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Donald C. Cook Nuclear Plant . Units 1 & 2

Semi-Annual Radioactive Effluent Release Report

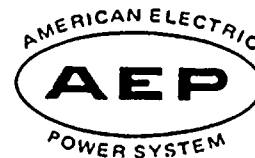
July 1, through December 31, 1985

Indiana & Michigan Electric Company
Bridgman, Michigan

Docket Nos. 50-315 & 50-316

License Nos. DPR-58 & DPR-74

AMERICAN ELECTRIC POWER SERVICE CORPORATION



DATE: February 26, 1986

SUBJECT: ERRATA

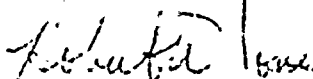
FROM: H. W. Jones

TO: All Holders of the Semi-Annual Radioactive Effluent Release Report
July - December 1985

Please note the following clarifications to the summary portion of this report.

Page 2 of 3, line 14 change "maintenance on the condenser" to "maintenance on the main feed pump condensers".

If you have any questions concerning this clarification, please contact me at extension 2024.

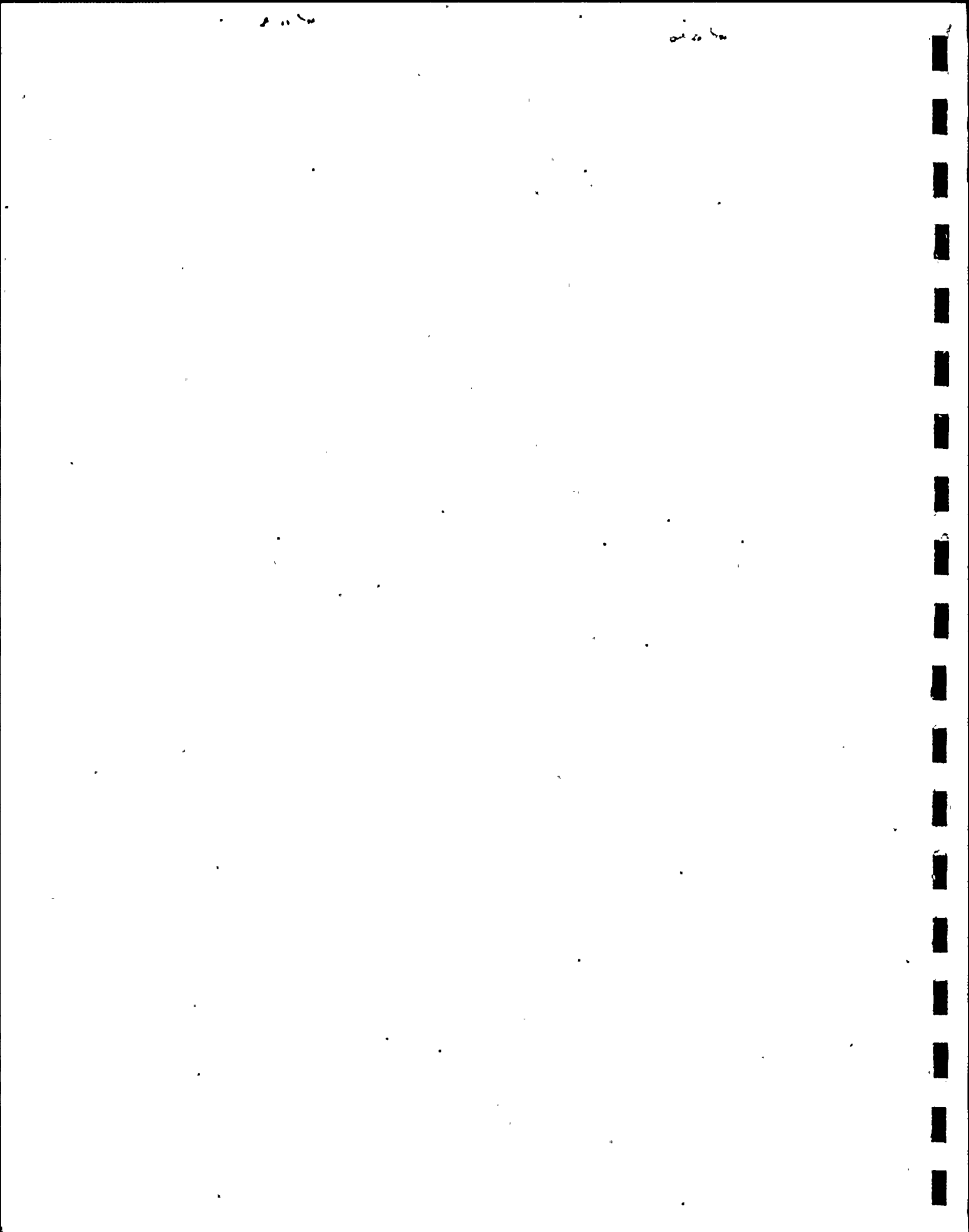

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I. INTRODUCTION

This report discusses the radioactive discharges from Units 1 and 2 of the Donald C. Cook Nuclear Plant during the second half of 1985, 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 last half and the whole of 1985, and is based upon data taken from the Monthly Operating Reports from July to December, 1985.

	Unit 1		Unit 2	
	2nd Half	Whole	2nd Half	Whole
Gross Electrical Generation (MWH)	443810	2205650	1461230	5901160
Unit Service Factor (%)	14.4	28.4	36.6	66.8
Unit Capacity Factor - MDC Net (%)	9.4	23.7	29.8	61.2

Unit 1 entered this biannual reporting period in Mode 5 for the 10 year inservice inspection outage. On July 23, 1985; Unit 1 entered Mode 6 for refueling and return to Mode 5 on August 1, 1985. The Unit remained in Mode 5 until October 15, 1985 in order to complete major required design changes. The Unit went critical for the first time in Cycle IX on November 13, 1985 and completed various low power testing requirements. Upon completion of this testing, reactor power was to be slowly increased to 80%; however the Unit tripped out at 78% reactor power due to a negative rate trip signal. The Unit was allowed to cooldown in order to permit needed maintenance and consequently entered Mode 5 on November 27, 1985. The Unit remained in Mode 5 until December 12, 1985 and again went critical on December 13, 1985. The Unit's reactor power was increased to 90% on December 15, 1985 and remained on-line throughout the rest of the reporting period.

Unit 2 entered this reporting period in Mode 1 at 100% power and was reduced to 47% power on July 3, 1985 due to a control rod alignment problem. The Unit was returned to 100% power on July 8, 1985. The Unit was shutdown on July 15, 1985 because of a high primary to secondary leak rate and finally entered Mode 5 on July 16, 1985. The Unit was taken critical on August 1, 1985 and increased to 31% power on August 2, 1985. A controlled shutdown (again because of primary-to-secondary leakage) was initiated on August 2, 1985 and Unit 2 reached Mode 5 on August 3, 1985. Repairs on the Steam Generator tubes were completed and the Unit went critical on August 21, 1985 and reached 30% power on August 22, 1985. Again the reactor was shutdown because of a primary to secondary leakage problem, starting on August 23, 1985 and reaching Mode 5 on August 25, 1985. The Unit remained in Mode 5 until October 13, 1985 for repairs on the Steam

Generator tubes. The Unit was returned to criticality on October 23, 1985. The Unit was slowly increased in power until on October 29, 1985, as the reactor tripped because of a spurious low flow indication in R. C. Loop 2 and returned to Mode 3 where it remained until November 7, 1985 when the unit went critical and subsequently taken to 80% power on November 9, 1985. Because of coincidental steam flow/feed flow mismatch and low steam generator level signals, the Unit tripped on November 13, 1985. The Unit was returned to criticality on November 14, 1985 and was taken to 80% power on November 15, 1985. The Unit remained at 80% power throughout the rest of the reporting period except for two one-day periods when the Unit's power level was reduced to 52% and 56% respectively for maintenance on the condenser.

II. 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 10 CFR 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 67 Batch releases in the third quarter and 58 Batch releases in the fourth quarter of 1985. 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 5 Batch releases in the third quarter and 10 Batch releases in the fourth quarter of 1985. Doses were estimated for the Batch and continuous releases during each of the two quarters using the measured meteorological data at the times 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 quarters. The meteorological conditions during the second six months of 1985 are also furnished in Appendix 2.3.

V. PROCESS CONTROL PROGRAM (PCP) CHANGES

The Radioactive Waste Process Control Manual 12 PMP 3150 PCP.001 was changed during the report period and these changes are included as Change Sheet Nos. 1-4. The reasons for the changes and PNSRC approval are documented on the procedure change sheet. These changes did not reduce the overall conformance of the solidified waste product to existing criteria for solid wastes.

VI. OFFSITE DOSE CALCULATION MANUAL CHANGES

The Offsite Dose Calculation Manual PMP 6010 OSD.001 was changed during the report period and these changes are included as Change Sheet Nos. 4-6. The reasons for the changes and PNSRC approval are documented on the procedure change sheet.

VII. TOTAL DOSE

Technical Specification 3.11.4 requires the dose or dose commitment to a real individual from all uranium fuel cycle sources be limited to <25 mrem to the total body or any organ over a period of 12 consecutive months to show conformance with 40 CFR 190. The maximum cumulative dose to an individual from liquid and gaseous effluents during 1984 was well within Technical Specification 3.11.4. Measurements using thermoluminescent dosimeters at 10 background stations in the 4-5 mile plant radius indicate the dose due to direct radiation is negligible.

