	9	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	143	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MAY 2, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	55	0	79	0	118	0	129	0	0	0	0	0	138	0	187	111	140	0	170	118	128	0	144	112	142	0	157	128	0	0	0	0	0	0
200	27	0	49	0	78	0	95	0	0	0	0	0	149	0	199	115	151	0	208	116	148	0	165	121	161	0	178	135	0	0	0	0	0	0
300	42	0	65	0	117	0	122	0	0	0	0	0	176	0	261	119	174	0	240	113	166	0	180	135	179	0	195	163	0	0	0	0	0	0
400	36	0	58	0	110	0	127	0	0	0	0	0	165	0	237	92	164	0	215	119	154	0	169	143	166	0	184	145	0	0	0	0	0	0
500	20	0	38	0	50	0	64	0	0	0	0	0	144	0	218	91	144	0	229	100	147	0	189	102	160	0	191	126	0	0	0	0	0	0
600	21	0	45	0	54	0	68	0	0	0	0	0	129	0	148	106	133	0	157	112	125	0	135	112	139	0	146	129	0	0	0	0	0	0
700	51	0	68	0	75	0	86	0	0	0	0	0	93	0	120	69	92	0	129	65	72	0	90	56	88	0	127	64	0	0	0	0	0	0
800	49	0	68	0	69	0	80	0	0	0	0	0	107	0	137	82	107	0	134	68	82	0	109	56	95	0	120	55	0	0	0	0	0	0
900	37	0	57	0	52	0	63	0	0	0	0	0	113	0	134	80	115	0	141	83	93	0	121	65	109	0	136	81	0	0	0	0	0	0
1000	48	0	65	0	69	0	80	0	0	0	0	0	99	0	125	69	101	0	154	76	81	0	112	54	96	0	126	76	0	0	0	0	0	0
1100	60	0	74	0	74	0	84	0	0	0	0	0	108	0	133	84	110	0	134	81	88	0	109	67	103	0	119	87	0	0	0	0	0	0
1200	38	0	61	0	49	0	63	0	0	0	0	0	119	0	155	72	120	0	162	73	96	0	135	57	107	0	145	64	0	0	0	0	0	0
1300	37	0	55	0	49	0	62	0	0	0	0	0	108	0	142	49	110	0	151	72	94	0	143	64	108	0	147	82	0	0	0	0	0	0
1400	38	0	59	0	55	0	68	0	0	0	0	0	117	0	165	73	119	0	177	63	98	0	125	77	113	0	146	88	0	0	0	0	0	0
1500	59	0	77	0	70	0	84	0	0	0	0	0	97	0	143	34	98	0	139	33	71	0	101	33	81	0	115	5	0	0	0	0	0	0
1600	45	0	61	0	69	0	80	0	0	0	0	0	114	0	176	74	113	0	179	65	93	0	146	13	105	0	158	62	0	0	0	0	0	0
1700	34	0	56	0	49	0	62	0	0	0	0	0	123	0	179	80	125	0	166	85	109	0	146	77	122	0	158	87	0	0	0	0	0	0
1800	57	0	76	0	76	0	87	0	0	0	0	0	89	0	128	51	90	0	145	62	70	0	91	47	81	0	116	38	0	0	0	0	0	0
1900	53	0	72	0	79	0	89	0	0	0	0	0	93	0	137	69	94	0	134	62	73	0	105	46	85	0	125	61	0	0	0	0	0	0
2000	65	0	84	0	98	0	109	0	0	0	0	0	94	0	125	63	95	0	135	59	70	0	93	54	83	0	106	63	0	0	0	0	0	0
2100	42	0	62	0	77	0	88	0	0	0	0	0	93	0	116	63	92	0	119	67	73	0	87	65	85	0	97	58	0	0	0	0	0	0
2200	39	0	58	0	78	0	89	0	0	0	0	0	92	0	129	56	93	0	124	41	69	0	92	46	80	0	104	21	0	0	0	0	0	0
2300	65	0	80	0	110	0	120	0	0	0	0	0	98	0	136	70	99	0	133	72	76	0	92	57	89	0	121	76	0	0	0	0	0	0
2400	62	0	79	0	100	0	112	0	0	0	0	0	116	0	142	92	117	0	138	95	97	0	111	88	112	0	128	99	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEM6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	482	0	487	0	487	0	482	0	320	2	320	2	-5	0	7	0	7	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	148	0
200	487	0	495	0	495	0	489	0	320	2	320	2	-4	0	9	0	9	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	161	0
300	489	0	496	0	491	0	487	0	320	2	320	2	-9	0	2	0	2	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	193	0
400	493	0	500	0	495	0	489	0	320	2	320	2	-9	0	2	0	2	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	211	0
500	496	0	504	0	498	0	495	0	320	2	320	2	-9	0	2	0	2	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	215	0
600	496	0	504	0	500	0	495	0	320	2	320	2	-7	0	4	0	4	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
700	496	0	504	0	496	0	493	0	320	2	320	2	-11	0	0	0	0	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	234	0
800	509	0	516	0	507	0	500	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	234	0
900	518	0	525	0	516	0	511	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	234	0
1000	534	0	540	0	527	0	520	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	233	6
1100	547	0	554	0	543	0	536	0	320	2	320	2	-18	0	-4	0	-4	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1200	556	0	561	0	550	0	541	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1300	577	0	583	0	565	0	558	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1400	583	0	588	0	576	0	570	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1500	595	0	603	0	586	0	581	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
1600	617	0	622	0	604	0	597	0	320	2	320	2	-27	0	-11	0	-11	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1700	603	0	608	0	595	0	590	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	594	0	601	0	590	0	583	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1900	579	0	585	0	577	0	572	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2000	567	0	572	0	567	0	557	0	320	2	320	2	-13	0	2	0	2	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2100	558	0	565	0	559	0	554	0	320	2	320	2	-9	0	2	0	2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
2200	549	0	554	0	550	0	545	0	320	2	320	2	-9	0	2	0	2	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	541	0	549	0	549	0	543	0	320	2	320	2	-4	0	7	0	7	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
2400	538	0	543	0	538	0	532	0	320	2	320	2	-11	0	0	0	0	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	103	0

SI[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
R[illegible]NG RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MAY 3, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	43	0	60	0	78	0	89	0	0	0	0	0	109	0	134	82	109	0	133	80	91	0	103	78	104	0	114	91	0	0	0	0	0	0
200	65	0	82	0	107	0	115	0	0	0	0	0	98	0	138	73	99	0	125	71	78	0	92	57	93	0	110	80	0	0	0	0	0	0
300	107	0	122	0	159	0	166	0	0	0	0	0	108	0	143	78	109	0	134	83	85	0	101	69	99	0	114	86	0	0	0	0	0	0
400	119	0	129	0	165	0	173	0	0	0	0	0	108	0	135	80	110	0	140	80	85	0	102	67	98	0	114	63	0	0	0	0	0	0
500	130	0	145	0	187	0	192	0	0	0	0	0	97	0	124	75	99	0	144	67	77	0	99	65	89	0	125	34	0	0	0	0	0	0
600	149	0	160	0	214	0	220	0	0	0	0	0	107	0	130	71	108	0	145	54	85	0	107	65	99	0	119	74	0	0	0	0	0	0
700	143	0	154	0	194	0	197	0	0	0	0	0	107	0	144	63	109	0	151	62	86	0	102	63	100	0	127	83	0	0	0	0	0	0
800	192	0	0	2	230	0	0	2	0	2	0	2	119	0	81	158	0	2	0	0	87	0	66	102	0	2	0	0	0	2	0	0	0	2
900	180	0	0	2	192	0	0	2	0	2	0	2	123	0	80	153	0	2	0	0	89	0	69	107	0	2	0	0	0	2	0	0	0	2
1000	152	0	0	2	194	0	0	2	0	2	0	2	120	0	75	147	0	2	0	0	89	0	70	116	0	2	0	0	0	2	0	0	0	2
1100	155	0	0	2	213	0	0	2	0	2	0	2	119	0	78	145	0	2	0	0	88	0	65	109	0	2	0	0	0	2	0	0	0	2
1200	138	0	0	2	213	0	0	2	0	2	0	2	122	0	86	149	0	2	0	0	86	0	64	109	0	2	0	0	0	2	0	0	0	2
1300	157	0	0	2	200	0	0	2	0	2	0	2	114	0	80	144	0	2	0	0	88	0	65	106	0	2	0	0	0	2	0	0	0	2
1400	157	0	0	2	192	0	0	2	0	2	0	2	113	0	81	150	0	2	0	0	87	0	61	101	0	2	0	0	0	2	0	0	0	2
1500	117	0	0	2	184	0	0	2	0	2	0	2	105	0	71	136	0	2	0	0	81	0	59	106	0	2	0	0	0	2	0	0	0	2
1600	98	0	114	0	134	0	143	0	0	0	0	0	100	0	135	43	100	0	144	72	81	0	121	57	94	0	124	55	0	0	0	0	0	0
1700	88	0	101	0	127	0	138	0	0	0	0	0	102	0	136	73	104	0	141	69	78	0	108	46	93	0	121	45	0	0	0	0	0	0
1800	119	0	132	0	157	0	167	0	0	0	0	0	116	0	137	78	117	0	153	90	93	0	113	77	107	0	133	79	0	0	0	0	0	0
1900	106	0	122	0	134	0	146	0	0	0	0	0	119	0	148	74	120	0	143	84	93	0	121	69	107	0	126	69	0	0	0	0	0	0
2000	37	0	63	0	67	0	89	0	0	0	0	0	59	0	104	38	61	0	95	33	44	0	88	20	57	0	96	30	0	0	0	0	0	0
2100	45	0	66	0	86	0	97	0	0	0	0	0	81	0	113	59	83	0	106	62	67	0	78	54	79	0	92	45	0	0	0	0	0	0
2200	50	0	70	0	94	0	103	0	0	0	0	0	76	0	94	57	77	0	95	62	58	0	67	46	69	0	80	21	0	0	0	0	0	0
2300	66	0	89	0	125	0	137	0	0	0	0	0	76	0	94	58	78	0	95	60	53	0	58	45	61	0	72	34	0	0	0	0	0	0
2400	61	0	80	0	120	0	129	0	0	0	0	0	96	0	114	83	98	0	127	84	67	0	78	58	78	0	92	20	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	532	0	540	0	532	0	529	0	320	2	320	2	-11	0	0	0	0	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	105	0
200	527	0	532	0	527	0	522	0	320	2	320	2	-11	0	0	0	0	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	108	0
300	509	0	514	0	507	0	502	0	320	2	320	2	-13	0	2	0	2	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	116	0
400	491	0	496	0	489	0	486	0	320	2	320	2	-11	0	0	0	0	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	124	0
500	471	0	477	0	471	0	465	0	320	2	320	2	-11	0	0	0	0	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
600	460	0	466	0	459	0	453	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	446	0	453	0	444	0	437	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
800	458	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	458	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	458	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	435	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	441	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	452	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	465	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	458	0	0	2	0	2	0	2	0	2	0	2	-10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	469	0	475	0	466	0	460	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	478	0	484	0	475	0	471	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1800	489	0	496	0	487	0	484	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1900	493	0	498	0	491	0	486	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2000	466	0	471	0	469	0	466	0	320	2	320	2	-5	0	4	0	4	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2100	451	0	457	0	466	0	462	0	320	2	320	2	5	0	14	0	14	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2200	437	0	442	0	459	0	455	0	320	2	320	2	11	0	20	0	20	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
2300	419	0	424	0	448	0	442	0	320	2	320	2	18	0	27	0	27	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2400	415	0	421	0	439	0	433	0	320	2	320	2	14	0	25	0	25	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	82	0	99	0	146	0	155	0	0	0	0	0	91	0	113	70	92	0	109	79	69	0	78	67	81	0	89	27	0	0	0	0	0	0
200	78	0	95	0	130	0	138	0	0	0	0	0	89	0	119	65	89	0	120	69	66	0	78	57	77	0	94	39	0	0	0	0	0	0
300	66	0	87	0	123	0	130	0	0	0	0	0	74	0	86	59	73	0	93	51	56	0	65	45	63	0	75	18	0	0	0	0	0	0
400	68	0	86	0	114	0	123	0	0	0	0	0	89	0	109	68	90	0	112	68	67	0	77	57	76	0	91	43	0	0	0	0	0	0
500	84	0	102	0	138	0	147	0	0	0	0	0	87	0	114	70	90	0	114	69	66	0	69	57	70	0	82	23	0	0	0	0	0	0
600	97	0	116	0	165	0	171	0	0	0	0	0	83	0	106	59	85	0	107	63	64	0	69	57	71	0	86	17	0	0	0	0	0	0
700	73	0	91	0	125	0	135	0	0	0	0	0	95	0	130	69	96	0	134	68	68	0	89	55	76	0	127	28	0	0	0	0	0	0
800	67	0	85	0	94	0	106	0	0	0	0	0	97	0	131	62	97	0	135	55	76	0	99	56	88	0	138	21	0	0	0	0	0	0
900	97	0	114	0	140	0	144	0	0	0	0	0	103	0	135	63	104	0	132	72	77	0	111	56	92	0	178	51	0	0	0	0	0	0
1000	93	0	106	0	113	0	129	0	0	0	0	0	94	0	136	43	95	0	152	46	78	0	110	45	91	0	175	11	0	0	0	0	0	0
1100	102	0	117	0	124	0	135	0	0	0	0	0	103	0	157	61	103	0	145	62	85	0	123	55	98	0	172	11	0	0	0	0	0	0
1200	95	0	105	0	108	0	125	0	0	0	0	0	104	0	145	59	103	0	148	56	77	0	110	43	89	0	177	6	0	0	0	0	0	0
1300	69	0	87	0	81	0	100	0	0	0	0	0	102	0	151	39	102	0	163	38	81	0	132	12	92	0	172	24	0	0	0	0	0	0
1400	57	0	70	0	80	0	93	0	0	0	0	0	353	0	37	271	351	0	45	282	346	0	22	300	358	0	65	300	0	0	0	0	0	0
1500	75	0	93	0	100	0	112	0	0	0	0	0	19	0	64	305	17	0	129	311	353	0	67	307	2	0	41	324	0	0	0	0	0	0
1600	105	0	128	0	139	0	152	0	0	0	0	0	23	0	80	332	22	0	80	319	354	0	34	306	3	0	35	325	0	0	0	0	0	0
1700	127	0	141	0	157	0	166	0	0	0	0	0	30	0	65	2	28	0	63	320	10	0	47	347	21	0	58	352	0	0	0	0	0	0
1800	127	0	143	0	158	0	167	0	0	0	0	0	34	0	80	350	32	0	74	347	5	0	34	338	16	0	40	343	0	0	0	0	0	0
1900	120	0	141	0	165	0	172	0	0	0	0	0	34	0	77	347	31	0	68	1	9	0	35	349	21	0	51	345	0	0	0	0	0	0
2000	90	0	113	0	136	0	148	0	0	0	0	0	43	0	78	19	40	0	69	5	15	0	44	356	27	0	55	355	0	0	0	0	0	0
2100	57	0	83	0	109	0	123	0	0	0	0	0	49	0	81	18	48	0	72	5	20	0	42	356	33	0	53	14	0	0	0	0	0	0
2200	35	0	59	0	81	0	110	0	0	0	0	0	50	0	72	32	50	0	84	24	29	0	33	23	43	0	50	37	0	0	0	0	0	0
2300	74	0	95	0	159	0	172	0	0	0	0	0	77	0	98	59	79	0	107	58	52	0	58	43	63	0	73	20	0	0	0	0	0	0
2400	78	0	96	0	171	0	174	0	0	0	0	0	105	0	115	88	108	0	122	94	80	0	89	79	97	0	104	92	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	405	0	410	0	426	0	423	0	320	2	320	2	13	0	23	0	23	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
200	394	0	399	0	410	0	405	0	320	2	320	2	5	0	14	0	14	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
300	378	0	383	0	403	0	397	0	320	2	320	2	14	0	25	0	25	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
400	376	0	381	0	392	0	388	0	320	2	320	2	7	0	16	0	16	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
500	365	0	370	0	383	0	379	0	320	2	320	2	9	0	18	0	18	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
600	358	0	365	0	383	0	379	0	320	2	320	2	14	0	25	0	25	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
700	372	0	378	0	370	0	365	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
800	421	0	428	0	412	0	406	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
900	475	0	482	0	464	0	459	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1000	505	0	513	0	496	0	491	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	288	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1100	532	0	540	0	523	0	516	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	292	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1200	559	0	567	0	547	0	538	0	320	2	320	2	-27	0	-13	0	-13	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1300	583	0	590	0	568	0	561	0	320	2	320	2	-31	0	-16	0	-16	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1400	513	0	520	0	518	0	507	0	320	2	320	2	-13	0	7	0	7	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1500	495	0	504	0	498	0	489	0	320	2	320	2	-16	0	2	0	2	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	480	0	489	0	482	0	473	0	320	2	320	2	-16	0	0	0	0	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1700	487	0	495	0	493	0	486	0	320	2	320	2	-9	0	5	0	5	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	473	0	480	0	478	0	471	0	320	2	320	2	-9	0	4	0	4	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	466	0	473	0	468	0	462	0	320	2	320	2	-9	0	2	0	2	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2000	450	0	457	0	448	0	442	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2100	450	0	455	0	453	0	450	0	320	2	320	2	-5	0	4	0	4	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2200	433	0	439	0	462	0	459	0	320	2	320	2	18	0	27	0	27	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
2300	441	0	446	0	489	0	486	0	320	2	320	2	40	0	49	0	49	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2400	439	0	446	0	498	0	495	0	320	2	320	2	49	0	58	0	58	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MAY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX		S
100	88	0	100	0	155	0	165	0	0	0	0	0	114	0	126	90	117	0	137	85	95	0	103	91	110	0	116	105	0	0	0	0	0	0
200	59	0	86	0	134	0	143	0	0	0	0	0	131	0	148	116	134	0	148	124	118	0	123	111	134	0	137	128	0	0	0	0	0	0
300	56	0	87	0	134	0	147	0	0	0	0	0	132	0	157	113	137	0	153	120	125	0	128	124	141	0	143	136	0	0	0	0	0	0
400	31	0	53	0	108	0	121	0	0	0	0	0	125	0	137	116	128	0	137	120	127	0	134	124	143	0	148	137	0	0	0	0	0	0
500	42	0	63	0	89	0	101	0	0	0	0	0	121	0	138	103	124	0	140	105	123	0	134	113	139	0	144	130	0	0	0	0	0	0
600	19	0	40	0	58	0	71	0	0	0	0	0	99	0	112	76	101	0	120	86	123	0	126	113	138	0	141	134	0	0	0	0	0	0
700	34	0	53	0	86	0	98	0	0	0	0	0	110	0	125	91	116	0	141	98	102	0	110	92	118	0	125	113	0	0	0	0	0	0
800	43	0	61	0	46	0	61	0	0	0	0	0	125	0	163	99	129	0	160	108	108	0	125	78	120	0	169	12	0	0	0	0	0	0
900	38	0	66	0	71	0	86	0	0	0	0	0	138	0	189	92	141	0	189	94	125	0	140	110	139	0	160	126	0	0	0	0	0	0
1000	50	0	68	0	59	0	72	0	0	0	0	0	113	0	155	64	116	0	153	72	99	0	123	66	114	0	171	83	0	0	0	0	0	0
1100	40	0	61	0	54	0	69	0	0	0	0	0	90	0	159	34	92	0	154	39	72	0	131	33	86	0	171	14	0	0	0	0	0	0
1200	51	0	71	0	79	0	95	0	0	0	0	0	341	0	62	278	339	0	50	283	330	0	1	301	338	0	11	300	0	0	0	0	0	0
1300	49	0	67	0	69	0	82	0	0	0	0	0	2	0	62	294	3	0	63	274	348	0	67	300	357	0	80	313	0	0	0	0	0	0
1400	57	0	72	0	86	0	96	0	0	0	0	0	347	0	176	274	344	0	55	296	346	0	23	290	356	0	96	305	0	0	0	0	0	0
1500	56	0	75	0	92	0	105	0	0	0	0	0	351	0	46	271	348	0	44	275	343	0	33	283	353	0	47	310	0	0	0	0	0	0
1600	46	0	64	0	76	0	89	0	0	0	0	0	14	0	97	270	12	0	69	302	349	0	35	281	355	0	45	312	0	0	0	0	0	0
1700	80	0	100	0	117	0	125	0	0	0	0	0	20	0	80	326	16	0	52	338	353	0	21	316	2	0	33	332	0	0	0	0	0	0
1800	85	0	107	0	111	0	118	0	0	0	0	0	35	0	69	8	31	0	69	350	4	0	24	326	16	0	37	344	0	0	0	0	0	0
1900	51	0	73	0	83	0	92	0	0	0	0	0	30	0	71	340	30	0	62	351	8	0	31	339	20	0	52	356	0	0	0	0	0	0
2000	34	0	52	0	55	0	67	0	0	0	0	0	31	0	53	6	30	0	60	4	16	0	32	2	28	0	44	8	0	0	0	0	0	0
2100	36	0	58	0	52	0	73	0	0	0	0	0	70	0	77	52	71	0	79	52	35	0	44	31	50	0	60	41	0	0	0	0	0	0
2200	49	0	66	0	90	0	99	0	0	0	0	0	96	0	105	79	97	0	110	82	53	0	58	45	65	0	71	38	0	0	0	0	0	0
2300	55	0	73	0	77	0	87	0	0	0	0	0	112	0	116	110	115	0	122	111	64	0	69	57	78	0	85	75	0	0	0	0	0	0
2400	47	0	64	0	57	0	68	0	0	0	0	0	114	0	121	110	117	0	124	111	69	0	69	68	82	0	84	81	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	442	0	448	0	478	0	475	0	320	2	320	2	25	0	36	0	36	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
200	439	0	444	0	475	0	469	0	320	2	320	2	23	0	34	0	34	2	0	2	376	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
300	432	0	437	0	473	0	469	0	320	2	320	2	31	0	41	0	41	2	0	2	372	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
400	415	0	423	0	477	0	471	0	320	2	320	2	49	0	61	0	61	2	0	2	365	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
500	417	0	423	0	455	0	450	0	320	2	320	2	27	0	38	0	38	2	0	2	367	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
600	394	0	399	0	453	0	448	0	320	2	320	2	49	0	59	0	59	2	0	2	354	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
700	415	0	421	0	448	0	442	0	320	2	320	2	22	0	32	0	32	2	0	2	374	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
800	477	0	482	0	468	0	462	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
900	523	0	531	0	502	0	496	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1000	552	0	559	0	549	0	540	0	320	2	320	2	-18	0	-4	0	-4	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1100	576	0	585	0	565	0	556	0	320	2	320	2	-29	0	-13	0	-13	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1200	534	0	543	0	536	0	527	0	320	2	320	2	-16	0	2	0	2	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	556	0	565	0	552	0	543	0	320	2	320	2	-22	0	-4	0	-4	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	527	0	534	0	529	0	518	0	320	2	320	2	-16	0	2	0	2	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1500	525	0	532	0	518	0	507	0	320	2	320	2	-25	0	-7	0	-7	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	513	0	522	0	511	0	502	0	320	2	320	2	-20	0	-2	0	-2	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1700	502	0	509	0	511	0	502	0	320	2	320	2	-7	0	9	0	9	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	514	0	522	0	520	0	513	0	320	2	320	2	-9	0	4	0	4	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	500	0	505	0	502	0	495	0	320	2	320	2	-11	0	2	0	2	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	475	0	480	0	471	0	468	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2100	448	0	455	0	484	0	480	0	320	2	320	2	27	0	36	0	36	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	459	0	466	0	505	0	505	0	320	2	320	2	41	0	47	0	47	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2300	457	0	462	0	518	0	514	0	320	2	320	2	54	0	61	0	61	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2400	473	0	480	0	532	0	529	0	320	2	320	2	49	0	58	0	58	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK . METEOROLOGICAL DATA FOR MAY [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	43	0	62	0	35	0	46	0	0	0	0	0	130	0	141	121	133	0	141	124	84	0	89	79	98	0	103	92	0	0	0	0	0	0
200	11	0	32	0	0	4	19	0	0	0	0	0	164	0	199	127	165	0	213	138	106	5	113	100	120	5	129	115	0	0	0	0	0	0
300	14	0	39	0	14	0	26	0	0	0	0	0	278	0	295	261	275	0	291	260	232	0	268	180	238	0	273	190	0	0	0	0	0	0
400	24	0	43	0	10	0	24	0	0	0	0	0	252	0	265	234	249	0	258	240	223	5	260	202	232	0	267	213	0	0	0	0	0	0
500	25	0	36	0	52	0	58	0	0	0	0	0	236	0	263	206	235	0	257	207	215	0	225	211	225	0	235	219	0	0	0	0	0	0
600	41	0	52	0	85	0	110	0	0	0	0	0	248	0	276	227	244	0	266	219	243	0	247	236	252	0	257	247	0	0	0	0	0	0
700	30	0	43	0	75	0	85	0	0	0	0	0	242	0	278	199	239	0	271	196	231	0	246	221	241	0	250	230	0	0	0	0	0	0
800	28	0	42	0	58	0	65	0	0	0	0	0	249	0	290	212	246	0	289	218	228	0	246	215	238	0	254	214	0	0	0	0	0	0
900	50	0	65	0	83	0	92	0	0	0	0	0	252	0	283	184	250	0	285	206	231	0	247	199	240	0	271	210	0	0	0	0	0	0
1000	78	0	82	0	108	0	115	0	0	0	0	0	245	0	288	215	245	0	277	210	228	0	247	191	234	0	248	185	0	0	0	0	0	0
1100	87	0	94	0	123	0	128	0	0	0	0	0	247	0	289	217	244	0	282	205	238	0	246	215	247	0	256	236	0	0	0	0	0	0
1200	61	0	74	0	104	0	127	0	0	0	0	0	257	0	296	220	254	0	309	224	252	0	269	224	261	0	38	188	0	0	0	0	0	0
1300	65	0	88	0	96	0	115	0	0	0	0	0	262	0	287	230	261	0	297	218	255	0	267	223	263	0	275	186	0	0	0	0	0	0
1400	62	0	84	0	76	0	94	0	0	0	0	0	262	0	286	229	260	0	300	231	259	0	277	247	268	0	359	192	0	0	0	0	0	0
1500	41	0	59	0	40	0	52	0	0	0	0	0	259	0	295	206	254	0	288	213	232	0	270	191	238	0	266	186	0	0	0	0	0	0
1600	37	0	51	0	37	0	48	0	0	0	0	0	255	0	295	211	255	0	301	206	224	0	257	177	233	0	263	190	0	0	0	0	0	0
1700	37	0	54	0	48	0	59	0	0	0	0	0	250	0	310	198	250	0	297	223	238	0	269	210	245	0	284	192	0	0	0	0	0	0
1800	21	0	41	0	35	0	53	0	0	0	0	0	250	0	284	213	251	0	280	207	244	0	281	214	254	0	272	227	0	0	0	0	0	0
1900	17	0	31	0	39	0	50	0	0	0	0	0	233	0	260	190	230	0	258	186	227	0	244	203	236	0	250	217	0	0	0	0	0	0
2000	32	0	49	0	52	0	60	0	0	0	0	0	207	0	219	175	206	0	223	173	213	0	223	202	223	0	227	215	0	0	0	0	0	0
2100	42	0	57	0	78	0	85	0	0	0	0	0	209	0	243	171	206	0	229	182	211	0	213	203	220	0	222	214	0	0	0	0	0	0
2200	40	0	51	0	80	0	88	0	0	0	0	0	219	0	248	192	217	0	248	185	208	0	231	196	218	0	237	196	0	0	0	0	0	0
2300	63	0	78	0	103	0	114	0	0	0	0	0	316	0	168	205	314	0	71	198	271	0	359	199	270	0	359	200	0	0	0	0	0	0
2400	53	0	84	0	90	0	116	0	0	0	0	0	62	0	87	25	64	0	85	39	40	0	66	23	54	0	70	35	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	478	0	484	0	525	0	525	0	320	2	320	2	43	0	49	0	49	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
200	469	0	475	0	511	0	509	0	320	2	320	2	36	0	43	0	43	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
300	435	0	442	0	486	0	482	0	320	2	320	2	38	0	49	0	49	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
400	441	0	450	0	459	0	457	0	320	2	320	2	7	0	18	0	18	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
500	441	0	448	0	478	0	475	0	320	2	320	2	27	0	38	0	38	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
600	437	0	444	0	462	0	459	0	320	2	320	2	13	0	25	0	25	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
700	451	0	460	0	480	0	475	0	320	2	320	2	16	0	29	0	29	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
800	493	0	498	0	507	0	500	0	320	2	320	2	2	0	14	0	14	2	0	2	419	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
900	507	0	511	0	525	0	518	0	320	2	320	2	7	0	20	0	20	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1000	531	0	536	0	538	0	534	0	320	2	320	2	0	0	11	0	11	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1100	554	0	558	0	568	0	565	0	320	2	320	2	7	0	16	0	16	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1200	572	0	577	0	576	0	568	0	320	2	320	2	-7	0	5	0	5	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	601	0	604	0	604	0	595	0	320	2	320	2	-9	0	4	0	4	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	619	0	622	0	617	0	604	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1500	646	0	649	0	640	0	637	0	320	2	320	2	-11	0	2	0	2	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	660	0	664	0	642	0	639	0	320	2	320	2	-23	0	-14	0	-14	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1700	664	0	667	0	658	0	653	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	502	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1800	662	0	666	0	660	0	653	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	505	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	642	0	649	0	648	0	642	0	320	2	320	2	-7	0	4	0	4	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	622	0	630	0	637	0	633	0	320	2	320	2	4	0	13	0	13	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	617	0	624	0	664	0	658	0	320	2	320	2	34	0	47	0	47	2	0	2	466	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2200	639	0	648	0	664	0	658	0	320	2	320	2	13	0	23	0	23	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2300	622	0	631	0	649	0	640	0	320	2	320	2	9	0	25	0	25	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	590	0	595	0	590	0	585	0	320	2	320	2	-11	0	2	0	2	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0

SI[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOP. METEOROLOGICAL

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	96	0	122	0	144	0	166	0	0	0	0	0	75	0	109	48	74	0	98	40	49	0	68	32	62	0	85	32	0	0	0	0	0	0
200	105	0	126	0	148	0	162	0	0	0	0	0	82	0	116	39	83	0	110	56	57	0	77	34	68	0	92	25	0	0	0	0	0	0
300	102	0	120	0	151	0	158	0	0	0	0	0	86	0	111	58	86	0	112	65	61	0	80	45	73	0	89	37	0	0	0	0	0	0
400	81	0	98	0	124	0	132	0	0	0	0	0	90	0	126	68	90	0	116	71	64	0	79	46	77	0	92	44	0	0	0	0	0	0
500	48	0	68	0	98	0	107	0	0	0	0	0	90	0	114	71	90	0	114	63	65	0	69	57	79	0	84	64	0	0	0	0	0	0
600	32	0	53	0	80	0	90	0	0	0	0	0	87	0	109	70	86	0	103	71	65	0	68	56	77	0	84	74	0	0	0	0	0	0
700	25	0	51	0	76	0	92	0	0	0	0	0	70	3	104	49	71	0	97	49	50	0	58	42	64	0	71	46	0	0	0	0	0	0
800	61	0	82	0	72	0	87	0	0	0	0	0	80	0	115	52	83	0	118	50	55	0	82	22	68	0	96	9	0	0	0	0	0	0
900	54	0	78	0	73	0	86	0	0	0	0	0	80	0	129	41	80	0	114	51	59	0	91	38	70	0	94	15	0	0	0	0	0	0
1000	30	0	30	0	29	0	40	0	0	0	0	0	354	0	107	271	355	3	95	278	25	3	153	297	42	0	125	0	0	0	0	0	0	0
1100	49	0	65	0	67	0	78	0	0	0	0	0	345	0	58	275	346	0	110	271	343	0	20	278	353	0	65	288	0	0	0	0	0	0
1200	33	0	46	0	47	0	62	0	0	0	0	0	11	0	175	275	12	0	102	270	341	0	80	282	346	0	51	272	0	0	0	0	0	0
1300	42	0	62	0	73	0	87	0	0	0	0	0	19	0	80	312	21	0	79	270	348	0	114	282	356	0	47	304	0	0	0	0	0	0
1400	42	0	50	0	50	0	60	0	0	0	0	0	353	0	90	272	353	0	101	287	348	0	46	305	358	0	159	281	0	0	0	0	0	0
1500	34	0	59	0	55	0	67	0	0	0	0	0	344	0	64	281	343	0	33	283	340	0	1	304	347	0	11	277	0	0	0	0	0	0
1600	19	0	38	0	33	0	49	0	0	0	0	0	310	3	359	240	318	0	38	274	309	0	339	278	314	0	336	271	0	0	0	0	0	0
1700	36	0	57	0	45	0	54	0	0	0	0	0	267	0	305	228	263	0	298	235	231	0	257	203	241	0	266	205	0	0	0	0	0	0
1800	12	0	32	0	19	0	35	0	0	0	0	0	262	0	299	236	261	0	297	237	254	0	280	225	262	0	278	237	0	0	0	0	0	0
1900	49	0	68	0	98	0	113	0	0	0	0	0	344	0	34	274	342	0	39	276	328	0	351	305	335	0	2	314	0	0	0	0	0	0
2000	27	0	49	0	43	0	58	0	0	0	0	0	312	0	349	292	309	0	346	292	303	0	328	290	310	0	338	295	0	0	0	0	0	0
2100	27	0	50	0	50	0	67	0	0	0	0	0	311	0	347	265	307	0	336	261	303	0	325	259	310	0	332	275	0	0	0	0	0	0
2200	35	0	58	0	67	0	84	0	0	0	0	0	304	0	328	281	300	0	325	274	299	0	317	281	305	0	324	292	0	0	0	0	0	0
2300	27	0	48	0	33	0	50	0	0	0	0	0	335	0	354	304	331	0	350	314	314	0	325	304	320	0	328	315	0	0	0	0	0	0
2400	19	0	37	0	30	0	47	0	0	0	0	0	242	0	270	215	239	0	263	215	248	0	270	234	256	0	274	246	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	581	0	588	0	581	0	576	0	320	2	320	2	-11	0	0	0	0	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
200	563	0	568	0	565	0	559	0	320	2	320	2	-9	0	2	0	2	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	550	0	558	0	554	0	549	0	320	2	320	2	-9	0	4	0	4	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
400	538	0	545	0	545	0	538	0	320	2	320	2	-5	0	5	0	5	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
500	525	0	532	0	540	0	534	0	320	2	320	2	4	0	14	0	14	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
600	520	0	523	0	538	0	532	0	320	2	320	2	7	0	18	0	18	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	527	0	532	0	536	0	531	0	320	2	320	2	2	0	9	0	9	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
800	559	0	567	0	550	0	545	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
900	590	0	595	0	572	0	567	0	320	2	320	2	-31	0	-16	0	-16	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1000	603	0	610	0	610	0	597	0	320	2	320	2	-13	0	5	0	5	2	0	2	498	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1100	547	0	554	0	543	0	532	0	320	2	320	2	-22	0	-4	0	-4	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1200	549	0	558	0	536	0	527	0	320	2	320	2	-31	0	-14	0	-14	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	549	0	561	0	541	0	531	0	320	2	320	2	-29	0	-9	0	-9	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	561	0	568	0	552	0	541	0	320	2	320	2	-27	0	-9	0	-9	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1500	581	0	590	0	581	0	572	0	320	2	320	2	-18	0	0	0	0	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	610	0	613	0	599	0	588	0	320	2	320	2	-23	0	-13	0	-13	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1700	612	0	615	0	621	0	613	0	320	2	320	2	-2	0	9	0	9	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	599	0	601	0	606	0	599	0	320	2	320	2	-2	0	11	0	11	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	586	0	592	0	595	0	588	0	320	2	320	2	-4	0	7	0	7	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	568	0	574	0	579	0	574	0	320	2	320	2	0	0	11	0	11	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	536	0	541	0	541	0	534	0	320	2	320	2	-5	0	5	0	5	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2200	520	0	525	0	538	0	534	0	320	2	320	2	9	0	18	0	18	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2300	529	0	534	0	541	0	538	0	320	2	320	2	4	0	13	0	13	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	513	0	520	0	529	0	525	0	320	2	320	2	7	0	16	0	16	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	20	0	20	0	50	2	16	0	0	0	0	0	102	0	170	38	109	5	157	96	278	0	315	259	285	0	309	261	0	0	0	0	0	0
200	19	0	19	0	13	0	28	0	0	0	0	0	28	0	53	15	28	3	56	11	319	5	327	314	325	0	335	321	0	0	0	0	0	0
300	23	0	23	0	25	0	40	0	0	0	0	0	345	0	358	317	341	3	4	309	303	0	314	293	311	0	316	304	0	0	0	0	0	0
400	8	0	29	0	25	0	39	0	0	0	0	0	77	3	90	42	83	3	92	58	328	0	337	324	337	0	343	329	0	0	0	0	0	0
500	24	0	43	0	27	0	39	0	0	0	0	0	107	0	120	97	110	0	124	97	57	3	67	46	71	0	77	64	0	0	0	0	0	0
600	11	0	32	0	13	2	17	0	0	0	0	0	118	0	146	104	121	0	150	103	48	3	81	31	63	3	97	43	0	0	0	0	0	0
700	29	0	29	0	11	0	22	0	0	0	0	0	141	0	197	122	141	0	168	117	73	3	100	45	88	3	112	64	0	0	0	0	0	0
800	25	0	44	0	29	0	43	0	0	0	0	0	125	0	165	95	126	0	159	65	127	0	147	100	141	0	160	119	0	0	0	0	0	0
900	46	0	70	0	55	0	69	0	0	0	0	0	268	0	296	226	266	0	292	232	240	0	258	201	246	0	271	209	0	0	0	0	0	0
1000	46	0	62	0	58	0	74	0	0	0	0	0	296	0	332	252	293	0	325	258	286	0	302	269	296	0	340	278	0	0	0	0	0	0
1100	63	0	83	0	61	0	79	0	0	0	0	0	300	0	330	265	297	0	326	272	274	0	294	249	282	0	348	266	0	0	0	0	0	0
1200	34	0	46	0	48	0	60	0	0	0	0	0	297	0	353	231	290	0	350	208	305	0	346	270	314	0	1	279	0	0	0	0	0	0
1300	32	0	54	0	58	0	77	0	0	0	0	0	298	0	334	249	293	0	329	244	276	0	291	259	283	0	294	270	0	0	0	0	0	0
1400	58	0	79	0	66	0	84	0	0	0	0	0	292	0	317	262	288	0	316	256	281	0	303	268	289	0	348	278	0	0	0	0	0	0
1500	54	0	71	0	57	0	72	0	0	0	0	0	266	0	293	233	262	0	300	235	264	0	291	238	271	0	306	196	0	0	0	0	0	0
1600	31	0	52	0	52	0	70	0	0	0	0	0	302	0	342	271	295	0	348	253	302	0	324	246	308	0	324	274	0	0	0	0	0	0
1700	23	0	23	0	17	0	30	0	0	0	0	0	316	0	36	272	310	3	353	232	341	5	2	293	350	3	15	315	0	0	0	0	0	0
1800	15	0	15	0	66	2	9	0	0	0	0	0	296	0	354	216	290	3	356	191	1	0	124	281	10	3	122	284	0	0	0	0	0	0
1900	14	0	33	0	23	0	38	0	0	0	0	0	132	0	171	86	132	0	164	102	118	0	137	100	132	0	151	111	0	0	0	0	0	0
2000	26	0	47	0	77	0	93	0	0	0	0	0	168	0	222	131	167	0	206	127	155	0	159	146	167	0	174	162	0	0	0	0	0	0
2100	36	0	57	0	120	0	132	0	0	0	0	0	175	0	253	103	176	0	237	128	165	0	170	155	176	0	184	169	0	0	0	0	0	0
2200	41	0	61	0	141	0	156	0	0	0	0	0	171	0	226	123	170	0	215	108	162	0	169	155	174	0	181	164	0	0	0	0	0	0
2300	54	0	73	0	168	0	160	0	0	0	0	0	184	0	258	124	179	0	227	113	169	0	187	147	180	0	194	163	0	0	0	0	0	0
2400	62	0	79	0	179	0	169	0	0	0	0	0	183	0	239	135	187	0	243	109	172	0	183	159	184	0	196	174	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	486	0	493	0	529	0	529	0	320	2	320	2	36	0	43	0	43	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
200	482	0	489	0	540	0	538	0	320	2	320	2	49	0	58	0	58	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	527	0	532	0	543	0	543	0	320	2	320	2	11	0	16	0	16	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
400	478	0	486	0	536	0	532	0	320	2	320	2	47	0	56	0	56	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
500	464	0	471	0	507	0	507	0	320	2	320	2	36	0	43	0	43	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
600	486	0	493	0	505	0	505	0	320	2	320	2	13	0	18	0	18	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
700	504	0	511	0	522	0	518	0	320	2	320	2	7	0	18	0	18	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
800	532	0	538	0	540	0	532	0	320	2	320	2	-23	0	-13	0	-13	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
900	525	0	527	0	545	0	538	0	320	2	320	2	9	0	22	0	22	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1000	523	0	529	0	518	0	507	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1100	520	0	523	0	523	0	513	0	320	2	320	2	-11	0	4	0	4	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1200	531	0	531	0	509	0	502	0	320	2	320	2	-29	0	-20	0	-20	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	547	0	547	0	545	0	532	0	320	2	320	2	-14	0	2	0	2	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1400	541	0	543	0	527	0	514	0	320	2	320	2	-29	0	-14	0	-14	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1500	532	0	534	0	518	0	509	0	320	2	320	2	-23	0	-14	0	-14	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	549	0	554	0	543	0	536	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1700	595	0	599	0	610	0	599	0	320	2	320	2	0	0	14	0	14	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	630	0	633	0	640	0	630	0	320	2	320	2	-2	0	9	0	9	2	0	2	498	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	626	0	631	0	624	0	617	0	320	2	320	2	-13	0	2	0	2	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	594	0	601	0	613	0	608	0	320	2	320	2	7	0	20	0	20	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	577	0	583	0	612	0	604	0	320	2	320	2	22	0	32	0	32	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2200	561	0	568	0	606	0	601	0	320	2	320	2	32	0	45	0	45	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2300	552	0	559	0	592	0	585	0	320	2	320	2	27	0	38	0	38	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	545	0	550	0	576	0	570	0	320	2	320	2	20	0	31	0	31	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0

ST[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA[illegible]	WIND [illegible]6	S
100	59	0	73	0	186	0	179	0	0	0	0	0	190	0	243	118	190	0	269	115	176	0	199	157	187	0	209	171	0	0	0	0	0	0
200	67	0	81	0	187	0	178	0	0	0	0	0	187	0	258	122	187	0	262	122	174	0	190	155	185	0	198	160	0	0	0	0	0	0
300	66	0	75	0	163	0	156	0	0	0	0	0	196	0	258	129	200	0	263	92	182	0	201	167	191	0	212	174	0	0	0	0	0	0
400	59	0	73	0	141	0	135	0	0	0	0	0	213	0	250	148	212	0	263	151	200	0	221	177	211	0	231	181	0	0	0	0	0	0
500	91	0	99	0	157	0	153	0	0	0	0	0	227	0	280	187	228	0	269	188	206	0	238	178	216	0	242	194	0	0	0	0	0	0
600	92	0	94	0	153	0	146	0	0	0	0	0	237	0	278	205	238	0	275	196	211	0	227	178	222	0	245	183	0	0	0	0	0	0
700	125	0	119	0	187	0	180	0	0	0	0	0	233	0	268	0	232	0	266	0	211	0	240	0	219	0	245	0	0	0	0	0	0	0
800	59	2	73	2	141	2	135	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
900	91	2	99	2	157	2	153	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	92	2	94	2	153	2	146	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	102	0	100	0	166	0	157	0	0	0	0	0	241	0	299	190	239	0	275	187	223	0	247	190	232	0	274	202	0	0	0	0	0	0
1200	141	0	138	0	203	0	199	0	0	0	0	0	247	0	288	210	244	0	272	209	227	0	247	214	236	0	246	217	0	0	0	0	0	0
1300	76	0	85	0	141	0	150	0	0	0	0	0	250	0	293	216	250	0	290	198	241	0	261	211	250	0	265	228	0	0	0	0	0	0
1400	82	0	106	0	132	0	161	0	0	0	0	0	264	0	291	209	260	0	292	225	247	0	270	227	255	0	262	234	0	0	0	0	0	0
1500	74	0	97	0	125	0	151	0	0	0	0	0	264	0	296	232	260	0	291	237	249	0	258	238	258	0	268	249	0	0	0	0	0	0
1600	65	0	86	0	118	0	139	0	0	0	0	0	266	0	307	219	263	0	297	224	254	0	268	238	263	0	275	249	0	0	0	0	0	0
1700	69	0	89	0	120	0	141	0	0	0	0	0	267	0	297	235	263	0	305	218	252	0	266	236	261	0	271	244	0	0	0	0	0	0
1800	76	0	85	0	129	0	142	0	0	0	0	0	249	0	284	212	245	0	270	217	242	0	256	223	251	0	267	231	0	0	0	0	0	0
1900	128	0	126	0	232	0	225	0	0	0	0	0	245	0	275	208	241	0	264	197	235	0	247	215	241	0	253	207	0	0	0	0	0	0
2000	155	0	145	0	241	0	246	0	0	0	0	0	244	0	293	183	240	0	279	190	228	0	243	204	237	0	256	210	0	0	0	0	0	0
2100	91	0	92	0	169	0	162	0	0	0	0	0	230	0	278	185	231	0	268	185	213	0	233	193	222	0	253	194	0	0	0	0	0	0
2200	118	0	116	0	196	0	185	0	0	0	0	0	235	0	291	202	234	0	294	191	213	0	236	184	222	0	243	199	0	0	0	0	0	0
2300	145	0	139	0	240	0	219	0	0	0	0	0	237	0	271	182	236	0	274	187	216	0	234	187	224	0	251	197	0	0	0	0	0	0
2400	158	0	149	0	237	0	219	0	0	0	0	0	236	0	289	189	235	0	266	191	219	0	238	192	228	0	241	210	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	538	0	545	0	568	0	563	0	320	2	320	2	20	0	31	0	31	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
200	541	0	549	0	570	0	565	0	320	2	320	2	16	0	27	0	27	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	545	0	552	0	572	0	567	0	320	2	320	2	14	0	27	0	27	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
400	554	0	561	0	585	0	579	0	320	2	320	2	18	0	31	0	31	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
500	577	0	585	0	590	0	585	0	320	2	320	2	0	0	13	0	13	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
600	577	0	585	0	585	0	579	0	320	2	320	2	-4	0	7	0	7	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	579	0	585	0	579	0	574	0	320	2	320	2	-9	0	2	0	2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	98	6
800	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	-4	2	0	2	432	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
900	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	-4	2	0	2	442	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	-4	2	0	2	446	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	673	0	676	0	667	0	662	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	507	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1200	702	0	707	0	709	0	702	0	320	2	320	2	-4	0	5	0	5	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1300	721	0	723	0	725	0	718	0	320	2	320	2	-5	0	4	0	4	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	714	0	718	0	738	0	730	0	320	2	320	2	14	0	23	0	23	2	0	2	513	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	729	0	730	0	750	0	743	0	320	2	320	2	11	0	20	0	20	2	0	2	523	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	741	0	747	0	754	0	745	0	320	2	320	2	0	0	11	0	11	2	0	2	532	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	739	0	743	0	756	0	747	0	320	2	320	2	4	0	16	0	16	2	0	2	534	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	721	0	725	0	739	0	732	0	320	2	320	2	7	0	18	0	18	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	714	0	718	0	732	0	745	0	320	2	320	2	27	0	38	0	38	2	0	2	505	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	720	0	727	0	739	0	754	0	320	2	320	2	29	0	40	0	40	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	750	0	759	0	763	0	757	0	320	2	320	2	0	0	13	0	13	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	738	0	745	0	747	0	741	0	320	2	320	2	-4	0	9	0	9	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	723	0	730	0	732	0	725	0	320	2	320	2	-5	0	7	0	7	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	707	0	714	0	716	0	711	0	320	2	320	2	-4	0	9	0	9	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	123	0	124	0	205	0	191	0	0	0	0	0	236	0	291	202	235	0	298	182	216	0	249	193	225	0	252	205	0	0	0	0	0	0
200	131	0	130	0	208	0	188	0	0	0	0	0	239	0	268	201	240	0	295	202	220	0	238	191	229	0	251	211	0	0	0	0	0	0
300	102	0	106	0	173	0	166	0	0	0	0	0	233	0	265	141	233	0	280	184	211	0	235	189	220	0	242	197	0	0	0	0	0	0
400	130	0	122	0	205	0	192	0	0	0	0	0	237	0	284	196	236	0	304	183	217	0	245	190	227	0	252	200	0	0	0	0	0	0
500	125	0	121	0	194	0	180	0	0	0	0	0	235	0	267	165	236	0	271	197	215	0	245	184	225	0	249	207	0	0	0	0	0	0
600	116	0	114	0	202	0	183	0	0	0	0	0	239	0	289	201	237	0	274	190	218	0	240	193	228	0	246	214	0	0	0	0	0	0
700	91	0	96	0	160	0	152	0	0	0	0	0	236	0	279	185	233	0	267	147	216	0	238	178	226	0	255	195	0	0	0	0	0	0
800	62	0	71	0	100	0	100	0	0	0	0	0	228	0	269	165	228	0	267	163	201	0	244	148	212	0	250	170	0	0	0	0	0	0
900	68	0	78	0	117	0	116	0	0	0	0	0	238	0	305	196	235	0	277	191	207	0	245	171	218	0	239	191	0	0	0	0	0	0
1000	97	0	103	0	151	0	148	0	0	0	0	0	236	0	351	182	235	0	290	184	209	0	234	169	218	0	242	192	0	0	0	0	0	0
1100	142	0	137	0	222	0	207	0	0	0	0	0	237	0	283	186	234	0	274	198	216	0	234	191	226	0	244	197	0	0	0	0	0	0
1200	101	0	109	0	181	0	172	0	0	0	0	0	234	0	269	158	233	0	267	169	216	0	245	171	225	0	254	193	0	0	0	0	0	0
1300	109	0	129	0	203	0	217	0	0	0	0	0	261	0	306	207	257	0	300	197	248	0	267	226	256	0	270	233	0	0	0	0	0	0
1400	69	0	89	0	128	0	147	0	0	0	0	0	263	0	307	226	259	0	278	228	251	0	265	223	259	0	272	239	0	0	0	0	0	0
1500	82	0	106	0	133	0	159	0	0	0	0	0	264	0	286	235	260	0	285	241	251	0	257	245	259	0	265	253	0	0	0	0	0	0
1600	35	0	50	0	55	0	71	0	0	0	0	0	274	0	316	238	270	0	299	242	251	0	272	225	256	0	281	189	0	0	0	0	0	0
1700	43	0	62	0	65	0	81	0	0	0	0	0	260	0	297	220	257	0	299	215	243	0	279	216	252	0	279	234	0	0	0	0	0	0
1800	54	0	66	0	94	0	103	0	0	0	0	0	243	0	277	202	242	0	275	203	230	0	250	203	239	0	264	219	0	0	0	0	0	0
1900	53	0	63	0	108	0	105	0	0	0	0	0	234	0	269	178	234	0	266	195	219	0	241	201	228	0	245	202	0	0	0	0	0	0
2000	68	0	73	0	110	0	111	0	0	0	0	0	230	0	271	198	228	0	260	191	210	0	235	182	219	0	242	187	0	0	0	0	0	0
2100	67	0	73	0	123	0	124	0	0	0	0	0	227	0	281	186	223	0	257	180	204	0	243	178	212	0	249	186	0	0	0	0	0	0
2200	88	0	95	0	165	0	156	0	0	0	0	0	233	0	277	182	229	0	284	187	209	0	235	182	218	0	241	187	0	0	0	0	0	0
2300	71	0	82	0	134	0	131	0	0	0	0	0	220	0	271	183	219	0	281	186	200	0	238	159	209	0	249	174	0	0	0	0	0	0
2400	100	0	100	0	162	0	153	0	0	0	0	0	224	0	272	181	224	0	269	168	202	0	239	171	212	0	243	175	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D.T 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	702	0	707	0	707	0	700	0	320	2	320	2	-5	0	5	0	5	2	0	2	502	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	689	0	696	0	694	0	689	0	320	2	320	2	-7	0	5	0	5	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	675	0	682	0	680	0	675	0	320	2	320	2	-7	0	5	0	5	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	669	0	676	0	675	0	669	0	320	2	320	2	-7	0	5	0	5	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	664	0	671	0	669	0	664	0	320	2	320	2	-7	0	5	0	5	2	0	2	489	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	658	0	666	0	662	0	657	0	320	2	320	2	-7	0	4	0	4	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	651	0	658	0	655	0	649	0	320	2	320	2	-9	0	2	0	2	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	675	0	680	0	666	0	660	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	671	0	676	0	666	0	660	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	496	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	716	0	720	0	705	0	698	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	520	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	723	0	729	0	716	0	711	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	527	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1200	752	0	756	0	739	0	732	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	536	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1300	721	0	725	0	757	0	750	0	320	2	320	2	25	0	34	0	34	2	0	2	523	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	748	0	752	0	768	0	759	0	320	2	320	2	9	0	20	0	20	2	0	2	534	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	781	0	784	0	808	0	801	0	320	2	320	2	18	0	27	0	27	2	0	2	547	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	810	0	811	0	797	0	790	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	565	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	811	0	817	0	820	0	813	0	320	2	320	2	2	0	9	0	9	2	0	2	572	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	806	0	810	0	810	0	802	0	320	2	320	2	-7	0	4	0	4	2	0	2	570	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	775	0	781	0	779	0	772	0	320	2	320	2	-9	0	4	0	4	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	768	0	774	0	784	0	779	0	320	2	320	2	5	0	18	0	18	2	0	2	532	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	772	0	779	0	788	0	783	0	320	2	320	2	4	0	16	0	16	2	0	2	541	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	770	0	777	0	777	0	770	0	320	2	320	2	-7	0	7	0	7	2	0	2	538	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	743	0	750	0	752	0	747	0	320	2	320	2	-4	0	9	0	9	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	730	0	738	0	738	0	730	0	320	2	320	2	-7	0	7	0	7	2	0	2	522	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]G RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]Y