VIII. CONCLUSIONS

Based on the information presented 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

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND Half 1985

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 \leq 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 \leq 1.5 mrem to the total body and to \leq 5 mrem to any organ;
2. During any calendar year to \leq 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 Permissible 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} $\mu\text{Ci/ml}$ 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 an activated carbon filter or silver zeolite cartridge 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:

67 releases in the 3rd quarter, 1985
58 releases in the 4th quarter, 1985

2. Total time period for batch releases:

19583 minutes

3. Maximum time for a batch release:

183 minutes

4. Average time period for batch release:

157 minutes

5. Minimum time period for a batch release:

98 minutes

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

544,640 gpm circulating water

B. Gaseous

1. Number of batch releases:

5 in 3rd quarter, 1985
10 in 4th quarter, 1985

2. Total time period of batch releases:
1153 minutes
3. Maximum time period for a batch release:
152 minutes
4. Average time period for batch releases:
77 minutes
5. Minimum time period for a batch release:
61 minutes

6. Abnormal Releases

A. Liquid

1. Number of Releases:

3rd	4th
<u>Quarter</u>	<u>Quarter</u>
0	0
2. Total activity released:

3rd	4th
<u>Quarter</u>	<u>Quarter</u>
0	0

B. Gaseous

1. Number of Releases:

3rd	4th
<u>Quarter</u>	<u>Quarter</u>
0	0
2. Total activity released:

3rd	4th
<u>Quarter</u>	<u>Quarter</u>
0	0

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2nd half 1985

GASEOUS EFFLUENTS - GROUND-LEVEL RELEASES

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter 3	Quarter 4	Quarter 3	Quarter 4
1. FISSION GASES					
Krypton-85	Ci			3.15 E 0	4.31 E 0
Krypton-85m	Ci	5.45 E-2	4.58 E-4		
Krypton-87	Ci	7.05 E-2	4.68 E-3		
Krypton-88	Ci	4.91 E-2			
Xenon-133	Ci	1.91 E+1	2.20 E 0	1.21 E 0	1.35 E-1
Xenon-135	Ci	1.00 E+1	5.53 E-2	3.29 E-2	1.25 E-2
Xenon-135m	Ci	3.75 E-1	3.82 E-2		
Xenon-138	Ci	2.21 E-1	1.67 E-3		
Xenon-133m	Ci			3.69 E-2	
Xenon-131m	Ci			1.05 E-2	
Argon-41	Ci	2.64 E 0	1.13 E-1		7.77 E-4
Total for Period	Ci	3.25 E+1	2.41 E 0	4.44 E 0	4.46 E 0
2. IODINES					
Iodine-131	Ci	2.47 E-3	3.60 E-5	9.05 E-6	
Iodine-133	Ci	1.30 E-2	4.18 E-5	6.91 E-6	
Iodine-135	Ci	9.98 E-3			
Iodine-132	Ci	2.73 E-4			
Total for Period	Ci	2.57 E-2	7.78 E-5	1.60 E-5	
3. PARTICULATES					
Strontium-89	Ci				
Strontium-90	Ci				
Cesium-134	Ci		2.73 E-3		
Cesium-137	Ci	2.66 E-4	3.20 E-3		
Iron-59	Ci	1.44 E-4			
Cobalt-58	Ci	2.04 E-2	1.70 E-2	2.50 E-7	
Cobalt-60	Ci	6.16 E-4	1.87 E-3		6.09 E-7
Manganese-54	Ci	1.98 E-4	1.96 E-3		
Zinc-65	Ci				
Molybdenum-99	Ci				
Cerium-139	Ci	1.54 E-5	7.77 E-6		
Cerium-144	Ci				
Chromium-51	Ci	1.34 E-2	4.87 E-4		
Zirconium-Niobium-95	Ci	5.14 E-3	3.79 E-3		
Total for Period	Ci	4.02 E-2	3.10 E-2	2.50 E-7	6.09 E-7

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND HALF 1985
GASEOUS EFFLUENTS - SUMMATION OF ALL RELEASES

	Units	Quarter 3	Quarter 4	Est. Total Error, %
A. FISSION AND ACTIVATION GASES				
1. Total release.	Ci	3.69 E+1	6.87 E 0	13.9
2. Average release rate for period.	μCi/sec	4.64 E 0	8.64 E-1	
3. Percent of Technical Specification limit. (T/S 3.11.2.2 limit)	% γ β	1.97 E-1 1.17 E-1	6.98 E-3 2.46 E-2	
B. IODINES				
1. Total Iodine-131.	Ci	2.48 E-3	3.60 E-5	11.5
2. Average release rate for period.	μCi/sec	3.12 E-4	4.53 E-6	
3. Percent of Technical Specification limit. (T/S 3.11.2.3 limit)	%	7.32 E-1	1.31 E 0	
C. PARTICULATES				
1. Particulates with half-lives > 8 days.	Ci	4.02 E-2	3.10 E-2	18.9
2. Average release rate for period.	μCi/sec	5.06 E-3	3.90 E-3	
3. Percent of Technical Specification limit.*	%	7.32 E-1	1.31 E 0	
4. Gross alpha radio-activity. *(T/S 3.11.2.3 limit)	Ci	<3.91 E-5	<2.04 E-5	
D. TRITIUM				
1. Total release.	Ci	1.13 E 0	2.09 E-1	2.6
2. Average release rate for period.	μCi/sec	1.42 E-1	2.63 E-2	
3. Percent of Technical Specification limit. (10 CFR 20 limit)	%	6.05 E-1	1.30 E-1	

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1985

LIQUID EFFLUENTS

REVISED

Nuclides Released		BATCH MODE		CONTINUOUS MODE	
		1ST Quarter	2ND Quarter	1ST Quarter	2ND Quarter
Strontium-92	Ci	2.35 E-3			
Strontium-89	Ci	5.53 E-5	7.63 E-5		8.29 E-4
Strontium-90	Ci	5.53 E-5	2.73 E-5		
Cesium-134	Ci	4.31 E-3	2.85 E-2	7.25 E-3	3.00 E-3
Cesium-137	Ci	2.92 E-2	2.58 E-2	8.03 E-3	4.38 E-3
Iodine-131	Ci	6.92 E-3	6.43 E-3	2.24 E-3	2.33 E-4
Iodine-135	Ci				1.77 E-4
Iron-55	Ci	3.34 E-3	2.37 E-2	7.95 E-2	1.56 E-2
Cobalt-58	Ci	2.16 E-1	1.65 E-1	1.46 E-2	1.53 E-3
Cobalt-60	Ci	2.29 E-2	4.34 E-2	7.79 E-3	3.63 E-3
Iron-59	Ci	1.41 E-4			
Zinc-65	Ci	3.52 E-4	1.31 E-3		
Manganese-54	Ci	2.23 E-3	4.20 E-3	3.73 E-4	
Chromium-51	Ci	9.20 E-3	6.24 E-3		
Antimony-125	Ci		9.14 E-4		
Zirconium-Niobium-95	Ci	1.16 E-2	1.07 E-2	7.29 E-5	6.61 E-5
Molybdenum-99	Ci				
Technetium-99M	Ci				
Barium-Lanthanum-140	Ci				
Cerium-141	Ci				
Cesium-136	Ci		4.18 E-4	3.16 E-4	
Sodium-24	Ci				
Iodine-133	Ci	9.79 E-5		1.58 E-4	1.04 E-3
Cobalt-57	Ci	4.73 E-4	6.33 E-4		
Zirconium-97	Ci	8.15 E-5	7.34 E-5		
Silver-110M	Ci	2.16 E-3	4.55 E-3		
Cerium-144	Ci				
Tin-113	Ci	1.57 E-4	1.90 E-4		
Xenon-133	Ci	1.01 E 0	5.39 E-2	3.27 E-2	4.24 E-3
Xenon-131M	Ci		3.20 E-3		
Xenon-133M	Ci	6.25 E-3			
Xenon-135	Ci	2.00 E-2	3.60 E-5	1.76 E-4	1.53 E-2
Argon-41	Ci				

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 1ST HALF 1985
LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES
REVISED

	UNIT	BATCH		CONTINUOUS		Est. Total Error, %
		Quarter 1	Quarter 2	Quarter 1	Quarter 2	
A. FISSION AND ACTIVATION PRODUCTS						
1. Total Release (Not including Tritium, Alpha, Gases)	Ci	3.12 E-1	3.22 E-1	1.20 E-1	3.05 E-2	2.62
2. Average diluted concentration during period.	µCi/ml	2.60 E-8	1.44 E-8	1.58 E-10	5.49 E-11	
3. Percent of applicable limit.	%	2.40 E-1	1.33 E-1	1.23 E-3	8.95 E-4	
B. TRITIUM						
Total Release	Ci	1.94 E+2	2.02 E+2	3.23 E-1	6.37 E 0	0.22
2. Average diluted concentration during period.	µCi/ml	1.62 E-5	9.02 E-6	4.26 E-10	1.15 E-8	
3. Percent of applicable limit.	%	5.39 E-1	3.01 E-1	1.42 E-5	3.82 E-4	
C. DISSOLVED AND ENTRAINED GASES						
1. Total Release	Ci	1.04 E 0	5.71 E-2	3.29 E-2	1.95 E-2	4.46
2. Average diluted concentration during period.	µCi/ml	8.67 E-8	2.55 E-9	4.34 E-11	3.51 E-11	
3. Percent of applicable limit.	%	4.33 E-2	1.27 E-3	2.17 E-5	1.75 E-5	

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2nd Half 1985

LIQUID EFFLUENTS

Nuclides Released	BATCH MODE		CONTINUOUS MODE	
	Quarter 3	Quarter 4	Quarter 3	Quarter 4
Strontium-89	Ci 1.79 E-4	*	3.32 E-3	
Strontium-90	Ci 5.10 E-5	*		
Cesium-134	Ci 3.68 E-2	3.06 E-3	1.33 E-2	2.23 E-2
Cesium-137	Ci 3.74 E-2	3.92 E-3	1.69 E-2	2.28 E-2
Iodine-131	Ci 1.50 E-3	5.90 E-4	4.11 E-3	2.53 E-5
Strontium-85	Ci 1.08 E-4			
Iodine-132	Ci .		6.71 E-4	
Cobalt-58	Ci 7.13 E-1	7.98 E-2	5.68 E-2	5.51 E-2
Cobalt-60	Ci 6.37 E-2	2.12 E-2	1.87 E-3	6.21 E-3
Iron-59	Ci 4.83 E-4		3.71 E-4	
Zinc-65	Ci 2.32 E-3	1.34 E-3		
Manganese-54	Ci 8.26 E-3	1.93 E-3	5.10 E-4	6.00 E-3
Chromium-51	Ci 5.93 E-2	7.89 E-3	3.46 E-2	3.59 E-3
Iron-55	Ci 4.93 E-2			
Zirconium-Niobium-95	Ci 2.41 E-2	6.53 E-3	1.33 E-2	1.26 E-2
Molybdenum-99	Ci			
Technetium-99M	Ci			
Barium-Lanthanum-140	Ci			
Cerium-141	Ci			
Antimony-122	Ci			1.66 E-3
Cesium-136	Ci			
Sodium-24	Ci			
Iodine-133	Ci		3.35 E-2	1.07 E-4
Cobalt-57	Ci 1.02 E-3	6.83 E-5		
Zirconium-97	Ci			
Silver-110M	Ci 7.16 E-3	2.58 E-3		
Cerium-144	Ci			
Antimony-125	Ci 6.99 E-4			
Iodine-135	Ci		2.56 E-2	
Xenon-133	Ci 2.38 E-2	1.93 E-2		
Xenon-131M	Ci			
Xenon-133M	Ci 1.00 E-4	1.74 E-4		
Xenon-135	Ci 1.81 E-4	2.60 E-4		
Argon-41	Ci			
Krypton-85	Ci 2.44 E-2			

*Strontium analysis results were unavailable at
the time of submittal.

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EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND HALF 1985

LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

	UNIT	BATCH		CONTINUOUS		Est. Total Error, %
		Quarter 3	Quarter 4	Quarter 3	Quarter 4	
A. FISSION AND ACTIVATION PRODUCTS						
1. Total Release (Not including Tritium, Alpha, Gases)	Ci	1.01 E 0.	1.29 E-1	2.05 E-1	1.30 E-1	4.42
2. Average diluted concentration during period.	µCi/ml	5.94 E-8	5.44 E-9	8.27 E-10	2.04 E-10	
3. Percent of applicable limit. (10 CFR 20)	%	1.30 E-1	1.81 E-2	2.34 E-2	7.70 E-4	
B. TRITIUM						
1. Total Release	Ci	5.37 E+2	1.94 E+2	2.65 E 0	2.84 E-1	0.30
2. Average diluted concentration during period.	µCi/ml	3.16 E-5	8.19 E-6	1.07 E-8	4.47 E-10	
3. Percent of applicable limit. (10 CFR 20)	%	1.05 E 0	2.73 E-1	3.56 E-4	1.49 E-5	
C. DISSOLVED AND ENTRAINED GASES						
1. Total Release	Ci	4.85 E-2	1.97 E-2	No Activity Detected		2.57
2. Average diluted concentration during period.	µCi/ml	2.85 E-9	8.31 E-10			
3. Percent of applicable limit. (T/S 3.11.1.1)	%	1.43 E-3	4.16 E-4			

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND HALF 1985

LIQUID EFFLUENTS - SUMMATION OF ALL RELEASES

	<u>UNIT</u>	<u>BATCH</u>		<u>CONTINUOUS</u>		Est. Total Error, %
		Quarter 3	Quarter 4	Quarter 3	Quarter 4	
D. GROSS ALPHA RADIOACTIVITY						
1. Total Release	ci	<1.65 E-3	<1.31 E-3	NA	NA	NA
E. VOLUME OF WASTE RELEASED	Liters	4.92 E+6	3.94 E+6	7.13 E+7	7.50 E+7	2.00
F. VOLUME OF DILUTION WATER USED DURING PERIOD	Liters	1.70 E+10	2.37 E+10	2.48 E+11	6.36 E+11	3.48

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT - 2ND HALF
1985
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	1.73 E+2 3.14 E+1	1 E 0 4 E 0
b. Dry compressible waste, contaminated equipment, etc.	m ³ Ci	2.68 E+2 4.19 E+1	1 E 0 2 E 0
c. Irradiated components, control rods, etc.	m ³ Ci	8.60 E 0 1.13 E+3	1 E 0 5 E 0
d. Other	m ³ Ci		

2. Estimate of Major Nuclide Composition

a.	CS-137	15 %	c.	CR-51	4%
	CS-134	15 %		MN-54	2%
	CO-58	60 %		FE-55	55%
	CO-60	10 %		CO-58	4%
b.	CO-60	25 %		CO-60	31%
	CO-58	25 %		NI-63	4%
	CS-137	5 %			
	CS-134	5 %			
	FE-55	40 %			

3. Solid Waste Disposition

<u>No. of Shipments</u>	<u>Mode of Transportation</u>	<u>Destination</u>
32	Truck	Barnwell, SC
5	Truck	Richland, WA

4. Type of Containers Used for Shipment

Evaporator bottoms/DAW non-compressible/Guide Tubes (lower) were shipped in strong tight containers-DAW Compressible/Guide Tubes (upper) / Filters - Spec. 7A-Filters and Guide Tubes were shipped Radioactive, n.o.s. All other waste was LSA.

5. Solidification Agent

Evaporator bottoms are solidified in cement.

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT

YEARLY RELEASE RATES - 1985

I. Gases

<u>A. Fission and Activation Gases</u>		<u>Units</u>	
1.	Total Release	ci	4.94 E+3
2.	Average Release Rate	μ ci/sec	1.57 E+2
3.	% of Technical Specification Limits	γ %	2.32 E 0
		β %	3.68 E 0
<u>B. Iodines</u>			
1.	Total Iodine-131 Released	ci	1.03 E-1
2.	Average Release Rate	μ ci/sec	3.27 E-3
3.	% of Technical Specification Limit	%	1.25 E+1
<u>C. Particulates</u>			
1.	Total Release	ci	7.45 E-2
2.	Average Release Rate	μ ci/sec	2.36 E-3
3.	% of Technical Specification Limit	%	1.25 E+1

II. Liquids

<u>A. Fission and Activation Products - Batch Releases</u>			
1.	Total Release	ci	1.77 E 0
2.	Average Diluted Concentration	μ ci/ml	2.36 E-8
3.	% of Technical Specification Limit	Total Body %	3.24 E+1
		Liver %	1.32 E+1

[illegible]

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

<u>SECTOR - DIRECTION</u>	<u>SITE BOUNDARY (METERS)</u>	<u>NEAREST RESIDENCE (METERS)</u>
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 THIRD QUARTER OF 1984

SUMMARY OF MAXIMUM INDIVIDUAL DOSES - 3RD QUARTER
1985

EFFLUENT	APPLICABLE ORGAN	ESTIMATED DOSE (MREM)	AGE GROUP	LOCATION DIST DIR (M)(Toward)	% OF APPLICABLE LIMIT	QUARTERLY LIMIT (MR)
Liquid	Total Body	6.20 E-1	Adult	Receptor 1	4.13 E+1	1.5
Liquid	Liver	8.36 E-1	Teen	Receptor 1	1.67 E+1	5.0
Noble Gas	Air Dose (Gamma-mrad)	9.84 E-3	All	789 NE	1.97 E-1	5.0
Noble Gas	Air Dose (Beta-mrad)	1.17 E-2	All	617 NNE	1.17 E-1	10.0
Noble Gas	Total Body	2.94 E-3	All	1052 NE	5.88 E-2	Yearly 5.0
Noble Gas	Skin	7.56 E-3	All	814 NNE	5.04 E-2	Yearly 15.0
Iodines and Particulates	Thyroid	5.49 E-2	Child	770 SSW	7.32 E-1	7.5

FOR RECEPTOR NUMBER 1

TOTAL LIQUID DOSE ACCUMULATIONS(REM)
 START DATE 85 7 1 1 END DATE 85 03024
 BONE LIVER T.BODY THYRD KIDNEY LUNG GI-LLI SKIN

WATER								
ADULT	3.0E-06	3.0E-06	2.0E-06	3.1E-06	2.6E-06	2.5E-06	3.2E-06	0.0E+00
TEEN	2.0E-06	2.2E-06	2.8E-06	2.3E-06	1.0E-06	1.6E-06	2.2E-06	0.0E+00
CHILD	0.2E-06	4.3E-06	3.8E-06	4.0E-06	3.8E-06	3.4E-06	3.7E-06	0.0E+00
INFANT	0.6E-06	4.6E-06	3.5E-06	5.7E-06	3.6E-06	3.3E-06	3.4E-06	0.0E+00
SHORE								
ADULT	6.6E-07	5.5E-07	5.6E-07	5.5E-07	5.5E-07	5.6E-07	5.6E-07	6.4E-07
TEEN	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.1E-06	3.6E-06
CHILD	6.4E-07	6.4E-07	6.4E-07	6.4E-07	6.4E-07	6.4E-07	6.4E-07	7.5E-07
INFANT	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.0E+00
FW SPT FISH								
ADULT	4.4E-04	7.0E-04	5.0E-04	0.1E-03	2.8E-04	0.8E-05	6.0E-04	0.0E+00
TEEN	4.6E-04	0.1E-04	3.4E-04	7.5E-03	2.7E-04	1.0E-04	4.3E-04	0.0E+00
CHILD	5.7E-04	7.6E-04	1.3E-04	7.0E-03	2.2E-04	0.1E-05	1.6E-04	0.0E+00
INFANT	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.6E+00	0.0E+00

ENTER: (RETURN) CONTINUE, (90) START OVER, (EX) EXIT

TOTAL LIQUID DOSE ACCUMULATIONS(REM)
 START DATE 05 7 1 1 END DATE 05 03024
 BONE LIVER T.BODY THYRD 10KIDNEY LUNG GI-LLI SKIN
 TOTAL
 ADULT 4.4E-04 8.2E-04 6.2E-04 4.0E-05 2.0E-04 1.1E-04 6.4E-04 6.4E-07
 TEEN 4.7E-04 8.4E-04 3.6E-04 3.4E-05 2.0E-04 1.2E-04 4.5E-04 3.6E-06
 CHILD 5.0E-04 7.5E-04 1.7E-04 5.7E-05 2.6E-04 1.2E-04 1.0E-04 7.5E-07
 INFANT 8.5E-06 4.6E-05 3.6E-05 5.7E-05 3.5E-05 3.3E-05 3.4E-05 0.0E+00
 ENTER: [N] RECEPTOR NUMBER (1-5)
 [EX] EXIT
 [RETURN] GO BACK TO PREVIOUS OPTION

DOSE TYPE
 ENTER: [GA] GAMMA
 [B] BETA
 [RETURN] GO BACK TO PREVIOUS OPTION

GA

DATES OF TOTAL AIR DOSE ACCUMULATION ARE FROM 85 7 1 1 0 TO 85 03024 0
 DOSE ACCUMULATION FOR GAMMA RAD

DIRECTION FROM		DOSE ACCUMULATION (RAD)			
N		5.0033E-06	5.0607E-07	2.8070E-07	1.6720E-07
		5.0447E-08	2.3538E-08	1.1011E-08	7.7232E-08
NNE		5.0802E-06	7.2521E-07	3.4525E-07	2.0675E-07
		7.4161E-08	2.0532E-08	1.4042E-08	0.6886E-08
NE		1.0205E-05	1.3038E-06	6.3387E-07	3.8437E-07
		1.3776E-07	5.4000E-08	2.7635E-08	1.7810E-08
ENE		7.8320E-06	0.3584E-07	4.6650E-07	2.8824E-07
		1.0510E-07	4.2776E-08	2.1654E-08	1.4084E-08
E		1.5467E-05	1.8402E-06	0.2274E-07	5.7220E-07
		2.0736E-07	8.4184E-08	4.2517E-08	2.7478E-08
ESE		1.8485E-05	2.1718E-06	1.0082E-06	6.7355E-07
		2.4777E-07	1.0000E-07	5.0050E-08	3.2857E-08
SE		1.2384E-05	1.4422E-06	7.2440E-07	4.4883E-07
		1.6634E-07	6.8036E-08	3.4311E-08	2.2111E-08
SSE		4.7600E-06	5.3688E-07	2.6730E-07	1.6405E-07
		6.1684E-08	2.5283E-08	1.2757E-08	0.2231E-08
S		1.3505E-05	1.6830E-06	8.2007E-07	5.8866E-07
		1.8268E-07	7.3448E-08	3.7803E-08	2.3972E-08
SSW		0.4018E-06	1.1817E-06	5.7181E-07	3.4484E-07
		1.2303E-07	4.0445E-08	2.4830E-08	1.6885E-08
SW		1.4027E-05	1.0872E-06	0.8024E-07	5.3410E-07
		1.0881E-07	7.4544E-08	3.7868E-08	2.3738E-08
WSW		1.6068E-05	2.1850E-06	0.8013E-07	5.8688E-07
		2.8628E-07	8.0350E-08	3.0045E-08	2.5582E-08
W		3.0324E-06	4.6312E-07	2.2281E-07	1.3382E-07
		4.7072E-08	1.0184E-08	0.7436E-08	6.3356E-09
WNW		4.6027E-06	5.4804E-07	2.5784E-07	1.5473E-07
		5.5848E-08	2.2421E-08	1.1471E-08	7.4088E-09
NW		4.2054E-06	5.3541E-07	2.5587E-07	1.5340E-07
		5.5262E-08	2.2117E-08	1.1246E-08	7.3138E-09
NNW		2.5123E-06	2.8108E-07	1.3661E-07	0.8081E-08
		3.8531E-08	1.2515E-08	6.5123E-09	4.2061E-09