DIGITAL GRAPHICS INCORPORATED — AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	95	0	101	0	166	0	161	0	0	0	0	0	234	0	300	190	232	0	297	180	206	0	234	178	216	0	236	186	0	0	0	0	0	0
200	128	0	124	0	200	0	189	0	0	0	0	0	236	0	280	195	233	0	281	198	214	0	236	189	222	0	260	192	0	0	0	0	0	0
300	137	0	131	0	210	0	200	0	0	0	0	0	235	0	277	195	233	0	283	194	213	0	238	197	221	0	242	197	0	0	0	0	0	0
400	104	0	104	0	177	0	171	0	0	0	0	0	235	0	276	186	231	0	266	198	209	0	235	179	220	0	246	196	0	0	0	0	0	0
500	101	0	101	0	176	0	167	0	0	0	0	0	235	0	288	185	232	0	269	153	212	0	240	181	222	0	245	186	0	0	0	0	0	0
600	102	0	106	0	174	0	166	0	0	0	0	0	232	0	276	188	232	0	274	198	207	0	227	186	216	0	238	181	0	0	0	0	0	0
700	102	0	104	0	163	0	158	0	0	0	0	0	235	0	279	185	233	0	283	201	209	0	236	180	220	0	248	196	0	0	0	0	0	0
800	99	0	101	0	162	0	158	0	0	0	0	0	237	0	296	195	234	0	268	191	213	0	237	192	224	0	250	200	0	0	0	0	0	0
900	114	0	110	0	183	0	177	0	0	0	0	0	237	0	270	187	240	0	290	191	217	0	245	190	225	0	249	204	0	0	0	0	0	0
1000	140	0	130	0	211	0	198	0	0	0	0	0	238	0	290	193	237	0	301	203	218	0	246	199	227	0	251	209	0	0	0	0	0	0
1100	87	0	100	0	151	0	155	0	0	0	0	0	253	0	293	206	247	0	287	181	234	0	258	211	242	0	272	217	0	0	0	0	0	0
1200	162	0	159	0	267	0	277	0	0	0	0	0	247	0	280	206	242	0	273	200	233	0	237	223	240	0	249	230	0	0	0	0	0	0
1300	172	0	154	0	289	0	274	0	0	0	0	0	237	0	276	198	233	0	273	198	222	0	237	189	229	0	243	213	0	0	0	0	0	0
1400	152	0	147	0	288	0	289	0	0	0	0	0	241	0	269	198	240	0	268	188	232	0	244	203	241	0	248	220	0	0	0	0	0	0
1500	159	0	157	0	270	0	259	0	0	0	0	0	244	0	276	212	243	0	279	208	233	0	244	200	242	0	253	220	0	0	0	0	0	0
1600	151	0	146	0	261	0	267	0	0	0	0	0	246	0	294	196	242	0	289	205	233	0	246	218	241	0	250	213	0	0	0	0	0	0
1700	147	0	140	0	233	0	239	0	0	0	0	0	246	0	283	205	243	0	285	208	233	0	248	216	241	0	258	219	0	0	0	0	0	0
1800	117	0	127	0	230	0	250	0	0	0	0	0	251	0	287	210	250	0	289	219	244	0	249	228	252	0	260	245	0	0	0	0	0	0
1900	105	0	113	0	133	0	150	0	0	0	0	0	285	0	331	238	282	0	332	230	280	0	327	236	287	0	332	238	0	0	0	0	0	0
2000	57	0	71	0	92	0	93	0	0	0	0	0	207	0	254	164	206	0	248	169	210	0	235	180	219	0	243	192	0	0	0	0	0	0
2100	84	0	96	0	151	0	151	0	0	0	0	0	247	0	282	205	244	0	283	191	236	0	258	204	244	0	260	216	0	0	0	0	0	0
2200	127	0	133	0	201	0	200	0	0	0	0	0	251	0	285	217	247	0	276	217	235	0	250	205	244	0	254	227	0	0	0	0	0	0
2300	122	0	140	0	180	0	189	0	0	0	0	0	30	0	61	352	29	0	58	0	8	0	36	350	20	0	40	358	0	0	0	0	0	0
2400	97	0	118	0	145	0	155	0	0	0	0	0	39	0	80	8	37	0	75	10	18	0	44	352	31	0	52	357	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	712	0	720	0	720	0	714	0	320	2	320	2	-5	0	7	0	7	2	0	2	513	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	696	0	703	0	703	0	698	0	320	2	320	2	-5	0	7	0	7	2	0	2	505	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	693	0	700	0	700	0	694	0	320	2	320	2	-5	0	7	0	7	2	0	2	502	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	687	0	693	0	696	0	689	0	320	2	320	2	-4	0	9	0	9	2	0	2	498	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	684	0	691	0	691	0	684	0	320	2	320	2	-5	0	7	0	7	2	0	2	496	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	673	0	680	0	680	0	673	0	320	2	320	2	-7	0	5	0	5	2	0	2	493	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	673	0	680	0	675	0	669	0	320	2	320	2	-11	0	0	0	0	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	687	0	691	0	680	0	675	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	685	0	691	0	684	0	676	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	498	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	694	0	700	0	693	0	685	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	511	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	696	0	698	0	709	0	700	0	320	2	320	2	4	0	13	0	13	2	0	2	525	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1200	720	0	723	0	759	0	752	0	320	2	320	2	31	0	40	0	40	2	0	2	527	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1300	709	0	712	0	730	0	723	0	320	2	320	2	13	0	22	0	22	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	698	0	702	0	768	0	761	0	320	2	320	2	59	0	70	0	70	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	736	0	741	0	793	0	784	0	320	2	320	2	45	0	56	0	56	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	754	0	757	0	813	0	806	0	320	2	320	2	50	0	59	0	59	2	0	2	538	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	763	0	768	0	801	0	793	0	320	2	320	2	27	0	40	0	40	2	0	2	534	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	745	0	750	0	799	0	792	0	320	2	320	2	43	0	54	0	54	2	0	2	531	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	637	0	644	0	649	0	649	0	320	2	320	2	4	0	11	0	11	2	0	2	325	0	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2000	631	0	640	0	675	0	673	0	320	2	320	2	32	0	43	0	43	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0
2100	626	0	633	0	646	0	639	0	320	2	320	2	5	0	18	0	18	2	0	2	466	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2200	597	0	604	0	621	0	617	0	320	2	320	2	11	0	23	0	23	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2300	540	0	547	0	541	0	534	0	320	2	320	2	-11	0	0	0	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2400	572	0	577	0	574	0	568	0	320	2	320	2	-9	0	2	0	2	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MAY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	73	0	98	0	115	0	134	0	0	0	0	0	47	0	100	4	47	0	91	11	27	0	58	10	39	0	81	12	0	0	0	0	0	0
200	124	0	150	0	158	0	189	0	0	0	0	0	53	0	85	20	50	0	85	18	32	0	55	13	44	0	65	14	0	0	0	0	0	0
300	112	0	137	0	160	0	191	0	0	0	0	0	56	0	85	7	53	0	93	15	31	0	54	10	43	0	66	22	0	0	0	0	0	0
400	93	0	121	0	129	0	153	0	0	0	0	0	53	0	88	13	52	0	93	17	30	0	59	10	43	0	65	19	0	0	0	0	0	0
500	92	0	112	0	130	0	152	0	0	0	0	0	45	0	82	355	47	0	85	2	24	0	47	328	38	0	76	2	0	0	0	0	0	0
600	66	0	93	0	97	0	119	0	0	0	0	0	48	0	88	18	49	0	92	3	27	0	55	2	40	0	70	14	0	0	0	0	0	0
700	76	0	102	0	92	0	116	0	0	0	0	0	54	0	93	24	54	0	98	9	35	0	70	10	48	0	81	8	0	0	0	0	0	0
800	91	0	121	0	117	0	145	0	0	0	0	0	51	0	92	10	50	0	98	351	27	0	57	349	40	0	84	354	0	0	0	0	0	0
900	93	0	111	0	123	0	131	0	0	0	0	0	36	0	77	341	34	0	81	342	7	0	35	328	19	0	47	351	0	0	0	0	0	0
1000	92	0	110	0	125	0	137	0	0	0	0	0	25	0	81	337	21	0	69	332	1	0	46	339	11	0	40	340	0	0	0	0	0	0
1100	88	0	111	0	110	0	122	0	0	0	0	0	27	0	80	329	24	0	67	325	359	0	25	335	9	0	37	333	0	0	0	0	0	0
1200	70	0	83	0	105	0	117	0	0	0	0	0	15	0	98	277	22	0	153	291	352	0	35	299	5	0	110	291	0	0	0	0	0	0
1300	62	0	80	0	97	0	113	0	0	0	0	0	19	0	81	277	19	0	113	273	352	0	43	293	0	0	53	318	0	0	0	0	0	0
1400	62	0	75	0	115	0	126	0	0	0	0	0	24	0	91	323	23	0	74	314	350	0	42	318	356	0	29	312	0	0	0	0	0	0
1500	69	0	91	0	116	0	129	0	0	0	0	0	23	0	85	311	21	0	73	295	350	0	26	301	359	0	50	303	0	0	0	0	0	0
1600	109	0	121	0	150	0	159	0	0	0	0	0	30	0	74	352	29	0	69	337	359	0	24	324	9	0	40	342	0	0	0	0	0	0
1700	115	0	132	0	141	0	150	0	0	0	0	0	31	0	70	324	28	0	74	320	5	0	33	318	15	0	41	335	0	0	0	0	0	0
1800	112	0	133	0	145	0	155	0	0	0	0	0	35	0	68	359	34	0	64	1	9	0	44	327	21	0	80	351	0	0	0	0	0	0
1900	64	0	90	0	96	0	107	0	0	0	0	0	39	0	85	4	35	0	91	345	16	0	44	350	26	0	58	0	0	0	0	0	0	0
2000	47	0	72	0	79	0	105	0	0	0	0	0	56	0	82	21	56	0	92	27	31	0	45	22	46	0	58	34	0	0	0	0	0	0
2100	49	0	73	0	88	0	117	0	0	0	0	0	71	0	109	52	71	0	98	38	38	0	48	32	54	0	63	46	0	0	0	0	0	0
2200	64	0	86	0	136	0	142	0	0	0	0	0	95	0	117	71	97	0	128	73	59	0	66	47	64	0	81	24	0	0	0	0	0	0
2300	66	0	84	0	161	0	171	0	0	0	0	0	103	0	123	76	105	0	122	87	78	0	80	77	96	0	148	87	0	0	0	0	0	0
2400	75	0	90	0	158	0	168	0	0	0	0	0	113	0	127	80	115	0	137	97	94	0	101	91	108	0	112	104	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	563	0	568	0	563	0	558	0	320	2	320	2	-11	0	0	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
200	550	0	558	0	550	0	543	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
300	511	0	516	0	509	0	504	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
400	482	0	487	0	480	0	475	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
500	473	0	477	0	469	0	466	0	320	2	320	2	-11	0	-4	0	-4	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
600	471	0	475	0	468	0	464	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
700	490	0	487	0	473	0	469	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
800	496	0	502	0	491	0	484	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	419	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
900	486	0	495	0	487	0	480	0	320	2	320	2	-14	0	0	0	0	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1000	491	0	498	0	493	0	484	0	320	2	320	2	-14	0	4	0	4	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1100	491	0	498	0	495	0	486	0	320	2	320	2	-13	0	4	0	4	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1200	504	0	513	0	500	0	491	0	320	2	320	2	-20	0	-4	0	-4	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
1300	511	0	520	0	495	0	487	0	320	2	320	2	-34	0	-16	0	-16	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1400	502	0	514	0	493	0	484	0	320	2	320	2	-27	0	-9	0	-9	2	0	2	406	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1500	495	0	504	0	484	0	477	0	320	2	320	2	-25	0	-9	0	-9	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1600	486	0	493	0	482	0	475	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	475	0	482	0	480	0	471	0	320	2	320	2	-11	0	4	0	4	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	475	0	482	0	478	0	471	0	320	2	320	2	-11	0	4	0	4	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	477	0	484	0	480	0	473	0	320	2	320	2	-11	0	2	0	2	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2000	464	0	469	0	468	0	464	0	320	2	320	2	-5	0	4	0	4	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	448	0	455	0	469	0	466	0	320	2	320	2	11	0	20	0	20	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2200	451	0	459	0	477	0	473	0	320	2	320	2	14	0	25	0	25	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	444	0	451	0	511	0	507	0	320	2	320	2	56	0	65	0	65	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	457	0	462	0	507	0	504	0	320	2	320	2	41	0	50	0	50	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0

STA[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REF[illegible]G RESOLUTION. TEMPERATURE 1 DEGREES, SPEED 1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	D[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	72	0	89	0	126	0	138	0	0	0	0	0	121	0	127	110	124	0	135	112	105	0	114	91	119	0	126	110	0	0	0	0	0	0
200	57	0	89	0	139	0	146	0	0	0	0	0	128	0	153	110	132	0	149	118	119	0	125	114	133	0	137	129	0	0	0	0	0	0
300	76	0	102	0	145	0	159	0	0	0	0	0	126	0	165	111	129	0	147	98	118	0	126	111	131	0	140	119	0	0	0	0	0	0
400	78	0	108	0	148	0	164	0	0	0	0	0	126	0	154	108	131	0	153	119	115	0	123	112	130	0	135	121	0	0	0	0	0	0
500	62	0	78	0	113	0	127	0	0	0	0	0	120	0	136	101	124	0	150	104	108	0	115	100	121	0	129	109	0	0	0	0	0	0
600	75	0	93	0	134	0	147	0	0	0	0	0	117	0	129	95	123	0	141	104	104	0	112	101	118	0	123	115	0	0	0	0	0	0
700	85	0	108	0	118	0	135	0	0	0	0	0	121	0	147	95	124	0	145	96	106	0	124	89	120	0	134	107	0	0	0	0	0	0
800	77	0	98	0	98	0	116	0	0	0	0	0	117	0	153	91	122	0	167	87	107	0	133	80	121	0	152	100	0	0	0	0	0	0
900	79	0	114	0	144	0	160	0	0	0	0	0	133	0	200	97	133	0	194	91	121	0	143	109	136	0	151	118	0	0	0	0	0	0
1000	72	0	100	0	118	0	138	0	0	0	0	0	128	0	175	88	130	0	177	89	118	0	144	88	134	0	163	106	0	0	0	0	0	0
1100	52	0	79	0	94	0	111	0	0	0	0	0	132	0	176	80	142	0	221	97	130	0	185	99	144	0	177	114	0	0	0	0	0	0
1200	46	0	70	0	89	0	107	0	0	0	0	0	143	0	243	91	143	0	219	91	135	0	192	90	150	0	215	114	0	0	0	0	0	0
1300	45	0	67	0	72	0	88	0	0	0	0	0	141	0	258	92	139	0	235	95	125	0	169	86	143	0	194	107	0	0	0	0	0	0
1400	27	0	41	0	54	0	68	0	0	0	-0	0	164	3	266	92	163	0	265	95	144	0	178	75	161	0	198	91	0	0	0	0	0	0
1500	38	0	55	0	70	0	82	0	0	0	0	0	172	0	267	96	168	0	269	96	160	0	200	103	172	0	236	125	0	0	0	0	0	0
1600	29	0	44	0	65	0	76	0	0	0	0	0	205	3	267	114	204	0	269	102	163	0	252	90	172	0	253	96	0	0	0	0	0	0
1700	32	0	48	0	66	0	79	0	0	0	0	0	172	0	267	97	173	0	269	91	158	0	225	110	167	0	248	97	0	0	0	0	0	0
1800	44	0	70	0	88	0	102	0	0	0	0	0	140	0	196	97	143	0	212	102	132	0	155	113	146	0	170	125	0	0	0	0	0	0
1900	43	0	69	0	86	0	102	0	0	0	0	0	133	0	174	82	134	0	173	89	127	0	159	101	140	0	170	114	0	0	0	0	0	0
2000	32	0	57	0	99	0	115	0	0	0	0	0	142	0	189	106	144	0	194	101	137	0	154	124	150	0	159	141	0	0	0	0	0	0
2100	46	0	70	0	134	0	150	0	0	0	0	0	146	0	192	106	149	0	245	94	142	0	158	132	155	0	168	145	0	0	0	0	0	0
2200	48	0	72	0	146	0	162	0	0	0	0	0	146	0	192	98	151	0	207	108	144	0	166	124	158	0	188	137	0	0	0	0	0	0
2300	55	0	86	0	150	0	171	0	0	0	0	0	157	0	210	90	155	0	223	96	149	0	169	134	162	0	179	139	0	0	0	0	0	0
2400	65	0	86	0	159	0	177	0	0	0	0	0	159	0	204	92	159	0	203	113	156	0	179	143	169	0	192	155	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	468	0	473	0	504	0	498	0	320	2	320	2	25	0	34	0	34	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
200	473	0	480	0	500	0	495	0	320	2	320	2	14	0	25	0	25	2	0	2	394	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
300	468	0	473	0	489	0	484	0	320	2	320	2	11	0	22	0	22	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	127	0
400	460	0	468	0	480	0	475	0	320	2	320	2	9	0	20	0	20	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
500	444	0	451	0	462	0	459	0	320	2	320	2	7	0	16	0	16	2	0	2	379	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
600	439	0	444	0	464	0	459	0	320	2	320	2	13	0	23	0	23	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
700	469	0	477	0	466	0	460	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	399	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
800	516	0	523	0	509	0	504	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	127	6
900	559	0	567	0	543	0	538	0	320	2	320	2	-29	0	-18	0	-18	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1000	597	0	604	0	579	0	574	0	320	2	320	2	-31	0	-20	0	-20	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1100	637	0	644	0	608	0	603	0	320	2	320	2	-41	0	-31	0	-31	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1200	671	0	676	0	644	0	639	0	320	2	320	2	-38	0	-27	0	-27	2	0	2	507	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
1300	698	0	703	0	666	0	658	0	320	2	320	2	-45	0	-32	0	-32	2	0	2	507	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0
1400	732	0	739	0	693	0	687	0	320	2	320	2	-52	0	-40	0	-40	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0
1500	754	0	757	0	712	0	705	0	320	2	320	2	-52	0	-40	0	-40	2	0	2	532	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	754	0	756	0	721	0	714	0	320	2	320	2	-40	0	-32	0	-32	2	0	2	552	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	745	0	750	0	723	0	718	0	320	2	320	2	-32	0	-20	0	-20	2	0	2	549	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	734	0	741	0	725	0	718	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	536	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	725	0	732	0	721	0	716	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	531	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2000	696	0	702	0	705	0	698	0	320	2	320	2	-4	0	9	0	9	2	0	2	507	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2100	673	0	680	0	689	0	684	0	320	2	320	2	4	0	16	0	16	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2200	666	0	673	0	684	0	676	0	320	2	320	2	5	0	16	0	16	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2300	664	0	669	0	675	0	669	0	320	2	320	2	0	0	11	0	11	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
2400	658	0	664	0	669	0	664	0	320	2	320	2	0	0	11	0	11	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	60	0	81	0	154	0	152	0	0	0	0	0	169	0	227	116	167	0	242	109	163	0	181	146	177	0	207	153	0	0	0	0	0	0
200	51	0	70	0	161	0	154	0	0	0	0	0	182	0	269	101	179	0	247	106	172	0	193	141	184	0	223	152	0	0	0	0	0	0
300	46	0	63	0	147	0	142	0	0	0	0	0	187	0	260	112	182	0	249	93	175	0	200	148	188	0	231	163	0	0	0	0	0	0
400	50	0	63	0	153	0	144	0	0	0	0	0	203	0	268	114	200	0	256	130	184	0	204	170	195	0	221	176	0	0	0	0	0	0
500	48	0	63	0	137	0	132	0	0	0	0	0	198	0	257	91	191	0	257	125	183	0	204	157	194	0	221	175	0	0	0	0	0	0
600	50	0	66	0	129	0	122	0	0	0	0	0	205	0	250	109	205	0	266	124	188	0	215	166	198	0	224	177	0	0	0	0	0	0
700	34	0	49	0	100	0	100	0	0	0	0	0	205	0	251	110	209	0	263	95	195	0	222	169	205	0	233	183	0	0	0	0	0	0
800	102	0	123	0	169	0	187	0	0	0	0	0	299	0	355	248	297	0	344	244	283	0	325	225	291	0	355	253	0	0	0	0	0	0
900	51	0	60	0	87	0	86	0	0	0	0	0	236	0	286	192	237	0	275	192	219	0	246	199	229	0	250	203	0	0	0	0	0	0
1000	28	0	38	0	66	0	78	0	0	0	0	0	179	3	264	113	183	0	268	90	165	0	204	123	179	0	239	130	0	0	0	0	0	0
1100	42	0	58	0	100	0	102	0	0	0	0	0	200	0	267	115	202	0	265	92	178	0	232	105	188	0	240	128	0	0	0	0	0	0
1200	82	0	90	0	133	0	134	0	0	0	0	0	237	0	323	180	240	0	342	188	210	0	239	179	220	0	248	195	0	0	0	0	0	0
1300	109	0	117	0	183	0	178	0	0	0	0	0	241	0	286	180	240	0	272	204	224	0	247	203	231	0	260	197	0	0	0	0	0	0
1400	133	0	133	0	202	0	196	0	0	0	0	0	242	0	303	189	241	0	280	203	223	0	247	202	232	0	261	214	0	0	0	0	0	0
1500	80	0	96	0	136	0	157	0	0	0	0	0	297	0	349	244	295	0	333	243	289	0	320	249	297	0	328	254	0	0	0	0	0	0
1600	25	0	43	0	95	0	109	0	0	0	0	0	312	0	165	270	301	0	349	250	302	0	320	291	308	0	328	292	0	0	0	0	0	0
1700	40	0	62	0	98	0	113	0	0	0	0	0	294	0	330	250	288	0	329	249	301	0	316	269	308	0	326	278	0	0	0	0	0	0
1800	31	0	51	0	57	0	72	0	0	0	0	0	332	0	4	285	330	0	2	291	327	0	355	293	335	0	8	307	0	0	0	0	0	0
1900	78	0	97	0	127	0	139	0	0	0	0	0	42	0	76	9	39	0	86	2	16	0	45	349	27	0	66	2	0	0	0	0	0	0
2000	51	0	73	0	90	0	102	0	0	0	0	0	37	0	72	5	33	0	68	348	17	0	35	351	28	0	52	1	0	0	0	0	0	0
2100	75	0	98	0	127	0	137	0	0	0	0	0	24	0	70	346	21	0	63	332	0	0	14	328	13	0	83	341	0	0	0	0	0	0
2200	92	0	113	0	156	0	166	0	0	0	0	0	36	0	69	3	36	0	66	1	15	0	34	359	28	0	52	7	0	0	0	0	0	0
2300	42	0	66	0	102	0	122	0	0	0	0	0	46	0	86	359	44	0	92	2	24	0	55	0	37	0	81	15	0	0	0	0	0	0
2400	64	0	90	0	111	0	138	0	0	0	0	0	56	0	89	25	56	0	97	19	31	0	56	10	44	0	66	14	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	649	0	657	0	664	0	658	0	320	2	320	2	2	0	13	0	13	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
200	651	0	658	0	666	0	660	0	320	2	320	2	2	0	14	0	14	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
300	640	0	648	0	660	0	653	0	320	2	320	2	7	0	18	0	18	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0
400	648	0	655	0	669	0	662	0	320	2	320	2	9	0	22	0	22	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
500	644	0	651	0	666	0	660	0	320	2	320	2	9	0	22	0	22	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
600	660	0	666	0	675	0	669	0	320	2	320	2	2	0	14	0	14	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
700	664	0	669	0	676	0	669	0	320	2	320	2	0	0	11	0	11	2	0	2	489	0	0	2	0	2	0	2	0	2	0	2	0	2	126	0
800	603	0	608	0	622	0	613	0	320	2	320	2	5	0	18	0	18	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
900	662	0	667	0	664	0	658	0	320	2	320	2	-9	0	2	0	2	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1000	720	0	725	0	703	0	678	0	320	2	320	2	-27	0	-16	0	-16	2	0	2	522	0	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1100	765	0	768	0	738	0	732	0	320	2	320	2	-36	0	-27	0	-27	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
1200	775	0	779	0	757	0	752	0	320	2	320	2	-27	0	-18	0	-18	2	0	2	554	0	0	2	0	2	0	2	0	2	0	2	0	2	125	0
1300	761	0	765	0	765	0	757	0	320	2	320	2	-5	0	5	0	5	2	0	2	538	0	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1400	799	0	802	0	790	0	783	0	320	2	320	2	-20	0	-11	0	-11	2	0	2	559	0	0	2	0	2	0	2	0	2	0	2	0	2	125	6
1500	653	0	660	0	673	0	664	0	320	2	320	2	7	0	18	0	18	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1600	669	0	675	0	696	0	685	0	320	2	320	2	13	0	27	0	27	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1700	675	0	680	0	689	0	680	0	320	2	320	2	0	0	13	0	13	2	0	2	504	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	662	0	669	0	667	0	658	0	320	2	320	2	-11	0	5	0	5	2	0	2	504	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	651	0	657	0	653	0	648	0	320	2	320	2	-7	0	4	0	4	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	624	0	631	0	631	0	626	0	320	2	320	2	-5	0	5	0	5	2	0	2	475	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	558	0	565	0	577	0	568	0	320	2	320	2	5	0	20	0	20	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	559	0	565	0	567	0	561	0	320	2	320	2	-4	0	7	0	7	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2300	574	0	579	0	586	0	581	0	320	2	320	2	2	0	11	0	11	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2400	574	0	579	0	581	0	577	0	320	2	320	2	-2	0	7	0	7	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REP[illegible]G RESOLUTION, TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible]	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	98	0	124	0	138	0	169	0	0	0	0	0	59	0	119	11	55	0	110	7	30	0	58	3	43	0	76	4	0	0	0	0	0	0
200	61	0	88	0	97	0	126	0	0	0	0	0	62	0	107	31	59	0	101	23	35	0	55	3	48	0	79	12	0	0	0	0	0	0
300	77	0	102	0	121	0	147	0	0	0	0	0	57	0	116	25	57	0	107	19	33	0	58	13	46	0	68	22	0	0	0	0	0	0
400	52	0	77	0	98	0	125	0	0	0	0	0	72	0	114	14	73	0	111	31	46	0	59	26	58	0	72	23	0	0	0	0	0	0
500	56	0	78	0	104	0	123	0	0	0	0	0	78	0	114	33	79	0	109	51	50	0	69	32	61	0	83	24	0	0	0	0	0	0
600	42	0	68	0	86	0	112	0	0	0	0	0	51	0	93	20	51	0	80	22	29	0	47	12	41	0	54	26	0	0	0	0	0	0
700	57	0	85	0	90	0	116	0	0	0	0	0	59	0	120	25	58	0	118	18	36	0	65	11	51	0	76	22	0	0	0	0	0	0
800	48	0	69	0	62	0	82	0	0	0	0	0	75	0	149	7	77	0	145	0	49	0	88	359	62	0	128	10	0	0	0	0	0	0
900	46	0	68	0	66	0	85	0	0	0	0	0	89	0	131	19	90	0	126	16	65	0	112	27	73	0	141	7	0	0	0	0	0	0
1000	31	0	50	0	47	0	64	0	0	0	0	0	49	0	140	276	80	0	147	2	45	0	123	282	70	0	137	3	0	0	0	0	0	0
1100	55	0	64	0	69	0	84	0	0	0	0	0	3	0	155	279	358	0	157	278	343	0	31	281	353	0	36	292	0	0	0	0	0	0
1200	70	0	93	0	109	0	126	0	0	0	0	0	27	0	173	294	23	0	75	286	350	0	44	290	359	0	41	301	0	0	0	0	0	0
1300	45	0	59	0	79	0	95	0	0	0	0	0	9	0	154	272	5	0	145	270	345	0	34	305	355	0	40	303	0	0	0	0	0	0
1400	53	0	73	0	103	0	118	0	0	0	0	0	21	0	77	278	21	0	178	282	353	0	43	282	2	0	37	312	0	0	0	0	0	0
1500	67	0	93	0	99	0	114	0	0	0	0	0	29	0	124	331	28	0	82	327	1	0	54	323	12	0	46	331	0	0	0	0	0	0
1600	47	0	64	0	80	0	94	0	0	0	0	0	19	0	106	279	15	0	85	288	359	0	59	302	7	0	59	277	0	0	0	0	0	0
1700	67	0	88	0	106	0	118	0	0	0	0	0	351	0	70	272	350	0	60	292	345	0	25	305	355	0	52	301	0	0	0	0	0	0
1800	78	0	100	0	120	0	131	0	0	0	0	0	32	0	80	2	31	0	91	350	8	0	45	337	18	0	52	346	0	0	0	0	0	0
1900	90	0	110	0	137	0	150	0	0	0	0	0	39	0	93	7	37	0	69	355	16	0	56	359	26	0	49	0	0	0	0	0	0	0
2000	32	0	60	0	73	0	96	0	0	0	0	0	64	0	102	39	63	0	98	31	35	0	47	23	50	0	63	35	0	0	0	0	0	0
2100	49	0	70	0	100	0	113	0	0	0	0	0	75	0	91	58	78	0	97	62	56	0	68	46	67	0	81	40	0	0	0	0	0	0
2200	44	0	64	0	92	0	103	0	0	0	0	0	107	0	115	92	109	0	118	101	69	0	78	65	81	0	94	42	0	0	0	0	0	0
2300	58	0	78	0	121	0	129	0	0	0	0	0	104	0	121	70	105	0	126	95	86	0	92	80	101	0	117	95	0	0	0	0	0	0
2400	60	0	78	0	118	0	130	0	0	0	0	0	114	0	133	98	117	0	134	93	106	0	112	102	120	0	125	116	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	576	0	581	0	577	0	574	0	320	2	320	2	-7	0	2	0	2	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
200	541	0	547	0	547	0	543	0	320	2	320	2	-4	0	5	0	5	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
300	529	0	534	0	532	0	529	0	320	2	320	2	-5	0	4	0	4	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
400	507	0	514	0	523	0	520	0	320	2	320	2	5	0	14	0	14	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
500	489	0	495	0	505	0	502	0	320	2	320	2	5	0	16	0	16	2	0	2	403	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
600	475	0	478	0	489	0	487	0	320	2	320	2	7	0	16	0	16	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
700	505	0	511	0	502	0	496	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
800	540	0	547	0	529	0	523	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	130	6
900	583	0	590	0	563	0	554	0	320	2	320	2	-36	0	-22	0	-22	2	0	2	464	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1000	599	0	606	0	583	0	574	0	320	2	320	2	-32	0	-16	0	-16	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1100	543	0	552	0	543	0	532	0	320	2	320	2	-18	0	2	0	2	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1200	547	0	556	0	550	0	540	0	320	2	320	2	-14	0	2	0	2	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	561	0	572	0	538	0	529	0	320	2	320	2	-41	0	-23	0	-23	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	561	0	570	0	552	0	543	0	320	2	320	2	-27	0	-9	0	-9	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1500	565	0	572	0	567	0	559	0	320	2	320	2	-14	0	2	0	2	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1600	581	0	590	0	579	0	568	0	320	2	320	2	-22	0	-4	0	-4	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1700	532	0	540	0	529	0	520	0	320	2	320	2	-20	0	-4	0	-4	2	0	2	446	0	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	525	0	532	0	525	0	520	0	320	2	320	2	-13	0	0	0	0	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1900	540	0	545	0	545	0	538	0	320	2	320	2	-7	0	5	0	5	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2000	520	0	525	0	534	0	531	0	320	2	320	2	5	0	14	0	14	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2100	507	0	514	0	556	0	552	0	320	2	320	2	38	0	47	0	47	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	513	0	520	0	554	0	549	0	320	2	320	2	29	0	40	0	40	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2300	513	0	520	0	554	0	552	0	320	2	320	2	34	0	41	0	41	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0
2400	504	0	511	0	556	0	552	0	320	2	320	2	41	0	52	0	52	2	0	2	408	0	0	2	0	2	0	2	0	2	0	2	0	2	131	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK . METEOROLOGICAL DATA FOR MAY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	73	0	0	2	455	2	0	2	0	2	0	2	111	0	105	132	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	75	0	0	2	521	2	0	2	0	2	0	2	128	0	111	153	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	86	0	0	2	407	2	0	2	0	2	0	2	150	0	120	190	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	88	0	0	2	500	2	0	2	0	2	0	2	155	0	118	191	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	71	0	0	2	538	2	0	2	0	2	0	2	155	0	111	185	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	80	0	0	2	455	2	0	2	0	2	0	2	152	0	111	190	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	84	0	0	2	527	2	0	2	0	2	0	2	168	0	119	218	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	77	0	0	2	561	2	0	2	0	2	0	2	161	0	108	201	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	67	0	0	2	511	2	0	2	0	2	0	2	185	0	126	226	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1000	65	0	0	2	567	2	0	2	0	2	0	2	188	0	115	231	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1100	65	0	0	2	594	2	0	2	0	2	0	2	207	0	146	240	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1200	65	0	0	2	534	2	0	2	0	2	0	2	245	0	219	280	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	65	0	0	2	544	2	0	2	0	2	0	2	254	0	218	291	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	55	0	0	2	580	2	0	2	0	2	0	2	280	0	242	311	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	59	0	0	2	536	2	0	2	0	2	0	2	308	0	270	341	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1600	65	0	0	2	596	2	0	2	0	2	0	2	305	0	270	340	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1700	52	0	0	2	627	2	0	2	0	2	0	2	313	0	271	341	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1800	42	0	0	2	550	2	0	2	0	2	0	2	314	0	271	343	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1900	27	0	0	2	571	2	0	2	0	2	0	2	302	0	259	335	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2000	17	0	0	2	592	2	0	2	0	2	0	2	44	0	18	66	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2100	17	0	0	2	423	2	0	2	0	2	0	2	151	0	140	169	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2200	59	0	0	2	457	2	0	2	0	2	0	2	146	0	118	161	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2300	61	0	0	2	382	2	0	2	0	2	0	2	174	0	133	213	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2400	67	0	0	2	421	2	0	2	0	2	0	2	189	0	131	222	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	506	0	0	2	0	2	0	2	0	2	0	2	54	0	54	0	54	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	513	0	0	2	0	2	0	2	0	2	0	2	46	0	46	0	46	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	513	0	0	2	0	2	0	2	0	2	0	2	35	0	35	0	35	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	513	0	0	2	0	2	0	2	0	2	0	2	29	0	29	0	29	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	516	0	0	2	0	2	0	2	0	2	0	2	26	0	26	0	26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	509	0	0	2	0	2	0	2	0	2	0	2	22	0	22	0	22	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	506	0	0	2	0	2	0	2	0	2	0	2	14	0	14	0	14	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	540	0	0	2	0	2	0	2	0	2	0	2	1	0	1	0	1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	594	0	0	2	0	2	0	2	0	2	0	2	-17	0	-17	0	-17	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	639	0	0	2	0	2	0	2	0	2	0	2	-26	0	-26	0	-26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	676	0	0	2	0	2	0	2	0	2	0	2	-26	0	-26	0	-26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	679	0	0	2	0	2	0	2	0	2	0	2	-14	0	-14	0	-14	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	693	0	0	2	0	2	0	2	0	2	0	2	-9	0	-9	0	-9	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	703	0	0	2	0	2	0	2	0	2	0	2	-26	0	-26	0	-26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	713	0	0	2	0	2	0	2	0	2	0	2	-26	0	-26	0	-26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	730	0	0	2	0	2	0	2	0	2	0	2	-19	0	-19	0	-19	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	730	0	0	2	0	2	0	2	0	2	0	2	-22	0	-22	0	-22	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	744	0	0	2	0	2	0	2	0	2	0	2	11	0	11	0	11	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	744	0	0	2	0	2	0	2	0	2	0	2	4	0	4	0	4	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	744	0	0	2	0	2	0	2	0	2	0	2	1	0	1	0	1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	700	0	0	2	0	2	0	2	0	2	0	2	15	0	15	0	15	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	700	0	0	2	0	2	0	2	0	2	0	2	49	0	49	0	49	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	673	0	0	2	0	2	0	2	0	2	0	2	38	0	38	0	38	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	645	0	0	2	0	2	0	2	0	2	0	2	44	0	44	0	44	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

STA[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
PE[illegible]NG RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, D[illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]EY

DIGITAL GRAPHICS INCORPORATED AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	77	0	0	2	450	2	0	2	0	2	0	2	192	0	132	249	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	73	0	0	2	367	2	0	2	0	2	0	2	210	0	149	248	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	71	0	0	2	411	2	0	2	0	2	0	2	208	0	170	248	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	82	0	0	2	457	2	0	2	0	2	0	2	227	0	189	267	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	113	0	0	2	373	2	0	2	0	2	0	2	239	0	206	272	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	117	0	0	2	417	2	0	2	0	2	0	2	248	0	205	277	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	119	0	0	2	455	2	0	2	0	2	0	2	235	0	205	270	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	105	0	0	2	373	2	0	2	0	2	0	2	240	0	212	288	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	109	0	0	2	421	2	0	2	0	2	0	2	243	0	191	271	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1000	94	0	0	2	457	2	0	2	0	2	0	2	245	0	198	291	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1100	119	0	0	2	390	2	0	2	0	2	0	2	252	0	210	287	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1200	100	0	0	2	432	2	0	2	0	2	0	2	250	0	214	284	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	92	0	0	2	459	2	0	2	0	2	0	2	250	0	213	282	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	77	0	0	2	380	2	0	2	0	2	0	2	253	0	221	278	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	65	0	0	2	442	2	0	2	0	2	0	2	270	0	236	308	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1600	48	0	0	2	469	2	0	2	0	2	0	2	304	0	263	342	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1700	40	0	0	2	398	2	0	2	0	2	0	2	251	0	209	278	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1800	52	0	0	2	434	2	0	2	0	2	0	2	262	0	231	294	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1900	48	0	0	2	342	2	0	2	0	2	0	2	258	0	221	295	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2000	19	0	0	2	332	2	0	2	0	2	0	2	233	0	203	260	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2100	52	0	0	2	390	2	0	2	0	2	0	2	163	0	158	179	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2200	102	0	0	2	292	2	0	2	0	2	0	2	240	0	194	266	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2300	102	0	0	2	334	2	0	2	0	2	0	2	186	0	127	242	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2400	67	0	0	2	367	2	0	2	0	2	0	2	182	0	126	225	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	639	0	0	2	0	2	0	2	0	2	0	2	43	0	43	0	43	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	625	0	0	2	0	2	0	2	0	2	0	2	50	0	50	0	50	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	649	0	0	2	0	2	0	2	0	2	0	2	50	0	50	0	50	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	649	0	0	2	0	2	0	2	0	2	0	2	30	0	30	0	30	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	656	0	0	2	0	2	0	2	0	2	0	2	21	0	21	0	21	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	679	0	0	2	0	2	0	2	0	2	0	2	13	0	13	0	13	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	656	0	0	2	0	2	0	2	0	2	0	2	12	0	12	0	12	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	659	0	0	2	0	2	0	2	0	2	0	2	6	0	6	0	6	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	676	0	0	2	0	2	0	2	0	2	0	2	-3	0	-3	0	-3	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	703	0	0	2	0	2	0	2	0	2	0	2	-3	0	-3	0	-3	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	710	0	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	747	0	0	2	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	771	0	0	2	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	812	0	0	2	0	2	0	2	0	2	0	2	1	0	1	0	1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	839	0	0	2	0	2	0	2	0	2	0	2	3	0	3	0	3	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	843	0	0	2	0	2	0	2	0	2	0	2	-22	0	-22	0	-22	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	863	0	0	2	0	2	0	2	0	2	0	2	-26	0	-26	0	-26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	863	0	0	2	0	2	0	2	0	2	0	2	-18	0	-18	0	-18	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	860	0	0	2	0	2	0	2	0	2	0	2	-5	0	-5	0	-5	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	829	0	0	2	0	2	0	2	0	2	0	2	-7	0	-7	0	-7	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	764	0	0	2	0	2	0	2	0	2	0	2	16	0	16	0	16	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	703	0	0	2	0	2	0	2	0	2	0	2	13	0	13	0	13	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	673	0	0	2	0	2	0	2	0	2	0	2	12	0	12	0	12	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	673	0	0	2	0	2	0	2	0	2	0	2	26	0	26	0	26	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

. DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA . OR [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	55	0	0	2	288	2	0	2	0	2	0	2	206	0	156	253	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	63	0	0	2	382	2	0	2	0	2	0	2	178	0	138	209	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	98	0	0	2	417	2	0	2	0	2	0	2	255	0	201	287	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	50	0	0	2	342	2	0	2	0	2	0	2	234	0	203	270	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	46	0	0	2	377	2	0	2	0	2	0	2	187	0	141	228	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	46	0	0	2	405	2	0	2	0	2	0	2	158	0	111	196	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	77	0	0	2	350	2	0	2	0	2	0	2	195	0	138	258	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	18	2	23	0	17	0	31	0	0	0	0	0	115	0	163	63	118	3	167	78	126	0	168	88	142	0	206	93	0	0	0	0	0	0
900	30	2	28	0	50	0	63	0	0	0	0	0	153	0	258	91	154	3	245	90	158	0	190	123	172	0	229	133	0	0	0	0	0	0
1000	45	2	19	0	30	0	40	0	0	0	0	0	178	0	258	102	179	3	248	93	172	0	211	134	187	0	234	152	0	0	0	0	0	0
1100	15	0	28	0	31	0	39	0	0	0	0	0	231	0	287	191	232	3	302	187	208	0	244	168	218	0	248	183	0	0	0	0	0	0
1200	15	0	26	0	26	0	35	0	0	0	0	0	238	0	299	181	240	3	336	182	208	0	237	174	218	0	269	170	0	0	0	0	0	0
1300	32	0	51	0	41	0	50	0	0	0	0	0	259	0	308	219	258	0	291	199	228	0	259	188	238	0	270	193	0	0	0	0	0	0
1400	21	0	38	0	39	0	56	0	0	0	0	0	329	3	69	270	314	0	358	246	303	0	328	260	310	0	6	272	0	0	0	0	0	0
1500	11	0	27	0	25	0	37	0	0	0	0	0	256	0	307	221	251	0	293	219	236	0	269	194	244	0	284	212	0	0	0	0	0	0
1600	29	0	29	0	40	0	49	0	0	0	0	0	186	3	258	91	186	3	258	101	173	0	235	124	184	0	234	130	0	0	0	0	0	0
1700	17	0	36	0	27	0	38	0	0	0	0	0	277	0	337	227	275	0	344	226	238	0	269	204	247	0	279	213	0	0	0	0	0	0
1800	13	0	29	0	16	0	31	0	0	0	0	0	43	3	104	323	41	3	106	314	23	3	59	319	35	0	69	321	0	0	0	0	0	0
1900	15	0	37	0	31	0	48	0	0	0	0	0	49	3	87	23	47	0	78	24	44	0	66	24	38	0	76	30	0	0	0	0	0	0
2000	67	0	89	0	118	0	126	0	0	0	0	0	85	0	121	47	86	0	139	55	58	0	70	45	71	0	88	33	0	0	0	0	0	0
2100	91	0	103	0	145	0	158	0	0	0	0	0	99	0	134	57	99	0	153	48	77	0	101	58	89	0	127	33	0	0	0	0	0	0
2200	93	0	110	0	140	0	148	0	0	0	0	0	109	0	136	77	109	0	142	75	87	0	111	58	101	0	137	51	0	0	0	0	0	0
2300	142	0	154	0	202	0	209	0	0	0	0	0	114	0	143	76	115	0	141	78	90	0	115	69	105	0	146	86	0	0	0	0	0	0
2400	112	0	125	0	166	0	172	0	0	0	0	0	113	0	135	83	113	0	139	87	89	0	102	77	103	0	171	80	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	666	0	0	2	0	2	0	2	0	2	0	2	12	0	12	0	12	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	632	0	0	2	0	2	0	2	0	2	0	2	-1	0	-1	0	-1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	632	0	0	2	0	2	0	2	0	2	0	2	-1	0	-1	0	-1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	635	0	0	2	0	2	0	2	0	2	0	2	7	0	7	0	7	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	639	0	0	2	0	2	0	2	0	2	0	2	10	0	10	0	10	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	645	0	0	2	0	2	0	2	0	2	0	2	3	0	3	0	3	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	642	0	0	2	0	2	0	2	0	2	0	2	2	0	2	0	2	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	630	0	635	0	630	0	626	0	320	2	320	2	-11	0	0	0	0	2	0	2	345	0	0	2	0	2	0	2	0	2	0	2	0	2	175	0
900	633	0	640	0	631	0	626	0	320	2	320	2	-13	0	2	0	2	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	186	0
1000	653	0	660	0	644	0	639	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	193	0
1100	664	0	671	0	657	0	651	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	187	6
1200	666	0	671	0	658	0	653	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
1300	712	0	714	0	705	0	696	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
1400	696	0	702	0	684	0	673	0	320	2	320	2	-29	0	-13	0	-13	2	0	2	525	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
1500	684	0	689	0	682	0	675	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
1600	723	0	729	0	698	0	691	0	320	2	320	2	-38	0	-27	0	-27	2	0	2	531	0	0	2	0	2	0	2	0	2	0	2	0	2	191	0
1700	734	0	738	0	727	0	718	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	190	6
1800	730	0	739	0	730	0	720	0	320	2	320	2	-18	0	0	0	0	2	0	2	543	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
1900	682	0	687	0	684	0	678	0	320	2	320	2	-9	0	2	0	2	2	0	2	505	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
2000	658	0	666	0	658	0	653	0	320	2	320	2	-13	0	0	0	0	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
2100	635	0	642	0	630	0	622	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	191	0
2200	608	0	615	0	604	0	599	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	190	6
2300	588	0	594	0	585	0	579	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
2400	579	0	585	0	576	0	570	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	450	0	0	2	0	2	0	2	0	2	0	2	0	2	191	0

SI[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

R[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

DIGITAL GRAPHICS INCORPORATED — REP COOK — METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	130	0	144	0	166	0	175	0	0	0	0	0	120	0	155	92	124	0	157	91	101	0	115	89	113	0	125	90	0	0	0	0	0	0
200	125	0	144	0	163	0	176	0	0	0	0	0	122	0	143	97	124	0	153	97	103	0	115	91	116	0	129	102	0	0	0	0	0	0
300	120	0	144	0	160	0	175	0	0	0	0	0	122	0	143	94	127	0	154	100	108	0	134	92	120	0	136	107	0	0	0	0	0	0
400	118	0	144	0	154	0	171	0	0	0	0	0	124	0	158	100	126	0	159	56	109	0	123	91	122	0	147	103	0	0	0	0	0	0
500	61	0	88	0	109	0	123	0	0	0	0	0	128	0	192	96	133	0	225	102	116	0	138	82	129	0	151	105	0	0	0	0	0	0
600	93	0	121	0	150	0	167	0	0	0	0	0	125	0	161	94	132	0	170	99	115	0	127	102	128	0	142	113	0	0	0	0	0	0
700	82	0	109	0	138	0	155	0	0	0	0	0	128	0	169	73	132	0	184	94	122	0	138	101	134	0	152	120	0	0	0	0	0	0
800	154	0	177	0	192	0	206	0	0	0	0	0	122	0	140	94	125	0	151	93	106	0	124	89	119	0	139	100	0	0	0	0	0	0
900	141	0	169	0	187	0	203	0	0	0	0	0	121	0	151	101	127	0	160	90	109	0	126	99	123	0	155	111	0	0	0	0	0	0
1000	113	0	136	0	153	0	168	0	0	0	0	0	123	0	162	91	125	0	169	90	107	0	134	81	120	0	138	93	0	0	0	0	0	0
1100	117	0	142	0	156	0	173	0	0	0	0	0	127	0	189	96	129	0	172	96	115	0	137	102	128	0	150	102	0	0	0	0	0	0
1200	61	0	91	0	108	0	123	0	0	0	0	0	136	0	204	99	137	0	202	90	120	0	136	101	134	0	155	107	0	0	0	0	0	0
1300	46	0	72	0	96	0	110	0	0	0	0	0	128	0	175	40	133	0	172	62	124	0	155	99	138	0	173	107	0	0	0	0	0	0
1400	79	0	100	0	108	0	120	0	0	0	0	0	124	0	157	80	126	0	179	86	111	0	137	87	126	0	149	100	0	0	0	0	0	0
1500	60	0	82	0	87	0	101	0	0	0	0	0	117	0	162	75	121	0	160	34	102	0	136	68	113	0	146	72	0	0	0	0	0	0
1600	75	0	92	0	99	0	111	0	0	0	0	0	120	0	159	91	120	0	152	66	102	0	136	67	116	0	144	95	0	0	0	0	0	0
1700	55	0	80	0	82	0	100	0	0	0	0	0	124	0	154	82	128	0	174	71	113	0	143	88	127	0	162	102	0	0	0	0	0	0
1800	51	0	76	0	82	0	97	0	0	0	0	0	134	0	171	63	135	0	167	88	118	0	136	91	132	0	149	106	0	0	0	0	0	0
1900	51	0	76	0	79	0	95	0	0	0	0	0	122	0	169	90	126	0	178	88	110	0	133	80	124	0	149	84	0	0	0	0	0	0
2000	83	0	103	0	113	0	125	0	0	0	0	0	119	0	140	84	123	0	144	97	100	0	112	78	114	0	124	102	0	0	0	0	0	0
2100	87	0	110	0	120	0	136	0	0	0	0	0	123	0	149	103	125	0	154	97	108	0	122	98	122	0	136	113	0	0	0	0	0	0
2200	85	0	107	0	125	0	140	0	0	0	0	0	123	0	149	105	125	0	151	99	106	0	125	91	121	0	140	106	0	0	0	0	0	0
2300	74	0	95	0	106	0	120	0	0	0	0	0	122	0	161	84	124	0	145	77	105	0	123	88	119	0	133	102	0	0	0	0	0	0
2400	73	0	89	0	95	0	105	0	0	0	0	0	119	0	148	88	122	0	138	90	101	0	114	79	114	0	125	86	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	581	0	586	0	577	0	572	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	190	6
200	583	0	590	0	581	0	576	0	320	2	320	2	-13	0	2	0	2	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	190	0
300	588	0	594	0	586	0	581	0	320	2	320	2	-13	0	0	0	0	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	191	0
400	597	0	604	0	595	0	590	0	320	2	320	2	-13	0	2	0	2	2	0	2	459	0	0	2	0	2	0	2	0	2	0	2	0	2	192	0
500	592	0	597	0	590	0	586	0	320	2	320	2	-13	0	0	0	0	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	213	0
600	574	0	581	0	574	0	568	0	320	2	320	2	-13	0	2	0	2	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	215	0
700	568	0	576	0	568	0	565	0	320	2	320	2	-13	0	2	0	2	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	222	0
800	561	0	568	0	559	0	556	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	441	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
900	567	0	572	0	563	0	558	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1000	586	0	592	0	577	0	572	0	320	2	320	2	-20	0	-9	0	-9	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1100	604	0	610	0	595	0	588	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	469	0	0	2	0	2	0	2	0	2	0	2	0	2	223	6
1200	630	0	637	0	615	0	610	0	320	2	320	2	-27	0	-16	0	-16	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1300	660	0	666	0	640	0	633	0	320	2	320	2	-32	0	-20	0	-20	2	0	2	498	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1400	684	0	689	0	664	0	657	0	320	2	320	2	-32	0	-20	0	-20	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1500	691	0	698	0	682	0	675	0	320	2	320	2	-23	0	-9	0	-9	2	0	2	513	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1600	712	0	720	0	705	0	696	0	320	2	320	2	-23	0	-9	0	-9	2	0	2	527	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1700	730	0	736	0	714	0	709	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	538	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1800	720	0	725	0	711	0	705	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
1900	705	0	711	0	700	0	694	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
2000	678	0	684	0	676	0	671	0	320	2	320	2	-13	0	2	0	2	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
2100	660	0	666	0	662	0	657	0	320	2	320	2	-11	0	0	0	0	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
2200	653	0	658	0	655	0	649	0	320	2	320	2	-11	0	0	0	0	2	0	2	484	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
2300	651	0	657	0	649	0	642	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
2400	646	0	653	0	644	0	637	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MAY 20, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	83	0	103	0	108	0	122	0	0	0	0	0	120	0	141	103	123	0	147	91	104	0	114	91	118	0	133	104	0	0	0	0	0	0
200	58	0	75	0	83	0	94	0	0	0	0	0	108	0	140	75	108	0	153	72	90	0	111	76	104	0	124	68	0	0	0	0	0	0
300	55	0	72	0	72	0	84	0	0	0	0	0	117	0	135	94	119	0	152	93	99	0	112	80	113	0	130	100	0	0	0	0	0	0
400	49	0	69	0	72	0	85	0	0	0	0	0	113	0	145	86	116	0	141	84	97	0	113	78	111	0	130	96	0	0	0	0	0	0
500	38	0	61	0	50	0	63	0	0	0	0	0	123	0	154	94	125	0	158	95	99	0	114	78	113	0	129	91	0	0	0	0	0	0
600	35	0	54	0	46	0	59	0	0	0	0	0	119	0	148	89	122	0	151	72	98	0	114	78	112	0	128	97	0	0	0	0	0	0
700	26	0	47	0	42	0	56	0	0	0	0	0	108	0	140	66	110	0	138	76	90	0	109	56	107	0	158	72	0	0	0	0	0	0
800	20	0	20	0	8	0	21	0	0	0	0	0	97	0	136	25	98	3	164	43	72	0	100	23	84	0	120	45	0	0	0	0	0	0
900	164	0	183	0	234	0	231	0	0	0	0	0	311	0	354	264	309	0	343	253	300	0	327	281	307	0	339	287	0	0	0	0	0	0
1000	92	0	112	0	157	0	167	0	0	0	0	0	32	0	100	348	29	0	83	347	358	0	34	337	8	0	47	344	0	0	0	0	0	0
1100	114	0	124	0	182	0	188	0	0	0	0	0	102	0	134	64	103	0	132	52	82	0	103	65	95	0	144	46	0	0	0	0	0	0
1200	83	0	106	0	163	0	168	0	0	0	0	0	131	0	175	85	132	0	176	89	124	0	143	109	138	0	157	118	0	0	0	0	0	0
1300	66	0	89	0	89	0	103	0	0	0	0	0	121	0	165	79	125	0	177	77	106	0	136	76	122	0	159	91	0	0	0	0	0	0
1400	42	0	66	0	86	0	101	0	0	0	0	0	138	0	202	91	135	0	178	65	130	0	151	97	144	0	170	116	0	0	0	0	0	0
1500	32	0	46	0	61	0	77	0	0	0	0	0	150	0	261	94	152	0	250	94	136	0	214	93	149	0	219	116	0	0	0	0	0	0
1600	19	0	36	0	37	0	49	0	0	0	0	0	5	3	159	271	2	0	57	279	355	0	33	317	3	0	31	304	0	0	0	0	0	0
1700	29	0	29	0	19	0	38	0	0	0	0	0	68	0	104	26	70	3	100	22	28	3	57	350	41	0	75	350	0	0	0	0	0	0
1800	19	0	19	0	25	0	38	0	0	0	0	0	64	0	143	10	67	3	128	15	86	3	115	35	99	0	141	59	0	0	0	0	0	0
1900	34	0	54	0	78	0	91	0	0	0	0	0	135	0	204	91	138	0	247	101	128	0	153	100	142	0	169	115	0	0	0	0	0	0
2000	25	0	45	0	53	0	67	0	0	0	0	0	116	0	137	97	118	0	145	88	102	0	111	90	116	0	125	105	0	0	0	0	0	0
2100	55	0	76	0	92	0	112	0	0	0	0	0	122	0	146	103	126	0	142	109	112	0	122	109	127	0	132	121	0	0	0	0	0	0
2200	54	0	72	0	91	0	106	0	0	0	0	0	116	0	131	96	119	0	144	88	102	0	113	91	117	0	157	106	0	0	0	0	0	0
2300	63	0	92	0	112	0	129	0	0	0	0	0	124	0	149	107	127	0	148	105	112	0	125	100	126	0	140	116	0	0	0	0	0	0
2400	46	0	65	0	132	0	147	0	0	0	0	0	336	0	101	282	329	0	45	274	299	0	328	281	304	0	328	290	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	637	0	642	0	635	0	630	0	320	2	320	2	-13	0	0	0	0	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
200	628	0	635	0	628	0	622	0	320	2	320	2	-11	0	0	0	0	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
300	624	0	630	0	626	0	619	0	320	2	320	2	-11	0	0	0	0	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
400	622	0	628	0	622	0	617	0	320	2	320	2	-11	0	0	0	0	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
500	617	0	622	0	617	0	613	0	320	2	320	2	-11	0	0	0	0	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
600	615	0	621	0	615	0	610	0	320	2	320	2	-11	0	0	0	0	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	223	6
700	615	0	621	0	613	0	610	0	320	2	320	2	-13	0	2	0	2	2	0	2	469	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
800	624	0	630	0	624	0	615	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	223	0
900	565	0	572	0	572	0	563	0	320	2	320	2	-9	0	7	0	7	2	0	2	453	0	0	2	0	2	0	2	0	2	0	2	0	2	229	0
1000	550	0	556	0	558	0	552	0	320	2	320	2	-4	0	5	0	5	2	0	2	432	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1100	579	0	586	0	579	0	574	0	320	2	320	2	-13	0	2	0	2	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1200	660	0	667	0	655	0	649	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	493	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1300	738	0	745	0	721	0	712	0	320	2	320	2	-31	0	-16	0	-16	2	0	2	531	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1400	779	0	786	0	750	0	743	0	320	2	320	2	-43	0	-31	0	-31	2	0	2	552	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1500	813	0	819	0	779	0	772	0	320	2	320	2	-49	0	-36	0	-36	2	0	2	572	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1600	707	0	714	0	716	0	703	0	320	2	320	2	-11	0	11	0	11	2	0	2	541	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1700	732	0	739	0	739	0	727	0	320	2	320	2	-13	0	7	0	7	2	0	2	540	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1800	774	0	781	0	766	0	756	0	320	2	320	2	-25	0	-7	0	-7	2	0	2	570	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1900	774	0	779	0	772	0	765	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	552	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
2000	745	0	752	0	754	0	747	0	320	2	320	2	-4	0	9	0	9	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
2100	730	0	738	0	747	0	739	0	320	2	320	2	4	0	14	0	14	2	0	2	520	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
2200	720	0	725	0	729	0	721	0	320	2	320	2	-2	0	9	0	9	2	0	2	511	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
2300	714	0	721	0	720	0	714	0	320	2	320	2	-7	0	5	0	5	2	0	2	514	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
2400	588	0	594	0	624	0	621	0	320	2	320	2	27	0	36	0	36	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 L[illegible]Y

DIGITAL GRAPHICS INCORPORATED — AEP COOK — METEOROLOGICAL DATA FOR

HOUR	WIND SPD2 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	[illegible]	S
100	40	0	62	0	99	0	110	0	0	0	0	0	44	0	96	14	40	0	86	5	6	0	29	339	17	0	37	346	0	0	0	0	0	0
200	41	0	65	0	81	0	102	0	0	0	0	0	73	0	120	36	70	0	123	27	38	0	68	12	51	0	74	23	0	0	0	0	0	0
300	55	0	71	0	89	0	98	0	0	0	0	0	111	0	141	81	114	0	141	80	85	0	103	68	98	0	122	55	0	0	0	0	0	0
400	79	0	105	0	130	0	146	0	0	0	0	0	125	0	149	99	128	0	151	114	112	0	122	102	123	0	130	117	0	0	0	0	0	0
500	49	0	76	0	126	0	137	0	0	0	0	0	128	0	164	80	133	0	173	87	128	0	147	113	142	0	153	132	0	0	0	0	0	0
600	39	0	66	0	119	0	133	0	0	0	0	0	140	0	176	84	145	0	183	108	143	0	166	132	156	0	182	140	0	0	0	0	0	0
700	29	0	52	0	90	0	103	0	0	0	0	0	149	3	231	96	154	0	207	105	148	0	181	120	163	0	206	111	0	0	0	0	0	0
800	34	0	49	0	70	0	84	0	0	0	0	0	162	0	248	99	161	0	230	98	153	0	199	120	165	0	215	127	0	0	0	0	0	0
900	34	0	49	0	77	0	93	0	0	0	0	0	164	0	261	93	162	0	234	98	155	0	201	108	168	0	209	133	0	0	0	0	0	0
1000	33	0	48	0	83	0	97	0	0	0	0	0	180	0	247	91	181	0	265	100	167	0	226	116	178	0	218	106	0	0	0	0	0	0
1100	46	0	56	0	73	0	80	0	0	0	0	0	198	0	268	114	197	0	262	116	176	0	216	127	187	0	251	135	0	0	0	0	0	0
1200	37	0	50	0	72	0	84	0	0	0	0	0	201	0	261	99	196	0	267	90	168	0	214	93	181	0	251	117	0	0	0	0	0	0
1300	65	0	75	0	118	0	124	0	0	0	0	0	193	0	267	94	194	0	267	94	175	0	217	125	188	0	247	131	0	0	0	0	0	0
1400	60	0	69	0	113	0	125	0	0	0	0	0	208	0	269	96	207	0	268	128	179	0	227	132	191	0	238	145	0	0	0	0	0	0
1500	83	0	90	0	126	0	131	0	0	0	0	0	238	0	287	197	239	0	280	202	210	0	261	172	219	0	257	169	0	0	0	0	0	0
1600	66	0	73	0	115	0	117	0	0	0	0	0	234	0	279	194	230	0	274	191	204	0	246	179	211	0	242	185	0	0	0	0	0	0
1700	53	0	62	0	91	0	92	0	0	0	0	0	237	0	296	181	234	0	312	186	204	0	245	161	213	0	247	144	0	0	0	0	0	0
1800	36	0	51	0	94	0	97	0	0	0	0	0	183	0	267	102	179	0	252	95	168	0	199	123	178	0	209	145	0	0	0	0	0	0
1900	87	0	102	0	168	0	187	0	0	0	0	0	149	0	251	91	150	0	214	101	140	0	168	115	153	0	188	123	0	0	0	0	0	0
2000	88	0	107	0	171	0	189	0	0	0	0	0	156	0	239	105	160	0	236	94	147	0	178	100	160	0	181	129	0	0	0	0	0	0
2100	72	0	95	0	164	0	182	0	0	0	0	0	157	0	243	97	156	0	243	91	148	0	170	124	160	0	194	135	0	0	0	0	0	0
2200	81	0	97	0	177	0	192	0	0	0	0	0	147	0	186	98	153	0	199	98	147	0	168	131	160	0	194	131	0	0	0	0	0	0
2300	92	0	107	0	200	0	213	0	0	0	0	0	162	0	230	95	162	0	224	96	155	0	177	132	167	0	204	146	0	0	0	0	0	0
2400	96	0	111	0	208	0	209	0	0	0	0	0	165	0	225	104	167	0	245	95	159	0	189	135	173	0	213	136	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	630	0	635	0	642	0	635	0	320	2	320	2	0	0	11	0	11	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
200	651	0	658	0	657	0	651	0	320	2	320	2	-5	0	5	0	5	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
300	646	0	651	0	644	0	639	0	320	2	320	2	-13	0	0	0	0	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
400	649	0	657	0	662	0	657	0	320	2	320	2	0	0	11	0	11	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
500	671	0	676	0	676	0	671	0	320	2	320	2	-5	0	5	0	5	2	0	2	493	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
600	675	0	682	0	680	0	673	0	320	2	320	2	-7	0	5	0	5	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
700	691	0	698	0	691	0	685	0	320	2	320	2	-13	0	0	0	0	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
800	729	0	734	0	714	0	709	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	536	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
900	768	0	774	0	745	0	739	0	320	2	320	2	-36	0	-23	0	-23	2	0	2	563	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1000	804	0	808	0	774	0	768	0	320	2	320	2	-40	0	-29	0	-29	2	0	2	583	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1100	838	0	844	0	806	0	799	0	320	2	320	2	-43	0	-32	0	-32	2	0	2	599	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1200	858	0	862	0	828	0	820	0	320	2	320	2	-41	0	-31	0	-31	2	0	2	606	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1300	876	0	880	0	837	0	829	0	320	2	320	2	-49	0	-40	0	-40	2	0	2	601	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1400	885	0	889	0	849	0	842	0	320	2	320	2	-47	0	-36	0	-36	2	0	2	603	0	0	2	0	2	0	2	0	2	0	2	0	2	226	0
1500	878	0	882	0	851	0	844	0	320	2	320	2	-34	0	-27	0	-27	2	0	2	597	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1600	824	0	828	0	829	0	822	0	320	2	320	2	-5	0	5	0	5	2	0	2	576	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1700	862	0	867	0	847	0	842	0	320	2	320	2	-25	0	-16	0	-16	2	0	2	601	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1800	838	0	864	0	840	0	835	0	320	2	320	2	-31	0	-18	0	-18	2	0	2	603	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1900	775	0	781	0	768	0	761	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	554	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2000	747	0	754	0	748	0	741	0	320	2	320	2	-11	0	2	0	2	2	0	2	522	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2100	734	0	741	0	739	0	732	0	320	2	320	2	-9	0	4	0	4	2	0	2	522	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2200	725	0	732	0	732	0	725	0	320	2	320	2	-7	0	5	0	5	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2300	720	0	727	0	727	0	720	0	320	2	320	2	-7	0	5	0	5	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2400	721	0	727	0	725	0	718	0	320	2	320	2	-7	0	4	0	4	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	168	0	176	0	265	0	265	0	0	0	0	0	244	0	344	181	241	0	286	185	222	0	257	168	230	0	260	186	0	0	0	0	0	0
200	114	0	117	0	179	0	180	0	0	0	0	0	242	0	270	194	242	0	275	181	229	0	244	204	237	0	248	208	0	0	0	0	0	0
300	39	0	58	0	101	0	117	0	0	0	0	0	156	0	238	108	153	0	231	102	150	0	178	121	163	0	194	133	0	0	0	0	0	0
400	53	0	72	0	86	0	98	0	0	0	0	0	259	0	315	228	258	0	316	234	243	0	278	234	253	0	292	238	0	0	0	0	0	0
500	87	0	95	0	152	0	153	0	0	0	0	0	248	0	273	218	246	0	289	201	238	0	248	225	246	0	259	208	0	0	0	0	0	0
600	87	0	91	0	170	0	162	0	0	0	0	0	233	0	263	182	230	0	259	199	219	0	245	182	227	0	255	201	0	0	0	0	0	0
700	63	0	73	0	126	0	126	0	0	0	0	0	226	0	266	136	227	0	269	164	204	0	237	177	212	0	232	192	0	0	0	0	0	0
800	65	0	74	0	121	0	121	0	0	0	0	0	239	0	294	187	239	0	285	201	217	0	234	190	226	0	259	193	0	0	0	0	0	0
900	100	0	111	0	175	0	190	0	0	0	0	0	255	0	300	191	252	0	284	220	240	0	257	214	246	0	270	192	0	0	0	0	0	0
1000	109	0	132	0	164	0	185	0	0	0	0	0	272	0	307	206	268	0	303	212	254	0	278	227	261	0	300	225	0	0	0	0	0	0
1100	46	0	65	0	86	0	105	0	0	0	0	0	296	0	351	248	295	0	340	245	282	0	305	267	289	0	340	271	0	0	0	0	0	0
1200	34	0	53	0	59	0	75	0	0	0	0	0	294	0	355	249	290	0	353	249	274	0	302	216	281	0	342	197	0	0	0	0	0	0
1300	71	0	86	0	92	0	107	0	0	0	0	0	275	0	332	227	270	0	323	225	265	0	338	221	275	0	353	232	0	0	0	0	0	0
1400	41	0	56	0	62	0	78	0	0	0	0	0	268	0	323	231	261	0	321	200	265	0	307	223	273	0	357	236	0	0	0	0	0	0
1500	82	0	101	0	117	0	136	0	0	0	0	0	277	0	339	218	273	0	327	213	270	0	302	225	278	0	322	241	0	0	0	0	0	0
1600	58	0	77	0	99	0	111	0	0	0	0	0	307	0	356	263	302	0	345	247	296	0	325	279	302	0	341	286	0	0	0	0	0	0
1700	53	0	76	0	95	0	117	0	0	0	0	0	334	0	83	271	329	0	25	285	316	0	343	256	321	0	358	276	0	0	0	0	0	0
1800	71	0	90	0	110	0	131	0	0	0	0	0	331	0	35	272	328	0	73	278	317	0	335	279	323	0	352	285	0	0	0	0	0	0
1900	59	0	77	0	97	0	116	0	0	0	0	0	334	0	30	281	328	0	49	271	318	0	337	282	325	0	7	303	0	0	0	0	0	0
2000	60	0	83	0	104	0	117	0	0	0	0	0	325	0	11	272	321	0	7	272	313	0	346	268	319	0	1	276	0	0	0	0	0	0
2100	52	0	76	0	90	0	102	0	0	0	0	0	312	0	351	268	310	0	356	272	301	0	334	280	308	0	332	283	0	0	0	0	0	0
2200	103	0	123	0	148	0	163	0	0	0	0	0	307	0	17	272	302	0	336	260	293	0	305	281	298	0	315	288	0	0	0	0	0	0
2300	73	0	89	0	95	0	116	0	0	0	0	0	270	0	328	215	270	0	338	230	258	0	301	227	266	0	293	241	0	0	0	0	0	0
2400	70	0	91	0	94	0	117	0	0	0	0	0	292	0	346	252	290	0	342	241	279	0	312	246	285	0	304	252	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	718	0	723	0	721	0	714	0	320	2	320	2	-9	0	4	0	4	2	0	2	516	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
200	621	0	639	0	639	0	633	0	320	2	320	2	-5	0	7	0	7	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
300	662	0	667	0	667	0	662	0	320	2	320	2	-7	0	5	0	5	2	0	2	489	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
400	662	0	669	0	684	0	678	0	320	2	320	2	11	0	22	0	22	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
500	626	0	633	0	644	0	639	0	320	2	320	2	5	0	18	0	18	2	0	2	469	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
600	613	0	621	0	626	0	621	0	320	2	320	2	2	0	13	0	13	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
700	651	0	658	0	653	0	648	0	320	2	320	2	-11	0	0	0	0	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
800	658	0	662	0	651	0	646	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	500	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
900	657	0	660	0	667	0	660	0	320	2	320	2	0	0	11	0	11	2	0	2	496	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1000	648	0	651	0	651	0	642	0	320	2	320	2	-9	0	4	0	4	2	0	2	495	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1100	606	0	610	0	585	0	577	0	320	2	320	2	-32	0	-20	0	-20	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1200	613	0	617	0	592	0	585	0	320	2	320	2	-32	0	-20	0	-20	2	0	2	475	0	0	2	0	2	0	2	0	2	0	2	0	2	227	0
1300	612	0	613	0	592	0	585	0	320	2	320	2	-29	0	-16	0	-16	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1400	617	0	619	0	592	0	586	0	320	2	320	2	-32	0	-22	0	-22	2	0	2	477	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1500	622	0	626	0	599	0	592	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1600	610	0	615	0	583	0	574	0	320	2	320	2	-41	0	-25	0	-25	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1700	579	0	586	0	567	0	561	0	320	2	320	2	-27	0	-11	0	-11	2	0	2	462	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1800	570	0	577	0	563	0	556	0	320	2	320	2	-22	0	-7	0	-7	2	0	2	455	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1900	550	0	556	0	543	0	536	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2000	541	0	549	0	538	0	532	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2100	545	0	550	0	540	0	534	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2200	554	0	561	0	550	0	545	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2300	559	0	567	0	558	0	552	0	320	2	320	2	-14	0	0	0	0	2	0	2	437	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2400	556	0	561	0	552	0	547	0	320	2	320	2	-14	0	2	0	2	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

RE[illegible]NG RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	62	0	81	0	93	0	115	0	0	0	0	0	295	0	337	238	292	0	332	249	279	0	302	256	285	0	298	264	0	0	0	0	0	0
200	80	0	103	0	125	0	136	0	0	0	0	0	316	0	357	261	313	0	351	277	300	0	328	283	306	0	332	289	0	0	0	0	0	0
300	49	0	68	0	78	0	92	0	0	0	0	0	314	0	356	255	313	0	24	275	304	0	327	281	309	0	329	282	0	0	0	0	0	0
400	51	0	70	0	90	0	107	0	0	0	0	0	326	0	22	275	316	0	358	261	312	0	336	271	318	0	343	290	0	0	0	0	0	0
500	65	0	86	0	102	0	117	0	0	0	0	0	348	0	49	305	343	0	45	280	330	0	9	305	338	0	24	311	0	0	0	0	0	0
600	47	0	66	0	90	0	102	0	0	0	0	0	27	0	136	331	21	0	92	331	348	0	24	306	358	0	74	299	0	0	0	0	0	0
700	45	0	64	0	71	0	84	0	0	0	0	0	31	0	88	339	30	0	100	1	1	0	42	316	13	0	77	333	0	0	0	0	0	0
800	44	0	62	0	62	0	74	0	0	0	0	0	33	0	86	346	30	0	81	332	358	0	32	324	9	0	50	327	0	0	0	0	0	0
900	30	0	49	0	54	0	69	0	0	0	0	0	11	3	131	298	10	0	66	294	353	0	25	314	1	0	76	321	0	0	0	0	0	0
1000	34	0	48	0	53	0	68	0	0	0	0	0	5	0	116	280	2	0	124	272	341	0	46	271	353	0	55	277	0	0	0	0	0	0
1100	45	0	63	0	72	0	90	0	0	0	0	0	338	0	59	271	337	0	51	271	327	0	2	276	333	0	14	284	0	0	0	0	0	0
1200	39	0	58	0	73	0	85	0	0	0	0	0	8	0	99	276	6	0	146	271	337	0	36	271	345	0	44	274	0	0	0	0	0	0
1300	44	0	60	0	75	0	91	0	0	0	0	0	14	0	177	276	13	0	120	274	345	0	32	285	355	0	82	305	0	0	0	0	0	0
1400	48	0	63	0	79	0	88	0	0	0	0	0	1	0	100	278	0	0	90	280	341	0	36	272	353	0	87	302	0	0	0	0	0	0
1500	51	0	65	0	75	0	90	0	0	0	0	0	7	0	109	277	7	0	140	279	343	0	57	290	353	0	41	276	0	0	0	0	0	0
1600	43	0	62	0	75	0	87	0	0	0	0	0	17	0	103	295	14	0	174	286	345	0	33	279	356	0	83	284	0	0	0	0	0	0
1700	56	0	73	0	87	0	101	0	0	0	0	0	21	0	137	306	16	0	72	321	354	0	47	301	1	0	54	296	0	0	0	0	0	0
1800	77	0	95	0	111	0	123	0	0	0	0	0	34	0	80	353	31	0	74	330	6	0	47	336	17	0	52	337	0	0	0	0	0	0
1900	55	0	78	0	91	0	102	0	0	0	0	0	45	0	104	14	42	0	115	351	13	0	36	351	25	0	52	0	0	0	0	0	0	0
2000	43	0	66	0	80	0	93	0	0	0	0	0	42	0	88	339	38	0	85	302	16	0	62	350	27	0	68	358	0	0	0	0	0	0
2100	36	0	56	0	65	0	77	0	0	0	0	0	31	0	76	333	31	0	84	356	359	0	33	304	9	0	46	333	0	0	0	0	0	0
2200	33	0	52	0	64	0	79	0	0	0	0	0	16	0	91	309	14	0	134	279	350	0	33	279	0	0	47	298	0	0	0	0	0	0
2300	39	0	58	0	65	0	78	0	0	0	0	0	27	0	99	325	23	0	86	315	0	0	36	324	10	0	44	328	0	0	0	0	0	0
2400	30	0	49	0	61	0	78	0	0	0	0	0	24	3	110	334	22	0	130	292	342	0	23	300	347	0	63	294	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	530	0	538	0	549	0	543	0	320	2	320	2	-14	0	2	0	2	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
200	529	0	534	0	525	0	520	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
300	522	0	527	0	518	0	513	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	419	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
400	514	0	522	0	511	0	505	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
500	487	0	495	0	484	0	478	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	405	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
600	475	0	482	0	471	0	466	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
700	471	0	477	0	466	0	460	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	396	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
800	475	0	482	0	471	0	466	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	401	0	0	2	0	2	0	2	0	2	0	2	0	2	226	0
900	487	0	495	0	492	0	477	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	410	0	0	2	0	2	0	2	0	2	0	2	0	2	225	6
1000	500	0	507	0	493	0	484	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1100	504	0	511	0	495	0	486	0	320	2	320	2	-25	0	-9	0	-9	2	0	2	430	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1200	516	0	525	0	495	0	486	0	320	2	320	2	-40	0	-22	0	-22	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1300	514	0	523	0	498	0	489	0	320	2	320	2	-36	0	-14	0	-14	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1400	511	0	518	0	502	0	491	0	320	2	320	2	-27	0	-7	0	-7	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1500	504	0	511	0	496	0	486	0	320	2	320	2	-25	0	-5	0	-5	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1600	505	0	513	0	498	0	489	0	320	2	320	2	-23	0	-7	0	-7	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1700	489	0	496	0	486	0	477	0	320	2	320	2	-20	0	-4	0	-4	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1800	486	0	493	0	486	0	478	0	320	2	320	2	-14	0	2	0	2	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1900	466	0	473	0	462	0	457	0	320	2	320	2	-16	0	-2	0	-2	2	0	2	397	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2000	464	0	471	0	460	0	455	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2100	466	0	473	0	462	0	457	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2200	466	0	473	0	462	0	457	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	392	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2300	462	0	469	0	459	0	453	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	390	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2400	459	0	466	0	455	0	450	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	388	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR MAY 24, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	36	0	52	0	64	0	77	0	0	0	0	0	15	0	82	313	14	0	120	303	342	0	36	293	349	0	40	294	0	0	0	0	0	0
200	20	0	34	0	37	0	54	0	0	0	0	0	10	3	100	289	7	0	119	287	334	0	25	272	342	0	42	286	0	0	0	0	0	0
300	11	0	31	0	23	0	40	0	0	0	0	0	83	3	164	30	81	0	151	31	57	3	92	21	71	0	108	29	0	0	0	0	0	0
400	20	0	20	0	9	0	24	0	0	0	0	0	97	3	147	40	97	3	153	62	49	3	70	21	60	0	90	35	0	0	0	0	0	0
500	27	0	27	0	21	0	35	0	0	0	0	0	136	0	182	93	139	3	174	85	114	0	146	89	128	0	153	104	0	0	0	0	0	0
600	16	0	34	0	31	0	44	0	0	0	0	0	98	0	146	60	98	0	135	60	81	0	102	56	93	0	116	37	0	0	0	0	0	0
700	26	0	48	0	34	0	50	0	0	0	0	0	75	0	109	3	78	0	130	40	53	0	77	43	66	0	93	44	0	0	0	0	0	0
800	21	0	37	0	36	0	55	0	0	0	0	0	85	0	129	21	85	0	170	16	62	0	123	20	75	0	139	3	0	0	0	0	0	0
900	27	0	44	0	40	0	57	0	0	0	0	0	87	3	148	24	88	0	147	7	72	0	159	9	85	0	165	46	0	0	0	0	0	0
1000	31	0	49	0	45	0	61	0	0	0	0	0	107	0	165	24	109	0	167	61	87	0	136	0	98	0	164	18	0	0	0	0	0	0
1100	25	0	40	0	33	0	47	0	0	0	0	0	100	0	152	38	99	0	144	38	93	0	157	35	110	0	162	57	0	0	0	0	0	0
1200	39	0	55	0	53	0	67	0	0	0	0	0	130	0	221	90	133	0	222	97	115	0	179	77	132	0	221	91	0	0	0	0	0	0
1300	30	0	50	0	40	0	54	0	0	0	0	0	100	0	173	32	101	0	179	33	87	0	170	30	97	0	170	37	0	0	0	0	0	0
1400	42	0	57	0	86	0	99	0	0	0	0	0	8	0	113	280	11	0	158	280	343	0	77	302	352	0	109	300	0	0	0	0	0	0
1500	62	0	82	0	121	0	135	0	0	0	0	0	10	0	62	278	10	0	70	273	348	0	44	294	359	0	79	321	0	0	0	0	0	0
1600	100	0	121	0	145	0	155	0	0	0	0	0	27	0	95	330	24	0	96	324	359	0	58	324	10	0	59	327	0	0	0	0	0	0
1700	83	0	101	0	143	0	154	0	0	0	0	0	34	0	101	351	33	0	89	343	2	0	35	327	14	0	48	344	0	0	0	0	0	0
1800	92	0	114	0	129	0	138	0	0	0	0	0	32	0	77	350	34	0	75	339	12	0	55	349	25	0	71	1	0	0	0	0	0	0
1900	72	0	93	0	113	0	123	0	0	0	0	0	37	0	100	4	33	0	79	347	14	0	44	358	25	0	47	3	0	0	0	0	0	0
2000	56	0	82	0	90	0	106	0	0	0	0	0	48	0	84	16	48	0	83	8	21	0	44	1	35	0	56	14	0	0	0	0	0	0
2100	31	0	52	0	70	0	94	0	0	0	0	0	82	0	126	32	83	0	117	50	47	0	58	32	61	0	77	44	0	0	0	0	0	0
2200	58	0	76	0	117	0	128	0	0	0	0	0	94	0	116	76	95	0	125	68	48	0	78	33	69	0	83	12	0	0	0	0	0	0
2300	53	0	72	0	126	0	134	0	0	0	0	0	103	0	132	63	105	0	136	79	100	0	124	91	100	0	124	91	0	0	0	0	0	0
2400	81	0	96	0	145	0	156	0	0	0	0	0	117	0	142	82	119	0	141	96	111	0	122	102	111	0	122	102	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	455	0	460	0	450	0	444	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
200	450	0	457	0	446	0	441	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
300	450	0	457	0	446	0	441	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
400	448	0	455	0	446	0	441	0	320	2	320	2	-13	0	2	0	2	2	0	2	383	0	0	2	0	2	0	2	0	2	0	2	0	2	226	0
500	455	0	460	0	451	0	446	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	226	0
600	451	0	457	0	446	0	441	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	385	0	0	2	0	2	0	2	0	2	0	2	0	2	225	6
700	478	0	484	0	460	0	455	0	320	2	320	2	-31	0	-18	0	-18	2	0	2	414	0	0	2	0	2	0	2	0	2	0	2	0	2	226	0
800	507	0	516	0	482	0	475	0	320	2	320	2	-40	0	-25	0	-25	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	225	6
900	540	0	549	0	513	0	502	0	320	2	320	2	-45	0	-27	0	-27	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1000	547	0	554	0	523	0	516	0	320	2	320	2	-38	0	-23	0	-23	2	0	2	448	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1100	558	0	563	0	536	0	529	0	320	2	320	2	-34	0	-20	0	-20	2	0	2	451	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1200	592	0	599	0	568	0	559	0	320	2	320	2	-40	0	-25	0	-25	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1300	612	0	619	0	586	0	576	0	320	2	320	2	-43	0	-25	0	-25	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1400	576	0	585	0	556	0	547	0	320	2	320	2	-38	0	-20	0	-20	2	0	2	457	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
1500	576	0	585	0	556	0	547	0	320	2	320	2	-40	0	-20	0	-20	2	0	2	466	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1600	550	0	558	0	547	0	538	0	320	2	320	2	-20	0	-2	0	-2	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1700	538	0	547	0	536	0	527	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	442	0	0	2	0	2	0	2	0	2	0	2	0	2	224	0
1800	536	0	543	0	536	0	529	0	320	2	320	2	-14	0	0	0	0	2	0	2	439	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1900	529	0	536	0	529	0	522	0	320	2	320	2	-14	0	0	0	0	2	0	2	435	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2000	520	0	527	0	520	0	516	0	320	2	320	2	-11	0	0	0	0	2	0	2	417	0	0	2	0	2	0	2	0	2	0	2	0	2	224	6
2100	509	0	516	0	525	0	520	0	320	2	320	2	5	0	16	0	16	2	0	2	412	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2200	518	0	523	0	540	0	534	0	320	2	320	2	11	0	22	0	22	2	0	2	415	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2300	527	0	532	0	559	0	556	0	320	2	320	2	22	0	32	0	32	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
2400	538	0	543	0	561	0	556	0	320	2	320	2	11	0	23	0	23	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0

S[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

P[illegible]ING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	76	0	87	0	116	0	128	0	0	0	0	0	114	0	137	92	116	0	148	89	111	0	132	100	111	0	132	100	0	0	0	0	0	0
200	102	0	120	0	137	0	153	0	0	0	0	0	123	0	151	99	126	0	155	96	117	0	130	100	117	0	130	100	0	0	0	0	0	0
300	110	0	129	0	145	0	159	0	0	0	0	0	119	0	147	94	121	0	142	89	114	0	129	101	114	0	129	101	0	0	0	0	0	0
400	118	0	139	0	156	0	170	0	0	0	0	0	117	0	161	87	120	0	146	79	112	0	134	93	112	0	134	93	0	0	0	0	0	0
500	128	0	146	0	164	0	176	0	0	0	0	0	118	0	143	83	120	0	151	69	112	0	129	100	112	0	129	100	0	0	0	0	0	0
600	132	0	144	0	167	0	176	0	0	0	0	0	117	0	143	90	118	0	157	76	109	0	124	92	109	0	124	92	0	0	0	0	0	0
700	137	0	159	0	179	0	194	0	0	0	0	0	121	0	143	99	123	0	157	87	115	0	126	102	115	0	126	102	0	0	0	0	0	0
800	148	0	173	0	181	0	193	0	0	0	0	0	122	0	154	102	125	0	159	94	115	0	131	102	115	0	131	102	0	0	0	0	0	0
900	139	0	165	0	176	0	192	0	0	0	0	0	123	0	147	98	126	0	155	88	119	0	136	97	119	0	136	97	0	0	0	0	0	0
1000	140	0	166	0	177	0	194	0	0	0	0	0	125	0	153	106	127	0	150	97	120	0	133	99	120	0	133	99	0	0	0	0	0	0
1100	124	0	150	0	178	0	197	0	0	0	0	0	121	0	157	89	126	0	159	100	123	0	140	105	123	0	140	105	0	0	0	0	0	0
1200	70	0	94	0	100	0	120	0	0	0	0	0	122	0	159	74	124	0	146	93	122	0	142	102	122	0	142	102	0	0	0	0	0	0
1300	81	0	103	0	112	0	129	0	0	0	0	0	120	0	161	91	125	0	156	95	118	0	133	96	118	0	133	96	0	0	0	0	0	0
1400	48	0	73	0	90	0	105	0	0	0	0	0	124	0	179	83	130	0	186	91	127	0	147	91	127	0	147	91	0	0	0	0	0	0
1500	92	0	112	0	134	0	150	0	0	0	0	0	115	0	142	81	117	0	145	85	111	0	139	91	111	0	139	91	0	0	0	0	0	0
1600	148	0	170	0	175	0	188	0	0	0	0	0	122	0	146	83	125	0	152	92	117	0	130	102	117	0	130	102	0	0	0	0	0	0
1700	93	0	111	0	135	0	148	0	0	0	0	0	116	0	160	86	117	0	148	83	111	0	130	88	111	0	130	88	0	0	0	0	0	0
1800	113	0	147	0	162	0	180	0	0	0	0	0	125	0	157	103	129	0	154	106	123	0	146	102	123	0	146	102	0	0	0	0	0	0
1900	93	0	121	0	136	0	156	0	0	0	0	0	123	0	170	79	124	0	160	69	123	0	140	108	123	0	140	108	0	0	0	0	0	0
2000	28	0	40	0	55	0	66	0	0	0	0	0	181	3	261	107	173	0	261	95	176	0	235	117	176	0	235	117	0	0	0	0	0	0
2100	77	0	106	0	131	0	152	0	0	0	0	0	123	0	162	80	128	0	171	98	126	0	146	110	126	0	146	110	0	0	0	0	0	0
2200	78	0	115	0	145	0	164	0	0	0	0	0	130	0	220	96	130	0	161	72	131	0	152	102	131	0	152	102	0	0	0	0	0	0
2300	65	0	88	0	143	0	159	0	0	0	0	0	138	0	186	92	139	0	199	96	144	0	158	126	144	0	158	126	0	0	0	0	0	0
2400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	552	0	558	0	554	0	549	0	320	2	320	2	-9	0	4	0	4	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
200	552	0	558	0	552	0	547	0	320	2	320	2	-13	0	0	0	0	2	0	2	433	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
300	541	0	547	0	541	0	536	0	320	2	320	2	-13	0	0	0	0	2	0	2	428	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
400	532	0	538	0	531	0	525	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	424	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
500	525	0	532	0	523	0	518	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	423	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
600	522	0	529	0	520	0	514	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	421	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
700	531	0	538	0	527	0	522	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	426	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
800	554	0	561	0	550	0	543	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	444	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
900	594	0	599	0	585	0	579	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	469	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1000	606	0	612	0	601	0	594	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1100	619	0	626	0	613	0	608	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1200	635	0	642	0	630	0	624	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1300	622	0	628	0	621	0	615	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	466	0	0	2	0	2	0	2	0	2	0	2	0	2	225	0
1400	610	0	615	0	610	0	603	0	320	2	320	2	-13	0	0	0	0	2	0	2	460	0	0	2	0	2	0	2	0	2	0	2	0	2	230	0
1500	630	0	637	0	628	0	621	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	471	0	0	2	0	2	0	2	0	2	0	2	0	2	230	0
1600	646	0	653	0	642	0	635	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	230	0
1700	655	0	660	0	649	0	642	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	230	0
1800	662	0	667	0	658	0	651	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	491	0	0	2	0	2	0	2	0	2	0	2	0	2	230	0
1900	662	0	667	0	660	0	655	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	487	0	0	2	0	2	0	2	0	2	0	2	0	2	230	0
2000	741	0	747	0	716	0	709	0	320	2	320	2	-36	0	-25	0	-25	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
2100	649	0	657	0	657	0	651	0	320	2	320	2	-5	0	7	0	7	2	0	2	473	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
2200	653	0	660	0	653	0	648	0	320	2	320	2	-11	0	0	0	0	2	0	2	480	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
2300	644	0	651	0	644	0	639	0	320	2	320	2	-13	0	0	0	0	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
2400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
600	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
700	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
800	39	0	46	0	82	0	89	0	0	0	0	0	184	0	265	99	175	0	269	100	176	0	245	136	176	0	245	136	0	0	0	0	0	0
900	28	2	40	2	55	2	66	2	0	0	0	0	181	2	261	107	173	2	261	95	176	2	235	117	176	2	235	117	0	0	0	0	0	0
1000	42	0	55	0	75	0	80	0	0	0	0	0	200	0	267	94	202	0	265	119	188	0	248	107	188	0	248	107	0	0	0	0	0	0
1100	53	0	62	0	87	0	89	0	0	0	0	0	219	0	260	98	220	0	259	122	203	0	236	151	203	0	236	151	0	0	0	0	0	0
1200	37	0	50	0	77	0	85	0	0	0	0	0	189	0	269	107	193	0	266	94	179	0	240	111	179	0	240	111	0	0	0	0	0	0
1300	53	0	62	0	75	0	77	0	0	0	0	0	247	0	296	185	243	0	315	199	223	0	265	191	223	0	265	191	0	0	0	0	0	0
1400	49	0	67	0	70	0	79	0	0	0	0	0	260	0	340	215	255	0	292	208	242	0	272	210	242	0	272	210	0	0	0	0	0	0
1500	39	0	58	0	56	0	69	0	0	0	0	0	262	0	321	210	260	0	308	201	242	0	268	190	242	0	268	190	0	0	0	0	0	0
1600	42	0	50	0	60	0	67	0	0	0	0	0	248	0	285	217	242	0	290	205	240	0	272	221	240	0	272	221	0	0	0	0	0	0
1700	33	0	44	0	54	0	60	0	0	0	0	0	241	0	291	189	236	0	267	117	231	0	254	197	231	0	254	197	0	0	0	0	0	0
1800	34	0	49	0	64	0	69	0	0	0	0	0	243	0	289	185	239	0	293	190	217	0	244	173	217	0	244	173	0	0	0	0	0	0
1900	18	0	30	0	69	0	71	0	0	0	0	0	214	0	265	148	211	3	245	133	197	0	221	185	197	0	221	185	0	0	0	0	0	0
2000	14	0	32	0	65	0	69	0	0	0	0	0	181	0	244	108	183	0	236	121	185	0	202	168	185	0	202	168	0	0	0	0	0	0
2100	21	0	40	0	92	0	107	0	0	0	0	0	164	0	258	125	161	0	262	107	173	0	191	165	173	0	191	165	0	0	0	0	0	0
2200	31	0	53	0	119	0	137	0	0	0	0	0	156	0	226	93	156	0	197	100	167	0	183	157	167	0	183	157	0	0	0	0	0	0
2300	41	0	58	0	115	0	130	0	0	0	0	0	160	0	211	95	159	0	231	97	168	0	181	144	168	0	181	144	0	0	0	0	0	0
2400	35	0	53	0	128	0	124	0	0	0	0	0	175	0	254	119	178	0	254	108	179	0	197	162	179	0	197	162	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEM6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	698	0	703	0	685	0	678	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	522	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
900	747	0	750	0	721	0	716	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1000	752	0	756	0	730	0	723	0	320	2	320	2	-31	0	-22	0	-22	2	0	2	550	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1100	763	0	766	0	743	0	738	0	320	2	320	2	-29	0	-20	0	-20	2	0	2	556	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1200	801	0	806	0	770	0	763	0	320	2	320	2	-43	0	-32	0	-32	2	0	2	576	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1300	817	0	819	0	784	0	777	0	320	2	320	2	-40	0	-32	0	-32	2	0	2	567	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1400	810	0	811	0	801	0	792	0	320	2	320	2	-20	0	-11	0	-11	2	0	2	565	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1500	810	0	811	0	808	0	801	0	320	2	320	2	-11	0	2	0	2	2	0	2	567	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1600	828	0	829	0	811	0	804	0	320	2	320	2	-25	0	-16	0	-16	2	0	2	586	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1700	826	0	831	0	822	0	811	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	579	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1800	824	0	828	0	811	0	804	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	585	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1900	790	0	795	0	799	0	792	0	320	2	320	2	-4	0	9	0	9	2	0	2	563	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2000	772	0	779	0	797	0	790	0	320	2	320	2	13	0	25	0	25	2	0	2	545	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2100	752	0	759	0	783	0	775	0	320	2	320	2	18	0	31	0	31	2	0	2	529	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2200	734	0	739	0	763	0	756	0	320	2	320	2	18	0	29	0	29	2	0	2	518	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2300	727	0	732	0	743	0	736	0	320	2	320	2	5	0	16	0	16	2	0	2	514	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2400	716	0	721	0	732	0	725	0	320	2	320	2	4	0	16	0	16	2	0	2	507	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0