DISTANCES USED IN CALCULATIONS
 504.0 2416.0 4020.0 5638.0 7240.0
 12067.0 24135.0 40225.0 56315.0 80580.0
 ENTER: [RETURN] WHEN READY TO CONTINUE

DOSE TYPE

ENTER: [GA]

GAMMA

[BE]

BETA

[RETURN] GO BACK TO PREVIOUS OPTION

BE

DATES OF TOTAL AIR DOSE ACCUMULATION ARE FROM 85 7 1 1 0 TO 85 03824 0
DOSE ACCUMULATION FOR BETA RAD

**DIRECTION FROM N				
8.1307E-06	7.5743E-07	3.6250E-07	2.1387E-07	1.5185E-07
7.7411E-08	3.1620E-08	1.6428E-08	1.0830E-08	6.0030E-09
**DIRECTION FROM NNE				
5.7653E-06	6.8638E-07	3.3276E-07	2.8100E-07	1.4320E-07
7.3178E-08	2.0543E-08	1.5862E-08	0.8838E-08	6.2638E-09
**DIRECTION FROM NE				
7.2568E-06	0.1766E-07	4.4206E-07	2.6712E-07	1.8003E-07
0.6058E-08	3.8285E-08	1.0286E-08	1.2362E-08	7.8247E-09
**DIRECTION FROM ENE				
6.4504E-06	7.5466E-07	3.7072E-07	2.3506E-07	1.6831E-07
8.6347E-08	3.5217E-08	1.7826E-08	1.1521E-08	7.3766E-09
**DIRECTION FROM E				
1.0783E-05	1.2848E-06	6.3203E-07	3.8834E-07	2.7465E-07
1.3885E-07	5.5446E-08	2.7851E-08	1.7027E-08	1.1369E-08
**DIRECTION FROM ESE				
1.2187E-05	1.4885E-06	7.1008E-07	4.4248E-07	3.1621E-07
1.6286E-07	6.6542E-08	3.3597E-08	2.1671E-08	1.3080E-08
**DIRECTION FROM SE				
1.4288E-05	1.8101E-06	8.7163E-07	5.2212E-07	3.7815E-07
1.8018E-07	7.5338E-08	3.7637E-08	2.4153E-08	1.5207E-08
**DIRECTION FROM SSE				
8.4551E-06	1.8570E-06	5.8708E-07	3.8469E-07	2.1670E-07
1.1167E-07	4.4783E-08	2.2431E-08	1.4416E-08	0.1665E-09
**DIRECTION FROM S				
2.7058E-05	3.5124E-06	1.7036E-06	1.1262E-06	7.0046E-07
4.8511E-07	1.8553E-07	8.4623E-08	5.5120E-08	3.5107E-08
**DIRECTION FROM SSW				
1.2330E-05	1.5064E-06	7.6784E-07	4.5814E-07	3.1843E-07
1.6235E-07	6.4320E-08	3.2114E-08	2.8615E-08	1.3817E-08
**DIRECTION FROM SW				
1.2280E-05	1.5871E-06	7.4883E-07	4.4333E-07	3.1224E-07
1.5773E-07	6.1813E-08	3.8838E-08	1.9760E-08	1.2415E-08
**DIRECTION FROM WSW				
1.8068E-05	2.3334E-06	1.8970E-06	6.5122E-07	4.5737E-07
2.2048E-07	8.0410E-08	4.4383E-08	2.8387E-08	1.7886E-08
**DIRECTION FROM W				
5.8882E-06	6.8278E-07	2.0662E-07	1.8218E-07	1.2011E-07
6.6657E-08	2.6580E-08	1.3576E-08	0.8467E-09	5.6581E-09
**DIRECTION FROM WNW				
4.7468E-06	5.4786E-07	2.5760E-07	1.5340E-07	1.0881E-07
6.4486E-08	2.1467E-08	1.8874E-08	7.8518E-09	4.4684E-09
**DIRECTION FROM NW				
6.1170E-06	6.3978E-07	2.0941E-07	1.7692E-07	1.2416E-07
6.2286E-08	2.4315E-08	1.2166E-08	7.8291E-09	4.0157E-09
**DIRECTION FROM NNW				
2.4476E-06	2.7837E-07	1.3391E-07	8.8051E-08	5.7763E-08
2.0062E-08	1.2206E-08	6.3075E-09	4.2209E-09	2.7270E-09

DISTANCES USED IN CALCULATIONS

504.0 2416.0 4020.0 5638.0 7240.0

12867.0 24135.0 48225.0 56315.0 88500.0

ENTER: [RETURN] WHEN READY TO CONTINUE

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 85 7 1 1 THRU 85 03024

1.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

ADULT	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	2.0E-06	4.2E-06
TEEN	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	2.0E-06	4.2E-06
CHILD	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	2.0E-06	4.2E-06
INFNT	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	1.0E-06	2.0E-06	4.2E-06

GROUND PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

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, 770. METERS, WINDS TOWARD SSW

ADULT	1.0E-06	7.0E-06	0.4E-07	1.0E-06	0.1E-07	2.3E-06	4.1E-07	0.0E+00
TEEN	2.2E-06	7.7E-06	1.6E-06	2.0E-06	1.1E-06	1.0E-05	5.6E-07	0.0E+00
CHILD	3.3E-06	5.1E-06	3.4E-06	4.6E-06	1.7E-06	3.0E-05	0.6E-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, 8045. METERS, WINDS TOWARD SSW

ADULT	1.0E-08	6.0E-08	2.0E-08	7.6E-08	2.4E-08	5.0E-08	1.0E-08	0.0E+00
TEEN	7.1E-08	3.7E-08	1.7E-08	6.6E-08	1.6E-08	3.6E-08	1.2E-08	0.0E+00
CHILD	1.0E-08	1.0E-08	3.1E-08	6.0E-08	2.6E-08	5.4E-08	1.5E-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	2.0E-08	2.1E-08	1.7E-08	2.0E-08	1.7E-08	1.4E-08	5.4E-08	0.0E+00
TEEN	2.3E-08	2.6E-08	3.1E-08	4.7E-08	2.0E-08	2.2E-08	0.7E-08	0.0E+00
CHILD	2.0E-08	2.1E-08	7.4E-08	0.1E-08	4.0E-08	4.4E-08	1.3E-08	0.0E+00
INFNT	4.3E-08	2.3E-08	1.3E-07	1.6E-07	0.0E-08	1.1E-05	2.3E-08	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSW

ADULT	4.7E-08	1.1E-08	4.5E-08	6.0E-08	3.5E-08	1.7E-08	1.3E-08	0.0E+00
TEEN	4.0E-08	1.5E-08	0.2E-08	1.2E-07	5.0E-08	2.7E-08	2.2E-08	0.0E+00
CHILD	4.0E-08	1.0E-08	2.0E-07	2.1E-07	0.0E-08	5.3E-08	3.4E-08	0.0E+00
INFNT	6.3E-08	2.6E-08	3.3E-07	4.0E-07	1.6E-07	1.3E-05	5.7E-08	0.0E+00

INHAL PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

ADULT	1.6E-07	2.7E-07	1.6E-08	1.7E-07	1.7E-07	2.0E-06	1.3E-06	0.0E+00
TEEN	1.6E-07	2.6E-07	2.2E-08	1.0E-07	1.0E-07	3.6E-06	1.0E-06	0.0E+00
CHILD	1.5E-07	1.7E-07	3.0E-08	1.6E-07	1.7E-07	4.3E-06	1.5E-06	0.0E+00
INFNT	0.4E-08	0.0E-08	2.1E-08	1.0E-07	0.0E-08	3.0E-06	1.0E-06	0.0E+00

ENTER: (SO) START OVER
(EX) EXIT
(RETURN) CONTINUE

T.BODY	GI-TRCT	BONE	LIVER	KIDNEY	THYRD	LUNG	SKIN
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39
40	40	40	40	40	40	40	40
41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47
48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50
51	51	51	51	51	51	51	51
52	52	52	52	52	52	52	52
53	53	53	53	53	53	53	53
54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57
58	58	58	58				

[illegible][illegible]

ADULT	1.1E-06	4.8E-06	6.0E-07	1.1E-06	3.0E-07	1.0E-05	1.1E-07	0.0E+00
TEEN	1.2E-06	4.7E-06	9.3E-07	1.6E-06	5.3E-07	1.5E-05	1.0E-07	0.0E+00
CHILD	1.0E-06	3.0E-06	2.2E-06	2.7E-06	8.2E-07	2.3E-05	2.0E-07	0.0E+00
INFANT	0.0E+00	0.0E+00	0.0E+00	0.8E-06	0.0E+00	6.0E-06	0.0E+00	0.0E+00

[illegible]

ADULT	1.2E-00	1.3E-00	1.2E-00	1.0E-00	1.2E-00	1.2E-00	1.0E-00	0.0E+00
TEEN	1.4E-00	1.6E-00	2.3E-00	3.2E-00	2.0E-00	2.0E-00	3.4E-00	0.0E+00
CHILD	1.0E-00	1.1E-00	5.4E-00	5.5E-00	3.4E-00	3.0E-00	5.3E-00	0.0E+00
INFANT	2.6E-00	0.7E-00	0.2E-00	1.1E-07	5.7E-00	0.5E-00	0.5E-00	0.0E+00

ADULT	2.0E-08	4.1E-09	3.2E-09	4.5E-09	2.2E-08	1.5E-06	5.0E-09	0.0E+00
TEEN	3.0E-08	5.2E-09	5.0E-08	7.0E-09	3.0E-08	2.4E-06	9.0E-09	0.0E+00
CHILD	2.8E-09	4.5E-09	1.4E-07	1.4E-07	6.5E-08	4.7E-06	1.5E-08	0.0E+00
INFANT	3.5E-09	4.0E-09	2.3E-07	2.7E-07	1.1E-07	1.1E-05	2.7E-08	0.0E+00

ADULT	3.2E-08	1.0E-07	2.4E-08	4.7E-08	5.2E-08	4.2E-06	1.7E-06	0.0E+00
TEEN	3.4E-08	1.0E-07	3.3E-08	6.1E-08	6.7E-08	5.5E-06	2.4E-06	0.0E+00
CHILD	3.1E-08	7.2E-08	4.5E-08	5.8E-08	6.2E-08	6.6E-06	2.0E-06	0.0E+00
INFANT	1.0E-08	2.6E-08	3.2E-08	4.6E-08	4.0E-08	6.1E-06	1.4E-06	0.0E+00
ENTER: [SO]	START OVER							
[EX]	EXIT							
[RETURN]	CONTINUE							