ST[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	38	0	51	0	127	0	124	0	0	0	0	0	193	0	267	99	194	0	257	92	188	0	213	156	188	0	213	156	0	0	0	0	0	0
200	56	0	71	0	136	0	127	0	0	0	0	0	208	0	260	140	211	0	263	108	198	0	223	170	198	0	223	170	0	0	0	0	0	0
300	56	0	67	0	117	0	115	0	0	0	0	0	215	0	256	176	216	0	264	155	207	0	225	178	207	0	225	178	0	0	0	0	0	0
400	60	0	66	0	121	0	120	0	0	0	0	0	227	0	276	183	228	0	263	163	214	0	237	177	214	0	237	177	0	0	0	0	0	0
500	30	0	42	0	85	0	88	0	0	0	0	0	195	0	255	116	195	0	257	104	204	0	230	171	204	0	230	171	0	0	0	0	0	0
600	24	0	39	0	100	0	96	0	0	0	0	0	177	0	250	90	182	0	238	99	189	0	207	175	189	0	207	175	0	0	0	0	0	0
700	33	0	49	0	91	0	89	0	0	0	0	0	194	0	240	124	195	0	248	118	195	0	214	171	195	0	214	171	0	0	0	0	0	0
800	54	0	62	0	84	0	90	0	0	0	0	0	234	0	294	193	227	0	322	190	209	0	237	179	209	0	237	179	0	0	0	0	0	0
900	62	0	70	0	100	0	104	0	0	0	0	0	234	0	295	197	233	0	269	175	219	0	258	160	219	0	258	160	0	0	0	0	0	0
1000	58	0	66	0	99	0	102	0	0	0	0	0	240	0	338	185	231	0	311	182	221	0	269	190	221	0	269	190	0	0	0	0	0	0
1100	67	0	75	0	94	0	101	0	0	0	0	0	243	0	276	194	240	0	284	216	232	0	252	209	232	0	252	209	0	0	0	0	0	0
1200	53	0	62	0	93	0	102	0	0	0	0	0	245	0	290	208	238	0	280	205	239	0	280	202	239	0	280	202	0	0	0	0	0	0
1300	51	0	71	0	78	0	97	0	0	0	0	0	263	0	297	237	258	0	307	222	248	0	263	191	248	0	263	191	0	0	0	0	0	0
1400	37	0	53	0	64	0	80	0	0	0	0	0	268	0	332	221	266	0	310	216	258	0	286	191	258	0	286	191	0	0	0	0	0	0
1500	23	0	36	0	40	0	45	0	0	0	0	0	237	0	308	187	235	0	295	185	208	0	262	156	208	0	262	156	0	0	0	0	0	0
1600	52	0	63	0	75	0	83	0	0	0	0	0	247	0	296	194	245	0	296	189	227	0	264	184	227	0	264	184	0	0	0	0	0	0
1700	44	0	52	0	95	0	96	0	0	0	0	0	213	0	267	109	209	0	267	92	195	0	240	146	195	0	240	146	0	0	0	0	0	0
1800	42	0	52	0	87	0	87	0	0	0	0	0	207	0	266	121	206	0	268	127	191	0	222	114	191	0	222	114	0	0	0	0	0	0
1900	26	0	40	0	68	0	74	0	0	0	0	0	180	0	262	107	178	0	266	108	178	0	224	146	178	0	224	146	0	0	0	0	0	0
2000	30	0	47	0	98	0	111	0	0	0	0	0	170	3	260	112	169	0	256	112	172	0	187	152	172	0	187	152	0	0	0	0	0	0
2100	31	0	49	0	110	0	120	0	0	0	0	0	161	0	234	103	165	0	259	115	172	0	188	156	172	0	188	156	0	0	0	0	0	0
2200	34	0	54	0	115	0	132	0	0	0	0	0	153	0	261	94	155	0	212	94	169	0	188	158	169	0	188	158	0	0	0	0	0	0
2300	40	0	57	0	129	0	129	0	0	0	0	0	177	0	237	114	181	0	262	115	179	0	197	161	179	0	197	161	0	0	0	0	0	0
2400	38	0	58	0	126	0	122	0	0	0	0	0	189	0	254	119	188	0	267	112	187	0	216	159	187	0	216	159	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	712	0	720	0	729	0	721	0	320	2	320	2	4	0	16	0	16	2	0	2	507	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
200	718	0	725	0	732	0	723	0	320	2	320	2	2	0	14	0	14	2	0	2	352	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
300	718	0	725	0	729	0	721	0	320	2	320	2	-4	0	9	0	9	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
400	714	0	721	0	725	0	718	0	320	2	320	2	-4	0	11	0	11	2	0	2	324	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
500	703	0	709	0	714	0	707	0	320	2	320	2	2	0	11	0	11	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
600	673	0	680	0	693	0	687	0	320	2	320	2	7	0	20	0	20	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
700	703	0	709	0	703	0	698	0	320	2	320	2	-11	0	0	0	0	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
800	732	0	737	0	743	0	736	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
900	774	0	779	0	759	0	754	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1000	795	0	799	0	775	0	768	0	320	2	320	2	-29	0	-18	0	-18	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1100	797	0	799	0	802	0	792	0	320	2	320	2	-5	0	7	0	7	2	0	2	308	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1200	808	0	810	0	808	0	801	0	320	2	320	2	-9	0	2	0	2	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1300	826	0	828	0	829	0	820	0	320	2	320	2	-4	0	4	0	4	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1400	833	0	833	0	813	0	804	0	320	2	320	2	-27	0	-18	0	-18	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1500	867	0	869	0	837	0	829	0	320	2	320	2	-40	0	-31	0	-31	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1600	862	0	865	0	840	0	835	0	320	2	320	2	-31	0	-22	0	-22	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1700	874	0	880	0	849	0	842	0	320	2	320	2	-36	0	-25	0	-25	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1800	867	0	873	0	851	0	844	0	320	2	320	2	-29	0	-18	0	-18	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1900	847	0	855	0	840	0	835	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2000	810	0	815	0	820	0	813	0	320	2	320	2	2	0	11	0	11	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2100	783	0	788	0	804	0	795	0	320	2	320	2	9	0	22	0	22	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2200	763	0	770	0	788	0	781	0	320	2	320	2	13	0	25	0	25	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2300	765	0	770	0	779	0	772	0	320	2	320	2	4	0	16	0	16	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2400	761	0	766	0	772	0	765	0	320	2	320	2	-2	0	11	0	11	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	47	0	61	0	131	0	128	0	0	0	0	0	197	0	257	104	198	0	264	115	192	0	218	166	192	0	218	166	0	0	0	0	0	0
200	41	0	57	0	114	0	113	0	0	0	0	0	199	0	261	124	192	0	257	127	191	0	214	152	191	0	214	152	0	0	0	0	0	0
300	33	0	47	0	111	0	106	0	0	0	0	0	203	0	258	107	199	0	262	121	193	0	209	164	193	0	209	164	0	0	0	0	0	0
400	38	0	49	0	110	0	105	0	0	0	0	0	206	0	266	146	206	0	260	126	193	0	216	176	193	0	216	176	0	0	0	0	0	0
500	28	0	41	0	97	0	95	0	0	0	0	0	189	3	265	103	190	0	258	111	192	0	219	173	192	0	219	173	0	0	0	0	0	0
600	26	0	41	0	91	0	90	0	0	0	0	0	195	3	261	132	192	0	264	128	194	0	212	169	194	0	212	169	0	0	0	0	0	0
700	31	0	48	0	98	0	101	0	0	0	0	0	183	0	257	97	179	0	262	107	183	0	210	137	183	0	210	137	0	0	0	0	0	0
800	33	0	46	0	69	0	75	0	0	0	0	0	193	0	255	91	200	0	253	101	190	0	215	161	190	0	215	161	0	0	0	0	0	0
900	55	0	62	0	86	0	86	0	0	0	0	0	228	0	326	181	228	0	337	184	215	0	260	176	215	0	260	176	0	0	0	0	0	0
1000	45	0	57	0	74	0	76	0	0	0	0	0	246	0	300	201	240	0	296	197	225	0	257	200	225	0	257	200	0	0	0	0	0	0
1100	40	0	52	0	71	0	81	0	0	0	0	0	241	0	277	184	237	0	274	184	236	0	251	205	236	0	251	205	0	0	0	0	0	0
1200	60	0	70	0	76	0	82	0	0	0	0	0	246	0	317	203	242	0	311	210	233	0	271	183	233	0	271	183	0	0	0	0	0	0
1300	43	0	58	0	72	0	80	0	0	0	0	0	253	0	323	215	249	0	301	204	241	0	281	215	241	0	281	215	0	0	0	0	0	0
1400	45	0	62	0	75	0	84	0	0	0	0	0	258	0	309	191	254	0	284	201	245	0	264	201	245	0	264	201	0	0	0	0	0	0
1500	44	0	61	0	63	0	71	0	0	0	0	0	261	0	292	204	257	0	290	211	238	0	269	203	238	0	269	203	0	0	0	0	0	0
1600	54	0	66	0	72	0	76	0	0	0	0	0	249	0	293	197	244	0	295	197	223	0	255	186	223	0	255	186	0	0	0	0	0	0
1700	71	0	75	0	124	0	119	0	0	0	0	0	233	0	268	171	234	0	305	185	216	0	248	163	216	0	248	163	0	0	0	0	0	0
1800	52	0	63	0	100	0	98	0	0	0	0	0	215	0	266	135	219	0	267	126	203	0	225	172	203	0	225	172	0	0	0	0	0	0
1900	23	0	36	0	74	0	76	0	0	0	0	0	191	0	265	90	195	0	263	100	187	0	213	162	187	0	213	162	0	0	0	0	0	0
2000	24	0	46	0	88	0	98	0	0	0	0	0	169	0	262	95	168	0	227	104	175	0	194	157	175	0	194	157	0	0	0	0	0	0
2100	34	0	50	0	116	0	123	0	0	0	0	0	171	0	260	106	167	0	256	92	178	0	208	159	178	0	208	159	0	0	0	0	0	0
2200	53	0	66	0	124	0	126	0	0	0	0	0	219	0	265	144	215	0	269	108	203	0	265	155	203	0	265	155	0	0	0	0	0	0
2300	47	0	58	0	107	0	104	0	0	0	0	0	221	0	260	159	221	0	263	173	209	0	231	185	209	0	231	185	0	0	0	0	0	0
2400	22	0	33	0	92	0	95	0	0	0	0	0	193	3	261	95	193	0	255	118	188	0	198	174	188	0	198	174	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	754	0	759	0	766	0	759	0	320	2	320	2	2	0	14	0	14	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
200	745	0	752	0	757	0	750	0	320	2	320	2	0	0	13	0	13	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
300	729	0	732	0	743	0	734	0	320	2	320	2	4	0	16	0	16	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
400	720	0	727	0	734	0	727	0	320	2	320	2	2	0	14	0	14	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
500	703	0	711	0	720	0	712	0	320	2	320	2	5	0	16	0	16	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
600	707	0	712	0	727	0	720	0	320	2	320	2	7	0	22	0	22	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
700	723	0	730	0	721	0	714	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
800	757	0	763	0	743	0	738	0	320	2	320	2	-25	0	-13	0	-13	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
900	783	0	788	0	768	0	761	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	232	6
1000	801	0	804	0	784	0	777	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	232	0
1100	781	0	784	0	790	0	781	0	320	2	320	2	-4	0	9	0	9	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1200	793	0	797	0	790	0	781	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1300	804	0	806	0	799	0	792	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1400	824	0	826	0	826	0	819	0	320	2	320	2	-5	0	2	0	2	2	0	2	312	0	0	2	0	2	0	2	0	2	0	2	0	2	232	6
1500	829	0	831	0	828	0	819	0	320	2	320	2	-11	0	0	0	0	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1600	847	0	849	0	824	0	815	0	320	2	320	2	-31	0	-22	0	-22	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1700	865	0	869	0	849	0	842	0	320	2	320	2	-27	0	-16	0	-16	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1800	865	0	869	0	849	0	844	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	232	6
1900	847	0	855	0	842	0	835	0	320	2	320	2	-18	0	-5	0	-5	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2000	808	0	813	0	824	0	817	0	320	2	320	2	4	0	18	0	18	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2100	790	0	795	0	810	0	802	0	320	2	320	2	9	0	22	0	22	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2200	777	0	784	0	788	0	781	0	320	2	320	2	2	0	11	0	11	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2300	763	0	770	0	775	0	768	0	320	2	320	2	0	0	13	0	13	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
2400	736	0	743	0	759	0	752	0	320	2	320	2	11	0	22	0	22	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0

ST[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 [illegible] VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
R[illegible]NG RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]EY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	[illegible] B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA[illegible]	WIND [illegible]R6	S
100	29	0	46	0	113	0	114	0	0	0	0	0	196	3	262	126	190	0	268	105	188	0	200	175	188	0	200	175	0	0	0	0	0	0
200	31	0	49	0	115	0	115	0	0	0	0	0	178	0	257	92	178	0	269	99	182	0	203	158	182	0	203	158	0	0	0	0	0	0
300	28	0	44	0	124	0	122	0	0	0	0	0	189	3	264	94	188	0	259	106	187	0	205	166	187	0	205	166	0	0	0	0	0	0
400	31	0	60	0	117	0	115	0	0	0	0	0	218	0	267	171	216	0	268	168	212	0	243	188	212	0	243	188	0	0	0	0	0	0
500	36	0	63	0	115	0	117	0	0	0	0	0	229	0	299	182	228	0	285	187	215	0	241	192	215	0	241	192	0	0	0	0	0	0
600	23	0	38	0	81	0	83	0	0	0	0	0	194	0	254	105	194	0	256	140	201	0	225	182	201	0	225	182	0	0	0	0	0	0
700	44	0	53	0	93	0	97	0	0	0	0	0	218	0	257	171	219	0	259	160	214	0	236	192	214	0	236	192	0	0	0	0	0	0
800	48	0	58	0	88	0	98	0	0	0	0	0	224	0	267	118	229	0	266	175	215	0	248	191	215	0	248	191	0	0	0	0	0	0
900	62	0	69	0	91	0	96	0	0	0	0	0	235	0	274	193	232	0	272	196	219	0	239	196	219	0	239	196	0	0	0	0	0	0
1000	49	0	61	0	79	0	81	0	0	0	0	0	242	0	291	197	241	0	301	195	222	0	256	189	222	0	256	189	0	0	0	0	0	0
1100	60	0	73	0	83	0	87	0	0	0	0	0	245	0	276	209	241	0	291	207	228	0	248	203	228	0	248	203	0	0	0	0	0	0
1200	37	0	49	0	50	0	58	0	0	0	0	0	248	0	310	185	245	0	301	192	227	0	261	113	227	0	261	113	0	0	0	0	0	0
1300	64	0	64	0	91	2	78	0	0	0	0	0	358	0	0	276	256	0	294	201	243	0	284	191	243	0	284	191	0	0	0	0	0	0
1400	31	0	47	0	47	0	59	0	0	0	0	0	283	0	339	238	282	0	357	236	255	0	325	185	263	0	350	213	0	0	0	0	0	0
1500	34	0	47	0	43	0	56	0	0	0	0	0	250	0	283	209	243	0	301	195	252	0	295	225	262	0	343	228	0	0	0	0	0	0
1600	21	0	34	0	34	0	40	0	0	0	0	0	236	0	289	184	235	0	284	184	205	0	244	150	213	0	255	164	0	0	0	0	0	0
1700	38	0	45	0	71	0	73	0	0	0	0	0	226	0	266	148	227	0	267	117	203	0	237	162	213	0	249	181	0	0	0	0	0	0
1800	53	0	67	0	107	0	106	0	0	0	0	0	217	0	262	131	213	0	261	111	192	0	212	169	202	0	220	179	0	0	0	0	0	0
1900	67	0	75	0	120	0	126	0	0	0	0	0	249	0	284	204	245	0	290	195	236	0	249	212	244	0	264	223	0	0	0	0	0	0
2000	65	0	70	0	131	0	128	0	0	0	0	0	230	0	286	181	226	0	266	177	213	0	236	188	222	0	238	192	0	0	0	0	0	0
2100	23	0	43	0	100	0	101	0	0	0	0	0	173	0	237	109	169	0	221	122	173	0	191	159	184	0	197	172	0	0	0	0	0	0
2200	28	0	40	0	75	0	83	0	0	0	0	0	225	0	267	127	222	0	269	137	197	0	269	159	206	0	261	163	0	0	0	0	0	0
2300	36	0	65	0	123	0	120	0	0	0	0	0	214	0	250	148	214	0	262	178	198	0	217	169	208	0	226	185	0	0	0	0	0	0
2400	41	0	50	0	102	0	100	0	0	0	0	0	210	0	267	149	207	0	244	156	193	0	211	173	203	0	217	181	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	725	0	730	0	745	0	738	0	320	2	320	2	7	0	20	0	20	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
200	709	0	714	0	730	0	723	0	320	2	320	2	11	0	23	0	23	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
300	702	0	707	0	725	0	718	0	320	2	320	2	13	0	25	0	25	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
400	709	0	716	0	734	0	727	0	320	2	320	2	11	0	25	0	25	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
500	716	0	723	0	727	0	721	0	320	2	320	2	2	0	13	0	13	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
600	709	0	714	0	720	0	712	0	320	2	320	2	0	0	11	0	11	2	0	2	314	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
700	714	0	720	0	723	0	716	0	320	2	320	2	-4	0	9	0	9	2	0	2	317	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
800	757	0	761	0	748	0	741	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	303	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
900	781	0	784	0	768	0	761	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	310	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1000	806	0	810	0	792	0	784	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	232	6
1100	815	0	819	0	804	0	795	0	320	2	320	2	-23	0	-13	0	-13	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1200	833	0	835	0	819	0	810	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	306	0	0	2	0	2	0	2	0	2	0	2	0	2	233	0
1300	842	2	842	0	829	2	822	0	320	2	320	2	-18	0	-11	2	-11	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	99	6
1400	849	0	851	0	817	0	810	0	320	2	320	2	-40	0	-31	0	-31	2	0	2	378	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1500	849	0	851	0	828	0	819	0	320	2	320	2	-29	0	-22	0	-22	2	0	2	381	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	883	0	889	0	864	0	855	0	320	2	320	2	-32	0	-20	0	-20	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	885	0	889	0	860	0	855	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	340	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	878	0	882	0	864	0	856	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	802	0	806	0	811	0	804	0	320	2	320	2	0	0	11	0	11	2	0	2	320	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	786	0	793	0	804	0	797	0	320	2	320	2	5	0	18	0	18	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	779	0	784	0	797	0	790	0	320	2	320	2	5	0	18	0	18	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	768	0	775	0	790	0	783	0	320	2	320	2	9	0	22	0	22	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	777	0	786	0	802	0	795	0	320	2	320	2	11	0	23	0	23	2	0	2	343	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	766	0	774	0	781	0	774	0	320	2	320	2	2	0	14	0	14	2	0	2	338	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - . AEP COOK METEOROLOGICAL DATA FOR MAY 30, 1982

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	58	0	65	0	115	0	114	0	0	0	0	0	226	0	261	182	225	0	265	174	205	0	226	178	215	0	237	199	0	0	0	0	0	0
200	58	0	67	0	118	0	118	0	0	0	0	0	219	0	269	164	221	0	263	166	202	0	234	180	211	0	236	190	0	0	0	0	0	0
300	66	0	75	0	128	0	127	0	0	0	0	0	225	0	277	184	225	0	298	180	206	0	233	180	215	0	240	196	0	0	0	0	0	0
400	73	0	76	0	127	0	124	0	0	0	0	0	231	0	261	185	230	0	269	168	211	0	234	191	220	0	240	195	0	0	0	0	0	0
500	65	0	67	0	114	0	115	0	0	0	0	0	228	0	267	176	226	0	257	173	207	0	226	183	217	0	234	190	0	0	0	0	0	0
600	21	0	35	0	75	0	80	0	0	0	0	0	202	0	257	142	205	0	262	145	200	0	226	177	210	0	234	186	0	0	0	0	0	0
700	56	0	63	0	102	0	103	0	0	0	0	0	230	0	269	175	229	0	268	179	213	0	226	192	224	0	244	206	0	0	0	0	0	0
800	62	0	69	0	100	0	99	0	0	0	0	0	239	0	276	205	234	0	269	173	215	0	237	192	223	0	243	203	0	0	0	0	0	0
900	58	0	70	0	96	0	94	0	0	0	0	0	242	0	281	204	239	0	279	192	220	0	254	181	230	0	257	213	0	0	0	0	0	0
1000	74	0	84	0	111	0	115	0	0	0	0	0	248	0	292	211	244	0	280	205	235	0	267	222	244	0	282	221	0	0	0	0	0	0
1100	62	0	83	0	90	0	109	0	0	0	0	0	266	0	306	226	262	0	303	229	244	0	279	199	253	0	272	216	0	0	0	0	0	0
1200	46	0	64	0	58	0	73	0	0	0	0	0	263	0	298	222	262	0	293	229	249	0	282	189	258	0	287	218	0	0	0	0	0	0
1300	24	0	43	0	38	0	56	0	0	0	0	0	305	0	354	243	300	0	359	245	275	0	304	243	283	0	349	255	0	0	0	0	0	0
1400	28	0	48	0	49	0	64	0	0	0	0	0	320	0	15	270	317	0	27	273	307	0	338	279	312	0	340	275	0	0	0	0	0	0
1500	44	0	60	0	60	0	73	0	0	0	0	0	347	0	42	270	344	0	34	292	334	0	4	304	342	0	25	319	0	0	0	0	0	0
1600	38	0	57	0	86	0	101	0	0	0	0	0	9	0	64	285	8	0	84	291	340	0	12	313	346	0	22	316	0	0	0	0	0	0
1700	46	0	56	0	102	0	106	0	0	0	0	0	193	0	267	102	197	0	261	98	186	0	236	124	196	0	244	136	0	0	0	0	0	0
1800	10	0	30	0	28	0	42	0	0	0	0	0	339	3	27	304	332	3	20	280	301	0	327	290	308	0	333	298	0	0	0	0	0	0
1900	18	0	38	0	52	0	67	0	0	0	0	0	149	0	199	92	153	0	189	105	140	0	146	125	153	0	160	141	0	0	0	0	0	0
2000	15	0	33	0	62	0	77	0	0	0	0	0	162	0	226	103	165	0	262	110	160	0	169	148	171	0	177	163	0	0	0	0	0	0
2100	16	0	35	0	65	0	83	0	0	0	0	0	173	0	234	114	172	0	245	122	155	0	167	146	166	0	175	158	0	0	0	0	0	0
2200	22	0	39	0	92	0	102	0	0	0	0	0	176	3	252	92	171	0	244	91	167	0	190	146	178	0	192	159	0	0	0	0	0	0
2300	37	0	49	0	96	0	96	0	0	0	0	0	209	0	259	140	211	0	254	151	191	0	204	170	200	0	217	185	0	0	0	0	0	0
2400	36	0	52	0	96	0	102	0	0	0	0	0	182	0	257	114	182	0	269	95	169	0	212	144	179	0	219	133	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	748	0	757	0	766	0	761	0	320	2	320	2	5	0	18	0	18	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	756	0	761	0	763	0	756	0	320	2	320	2	-5	0	7	0	7	2	0	2	336	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	752	0	759	0	759	0	754	0	320	2	320	2	-5	0	9	0	9	2	0	2	333	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	741	0	748	0	747	0	739	0	320	2	320	2	-7	0	5	0	5	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	732	0	739	0	739	0	732	0	320	2	320	2	-5	0	7	0	7	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	707	0	714	0	720	0	714	0	320	2	320	2	2	0	14	0	14	2	0	2	329	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	729	0	734	0	729	0	721	0	320	2	320	2	-13	0	0	0	0	2	0	2	331	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	750	0	756	0	741	0	734	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	351	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	761	0	765	0	750	0	741	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	361	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	754	0	757	0	765	0	757	0	320	2	320	2	2	0	13	0	13	2	0	2	387	0	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1100	752	0	756	0	763	0	756	0	320	2	320	2	2	0	11	0	11	2	0	2	369	0	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1200	768	0	772	0	765	0	757	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	334	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1300	810	0	811	0	788	0	775	0	320	2	320	2	-36	0	-22	0	-22	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	811	0	817	0	790	0	777	0	320	2	320	2	-40	0	-23	0	-23	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	788	0	797	0	797	0	786	0	320	2	320	2	-9	0	9	0	9	2	0	2	360	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	745	0	752	0	748	0	741	0	320	2	320	2	-9	0	4	0	4	2	0	2	327	0	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	662	0	667	0	667	0	664	0	320	2	320	2	-5	0	7	0	7	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	111	0
1800	666	0	671	0	669	0	666	0	320	2	320	2	-5	0	4	0	4	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
1900	669	0	676	0	676	0	671	0	320	2	320	2	-5	0	7	0	7	2	0	2	315	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2000	666	0	673	0	684	0	676	0	320	2	320	2	-5	0	16	0	16	2	0	2	322	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2100	666	0	673	0	680	0	675	0	320	2	320	2	2	0	14	0	14	2	0	2	468	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2200	662	0	667	0	678	0	671	0	320	2	320	2	4	0	14	0	14	2	0	2	475	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2300	662	0	667	0	667	0	662	0	320	2	320	2	-5	0	7	0	7	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	118	0
2400	662	0	667	0	666	0	660	0	320	2	320	2	-7	0	4	0	4	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0

S[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
,R[illegible]ING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	33	0	42	0	102	0	106	0	0	0	0	0	182	0	261	98	181	0	251	109	174	0	200	154	184	0	214	154	0	0	0	0	0	0
200	27	0	41	0	91	0	95	0	0	0	0	0	198	3	269	115	197	0	260	101	178	0	216	136	188	0	216	153	0	0	0	0	0	0
300	35	0	44	0	100	0	103	0	0	0	0	0	198	0	257	92	197	0	256	106	180	0	202	159	190	0	211	172	0	0	0	0	0	0
400	29	0	45	0	93	0	90	0	0	0	0	0	205	0	263	157	206	0	248	110	188	0	203	169	197	0	215	181	0	0	0	0	0	0
500	38	0	50	0	98	0	100	0	0	0	0	0	213	0	266	143	216	0	263	153	199	0	213	181	209	0	226	192	0	0	0	0	0	0
600	60	0	68	0	112	0	115	0	0	0	0	0	225	0	278	180	226	0	313	185	207	0	227	189	217	0	230	201	0	0	0	0	0	0
700	57	0	64	0	110	0	109	0	0	0	0	0	235	0	289	192	237	0	293	196	211	0	237	177	221	0	247	175	0	0	0	0	0	0
800	57	0	66	0	104	0	102	0	0	0	0	0	239	0	299	193	238	0	290	189	212	0	246	186	222	0	248	190	0	0	0	0	0	0
900	72	0	80	0	114	0	111	0	0	0	0	0	236	0	274	183	234	0	277	183	219	0	268	188	229	0	261	211	0	0	0	0	0	0
1000	70	0	74	0	113	0	109	0	0	0	0	0	242	0	278	192	239	0	310	192	219	0	248	192	228	0	249	196	0	0	0	0	0	0
1100	88	0	91	0	133	0	145	0	0	0	0	0	245	0	284	214	243	0	272	197	231	0	246	214	239	0	246	234	0	0	0	0	0	0
1200	54	0	66	0	81	0	91	0	0	0	0	0	252	0	289	203	252	0	308	211	241	0	278	188	247	0	283	204	0	0	0	0	0	0
1300	38	0	51	0	49	0	55	0	0	0	0	0	252	0	316	209	250	0	305	196	228	0	259	190	237	0	265	212	0	0	0	0	0	0
1400	29	0	45	0	37	0	44	0	0	0	0	0	263	0	333	198	261	0	313	195	229	0	288	188	237	0	283	195	0	0	0	0	0	0
1500	47	0	58	0	76	0	85	0	0	0	0	0	244	0	283	191	242	0	305	207	232	0	267	204	241	0	286	219	0	0	0	0	0	0
1600	57	0	67	0	88	0	90	0	0	0	0	0	225	0	265	131	225	0	269	122	204	0	235	179	214	0	249	196	0	0	0	0	0	0
1700	41	0	50	0	70	0	75	0	0	0	0	0	232	0	356	182	234	0	306	187	197	0	232	149	207	0	258	126	0	0	0	0	0	0
1800	37	0	48	0	98	0	98	0	0	0	0	0	212	0	264	110	212	0	269	117	186	0	216	155	198	0	227	157	0	0	0	0	0	0
1900	36	0	48	0	91	0	93	0	0	0	0	0	204	0	263	109	203	0	264	98	181	0	212	150	193	0	225	151	0	0	0	0	0	0
2000	29	0	45	0	85	0	88	0	0	0	0	0	214	3	267	97	215	0	264	144	187	0	238	155	198	0	243	163	0	0	0	0	0	0
2100	80	0	95	0	131	0	149	0	0	0	0	0	260	0	318	196	255	0	325	214	252	0	272	235	259	0	278	239	0	0	0	0	0	0
2200	73	0	83	0	137	0	142	0	0	0	0	0	248	0	301	210	247	0	298	203	231	0	257	193	240	0	267	205	0	0	0	0	0	0
2300	62	0	75	0	187	0	167	0	0	0	0	0	193	0	253	103	198	0	267	96	185	0	205	170	195	0	214	171	0	0	0	0	0	0
2400	111	0	107	0	205	0	196	0	0	0	0	0	232	0	266	171	230	0	265	192	215	0	236	182	224	0	249	208	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	658	0	664	0	662	0	658	0	320	2	320	2	-7	0	4	0	4	2	0	2	486	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
200	655	0	662	0	662	0	657	0	320	2	320	2	-5	0	5	0	5	2	0	2	484	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
300	646	0	653	0	653	0	648	0	320	2	320	2	-5	0	7	0	7	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
400	644	0	651	0	657	0	651	0	320	2	320	2	0	0	11	0	11	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
500	644	0	651	0	658	0	653	0	320	2	320	2	4	0	14	0	14	2	0	2	478	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
600	649	0	657	0	664	0	660	0	320	2	320	2	4	0	16	0	16	2	0	2	482	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
700	666	0	673	0	669	0	664	0	320	2	320	2	-9	0	4	0	4	2	0	2	496	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
800	685	0	691	0	680	0	675	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	509	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
900	702	0	707	0	694	0	687	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	522	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1000	723	0	727	0	714	0	707	0	320	2	320	2	-20	0	-11	0	-11	2	0	2	532	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1100	732	0	736	0	754	0	747	0	320	2	320	2	13	0	22	0	22	2	0	2	538	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1200	752	0	754	0	752	0	743	0	320	2	320	2	-11	0	0	0	0	2	0	2	547	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1300	784	0	786	0	777	0	768	0	320	2	320	2	-16	0	-7	0	-7	2	0	2	549	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1400	804	0	806	0	781	0	774	0	320	2	320	2	-31	0	-25	0	-25	2	0	2	558	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1500	811	0	813	0	806	0	799	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	567	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1600	815	0	819	0	792	0	786	0	320	2	320	2	-32	0	-23	0	-23	2	0	2	570	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1700	840	0	844	0	811	0	804	0	320	2	320	2	-38	0	-27	0	-27	2	0	2	586	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1800	824	0	828	0	804	0	797	0	320	2	320	2	-31	0	-20	0	-20	2	0	2	585	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
1900	804	0	808	0	792	0	786	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	572	0	0	2	0	2	0	2	0	2	0	2	0	2	119	0
2000	761	0	768	0	759	0	750	0	320	2	320	2	-9	0	4	0	4	2	0	2	541	0	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	660	0	667	0	667	0	664	0	320	2	320	2	-4	0	7	0	7	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	639	0	648	0	635	0	633	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	-11	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	624	0	631	0	676	0	667	0	320	2	320	2	38	0	50	0	50	2	0	2	-8	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	660	0	667	0	682	0	676	0	320	2	320	2	11	0	22	0	22	2	0	2	17	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	42	0	67	0	114	0	107	0	0	0	0	0	170	0	225	130	175	0	243	139	171	0	182	158	181	0	194	170	0	0	0	0	0	0
200	91	0	93	0	152	0	150	0	0	0	0	0	239	0	277	195	237	0	282	195	222	0	246	187	231	0	249	201	0	0	0	0	0	0
300	36	0	61	0	107	0	121	0	0	0	0	0	134	0	179	76	135	0	186	95	133	0	145	125	146	0	155	136	0	0	0	0	0	0
400	48	0	73	0	138	0	150	0	0	0	0	0	138	0	190	91	141	0	186	95	131	0	137	125	144	0	153	136	0	0	0	0	0	0
500	50	0	72	0	148	0	165	0	0	0	0	0	161	0	239	108	160	0	243	90	153	0	171	125	165	0	183	140	0	0	0	0	0	0
600	24	0	41	0	77	0	88	0	0	0	0	0	165	0	253	92	162	0	241	90	160	0	179	134	170	0	186	144	0	0	0	0	0	0
700	18	0	36	0	56	0	69	0	0	0	0	0	128	0	187	97	129	0	174	96	139	0	168	110	151	0	170	124	0	0	0	0	0	0
800	37	0	56	0	53	0	65	0	0	0	0	0	123	0	164	89	125	0	155	98	115	0	147	88	128	0	152	105	0	0	0	0	0	0
900	31	0	41	0	81	0	80	0	0	0	0	0	201	0	268	137	205	0	251	127	183	0	212	143	193	0	214	153	0	0	0	0	0	0
1000	42	0	49	0	65	0	70	0	0	0	0	0	234	0	294	187	235	0	291	195	209	0	236	170	219	0	258	180	0	0	0	0	0	0
1100	44	0	53	0	67	0	69	0	0	0	0	0	241	0	290	193	237	0	300	185	213	0	255	169	222	0	259	186	0	0	0	0	0	0
1200	68	0	77	0	119	0	116	0	0	0	0	0	238	0	284	201	235	0	268	165	212	0	268	180	221	0	261	181	0	0	0	0	0	0
1300	63	0	70	0	94	0	95	0	0	0	0	0	240	0	279	186	238	0	293	196	219	0	246	183	230	0	259	199	0	0	0	0	0	0
1400	66	0	80	0	105	0	119	0	0	0	0	0	253	0	298	204	251	0	308	218	236	0	261	214	245	0	263	215	0	0	0	0	0	0
1500	37	0	50	0	71	0	81	0	0	0	0	0	252	0	309	204	248	0	297	209	234	0	278	216	242	0	287	218	0	0	0	0	0	0
1600	48	0	54	0	78	0	82	0	0	0	0	0	245	0	291	199	243	0	290	180	233	0	274	190	241	0	291	212	0	0	0	0	0	0
1700	47	0	57	0	80	0	82	0	0	0	0	0	231	0	289	182	229	0	269	164	207	0	238	157	214	0	241	163	0	0	0	0	0	0
1800	42	0	49	0	82	0	83	0	0	0	0	0	233	0	283	180	231	0	293	195	204	0	236	178	214	0	246	185	0	0	0	0	0	0
1900	39	0	51	0	86	0	85	0	0	0	0	0	211	0	264	126	210	0	265	135	194	0	224	171	202	0	227	180	0	0	0	0	0	0
2000	22	0	35	0	82	0	85	0	0	0	0	0	191	3	267	92	188	0	255	112	176	0	200	148	187	0	210	169	0	0	0	0	0	0
2100	42	0	63	0	139	0	132	0	0	0	0	0	171	0	259	90	172	0	265	98	169	0	191	147	180	0	195	162	0	0	0	0	0	0
2200	49	0	58	0	122	0	120	0	0	0	0	0	208	0	266	126	205	0	265	133	186	0	204	159	197	0	220	173	0	0	0	0	0	0
2300	47	0	60	0	122	0	117	0	0	0	0	0	198	0	258	91	199	0	260	124	185	0	205	167	194	0	216	164	0	0	0	0	0	0
2400	65	0	75	0	127	0	121	0	0	0	0	0	221	0	261	114	222	0	259	141	197	0	216	170	206	0	231	179	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEM6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	626	0	633	0	709	0	703	0	320	2	320	2	70	0	81	0	81	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	112	0
200	630	0	637	0	635	0	630	0	320	2	320	2	-7	0	5	0	5	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	124	0
300	622	0	628	0	667	0	662	0	320	2	320	2	32	0	45	0	45	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	125	0
400	630	0	635	0	660	0	655	0	320	2	320	2	18	0	31	0	31	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	125	0
500	626	0	633	0	642	0	635	0	320	2	320	2	4	0	14	0	14	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	125	0
600	630	0	635	0	639	0	631	0	320	2	320	2	-4	0	7	0	7	2	0	2	11	2	0	2	0	2	0	2	0	2	0	2	0	2	125	0
700	628	0	633	0	644	0	637	0	320	2	320	2	4	0	14	0	14	2	0	2	13	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
800	653	0	660	0	649	0	644	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
900	678	0	685	0	673	0	667	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1000	693	0	698	0	680	0	675	0	320	2	320	2	-22	0	-13	0	-13	2	0	2	29	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1100	709	0	712	0	694	0	687	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1200	711	0	712	0	698	0	693	0	320	2	320	2	-20	0	-11	0	-11	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1300	750	0	754	0	732	0	725	0	320	2	320	2	-27	0	-18	0	-18	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1400	741	0	745	0	741	0	732	0	320	2	320	2	-11	0	2	0	2	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1500	768	0	770	0	763	0	756	0	320	2	320	2	-14	0	-5	0	-5	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1600	756	0	757	0	752	0	745	0	320	2	320	2	-11	0	-4	0	-4	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1700	772	0	774	0	750	0	743	0	320	2	320	2	-31	0	-22	0	-22	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1800	788	0	793	0	772	0	765	0	320	2	320	2	-27	0	-18	0	-18	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
1900	779	0	784	0	774	0	766	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2000	747	0	752	0	754	0	748	0	320	2	320	2	-4	0	9	0	9	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2100	727	0	732	0	741	0	734	0	320	2	320	2	2	0	14	0	14	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2200	716	0	723	0	730	0	723	0	320	2	320	2	2	0	13	0	13	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2300	712	0	720	0	725	0	720	0	320	2	320	2	0	0	13	0	13	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2400	716	0	723	0	727	0	720	0	320	2	320	2	2	0	11	0	11	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0

S[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
R[illegible]ING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	WIND DIR6	S
100	77	0	83	0	141	0	139	0	0	0	0	0	222	0	266	156	220	0	251	165	199	0	226	171	209	0	236	191	0	0	0	0	0	0
200	57	0	63	0	125	0	122	0	0	0	0	0	213	0	261	151	215	0	264	151	196	0	213	169	206	0	226	182	0	0	0	0	0	0
300	28	0	38	0	104	0	100	0	0	0	0	0	199	3	264	91	201	0	264	106	184	0	204	170	194	0	218	180	0	0	0	0	0	0
400	29	0	44	0	113	0	109	0	0	0	0	0	193	3	257	109	197	0	263	122	184	0	202	159	194	0	206	182	0	0	0	0	0	0
500	37	0	51	0	112	0	109	0	0	0	0	0	204	0	267	114	202	0	266	98	191	0	227	171	200	0	220	181	0	0	0	0	0	0
600	40	0	53	0	107	0	105	0	0	0	0	0	212	0	266	158	209	0	254	163	194	0	222	178	204	0	234	186	0	0	0	0	0	0
700	125	0	117	0	189	0	188	0	0	0	0	0	247	0	288	183	241	0	282	183	227	0	257	202	233	0	248	195	0	0	0	0	0	0
800	71	0	79	0	126	0	129	0	0	0	0	0	240	0	304	208	237	0	269	198	226	0	245	198	233	0	262	203	0	0	0	0	0	0
900	23	0	35	0	54	0	61	0	0	0	0	0	210	0	259	118	206	0	268	99	188	0	214	127	199	0	224	163	0	0	0	0	0	0
1000	75	0	79	0	105	0	105	0	0	0	0	0	245	0	282	202	240	0	279	211	224	0	234	191	232	0	256	200	0	0	0	0	0	0
1100	49	0	55	0	81	0	92	0	0	0	0	0	244	0	289	204	242	0	271	206	236	0	271	204	243	0	270	205	0	0	0	0	0	0
1200	42	0	62	0	69	0	89	0	0	0	0	0	270	0	308	236	264	0	293	231	249	0	289	225	257	0	290	207	0	0	0	0	0	0
1300	37	0	56	0	72	0	93	0	0	0	0	0	257	0	284	221	254	0	290	226	248	0	257	224	256	0	266	238	0	0	0	0	0	0
1400	25	0	44	0	53	0	70	0	0	0	0	0	253	0	279	210	251	0	297	201	249	0	315	233	257	0	308	204	0	0	0	0	0	0
1500	35	0	50	0	60	0	70	0	0	0	0	0	0	0	91	288	353	0	68	302	344	0	32	304	351	0	48	320	0	0	0	0	0	0
1600	36	0	60	0	64	0	87	0	0	0	0	0	60	0	98	26	55	0	96	12	34	0	67	1	48	0	73	17	0	0	0	0	0	0
1700	84	0	104	0	141	0	143	0	0	0	0	0	28	0	67	356	26	0	69	352	359	0	21	327	9	0	31	327	0	0	0	0	0	0
1800	62	0	82	0	93	0	102	0	0	0	0	0	119	0	148	87	123	0	153	75	90	0	115	60	103	0	148	59	0	0	0	0	0	0
1900	15	0	35	0	49	0	63	0	0	0	0	0	161	0	211	100	164	0	229	100	133	0	159	115	145	0	166	125	0	0	0	0	0	0
2000	36	0	45	0	60	0	75	0	0	0	0	0	341	0	41	272	333	0	75	270	330	0	1	305	337	0	24	314	0	0	0	0	0	0
2100	25	0	25	0	16	0	31	0	0	0	0	0	12	0	85	312	10	3	94	317	322	0	1	282	328	0	14	297	0	0	0	0	0	0
2200	18	0	18	0	10	0	24	0	0	0	0	0	347	0	45	296	348	3	62	310	296	0	329	268	304	0	343	284	0	0	0	0	0	0
2300	25	0	25	0	27	0	43	0	0	0	0	0	307	3	359	244	306	3	356	236	291	0	325	260	297	0	346	265	0	0	0	0	0	0
2400	17	0	31	0	27	0	40	0	0	0	0	0	263	0	312	220	260	0	337	204	259	0	313	224	270	0	311	224	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	676	0	682	0	694	0	687	0	320	2	320	2	5	0	16	0	16	2	0	2	33	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
500	682	0	687	0	702	0	694	0	320	2	320	2	7	0	20	0	20	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
600	696	0	703	0	711	0	705	0	320	2	320	2	2	0	14	0	14	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
700	707	0	712	0	707	0	702	0	320	2	320	2	-11	0	0	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
800	666	0	673	0	666	0	662	0	320	2	320	2	-11	0	0	0	0	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
900	705	0	711	0	698	0	691	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1000	734	0	736	0	745	0	738	0	320	2	320	2	4	0	11	0	11	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1100	723	0	727	0	729	0	721	0	320	2	320	2	-4	0	5	0	5	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1200	748	0	752	0	750	0	741	0	320	2	320	2	-9	0	2	0	2	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	128	6
1300	745	0	748	0	748	0	741	0	320	2	320	2	-5	0	4	0	4	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	712	0	718	0	729	0	721	0	320	2	320	2	5	0	16	0	16	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1500	720	0	725	0	727	0	718	0	320	2	320	2	-7	0	7	0	7	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	671	0	678	0	669	0	666	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1700	637	0	642	0	635	0	628	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	-13	2	0	2	0	2	0	2	0	2	0	2	0	2	149	0
1800	639	0	646	0	644	0	639	0	320	2	320	2	-5	0	5	0	5	2	0	2	-4	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	649	0	657	0	662	0	658	0	320	2	320	2	2	0	13	0	13	2	0	2	4	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	644	0	651	0	649	0	644	0	320	2	320	2	-7	0	5	0	5	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	626	0	631	0	631	0	626	0	320	2	320	2	-5	0	5	0	5	2	0	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	637	0	642	0	644	0	639	0	320	2	320	2	-5	0	7	0	7	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	644	0	649	0	646	0	640	0	320	2	320	2	-9	0	2	0	2	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	642	0	649	0	649	0	644	0	320	2	320	2	-5	0	5	0	5	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - [illegible] METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	41	0	58	0	68	0	78	0	0	0	0	0	257	0	288	226	253	0	288	226	239	0	250	227	246	0	255	231	0	0	0	0	0	0
200	52	0	72	0	87	0	105	0	0	0	0	0	266	0	297	231	261	0	292	225	246	0	260	223	253	0	264	231	0	0	0	0	0	0
300	67	0	84	0	93	0	110	0	0	0	0	0	270	0	318	224	265	0	349	229	257	0	279	225	265	0	294	233	0	0	0	0	0	0
400	70	0	89	0	102	0	123	0	0	0	0	0	263	0	310	212	259	0	292	213	250	0	268	234	257	0	273	241	0	0	0	0	0	0
500	82	0	103	0	129	0	148	0	0	0	0	0	291	0	357	249	286	0	331	236	276	0	305	233	283	0	314	234	0	0	0	0	0	0
600	52	0	71	0	91	0	104	0	0	0	0	0	353	0	47	305	347	0	38	289	331	0	21	293	340	0	21	313	0	0	0	0	0	0
700	33	0	48	0	63	0	76	0	0	0	0	0	24	0	167	321	20	0	96	314	349	0	34	310	358	0	57	312	0	0	0	0	0	0
800	30	0	46	0	49	0	62	0	0	0	0	0	358	3	72	281	353	0	49	278	343	0	23	291	353	0	45	313	0	0	0	0	0	0
900	22	0	22	0	101	2	21	0	0	0	0	0	295	0	339	225	297	3	352	229	312	0	102	270	317	3	96	276	0	0	0	0	0	0
1000	72	0	90	0	99	0	120	0	0	0	0	0	293	0	339	248	290	0	338	250	280	0	291	267	287	0	297	277	0	0	0	0	0	0
1100	57	0	67	0	65	0	80	0	0	0	0	0	264	0	325	201	261	0	344	220	254	0	304	203	260	0	300	183	0	0	0	0	0	0
1200	79	0	95	0	90	0	108	0	0	0	0	0	260	0	294	220	258	0	302	221	250	0	271	226	258	0	292	240	0	0	0	0	0	0
1300	59	0	69	0	77	0	85	0	0	0	0	0	246	0	280	201	241	0	290	195	232	0	269	186	241	0	273	205	0	0	0	0	0	0
1400	72	0	77	0	81	0	84	0	0	0	0	0	248	0	284	221	245	0	284	225	233	0	246	221	241	0	252	209	0	0	0	0	0	0
1500	58	0	62	0	60	0	66	0	0	0	0	0	231	0	269	190	227	0	257	195	223	0	259	168	232	0	274	196	0	0	0	0	0	0
1600	42	0	53	0	55	0	61	0	0	0	0	0	250	0	321	191	246	0	293	185	218	0	256	170	226	0	258	180	0	0	0	0	0	0
1700	66	0	71	0	79	0	93	0	0	0	0	0	249	0	274	221	246	0	270	215	226	0	245	182	233	0	247	190	0	0	0	0	0	0
1800	66	0	74	0	104	0	103	0	0	0	0	0	248	0	295	219	243	0	278	210	235	0	245	226	243	0	253	235	0	0	0	0	0	0
1900	67	0	88	0	105	0	127	0	0	0	0	0	265	0	291	226	259	0	291	208	251	0	260	223	257	0	270	184	0	0	0	0	0	0
2000	88	0	106	0	139	0	162	0	0	0	0	0	292	0	341	248	287	0	351	235	278	0	293	245	286	0	311	261	0	0	0	0	0	0
2100	70	0	93	0	127	0	142	0	0	0	0	0	335	0	38	279	333	0	44	296	322	0	340	302	329	0	7	300	0	0	0	0	0	0
2200	59	0	76	0	110	0	120	0	0	0	0	0	348	0	150	288	344	0	38	290	334	0	10	313	343	0	23	305	0	0	0	0	0	0
2300	126	0	144	0	185	0	193	0	0	0	0	0	35	0	73	1	33	0	75	359	9	0	46	347	20	0	58	359	0	0	0	0	0	0
2400	105	0	132	0	154	0	168	0	0	0	0	0	45	0	90	2	40	0	87	355	19	0	45	0	30	0	64	3	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	644	0	649	0	646	0	640	0	320	2	320	2	-9	0	2	0	2	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	640	0	648	0	640	0	635	0	320	2	320	2	-13	0	0	0	0	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	633	0	640	0	633	0	628	0	320	2	320	2	-11	0	0	0	0	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	630	0	637	0	631	0	626	0	320	2	320	2	-11	0	0	0	0	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
500	633	0	640	0	635	0	630	0	320	2	320	2	-11	0	2	0	2	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
600	613	0	617	0	613	0	610	0	320	2	320	2	-9	0	2	0	2	2	0	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
700	619	0	624	0	619	0	612	0	320	2	320	2	-13	0	0	0	0	2	0	2	13	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
800	630	0	637	0	635	0	626	0	320	2	320	2	-11	0	4	0	4	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	687	0	693	0	682	0	669	0	320	2	320	2	-22	0	-4	0	-4	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	639	0	644	0	626	0	617	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	664	0	667	0	653	0	646	0	320	2	320	2	-22	0	-13	0	-13	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	666	0	669	0	662	0	655	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	696	0	700	0	687	0	680	0	320	2	320	2	-18	0	-9	0	-9	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	714	0	716	0	720	0	714	0	320	2	320	2	2	0	5	0	5	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1500	736	0	738	0	714	0	709	0	320	2	320	2	-29	0	-20	0	-20	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1600	741	0	745	0	716	0	711	0	320	2	320	2	-32	0	-22	0	-22	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	734	0	738	0	730	0	725	0	320	2	320	2	-13	0	2	0	2	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	721	0	727	0	727	0	721	0	320	2	320	2	-5	0	7	0	7	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	700	0	703	0	711	0	703	0	320	2	320	2	0	0	13	0	13	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	673	0	680	0	676	0	669	0	320	2	320	2	-9	0	5	0	5	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	642	0	649	0	640	0	635	0	320	2	320	2	-14	0	0	0	0	2	0	2	18	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	630	0	635	0	626	0	622	0	320	2	320	2	-13	0	2	0	2	2	0	2	15	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	606	0	612	0	601	0	597	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	592	0	597	0	588	0	585	0	320	2	320	2	-14	0	-2	0	-2	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

S[illegible]S CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

R[illegible]ING RESOLUTION TEMPERATURE 1 DEGREES, SPEED IMPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	39	0	81	0	99	0	117	0	0	0	0	0	53	0	105	24	49	0	96	7	25	0	66	358	39	0	76	6	0	0	0	0	0	0
200	34	0	58	0	68	0	91	0	0	0	0	0	64	0	115	34	62	0	108	23	37	0	56	13	51	0	70	24	0	0	0	0	0	0
300	26	0	52	0	70	0	94	0	0	0	0	0	65	3	93	37	63	0	96	31	37	0	48	24	52	0	63	43	0	0	0	0	0	0
400	19	0	40	0	49	0	70	0	0	0	0	0	78	3	101	42	78	0	103	47	43	0	55	34	57	0	69	47	0	0	0	0	0	0
500	16	0	26	0	38	0	58	0	0	0	0	0	79	3	99	54	80	0	102	47	44	0	56	14	58	0	71	40	0	0	0	0	0	0
600	11	0	37	0	40	0	61	0	0	0	0	0	60	3	88	43	58	0	69	47	33	0	44	24	47	0	54	35	0	0	0	0	0	0
700	15	0	31	0	36	0	49	0	0	0	0	0	41	3	113	316	38	0	112	314	4	0	66	302	11	0	58	302	0	0	0	0	0	0
800	42	0	64	0	73	0	84	0	0	0	0	0	346	0	53	283	342	0	93	270	331	0	2	291	341	0	37	290	0	0	0	0	0	0
900	39	0	55	0	63	0	76	0	0	0	0	0	341	0	107	274	340	0	92	271	332	0	2	280	338	0	18	282	0	0	0	0	0	0
1000	62	0	77	0	83	0	100	0	0	0	0	0	349	0	72	284	342	0	62	278	330	0	12	270	340	0	38	295	0	0	0	0	0	0
1100	52	0	68	0	81	0	97	0	0	0	0	0	333	0	62	275	328	0	94	276	320	0	359	280	328	0	4	285	0	0	0	0	0	0
1200	69	0	85	0	98	0	113	0	0	0	0	0	330	0	30	270	328	0	13	270	317	0	352	280	324	0	355	291	0	0	0	0	0	0
1300	61	0	81	0	83	0	95	0	0	0	0	0	321	0	157	275	315	0	12	271	308	0	341	273	316	0	10	279	0	0	0	0	0	0
1400	61	0	76	0	89	0	106	0	0	0	0	0	329	0	41	280	323	0	58	273	312	0	359	261	318	0	351	282	0	0	0	0	0	0
1500	41	0	58	0	64	0	78	0	0	0	0	0	327	0	33	273	326	0	22	273	314	0	351	262	322	0	13	285	0	0	0	0	0	0
1600	31	0	45	0	48	0	59	0	0	0	0	0	5	0	154	271	13	0	140	291	341	0	111	272	345	0	48	279	0	0	0	0	0	0
1700	37	0	53	0	54	0	64	0	0	0	0	0	29	0	109	326	21	0	91	311	3	0	42	329	11	0	46	340	0	0	0	0	0	0
1800	27	0	41	0	32	0	45	0	0	0	0	0	23	3	88	323	18	0	126	321	5	0	59	292	14	0	70	305	0	0	0	0	0	0
1900	14	0	14	0	64	2	12	0	0	0	0	0	24	0	178	329	16	3	153	278	348	0	115	271	353	3	75	289	0	0	0	0	0	0
2000	8	0	24	0	14	0	22	0	0	0	0	0	214	5	223	203	210	0	221	204	173	5	182	159	182	0	193	173	0	0	0	0	0	0
2100	30	0	41	0	27	0	31	0	0	0	0	0	216	0	223	189	212	0	223	199	194	0	203	190	202	0	209	197	0	0	0	0	0	0
2200	36	0	48	0	67	0	64	0	0	0	0	0	201	0	238	150	204	0	249	146	191	0	194	182	198	0	203	194	0	0	0	0	0	0
2300	36	0	50	0	68	0	85	0	0	0	0	0	197	0	232	133	196	0	237	156	209	0	217	203	217	0	223	209	0	0	0	0	0	0
2400	44	0	54	0	88	0	96	0	0	0	0	0	210	0	254	163	208	0	244	175	213	0	217	201	221	0	226	213	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	579	0	585	0	581	0	577	0	320	2	320	2	-7	0	2	0	2	2	0	2	4	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	568	0	574	0	579	0	576	0	320	2	320	2	2	0	13	0	13	2	0	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	538	0	545	0	567	0	563	0	320	2	320	2	18	0	29	0	29	2	0	2	-2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	522	0	529	0	561	0	558	0	320	2	320	2	29	0	40	0	40	2	0	2	-6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
500	523	0	531	0	556	0	554	0	320	2	320	2	22	0	32	0	32	2	0	2	-6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
600	522	0	529	0	554	0	550	0	320	2	320	2	22	0	31	0	31	2	0	2	-2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
700	561	0	568	0	565	0	559	0	320	2	320	2	-9	0	4	0	4	2	0	2	13	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
800	577	0	583	0	576	0	568	0	320	2	320	2	-16	0	-2	0	-2	2	0	2	17	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	588	0	595	0	583	0	574	0	320	2	320	2	-20	0	-5	0	-5	2	0	2	17	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	592	0	597	0	590	0	581	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	15	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	603	0	610	0	592	0	581	0	320	2	320	2	-27	0	-11	0	-11	2	0	2	18	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	599	0	606	0	585	0	577	0	320	2	320	2	-29	0	-14	0	-14	2	0	2	17	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	612	0	617	0	588	0	579	0	320	2	320	2	-38	0	-25	0	-25	2	0	2	13	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	613	0	619	0	588	0	581	0	320	2	320	2	-40	0	-25	0	-25	2	0	2	11	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1500	621	0	628	0	601	0	592	0	320	2	320	2	-36	0	-22	0	-22	2	0	2	17	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1600	624	0	633	0	608	0	599	0	320	2	320	2	-34	0	-16	0	-16	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	621	0	630	0	624	0	615	0	320	2	320	2	-14	0	4	0	4	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	642	0	651	0	640	0	631	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	646	0	653	0	646	0	639	0	320	2	320	2	-14	0	0	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	601	0	608	0	612	0	608	0	320	2	320	2	0	0	11	0	11	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	586	0	594	0	608	0	604	0	320	2	320	2	9	0	20	0	20	2	0	2	8	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
2200	572	0	577	0	615	0	610	0	320	2	320	2	31	0	43	0	43	2	0	2	4	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
2300	572	0	579	0	619	0	613	0	320	2	320	2	34	0	47	0	47	2	0	2	4	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
2400	568	0	576	0	622	0	617	0	320	2	320	2	40	0	52	0	52	2	0	2	4	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION, TEMPERATURE 1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	43	0	57	0	121	0	129	0	0	0	0	0	204	0	257	158	201	0	247	154	208	0	216	201	217	0	224	206	0	0	0	0	0	0
200	57	0	66	0	117	0	126	0	0	0	0	0	210	0	254	178	210	0	254	179	210	0	216	202	218	0	226	209	0	0	0	0	0	0
300	40	0	55	0	117	0	123	0	0	0	0	0	203	0	238	161	201	0	251	142	205	0	214	194	215	0	223	202	0	0	0	0	0	0
400	55	0	63	0	119	0	124	0	0	0	0	0	212	0	251	168	211	0	247	168	212	0	224	203	220	0	230	207	0	0	0	0	0	0
500	52	0	59	0	98	0	96	0	0	0	0	0	212	0	236	179	209	0	240	180	217	0	230	202	226	0	234	216	0	0	0	0	0	0
600	59	0	63	0	111	0	111	0	0	0	0	0	239	0	264	204	236	0	262	197	226	0	235	215	234	0	243	216	0	0	0	0	0	0
700	71	0	73	0	114	0	120	0	0	0	0	0	243	0	274	200	241	0	271	204	229	0	238	216	238	0	250	214	0	0	0	0	0	0
800	101	0	103	0	134	0	138	0	0	0	0	0	245	0	274	202	244	0	282	206	226	0	236	202	235	0	249	212	0	0	0	0	0	0
900	100	0	102	0	137	0	135	0	0	0	0	0	244	0	286	183	245	0	279	213	223	0	243	202	231	0	249	210	0	0	0	0	0	0
1000	121	0	117	0	160	0	162	0	0	0	0	0	246	0	278	193	245	0	297	204	225	0	242	193	234	0	249	207	0	0	0	0	0	0
1100	130	0	123	0	169	0	175	0	0	0	0	0	249	0	287	223	246	0	270	204	226	0	239	207	235	0	246	209	0	0	0	0	0	0
1200	92	0	76	0	130	0	141	0	0	0	0	0	247	0	289	204	243	0	289	214	234	0	249	226	241	0	249	223	0	0	0	0	0	0
1300	83	0	82	0	113	0	112	0	0	0	0	0	248	0	316	199	245	0	295	203	238	0	268	214	245	0	265	205	0	0	0	0	0	0
1400	53	0	65	0	71	0	89	0	0	0	0	0	294	0	341	231	292	0	332	240	287	0	305	260	295	0	329	259	0	0	0	0	0	0
1500	57	0	70	0	66	0	78	0	0	0	0	0	40	0	100	2	39	0	128	1	19	0	68	340	33	0	75	355	0	0	0	0	0	0
1600	25	0	40	0	27	0	43	0	0	0	0	0	50	3	141	1	47	0	166	0	26	3	101	326	36	0	82	326	0	0	0	0	0	0
1700	41	0	59	0	52	0	64	0	0	0	0	0	32	0	93	335	27	0	98	320	8	0	45	347	18	0	52	339	0	0	0	0	0	0
1800	53	0	71	0	67	0	77	0	0	0	0	0	33	0	93	10	30	0	58	356	7	0	15	348	17	0	27	341	0	0	0	0	0	0
1900	27	0	48	0	48	0	71	0	0	0	0	0	60	3	95	28	57	0	90	25	41	0	56	25	54	0	75	34	0	0	0	0	0	0
2000	37	0	55	0	74	0	83	0	0	0	0	0	85	0	106	65	85	0	117	58	58	0	68	47	70	0	77	19	0	0	0	0	0	0
2100	43	0	59	0	87	0	96	0	0	0	0	0	78	0	100	66	78	0	103	63	55	0	59	47	67	0	72	44	0	0	0	0	0	0
2200	47	0	64	0	86	0	95	0	0	0	0	0	76	0	103	59	76	0	97	69	59	0	60	58	72	0	74	70	0	0	0	0	0	0
2300	54	0	72	0	105	0	114	0	0	0	0	0	103	0	128	83	101	0	119	88	69	0	72	67	77	0	84	11	0	0	0	0	0	0
2400	58	0	80	0	98	0	107	0	0	0	0	0	131	0	143	116	131	0	142	117	97	0	102	92	110	0	112	108	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	556	0	561	0	624	0	619	0	320	2	320	2	58	0	68	0	68	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
200	550	0	558	0	613	0	608	0	320	2	320	2	52	0	63	0	63	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	155	6
300	549	0	556	0	606	0	601	0	320	2	320	2	47	0	58	0	58	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	543	0	550	0	599	0	594	0	320	2	320	2	45	0	56	0	56	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
500	534	0	541	0	583	0	579	0	320	2	320	2	36	0	47	0	47	2	0	2	-2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	6
600	567	0	574	0	592	0	588	0	320	2	320	2	13	0	23	0	23	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
700	599	0	606	0	610	0	604	0	320	2	320	2	-4	0	9	0	9	2	0	2	18	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
800	635	0	640	0	635	0	628	0	320	2	320	2	-13	0	0	0	0	2	0	2	29	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	655	0	660	0	648	0	642	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	675	0	678	0	671	0	664	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	33	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	691	0	694	0	691	0	684	0	320	2	320	2	-11	0	0	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	700	0	703	0	702	0	694	0	320	2	320	2	-9	0	2	0	2	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	725	0	727	0	725	0	718	0	320	2	320	2	-9	0	0	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	734	0	738	0	716	0	705	0	320	2	320	2	-31	0	-20	0	-20	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1500	716	0	725	0	711	0	700	0	320	2	320	2	-25	0	-5	0	-5	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1600	757	0	766	0	747	0	734	0	320	2	320	2	-32	0	-11	0	-11	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6
1700	766	0	775	0	766	0	756	0	320	2	320	2	-22	0	0	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	734	0	743	0	741	0	732	0	320	2	320	2	-9	0	7	0	7	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	725	0	732	0	720	0	711	0	320	2	320	2	-22	0	-7	0	-7	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	691	0	696	0	707	0	702	0	320	2	320	2	5	0	16	0	16	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	657	0	664	0	705	0	700	0	320	2	320	2	34	0	47	0	47	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	646	0	653	0	709	0	703	0	320	2	320	2	50	0	63	0	63	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	640	0	648	0	693	0	687	0	320	2	320	2	41	0	52	0	52	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	646	0	651	0	687	0	682	0	320	2	320	2	31	0	41	0	41	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

S [redacted] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 [redacted] VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
'R [redacted] ING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED 1MPH, [redacted] CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [redacted] LEY

DIGITAL GRAPHICS INCORPORATED — REF COOK

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	WIND DIR6	S
100	97	0	84	0	93	0	103	0	0	0	0	0	133	0	150	116	135	0	158	129	104	0	108	102	117	0	155	115	0	0	0	0	0
200	43	0	63	0	115	0	129	0	0	0	0	0	150	0	220	102	150	0	192	102	136	0	139	134	150	0	153	148	0	0	0	0	0
300	43	0	60	0	121	0	137	0	0	0	0	0	177	0	240	103	176	0	225	97	157	0	160	149	168	0	175	163	0	0	0	0	0
400	53	0	64	0	128	0	128	0	0	0	0	0	204	0	257	154	203	0	258	155	204	0	217	190	212	0	231	199	0	0	0	0	0
500	27	0	42	0	87	0	88	0	0	0	0	0	208	0	262	166	207	0	259	158	220	0	236	204	229	0	243	204	0	0	0	0	0
600	27	0	39	0	44	0	55	0	0	0	0	0	233	0	258	213	231	0	264	214	234	0	250	223	242	0	260	227	0	0	0	0	0
700	34	0	46	0	76	0	85	0	0	0	0	0	249	0	296	190	247	0	297	184	237	0	258	216	244	0	264	210	0	0	0	0	0
800	27	0	38	0	39	0	53	0	0	0	0	0	245	0	271	214	241	0	286	210	243	0	259	228	251	0	266	239	0	0	0	0	0
900	12	0	26	0	16	0	28	0	0	0	0	0	304	0	352	225	298	3	344	234	317	3	25	270	325	3	47	272	0	0	0	0	0
1000	23	0	37	0	19	0	28	0	0	0	0	0	271	0	353	214	265	0	359	209	244	0	294	192	251	0	356	204	0	0	0	0	0
1100	15	0	32	0	14	0	22	0	0	0	0	0	250	0	305	183	245	0	294	190	216	0	268	153	237	0	345	183	0	0	0	0	0
1200	30	0	44	0	34	0	46	0	0	0	0	0	255	0	291	201	255	0	314	212	242	0	273	198	248	0	275	196	0	0	0	0	0
1300	31	0	44	0	37	0	52	0	0	0	0	0	258	0	319	206	255	0	300	204	252	0	284	211	258	0	294	186	0	0	0	0	0
1400	36	0	51	0	41	0	50	0	0	0	0	0	265	0	310	205	261	0	332	211	227	0	270	188	235	0	272	194	0	0	0	0	0
1500	59	0	68	0	84	0	90	0	0	0	0	0	253	0	295	225	244	0	276	211	235	0	260	209	244	0	267	222	0	0	0	0	0
1600	63	0	69	0	85	0	94	0	0	0	0	0	249	0	290	210	244	0	277	208	231	0	250	198	241	0	257	216	0	0	0	0	0
1700	102	0	103	0	171	0	179	0	0	0	0	0	246	0	283	193	241	0	275	206	232	0	251	220	239	0	257	227	0	0	0	0	0
1800	77	0	82	0	141	0	140	0	0	0	0	0	233	0	272	189	235	0	278	188	217	0	244	187	225	0	243	190	0	0	0	0	0
1900	66	0	73	0	118	0	119	0	0	0	0	0	221	0	273	180	221	0	280	186	198	0	214	178	209	0	226	193	0	0	0	0	0
2000	62	0	68	0	117	0	117	0	0	0	0	0	228	0	325	188	224	0	283	181	202	0	224	180	211	0	229	190	0	0	0	0	0
2100	75	0	77	0	132	0	133	0	0	0	0	0	228	0	258	181	227	0	260	173	209	0	226	191	218	0	238	188	0	0	0	0	0
2200	86	0	89	0	142	0	141	0	0	0	0	0	235	0	276	184	230	0	265	184	208	0	237	179	218	0	247	185	0	0	0	0	0
2300	77	0	79	0	145	0	143	0	0	0	0	0	225	0	264	173	223	0	263	173	205	0	227	170	214	0	235	190	0	0	0	0	0
2400	86	0	88	0	148	0	148	0	0	0	0	0	227	0	276	182	226	0	263	184	208	0	228	182	215	0	236	193	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	637	0	644	0	698	0	694	0	320	2	320	2	50	0	59	0	59	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	624	0	630	0	700	0	694	0	320	2	320	2	63	0	76	0	76	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	633	0	640	0	702	0	694	0	320	2	320	2	54	0	65	0	65	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	633	0	640	0	702	0	696	0	320	2	320	2	56	0	67	0	67	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
500	631	0	639	0	684	0	678	0	320	2	320	2	40	0	50	0	50	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
600	635	0	642	0	657	0	651	0	320	2	320	2	7	0	20	0	20	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
700	649	0	657	0	666	0	660	0	320	2	320	2	4	0	18	0	18	2	0	2	29	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
800	671	0	676	0	675	0	667	0	320	2	320	2	-9	0	4	0	4	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	711	0	716	0	718	0	707	0	320	2	320	2	-9	0	7	0	7	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	725	0	730	0	727	0	718	0	320	2	320	2	-11	0	2	0	2	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	750	0	756	0	784	0	774	0	320	2	320	2	18	0	34	0	34	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	775	0	779	0	768	0	761	0	320	2	320	2	-16	0	-5	0	-5	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	793	0	793	0	779	0	770	0	320	2	320	2	-23	0	-14	0	-14	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	797	0	799	0	784	0	775	0	320	2	320	2	-22	0	-13	0	-13	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1500	795	0	797	0	790	0	781	0	320	2	320	2	-14	0	-7	0	-7	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1600	790	0	792	0	786	0	779	0	320	2	320	2	-13	0	-4	0	-4	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	772	0	774	0	788	0	781	0	320	2	320	2	5	0	16	0	16	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	774	0	779	0	774	0	768	0	320	2	320	2	-11	0	2	0	2	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	784	0	792	0	790	0	783	0	320	2	320	2	-7	0	4	0	4	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	763	0	770	0	777	0	770	0	320	2	320	2	0	0	13	0	13	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6
2100	747	0	754	0	761	0	756	0	320	2	320	2	2	0	16	0	16	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	747	0	754	0	757	0	750	0	320	2	320	2	-4	0	9	0	9	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	730	0	738	0	743	0	736	0	320	2	320	2	2	0	11	0	11	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	718	0	725	0	730	0	723	0	320	2	320	2	2	0	13	0	13	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	88	0	92	0	164	0	158	0	0	0	0	0	232	0	306	191	231	0	275	191	207	0	229	178	217	0	238	185	0	0	0	0	0	0
200	86	0	86	0	155	0	156	0	0	0	0	0	233	0	272	183	230	0	272	194	209	0	236	182	219	0	245	200	0	0	0	0	0	0
300	110	0	107	0	175	0	167	0	0	0	0	0	236	0	272	192	237	0	268	201	215	0	238	193	223	0	242	193	0	0	0	0	0	0
400	0	2	0	2	182	0	0	2	0	2	0	2	244	0	205	284	0	2	0	0	217	0	191	241	0	2	0	0	0	2	0	0	0	2
500	0	2	0	2	161	0	0	2	0	2	0	2	244	0	199	276	0	2	0	0	212	0	188	230	0	2	0	0	0	2	0	0	0	2
600	0	2	0	2	177	0	0	2	0	2	0	2	244	0	206	277	0	2	0	0	216	0	195	237	0	2	0	0	0	2	0	0	0	2
700	0	2	0	2	192	0	0	2	0	2	0	2	243	0	195	293	0	2	0	0	218	0	192	242	0	2	0	0	0	2	0	0	0	2
800	0	2	0	2	202	0	0	2	0	2	0	2	246	0	197	294	0	2	0	0	219	0	203	242	0	2	0	0	0	2	0	0	0	2
900	0	2	0	2	219	0	0	2	0	2	0	2	259	0	217	289	0	2	0	0	227	0	209	240	0	2	0	0	0	2	0	0	0	2
1000	0	2	0	2	221	0	0	2	0	2	0	2	255	0	216	290	0	2	0	0	219	0	197	242	0	2	0	0	0	2	0	0	0	2
1100	0	2	0	2	217	0	0	2	0	2	0	2	253	0	215	293	0	2	0	0	217	0	192	241	0	2	0	0	0	2	0	0	0	2
1200	0	2	0	2	211	0	0	2	0	2	0	2	257	0	217	295	0	2	0	0	223	0	203	242	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	194	0	0	2	0	2	0	2	252	0	216	293	0	2	0	0	223	0	194	243	0	2	0	0	0	2	0	0	0	2
1400	109	0	0	2	236	0	0	2	0	2	0	2	259	0	216	293	0	2	0	0	225	0	204	241	0	2	0	0	0	2	0	0	0	2
1500	119	0	0	2	223	0	0	2	0	2	0	2	248	0	213	286	0	2	0	0	224	0	201	245	0	2	0	0	0	2	0	0	0	2
1600	136	0	0	2	219	0	0	2	0	2	0	2	246	0	206	289	0	2	0	0	226	0	201	245	0	2	0	0	0	2	0	0	0	2
1700	150	0	0	2	255	0	0	2	0	2	0	2	249	0	212	282	0	2	0	0	228	0	205	248	0	2	0	0	0	2	0	0	0	2
1800	127	0	0	2	257	0	0	2	0	2	0	2	251	0	206	287	0	2	0	0	236	0	217	249	0	2	0	0	0	2	0	0	0	2
1900	127	0	0	2	252	0	0	2	0	2	0	2	251	0	206	291	0	2	0	0	233	0	213	254	0	2	0	0	0	2	0	0	0	2
2000	165	0	0	2	196	0	0	2	0	2	0	2	253	0	209	290	0	2	0	0	234	0	201	257	0	2	0	0	0	2	0	0	0	2
2100	150	0	0	2	209	0	0	2	0	2	0	2	250	0	212	281	0	2	0	0	232	0	207	251	0	2	0	0	0	2	0	0	0	2
2200	167	0	0	2	209	0	0	2	0	2	0	2	255	0	217	290	0	2	0	0	227	0	204	246	0	2	0	0	0	2	0	0	0	2
2300	161	0	0	2	227	0	0	2	0	2	0	2	253	0	197	294	0	2	0	0	226	0	203	250	0	2	0	0	0	2	0	0	0	2
2400	167	0	0	2	215	0	0	2	0	2	0	2	251	0	204	298	0	2	0	0	226	0	203	244	0	2	0	0	0	2	0	0	0	2

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	711	0	718	0	718	0	711	0	320	2	320	2	-5	0	7	0	7	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	703	0	711	0	711	0	705	0	320	2	320	2	-4	0	9	0	9	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	694	0	702	0	702	0	694	0	320	2	320	2	-7	0	5	0	5	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	700	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	683	0	0	2	0	2	0	2	0	2	0	2	4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	683	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	686	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	686	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	683	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	700	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	710	0	0	2	0	2	0	2	0	2	0	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	734	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	744	0	0	2	0	2	0	2	0	2	0	2	8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	768	0	0	2	0	2	0	2	0	2	0	2	13	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	785	0	0	2	0	2	0	2	0	2	0	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	805	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	802	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	785	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	781	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	747	0	0	2	0	2	0	2	0	2	0	2	23	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	724	0	0	2	0	2	0	2	0	2	0	2	20	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	717	0	0	2	0	2	0	2	0	2	0	2	40	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	754	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	761	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

STA[redacted] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [redacted]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REF[redacted]G RESOLUTION TEMPERATURE 1 DEGREES, SPEED .1MPH, D[redacted]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [redacted]Y

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA[illegible]	WIND [illegible]6	S
100	105	0	0	2	240	0	0	2	0	2	0	2	243	0	204	293	0	2	0	0	231	0	208	251	0	2	0	0	0	2	0	0	0	2
200	140	0	0	2	215	0	0	2	0	2	0	2	257	0	217	294	0	2	0	0	231	0	204	249	0	2	0	0	0	2	0	0	0	2
300	144	0	0	2	211	0	0	2	0	2	0	2	253	0	212	294	0	2	0	0	227	0	205	243	0	2	0	0	0	2	0	0	0	2
400	146	0	0	2	232	0	0	2	0	2	0	2	251	0	210	298	0	2	0	0	227	0	207	246	0	2	0	0	0	2	0	0	0	2
500	155	0	0	2	248	0	0	2	0	2	0	2	253	0	208	295	0	2	0	0	234	0	218	248	0	2	0	0	0	2	0	0	0	2
600	123	0	0	2	215	0	0	2	0	2	0	2	259	0	209	304	0	2	0	0	219	0	197	245	0	2	0	0	0	2	0	0	0	2
700	132	0	0	2	238	0	0	2	0	2	0	2	254	0	205	307	0	2	0	0	228	0	198	249	0	2	0	0	0	2	0	0	0	2
800	136	0	131	0	203	0	203	0	0	0	0	0	242	0	276	204	242	0	279	208	223	0	244	192	233	0	258	200	0	0	0	0	0	0
900	152	0	142	0	215	0	220	0	0	0	0	0	243	0	278	202	240	0	275	203	226	0	245	210	235	0	247	209	0	0	0	0	0	0
1000	105	0	105	0	160	0	155	0	0	0	0	0	244	0	277	212	245	0	276	207	234	0	245	221	243	0	252	234	0	0	0	0	0	0
1100	82	0	82	0	117	0	124	0	0	0	0	0	246	0	280	209	243	0	278	197	237	0	259	221	245	0	264	192	0	0	0	0	0	0
1200	81	0	81	0	79	0	96	0	0	0	0	0	264	0	306	236	261	0	317	233	258	0	278	235	265	0	353	180	0	0	0	0	0	0
1300	142	2	142	2	215	2	220	2	0	0	0	0	243	2	278	202	240	2	275	203	226	2	245	210	235	2	247	209	0	0	0	0	0	0
1400	94	0	94	0	49	0	66	0	0	0	0	0	294	0	344	211	289	0	336	229	284	0	314	238	292	0	350	250	0	0	0	0	0	0
1500	46	0	46	0	55	0	71	0	0	0	0	0	0	3	101	278	359	0	72	284	342	0	41	291	352	0	45	299	0	0	0	0	0	0
1600	18	0	18	0	17	0	28	0	0	0	0	0	17	0	177	273	23	3	135	275	358	3	99	275	1	3	57	296	0	0	0	0	0	0
1700	29	0	29	0	31	0	45	0	0	0	0	0	9	0	86	290	11	3	135	273	346	0	33	297	352	0	95	271	0	0	0	0	0	0
1800	24	0	46	0	43	0	56	0	0	0	0	0	37	3	83	354	35	0	73	355	14	0	46	357	24	0	54	2	0	0	0	0	0	0
1900	19	0	39	0	44	0	57	0	0	0	0	0	33	3	64	8	31	0	68	9	14	0	34	0	26	0	40	17	0	0	0	0	0	0
2000	24	0	24	0	25	0	38	0	0	0	0	0	12	3	165	278	8	3	74	275	5	3	35	320	18	0	50	337	0	0	0	0	0	0
2100	61	0	63	0	106	0	117	0	0	0	0	0	26	0	122	318	25	0	104	316	357	0	24	337	6	0	34	340	0	0	0	0	0	0
2200	73	0	92	0	113	0	124	0	0	0	0	0	26	0	86	356	26	0	68	347	2	0	21	339	13	0	31	352	0	0	0	0	0	0
2300	70	0	89	0	111	0	124	0	0	0	0	0	22	0	108	345	21	0	74	339	356	0	13	324	6	0	26	339	0	0	0	0	0	0
2400	37	0	57	0	86	0	97	0	0	0	0	0	6	0	77	317	3	0	67	305	344	0	9	303	354	0	47	310	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	734	0	0	2	0	2	0	2	0	2	0	2	9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
200	734	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
300	724	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
400	724	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	703	0	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	703	0	0	2	0	2	0	2	0	2	0	2	-1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	693	0	0	2	0	2	0	2	0	2	0	2	0	2	-2	0	-2	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	694	0	700	0	696	0	689	0	320	2	320	2	-11	0	2	0	2	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	702	0	707	0	705	0	698	0	320	2	320	2	-9	0	4	0	4	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	709	0	711	0	714	0	707	0	320	2	320	2	-2	0	7	0	7	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	714	0	718	0	712	0	705	0	320	2	320	2	-13	0	-2	0	-2	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	738	0	739	0	729	0	718	0	320	2	320	2	-22	0	-9	0	-9	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	757	0	761	0	739	0	730	0	320	2	320	2	-31	0	-20	0	-20	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	748	0	754	0	738	0	729	0	320	2	320	2	-23	0	-11	0	-11	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1500	756	0	765	0	747	0	734	0	320	2	320	2	-29	0	-11	0	-11	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1600	774	0	783	0	759	0	747	0	320	2	320	2	-36	0	-14	0	-14	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	761	0	768	0	752	0	741	0	320	2	320	2	-29	0	-9	0	-9	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	723	0	730	0	730	0	723	0	320	2	320	2	-7	0	7	0	7	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	723	0	730	0	727	0	720	0	320	2	320	2	-9	0	4	0	4	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	684	0	691	0	687	0	682	0	320	2	320	2	-9	0	4	0	4	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	644	0	651	0	642	0	635	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	29	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	626	0	633	0	624	0	619	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	619	0	624	0	617	0	612	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	612	0	615	0	608	0	603	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE 7, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	92	0	114	0	152	0	163	0	0	0	0	0	28	0	86	292	26	0	72	349	3	0	32	339	13	0	33	347	0	0	0	0	0	0
200	123	0	145	0	190	0	197	0	0	0	0	0	36	0	88	357	35	0	78	1	8	0	34	329	19	0	41	352	0	0	0	0	0	0
300	83	0	106	0	133	0	145	0	0	0	0	0	37	0	87	1	35	0	110	355	12	0	35	350	24	0	49	356	0	0	0	0	0	0
400	79	0	98	0	113	0	125	0	0	0	0	0	34	0	87	358	32	0	85	1	9	0	33	338	22	0	51	354	0	0	0	0	0	0
500	82	0	106	0	135	0	145	0	0	0	0	0	29	0	75	338	29	0	81	357	359	0	35	325	9	0	39	333	0	0	0	0	0	0
600	94	0	115	0	152	0	160	0	0	0	0	0	32	0	90	355	31	0	69	344	2	0	34	339	13	0	37	340	0	0	0	0	0	0
700	136	0	159	0	192	0	203	0	0	0	0	0	31	0	83	4	28	0	80	350	1	0	18	336	12	0	40	344	0	0	0	0	0	0
800	83	0	102	0	138	0	152	0	0	0	0	0	33	0	87	320	35	0	142	0	2	0	41	332	12	0	45	339	0	0	0	0	0	0
900	96	0	115	0	143	0	159	0	0	0	0	0	28	0	92	323	27	0	87	331	359	0	30	326	9	0	42	335	0	0	0	0	0	0
1000	89	0	112	0	143	0	157	0	0	0	0	0	23	0	93	333	20	0	72	298	356	0	33	304	3	0	40	306	0	0	0	0	0	0
1100	100	0	123	0	151	0	165	0	0	0	0	0	23	0	95	344	19	0	81	326	352	0	42	319	359	0	42	321	0	0	0	0	0	0
1200	75	0	93	0	138	0	159	0	0	0	0	0	17	0	122	289	17	0	161	271	346	0	23	291	355	0	27	309	0	0	0	0	0	0
1300	58	0	73	0	113	0	131	0	0	0	0	0	354	0	89	285	5	0	109	283	340	0	44	290	349	0	49	275	0	0	0	0	0	0
1400	61	0	81	0	127	0	143	0	0	0	0	0	6	0	130	274	8	0	154	277	343	0	42	292	351	0	74	302	0	0	0	0	0	0
1500	85	0	100	0	139	0	161	0	0	0	0	0	19	0	98	324	18	0	80	309	347	0	20	315	358	0	41	319	0	0	0	0	0	0
1600	99	0	123	0	150	0	166	0	0	0	0	0	27	0	78	318	21	0	74	330	353	0	25	319	2	0	44	322	0	0	0	0	0	0
1700	130	0	149	0	180	0	186	0	0	0	0	0	28	0	76	349	27	0	72	342	358	0	33	318	8	0	39	321	0	0	0	0	0	0
1800	126	0	147	0	181	0	188	0	0	0	0	0	29	0	94	345	25	0	72	343	0	0	31	338	9	0	34	339	0	0	0	0	0	0
1900	119	0	141	0	163	0	172	0	0	0	0	0	30	0	65	348	29	0	84	356	3	0	24	342	14	0	40	344	0	0	0	0	0	0
2000	71	0	97	0	125	0	138	0	0	0	0	0	39	0	92	4	38	0	123	11	11	0	35	349	23	0	45	0	0	0	0	0	0	0
2100	47	0	70	0	85	0	101	0	0	0	0	0	45	0	85	13	48	0	92	18	21	0	47	1	33	0	55	11	0	0	0	0	0	0
2200	60	0	86	0	110	0	124	0	0	0	0	0	44	0	74	13	45	0	68	19	21	0	34	9	33	0	47	23	0	0	0	0	0	0
2300	29	0	51	0	66	0	92	0	0	0	0	0	74	3	101	63	75	0	96	64	35	0	44	31	51	0	57	44	0	0	0	0	0	0
2400	43	0	68	0	99	0	132	0	0	0	0	0	68	0	87	41	68	0	86	48	39	0	47	25	54	0	65	47	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	606	0	612	0	603	0	597	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	595	0	601	0	592	0	586	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	590	0	595	0	588	0	583	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	18	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	576	0	581	0	572	0	568	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	15	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
500	570	0	576	0	567	0	561	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	15	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
600	543	0	550	0	540	0	534	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
700	538	0	545	0	536	0	531	0	320	2	320	2	-14	0	-4	0	-4	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
800	541	0	549	0	536	0	531	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	559	0	568	0	558	0	550	0	320	2	320	2	-18	0	-2	0	-2	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	563	0	570	0	558	0	550	0	320	2	320	2	-18	0	-4	0	-4	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	565	0	572	0	565	0	556	0	320	2	320	2	-16	0	0	0	0	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	576	0	585	0	565	0	556	0	320	2	320	2	-29	0	-13	0	-13	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	597	0	606	0	574	0	567	0	320	2	320	2	-40	0	-23	0	-23	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	599	0	606	0	577	0	570	0	320	2	320	2	-36	0	-20	0	-20	2	0	2	20	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6
1500	590	0	601	0	579	0	572	0	320	2	320	2	-29	0	-11	0	-11	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	154	0
1600	583	0	592	0	577	0	568	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	574	0	583	0	574	0	567	0	320	2	320	2	-16	0	2	0	2	2	0	2	24	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	570	0	577	0	570	0	563	0	320	2	320	2	-14	0	0	0	0	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	570	0	576	0	572	0	567	0	320	2	320	2	-11	0	2	0	2	2	0	2	22	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	563	0	568	0	563	0	558	0	320	2	320	2	-11	0	0	0	0	2	0	2	17	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	552	0	558	0	554	0	550	0	320	2	320	2	-9	0	0	0	0	2	0	2	11	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	550	0	556	0	559	0	556	0	320	2	320	2	0	0	9	0	9	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	520	0	527	0	559	0	558	0	320	2	320	2	29	0	40	0	40	2	0	2	6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	502	0	509	0	552	0	547	0	320	2	320	2	38	0	49	0	49	2	0	2	2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

S[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]NG RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1MPH, [illegible]TION 1 DEGREE, RAINFALL 01 INCHES, NET RADIATION .01 [illegible]EY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MA[illegible]	WIND [illegible]26	S
100	49	0	72	0	103	0	135	0	0	0	0	0	76	0	98	50	78	0	100	54	44	0	52	34	59	0	64	52	0	0	0	0	0	0
200	77	0	100	0	152	0	161	0	0	0	0	0	92	0	119	64	92	0	124	57	59	0	67	56	65	0	80	16	0	0	0	0	0	0
300	72	0	92	0	159	0	168	0	0	0	0	0	95	0	125	62	97	0	120	75	69	0	76	68	59	0	85	2	0	0	0	0	0	0
400	72	0	95	0	161	0	170	0	0	0	0	0	102	0	136	75	104	0	129	83	78	0	79	76	107	0	170	90	0	0	0	0	0	0
500	73	0	88	0	159	0	167	0	0	0	0	0	108	0	135	85	114	0	135	91	85	0	90	79	106	0	153	97	0	0	0	0	0	0
600	67	0	80	0	124	0	136	0	0	0	0	0	115	0	126	103	119	0	147	100	96	0	101	91	112	0	144	106	0	0	0	0	0	0
700	68	0	90	0	100	0	116	0	0	0	0	0	119	0	142	103	125	0	172	103	109	0	121	99	124	0	144	112	0	0	0	0	0	0
800	45	0	73	0	70	0	87	0	0	0	0	0	119	0	161	79	124	0	172	88	116	0	135	90	130	0	148	111	0	0	0	0	0	0
900	24	0	43	0	49	0	65	0	0	0	0	0	118	0	172	50	124	0	172	51	125	0	166	100	140	0	167	106	0	0	0	0	0	0
1000	19	0	38	0	28	0	42	0	0	0	0	0	265	0	344	180	263	0	338	181	219	0	269	157	237	0	302	180	0	0	0	0	0	0
1100	24	0	45	0	30	0	47	0	0	0	0	0	308	0	353	228	303	0	339	213	278	0	312	233	285	0	324	241	0	0	0	0	0	0
1200	33	0	55	0	49	0	66	0	0	0	0	0	307	0	359	268	305	0	348	258	284	0	313	270	295	0	341	280	0	0	0	0	0	0
1300	43	0	63	0	63	0	79	0	0	0	0	0	340	0	21	276	339	0	43	275	327	0	338	312	335	0	358	309	0	0	0	0	0	0
1400	38	0	61	0	60	0	72	0	0	0	0	0	33	0	86	348	33	0	97	337	2	0	29	334	13	0	45	341	0	0	0	0	0	0
1500	37	0	60	0	49	0	61	0	0	0	0	0	35	0	81	359	33	0	90	343	3	0	31	326	12	0	36	340	0	0	0	0	0	0
1600	29	0	50	0	49	0	63	0	0	0	0	0	34	3	102	320	30	0	91	337	359	0	31	326	9	0	36	326	0	0	0	0	0	0
1700	32	0	55	0	68	0	82	0	0	0	0	0	36	0	85	10	35	0	85	356	16	0	45	0	27	0	52	14	0	0	0	0	0	0
1800	27	0	50	0	48	0	71	0	0	0	0	0	73	3	130	26	74	0	107	20	47	0	58	24	60	0	75	29	0	0	0	0	0	0
1900	25	0	48	0	49	0	72	0	0	0	0	0	70	3	94	36	70	0	101	42	45	0	58	32	59	0	75	45	0	0	0	0	0	0
2000	34	0	56	0	73	0	87	0	0	0	0	0	100	0	126	75	99	0	130	75	71	0	80	65	81	0	130	25	0	0	0	0	0	0
2100	32	0	55	0	80	0	93	0	0	0	0	0	98	0	116	69	97	0	108	86	87	0	94	76	104	0	161	87	0	0	0	0	0	0
2200	41	0	59	0	90	0	104	0	0	0	0	0	113	0	126	75	116	0	135	94	102	0	116	90	115	0	137	108	0	0	0	0	0	0
2300	24	0	56	0	96	0	110	0	0	0	0	0	127	0	156	91	133	0	161	108	123	0	134	113	137	0	143	129	0	0	0	0	0	0
2400	34	0	62	0	120	0	136	0	0	0	0	0	128	0	160	89	135	0	174	104	131	0	136	124	145	0	153	136	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	493	0	500	0	545	0	540	0	320	2	320	2	40	0	50	0	50	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	504	0	509	0	534	0	531	0	320	2	320	2	22	0	32	0	32	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	489	0	496	0	540	0	534	0	320	2	320	2	38	0	49	0	49	2	0	2	-2	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	482	0	489	0	534	0	529	0	320	2	320	2	40	0	52	0	52	2	0	2	-4	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
500	473	0	480	0	518	0	516	0	320	2	320	2	36	0	43	0	43	2	0	2	-6	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
600	480	0	487	0	511	0	507	0	320	2	320	2	18	0	29	0	29	2	0	2	-2	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
700	511	0	518	0	516	0	511	0	320	2	320	2	-7	0	4	0	4	2	0	2	9	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
800	579	0	586	0	565	0	561	0	320	2	320	2	-25	0	-14	0	-14	2	0	2	29	2	0	2	0	2	0	2	0	2	0	2	0	2	156	0
900	644	0	651	0	615	0	612	0	320	2	320	2	-40	0	-27	0	-27	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	155	6
1000	675	0	680	0	653	0	648	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6
1100	673	0	676	0	667	0	657	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	689	0	693	0	673	0	662	0	320	2	320	2	-31	0	-16	0	-16	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6
1300	662	0	669	0	655	0	644	0	320	2	320	2	-27	0	-9	0	-9	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	154	0
1400	658	0	666	0	655	0	646	0	320	2	320	2	-22	0	-2	0	-2	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	154	0
1500	648	0	655	0	649	0	640	0	320	2	320	2	-14	0	2	0	2	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	154	0
1600	655	0	664	0	657	0	648	0	320	2	320	2	-16	0	2	0	2	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	644	0	651	0	649	0	642	0	320	2	320	2	-9	0	5	0	5	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	648	0	655	0	642	0	635	0	320	2	320	2	-18	0	-4	0	-4	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	646	0	651	0	642	0	635	0	320	2	320	2	-16	0	-2	0	-2	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	628	0	635	0	640	0	635	0	320	2	320	2	0	0	13	0	13	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6
2100	615	0	622	0	648	0	644	0	320	2	320	2	20	0	32	0	32	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	606	0	613	0	646	0	640	0	320	2	320	2	27	0	40	0	40	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	160	0
2300	610	0	615	0	631	0	626	0	320	2	320	2	11	0	23	0	23	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	6
2400	606	0	613	0	630	0	624	0	320	2	320	2	11	0	23	0	23	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	154	6

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE

HOUR	WIND SPD1 30.A	S	WIND SPD2 30.B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30.A	S	MIN	MAX	WIND DIR2 30.B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	32	0	55	0	107	0	123	0	0	0	0	0	132	0	178	99	135	0	206	97	132	0	148	121	146	0	160	132	0	0	0	0	0	0
200	44	0	74	0	130	0	144	0	0	0	0	0	131	0	180	97	134	0	178	89	128	0	144	102	143	0	151	128	0	0	0	0	0	0
300	34	0	57	0	115	0	133	0	0	0	0	0	140	0	200	96	145	0	248	95	143	0	158	126	156	0	166	144	0	0	0	0	0	0
400	33	0	58	0	104	0	121	0	0	0	0	0	135	0	209	94	137	0	177	85	136	0	147	121	150	0	168	133	0	0	0	0	0	0
500	46	0	68	0	117	0	137	0	0	0	0	0	151	0	207	97	148	0	220	93	149	0	168	130	162	0	176	141	0	0	0	0	0	0
600	49	0	72	0	130	0	148	0	0	0	0	0	146	0	188	91	152	0	223	96	147	0	167	130	160	0	191	144	0	0	0	0	0	0
700	50	0	67	0	117	0	135	0	0	0	0	0	150	0	219	98	156	0	241	90	148	0	168	123	160	0	181	140	0	0	0	0	0	0
800	47	0	69	0	129	0	144	0	0	0	0	0	156	0	229	94	163	0	269	95	154	0	177	124	169	0	200	123	0	0	0	0	0	0
900	42	0	58	0	107	0	116	0	0	0	0	0	176	0	257	101	177	0	262	99	164	0	202	124	177	0	221	135	0	0	0	0	0	0
1000	51	0	70	0	107	0	115	0	0	0	0	0	172	0	254	93	174	0	244	110	160	0	191	111	174	0	199	130	0	0	0	0	0	0
1100	39	0	51	0	92	0	104	0	0	0	0	0	162	0	260	90	170	0	263	92	158	0	187	100	172	0	213	124	0	0	0	0	0	0
1200	46	0	56	0	77	0	81	0	0	0	0	0	234	0	326	186	232	0	276	180	207	0	236	177	217	0	248	183	0	0	0	0	0	0
1300	43	0	58	0	106	0	106	0	0	0	0	0	199	0	262	100	198	0	268	111	179	0	221	125	190	0	225	146	0	0	0	0	0	0
1400	48	0	60	0	82	0	85	0	0	0	0	0	222	0	267	136	228	0	297	183	193	0	236	163	205	0	241	173	0	0	0	0	0	0
1500	39	0	51	0	92	0	104	0	0	0	0	0	162	0	260	90	170	0	263	92	158	0	187	100	172	0	213	124	0	0	0	0	0	0
1600	23	0	35	0	77	0	79	0	0	0	0	0	203	0	259	102	201	0	256	129	189	0	210	165	198	0	216	173	0	0	0	0	0	0
1700	40	0	50	0	98	0	97	0	0	0	0	0	215	0	265	117	212	0	262	132	194	0	222	157	203	0	229	182	0	0	0	0	0	0
1800	23	0	40	0	73	0	76	0	0	0	0	0	212	0	254	162	211	0	253	153	185	0	202	168	195	0	217	179	0	0	0	0	0	0
1900	59	0	66	0	125	0	136	0	0	0	0	0	221	0	253	192	219	0	256	181	206	0	214	191	216	0	225	197	0	0	0	0	0	0
2000	84	0	86	0	142	0	139	0	0	0	0	0	229	0	255	190	227	0	266	186	215	0	233	192	225	0	241	207	0	0	0	0	0	0
2100	107	0	107	0	193	0	182	0	0	0	0	0	236	0	284	189	236	0	296	182	214	0	232	191	224	0	246	195	0	0	0	0	0	0
2200	108	0	111	0	180	0	175	0	0	0	0	0	239	0	287	203	244	0	293	199	222	0	245	199	232	0	256	208	0	0	0	0	0	0
2300	109	0	113	0	197	0	192	0	0	0	0	0	240	0	293	195	240	0	293	185	224	0	244	200	234	0	251	207	0	0	0	0	0	0
2400	71	0	81	0	140	0	138	0	0	0	0	0	227	0	287	195	225	0	258	178	207	0	245	178	218	0	247	198	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	606	0	613	0	619	0	613	0	320	2	320	2	2	0	14	0	14	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
200	606	0	613	0	613	0	608	0	320	2	320	2	-5	0	9	0	9	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
300	599	0	604	0	613	0	608	0	320	2	320	2	4	0	16	0	16	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
400	601	0	608	0	612	0	604	0	320	2	320	2	-4	0	11	0	11	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
500	604	0	612	0	610	0	604	0	320	2	320	2	-7	0	7	0	7	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
600	594	0	601	0	601	0	595	0	320	2	320	2	-7	0	7	0	7	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	158	0
700	610	0	615	0	610	0	604	0	320	2	320	2	-13	0	2	0	2	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	155	6
800	633	0	640	0	628	0	622	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
900	676	0	682	0	658	0	653	0	320	2	320	2	-29	0	-18	0	-18	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1000	716	0	720	0	693	0	685	0	320	2	320	2	-34	0	-23	0	-23	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	732	0	738	0	714	0	709	0	320	2	320	2	-31	0	-18	0	-18	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	765	0	768	0	757	0	752	0	320	2	320	2	-18	0	-7	0	-7	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1300	770	0	774	0	754	0	748	0	320	2	320	2	-25	0	-16	0	-16	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	783	0	786	0	765	0	757	0	320	2	320	2	-29	0	-18	0	-18	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1500	732	0	738	0	714	0	709	0	320	2	320	2	-31	0	-18	0	-18	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	752	0	759	0	763	0	757	0	320	2	320	2	2	0	11	0	11	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	766	0	772	0	774	0	766	0	320	2	320	2	-5	0	7	0	7	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	721	0	727	0	745	0	738	0	320	2	320	2	11	0	23	0	23	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	712	0	720	0	750	0	745	0	320	2	320	2	25	0	40	0	40	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
2000	700	0	707	0	729	0	723	0	320	2	320	2	16	0	29	0	29	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	104	0
2100	673	0	680	0	693	0	685	0	320	2	320	2	5	0	20	0	20	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	109	0
2200	649	0	655	0	655	0	649	0	320	2	320	2	-5	0	5	0	5	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	121	0
2300	642	0	649	0	648	0	642	0	320	2	320	2	-5	0	5	0	5	2	0	2	26	2	0	2	0	2	0	2	0	2	0	2	0	2	137	0
2400	646	0	653	0	660	0	655	0	320	2	320	2	2	0	14	0	14	2	0	2	27	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0