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(RFM) DUE TO GASEOUS EFFLUENT
FOR DATES 05 7 1 1 THRU 05 03024

1.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	3.0E-06	6.2E-06
TEEN	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	3.0E-06	6.2E-06
CHILD	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	3.0E-06	6.2E-06
INFNT	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	3.0E-06	6.2E-06

GROUND PATHWAY DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	1.0E-05
TEEN	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	1.0E-05
CHILD	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	1.0E-05
INFNT	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	0.0E-06	1.0E-05

VEGET PATHWAY DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	1.2E-06	5.7E-06	7.1E-07	1.3E-06	4.5E-07	2.0E-05	1.3E-07	0.0E+00
TEEN	1.4E-06	5.5E-06	1.1E-06	1.0E-06	6.2E-07	1.7E-05	2.2E-07	0.0E+00
CHILD	2.2E-06	3.5E-06	2.6E-06	3.1E-06	0.6E-07	2.5E-05	3.3E-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

HEAT PATHWAY DIST GP= 1, 7725. METERS, WINDS TOWARD NE

ADULT	1.2E-08	0.1E-08	2.0E-08	0.4E-08	1.6E-08	7.0E-08	7.6E-10	0.0E+00
TEEN	0.5E-08	4.4E-08	2.3E-08	6.6E-08	1.3E-08	5.6E-08	6.5E-10	0.0E+00
CHILD	1.2E-08	2.4E-08	4.2E-08	0.2E-08	1.6E-08	0.5E-08	7.6E-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	2.2E-08	2.3E-08	2.2E-08	3.2E-08	2.0E-08	2.1E-06	3.1E-08	0.0E+00
TEEN	2.5E-08	2.0E-08	4.0E-08	5.6E-08	3.5E-08	3.3E-06	6.1E-08	0.0E+00
CHILD	3.1E-08	1.0E-08	0.7E-08	0.7E-08	5.0E-08	6.5E-06	0.5E-08	0.0E+00
INFNT	4.5E-08	1.7E-08	1.6E-07	2.0E-07	0.0E-08	1.6E-05	1.7E-08	0.0E+00

GOAT PATHWAY DIST GP= 1, 8045. METERS, WINDS TOWARD NE

ADULT	5.2E-08	7.1E-08	6.0E-08	0.1E-08	3.0E-08	2.5E-06	0.0E-08	0.0E+00
TEEN	5.3E-08	0.0E-08	1.1E-07	1.4E-07	6.0E-08	3.0E-06	1.0E-08	0.0E+00
CHILD	4.0E-08	7.6E-08	2.5E-07	2.5E-07	1.1E-07	7.0E-06	2.7E-08	0.0E+00
INFNT	6.0E-08	0.1E-08	4.2E-07	4.0E-07	1.0E-07	1.0E-05	4.0E-08	0.0E+00

INHAL PATHWAY DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	3.5E-08	2.2E-07	2.7E-08	5.3E-08	5.7E-08	4.5E-06	1.0E-06	0.0E+00
TEEN	3.7E-08	2.1E-07	3.7E-08	6.0E-08	7.4E-08	5.0E-06	2.0E-06	0.0E+00
CHILD	3.5E-08	0.3E-08	5.1E-08	6.5E-08	6.0E-08	7.1E-06	2.3E-06	0.0E+00
INFNT	2.1E-08	3.0E-08	3.6E-08	5.2E-08	4.4E-08	6.5E-06	1.6E-06	0.0E+00

ENTER: (SO) START OVER
(EX) EXIT
(RETURN) CONTINUE

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 05 7 1 1 THRU 05 03024

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 063. METERS, WINDS TOWARD S

ADULT	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	1.8E-06	2.0E-06
TEEN	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	1.8E-06	2.0E-06
CHILD	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	1.8E-06	2.0E-06
INFNT	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	0.7E-07	1.8E-06	2.0E-06

GROUND PATHWAY, DIST GP= 1, 063. METERS, WINDS TOWARD S

ADULT	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	4.0E-06
TEEN	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	4.0E-06
CHILD	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	4.0E-06
INFNT	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	3.4E-06	4.0E-06

VEGET PATHWAY, DIST GP= 1, 063. METERS, WINDS TOWARD S

ADULT	4.7E-07	2.1E-06	2.7E-07	4.0E-07	1.7E-07	7.2E-06	4.6E-08	0.0E+00
TEEN	5.3E-07	2.1E-06	4.2E-07	7.3E-07	2.3E-07	6.0E-06	0.0E-08	0.0E+00
CHILD	0.1E-07	1.3E-06	0.0E-07	1.2E-06	3.6E-07	0.1E-06	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, 6115. METERS, WINDS TOWARD S

ADULT	4.8E-09	3.7E-08	1.1E-09	3.4E-09	6.3E-10	3.0E-08	2.0E-10	0.0E+00
TEEN	3.5E-09	2.0E-08	0.5E-10	2.7E-09	5.0E-10	2.2E-08	2.5E-10	0.0E+00
CHILD	5.0E-09	0.0E-09	1.7E-09	3.3E-09	6.4E-10	3.3E-08	2.0E-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, 0045. METERS, WINDS TOWARD S

ADULT	5.0E-09	6.3E-09	6.0E-09	8.7E-09	5.2E-09	5.3E-07	8.2E-10	0.0E+00
TEEN	6.0E-09	7.4E-09	1.1E-09	1.5E-09	0.2E-09	8.4E-07	1.6E-09	0.0E+00
CHILD	8.1E-09	5.0E-09	2.6E-08	2.6E-08	1.5E-08	1.7E-06	2.5E-09	0.0E+00
INFNT	1.2E-08	4.5E-09	4.4E-08	5.4E-08	2.6E-08	4.1E-06	4.6E-09	0.0E+00

GOAT PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD S

ADULT	1.4E-08	1.8E-08	1.6E-08	2.2E-08	1.0E-08	6.4E-07	2.4E-08	0.0E+00
TEEN	1.4E-08	2.3E-08	2.0E-08	3.0E-08	1.8E-08	1.0E-06	4.8E-08	0.0E+00
CHILD	1.3E-08	1.0E-08	7.0E-08	6.7E-08	3.0E-08	2.0E-06	7.4E-09	0.0E+00
INFNT	1.6E-08	1.0E-08	1.1E-07	1.3E-07	5.0E-08	4.0E-06	1.3E-08	0.0E+00

INHAL PATHWAY, DIST GP= 1, 063. METERS, WINDS TOWARD S

ADULT	6.3E-09	3.0E-08	4.1E-09	0.1E-09	1.0E-08	7.0E-07	2.4E-07	0.0E+00
TEEN	6.7E-09	2.7E-08	5.0E-09	1.1E-08	1.3E-08	1.0E-06	3.5E-07	0.0E+00
CHILD	6.2E-09	1.2E-08	7.0E-09	1.1E-08	1.2E-08	1.2E-06	2.0E-07	0.0E+00
INFNT	3.8E-09	4.5E-09	5.5E-09	8.5E-09	7.5E-09	1.1E-06	2.0E-07	0.0E+00

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

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 85 7 1 1 THRU 85 03024

1.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	1.0E-06
TEEN	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	1.0E-06
CHILD	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	1.0E-06
INFNT	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	4.6E-07	1.0E-06

GROUND PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	4.4E-06
TEEN	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	4.4E-06
CHILD	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	4.4E-06
INFNT	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	3.7E-06	4.4E-06

VEGET PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	5.1E-07	2.3E-06	3.0E-07	5.3E-07	1.0E-07	7.3E-06	4.0E-08	0.0E+00
TEEN	5.0E-07	2.3E-06	4.6E-07	7.0E-07	2.5E-07	6.1E-06	8.4E-08	0.0E+00
CHILD	0.0E+00	1.4E-06	1.1E-08	1.3E-06	3.0E-07	0.4E-06	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

HEAT PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	1.4E-07	1.1E-06	3.4E-08	1.0E-07	1.0E-08	0.3E-07	7.0E-09	0.0E+00
TEEN	1.0E-07	5.0E-07	2.0E-08	0.0E-08	1.4E-08	6.0E-07	7.0E-09	0.0E+00
CHILD	1.5E-07	2.0E-07	5.1E-08	0.0E-08	1.0E-08	0.1E-07	0.2E-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

COV PATHWAY, DIST GP= 1, 6840. METERS, WINDS TOWARD SSE

ADULT	1.3E-08	1.4E-08	1.3E-08	1.0E-08	1.1E-08	1.1E-06	1.7E-09	0.0E+00
TEEN	1.4E-08	1.6E-08	2.3E-08	3.2E-08	1.0E-08	1.7E-06	3.4E-09	0.0E+00
CHILD	1.7E-08	1.1E-08	5.6E-08	5.6E-08	3.2E-08	3.4E-06	5.3E-09	0.0E+00
INFNT	2.5E-08	0.5E-09	0.4E-08	1.1E-07	5.3E-08	0.2E-06	0.6E-09	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSE

ADULT	2.3E-08	2.0E-09	2.6E-08	3.5E-08	1.6E-08	0.7E-07	3.0E-09	0.0E+00
TEEN	2.3E-08	3.6E-09	4.7E-08	6.2E-08	2.0E-08	1.5E-06	7.7E-09	0.0E+00
CHILD	2.0E-08	2.0E-09	1.1E-07	1.1E-07	4.0E-08	3.0E-06	1.2E-09	0.0E+00
INFNT	2.5E-08	2.0E-09	1.0E-07	2.2E-07	7.0E-08	7.4E-06	2.1E-09	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	5.1E-08	3.2E-08	3.0E-08	7.6E-08	0.3E-08	6.4E-07	2.7E-07	0.0E+00
TEEN	5.4E-08	2.0E-08	5.4E-08	0.0E-08	1.1E-08	0.3E-07	4.0E-07	0.0E+00
CHILD	5.0E-08	1.2E-08	7.2E-08	0.3E-08	0.0E-08	1.0E-06	3.3E-07	0.0E+00
INFNT	3.1E-08	4.3E-08	5.1E-08	7.4E-08	6.3E-08	0.3E-07	2.3E-07	0.0E+00

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

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 85 7 1 1 THRU 85 03024

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.7E-06
TEEN	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.7E-06
CHILD	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.7E-06
INFNT	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	1.1E-06	2.7E-06

GROUND PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	6.4E-06
TEEN	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	6.4E-06
CHILD	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	6.4E-06
INFNT	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	5.5E-06	6.4E-06