S [illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 [illegible] VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
P [illegible] NG RESOLUTION TEMPERATURE .1 DEGREES, SPEED 1MPH, [illegible] TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible] LEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	[illegible] B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND [illegible]	S
100	77	0	81	0	149	0	143	0	0	0	0	0	230	0	265	199	232	0	290	186	209	0	225	187	220	0	237	194	0	0	0	0	0	0
200	112	0	113	0	202	0	188	0	0	0	0	0	240	0	270	207	236	0	268	201	222	0	258	203	230	0	247	210	0	0	0	0	0	0
300	122	0	121	0	209	0	201	0	0	0	0	0	245	0	280	213	241	0	279	193	222	0	236	198	233	0	243	214	0	0	0	0	0	0
400	110	0	114	0	205	0	202	0	0	0	0	0	242	0	287	191	242	0	282	192	224	0	237	199	233	0	247	213	0	0	0	0	0	0
500	105	0	111	0	180	0	182	0	0	0	0	0	243	0	294	186	243	0	275	192	226	0	245	203	235	0	253	214	0	0	0	0	0	0
600	114	0	115	0	200	0	203	0	0	0	0	0	239	0	270	197	240	0	274	197	226	0	245	210	236	0	243	221	0	0	0	0	0	0
700	112	0	108	0	188	0	193	0	0	0	0	0	241	0	276	207	241	0	293	206	229	0	238	198	239	0	248	227	0	0	0	0	0	0
800	113	0	114	0	181	0	190	0	0	0	0	0	241	0	278	201	237	0	270	199	229	0	243	211	238	0	259	209	0	0	0	0	0	0
900	109	0	107	0	178	0	185	0	0	0	0	0	244	0	281	214	241	0	278	201	227	0	244	212	236	0	248	209	0	0	0	0	0	0
1000	106	0	113	0	158	0	159	0	0	0	0	0	249	0	278	216	245	0	299	201	239	0	247	224	247	0	254	201	0	0	0	0	0	0
1100	83	0	91	0	128	0	151	0	0	0	0	0	249	0	285	217	246	0	291	202	243	0	254	228	250	0	269	193	0	0	0	0	0	0
1200	106	0	107	0	142	0	138	0	0	0	0	0	245	0	286	191	243	0	274	223	234	0	243	214	240	0	250	199	0	0	0	0	0	0
1300	104	0	108	0	151	0	161	0	0	0	0	0	244	0	287	197	242	0	284	213	229	0	243	191	238	0	251	225	0	0	0	0	0	0
1400	87	0	95	0	151	0	161	0	0	0	0	0	247	0	287	207	244	0	289	194	231	0	244	202	240	0	248	225	0	0	0	0	0	0
1500	70	0	74	0	117	0	115	0	0	0	0	0	250	0	328	198	246	0	290	205	234	0	266	212	240	0	254	200	0	0	0	0	0	0
1600	67	0	73	0	101	0	102	0	0	0	0	0	245	0	284	191	245	0	283	201	218	0	243	191	227	0	252	207	0	0	0	0	0	0
1700	71	0	77	0	96	0	96	0	0	0	0	0	245	0	300	205	240	0	280	199	219	0	244	191	226	0	247	200	0	0	0	0	0	0
1800	70	0	74	0	122	0	121	0	0	0	0	0	242	0	281	202	240	0	275	206	224	0	241	204	233	0	246	215	0	0	0	0	0	0
1900	65	0	81	0	117	0	120	0	0	0	0	0	252	0	277	220	250	0	291	216	237	0	246	223	247	0	254	236	0	0	0	0	0	0
2000	38	0	60	0	72	0	89	0	0	0	0	0	335	0	15	284	329	0	6	296	314	0	326	303	321	0	334	310	0	0	0	0	0	0
2100	28	0	48	0	87	0	97	0	0	0	0	0	37	3	55	6	34	0	62	348	15	0	24	8	26	0	36	19	0	0	0	0	0	0
2200	23	0	43	0	60	0	72	0	0	0	0	0	119	0	148	102	123	0	155	102	56	0	78	45	70	0	93	58	0	0	0	0	0	0
2300	17	0	38	0	33	0	46	0	0	0	0	0	168	0	214	136	166	0	213	124	92	0	113	79	104	0	126	92	0	0	0	0	0	0
2400	8	0	24	0	72	2	18	0	0	0	0	0	235	0	264	208	232	0	257	203	146	0	199	124	159	5	207	138	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	671	0	678	0	687	0	682	0	320	2	320	2	4	0	14	0	14	2	0	2	33	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
200	673	0	680	0	685	0	678	0	320	2	320	2	2	0	11	0	11	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
300	664	0	669	0	675	0	669	0	320	2	320	2	2	0	13	0	13	2	0	2	33	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
400	671	0	676	0	680	0	675	0	320	2	320	2	-2	0	9	0	9	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
500	669	0	675	0	678	0	671	0	320	2	320	2	-4	0	9	0	9	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
600	669	0	676	0	680	0	673	0	320	2	320	2	-2	0	9	0	9	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
700	678	0	684	0	689	0	684	0	320	2	320	2	0	0	11	0	11	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
800	689	0	694	0	698	0	691	0	320	2	320	2	-2	0	9	0	9	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
900	702	0	707	0	712	0	705	0	320	2	320	2	2	0	11	0	11	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1000	718	0	721	0	738	0	730	0	320	2	320	2	9	0	20	0	20	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1100	729	0	730	0	747	0	739	0	320	2	320	2	9	0	20	0	20	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1200	745	0	748	0	732	0	745	0	320	2	320	2	-4	0	9	0	9	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1300	763	0	765	0	768	0	761	0	320	2	320	2	-4	0	5	0	5	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	145	6
1400	786	0	790	0	797	0	790	0	320	2	320	2	2	0	11	0	11	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1500	811	0	811	0	811	0	806	0	320	2	320	2	-7	0	2	0	2	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	145	6
1600	822	0	824	0	813	0	804	0	320	2	320	2	-20	0	-7	0	-7	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1700	828	0	831	0	815	0	808	0	320	2	320	2	-22	0	-11	0	-11	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1800	811	0	815	0	817	0	810	0	320	2	320	2	-5	0	7	0	7	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
1900	793	0	799	0	817	0	810	0	320	2	320	2	13	0	23	0	23	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2000	725	0	732	0	761	0	756	0	320	2	320	2	23	0	36	0	36	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2100	720	0	725	0	779	0	772	0	320	2	320	2	47	0	58	0	58	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2200	696	0	703	0	754	0	748	0	320	2	320	2	45	0	58	0	58	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2300	709	0	714	0	761	0	757	0	320	2	320	2	43	0	54	0	54	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
2400	705	0	712	0	768	0	763	0	320	2	320	2	52	0	61	0	61	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK - METEOROLOGICAL DATA FOR [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	25	0	37	0	23	0	33	0	0	0	0	0	241	0	264	218	239	0	251	223	197	0	203	189	206	0	214	196	0	0	0	0	0	0
200	24	0	39	0	59	0	66	0	0	0	0	0	225	0	262	168	222	0	254	148	211	0	225	199	221	0	234	205	0	0	0	0	0	0
300	38	0	51	0	57	0	64	0	0	0	0	0	246	0	0	215	242	0	262	97	234	0	245	0	243	0	252	25	0	0	0	0	0	0
400	47	0	64	0	59	0	77	0	0	0	0	0	250	0	275	231	248	0	263	232	260	0	268	255	269	0	272	183	0	0	0	0	0	0
500	40	0	58	0	45	0	64	0	0	0	0	0	251	0	266	219	249	0	261	230	250	0	257	244	259	0	264	253	0	0	0	0	0	0
600	27	0	45	0	39	0	58	0	0	0	0	0	252	0	268	233	249	0	265	231	269	0	281	258	277	0	288	265	0	0	0	0	0	0
700	19	0	36	0	24	0	42	0	0	0	0	0	253	0	271	220	250	0	282	215	272	0	303	247	281	0	345	257	0	0	0	0	0	0
800	27	0	27	0	15	0	32	0	0	0	0	0	263	0	355	212	261	3	296	227	274	0	309	235	281	0	309	241	0	0	0	0	0	0
900	37	0	57	0	29	0	47	0	0	0	0	0	251	0	278	226	250	0	288	226	257	0	289	235	268	0	292	245	0	0	0	0	0	0
1000	34	0	58	0	38	0	56	0	0	0	0	0	273	0	303	242	271	0	307	245	250	0	266	221	258	0	279	223	0	0	0	0	0	0
1100	13	0	30	0	16	0	30	0	0	0	0	0	293	0	334	229	295	3	358	250	263	0	293	224	274	0	350	233	0	0	0	0	0	0
1200	26	0	48	0	29	0	45	0	0	0	0	0	268	0	299	222	262	0	310	226	252	0	289	221	261	0	305	224	0	0	0	0	0	0
1300	16	0	37	0	22	0	40	0	0	0	0	0	285	0	323	243	279	0	313	234	260	0	282	225	268	0	290	249	0	0	0	0	0	0
1400	17	0	35	0	20	0	36	0	0	0	0	0	301	0	340	241	295	0	335	245	279	5	292	229	286	0	297	236	0	0	0	0	0	0
1500	20	0	35	0	30	0	47	0	0	0	0	0	300	0	337	262	291	0	335	247	281	0	293	259	290	0	348	263	0	0	0	0	0	0
1600	16	0	37	0	28	0	43	0	0	0	0	0	315	0	20	270	310	0	354	257	302	0	328	278	309	0	344	280	0	0	0	0	0	0
1700	25	0	25	0	9	0	23	0	0	0	0	0	303	0	357	225	300	3	342	243	298	0	334	264	304	0	353	258	0	0	0	0	0	0
1800	16	0	16	0	7	0	19	0	0	0	0	0	173	0	244	112	171	3	240	102	145	0	193	109	157	0	204	119	0	0	0	0	0	0
1900	20	0	20	0	37	0	49	0	0	0	0	0	196	0	244	134	196	3	248	123	165	0	179	155	176	0	187	167	0	0	0	0	0	0
2000	13	0	30	0	65	0	82	0	0	0	0	0	151	0	210	98	150	3	214	104	147	0	152	144	160	0	166	156	0	0	0	0	0	0
2100	20	0	44	0	77	0	93	0	0	0	0	0	148	0	187	117	146	0	180	110	150	0	158	147	162	0	169	159	0	0	0	0	0	0
2200	32	0	52	0	101	0	118	0	0	0	0	0	151	0	181	111	152	0	190	118	157	0	163	155	170	0	175	167	0	0	0	0	0	0
2300	27	0	42	0	133	0	130	0	0	0	0	0	193	3	259	93	194	0	241	98	180	0	185	174	191	0	196	184	0	0	0	0	0	0
2400	26	0	45	0	106	0	102	0	0	0	0	0	192	0	264	119	192	0	250	135	186	0	201	168	196	0	214	177	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	693	0	700	0	754	0	748	0	320	2	320	2	49	0	61	0	61	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	146	0
200	687	0	693	0	745	0	738	0	320	2	320	2	45	0	58	0	58	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
300	693	0	689	0	729	0	723	0	320	2	320	2	25	0	38	0	38	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	101	0
400	675	0	682	0	721	0	718	0	320	2	320	2	38	0	47	0	47	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
500	658	0	666	0	676	0	671	0	320	2	320	2	7	0	18	0	18	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	658	0	666	0	698	0	694	0	320	2	320	2	31	0	40	0	40	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	675	0	682	0	696	0	689	0	320	2	320	2	9	0	22	0	22	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
800	721	0	727	0	727	0	716	0	320	2	320	2	-11	0	5	0	5	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	711	0	712	0	732	0	721	0	320	2	320	2	9	0	25	0	25	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1000	714	0	718	0	738	0	727	0	320	2	320	2	9	0	23	0	23	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1100	741	0	745	0	759	0	748	0	320	2	320	2	4	0	20	0	20	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1200	743	0	747	0	761	0	748	0	320	2	320	2	4	0	16	0	16	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1300	810	0	811	0	820	0	810	0	320	2	320	2	2	0	11	0	11	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1400	842	0	844	0	835	0	820	0	320	2	320	2	-23	0	-7	0	-7	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1500	833	0	835	0	819	0	804	0	320	2	320	2	-29	0	-14	0	-14	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1600	842	0	846	0	835	0	822	0	320	2	320	2	-22	0	-5	0	-5	2	0	2	80	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	842	0	846	0	844	0	835	0	320	2	320	2	-11	0	4	0	4	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	856	0	862	0	840	0	829	0	320	2	320	2	-32	0	-16	0	-16	2	0	2	90	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	833	0	838	0	829	0	822	0	320	2	320	2	-14	0	2	0	2	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	793	0	799	0	815	0	808	0	320	2	320	2	11	0	23	0	23	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	759	0	765	0	815	0	808	0	320	2	320	2	43	0	58	0	58	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	750	0	757	0	815	0	810	0	320	2	320	2	54	0	68	0	68	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	745	0	752	0	797	0	790	0	320	2	320	2	40	0	54	0	54	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	725	0	732	0	772	0	765	0	320	2	320	2	32	0	45	0	45	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0

S[illegible]6 CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

[illegible]TING RESOLUTION. TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .0[illegible]GLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	43	0	52	0	100	0	104	0	0	0	0	0	217	0	255	145	215	0	256	171	200	0	212	188	210	0	220	196	0	0	0	0	0	0
200	32	0	46	0	108	0	103	0	0	0	0	0	201	0	247	163	202	0	252	135	190	0	200	177	200	0	210	182	0	0	0	0	0	0
300	41	0	55	0	115	0	112	0	0	0	0	0	213	0	252	163	214	0	258	165	196	0	210	188	206	0	219	194	0	0	0	0	0	0
400	46	0	57	0	110	0	113	0	0	0	0	0	218	0	261	170	216	0	249	157	201	0	222	188	211	0	233	194	0	0	0	0	0	0
500	56	0	66	0	118	0	121	0	0	0	0	0	225	0	258	192	222	0	262	164	206	0	230	187	216	0	230	197	0	0	0	0	0	0
600	29	0	45	0	106	0	110	0	0	0	0	0	203	0	254	112	199	0	251	127	199	0	214	187	210	0	226	194	0	0	0	0	0	0
700	23	0	40	0	88	0	89	0	0	0	0	0	188	0	260	105	190	0	257	111	182	0	200	158	193	0	215	176	0	0	0	0	0	0
800	26	0	41	0	72	0	75	0	0	0	0	0	183	3	254	90	184	0	263	93	25	0	353	44	184	0	213	152	0	0	0	0	0	0
900	22	0	34	0	52	0	58	0	0	0	0	0	190	3	257	95	194	0	258	124	11	0	343	36	182	0	226	124	0	0	0	0	0	0
1000	28	0	42	0	67	0	74	0	0	0	0	0	188	3	265	102	192	0	262	98	19	0	352	44	185	0	234	141	0	0	0	0	0	0
1100	38	0	47	0	67	0	74	0	0	0	0	0	206	0	266	112	201	0	263	95	15	0	353	43	198	0	263	123	0	0	0	0	0	0
1200	73	0	0	2	38	0	0	2	0	2	0	2	215	0	161	287	0	2	0	0	28	0	358	45	0	2	0	0	0	2	0	0	0	2
1300	80	0	0	2	38	0	0	2	0	2	0	2	257	0	222	299	0	2	0	0	28	0	1	54	0	2	0	0	0	2	0	0	0	2
1400	71	0	0	2	61	0	0	2	0	2	0	2	251	0	203	297	0	2	0	0	23	0	358	48	0	2	0	0	0	2	0	0	0	2
1500	82	0	0	2	80	0	0	2	0	2	0	2	275	0	236	312	0	2	0	0	69	0	69	69	0	2	0	0	0	2	0	0	0	2
1600	80	0	0	2	82	0	0	2	0	2	0	2	268	0	228	303	0	2	0	0	81	0	81	81	0	2	0	0	0	2	0	0	0	2
1700	69	0	0	2	94	0	0	2	0	2	0	2	269	0	233	304	0	2	0	0	87	0	82	89	0	2	0	0	0	2	0	0	0	2
1800	48	0	0	2	121	0	0	2	0	2	0	2	288	0	246	330	0	2	0	0	146	0	146	146	0	2	0	0	0	2	0	0	0	2
1900	27	0	0	2	109	0	0	2	0	2	0	2	315	0	277	349	0	2	0	0	146	0	146	146	0	2	0	0	0	2	0	0	0	2
2000	27	0	0	2	165	0	0	2	0	2	0	2	277	0	249	296	0	2	0	0	53	0	35	74	0	2	0	0	0	2	0	0	0	2
2100	32	0	0	2	190	0	0	2	0	2	0	2	276	0	254	287	0	2	0	0	81	0	64	93	0	2	0	0	0	2	0	0	0	2
2200	32	0	0	2	217	0	0	2	0	2	0	2	7	0	350	26	0	2	0	0	80	0	57	95	0	2	0	0	0	2	0	0	0	2
2300	38	0	0	2	230	0	0	2	0	2	0	2	63	0	47	81	0	2	0	0	86	0	65	101	0	2	0	0	0	2	0	0	0	2
2400	52	0	0	2	230	0	0	2	0	2	0	2	100	0	91	111	0	2	0	0	92	0	72	109	0	2	0	0	0	2	0	0	0	2

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	725	0	732	0	741	0	734	0	320	2	320	2	4	0	16	0	16	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	700	0	705	0	723	0	718	0	320	2	320	2	13	0	25	0	25	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	682	0	689	0	714	0	709	0	320	2	320	2	20	0	32	0	32	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	682	0	689	0	702	0	696	0	320	2	320	2	7	0	20	0	20	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	676	0	685	0	694	0	687	0	320	2	320	2	4	0	18	0	18	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	667	0	675	0	698	0	693	0	320	2	320	2	18	0	31	0	31	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	694	0	702	0	707	0	700	0	320	2	320	2	0	0	13	0	13	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	752	0	757	0	748	0	741	0	320	2	320	2	-16	0	-4	0	-4	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	806	0	811	0	784	0	779	0	320	2	320	2	-34	0	-22	0	-22	2	0	2	76	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	846	0	851	0	820	0	813	0	320	2	320	2	-36	0	-25	0	-25	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	876	0	882	0	853	0	847	0	320	2	320	2	-36	0	-25	0	-25	2	0	2	85	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1200	873	0	0	2	0	2	0	2	0	2	0	2	-26	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	877	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	849	0	0	2	0	2	0	2	0	2	0	2	-12	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	840	0	0	2	0	2	0	2	0	2	0	2	3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	890	0	0	2	0	2	0	2	0	2	0	2	-5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	877	0	0	2	0	2	0	2	0	2	0	2	2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	890	0	0	2	0	2	0	2	0	2	0	2	-22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	894	0	0	2	0	2	0	2	0	2	0	2	9	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	907	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	870	0	0	2	0	2	0	2	0	2	0	2	34	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	839	0	0	2	0	2	0	2	0	2	0	2	6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	805	0	0	2	0	2	0	2	0	2	0	2	72	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	785	0	0	2	0	2	0	2	0	2	0	2	100	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE 15, 1987

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	63	0	0	2	200	0	0	2	0	2	0	2	111	0	93	128	0	2	0	0	95	0	75	109	0	2	0	0	0	2	0	0	0	2
200	65	0	0	2	171	0	0	2	0	2	0	2	146	0	106	180	0	2	0	0	93	0	68	118	0	2	0	0	0	2	0	0	0	2
300	71	0	0	2	148	0	0	2	0	2	0	2	158	0	132	176	0	2	0	0	100	0	73	119	0	2	0	0	0	2	0	0	0	2
400	98	0	0	2	136	0	0	2	0	2	0	2	89	0	61	122	0	2	0	0	73	0	52	97	0	2	0	0	0	2	0	0	0	2
500	134	0	0	2	109	0	0	2	0	2	0	2	97	0	66	132	0	2	0	0	64	0	41	88	0	2	0	0	0	2	0	0	0	2
600	155	0	0	2	119	0	0	2	0	2	0	2	105	0	65	141	0	2	0	0	10	0	341	41	0	2	0	0	0	2	0	0	0	2
700	150	0	0	2	161	0	0	2	0	2	0	2	97	0	62	133	0	2	0	0	23	0	1	44	0	2	0	0	0	2	0	0	0	2
800	125	0	0	2	175	0	0	2	0	2	0	2	105	0	71	136	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	127	0	0	2	159	0	0	2	0	2	0	2	101	0	68	137	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1000	77	0	0	2	186	0	0	2	0	2	0	2	66	0	30	116	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1100	86	0	0	2	184	0	0	2	0	2	0	2	83	0	36	125	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1200	90	0	0	2	180	0	0	2	0	2	0	2	30	0	350	74	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	98	0	0	2	234	0	0	2	0	2	0	2	36	0	352	84	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	96	0	128	0	234	0	160	0	0	0	0	0	30	0	347	80	32	0	100	307	3	0	23	325	15	0	56	334	0	0	0	0	0	0
1500	94	0	112	0	138	0	146	0	0	0	0	0	31	0	102	320	28	0	77	324	4	0	31	328	14	0	45	335	0	0	0	0	0	0
1600	118	0	134	0	175	0	180	0	0	0	0	0	32	0	85	355	28	0	98	335	5	0	32	345	17	0	50	347	0	0	0	0	0	0
1700	111	0	136	0	171	0	179	0	0	0	0	0	31	0	85	330	30	0	69	350	7	0	26	343	19	0	46	341	0	0	0	0	0	0
1800	113	0	134	0	169	0	182	0	0	0	0	0	33	0	75	340	34	0	89	354	9	0	37	346	21	0	47	348	0	0	0	0	0	0
1900	110	0	134	0	172	0	180	0	0	0	0	0	35	0	83	5	32	0	74	1	12	0	32	349	25	0	50	0	0	0	0	0	0	0
2000	91	0	74	0	114	0	125	0	0	0	0	0	36	0	73	7	33	0	71	349	15	0	34	357	27	0	49	11	0	0	0	0	0	0
2100	25	0	52	0	99	0	124	0	0	0	0	0	48	3	71	29	49	0	72	23	31	0	34	22	46	0	50	34	0	0	0	0	0	0
2200	39	0	71	0	112	0	149	0	0	0	0	0	55	0	78	19	56	0	74	26	38	0	45	33	55	0	60	50	0	0	0	0	0	0
2300	66	0	88	0	161	0	167	0	0	0	0	0	84	0	114	54	87	0	117	64	54	0	57	44	65	0	74	30	0	0	0	0	0	0
2400	75	0	98	0	167	0	178	0	0	0	0	0	96	0	117	80	99	0	121	79	76	0	80	67	93	0	149	50	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	768	0	0	2	0	2	0	2	0	2	0	2	101	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	744	0	0	2	0	2	0	2	0	2	0	2	82	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	768	0	0	2	0	2	0	2	0	2	0	2	81	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	751	0	0	2	0	2	0	2	0	2	0	2	8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	717	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	710	0	0	2	0	2	0	2	0	2	0	2	5	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	707	0	0	2	0	2	0	2	0	2	0	2	8	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	724	0	0	2	0	2	0	2	0	2	0	2	1	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	754	0	0	2	0	2	0	2	0	2	0	2	-12	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	792	0	0	2	0	2	0	2	0	2	0	2	-26	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	815	0	0	2	0	2	0	2	0	2	0	2	-21	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	778	0	0	2	0	2	0	2	0	2	0	2	10	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	754	0	0	2	0	2	0	2	0	2	0	2	-3	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	754	0	752	0	739	0	729	0	320	2	320	2	-3	0	-23	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	729	0	738	0	727	0	716	0	320	2	320	2	-2	0	-22	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	721	0	730	0	725	0	716	0	320	2	320	2	4	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	705	0	714	0	709	0	700	0	320	2	320	2	2	0	-14	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	707	0	714	0	711	0	703	0	320	2	320	2	2	0	-13	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	718	0	725	0	727	0	720	0	320	2	320	2	7	0	-5	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	709	0	714	0	725	0	718	0	320	2	320	2	16	0	5	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	667	0	675	0	739	0	739	0	320	2	320	2	90	0	85	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	667	0	675	0	770	0	765	0	320	2	320	2	101	0	90	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	682	0	689	0	745	0	738	0	320	2	320	2	61	0	49	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	676	0	684	0	739	0	734	0	320	2	320	2	61	0	50	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0

S[illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 [illegible]VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

R[illegible]ING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	79	0	96	0	169	0	181	0	0	0	0	0	97	0	119	77	100	0	129	74	79	0	81	75	95	0	179	89	0	0	0	0	0	0
200	86	0	97	0	154	0	166	0	0	0	0	0	116	0	133	102	120	0	135	99	101	0	111	98	117	0	141	111	0	0	0	0	0	0
300	80	0	94	0	137	0	153	0	0	0	0	0	117	0	131	94	122	0	145	95	107	0	114	101	122	0	129	116	0	0	0	0	0	0
400	72	0	92	0	131	0	152	0	0	0	0	0	120	0	137	108	126	0	137	113	111	0	122	109	126	0	134	122	0	0	0	0	0	0
500	38	0	61	0	135	0	152	0	0	0	0	0	136	0	204	90	139	0	201	90	133	0	144	78	145	0	156	90	0	0	0	0	0	0
600	52	0	75	0	120	0	131	0	0	0	0	0	103	0	118	80	105	0	128	76	90	0	99	88	106	0	127	101	0	0	0	0	0	0
700	60	0	76	0	98	0	115	0	0	0	0	0	108	0	128	84	112	0	143	82	94	0	102	78	108	0	156	97	0	0	0	0	0	0
800	40	0	65	0	70	0	88	0	0	0	0	0	111	0	150	61	119	0	178	60	105	0	142	78	119	0	146	90	0	0	0	0	0	0
900	40	0	64	0	53	0	73	0	0	0	0	0	111	0	145	71	114	0	144	78	97	0	128	63	113	0	168	79	0	0	0	0	0	0
1000	36	0	54	0	50	0	72	0	0	0	0	0	94	0	150	16	93	0	142	32	88	0	144	46	103	0	175	62	0	0	0	0	0	0
1100	39	0	65	0	58	0	77	0	0	0	0	0	98	0	149	46	97	0	172	30	83	0	115	30	97	0	175	23	0	0	0	0	0	0
1200	37	0	52	0	49	0	61	0	0	0	0	0	13	0	145	286	15	0	166	284	354	0	66	293	7	0	68	303	0	0	0	0	0	0
1300	33	0	49	0	59	0	73	0	0	0	0	0	1	0	137	270	358	0	98	274	341	0	55	305	351	0	57	304	0	0	0	0	0	0
1400	63	0	88	0	112	0	128	0	0	0	0	0	27	0	98	343	27	0	112	312	0	0	39	326	10	0	45	337	0	0	0	0	0	0
1500	82	0	107	0	118	0	129	0	0	0	0	0	34	0	113	348	32	0	114	337	3	0	35	335	13	0	47	332	0	0	0	0	0	0
1600	89	0	110	0	130	0	140	0	0	0	0	0	31	0	78	352	25	0	83	348	5	0	40	345	17	0	44	356	0	0	0	0	0	0
1700	72	0	95	0	122	0	135	0	0	0	0	0	37	0	96	5	36	0	83	352	15	0	42	345	27	0	63	356	0	0	0	0	0	0
1800	45	0	72	0	76	0	91	0	0	0	0	0	43	0	89	13	39	0	78	353	21	0	43	0	32	0	58	4	0	0	0	0	0	0
1900	49	0	77	0	78	0	99	0	0	0	0	0	46	0	89	20	44	0	89	359	25	0	53	4	38	0	61	21	0	0	0	0	0	0
2000	34	0	61	0	60	0	91	0	0	0	0	0	48	0	84	29	48	0	68	27	29	0	33	19	43	0	49	36	0	0	0	0	0	0
2100	36	0	62	0	76	0	107	0	0	0	0	0	45	0	72	23	45	0	82	20	25	0	31	20	39	0	44	26	0	0	0	0	0	0
2200	52	0	79	0	109	0	144	0	0	0	0	0	48	0	86	22	47	0	76	17	24	0	31	20	39	0	42	35	0	0	0	0	0	0
2300	46	0	73	0	94	0	126	0	0	0	0	0	68	0	76	52	68	0	78	50	38	0	43	32	53	0	57	47	0	0	0	0	0	0
2400	42	0	74	0	100	0	124	0	0	0	0	0	62	0	84	46	60	0	79	41	33	0	43	30	49	0	56	45	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	673	0	680	0	730	0	725	0	320	2	320	2	56	0	45	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	671	0	678	0	718	0	712	0	320	2	320	2	47	0	34	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	662	0	667	0	707	0	702	0	320	2	320	2	45	0	34	0	0	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	660	0	666	0	707	0	700	0	320	2	320	2	47	0	34	0	0	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	664	0	671	0	725	0	718	0	320	2	320	2	59	0	47	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	639	0	646	0	678	0	673	0	320	2	320	2	40	0	29	0	0	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	662	0	669	0	678	0	671	0	320	2	320	2	14	0	2	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	727	0	734	0	721	0	714	0	320	2	320	2	-5	0	-18	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	781	0	786	0	774	0	766	0	320	2	320	2	-7	0	-22	0	0	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1000	828	0	835	0	806	0	795	0	320	2	320	2	-22	0	-40	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1100	835	0	842	0	819	0	810	0	320	2	320	2	-14	0	-31	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	98	0
1200	837	0	847	0	824	0	811	0	320	2	320	2	-13	0	-34	0	0	2	0	2	89	2	0	2	0	2	0	2	0	2	0	2	0	2	97	6
1300	831	0	842	0	811	0	801	0	320	2	320	2	-20	0	-41	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	815	0	826	0	810	0	801	0	320	2	320	2	-5	0	-25	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1500	819	0	828	0	815	0	806	0	320	2	320	2	-2	0	-22	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1600	786	0	795	0	788	0	781	0	320	2	320	2	2	0	-14	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1700	777	0	786	0	777	0	768	0	320	2	320	2	0	0	-18	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	793	0	801	0	790	0	781	0	320	2	320	2	-4	0	-20	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1900	786	0	793	0	786	0	777	0	320	2	320	2	0	0	-16	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2000	763	0	768	0	774	0	768	0	320	2	320	2	11	0	0	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2100	732	0	738	0	759	0	756	0	320	2	320	2	27	0	16	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	729	0	736	0	772	0	765	0	320	2	320	2	41	0	31	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2300	694	0	702	0	761	0	757	0	320	2	320	2	68	0	58	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2400	684	0	691	0	754	0	748	0	320	2	320	2	70	0	58	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0

STATUS CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE ... ...

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	47	0	67	0	106	0	117	0	0	0	0	0	96	0	111	75	99	0	112	83	62	0	66	54	73	0	81	40	0	0	0	0	0	0
200	44	0	64	0	106	0	116	0	0	0	0	0	102	0	115	90	104	0	118	87	62	0	66	56	73	0	79	14	0	0	0	0	0	0
300	52	0	71	0	105	0	119	0	0	0	0	0	116	0	124	112	122	0	131	118	70	0	77	66	85	0	89	80	0	0	0	0	0	0
400	72	0	90	0	124	0	132	0	0	0	0	0	111	0	115	105	114	0	128	105	81	0	88	77	96	0	134	90	0	0	0	0	0	0
500	58	0	81	0	122	0	133	0	0	0	0	0	120	0	129	113	126	0	135	117	101	0	103	98	116	0	147	112	0	0	0	0	0	0
600	38	0	61	0	130	0	152	0	0	0	0	0	131	0	170	85	139	0	168	113	127	0	134	124	142	0	150	138	0	0	0	0	0	0
700	21	0	21	0	49	0	65	0	0	0	0	0	195	0	252	90	197	3	258	94	172	0	191	119	184	0	203	135	0	0	0	0	0	0
800	40	0	0	2	138	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	86	0	81	90	0	2	0	0	0	2	0	0	0	2
900	44	0	51	0	140	0	83	0	0	0	0	0	343	0	39	296	341	0	38	288	87	0	79	95	326	0	355	314	0	0	0	0	0	0
1000	61	0	0	2	148	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	106	0	106	106	0	2	0	0	0	2	0	0	0	2
1100	50	0	0	2	152	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	128	0	128	128	0	2	0	0	0	2	0	0	0	2
1200	44	0	0	2	117	0	0	2	0	2	0	2	303	0	255	336	0	2	0	0	162	0	156	169	0	2	0	0	0	2	0	0	0	2
1300	44	0	0	2	50	0	0	2	0	2	0	2	304	0	268	344	0	2	0	0	131	0	113	154	0	2	0	0	0	2	0	0	0	2
1400	48	0	0	2	75	0	0	2	0	2	0	2	320	0	264	357	0	2	0	0	104	0	89	129	0	2	0	0	0	2	0	0	0	2
1500	52	0	0	2	59	0	0	2	0	2	0	2	344	0	273	52	0	2	0	0	128	0	96	145	0	2	0	0	0	2	0	0	0	2
1600	46	0	66	0	74	0	91	0	0	0	0	0	19	0	91	328	15	0	66	323	351	0	37	315	359	0	39	324	0	0	0	0	0	0
1700	40	0	61	0	78	0	89	0	0	0	0	0	31	0	106	344	28	0	75	334	359	0	26	333	9	0	48	344	0	0	0	0	0	0
1800	56	0	76	0	93	0	103	0	0	0	0	0	33	0	96	354	30	0	84	351	10	0	37	349	22	0	53	353	0	0	0	0	0	0
1900	52	0	77	0	101	0	113	0	0	0	0	0	41	0	82	341	41	0	77	6	19	0	36	7	31	0	54	18	0	0	0	0	0	0
2000	21	0	45	0	50	0	75	0	0	0	0	0	71	3	95	41	74	0	105	55	37	0	46	23	53	0	60	43	0	0	0	0	0	0
2100	43	0	63	0	84	0	96	0	0	0	0	0	103	0	119	90	104	0	118	94	68	0	77	63	80	0	87	13	0	0	0	0	0	0.
2200	64	0	85	0	139	0	151	0	0	0	0	0	121	0	147	115	125	0	145	116	101	0	105	98	114	0	117	108	0	0	0	0	0	0
2300	70	0	99	0	129	0	149	0	0	0	0	0	125	0	171	100	131	0	163	100	113	0	125	99	127	0	140	112	0	0	0	0	0	0
2400	50	0	77	0	137	0	150	0	0	0	0	0	130	0	170	85	134	0	176	88	130	0	145	112	143	0	156	127	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	680	0	687	0	732	0	725	0	320	2	320	2	52	0	40	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
200	682	0	689	0	757	0	754	0	320	2	320	2	76	0	63	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	689	0	691	0	779	0	772	0	320	2	320	2	94	0	81	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	660	0	667	0	739	0	732	0	320	2	320	2	79	0	67	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	642	0	649	0	709	0	705	0	320	2	320	2	65	0	56	0	0	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	666	0	671	0	730	0	725	0	320	2	320	2	67	0	54	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	684	0	691	0	714	0	709	0	320	2	320	2	31	0	18	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
800	666	0	0	2	0	2	0	2	0	2	0	2	35	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	744	0	847	2	829	2	817	2	320	2	320	2	-18	0	-29	0	0	2	0	2	85	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1000	778	0	0	2	0	2	0	2	0	2	0	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	853	0	0	2	0	2	0	2	0	2	0	2	-31	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	809	0	0	2	0	2	0	2	0	2	0	2	52	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	853	0	0	2	0	2	0	2	0	2	0	2	-2	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	860	0	0	2	0	2	0	2	0	2	0	2	-22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	873	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	826	0	837	0	820	0	810	0	320	2	320	2	-5	0	-25	0	0	2	0	2	92	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1700	837	0	846	0	835	0	824	0	320	2	320	2	0	0	-20	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1800	815	0	822	0	820	0	813	0	320	2	320	2	7	0	-9	0	0	2	0	2	80	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1900	817	0	824	0	820	0	813	0	320	2	320	2	5	0	-9	0	0	2	0	2	80	2.	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2000	788	0	795	0	808	0	804	0	320	2	320	2	20	0	9	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2100	766	0	774	0	801	0	795	0	320	2	320	2	36	0	22	0	0	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2200	752	0	757	0	801	0	795	0	320	2	320	2	49	0	38	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2300	757	0	763	0	774	0	766	0	320	2	320	2	16	0	4	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2400	748	0	756	0	757	0	752	0	320	2	320	2	9	0	-4	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0

ST[illegible] CODE(S) DEFINITIONS. 0 = VALID, 1 = QUESTIONABLE, 2 = [illegible]ALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
RE[illegible]G RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, D[illegible]ION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]Y

DIGITAL GRAPHICS INCORPORATED — REF COOK — METEOROLOGICAL DATA

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	64	0	86	0	162	0	189	0	0	0	0	0	137	0	190	95	136	0	171	88	131	0	146	113	144	0	169	134	0	0	0	0	0	0
200	51	0	75	0	144	0	158	0	0	0	0	0	136	0	176	87	139	0	181	94	132	0	147	116	146	0	154	124	0	0	0	0	0	0
300	42	0	66	0	138	0	154	0	0	0	0	0	126	0	164	68	131	0	163	89	134	0	145	124	148	0	162	141	0	0	0	0	0	0
400	39	0	65	0	140	0	156	0	0	0	0	0	128	0	173	84	135	0	161	86	135	0	144	125	148	0	152	140	0	0	0	0	0	0
500	36	0	58	0	126	0	145	0	0	0	0	0	134	0	201	94	137	0	178	69	141	0	156	125	155	0	171	140	0	0	0	0	0	0
600	18	0	41	0	73	0	89	0	0	0	0	0	124	0	172	84	126	0	179	62	134	0	148	107	147	0	189	122	0	0	0	0	0	0
700	34	0	57	0	107	0	127	0	0	0	0	0	154	0	237	94	156	0	253	95	146	0	178	112	160	0	180	138	0	0	0	0	0	0
800	40	0	57	0	99	0	116	0	0	0	0	0	155	0	229	91	154	0	213	90	146	0	171	108	160	0	190	130	0	0	0	0	0	0
900	28	0	41	0	64	0	80	0	0	0	0	0	164	3	250	95	161	0	261	92	154	0	190	107	167	0	219	122	0	0	0	0	0	0
1000	25	0	25	0	34	0	45	0	0	0	0	0	177	3	264	90	169	3	255	91	161	0	246	105	172	0	220	122	0	0	0	0	0	0
1100	34	0	48	0	52	0	62	0	0	0	0	0	252	0	293	208	251	0	289	214	229	0	266	198	238	0	269	206	0	0	0	0	0	0
1200	44	0	67	0	54	0	78	0	0	0	0	0	263	0	298	217	263	0	303	227	242	0	247	233	250	0	258	197	0	0	0	0	0	0
1300	43	0	66	0	49	0	69	0	0	0	0	0	266	0	309	236	264	0	310	225	250	0	270	225	256	0	284	183	0	0	0	0	0	0
1400	31	0	52	0	43	0	61	0	0	0	0	0	281	0	335	240	281	0	339	240	262	0	288	232	272	0	347	236	0	0	0	0	0	0
1500	21	0	37	0	48	0	66	0	0	0	0	0	295	0	345	231	293	0	352	202	284	0	324	258	291	0	339	262	0	0	0	0	0	0
1600	32	0	50	0	51	0	67	0	0	0	0	0	333	0	87	272	325	0	356	231	317	0	338	253	324	0	341	270	0	0	0	0	0	0
1700	25	0	25	0	27	0	40	0	0	0	0	0	8	0	151	272	13	3	156	275	343	3	49	288	348	0	50	303	0	0	0	0	0	0
1800	25	0	39	0	31	0	44	0	0	0	0	0	41	3	92	353	35	0	116	331	18	0	56	341	30	0	67	355	0	0	0	0	0	0
1900	36	0	56	0	65	0	76	0	0	0	0	0	33	0	67	6	32	0	63	359	14	0	43	0	25	0	57	13	0	0	0	0	0	0
2000	33	0	54	0	64	0	89	0	0	0	0	0	77	0	96	59	77	0	95	60	43	0	53	33	57	0	64	51	0	0	0	0	0	0
2100	23	0	42	0	66	0	77	0	0	0	0	0	96	3	114	62	97	0	122	85	57	0	75	53	71	0	78	44	0	0	0	0	0	0
2200	30	0	54	0	97	0	110	0	0	0	0	0	135	0	168	88	141	0	187	105	117	0	128	102	129	0	141	116	0	0	0	0	0	0
2300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
2400	37	0	58	0	135	0	149	0	0	0	0	0	146	0	209	97	149	0	193	99	146	0	166	125	159	0	177	139	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	730	0	736	0	739	0	732	0	320	2	320	2	9	0	-5	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
200	711	0	716	0	720	0	714	0	320	2	320	2	11	0	2	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
300	691	0	698	0	711	0	705	0	320	2	320	2	22	0	7	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
400	678	0	684	0	702	0	696	0	320	2	320	2	25	0	11	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	667	0	673	0	697	0	680	0	320	2	320	2	20	0	7	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
600	660	0	666	0	673	0	667	0	320	2	320	2	14	0	2	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
700	691	0	698	0	691	0	685	0	320	2	320	2	0	0	-14	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
800	739	0	745	0	723	0	716	0	320	2	320	2	-14	0	-29	0	0	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
900	786	0	792	0	761	0	756	0	320	2	320	2	-25	0	-38	0	0	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1000	835	0	842	0	804	0	799	0	320	2	320	2	-29	0	-43	0	0	2	0	2	85	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1100	842	0	846	0	837	0	828	0	320	2	320	2	-4	0	-16	0	0	2	0	2	85	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1200	846	0	849	0	847	0	838	0	320	2	320	2	4	0	-9	0	0	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1300	865	0	869	0	851	0	844	0	320	2	320	2	-13	0	-25	0	0	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1400	836	0	828	0	828	0	819	0	320	2	320	2	-29	0	-40	0	0	2	0	2	80	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1500	853	0	855	0	833	0	822	0	320	2	320	2	-18	0	-32	0	0	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1600	849	0	856	0	846	0	835	0	320	2	320	2	-2	0	-22	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1700	853	0	862	0	846	0	835	0	320	2	320	2	-5	0	-27	0	0	2	0	2	89	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1800	864	0	871	0	856	0	847	0	320	2	320	2	-7	0	-23	0	0	2	0	2	90	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1900	840	0	849	0	851	0	846	0	320	2	320	2	11	0	-4	0	0	2	0	2	85	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2000	806	0	811	0	819	0	811	0	320	2	320	2	13	0	2	0	0	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2100	768	0	775	0	810	0	806	0	320	2	320	2	41	0	31	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2200	768	0	775	0	815	0	810	0	320	2	320	2	47	0	34	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2300	754	0	759	0	801	0	793	0	320	2	320	2	47	0	36	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2400	747	0	754	0	779	0	774	0	320	2	320	2	34	0	20	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	40	0	58	0	151	0	150	0	0	0	0	0	186	0	248	118	174	0	259	92	169	0	180	154	180	0	191	162	0	0	0	0	0	0
200	28	0	49	0	136	0	132	0	0	0	0	0	156	0	246	102	162	0	220	93	170	0	178	165	181	0	188	173	0	0	0	0	0	0
300	30	0	50	0	115	0	127	0	0	0	0	0	144	0	200	96	154	0	194	111	165	0	168	156	176	0	181	173	0	0	0	0	0	0
400	23	0	44	0	102	0	105	0	0	0	0	0	150	0	192	106	151	0	195	107	167	0	178	157	178	0	185	173	0	0	0	0	0	0
500	43	0	63	0	88	0	83	0	0	0	0	0	153	0	169	135	155	0	168	140	175	0	180	168	187	0	193	179	0	0	0	0	0	0
600	37	0	56	0	105	0	99	0	0	0	0	0	154	0	186	114	156	0	193	124	176	0	180	168	187	0	192	180	0	0	0	0	0	0
700	14	0	34	0	93	0	92	0	0	0	0	0	141	0	197	92	143	0	194	96	170	0	210	157	182	0	191	170	0	0	0	0	0	0
800	10	0	10	0	91	2	17	0	0	0	0	0	201	0	267	112	197	3	267	116	162	0	216	92	172	0	223	90	0	0	0	0	0	0
900	21	0	21	0	19	0	30	0	0	0	0	0	240	0	330	180	212	3	268	100	171	0	233	103	183	0	234	130	0	0	0	0	0	0
1000	25	0	25	0	26	0	33	0	0	0	0	0	251	3	348	182	257	3	351	182	183	0	257	109	191	0	260	98	0	0	0	0	0	0
1100	24	0	43	0	38	0	48	0	0	0	0	0	258	0	297	207	257	0	312	214	223	0	257	193	231	0	264	194	0	0	0	0	0	0
1200	16	0	37	0	27	0	46	0	0	0	0	0	296	0	333	258	290	0	326	238	248	0	276	219	254	0	289	203	0	0	0	0	0	0
1300	23	0	38	0	30	0	37	0	0	0	0	0	244	0	291	204	241	0	271	196	213	0	243	192	224	0	241	198	0	0	0	0	0	0
1400	24	0	41	0	31	0	44	0	0	0	0	0	256	0	293	223	253	0	296	220	239	0	281	215	248	0	358	208	0	0	0	0	0	0
1500	23	0	44	0	51	0	65	0	0	0	0	0	330	3	28	275	328	0	47	274	303	0	334	274	309	0	349	290	0	0	0	0	0	0
1600	17	0	32	0	29	0	42	0	0	0	0	0	341	3	118	271	339	0	92	291	330	0	26	284	340	0	34	290	0	0	0	0	0	0
1700	43	0	53	0	77	0	81	0	0	0	0	0	32	0	85	309	24	0	62	336	11	0	46	344	16	0	44	339	0	0	0	0	0	0
1800	43	0	53	0	84	0	85	0	0	0	0	0	44	0	88	13	37	0	74	9	20	0	27	7	26	0	30	17	0	0	0	0	0	0
1900	33	0	49	0	55	0	69	0	0	0	0	0	56	0	77	30	50	0	78	27	38	0	48	29	48	0	57	42	0	0	0	0	0	0
2000	39	0	50	0	78	0	82	0	0	0	0	0	44	0	81	13	37	0	63	4	28	0	39	18	35	0	49	14	0	0	0	0	0	0
2100	63	0	70	0	101	0	103	0	0	0	0	0	39	0	83	13	32	0	85	7	16	0	37	355	22	0	42	359	0	0	0	0	0	0
2200	39	0	47	0	72	0	75	0	0	0	0	0	113	0	131	87	110	0	140	83	78	0	95	60	87	0	131	70	0	0	0	0	0	0
2300	11	0	23	0	35	0	41	0	0	0	0	0	158	0	197	127	154	0	185	127	129	0	142	108	137	0	150	122	0	0	0	0	0	0
2400	22	0	36	0	68	0	73	0	0	0	0	0	142	0	172	114	141	0	172	122	126	0	132	97	134	0	140	114	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEM6	S	D. T. 1 180A	S	D. T. 1 180B	S	D. T. 2	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	752	0	759	0	793	0	788	0	320	2	320	2	43	0	29	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
200	723	0	730	0	790	0	784	0	320	2	320	2	67	0	54	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
300	702	0	709	0	783	0	775	0	320	2	320	2	81	0	68	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
400	696	0	703	0	781	0	774	0	320	2	320	2	85	0	72	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
500	689	0	696	0	774	0	768	0	320	2	320	2	86	0	72	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
600	682	0	689	0	784	0	777	0	320	2	320	2	103	0	88	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
700	705	0	711	0	772	0	766	0	320	2	320	2	70	0	54	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
800	763	0	770	0	754	0	747	0	320	2	320	2	-9	0	-23	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
900	804	0	810	0	784	0	777	0	320	2	320	2	-18	0	-31	0	0	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1000	846	0	849	0	822	0	817	0	320	2	320	2	-20	0	-31	0	0	2	0	2	90	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1100	842	0	846	0	842	0	833	0	320	2	320	2	0	0	-13	0	0	2	0	2	87	2	0	2	0	2	0	2	0	2	0	2	0	2	100	0
1200	817	0	817	0	820	0	811	0	320	2	320	2	5	0	-5	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1300	806	0	810	0	801	0	792	0	320	2	320	2	-5	0	-18	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1400	831	0	833	0	831	0	822	0	320	2	320	2	0	0	-9	0	0	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1500	790	0	793	0	786	0	777	0	320	2	320	2	-2	0	-16	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1600	828	0	835	0	826	0	815	0	320	2	320	2	0	0	-18	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1700	817	0	820	0	817	0	808	0	320	2	320	2	2	0	-13	0	0	2	0	2	80	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1800	795	0	801	0	806	0	799	0	320	2	320	2	11	0	2	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1900	786	0	792	0	795	0	788	0	320	2	320	2	11	0	2	0	0	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2000	784	0	790	0	792	0	784	0	320	2	320	2	9	0	-4	0	0	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2100	784	0	790	0	786	0	779	0	320	2	320	2	4	0	-9	0	0	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
2200	763	0	766	0	772	0	765	0	320	2	320	2	13	0	0	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
2300	750	0	756	0	763	0	756	0	320	2	320	2	14	0	2	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
2400	732	0	738	0	766	0	761	0	320	2	320	2	36	0	25	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0