VEGET PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	7.5E-07	3.6E-06	4.3E-07	7.7E-07	2.6E-07	1.0E-05	7.2E-08	0.0E+00
TEEN	0.6E-07	3.4E-06	6.7E-07	1.2E-06	3.6E-07	8.7E-06	1.3E-07	0.0E+00
CHILD	1.3E-06	2.1E-06	1.6E-06	1.0E-06	5.6E-07	1.3E-05	1.0E-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	1.6E-08	1.3E-07	3.0E-09	1.1E-08	2.0E-09	0.1E-08	0.3E-10	0.0E+00
TEEN	1.2E-08	6.7E-08	3.1E-09	0.0E-09	1.6E-08	6.6E-08	0.2E-10	0.0E+00
CHILD	1.7E-08	3.3E-08	5.7E-09	1.1E-08	2.0E-09	0.0E-08	0.6E-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

COV PATHWAY, DIST GP= 1, 6840. METERS, WINDS TOWARD SE

ADULT	1.4E-08	1.5E-08	1.4E-08	2.0E-08	1.2E-08	1.1E-06	1.0E-08	0.0E+00
TEEN	1.6E-08	1.7E-08	2.5E-08	3.5E-08	2.0E-08	1.0E-06	3.0E-08	0.0E+00
CHILD	1.0E-08	1.2E-08	6.0E-08	6.0E-08	3.4E-08	3.5E-06	5.0E-08	0.0E+00
INFNT	2.7E-08	1.0E-08	1.0E-07	1.2E-07	5.7E-08	0.6E-06	1.0E-08	0.0E+00

GOAT PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD SE

ADULT	2.5E-08	3.1E-09	2.0E-08	3.0E-08	1.0E-08	1.0E-06	4.1E-09	0.0E+00
TEEN	2.5E-08	3.0E-09	5.0E-08	6.7E-08	3.1E-08	1.6E-06	0.4E-09	0.0E+00
CHILD	2.2E-08	3.2E-09	1.2E-07	1.2E-07	5.2E-08	3.2E-06	1.3E-08	0.0E+00
INFNT	2.7E-08	3.3E-09	2.0E-07	2.3E-07	0.5E-08	7.0E-06	2.3E-08	0.0E+00

[NHAL PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	1.0E-08	5.0E-08	7.2E-09	1.5E-08	1.6E-08	1.2E-06	5.0E-07	0.0E+00
TEEN	1.1E-08	5.4E-08	1.0E-08	1.0E-08	2.1E-08	1.6E-06	7.2E-07	0.0E+00
CHILD	0.0E-08	2.2E-08	1.4E-08	1.0E-08	1.0E-08	1.0E-06	5.0E-07	0.0E+00
INFNT	6.1E-08	0.2E-08	0.7E-09	1.4E-08	1.2E-08	1.0E-06	4.1E-07	0.0E+00

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

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 05 7 1 1 THRU 05 03024

(1.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	0.7E-07
TEEN	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	0.7E-07
CHILD	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	0.7E-07
INFNT	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	4.2E-07	0.7E-07

GROUND PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.5E-06
TEEN	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.5E-06
CHILD	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.5E-06
INFNT	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.2E-06	2.5E-06

VEGET PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	3.0E-07	1.4E-06	1.7E-07	3.1E-07	1.0E-07	4.0E-06	2.0E-08	0.0E+00
TEEN	3.4E-07	1.3E-06	2.6E-07	4.5E-07	1.4E-07	3.4E-06	5.0E-08	0.0E+00
CHILD	5.2E-07	0.4E-07	6.2E-07	7.6E-07	2.2E-07	5.2E-06	7.5E-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

HEAT PATHWAY, DIST GP= 1, 2434. METERS, WINDS TOWARD ESE

ADULT	4.2E-08	3.2E-07	0.0E-00	3.0E-08	5.2E-00	2.3E-07	2.4E-00	0.0E+00
TEEN	3.1E-08	1.7E-07	0.2E-00	2.4E-08	4.2E-00	1.7E-07	2.1E-00	0.0E+00
CHILD	4.5E-08	0.0E-00	1.5E-08	2.0E-08	5.3E-00	2.5E-07	2.5E-00	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

COV PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD ESE

ADULT	1.0E-08	1.2E-08	1.1E-08	1.5E-08	0.0E-00	0.6E-07	1.5E-00	0.0E+00
TEEN	1.2E-08	1.3E-08	1.0E-08	2.7E-08	1.6E-08	1.4E-06	2.0E-00	0.0E+00
CHILD	1.4E-08	0.1E-00	4.6E-08	4.7E-08	2.6E-08	2.7E-06	4.5E-00	0.0E+00
INFNT	2.1E-08	0.2E-00	7.0E-08	0.5E-08	4.4E-08	6.6E-06	0.2E-00	0.0E+00

DOAT PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD ESE

ADULT	2.6E-08	3.2E-00	2.0E-08	3.0E-08	1.0E-08	1.0E-06	4.3E-00	0.0E+00
TEEN	2.6E-08	4.1E-00	5.2E-08	6.0E-08	3.2E-08	1.6E-06	0.6E-00	0.0E+00
CHILD	2.3E-08	3.3E-00	1.2E-07	1.2E-07	5.3E-08	3.3E-06	1.3E-00	0.0E+00
INFNT	2.7E-08	3.3E-00	2.0E-07	2.4E-07	0.7E-08	7.0E-06	2.4E-00	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	4.0E-00	3.1E-08	3.6E-00	7.3E-00	7.0E-00	5.0E-07	2.7E-07	0.0E+00
TEEN	5.1E-00	2.0E-08	5.1E-00	0.3E-00	1.0E-08	7.6E-07	3.0E-07	0.0E+00
CHILD	4.0E-00	1.1E-08	6.0E-00	0.0E-00	0.3E-00	0.4E-07	3.2E-07	0.0E+00
INFNT	2.0E-00	4.2E-00	4.0E-00	7.0E-00	6.0E-00	8.6E-07	2.2E-07	0.0E+00

ENTER: (SO) START OVER
(EX) EXIT
(RETURN) CONTINUE

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 05 7 1 1 THRU 05 03024

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	0.6E-07
TEEN	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	0.6E-07
CHILD	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	0.6E-07
INFNT	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	3.0E-07	0.6E-07

GROUND PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.7E-06
TEEN	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.7E-06
CHILD	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	0.6E-06	1.5E-06	1.7E-06
INFNT	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.5E-06	1.7E-06

VEGET PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	2.1E-07	0.4E-07	1.2E-07	2.2E-07	7.6E-08	3.6E-06	2.1E-08	0.0E+00
TEEN	2.4E-07	0.1E-07	1.0E-07	3.2E-07	1.0E-07	3.0E-06	3.5E-08	0.0E+00
CHILD	3.6E-07	5.0E-07	4.4E-07	5.3E-07	1.6E-07	4.6E-06	5.3E-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

MEAT PATHWAY, DIST GP= 1, 6010. METERS, WINDS TOWARD E

ADULT	5.4E-00	4.2E-00	1.3E-00	3.0E-00	7.4E-10	3.0E-00	3.3E-10	0.0E+00
TEEN	3.0E-00	2.2E-00	1.1E-00	3.1E-00	5.0E-10	2.0E-00	2.0E-10	0.0E+00
CHILD	5.7E-00	1.1E-00	2.0E-00	3.0E-00	7.5E-10	4.3E-00	3.3E-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

COV PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD E

ADULT	0.3E-00	0.7E-00	0.5E-00	1.2E-00	7.7E-00	0.3E-07	1.1E-00	0.0E+00
TEEN	0.5E-00	1.0E-00	1.5E-00	2.1E-00	1.4E-00	1.3E-06	2.3E-00	0.0E+00
CHILD	1.2E-00	7.0E-00	3.7E-00	3.7E-00	2.3E-00	2.6E-06	3.5E-00	0.0E+00
INFNT	1.7E-00	6.3E-00	6.3E-00	7.6E-00	3.0E-00	6.4E-06	6.2E-00	0.0E+00

GOAT PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD E

ADULT	2.0E-00	2.6E-00	2.2E-00	3.1E-00	1.5E-00	1.0E-06	3.3E-00	0.0E+00
TEEN	2.0E-00	3.3E-00	4.0E-00	5.4E-00	2.6E-00	1.6E-06	6.6E-00	0.0E+00
CHILD	1.0E-00	2.7E-00	0.6E-00	0.3E-00	4.4E-00	3.1E-06	1.0E-00	0.0E+00
INFNT	2.3E-00	2.0E-00	1.6E-07	1.0E-07	7.2E-00	7.7E-06	1.0E-00	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	3.7E-00	2.1E-00	2.6E-00	5.4E-00	5.0E-00	4.5E-07	1.0E-07	0.0E+00
TEEN	3.0E-00	1.0E-00	3.7E-00	6.0E-00	7.6E-00	5.0E-07	2.6E-07	0.0E+00
CHILD	3.6E-00	0.0E+00	4.0E-00	6.6E-00	7.0E-00	7.1E-07	2.1E-07	0.0E+00
INFNT	2.2E-00	3.0E-00	5.2E-00	5.2E-00	4.5E-00	6.5E-07	1.5E-07	0.0E+00

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

THIS IS TOTAL ACCUMULATION
INDIVIDUAL DOSE(S) DUE TO GASEOUS EFFLUENT
FOR DATES 05 7 1 1 THRU 05 03024

1. BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	3.7E-06
TEEN	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	3.7E-06
CHILD	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	3.7E-06
INFNT	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	1.6E-06	3.7E-06

GROUND PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	4.2E-06
TEEN	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	4.2E-06
CHILD	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	4.2E-06
INFNT	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	3.5E-06	4.2E-06

VEGET PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	5.0E-07	2.2E-06	2.0E-07	5.3E-07	1.0E-07	0.0E-06	5.4E-08	0.0E+00
TEEN	5.7E-07	2.2E-06	4.5E-07	7.0E-07	2.5E-07	6.6E-06	0.0E-08	0.0E+00
CHILD	0.6E-07	1.4E-06	1.1E-06	1.3E-06	4.0E-07	1.0E-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, 3062. METERS, WINDS TOWARD ENE

ADULT	4.2E-00	3.3E-07	1.0E-00	3.1E-00	5.0E-00	2.0E-07	2.7E-00	0.0E+00
TEEN	3.1E-00	1.7E-07	0.5E-00	2.4E-00	4.7E-00	2.0E-07	2.3E-00	0.0E+00
CHILD	4.4E-00	0.7E-00	1.6E-00	3.0E-00	5.0E-00	3.1E-07	2.7E-00	0.0E+00
INFNT	0.6E+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	2.3E-00	2.4E-00	2.3E-00	3.4E-00	2.1E-00	2.1E-06	3.3E-00	0.0E+00
TEEN	2.6E-00	2.6E-00	4.2E-00	5.0E-00	3.6E-00	3.4E-06	6.5E-00	0.0E+00
CHILD	3.2E-00	1.0E-00	1.0E-07	1.0E-07	6.0E-00	6.7E-06	1.0E-00	0.0E+00
INFNT	4.7E-00	1.7E-00	1.7E-07	2.1E-07	1.0E-07	1.6E-05	1.0E-00	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD ENE

ADULT	5.6E-00	7.3E-00	6.1E-00	0.5E-00	4.1E-00	2.5E-06	0.4E-00	0.0E+00
TEEN	5.6E-00	0.3E-00	1.1E-07	1.5E-07	7.2E-00	4.0E-06	1.0E-00	0.0E+00
CHILD	5.1E-00	7.0E-00	2.7E-07	2.6E-07	1.2E-07	0.0E-06	2.0E-00	0.0E+00
INFNT	6.3E-00	0.3E-00	4.4E-07	5.2E-07	2.0E-07	1.0E-05	5.2E-00	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	1.3E-00	7.0E-00	0.0E-00	1.0E-00	2.0E-00	1.5E-06	5.0E-07	0.0E+00
TEEN	1.4E-00	6.4E-00	1.2E-00	2.4E-00	2.6E-00	2.0E-06	0.5E-07	0.0E+00
CHILD	1.3E-00	2.7E-00	1.7E-00	2.2E-00	2.4E-00	2.4E-06	7.0E-07	0.0E+00
INFNT	7.6E-00	1.0E-00	1.2E-00	1.0E-00	1.5E-00	2.2E-06	4.0E-07	0.0E+00

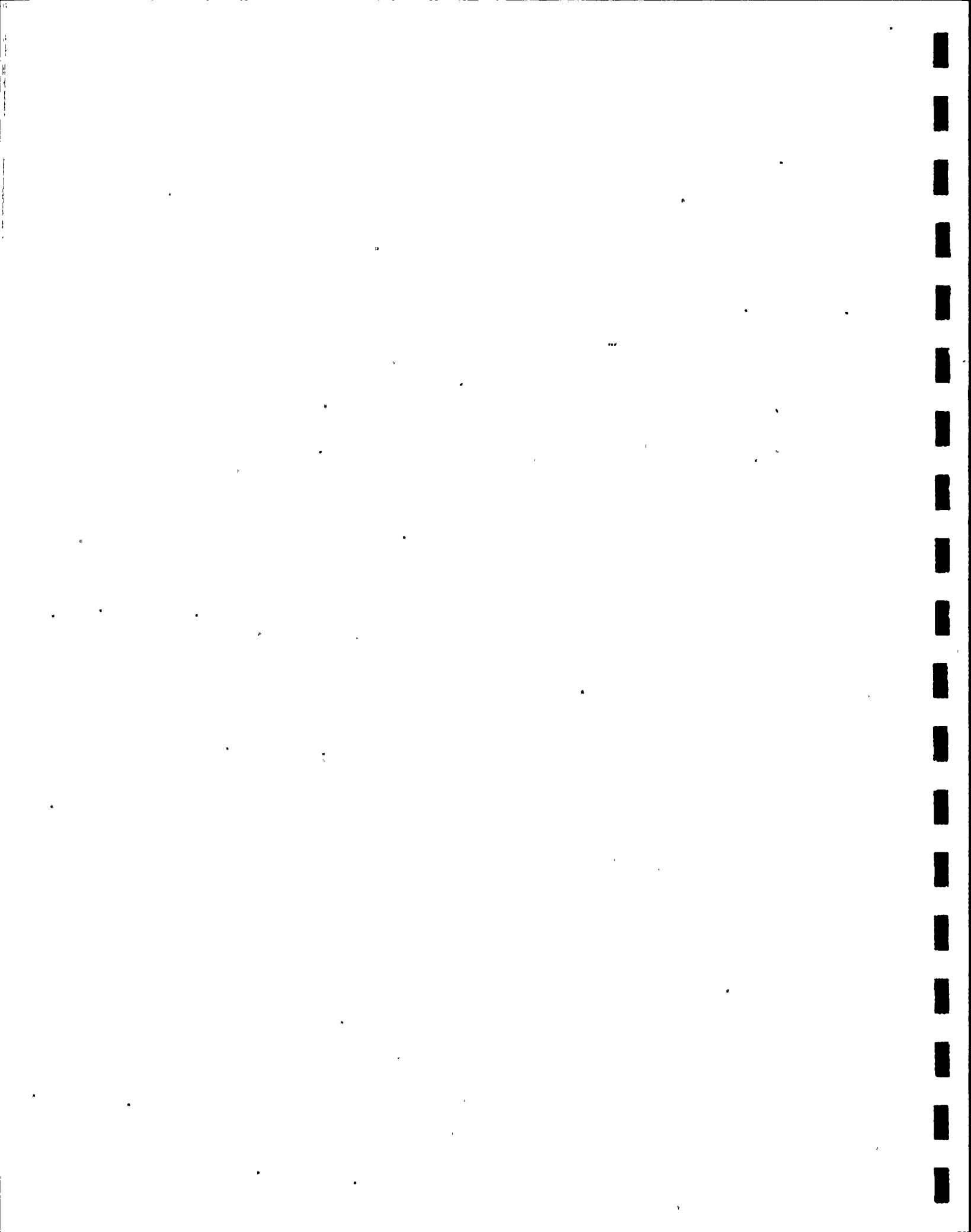
ENTER: (SO) START OVER
(EX) EXIT
(RETURN) CONTINUE

APPENDIX 1.3

SUMMARY OF MAXIMUM INDIVIDUAL DOSES
FOR FOURTH QUARTER OF 1984

SUMMARY OF MAXIMUM INDIVIDUAL DOSES - 4TH QUARTER
1985

EFFLUENT	APPLICABLE ORGAN	ESTIMATED DOSE (MREM)	AGE GROUP	LOCATION DIST DIR (M)(Toward)	% OF APPLICABLE LIMIT	QUARTERLY LIMIT (MR)
Liquid	Total Body	9.88 E-2	Adult	Receptor 1	6.59 E 0	1.5
Liquid	Liver	1.33 E-1	Teen	Receptor 1	2.66 E 0	5.0
Noble Gas	Air Dose (Gamma-mrad)	3.49 E-4	All	617 NNE	6.98 E-3	5.0
Noble Gas	Air Dose (Beta-mrad)	2.46 E-3	All	617 NNE	2.46 E-2	10.0
Noble Gas	Total Body	8.90 E-5	All	814 NNE	1.78 E-3	Yearly 5.0
Noble Gas	Skin	7.85 E-4	All	814 NNE	5.23 E-3	Yearly 15.0
Iodines and Particulates	Liver	9.83 E-2	Child	914 SE	1.31 E 0	7.5



FOR RECEPTOR NUMBER 1

LAST LIQUID DOSE ACCUMULATIONS(REM)
 START DATE 8518 1 1 END DATE 85123124
 BONE LIVER T.BODY THYRD KIDNEY LUNG GI-LLI SKIN

WATER								
ADULT	4.7E-07	5.2E-06	5.0E-06	4.6E-06	4.6E-06	4.4E-06	5.2E-06	0.0E+00
TEEN	4.6E-07	3.0E-06	3.4E-06	3.3E-06	3.2E-06	3.1E-06	3.0E-06	0.0E+00
CHILD	1.3E-08	7.5E-06	6.2E-06	6.4E-06	6.3E-06	6.0E-06	6.3E-06	0.0E+00
INFANT	1.3E-08	7.0E-06	6.1E-06	6.6E-06	6.2E-06	5.0E-06	6.0E-06	0.0E+00
SHORE								
ADULT	0.6E-08	0.6E-08	0.6E-08	0.6E-08	0.6E-08	0.6E-08	0.6E-08	1.1E-07
TEEN	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	5.3E-07	6.2E-07
CHILD	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.1E-07	1.3E-07
INFANT	0.6E+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	7.0E-05	1.3E-04	0.4E-05	5.0E-07	4.2E-05	1.4E-05	1.1E-04	0.0E+00
TEEN	7.3E-05	1.2E-04	5.4E-05	4.0E-07	4.9E-05	1.6E-05	7.0E-05	0.0E+00
CHILD	0.1E-05	1.1E-04	2.1E-05	4.6E-07	3.6E-05	1.3E-05	2.0E-05	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, [80] START OVER, [EX] EXIT

LAST LIQUID DOSE ACCUMULATION(REM)
 START DATE 0510 1 1 END DATE 05123124
 BONE LIVER T.BODY THYRD KIDNEY LUNG GI-LLI SKIN
 TOTAL
 ADULT 7.0E-05 1.3E-04 0.0E-05 5.3E-06 4.7E-05 1.0E-05 1.2E-04 1.1E-07
 TEEN 7.4E-05 1.3E-04 5.7E-05 4.3E-05 4.6E-05 2.0E-05 0.3E-05 6.2E-07
 CHILD 0.2E-05 1.2E-04 2.7E-05 6.0E-06 4.2E-05 1.0E-05 3.5E-05 1.3E-07
 INFANT 1.3E-06 7.0E-06 0.1E-06 6.6E-06 6.2E-06 5.0E-06 6.0E-06 0.0E+00
 ENTER: (N) RECEPTOR NUMBER (1-5)
 (EX) EXIT
 (RETURN) GO BACK TO PREVIOUS OPTION

DOSE TYPE

ENTER: [GA]

GAMMA

[BE]

BETA

[RETURN] GO BACK TO PREVIOUS OPTION

GA

DATES OF LAST AIR DOSE ACCUMULATION ARE FROM 0510 1 1 0 TO 05123124 0

DOSE ACCUMULATION FOR GAMMA

RAD

FOR RELEASE POINT 1

**DIRECTION FROM N

3.1556E-10	1.5363E-11	0.2332E-12	6.5028E-12	5.1267E-12
3.0760E-12	1.5370E-12	0.2275E-13	6.5011E-13	4.6180E-13

**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

4.6430E-09	4.6234E-10	1.0701E-10	1.1803E-10	7.3810E-11
3.2457E-11	1.0605E-11	4.0800E-12	3.1370E-12	1.0000E-12

**DIRECTION FROM E

7.1355E-08	8.1320E-09	3.5640E-09	2.0161E-09	1.3560E-09
6.1004E-10	2.0020E-10	0.5450E-11	5.7525E-11	3.2055E-11

**DIRECTION FROM ESE

4.1003E-08	4.4310E-09	1.0350E-09	1.0005E-09	7.4372E-10
3.4370E-10	1.1002E-10	5.5420E-11	3.3074E-11	1.0735E-11

**DIRECTION FROM SE

2.0704E-08	2.3055E-09	1.0520E-09	5.0630E-10	4.0105E-10
1.0303E-10	6.2270E-11	2.0356E-11	1.7018E-11	0.6610E-12

**DIRECTION FROM SSE

2.0047E-08	3.4640E-09	1.5220E-09	0.6262E-10	5.0130E-10
2.6500E-10	0.0060E-11	4.1014E-11	2.4614E-11	1.3075E-11

**DIRECTION FROM S

5.6125E-09	7.0603E-10	3.5772E-10	2.0553E-10	1.4465E-10
7.3620E-11	2.0526E-11	1.4066E-11	0.0607E-12	5.5040E-12

**DIRECTION FROM SSV

2.1420E-08	2.5055E-09	1.1450E-09	6.5132E-10	4.4374E-10
2.0876E-10	7.3407E-11	3.4304E-11	2.0007E-11	1.2312E-11

**DIRECTION FROM SW

1.0835E-08	2.2050E-09	1.0007E-09	5.7135E-10	3.0500E-10
1.7611E-10	5.0656E-11	2.7166E-11	1.6303E-11	0.2563E-12

**DIRECTION FROM WSW

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 W

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 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

1.5753E-09	7.6604E-11	4.6003E-11	3.2012E-11	2.5503E-11
1.5355E-11	7.6774E-12	4.6064E-12	3.2003E-12	2.3010E-12

DISTANCES USED IN CALCULATIONS

504.0 2416.0 4020.0 5630.0 7240.0

12067.0 24135.0 40225.0 56315.0 80500.0

ENTER: [RETURN] WHEN READY TO CONTINUE

FOR RELEASE POINT 2

**DIRECTION FROM N				
1.8750E-07	2.4712E-00	1.1167E-08	6.4846E-00	4.4738E-00
2.2360E-00	8.5086E-10	4.1643E-10	2.6426E-10	1.6357E-10
**DIRECTION FROM NNE				
3.1010E-08	3.5845E-00	1.5367E-00	8.7140E-10	5.8806E-10
2.7211E-10	0.4243E-11	4.4232E-11	2.7388E-11	1.6261E-11
**DIRECTION FROM NE				
1.3876E-07	1.6640E-08	7.3063E-00	4.2144E-00	2.0017E-00
1.3874E-00	5.0310E-10	2.4881E-10	1.5070E-10	0.1406E-11
**DIRECTION FROM ENE				
1.2706E-07	1.4380E-08	6.2705E-00	3.5616E-00	2.4842E-00
1.1856E-00	3.7023E-10	1.7545E-10	1.0600E-10	6.2104E-11
**DIRECTION FROM E				
1.0013E-07	2.1724E-00	0.5620E-00	5.4462E-00	3.6880E-00
1.7114E-00	5.0841E-10	2.0240E-10	1.7553E-10	1.0404E-10
**DIRECTION FROM ESE				
2.5251E-07	2.0274E-08	1.2528E-08	7.1404E-00	4.8474E-00
2.2528E-00	7.8005E-10	3.7105E-10	2.2063E-10	1.3662E-10
**DIRECTION FROM SE				
3.2802E-07	3.0510E-00	1.7060E-08	1.0420E-08	7.1735E-00
3.4410E-00	1.2646E-00	6.8025E-10	3.8233E-10	2.3280E-10
**DIRECTION FROM SSE				
3.0680E-07	3.7343E-08	1.7465E-08	1.0320E-08	7.2804E-00
3.5403E-00	1.3560E-00	6.6631E-10	4.2202E-10	2.6210E-10
**DIRECTION FROM S				
2.1027E-07	2.5152E-08	1.1627E-08	6.8161E-00	4.7556E-00
2.3548E-00	8.0831E-10	4.4037E-10	2.7026E-10	1.7330E-10
**DIRECTION FROM SSW				
3.4804E-07	3.0864E-08	1.0542E-08	1.0064E-08	7.6340E-00
3.7555E-00	1.4353E-00	7.0770E-10	4.5803E-10	2.8802E-10
**DIRECTION FROM SW				
2.0834E-07	3.6488E-08	1.6437E-08	0.4736E-00	6.5360E-00
3.6680E-00	1.1602E-00	5.6440E-10	3.5466E-10	2.1503E-10
**DIRECTION FROM WSW				
1.1073E-07	1.2808E-08	5.6678E-00	3.2468E-00	2.2285E-00
1.8607E-00	3.0165E-10	1.0853E-10	1.2871E-10	7.4809E-11
**DIRECTION FROM W				
1.5631E-07	1.5320E-08	6.6522E-00	3.7817E-00	2.5640E-00
1.1008E-00	4.2608E-10	2.8684E-10	1.3162E-10	8.1803E-11
**DIRECTION FROM WNW				
1.5518E-07	1.5670E-08	6.7644E-00	3.8144E-00	2.5673E-00
1.1806E-00	4.0088E-10	1.0515E-10	1.2355E-10	7.5623E-11
**DIRECTION FROM NW				
1.8374E-07	1.8182E-08	7.9173E-00	4.5804E-00	3.8710E-00
1.4513E-00	5.2330E-10	2.5510E-10	1.6207E-10	1.0894E-10
**DIRECTION FROM NNW				
6.0104E-08	7.3162E-00	3.2315E-00	1.8511E-00	1.2610E-00
5.0558E-10	2.1420E-10	1.0332E-10	6.5250E-11	3.0861E-11

DISTANCES USED IN CALCULATIONS

504.0 2416.0 4820.0 5630.0 7240.0
12087.0 24135.0 48225.0 56315.0 80500.0

ENTER (RETURN) WHEN READY TO CONTINUE

(

DOSE TYPE

ENTER: (GA) GAMMA
(BE) BETA
(RETURN) GO BACK TO PREVIOUS OPTION

BE

DATES OF LAST AIR DOSE ACCUMULATION ARE FROM 8518 1 1 8 TO 85123124 0

DOSE ACCUMULATION FOR BETA

RAD

FOR RELEASE POINT 1

**DIRECTION FROM N

3.2274E-08	1.5713E-09	0.4434E-10	6.7420E-10	5.2434E-10
3.1460E-10	1.5720E-10	0.4375E-11	6.7411E-11	4.7158E-11

**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

5.2660E-07	5.2427E-08	2.2340E-09	1.2476E-08	8.2700E-09
3.6804E-09	1.2127E-09	5.6573E-10	3.5572E-10	2.1532E-10

**DIRECTION FROM E

2.5632E-06	2.0251E-07	1.2301E-07	6.0382E-08	4.6548E-08
2.1113E-08	7.0955E-09	3.2534E-09	1.0703E-09	1.0440E-09

**DIRECTION FROM ESE

0.0223E-07	5.7175E-08	2.3657E-08	1.3703E-08	0.6038E-09
4.8047E-09	1.0100E-09	1.0133E-09	6.7724E-10	4.4140E-10

**DIRECTION FROM SE

1.6021E-06	1.0577E-07	0.6840E-08	4.8740E-08	3.2840E-08
1.5024E-08	5.0800E-09	2.3174E-09	1.3000E-09	7.8062E-10

**DIRECTION FROM SSE

3.3050E-06	3.0200E-07	1.7260E-07	0.7816E-08	6.5026E-08
3.0151E-08	1.0213E-08	4.6500E-09	2.7011E-09	1.5847E-09

**DIRECTION FROM S

5.2027E-07	7.2064E-08	3.3161E-08	1.0052E-08	1.3400E-08
6.0254E-09	2.6444E-09	1.3030E-09	0.3130E-10	5.1064E-10

**DIRECTION FROM SSW

2.1064E-06	2.5355E-07	1.1233E-07	6.3033E-08	4.3463E-08
2.0416E-08	7.1740E-09	3.3443E-09	2.0450E-09	1.1073E-09

**DIRECTION FROM SW

1.0781E-06	2.2887E-07	1.0060E-07	5.6000E-08	3.0403E-08
1.7564E-08	5.0404E-09	2.7802E-09	1.6250E-09	0.2312E-10

**DIRECTION FROM WSW

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 W

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 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

1.6111E-07	7.0440E-09	4.7142E-09	3.3661E-09	2.6176E-09
1.5705E-09	7.0521E-10	4.7113E-10	3.3652E-10	2.3542E-10

DISTANCES USED IN CALCULATIONS

504.0 2416.0 4020.0 5630.0 7240.0
12067.0 24135.0 40225.0 56315.0 80500.0
ENTER: (RETURN) WHEN READY TO CONTINUE

FOR RELEASE POINT 2

**DIRECTION FROM N			
2.4160E-07	3.2150E-08	1.4550E-08	8.3540E-08
2.0340E-08	1.1215E-08	5.5826E-10	3.4071E-10
**DIRECTION FROM NNE			
4.2113E-08	4.6481E-08	2.0420E-08	1.1684E-08
3.6442E-10	1.2608E-10	5.0674E-11	3.6030E-11
**DIRECTION FROM NE			
1.7530E-07	2.1845E-08	0.3751E-08	5.3516E-08
1.7573E-08	6.3623E-10	3.0302E-10	1.8040E-10
**DIRECTION FROM ENE			
1.5028E-07	1.8166E-08	8.0114E-08	4.5558E-08
1.4280E-08	4.0526E-10	2.3825E-10	1.4870E-10
**DIRECTION FROM E			
2.4372E-07	2.7883E-08	1.2101E-08	6.0620E-08
2.2400E-08	8.8488E-10	3.8522E-10	2.4146E-10
**DIRECTION FROM ESE			
3.1850E-07	3.6054E-08	1.6146E-08	9.2013E-08
2.0876E-08	1.8606E-08	5.8484E-10	3.1734E-10
**DIRECTION FROM SE			
4.3785E-07	5.3108E-08	2.4331E-08	1.4102E-08
4.7966E-08	1.7812E-08	8.6426E-10	5.3453E-10
**DIRECTION FROM SSE			
4.4875E-07	6.3748E-08	2.5320E-08	1.5858E-08
6.2172E-08	2.0112E-08	0.0127E-10	6.3464E-10
**DIRECTION FROM S			
2.8083E-07	3.4087E-08	1.6234E-08	9.5417E-08
3.3176E-08	1.2737E-08	6.2670E-10	3.0856E-10
**DIRECTION FROM SSW			
5.0217E-07	6.7845E-08	2.8976E-08	1.5078E-08
5.4784E-08	2.8040E-08	1.8374E-08	6.6218E-10
**DIRECTION FROM SW			
4.4687E-07	6.4534E-08	2.4655E-08	1.4225E-08
4.7554E-08	1.7678E-08	8.4066E-10	6.3373E-10
**DIRECTION FROM WSW			
1.1887E-07	1.8122E-08	8.0211E-08	4.6087E-08
1.5182E-08	6.6711E-10	2.7153E-10	1.7221E-10
**DIRECTION FROM W			
2.2338E-07	2.1822E-08	0.4726E-08	5.3886E-08
1.7881E-08	6.0771E-10	2.0441E-10	1.8735E-10
**DIRECTION FROM WNW			
2.3284E-07	2.3513E-08	1.8146E-08	5.7217E-08
1.7736E-08	6.1517E-10	2.0330E-10	1.8610E-10
**DIRECTION FROM NW			
2.6762E-07	2.5226E-08	1.8977E-08	6.2557E-08
2.8171E-08	7.2055E-10	3.5606E-10	2.2