[illegible]S CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, [illegible]NVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
[illegible]TING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED .1MPH [illegible]ECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .0[illegible]GLEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	23	0	33	0	53	0	59	0	0	0	0	0	116	0	128	91	113	0	127	85	111	0	131	97	119	0	140	105	0	0	0	0	0	0
200	9	0	20	0	31	0	37	0	0	0	0	0	155	0	197	120	152	0	214	117	108	0	121	96	117	0	128	104	0	0	0	0	0	0
300	27	0	40	0	74	0	81	0	0	0	0	0	142	0	191	118	140	0	177	125	147	0	163	131	154	0	170	142	0	0	0	0	0	0
400	40	0	48	0	102	0	100	0	0	0	0	0	206	0	252	124	198	0	262	155	211	0	221	197	215	0	226	200	0	0	0	0	0	0
500	37	0	48	0	73	0	72	0	0	0	0	0	194	0	234	132	190	0	236	142	219	0	230	206	224	0	232	207	0	0	0	0	0	0
600	27	0	37	0	84	0	75	0	0	0	0	0	187	0	243	131	184	0	258	131	194	0	206	185	199	0	212	191	0	0	0	0	0	0
700	20	0	20	0	64	0	61	0	0	0	0	0	180	3	256	90	175	3	250	94	180	0	196	164	186	0	198	153	0	0	0	0	0	0
800	10	0	10	0	30	0	36	0	0	0	0	0	180	0	266	90	169	3	263	94	170	0	219	127	177	0	217	149	0	0	0	0	0	0
900	21	0	32	0	45	0	50	0	0	0	0	0	173	0	268	90	156	0	269	102	163	0	199	131	169	0	198	137	0	0	0	0	0	0
1000	14	0	14	0	11	0	16	0	0	0	0	0	27	3	161	277	26	3	114	298	30	3	177	274	34	3	166	274	0	0	0	0	0	0
1100	17	0	27	0	23	0	28	0	0	0	0	0	302	0	355	250	293	3	339	241	279	0	332	198	280	0	316	180	0	0	0	0	0	0
1200	22	0	28	0	39	0	46	0	0	0	0	0	313	3	351	221	310	3	359	202	319	0	344	258	322	0	3	284	0	0	0	0	0	0
1300	26	0	35	0	29	0	32	0	0	0	0	0	268	0	315	186	261	0	330	202	236	0	286	190	241	0	317	189	0	0	0	0	0	0
1400	22	0	29	0	31	0	38	0	0	0	0	0	349	3	136	270	358	3	176	274	344	0	132	275	347	0	150	271	0	0	0	0	0	0
1500	51	0	63	0	71	0	76	0	0	0	0	0	48	0	125	4	42	0	115	1	23	0	53	344	29	0	58	351	0	0	0	0	0	0
1600	81	0	92	0	126	0	135	0	0	0	0	0	82	0	138	25	81	0	168	35	62	0	87	30	69	0	93	42	0	0	0	0	0	0
1700	80	0	95	0	105	0	110	0	0	0	0	0	127	0	166	93	125	0	163	98	113	0	132	85	121	0	143	93	0	0	0	0	0	0
1800	43	0	59	0	104	0	112	0	0	0	0	0	136	0	184	97	133	0	180	90	135	0	158	104	144	0	164	121	0	0	0	0	0	0
1900	59	0	65	0	97	0	100	0	0	0	0	0	111	0	141	60	108	0	139	76	90	0	105	62	101	0	128	89	0	0	0	0	0	0
2000	69	0	80	0	92	0	93	0	0	0	0	0	126	0	148	86	123	0	146	62	109	0	127	83	121	0	162	95	0	0	0	0	0	0
2100	72	0	85	0	99	0	105	0	0	0	0	0	128	0	169	104	125	0	156	101	114	0	128	99	124	0	152	107	0	0	0	0	0	0
2200	78	0	86	0	110	0	114	0	0	0	0	0	124	0	146	71	127	0	154	93	111	0	120	97	120	0	137	106	0	0	0	0	0	0
2300	94	0	106	0	128	0	138	0	0	0	0	0	127	0	148	92	125	0	157	88	114	0	127	100	123	0	132	109	0	0	0	0	0	0
2400	75	0	94	0	117	0	130	0	0	0	0	0	128	0	159	103	127	0	154	82	120	0	139	107	130	0	144	114	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	723	0	727	0	766	0	763	0	320	2	320	2	47	0	36	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
200	723	0	730	0	752	0	748	0	320	2	320	2	31	0	18	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
300	691	0	696	0	734	0	729	0	320	2	320	2	45	0	34	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
400	682	0	689	0	730	0	723	0	320	2	320	2	49	0	36	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
500	691	0	696	0	725	0	720	0	320	2	320	2	36	0	25	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
600	693	0	698	0	720	0	714	0	320	2	320	2	29	0	16	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
700	702	0	705	0	707	0	700	0	320	2	320	2	7	0	-5	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
800	721	0	727	0	714	0	707	0	320	2	320	2	-5	0	-18	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
900	763	0	768	0	741	0	732	0	320	2	320	2	-22	0	-32	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1000	781	0	786	0	770	0	759	0	320	2	320	2	-9	0	-25	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1100	792	0	793	0	784	0	774	0	320	2	320	2	-5	0	-18	0	0	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1200	774	0	775	0	763	0	752	0	320	2	320	2	-9	0	-22	0	0	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1300	786	0	788	0	770	0	763	0	320	2	320	2	-14	0	-23	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1400	835	0	838	0	804	0	792	0	320	2	320	2	-29	0	-45	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	96	6
1500	783	0	788	0	777	0	768	0	320	2	320	2	-4	0	-20	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1600	804	0	806	0	763	0	756	0	320	2	320	2	-38	0	-50	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	96	0
1700	756	0	761	0	748	0	741	0	320	2	320	2	-7	0	-18	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	97	0
1800	700	0	703	0	698	0	693	0	320	2	320	2	2	0	-9	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	108	0
1900	712	0	718	0	714	0	707	0	320	2	320	2	4	0	-9	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
2000	711	0	716	0	711	0	703	0	320	2	320	2	2	0	-11	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	109	6
2100	703	0	709	0	707	0	700	0	320	2	320	2	4	0	-7	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
2200	702	0	707	0	703	0	698	0	320	2	320	2	4	0	-7	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	109	6
2300	705	0	711	0	705	0	700	0	320	2	320	2	4	0	-9	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	111	0
2400	707	0	712	0	707	0	702	0	320	2	320	2	2	0	-9	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	111	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK METEOROLOGICAL DATA FOR JUNE

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	82	0	98	0	119	0	128	0	0	0	0	0	129	0	166	103	127	0	151	95	118	0	128	106	128	0	138	119	0	0	0	0	0	0
200	62	0	80	0	120	0	127	0	0	0	0	0	131	0	176	97	129	0	169	84	125	0	149	105	134	0	149	117	0	0	0	0	0	0
300	49	0	64	0	87	0	93	0	0	0	0	0	131	0	164	96	129	0	168	105	124	0	140	116	134	0	149	122	0	0	0	0	0	0
400	61	0	66	0	93	0	97	0	0	0	0	0	121	0	150	92	119	0	144	84	106	0	124	83	117	0	146	92	0	0	0	0	0	0
500	40	0	54	0	77	0	82	0	0	0	0	0	132	0	182	98	131	0	166	90	124	0	151	107	134	0	149	116	0	0	0	0	0	0
600	29	0	44	0	58	0	64	0	0	0	0	0	133	0	187	96	130	0	182	91	123	0	138	106	133	0	159	118	0	0	0	0	0	0
700	24	0	39	0	56	0	62	0	0	0	0	0	140	0	214	103	136	0	209	90	137	0	162	107	147	0	171	120	0	0	0	0	0	0
800	20	0	31	0	54	0	59	0	0	0	0	0	179	0	261	101	176	0	250	105	169	0	199	149	176	0	201	152	0	0	0	0	0	0
900	25	0	31	0	47	0	49	0	0	0	0	0	245	0	316	187	240	0	301	184	214	0	253	178	219	0	259	187	0	0	0	0	0	0
1000	58	0	58	0	85	0	80	0	0	0	0	0	245	0	293	204	240	0	315	209	219	0	243	176	224	0	255	198	0	0	0	0	0	0
1100	85	0	82	0	118	0	121	0	0	0	0	0	251	0	293	216	245	0	277	217	235	0	242	218	240	0	252	216	0	0	0	0	0	0
1200	42	0	49	0	56	0	56	0	0	0	0	0	258	0	306	181	249	0	316	202	225	0	271	183	231	0	265	190	0	0	0	0	0	0
1300	51	0	57	0	64	0	65	0	0	0	0	0	250	0	302	186	247	0	317	194	228	0	277	196	233	0	296	193	0	0	0	0	0	0
1400	71	0	73	0	106	0	109	0	0	0	0	0	252	0	278	216	245	0	281	192	235	0	256	221	239	0	271	216	0	0	0	0	0	0
1500	60	0	72	0	74	0	85	0	0	0	0	0	277	0	310	233	266	0	308	224	250	0	266	199	254	0	272	205	0	0	0	0	0	0
1600	18	0	29	0	34	0	40	0	0	0	0	0	305	3	359	249	301	3	356	224	298	0	341	269	301	0	344	276	0	0	0	0	0	0
1700	26	0	35	0	42	0	47	0	0	0	0	0	330	3	35	270	325	0	42	271	319	0	346	235	320	0	344	227	0	0	0	0	0	0
1800	9	0	17	0	19	0	24	0	0	0	0	0	15	3	119	280	9	3	113	290	2	3	150	278	4	3	98	281	0	0	0	0	0	0
1900	16	0	16	0	18	0	19	0	0	0	0	0	15	0	76	306	7	3	56	312	352	3	27	271	356	3	42	288	0	0	0	0	0	0
2000	10	0	23	0	22	0	30	0	0	0	0	0	75	3	110	32	69	3	117	34	52	3	72	38	62	3	78	41	0	0	0	0	0	0
2100	12	0	22	0	28	0	35	0	0	0	0	0	154	0	190	122	150	0	185	119	152	0	166	139	159	0	174	144	0	0	0	0	0	0
2200	30	0	36	0	48	0	49	0	0	0	0	0	210	0	255	176	204	0	247	168	181	0	231	142	186	0	231	158	0	0	0	0	0	0
2300	16	0	16	0	19	0	22	0	0	0	0	0	194	0	259	147	185	3	257	128	213	0	266	183	218	0	285	188	0	0	0	0	0	0
2400	22	0	29	0	19	0	26	0	0	0	0	0	249	0	279	216	240	0	263	204	260	0	286	218	263	0	288	217	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	707	0	712	0	707	0	702	0	320	2	320	2	2	0	-9	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	110	6
200	707	0	712	0	707	0	702	0	320	2	320	2	2	0	-11	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	111	0
300	702	0	707	0	703	0	698	0	320	2	320	2	4	0	-9	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	111	0
400	698	0	703	0	698	0	693	0	320	2	320	2	2	0	-9	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
500	698	0	705	0	702	0	696	0	320	2	320	2	5	0	-7	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
600	703	0	709	0	703	0	698	0	320	2	320	2	2	0	-9	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
700	711	0	716	0	709	0	702	0	320	2	320	2	0	0	-13	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
800	723	0	729	0	714	0	709	0	320	2	320	2	-7	0	-20	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
900	725	0	729	0	718	0	712	0	320	2	320	2	-5	0	-16	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1000	723	0	729	0	716	0	709	0	320	2	320	2	-7	0	-18	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1100	738	0	739	0	738	0	730	0	320	2	320	2	2	0	-9	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1200	745	0	748	0	734	0	727	0	320	2	320	2	-9	0	-20	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1300	786	0	786	0	757	0	750	0	320	2	320	2	-27	0	-34	0	0	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	115	0
1400	747	0	748	0	747	0	738	0	320	2	320	2	2	0	-9	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	113	6
1500	790	0	790	0	788	0	779	0	320	2	320	2	0	0	-9	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1600	802	0	802	0	781	0	770	0	320	2	320	2	-18	0	-32	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1700	811	0	813	0	804	0	793	0	320	2	320	2	-4	0	-20	0	0	2	0	2	80	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1800	813	0	817	0	801	0	789	0	320	2	320	2	-13	0	-29	0	0	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
1900	801	0	804	0	795	0	786	0	320	2	320	2	-4	0	-18	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
2000	743	0	750	0	754	0	750	0	320	2	320	2	13	0	2	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
2100	738	0	743	0	743	0	736	0	320	2	320	2	7	0	-5	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
2200	734	0	741	0	748	0	741	0	320	2	320	2	14	0	2	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
2300	729	0	734	0	734	0	729	0	320	2	320	2	9	0	-4	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
2400	718	0	721	0	729	0	723	0	320	2	320	2	14	0	2	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0

S [illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 [illegible] VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
R[illegible]ING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MPH, [illegible]TION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	53	0	65	0	71	0	82	0	0	0	0	0	267	0	307	243	259	0	302	222	265	0	300	254	268	0	305	253	0	0	0	0	0	0
200	27	0	40	0	40	0	47	0	0	0	0	0	319	0	353	292	312	0	348	276	309	0	321	296	310	0	330	297	0	0	0	0	0	0
300	52	0	62	0	72	0	82	0	0	0	0	0	305	0	347	274	294	0	322	261	290	0	299	276	293	0	301	284	0	0	0	0	0	0
400	55	0	65	0	82	0	91	0	0	0	0	0	307	0	10	270	298	0	335	233	296	0	309	285	298	0	308	285	0	0	0	0	0	0
500	36	0	47	0	57	0	65	0	0	0	0	0	321	0	25	271	312	0	354	258	310	0	342	296	312	0	336	294	0	0	0	0	0	0
600	48	0	61	0	91	0	97	0	0	0	0	0	328	0	7	276	315	0	351	235	315	0	331	274	318	0	341	288	0	0	0	0	0	0
700	63	0	73	0	98	0	100	0	0	0	0	0	320	0	2	274	308	0	339	263	308	0	342	296	310	0	339	288	0	0	0	0	0	0
800	55	0	67	0	88	0	93	0	0	0	0	0	323	0	19	271	312	0	342	265	314	0	333	296	318	0	353	296	0	0	0	0	0	0
900	77	0	88	0	126	0	131	0	0	0	0	0	322	0	356	259	314	0	11	274	311	0	334	288	314	0	340	293	0	0	0	0	0	0
1000	52	0	63	0	80	0	83	0	0	0	0	0	324	0	4	271	315	0	1	275	310	0	333	265	313	0	341	274	0	0	0	0	0	0
1100	30	0	41	0	49	0	49	0	0	0	0	0	348	3	71	271	340	0	52	291	329	0	19	310	331	0	35	296	0	0	0	0	0	0
1200	46	0	51	0	95	0	93	0	0	0	0	0	355	0	119	289	353	0	97	298	341	0	29	307	345	0	52	301	0	0	0	0	0	0
1300	50	0	59	0	88	0	86	0	0	0	0	0	354	0	59	299	345	0	57	282	342	0	19	310	346	0	25	318	0	0	0	0	0	0
1400	65	0	79	0	116	0	125	0	0	0	0	0	343	0	67	274	333	0	44	287	327	0	351	300	329	0	351	312	0	0	0	0	0	0
1500	85	0	97	0	123	0	132	0	0	0	0	0	328	0	18	271	319	0	18	270	314	0	334	277	316	0	346	284	0	0	0	0	0	0
1600	53	0	61	0	94	0	101	0	0	0	0	0	337	0	174	276	322	0	22	273	319	0	342	277	320	0	344	272	0	0	0	0	0	0
1700	60	0	73	0	96	0	103	0	0	0	0	0	345	0	21	299	337	0	17	280	330	0	5	287	333	0	349	298	0	0	0	0	0	0
1800	57	0	68	0	88	0	94	0	0	0	0	0	342	0	32	289	333	0	34	290	330	0	353	297	333	0	356	308	0	0	0	0	0	0
1900	41	0	51	0	66	0	72	0	0	0	0	0	352	0	53	288	344	0	47	291	342	0	30	320	346	0	48	311	0	0	0	0	0	0
2000	33	0	46	0	67	0	71	0	0	0	0	0	10	0	81	292	359	0	66	297	349	0	27	308	354	0	24	327	0	0	0	0	0	0
2100	83	0	91	0	117	0	120	0	0	0	0	0	35	0	59	1	30	0	73	4	16	0	38	356	23	0	61	356	0	0	0	0	0	0
2200	47	0	56	0	86	0	89	0	0	0	0	0	40	0	63	19	34	0	66	10	19	0	31	7	26	0	38	16	0	0	0	0	0	0
2300	35	0	51	0	74	0	90	0	0	0	0	0	71	0	99	42	63	0	96	29	38	0	42	29	47	0	54	41	0	0	0	0	0	0
2400	27	0	37	0	53	0	66	0	0	0	0	0	83	3	99	71	78	0	92	62	37	0	43	29	45	0	54	38	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	709	0	714	0	712	0	705	0	320	2	320	2	5	0	-7	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
200	702	0	705	0	705	0	698	0	320	2	320	2	5	0	-7	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
300	702	0	707	0	702	0	694	0	320	2	320	2	2	0	-11	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	113	0
400	702	0	707	0	700	0	694	0	320	2	320	2	0	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	114	0
500	700	0	705	0	698	0	693	0	320	2	320	2	0	0	-11	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	115	0
600	696	0	702	0	694	0	687	0	320	2	320	2	0	0	-13	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	115	0
700	696	0	702	0	693	0	687	0	320	2	320	2	0	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
800	700	0	705	0	698	0	691	0	320	2	320	2	0	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
900	687	0	693	0	687	0	680	0	320	2	320	2	2	0	-11	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1000	687	0	693	0	685	0	680	0	320	2	320	2	0	0	-13	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1100	689	0	694	0	687	0	680	0	320	2	320	2	2	0	-13	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1200	676	0	682	0	673	0	667	0	320	2	320	2	2	0	-13	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	123	0
1300	671	0	676	0	669	0	662	0	320	2	320	2	2	0	-14	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	120	6
1400	676	0	682	0	671	0	666	0	320	2	320	2	-2	0	-14	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1500	671	0	676	0	667	0	662	0	320	2	320	2	0	0	-14	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	680	0	685	0	673	0	666	0	320	2	320	2	-5	0	-20	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1700	675	0	680	0	669	0	664	0	320	2	320	2	-4	0	-16	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1800	673	0	678	0	669	0	664	0	320	2	320	2	-2	0	-14	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1900	673	0	678	0	669	0	664	0	320	2	320	2	-2	0	-14	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2000	678	0	684	0	675	0	669	0	320	2	320	2	-2	0	-13	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2100	680	0	685	0	678	0	671	0	320	2	320	2	2	0	-13	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2200	669	0	673	0	671	0	667	0	320	2	320	2	5	0	-7	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2300	651	0	657	0	667	0	662	0	320	2	320	2	18	0	5	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2400	644	0	651	0	675	0	671	0	320	2	320	2	32	0	22	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	20	0	31	0	30	0	40	0	0	0	0	0	52	3	66	41	47	0	39	38	33	3	42	29	44	0	52	37	0	0	0	0	0	0
200	14	0	14	0	17	0	23	0	0	0	0	0	6	0	31	312	359	3	27	304	4	3	17	341	12	3	20	342	0	0	0	0	0	0
300	33	0	45	0	48	0	56	0	0	0	0	0	310	0	323	285	301	0	325	270	299	0	309	288	301	0	306	294	0	0	0	0	0	0
400	41	0	54	0	58	0	67	0	0	0	0	0	330	0	7	295	321	0	347	282	313	0	323	298	314	0	325	301	0	0	0	0	0	0
500	15	0	25	0	28	0	34	0	0	0	0	0	315	0	340	261	308	0	332	250	296	0	301	277	299	0	305	277	0	0	0	0	0	0
600	25	0	38	0	40	0	47	0	0	0	0	0	331	0	0	287	320	0	343	278	312	0	322	301	314	0	322	302	0	0	0	0	0	0
700	25	0	14	0	69	0	24	0	0	0	0	0	323	0	289	354	90	3	130	21	28	0	12	50	13	3	41	351	0	0	0	0	0	0
800	34	0	0	2	69	0	0	2	0	2	0	2	331	0	300	9	0	2	0	0	28	0	16	43	0	2	0	0	0	2	0	0	0	2
900	25	0	0	2	63	0	0	2	0	2	0	2	83	0	51	125	0	2	0	0	30	0	24	42	0	2	0	0	0	2	0	0	0	2
1000	30	0	0	2	92	0	0	2	0	2	0	2	305	0	263	5	0	2	0	0	63	0	56	74	0	2	0	0	0	2	0	0	0	2
1100	40	0	0	2	111	0	0	2	0	2	0	2	311	0	277	359	0	2	0	0	66	0	66	66	0	2	0	0	0	2	0	0	0	2
1200	42	0	0	2	127	0	0	2	0	2	0	2	322	0	264	3	0	2	0	0	87	0	82	90	0	2	0	0	0	2	0	0	0	2
1300	46	0	0	2	123	0	0	2	0	2	0	2	308	0	255	357	0	2	0	0	100	0	100	100	0	2	0	0	0	2	0	0	0	2
1400	44	0	0	2	127	0	0	2	0	2	0	2	307	0	250	0	0	2	0	0	104	0	97	109	0	2	0	0	0	2	0	0	0	2
1500	50	0	59	0	70	0	74	0	0	0	0	0	308	0	347	245	298	0	355	251	303	0	330	284	304	0	322	285	0	0	0	0	0	0
1600	37	0	50	0	61	0	66	0	0	0	0	0	325	0	175	270	305	0	350	234	313	0	353	284	313	0	341	279	0	0	0	0	0	0
1700	43	0	53	0	61	0	69	0	0	0	0	0	305	0	14	271	293	0	352	240	292	0	308	276	294	0	343	266	0	0	0	0	0	0
1800	47	0	62	0	74	0	82	0	0	0	0	0	332	0	25	276	324	0	22	280	320	0	344	277	323	0	354	289	0	0	0	0	0	0
1900	26	0	30	0	42	0	47	0	0	0	0	0	44	3	116	0	33	3	134	339	3	0	50	308	8	0	88	297	0	0	0	0	0	0
2000	22	0	30	0	43	0	50	0	0	0	0	0	17	3	63	321	8	3	52	325	354	0	28	299	358	0	32	310	0	0	0	0	0	0
2100	29	0	42	0	54	0	65	0	0	0	0	0	58	3	97	27	51	0	74	13	33	0	42	7	40	0	52	23	0	0	0	0	0	0
2200	31	0	43	0	50	0	61	0	0	0	0	0	76	0	90	59	70	0	92	56	44	0	53	38	54	0	61	48	0	0	0	0	0	0
2300	47	0	56	0	70	0	82	0	0	0	0	0	100	0	121	88	94	0	110	85	54	0	62	50	64	0	69	29	0	0	0	0	0	0
2400	58	0	65	0	98	0	100	0	0	0	0	0	115	0	127	105	111	0	129	98.	75	0	76	72	84	0	86	81	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	639	0	646	0	684	0	678	0	320	2	320	2	45	0	34	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
200	649	0	657	0	669	0	664	0	320	2	320	2	22	0	9	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
300	660	0	666	0	666	0	662	0	320	2	320	2	7	0	-4	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
400	664	0	669	0	666	0	662	0	320	2	320	2	5	0	-5	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
500	658	0	664	0	664	0	660	0	320	2	320	2	5	0	-4	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
600	664	0	669	0	666	0	662	0	320	2	320	2	5	0	-5	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
700	659	0	667	0	682	0	675	0	320	2	320	2	3	0	9	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
800	666	0	0	2	0	2	0	2	0	2	0	2	18	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	693	0	0	2	0	2	0	2	0	2	0	2	-6	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	717	0	0	2	0	2	0	2	0	2	0	2	-12	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	717	0	0	2	0	2	0	2	0	2	0	2	-4	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	744	0	0	2	0	2	0	2	0	2	0	2	-7	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	737	0	0	2	0	2	0	2	0	2	0	2	-23	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	758	0	0	2	0	2	0	2	0	2	0	2	-22	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	770	0	774	0	741	0	730	0	320	2	320	2	-27	0	-41	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	772	0	775	0	743	0	732	0	320	2	320	2	-27	0	-41	0	0	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1700	757	0	761	0	734	0	723	0	320	2	320	2	-20	0	-34	0	0	2	0	2	76	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1800	745	0	750	0	730	0	721	0	320	2	320	2	-11	0	-27	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1900	739	0	745	0	736	0	727	0	320	2	320	2	-2	0	-16	0	0	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2000	718	0	723	0	720	0	714	0	320	2	320	2	4	0	-7	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2100	694	0	700	0	700	0	694	0	320	2	320	2	9	0	-4	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2200	676	0	684	0	716	0	711	0	320	2	320	2	40	0	29	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2300	684	0	691	0	718	0	714	0	320	2	320	2	38	0	25	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2400	673	0	680	0	720	0	714	0	320	2	320	2	47	0	36	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0

[redacted]S CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, [redacted]NVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

[redacted]TING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH [redacted]ECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .0[redacted]OLEY

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	68	0	75	0	118	0	118	0	0	0	0	0	130	0	149	118	127	0	141	106	95	0	99	84	105	0	157	92	0	0	0	0	0	0
200	65	0	80	0	118	0	120	0	0	0	0	0	136	0	149	120	134	0	151	124	107	0	110	105	115	0	120	113	0	0	0	0	0	0
300	53	0	72	0	132	0	134	0	0	0	0	0	135	0	160	108	135	0	154	120	111	0	118	108	120	0	136	117	0	0	0	0	0	0
400	73	0	79	0	140	0	140	0	0	0	0	0	125	0	131	115	124	0	131	107	99	0	99	97	109	0	136	105	0	0	0	0	0	0
500	53	0	75	0	129	0	131	0	0	0	0	0	137	0	150	117	136	0	154	118	124	0	129	119	133	0	138	129	0	0	0	0	0	0
600	29	0	39	0	77	0	71	0	0	0	0	0	193	0	257	109	188	0	242	112	182	0	207	171	188	0	211	172	0	0	0	0	0	0
700	31	0	38	0	92	0	82	0	0	0	0	0	205	0	259	133	200	0	248	129	195	0	207	175	200	0	209	187	0	0	0	0	0	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
900	57	0	68	0	55	0	65	0	0	0	0	0	270	0	292	235	262	0	274	230	253	0	280	233	256	0	280	237	0	0	0	0	0	0
1000	38	0	44	0	43	0	49	0	0	0	0	0	264	0	304	231	255	0	303	226	253	0	274	231	257	0	356	199	0	0	0	0	0	0
1100	41	0	50	0	55	0	62	0	0	0	0	0	309	0	4	280	296	0	359	251	293	0	307	276	295	0	337	282	0	0	0	0	0	0
1200	32	0	39	0	38	0	46	0	0	0	0	0	306	0	354	246	290	0	330	234	266	0	300	228	272	0	349	239	0	0	0	0	0	0
1300	46	0	56	0	59	0	68	0	0	0	0	0	309	0	29	273	298	0	349	258	282	0	293	270	284	0	301	264	0	0	0	0	0	0
1400	40	0	51	0	57	0	64	0	0	0	0	0	298	0	354	236	288	0	347	234	294	0	331	260	301	0	346	270	0	0	0	0	0	0
1500	37	0	48	0	56	0	64	0	0	0	0	0	336	0	110	270	314	0	357	218	311	0	351	268	317	0	2	273	0	0	0	0	0	0
1600	35	0	44	0	56	0	66	0	0	0	0	0	303	0	351	240	292	0	355	228	292	0	328	271	293	0	327	268	0	0	0	0	0	0
1700	25	0	34	0	42	0	50	0	0	0	0	0	298	0	351	222	288	0	352	222	296	0	346	253	298	0	349	267	0	0	0	0	0	0
1800	10	0	20	0	23	0	29	0	0	0	0	0	343	3	153	272	334	3	93	270	308	0	344	246	309	0	349	264	0	0	0	0	0	0
1900	8	0	8	0	56	2	9	0	0	0	0	0	278	0	358	180	275	3	349	191	251	0	358	181	266	0	329	180	0	0	0	0	0	0
2000	0	4	15	0	13	0	20	0	0	0	0	0	227	5	247	214	220	5	240	207	215	5	231	206	221	5	236	212	0	0	0	0	0	0
2100	22	0	34	0	35	0	40	0	0	0	0	0	168	0	190	154	163	0	177	150	166	0	178	159	173	0	185	164	0	0	0	0	0	0
2200	26	0	40	0	72	0	80	0	0	0	0	0	157	0	206	113	153	0	193	109	151	0	160	147	161	0	164	157	0	0	0	0	0	0
2300	30	0	43	0	74	0	70	0	0	0	0	0	189	0	231	124	182	0	227	139	171	0	173	167	176	0	180	174	0	0	0	0	0	0
2400	37	0	50	0	120	0	130	0	0	0	0	0	164	0	220	90	161	0	240	108	155	0	160	148	163	0	168	156	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	673	0	680	0	714	0	707	0	320	2	320	2	41	0	29	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
200	673	0	678	0	716	0	711	0	320	2	320	2	49	0	34	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
300	666	0	671	0	716	0	712	0	320	2	320	2	54	0	43	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
400	671	0	675	0	730	0	725	0	320	2	320	2	63	0	50	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
500	669	0	675	0	727	0	720	0	320	2	320	2	59	0	49	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
600	666	0	673	0	705	0	698	0	320	2	320	2	41	0	27	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
700	694	0	700	0	711	0	703	0	320	2	320	2	18	0	5	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
800	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	743	0	747	0	750	0	741	0	320	2	320	2	9	0	-4	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1000	761	0	763	0	768	0	761	0	320	2	320	2	11	0	0	0	0	2	0	2	72	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1100	774	0	775	0	770	0	757	0	320	2	320	2	2	0	-18	0	0	2	0	2	81	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1200	806	0	808	0	797	0	786	0	320	2	320	2	-5	0	-20	0	0	2	0	2	87	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1300	826	0	828	0	806	0	792	0	320	2	320	2	-18	0	-36	0	0	2	0	2	87	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1400	829	0	828	0	804	0	793	0	320	2	320	2	-22	0	-34	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1500	828	0	831	0	799	0	788	0	320	2	320	2	-29	0	-43	0	0	2	0	2	89	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1600	840	0	842	0	817	0	804	0	320	2	320	2	-23	0	-36	0	0	2	0	2	96	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1700	846	0	847	0	824	0	813	0	320	2	320	2	-20	0	-32	0	0	2	0	2	99	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1800	844	0	847	0	831	0	820	0	320	2	320	2	-11	0	-23	0	0	2	0	2	101	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1900	829	0	835	0	822	0	815	0	320	2	320	2	-5	0	-18	0	0	2	0	2	99	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2000	784	0	790	0	795	0	792	0	320	2	320	2	14	0	4	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2100	779	0	786	0	797	0	792	0	320	2	320	2	20	0	7	0	0	2	0	2	74	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2200	748	0	756	0	795	0	788	0	320	2	320	2	47	0	34	0	0	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2300	759	0	765	0	793	0	786	0	320	2	320	2	36	0	23	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
2400	721	0	727	0	779	0	774	0	320	2	320	2	59	0	47	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0

STATUS CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

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HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	35	0	46	0	145	0	133	0	0	0	0	0	178	0	235	105	175	0	237	93	177	0	183	170	184	0	192	174	0	0	0	0	0	0
200	41	0	48	0	139	0	123	0	0	0	0	0	205	0	257	142	203	0	264	103	192	0	206	182	199	0	209	192	0	0	0	0	0	0
300	46	0	50	0	134	0	117	0	0	0	0	0	204	0	246	130	202	0	251	140	194	0	205	182	200	0	209	190	0	0	0	0	0	0
400	43	0	51	0	132	0	116	0	0	0	0	0	207	0	269	129	205	0	254	124	192	0	205	178	198	0	210	186	0	0	0	0	0	0
500	44	0	50	0	131	0	113	0	0	0	0	0	204	0	268	141	201	0	265	160	196	0	206	185	201	0	206	192	0	0	0	0	0	0
600	37	0	48	0	132	0	119	0	0	0	0	0	200	0	261	141	195	0	253	110	189	0	197	181	195	0	204	182	0	0	0	0	0	0
700	36	0	44	0	118	0	111	0	0	0	0	0	201	0	257	101	199	0	268	99	184	0	205	163	193	0	208	175	0	0	0	0	0	0
800	40	0	52	0	108	0	107	0	0	0	0	0	191	0	269	111	187	0	261	91	175	0	203	148	184	0	216	166	0	0	0	0	0	0
900	36	0	50	0	74	0	72	0	0	0	0	0	197	0	268	95	196	0	266	99	175	0	253	101	185	0	215	143	0	0	0	0	0	0
1000	58	0	60	0	79	0	74	0	0	0	0	0	248	0	291	201	242	0	286	205	215	0	248	181	220	0	261	174	0	0	0	0	0	0
1100	71	0	80	0	93	0	105	0	0	0	0	0	281	0	340	230	274	0	338	224	260	0	297	234	263	0	298	186	0	0	0	0	0	0
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
1600	86	0	95	0	119	0	129	0	0	0	0	0	308	0	344	266	300	0	354	254	295	0	307	284	297	0	327	287	0	0	0	0	0	0
1700	83	0	90	0	130	0	138	0	0	0	0	0	302	0	349	267	292	0	338	253	293	0	299	284	295	0	304	287	0	0	0	0	0	0
1800	60	0	69	0	81	0	92	0	0	0	0	0	301	0	344	258	294	0	352	249	287	0	309	262	290	0	310	263	0	0	0	0	0	0
1900	129	0	136	0	184	0	190	0	0	0	0	0	313	0	2	276	303	0	356	255	301	0	321	287	302	0	322	293	0	0	0	0	0	0
2000	104	0	112	0	163	0	170	0	0	0	0	0	347	0	73	285	336	0	21	276	332	0	14	311	335	0	6	318	0	0	0	0	0	0
2100	119	0	133	0	186	0	194	0	0	0	0	0	349	0	26	304	341	0	24	298	334	0	353	319	338	0	1	318	0	0	0	0	0	0
2200	123	0	134	0	187	0	193	0	0	0	0	0	348	0	41	309	340	0	34	292	332	0	6	299	336	0	12	291	0	0	0	0	0	0
2300	73	0	88	0	121	0	129	0	0	0	0	0	340	0	70	270	330	0	33	284	320	0	355	266	324	0	15	291	0	0	0	0	0	0
2400	104	0	112	0	145	0	151	0	0	0	0	0	316	0	349	246	308	0	343	267	302	0	322	288	305	0	322	293	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3	S	D.T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	718	0	723	0	781	0	775	0	320	2	320	2	65	0	52	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
200	718	0	723	0	756	0	748	0	320	2	320	2	40	0	25	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
300	711	0	716	0	792	0	745	0	320	2	320	2	43	0	29	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
400	705	0	711	0	736	0	729	0	320	2	320	2	32	0	20	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
500	694	0	700	0	738	0	730	0	320	2	320	2	47	0	32	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
600	687	0	693	0	721	0	716	0	320	2	320	2	36	0	23	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
700	711	0	716	0	718	0	712	0	320	2	320	2	11	0	-2	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
800	739	0	745	0	736	0	729	0	320	2	320	2	2	0	-14	0	0	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
900	795	0	799	0	772	0	766	0	320	2	320	2	-20	0	-31	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1000	826	0	826	0	799	0	792	0	320	2	320	2	-25	0	-34	0	0	2	0	2	94	2	0	2	0	2	0	2	0	2	0	2	0	2	120	0
1100	808	0	808	0	793	0	784	0	320	2	320	2	-13	0	-23	0	0	2	0	2	83	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	711	0	714	0	703	0	694	0	320	2	320	2	-5	0	-18	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	705	0	709	0	696	0	689	0	320	2	320	2	-5	0	-18	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	734	0	738	0	725	0	716	0	320	2	320	2	-7	0	-20	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	707	0	712	0	703	0	698	0	320	2	320	2	-2	0	-14	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2000	678	0	684	0	676	0	669	0	320	2	320	2	-2	0	-14	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2100	669	0	675	0	666	0	660	0	320	2	320	2	-2	0	-14	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2200	671	0	675	0	666	0	660	0	320	2	320	2	-2	0	-14	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2300	671	0	675	0	669	0	666	0	320	2	320	2	2	0	-9	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	125	6
2400	671	0	675	0	667	0	664	0	320	2	320	2	2	0	-11	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0

[illegible]US CODE(S) DEFINITIONS..0 = VALID, 1 = QUESTIONABLE, [illegible]NVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

[illegible]RTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED .1MP[illegible]ECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION [illegible]GLEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	110	0	118	0	131	0	160	0	0	0	0	0	314	0	347	265	306	0	356	250	299	0	308	287	301	0	310	292	0	0	0	0	0	0
200	98	0	105	0	139	0	145	0	0	0	0	0	318	0	2	276	307	0	16	271	302	0	328	285	304	0	319	288	0	0	0	0	0	0
300	109	0	114	0	144	0	152	0	0	0	0	0	317	0	20	270	306	0	359	263	300	0	311	287	302	0	318	294	0	0	0	0	0	0
400	78	0	88	0	116	0	131	0	0	0	0	0	299	0	341	255	295	0	339	243	286	0	297	271	289	0	302	267	0	0	0	0	0	0
500	102	0	114	0	143	0	155	0	0	0	0	0	285	0	347	238	276	0	332	212	278	0	311	240	283	0	313	234	0	0	0	0	0	0
600	125	0	136	0	180	0	196	0	0	0	0	0	306	0	356	249	300	0	355	248	289	0	299	262	292	0	301	273	0	0	0	0	0	0
700	144	0	158	0	217	0	235	0	0	0	0	0	302	0	345	267	297	0	346	255	291	0	299	283	294	0	302	285	0	0	0	0	0	0
800	137	0	153	0	205	0	220	0	0	0	0	0	301	0	351	256	295	0	340	217	291	0	299	275	297	0	344	283	0	0	0	0	0	0
900	130	0	135	0	177	0	194	0	0	0	0	0	304	0	337	264	296	0	336	244	291	0	299	285	295	0	329	289	0	0	0	0	0	0
1000	161	0	172	0	206	0	217	0	0	0	0	0	307	0	351	248	303	0	348	271	298	0	309	293	302	0	334	294	0	0	0	0	0	0
1100	158	0	171	0	209	0	210	0	0	0	0	0	314	0	346	280	305	0	343	260	302	0	310	287	305	0	317	283	0	0	0	0	0	0
1200	128	0	142	0	170	0	176	0	0	0	0	0	312	0	354	280	303	0	345	247	299	0	310	286	305	0	334	293	0	0	0	0	0	0
1300	123	0	134	0	180	0	193	0	0	0	0	0	306	0	352	261	300	0	330	253	293	0	299	284	296	0	329	288	0	0	0	0	0	0
1400	105	0	118	0	145	0	160	0	0	0	0	0	301	0	1	272	290	0	331	247	285	0	297	263	289	0	351	270	0	0	0	0	0	0
1500	95	0	107	0	142	0	154	0	0	0	0	0	301	0	348	252	295	0	338	233	290	0	306	274	295	0	337	285	0	0	0	0	0	0
1600	91	0	103	0	122	0	133	0	0	0	0	0	310	0	354	265	299	0	342	257	294	0	309	279	298	0	338	284	0	0	0	0	0	0
1700	62	0	74	0	87	0	94	0	0	0	0	0	310	0	359	254	302	0	350	249	301	0	319	287	304	0	329	293	0	0	0	0	0	0
1800	37	0	48	0	63	0	71	0	0	0	0	0	306	0	356	226	301	0	349	227	295	0	311	275	299	0	325	273	0	0	0	0	0	0
1900	30	0	38	0	47	0	55	0	0	0	0	0	290	0	343	249	281	0	355	231	279	0	310	239	284	0	357	247	0	0	0	0	0	0
2000	45	0	52	0	55	0	63	0	0	0	0	0	258	0	293	227	248	0	271	220	248	0	266	228	252	0	272	236	0	0	0	0	0	0
2100	71	0	81	0	97	0	112	0	0	0	0	0	272	0	301	229	265	0	292	237	252	0	266	232	257	0	273	236	0	0	0	0	0	0
2200	129	0	141	0	171	0	189	0	0	0	0	0	295	0	352	244	286	0	327	226	284	0	305	232	286	0	312	241	0	0	0	0	0	0
2300	158	0	168	0	225	0	232	0	0	0	0	0	326	0	25	273	316	0	19	271	313	0	8	297	315	0	337	296	0	0	0	0	0	0
2400	135	0	145	0	213	0	219	0	0	0	0	0	338	0	43	280	331	0	6	276	330	0	8	301	331	0	7	293	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	671	0	675	0	667	0	666	0	320	2	320	2	0	0	-11	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
200	675	0	680	0	673	0	667	0	320	2	320	2	2	0	-11	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
300	673	0	678	0	673	0	667	0	320	2	320	2	0	0	-9	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
400	675	0	680	0	680	0	673	0	320	2	320	2	7	0	-5	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
500	684	0	689	0	685	0	678	0	320	2	320	2	4	0	-9	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
600	675	0	680	0	676	0	669	0	320	2	320	2	4	0	-9	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
700	673	0	678	0	669	0	664	0	320	2	320	2	-2	0	-14	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
800	673	0	678	0	666	0	660	0	320	2	320	2	-7	0	-20	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
900	678	0	684	0	667	0	660	0	320	2	320	2	-11	0	-23	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	125	6
1000	675	0	680	0	666	0	658	0	320	2	320	2	-7	0	-22	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1100	678	0	684	0	671	0	662	0	320	2	320	2	-7	0	-22	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1200	689	0	694	0	673	0	667	0	320	2	320	2	-14	0	-29	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
1300	716	0	720	0	684	0	675	0	320	2	320	2	-31	0	-45	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	126	6
1400	723	0	725	0	685	0	678	0	320	2	320	2	-36	0	-47	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1500	736	0	739	0	694	0	685	0	320	2	320	2	-40	0	-52	0	0	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	739	0	743	0	703	0	694	0	320	2	320	2	-34	0	-49	0	0	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	125	6
1700	730	0	736	0	711	0	700	0	320	2	320	2	-20	0	-36	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	716	0	720	0	702	0	693	0	320	2	320	2	-13	0	-25	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	698	0	703	0	694	0	689	0	320	2	320	2	0	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	128	0
2000	687	0	693	0	691	0	684	0	320	2	320	2	4	0	-7	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	126	6
2100	685	0	691	0	682	0	675	0	320	2	320	2	2	0	-14	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2200	694	0	700	0	694	0	689	0	320	2	320	2	2	0	-11	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2300	685	0	689	0	682	0	675	0	320	2	320	2	2	0	-14	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	127	0
2400	662	0	667	0	667	0	662	0	320	2	320	2	5	0	-5	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL [illegible]

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	94	0	101	0	147	0	162	0	0	0	0	0	345	0	85	285	336	0	24	273	330	0	9	307	333	0	21	311	0	0	0	0	0	0
200	69	0	75	0	107	0	112	0	0	0	0	0	331	0	22	285	320	0	7	272	317	0	345	279	320	0	348	289	0	0	0	0	0	0
300	173	0	178	0	228	0	235	0	0	0	0	0	315	0	349	267	308	0	351	266	303	0	321	287	304	0	316	291	0	0	0	0	0	0
400	155	0	161	0	214	0	218	0	0	0	0	0	322	0	4	273	313	0	351	274	313	0	334	300	314	0	334	296	0	0	0	0	0	0
500	138	0	146	0	197	0	198	0	0	0	0	0	317	0	346	251	312	0	357	259	311	0	343	290	312	0	337	296	0	0	0	0	0	0
600	144	0	150	0	204	0	207	0	0	0	0	0	319	0	1	271	310	0	357	252	310	0	352	287	312	0	21	295	0	0	0	0	0	0
700	117	0	129	0	176	0	181	0	0	0	0	0	329	0	19	287	311	0	357	241	314	0	347	276	316	0	337	280	0	0	0	0	0	0
800	146	0	154	0	212	0	213	0	0	0	0	0	319	0	357	268	309	0	356	263	308	0	343	287	311	0	352	292	0	0	0	0	0	0
900	180	0	186	0	243	0	252	0	0	0	0	0	309	0	342	241	304	0	355	259	297	0	322	278	299	0	325	284	0	0	0	0	0	0
1000	191	0	193	0	242	0	249	0	0	0	0	0	317	0	6	279	306	0	350	271	302	0	320	289	303	0	325	294	0	0	0	0	0	0
1100	185	0	194	0	250	0	253	0	0	0	0	0	316	0	352	268	306	0	338	262	306	0	321	289	308	0	331	292	0	0	0	0	0	0
1200	176	0	185	0	230	0	232	0	0	0	0	0	319	0	15	282	310	0	348	271	307	0	324	279	307	0	325	294	0	0	0	0	0	0
1300	144	0	155	0	198	0	201	0	0	0	0	0	320	0	10	273	308	0	356	251	306	0	342	279	307	0	331	290	0	0	0	0	0	0
1400	87	0	94	0	126	0	131	0	0	0	0	0	315	0	357	188	307	0	356	239	311	0	357	286	312	0	341	285	0	0	0	0	0	0
1500	70	0	75	0	92	0	99	0	0	0	0	0	310	0	359	223	300	0	356	230	301	0	323	268	303	0	335	278	0	0	0	0	0	0
1600	39	0	44	0	60	0	66	0	0	0	0	0	325	0	48	270	303	0	352	220	305	0	357	264	309	0	354	260	0	0	0	0	0	0
1700	44	0	50	0	53	0	59	0	0	0	0	0	309	0	350	202	300	0	341	231	299	0	346	266	299	0	354	235	0	0	0	0	0	0
1800	35	0	37	0	41	0	46	0	0	0	0	0	287	0	358	210	285	0	357	207	283	0	346	218	284	0	332	224	0	0	0	0	0	0
1900	40	0	42	0	42	0	46	0	0	0	0	0	258	0	295	219	248	0	284	206	241	0	275	220	246	0	270	225	0	0	0	0	0	0
2000	48	0	51	0	67	0	71	0	0	0	0	0	259	0	285	207	250	0	287	217	244	0	266	220	249	0	274	225	0	0	0	0	0	0
2100	51	0	52	0	80	0	84	0	0	0	0	0	258	0	290	212	247	0	284	188	241	0	265	210	246	0	262	221	0	0	0	0	0	0
2200	53	0	54	0	95	0	96	0	0	0	0	0	216	0	259	167	208	0	253	160	215	0	232	207	220	0	233	206	0	0	0	0	0	0
2300	68	0	67	0	130	0	129	0	0	0	0	0	216	0	261	160	208	0	265	142	211	0	220	199	216	0	225	205	0	0	0	0	0	0
2400	83	0	75	0	138	0	138	0	0	0	0	0	224	0	248	183	218	0	255	186	218	0	231	207	221	0	233	209	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	658	0	664	0	658	0	653	0	320	2	320	2	2	0	-11	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
200	653	0	658	0	653	0	648	0	320	2	320	2	0	0	-11	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	646	0	651	0	642	0	635	0	320	2	320	2	-2	0	-14	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
400	637	0	642	0	635	0	630	0	320	2	320	2	2	0	-13	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
500	630	0	635	0	628	0	624	0	320	2	320	2	2	0	-13	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
600	621	0	624	0	617	0	613	0	320	2	320	2	2	0	-13	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
700	615	0	621	0	613	0	608	0	320	2	320	2	2	0	-14	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
800	617	0	621	0	613	0	606	0	320	2	320	2	-4	0	-16	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
900	624	0	630	0	615	0	608	0	320	2	320	2	-9	0	-22	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1000	626	0	630	0	619	0	610	0	320	2	320	2	-7	0	-20	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1100	624	0	630	0	615	0	606	0	320	2	320	2	-9	0	-23	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1200	635	0	639	0	622	0	615	0	320	2	320	2	-13	0	-25	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1300	653	0	658	0	633	0	624	0	320	2	320	2	-18	0	-32	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1400	675	0	680	0	640	0	631	0	320	2	320	2	-32	0	-47	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1500	684	0	687	0	653	0	644	0	320	2	320	2	-31	0	-45	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	129	6
1600	685	0	689	0	658	0	649	0	320	2	320	2	-25	0	-40	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1700	682	0	685	0	662	0	655	0	320	2	320	2	-18	0	-31	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1800	676	0	680	0	664	0	657	0	320	2	320	2	-13	0	-23	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1900	666	0	669	0	664	0	658	0	320	2	320	2	2	0	-11	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2000	640	0	646	0	642	0	637	0	320	2	320	2	4	0	-9	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2100	633	0	640	0	635	0	631	0	320	2	320	2	4	0	-9	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	604	0	612	0	648	0	640	0	320	2	320	2	43	0	31	0	0	2	0	2	33	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2300	601	0	608	0	648	0	642	0	320	2	320	2	47	0	34	0	0	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2400	601	0	608	0	649	0	644	0	320	2	320	2	49	0	36	0	0	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0

[illegible]US CODE(S) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

[illegible]TING RESOLUTION TEMPERATURE .1 DEGREES, SPEED .1MPH [illegible]ECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .0[illegible]NGLEY

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	MAX	WIND	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND	S
100	72	0	69	0	134	0	128	0	0	0	0	0	226	0	259	194	221	0	259	182	214	0	234	182	218	0	240	193	0	0	0	0	0	0
200	93	0	83	0	156	0	140	0	0	0	0	0	238	0	273	195	231	0	286	192	221	0	241	188	226	0	241	204	0	0	0	0	0	0
300	77	0	72	0	127	0	118	0	0	0	0	0	237	0	280	187	229	0	259	172	218	0	241	196	223	0	249	209	0	0	0	0	0	0
400	88	0	81	0	149	0	134	0	0	0	0	0	234	0	267	177	225	0	264	179	219	0	234	186	222	0	242	198	0	0	0	0	0	0
500	112	0	99	0	168	0	154	0	0	0	0	0	233	0	268	167	226	0	256	175	214	0	253	186	218	0	246	192	0	0	0	0	0	0
600	179	0	171	0	247	0	231	0	0	0	0	0	258	0	292	218	250	0	287	210	238	0	255	221	240	0	256	213	0	0	0	0	0	0
700	146	0	133	0	202	0	225	0	0	0	0	0	267	0	335	222	256	0	308	198	250	0	287	219	247	0	288	201	0	0	0	0	0	0
800	179	0	185	0	235	0	255	0	0	0	0	0	273	0	300	217	264	0	303	223	252	0	276	220	256	0	288	208	0	0	0	0	0	0
900	203	0	210	0	229	0	249	0	0	0	0	0	276	0	303	238	264	0	296	231	257	0	268	222	259	0	281	219	0	0	0	0	0	0
1000	107	0	106	0	116	0	132	0	0	0	0	0	275	0	306	223	263	0	327	208	251	0	268	218	250	0	267	185	0	0	0	0	0	0
1100	141	0	124	0	185	0	178	0	0	0	0	0	254	0	279	217	245	0	273	208	241	0	266	220	244	0	255	224	0	0	0	0	0	0
1200	133	0	123	0	187	0	184	0	0	0	0	0	253	0	279	191	248	0	287	207	244	0	266	222	247	0	277	225	0	0	0	0	0	0
1300	133	0	116	0	171	0	168	0	0	0	0	0	254	0	281	221	244	0	276	216	240	0	254	230	243	0	258	233	0	0	0	0	0	0
1400	142	0	126	0	191	0	182	0	0	0	0	0	252	0	287	212	243	0	267	196	235	0	242	219	239	0	247	216	0	0	0	0	0	0
1500	121	0	109	0	169	0	160	0	0	0	0	0	255	0	299	195	247	0	293	220	242	0	253	233	246	0	255	237	0	0	0	0	0	0
1600	112	0	122	0	150	0	167	0	0	0	0	0	272	0	308	236	262	0	295	237	254	0	265	241	258	0	274	241	0	0	0	0	0	0
1700	65	0	66	0	70	0	68	0	0	0	0	0	262	0	312	217	254	0	303	192	244	0	290	189	248	0	296	210	0	0	0	0	0	0
1800	60	0	59	0	86	0	81	0	0	0	0	0	252	0	302	210	243	0	286	186	223	0	249	186	226	0	274	191	0	0	0	0	0	0
1900	78	0	74	0	118	0	109	0	0	0	0	0	245	0	306	183	237	0	285	180	224	0	253	189	229	0	268	208	0	0	0	0	0	0
2000	78	0	74	0	132	0	121	0	0	0	0	0	235	0	343	192	222	0	267	147	205	0	229	166	210	0	242	177	0	0	0	0	0	0
2100	94	0	83	0	155	0	145	0	0	0	0	0	232	0	296	182	228	0	267	178	209	0	234	186	214	0	236	193	0	0	0	0	0	0
2200	63	0	67	0	141	0	127	0	0	0	0	0	216	0	269	148	213	0	251	146	200	0	230	173	206	0	233	185	0	0	0	0	0	0
2300	68	0	64	0	164	0	146	0	0	0	0	0	213	0	261	105	207	0	265	122	194	0	211	174	200	0	221	183	0	0	0	0	0	0
2400	69	0	70	0	158	0	143	0	0	0	0	0	213	0	267	116	206	0	269	153	196	0	224	173	201	0	223	179	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	599	0	606	0	630	0	624	0	320	2	320	2	32	0	20	0	0	2	0	2	31	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
200	617	0	622	0	631	0	626	0	320	2	320	2	16	0	4	0	0	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
300	621	0	626	0	628	0	622	0	320	2	320	2	9	0	-4	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
400	610	0	615	0	626	0	621	0	320	2	320	2	18	0	5	0	0	2	0	2	33	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
500	622	0	628	0	630	0	624	0	320	2	320	2	7	0	-4	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
600	649	0	655	0	649	0	644	0	320	2	320	2	0	0	-11	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
700	669	0	671	0	666	0	662	0	320	2	320	2	0	0	-13	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
800	673	0	678	0	671	0	666	0	320	2	320	2	2	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
900	684	0	687	0	684	0	676	0	320	2	320	2	2	0	-11	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1000	703	0	705	0	702	0	694	0	320	2	320	2	0	0	-11	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1100	711	0	714	0	711	0	703	0	320	2	320	2	0	0	-11	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1200	732	0	734	0	720	0	714	0	320	2	320	2	-11	0	-22	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1300	747	0	748	0	745	0	738	0	320	2	320	2	0	0	-11	0	0	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1400	763	0	765	0	757	0	748	0	320	2	320	2	-4	0	-14	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1500	750	0	754	0	756	0	748	0	320	2	320	2	7	0	-4	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1600	747	0	750	0	752	0	745	0	320	2	320	2	5	0	-5	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1700	772	0	774	0	766	0	757	0	320	2	320	2	-5	0	-16	0	0	2	0	2	78	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1800	783	0	786	0	766	0	759	0	320	2	320	2	-16	0	-27	0	0	2	0	2	85	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
1900	766	0	770	0	763	0	756	0	320	2	320	2	-2	0	-14	0	0	2	0	2	76	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2000	759	0	765	0	765	0	759	0	320	2	320	2	7	0	-5	0	0	2	0	2	71	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2100	743	0	750	0	756	0	748	0	320	2	320	2	13	0	0	0	0	2	0	2	63	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2200	721	0	727	0	738	0	730	0	320	2	320	2	16	0	4	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2300	694	0	702	0	718	0	711	0	320	2	320	2	23	0	11	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
2400	682	0	689	0	705	0	700	0	320	2	320	2	25	0	13	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION

REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

DIGITAL GRAPHICS INCORPORATED — AEP COOK — METEOROLOGICAL DATA FOR JUNE

HOUR	WIND SPD1 50 A	S	WIND SPD2 50 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 50 A	S	MIN	MAX	WIND DIR2 50 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	MAX	WIND DIR6	S
100	67	0	66	0	148	0	132	0	0	0	0	0	216	0	267	150	210	0	269	130	198	0	220	182	203	0	217	186	0	0	0	0	0	0
200	43	0	45	0	129	0	118	0	0	0	0	0	202	0	257	119	191	0	267	90	189	0	200	176	194	0	210	182	0	0	0	0	0	0
300	53	0	55	0	128	0	114	0	0	0	0	0	215	0	263	94	208	0	258	113	199	0	211	185	204	0	217	192	0	0	0	0	0	0
400	42	0	46	0	124	0	115	0	0	0	0	0	206	0	266	130	198	0	256	111	188	0	211	166	193	0	217	173	0	0	0	0	0	0
500	50	0	51	0	129	0	118	0	0	0	0	0	198	0	269	129	195	0	265	114	187	0	207	162	192	0	207	172	0	0	0	0	0	0
600	44	0	46	0	123	0	110	0	0	0	0	0	208	0	264	150	202	0	264	119	192	0	207	176	197	0	211	183	0	0	0	0	0	0
700	41	0	47	0	103	0	98	0	0	0	0	0	199	0	260	117	191	0	266	100	184	0	208	165	190	0	219	169	0	0	0	0	0	0
800	42	0	49	0	89	0	87	0	0	0	0	0	181	0	266	103	179	0	256	92	174	0	206	140	180	0	210	138	0	0	0	0	0	0
900	49	0	53	0	96	0	94	0	0	0	0	0	209	0	257	101	207	0	267	100	193	0	225	162	198	0	226	177	0	0	0	0	0	0
1000	96	0	93	0	133	0	127	0	0	0	0	0	243	0	282	200	237	0	270	204	218	0	240	195	223	0	248	197	0	0	0	0	0	0
1100	101	0	95	0	152	0	136	0	0	0	0	0	249	0	296	196	246	0	296	196	225	0	246	196	229	0	246	203	0	0	0	0	0	0
1200	130	0	124	0	179	0	170	0	0	0	0	0	250	0	300	186	242	0	301	186	228	0	262	196	233	0	261	215	0	0	0	0	0	0
1300	104	0	94	0	161	0	146	0	0	0	0	0	244	0	279	196	239	0	286	192	222	0	252	196	228	0	251	208	0	0	0	0	0	0
1400	83	0	78	0	127	0	120	0	0	0	0	0	246	0	348	194	240	0	315	202	223	0	254	198	229	0	252	204	0	0	0	0	0	0
1500	143	0	130	0	208	0	206	0	0	0	0	0	257	0	286	217	248	0	291	214	239	0	265	229	243	0	271	211	0	0	0	0	0	0
1600	133	0	143	0	198	0	217	0	0	0	0	0	271	0	300	223	263	0	299	230	255	0	265	240	257	0	271	189	0	0	0	0	0	0
1700	104	0	97	0	156	0	145	0	0	0	0	0	241	0	283	187	233	0	289	198	214	0	244	186	220	0	254	181	0	0	0	0	0	0
1800	78	0	72	0	111	0	102	0	0	0	0	0	252	0	281	210	245	0	282	210	229	0	245	211	233	0	261	217	0	0	0	0	0	0
1900	39	0	44	0	60	0	68	0	0	0	0	0	282	0	317	246	272	0	298	241	267	0	296	233	270	0	342	212	0	0	0	0	0	0
2000	75	0	83	0	113	0	126	0	0	0	0	0	284	0	352	235	274	0	324	235	270	0	297	234	275	0	303	229	0	0	0	0	0	0
2100	119	0	122	0	170	0	186	0	0	0	0	0	291	0	339	226	283	0	342	243	286	0	312	254	287	0	308	259	0	0	0	0	0	0
2200	68	0	76	0	113	0	122	0	0	0	0	0	333	0	24	290	321	0	102	277	320	0	346	279	321	0	343	288	0	0	0	0	0	0
2300	48	0	51	0	68	0	77	0	0	0	0	0	260	0	292	228	251	0	290	223	252	0	287	222	256	0	286	234	0	0	0	0	0	0
2400	31	0	37	0	107	0	99	0	0	0	0	0	200	0	269	106	195	0	266	103	181	0	196	164	187	0	203	172	0	0	0	0	0	0

HOUR	AMB TEM1 30 A	S	AMB TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB. TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	673	0	680	0	696	0	689	0	320	2	320	2	23	0	11	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
200	655	0	660	0	678	0	673	0	320	2	320	2	25	0	13	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
300	649	0	655	0	675	0	669	0	320	2	320	2	27	0	14	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	130	6
400	635	0	642	0	662	0	657	0	320	2	320	2	27	0	14	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
500	635	0	642	0	653	0	648	0	320	2	320	2	16	0	5	0	0	2	0	2	38	2	0	2	0	2	0	2	0	2	0	2	0	2	130	6
600	637	0	642	0	651	0	644	0	320	2	320	2	14	0	2	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
700	655	0	660	0	655	0	649	0	320	2	320	2	2	0	-11	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	130	0
800	684	0	689	0	673	0	667	0	320	2	320	2	-11	0	-22	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
900	716	0	721	0	703	0	698	0	320	2	320	2	-14	0	-25	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	130	6
1000	714	0	718	0	711	0	703	0	320	2	320	2	-4	0	-14	0	0	2	0	2	60	2	0	2	0	2	0	2	0	2	0	2	0	2	131	0
1100	709	0	712	0	702	0	694	0	320	2	320	2	-7	0	-18	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1200	739	0	743	0	727	0	720	0	320	2	320	2	-13	0	-22	0	0	2	0	2	69	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1300	736	0	739	0	727	0	721	0	320	2	320	2	-7	0	-18	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1400	738	0	741	0	730	0	725	0	320	2	320	2	-5	0	-16	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1500	730	0	736	0	732	0	727	0	320	2	320	2	2	0	-9	0	0	2	0	2	65	2	0	2	0	2	0	2	0	2	0	2	0	2	134	0
1600	709	0	716	0	703	0	700	0	320	2	320	2	-5	0	-14	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1700	723	0	729	0	721	0	716	0	320	2	320	2	2	0	-13	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1800	743	0	747	0	747	0	739	0	320	2	320	2	5	0	-7	0	0	2	0	2	67	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
1900	714	0	718	0	714	0	707	0	320	2	320	2	2	0	-11	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	135	6
2000	721	0	727	0	723	0	718	0	320	2	320	2	4	0	-9	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
2100	714	0	718	0	714	0	709	0	320	2	320	2	4	0	-9	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
2200	700	0	705	0	703	0	698	0	320	2	320	2	4	0	-7	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
2300	689	0	696	0	698	0	693	0	320	2	320	2	9	0	-4	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	135	6
2400	676	0	682	0	693	0	687	0	320	2	320	2	18	0	5	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0

S [illegible] CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 [illegible] VALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
R[illegible]ING RESOLUTION. TEMPERATURE .1 DEGREES, SPEED 1MPH, [illegible]CTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 [illegible]LEY

DIGITAL GRAPHICS INCORPORATED - AEP COOK

HOUR	WIND SPD1 30 A	S	WIND SPD2 30 B	S	WIND SPD3 150A	S	WIND SPD4 150B	S	WIND SPD5	S	WIND SPD6	S	WIND DIR1 30 A	S	MIN	WIND DIR2 30 B	S	MIN	MAX	WIND DIR3 150A	S	MIN	MAX	WIND DIR4 150B	S	MIN	MAX	WIND DIR5	S	MIN	WIND DIR6	S
100	81	0	73	0	126	0	122	0	0	0	0	0	231	0	294	222	244	0	305	204	232	0	253	199	235	0	248	210	0	0	0	0	0	0
200	90	0	86	0	132	0	131	0	0	0	0	0	256	0	289	222	247	0	278	198	240	0	253	230	244	0	255	234	0	0	0	0	0	0
300	84	0	83	0	132	0	126	0	0	0	0	0	257	0	289	209	251	0	312	216	243	0	267	230	247	0	264	230	0	0	0	0	0	0
400	74	0	76	0	120	0	117	0	0	0	0	0	261	0	304	217	252	0	303	198	245	0	276	219	249	0	279	233	0	0	0	0	0	0
500	72	0	78	0	81	0	91	0	0	0	0	0	282	0	335	240	274	0	322	218	267	0	308	241	271	0	306	234	0	0	0	0	0	0
600	64	0	71	0	78	0	89	0	0	0	0	0	296	0	336	241	291	0	352	228	282	0	300	243	285	0	301	251	0	0	0	0	0	0
700	91	0	99	0	122	0	136	0	0	0	0	0	299	0	352	231	293	0	339	240	286	0	319	254	290	0	351	258	0	0	0	0	0	0
800	34	0	42	0	40	0	46	0	0	0	0	0	109	0	152	70	105	0	152	73	76	0	109	49	86	0	115	38	0	0	0	0	0	0
900	28	0	40	0	45	0	52	0	0	0	0	0	95	3	125	18	89	0	118	0	64	0	86	48	74	0	96	59	0	0	0	0	0	0
1000	29	0	40	0	38	0	43	0	0	0	0	0	127	0	159	91	126	0	162	92	116	0	132	85	129	0	155	100	0	0	0	0	0	0
1100	27	0	38	0	29	0	36	0	0	0	0	0	129	0	155	103	123	0	175	72	109	3	141	75	119	0	152	77	0	0	0	0	0	0
1200	12	0	21	0	18	0	24	0	0	0	0	0	166	0	224	98	162	3	249	90	159	0	221	105	167	0	226	111	0	0	0	0	0	0
1300	15	0	24	0	27	0	34	0	0	0	0	0	275	0	359	214	275	3	350	213	280	0	356	187	285	0	334	217	0	0	0	0	0	0
1400	39	0	48	0	48	0	56	0	0	0	0	0	323	0	9	277	317	0	32	275	309	0	342	284	311	0	353	285	0	0	0	0	0	0
1500	29	0	35	0	43	0	49	0	0	0	0	0	24	3	122	287	26	0	141	298	0	0	42	289	3	0	50	311	0	0	0	0	0	0
1600	25	0	31	0	35	0	40	0	0	0	0	0	17	3	167	273	9	0	153	270	353	0	144	275	351	0	48	272	0	0	0	0	0	0
1700	27	0	33	0	41	0	48	0	0	0	0	0	15	3	150	296	10	0	114	276	346	0	30	290	348	0	27	302	0	0	0	0	0	0
1800	27	0	36	0	39	0	45	0	0	0	0	0	34	3	111	341	28	0	70	320	355	0	30	289	359	0	32	319	0	0	0	0	0	0
1900	37	0	46	0	57	0	61	0	0	0	0	0	41	0	92	7	33	0	73	357	16	0	47	356	22	0	50	3	0	0	0	0	0	0
2000	33	0	45	0	57	0	64	0	0	0	0	0	55	0	86	22	50	0	70	11	31	0	40	20	39	0	46	32	0	0	0	0	0	0
2100	36	0	45	0	55	0	70	0	0	0	0	0	78	0	98	59	72	0	90	52	48	0	63	41	59	0	67	53	0	0	0	0	0	0
2200	47	0	54	0	75	0	86	0	0	0	0	0	86	0	128	71	81	0	118	63	56	0	66	42	64	0	76	32	0	0	0	0	0	0
2300	42	0	55	0	69	0	84	0	0	0	0	0	73	0	93	56	68	0	92	52	49	0	54	42	60	0	65	55	0	0	0	0	0	0
2400	45	0	58	0	85	0	101	0	0	0	0	0	74	0	94	55	67	0	101	39	52	0	54	42	62	0	66	58	0	0	0	0	0	0

HOUR	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB TEM4 180B	S	AMB TEM5	S	AMB. TEMP6	S	D. T. 1 180A	S	D. T. 2 180B	S	D. T. 3	S	D. T. 4	S	MISC 1	S	MISC 2	S	MISC 3	S	MISC 4	S	MISC 5	S	MISC 6	S	MISC 7	S	RAIN	S
100	694	0	700	0	702	0	694	0	320	2	320	2	7	0	-5	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
200	696	0	702	0	694	0	689	0	320	2	320	2	0	0	-13	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
300	687	0	693	0	684	0	678	0	320	2	320	2	-2	0	-14	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
400	685	0	693	0	684	0	678	0	320	2	320	2	2	0	-13	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
500	687	0	694	0	687	0	682	0	320	2	320	2	2	0	-11	0	0	2	0	2	53	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
600	678	0	684	0	678	0	671	0	320	2	320	2	0	0	-11	0	0	2	0	2	51	2	0	2	0	2	0	2	0	2	0	2	0	2	135	6
700	669	0	675	0	667	0	662	0	320	2	320	2	-2	0	-14	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
800	664	0	667	0	664	0	658	0	320	2	320	2	2	0	-11	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	136	0
900	657	0	662	0	660	0	655	0	320	2	320	2	5	0	-7	0	0	2	0	2	45	2	0	2	0	2	0	2	0	2	0	2	0	2	147	0
1000	657	0	662	0	657	0	653	0	320	2	320	2	0	0	-11	0	0	2	0	2	44	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1100	664	0	671	0	664	0	658	0	320	2	320	2	0	0	-13	0	0	2	0	2	47	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1200	696	0	702	0	685	0	680	0	320	2	320	2	-11	0	-22	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1300	705	0	711	0	694	0	687	0	320	2	320	2	-11	0	-22	0	0	2	0	2	62	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1400	687	0	691	0	687	0	680	0	320	2	320	2	2	0	-11	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1500	684	0	691	0	676	0	667	0	320	2	320	2	-7	0	-22	0	0	2	0	2	56	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1600	693	0	698	0	685	0	678	0	320	2	320	2	-7	0	-22	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1700	687	0	691	0	680	0	671	0	320	2	320	2	-7	0	-20	0	0	2	0	2	54	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1800	687	0	694	0	684	0	675	0	320	2	320	2	-4	0	-18	0	0	2	0	2	58	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
1900	669	0	675	0	667	0	662	0	320	2	320	2	2	0	-13	0	0	2	0	2	49	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2000	649	0	657	0	655	0	649	0	320	2	320	2	5	0	-5	0	0	2	0	2	42	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2100	637	0	642	0	657	0	653	0	320	2	320	2	20	0	9	0	0	2	0	2	40	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2200	628	0	635	0	658	0	655	0	320	2	320	2	31	0	18	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2300	628	0	635	0	669	0	667	0	320	2	320	2	41	0	31	0	0	2	0	2	35	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0
2400	628	0	635	0	669	0	665	0	320	2	320	2	41	0	29	0	0	2	0	2	36	2	0	2	0	2	0	2	0	2	0	2	0	2	155	0

STATUS CODE(S) DEFINITIONS 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

APPENDIX 3

PROCESS CONTROL PROGRAM (PCP) CHANGES

INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT

UNCONTROLLED DOCUMENT

PROCEDURE COVER SHEET

Procedure No.	12 PMP 3150 PCP.001
Revision No.	7

TITLE RADIOACTIVE WASTE PROCESS CONTROL MANUAL

SCOPE OF REVISION

Rev. 7 Minor Revision with marginal markings

(1) Deleted the disposal of scintillation vials since they are no longer accepted at the burial sites.

(2) Changed the values of the radionuclides used in the classification of radioactive waste.

(3) Includes the values of the radionuclides used in the classification of spent filter elements.

SIGNATURES	REVISION NUMBER			
* * * * * *	REV. 7			
PREPARED BY				
DEPARTMENT HEAD APPROVAL				
INTERFACING DEPARTMENT HEAD CONCURRENCE	N/A			
QUALITY ASSURANCE SUPERVISOR APPROVAL				
PLANT NUCLEAR SAFETY COMMITTEE	MTG #2001			
PLANT MANAGER APPROVAL				
APPROVAL DATE	1/15/87			
EFFECTIVE DATE	1/16/87			

LIST OF EFFECTIVE PAGES

PAGE NUMBER	REVISION NUMBER/EFFECTIVE CHANGE SHEETS
Page 1 of 29	Revision 4
Page 2 of 29	Revision 5
Page 3 of 29	Revision 5
Page 4 of 29	Revision 5
Page 5 of 29	Revision 4
Page 6 of 29	Revision 4
Page 7 of 29	Revision 4
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Miscellaneous-Including Absolute, and Hepa Filters

All miscellaneous noncompressible waste must be placed in a metal box as soon as possible after determination the item is to be disposed of. No liquid or damp items of any kind are to be placed in metal boxes. No metal box is to be sealed until it has been visually inspected by Environmental Section personnel, has been numbered and a description of the contents, including approximate item size and amount, is completed on the Low Level Waste Box Inventory, Attachment XXI.

NOTE: Any box which is greater than 640 cubic feet must be placarded on both sides and both ends.

E. LOADING

Prior to loading a Truck/Trailer Inspection shall be made using check off sheet Attachment I. All transport vehicles arriving on site for shipment of radioactive waste will have a contamination and radiation survey taken prior to entry into the Auxiliary Building. If the vehicle will not be entering the Auxiliary Building, the survey must be performed prior to loading. Loading of a cask onto a truck will be as per 12 THP 6010 ENV.004 "Cask Handling". Loading of the cask or truck will be such that the packages will be loaded as to minimize the exposure toward the front of the truck. The Barnwell, South Carolina burial site requires that mixed (barrels and boxes) shipments of low specific activity materials on sole use vehicles be arranged so that all boxes are placed toward the back of the truck. The Beatty, Nevada burial site doesn't have this requirement and boxes and barrels can be mixed on the truck with the one requirement being that barrels be placed on barrels and boxes be placed on boxes. All loads must be braced to prevent movement of packages during normal transport.
After December 31, 1982, all drum shipments to the Barnwell Burial Site will be palletized or shipped in open top vans or on flat bed trailers. If drums are shipped in a closed top van and not palletized, an added surcharge will be assessed.

F. NOTIFICATION SCHEDULE

For "Large Quantity" Shipments

Application to transport a "large quantity" radioactive material shipment in Michigan should be made pursuant to the requirements of R29.553 of Act. No. 207 of the Public Acts of 1941, as amended, being 29.3 c of the Michigan Compiled Laws (Department of State Police - State Fire Safety Board) and Section 9 of Act. No. 380 of the Public Acts of 1965, as amended, and Sections 2226, 2233, and 13521 of Act No. 368 of the Public Acts of 1978, as amended being § 16.109, 333.2226, 333.2233 and 333.13521 of the Michigan Compiled Laws (Michigan Department of Public Health). See Notes 1 thru 3.

The governor or his designee of each state through which the aforementioned shipment will travel must be given advance notification in accordance with Title 10-Energy Code of Federal Regulations. Part §71.97.

NOTES:

1. A "large quantity" shipment, for the state of Michigan, means a quantity of radioactive material, the aggregate radioactivity of which exceeds any one of the following:
   (1) For transport groups as defined in Note 2.

RADIATION PROTECTION SECTION

1 Copy	Barnwell Waste Management Facility (RSM)
Original	Radiation/Contamination Truck Survey
1 Copy	U.S. Ecology, Inc. (RSM)

H. ACKNOWLEDGEMENT OF SHIPMENT

Within seven (7) days after the estimated time of arrival at the designated burial site, a signed copy of the manifest verifying receipt of the shipment shall be received by the Plant. If acknowledgement of the shipment has not been received, initiate the requirements of 10 CFR 20.311.

I. WASTE CLASSIFICATION

Evaporator Concentrates

For the period from January 1, 1987 to December 31, 1987, evaporator concentrates shipped offsite for burial will be defined as Class A waste. The total quantity of the radionuclides H-3, C-14, TC-99, I-129, Ni-63 and Fe-55 must be shown on the Radioactive Shipment Manifest, using the following concentrations:

H-3	-	measured or default (4.03 E-2 µci/cc)
C-14	-	Co-60 concentration in µci/cc times 2 E-2 equals the C-14 concentration.
TC-99	-	<1.20 E-6 µci/cc
I-129	-	<1.90 E-7 µci/cc
Ni-63	-	Co-60 concentration in µci/cc times 7.3 E-1 equals the Ni-63 concentration. If this concentration is <3.50 E-2 it is not required to be entered on the RSM.
Fe-55	-	Co-60 concentration in µci/cc times 9.5 E-1 equals the Fe-55 concentration.

Resin From The Spent Resin Storage Tank

For the period from January 1, 1987 to December 31, 1987, the classification of resin from the spent resin storage tank shipped offsite for burial will be determined using Attachment XXVII. High Integrity Containers meet the stability requirements of 10 CFR Part 61.56. Resin shipped in these containers meeting the requirements of the Certificate of Compliance require no further stabilization. Resin shipped in non-High Integrity Containers must be stabilized as required by 10 CFR Part 61.56. The vendor is responsible for meeting the stability requirements and presenting to the Plant the latest revision of their topical report.

The total quantity of the radionuclides H-3, C-14, TC-99, I-129, Ni-63, Sr-90 and Fe-55 must be shown on the Radioactive Shipment Manifest, using the following concentrations:

H-3	-	8.56 E-2 µci/cc
C-14	-	Co-60 concentration in µci/cc times 2.0 E-3 equals the C-14 concentration
TC-99	-	<5.10 E-5 µci/cc
I-129	-	2.81 E-5 µci/cc
Ni-63	-	Co-60 concentration in µci/cc times 6.5 E-1 equals the Ni-63 concentration
Sr-90	-	Cs-137 concentration in µci/cc times 3.75 E-4 equals the Sr-90 concentration
Fe-55	-	Co-60 concentration in µci/cc times 3.5 E-1 equals the Fe-55 concentration

The shipment paperwork must also include the specific activity of the transuranic radionuclides in nanocuries/gram using the following concentrations:

TRU	-	Cs-137 concentration in µci/g times 2 E-3
Cm-242	-	CS-137 concentration in µci/g times 5 E-4
Pu-241	-	Cs-137 concentration in µci/g times 9 E-2

Unit 1 and 2 Steam Generator Blowdown Treatment Resin

For the period from January 1, 1987 to December 31, 1987 resin from the steam generator blowdown treatment system will be defined as Class A - stable. The total quantity of the radionuclides H-3, C-14, TC-99, I-129, Ni-63 and Sr-90 must be shown on the Radioactive Shipment Manifest, using the following concentrations:

	Unit 1	Unit 2
H-3	6.13 E-4 µci/cc	1.29 E-4 µci/cc
C-14	<2.00 E-6 µci/cc	<3.00 E-6 µci/cc
Tc-99	6.10 E-6 µci/cc	1.80 E-5 µci/cc
I-129	<1.00 E-5 µci/cc	<1.00 E-5 µci/cc
Ni-63	1.60 E-4 µci/cc	1.30 E-4 µci/cc
Sr-90	<4.00 E-6 µci/cc	9.00 E-5 µci/cc

The shipment paperwork must also include the specific activity of the transuranic radionuclides using the following concentrations:

	Unit 1	Unit 2
Pu-239,-240	2.60 E-4 nci/gm	6.20 E-4 nci/gm
Pu-241	<3.30 E-2 nci/gm	6.80 E-2 nci/gm
Pu-238	1.30 E-3 nci/gm	5.80 E-3 nci/gm
Am-241	2.20 E-3 nci/gm	1.80 E-3 nci/gm
Cm-242	<1.40 E-4 nci/gm	<7.40 E-5 nci/gm
Cm-243,-244	1.00 E-3 nci/gm	1.10 E-3 nci/gm

Dry Active Waste - Compressible and Non-Compressible

For the period from January 1, 1987 to December 31, 1987, dry active waste shipped offsite for burial will be defined as Class A waste. The total quantity of the radionuclides H-3, C-14, Tc-99 and I-129 must be shown on the Radioactive Shipment Manifest using the following concentrations:

H-3 - 2.80 E-3 µci/cc
C-14 - Co-60 millicurie content times 1.0 E-2
Tc-99-<5.50 E-5 µci/cc
I-129-<4.20 E-5 µci/cc
Fe-55- Co-60 millicurie content times 1.5 E 0

Filters

For the period from January 1, 1987 to December 31, 1987, the classification of filters shipped offsite for burial will be determined using Attachment XXVII. The total quantity of the radionuclides H-3, C-14, Tc-99, I-129, Ni-63, Sr-90, Fe-55, TRU, Cm-242, and Pu-241 must be shown on the Radioactive Shipment Manifest, using the following concentrations:

H-3 - 2.00 E-1 µci/cc
C-14 - Co-60 concentration times 3.5 E-3
Tc-99 - <2.00 E-4
I-129 - <4.80 E-5
Ni-63 - Co-60 concentration times 3.8 E-1
Sr-90 - Cs-137 concentration times 1.68 E-1
Fe-55 - Co-60 concentration times 1.25 E 0
TRU - Ce-144 µci/cc times 1.62 E-1*
Cm-242 - Ce-144 µci/cc times 9.70 E-2*
Pu-241 - Ce-144 µci/cc times 5.70 E 0*

*This must then be converted to nci/g for the shipment paperwork.

J. TRAINING

Receipt, packaging and shipping of radioactive and fissile material will be performed by trained personnel in their respective tasks or under the direct supervision of trained personnel in the implementing procedures of PMI-3150. The frequency of this training shall be determined by the cognizant department superintendent.

Specific training in packaging and shipping of radioactive and fissile material for radwaste handling supervisors, and other personnel as assigned by the Technical Superintendent-Physical Science, shall be conducted at least once per calendar year.

APPENDIX 4

OFFISTE DOSE CALCULATION MANUAL (ODCM) CHANGES

FORM 5326

INDIANA & MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT

PROCEDURE COVER SHEET

Procedure No.	FMP 6010.OSD.001
Revision No.	2

TITLE OFF-SITE DOSE CALCULATION MANUAL

SCOPE OF REVISION

Revision 2 - Minor Revision, marginal markings are used. Incorporated the results of a Corporate's review of the system descriptions and other documents which are listed in this procedure, as per NSDRC Audit 126, CAR-1. Two year revision/review.

UNCONTROLLED DOCUMENT

SIGNATURES				
* * * * * *	REV. 2	REV. 3	REV. 4	REV. 5
PREPARED BY				
DEPARTMENT HEAD APPROVAL				
INTERFACING DEPARTMENT HEAD CONCURRENCE				
QUALITY ASSURANCE SUPERVISOR APPROVAL				
PLANT NUCLEAR SAFETY COMMITTEE	Mtg #1989			
PLANT MANAGER APPROVAL				
APPROVAL DATE	11-26-86			
EFFECTIVE DATE	12/1/86			

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FORM 8320 #

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

INSTRUCTION OR PROCEDURE NO.: PMP 6010.OSD.001 REVISION NO.: 2 CHANGE SHEET NO.: 1

TITLE: Off-Site Dose Calculation Manual PAGE 1 of 1

ORIGINATED BY: [signature] DATE: 3/25/87
MANAGEMENT STAFF: [signature] DATE: 3/25/87
SENIOR REACTOR OPERATOR: [signature] DATE: 3/25/87
Q.A. SUPERVISOR: [signature] DATE: 3/26/87
PNSRC: Mtg. #3023 DATE: 3/26/87
PLANT MANAGER: [signature] for DATE: 3/26/87

UNCONTROLLED DOCUMENT

PROCEDURE SUPV. [signature] DATE 3-25-87 EXPIRATION DATE: N/A

DESCRIPTION OF CHANGE

Add I-132, I-135 and Rb-88 to Attachment 3.20. Also update the X/Q and D/Q for 1986 data (Attachments 3.17 and 3.18)

REASON(S) FOR CHANGE

In response to QA review comments on change sheets CS-1 and CS-2 of procedure 12 THP 6010.RAD.337. Also to update the annual X/Q and D/Q for 1986 data.

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace the following:

List of Effective Pages, Page 4 of 6, Rev. 2 with Page 4 of 6, Rev. 2, CS-1
Attachment 3.17, Page 1 of 1, Rev. 2, with Page 1 of 1, Rev. 2, CS-1
Attachment 3.18, Page 1 of 1, Rev. 2, with Page 1 of 1, Rev. 2, CS-1
Attachment 3.20, Page 1 of 1, Rev. 2, with Page 1 of 1, Rev. 2, CS-1

χ/Q GROUND AVERAGE (sec/m³)

01JAN86 - 31DEC86

DIRECTION (WIND FROM)	DISTANCE 594.	2416.	4080.	5830.	7240.
N	2.06E-06	2.38E-07	1.10E-07	6.40E-08	4.51E-08
NNE	2.32E-06	2.72E-07	1.24E-07	7.23E-08	5.04E-08
NE	3.21E-06	3.89E-07	1.81E-07	1.07E-07	7.40E-08
ENE	2.66E-06	3.13E-07	1.52E-07	9.23E-08	6.52E-08
E	4.09E-06	4.80E-07	2.35E-07	1.42E-07	1.00E-07
ESE	5.60E-06	6.48E-07	3.18E-07	1.94E-07	1.38E-07
SE	6.50E-06	7.53E-07	3.69E-07	2.25E-07	1.60E-07
SSE	4.46E-06	5.33E-07	2.59E-07	1.57E-07	1.12E-07
S	4.90E-06	5.73E-07	2.79E-07	1.70E-07	1.20E-07
SSW	6.34E-06	7.46E-07	3.68E-07	2.27E-07	1.62E-07
SW	4.16E-06	5.20E-07	2.44E-07	1.44E-07	1.01E-07
WSW	4.78E-06	5.93E-07	2.76E-07	1.63E-07	1.14E-07
W	2.72E-06	3.20E-07	1.50E-07	8.87E-08	6.20E-08
WNW	1.67E-06	1.97E-07	9.23E-08	5.47E-08	3.81E-08
NW	1.85E-06	2.05E-07	9.62E-08	5.65E-08	3.94E-08
NNW	1.70E-06	1.96E-07	9.00E-08	5.33E-08	3.72E-08

DIRECTION (WIND FROM)	DISTANCE 12067.	24135.	40225.	56315.	80000.
N	2.23E-08	8.51E-09	4.19E-09	2.66E-09	1.68E-09
NNE	2.45E-08	9.20E-09	4.49E-09	2.84E-09	1.79E-09
NE	3.67E-08	1.40E-08	6.91E-09	4.39E-09	2.78E-09
ENE	3.30E-08	1.31E-08	6.55E-09	4.20E-09	2.68E-09
E	5.21E-08	2.09E-08	1.05E-08	6.71E-09	4.27E-09
ESE	7.00E-08	2.88E-08	1.40E-08	8.96E-09	5.69E-09
SE	8.15E-08	3.27E-08	1.63E-08	1.04E-08	6.66E-09
SSE	5.69E-08	2.28E-08	1.14E-08	7.34E-09	4.66E-09
S	6.14E-08	2.46E-08	1.24E-08	7.96E-09	5.06E-09
SSW	8.30E-08	3.36E-08	1.69E-08	1.09E-08	6.96E-09
SW	5.08E-08	1.97E-08	9.78E-09	6.25E-09	3.91E-09
WSW	5.71E-08	2.21E-08	1.10E-08	7.05E-09	4.48E-09
W	3.07E-08	1.18E-08	5.85E-09	3.73E-09	2.33E-09
WNW	1.89E-08	7.27E-09	3.61E-09	2.32E-09	1.45E-09
NW	1.95E-08	7.47E-09	3.71E-09	2.38E-09	1.49E-09
NNW	1.84E-08	7.03E-09	3.49E-09	2.32E-09	1.39E-09

CS-1

DIRECTION - SECTOR

N = A
NNE = B
NE = C
ENE = D
E = E
ESE = F
SE = G
SSE = H
S = J
SSW = K
SW = L
WSW = M
W = N
WNW = P
NW = Q
NNW = R

WORST SITE BOUNDARY

a) Previous worst χ/Q is 8.44E-6 sec/m³ at Sector Q.

b) Current year worst χ/Q is 6.50E-6 sec/m³ at Sector Q.

Thus, the worst χ/Q and Sector has not been changed.

D/Q DEPOSITION (1/m²)

01JAN86 - 31DEC86

DISTANCE

DIRECTION (WIND FROM)	594.	2418.	4029.	5630.	7240.
N	1.42E-08	1.37E-09	6.21E-10	3.20E-10	2.00E-10
NNE	1.53E-08	1.40E-09	6.70E-10	3.53E-10	2.25E-10
NE	1.67E-08	1.62E-09	7.33E-10	3.85E-10	2.45E-10
ENE	8.97E-09	8.68E-10	3.83E-10	2.06E-10	1.30E-10
E	1.50E-08	1.53E-09	6.90E-10	3.06E-10	2.33E-10
ESE	2.77E-08	2.68E-08	1.21E-09	6.37E-10	4.00E-10
SE	3.12E-08	3.01E-08	1.37E-08	7.10E-10	4.57E-10
SSE	1.69E-08	1.63E-09	7.41E-10	3.89E-10	2.40E-10
S	1.77E-08	1.71E-09	7.74E-10	4.00E-10	2.59E-10
SSW	2.39E-08	2.31E-09	1.05E-08	5.50E-10	3.51E-10
SW	2.55E-08	2.46E-09	1.12E-08	5.80E-10	3.74E-10
WSW	3.64E-08	3.52E-09	1.59E-09	8.37E-10	5.34E-10
W	2.15E-08	2.08E-09	9.41E-10	4.94E-10	3.15E-10
WNW	1.54E-08	1.49E-09	6.74E-10	3.53E-10	2.25E-10
NW	1.99E-08	1.92E-09	8.72E-10	4.57E-10	2.92E-10
NNW	1.48E-08	1.43E-09	6.47E-10	3.40E-10	2.17E-10

DISTANCE

DIRECTION (WIND FROM)	12067.	24136.	46225.	96315.	98600.
N	8.68E-11	2.83E-11	1.04E-11	5.55E-12	2.78E-1[illegible]
NNE	9.39E-11	3.06E-11	1.13E-11	6.01E-12	3.01E-12
NE	1.02E-10	3.34E-11	1.23E-11	6.56E-12	3.29E-12
ENE	5.49E-11	1.79E-11	6.58E-12	3.51E-12	1.76E-12
E	9.72E-11	3.16E-11	1.16E-11	6.22E-12	3.12E-12
ESE	1.78E-10	5.52E-11	2.03E-11	1.09E-11	5.44E-12
SE	1.99E-10	6.21E-11	2.29E-11	1.22E-11	6.13E-12
SSE	1.04E-10	3.37E-11	1.24E-11	6.63E-12	3.23E-12
S	1.08E-10	3.52E-11	1.30E-11	6.93E-12	3.47E-12
SSW	1.47E-10	4.77E-11	1.77E-11	9.38E-12	4.70E-12
SW	1.56E-10	5.09E-11	1.87E-11	1.00E-11	5.01E-12
WSW	2.23E-10	7.25E-11	2.67E-11	1.43E-11	7.15E-12
W	1.32E-10	4.28E-11	1.58E-11	8.42E-12	4.22E-12
WNW	9.42E-11	3.07E-11	1.13E-11	6.02E-12	3.02E-12
NW	1.22E-10	3.97E-11	1.46E-11	7.80E-12	3.91E-12
NNW	9.05E-11	2.95E-11	1.08E-11	5.79E-12	2.90E-12

DIRECTION - SECTOR

N = A
NNE = B
NE = C
ENE = D
E = E
ESE = F
SE = G
SSE = H
S = J
SSW = K
SW = L
WSW = M
W = N
WNW = P
NW = Q
NNW = R

WORST SITE BOUNDARY

a) Previous worst D/Q is 3.29E-8 1/m³ at Sector D.

b) Current year worst D/Q is 3.64E-8 1/m³ at Sector D.

Thus, the worst D/Q is 3.64E-8 (1/m³) at Sector D.

DOSE PARAMETERS FOR RADIOIODINES AND RADIOACTIVE PARTICULATE, GASEOUS EFFLUENTS*

RADIONUCLIDE	P_i INHALATION PATHWAY (mRem/yr per μCi/m³)	P_i FOOD & GROUND PATHWAYS (m² . mRem/yr per μCi/sec)	RADIONUCLIDE	P_i INHALATION PATHWAY (mRem/yr per μCi/m³)	P_i FOOD & GROUND PATHWAYS (m² . mRem/yr per μCi/sec)	
H-3	6.5E+02	2.4E+03	Cd-115M	7.0E+04	4.8E+07	
P-32	2.0E+06	1.5E+11	Sn-123	2.9E+05	3.4E+09	
Mn-54	2.5E+04	1.1E+09	Sn-126	1.2E+06	1.1E+09	
Fe-59	2.4E+04	7.0E+08	Sb-124	5.9E+04	1.1E+09	
Co-58	1.1E+04	5.7E+08	Sb-125	1.5E+04	1.1E+09	
Co-60	3.2E+04	4.6E+09	Te-127	3.8E+04	7.4E+10	
Zn-65	6.3E+04	1.7E+10	Te-129M	3.2E+04	1.3E+09	
Rb-86	1.9E+05	1.6E+10	Cs-134	7.0E+05	5.3E+10	
Sr-89	4.0E+05	1.0E+10	Cs-136	1.3E+05	5.4E+09	
Sr-90	4.1E+07	9.5E+10	Cs-137	6.1E+05	4.7E+10	
Y-91	7.0E+04	1.9E+09	Ba-140	5.6E+04	2.4E+08	
Zr-95	2.2E+04	3.5E+08	Ce-141	2.2E+04	8.7E+07	
Nb-95	1.3E+04	3.6E+08	Ce-144	1.5E+05	6.5E+08	
Ru-103	1.6E+04	3.4E+10	I-131	1.5E+07	1.1E+12	
Ru-106	1.6E+05	4.4E+11	I-133	3.6E+06	9.6E+09	
Ag-110M	3.3E+04	1.5E+10	UNIDENTIFIED*	4.1E+07	9.5E+10	
Sb-88	5.6E+02	3.3E+04	I-132	1.7E+05	1.4E+02	CS-1
			I-135	7.0E+05	2.0E+07	CS-1

*The listed dose parameters are for radionuclides that may be detected in gaseous effluents.

**If SR-90 analysis is performed, use P_I given in RU-106 for unidentified components.

If SR-90 and RU-106 analyses are performed, use P_I given in I-131 for unidentified components.

If SR-90, RU-106 and I-131 analyses are performed, use P_I given in P-32 for unidentified components.

FORM 8329

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

INSTRUCTION OR PROCEDURE NO.: PMP 6010.OSD.001 REVISION NO.: 2 CHANGE SHEET NO.: 2

TITLE: Off-Site Dose Calculation Manual PAGE 1 of 1

ORIGINATED BY: SAMR Ramey DATE: 6/2/87
MANAGEMENT STAFF: DATE: 6/2/87
SENIOR REACTOR OPERATOR: DATE: 6/2/87
Q.A. SUPERVISOR: DATE: 6/4/87
PNSRC: Mtg. #2051 DATE: 6-4-87
PLANT MANAGER: DATE: 6/4/87

EXPIRATION DATE: N/A

PROCEDURE OWNER: DATE 6-3-87

DESCRIPTION OF CHANGE

Change definition of C to agree with Technical Specification 3/4.11.1.1 for radionuclides other than dissolved or entrained noble gases.

UNCONTROLLED DOCUMENT

REASON(S) FOR CHANGE

To avoid misinterpretation of Technical Specification 3/4.11.1 as per discussion with the NRC and to agree with our current practice as per 12 THP 6010.RAD.332 procedu

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace the following:

List of Effective Pages, Page 1 of 6, Rev. 2, with Page 1 of 2, Rev. 2, CS-2.

Page 9 of 41, Rev. 2 with Page 9 of 41, Rev. 2, CS-2

c = the setpoint, in μCi/ml, of the radioactive monitor measuring the radioactivity concentration in the effluent line prior to dilution and subsequent release; the setpoint, which is proportional to the volumetric flow of the effluent line and inversely proportional to the volumetric flow of the dilution stream plug the effluent stream, represents a value which, if exceeded, would result in concentrations exceeding the limits of 10 CFR 20, Appendix B, Table II for the unrestricted area.

f = the effluent flow rate as measured at the radiation monitor location, in unit of volume per time, but in the same units as F below (gpm). Attachment 3.12 presents the effluent flow rate parameter.

F = the dilution water flow rate as estimated prior to the release point, in unit of volume per time (gpm). Attachment 3.12 presents the dilution flowrate parameters. The minimum available dilution water flow rate (F) is 230,000 gpm for one circulation pump in operation. For two or more pumps, the available dilution flowrates are:

2 circulation pumps - 460,000 gpm
3 circulation pumps - 690,000 gpm
4 circulation pumps (Unit 2 only) - 920,000 gpm

C = effluent concentration limit, implementing 10 CFR 20, Appendix B, Table II column 2, for radionuclides other than dissolved or contained noble gases as per Technical Specification 3/4.11.1, in μCi/ml. CS-2

Since f<F, equation (1) can be rewritten as follows, to obtain the minimum required dilution flow rate for any discharge: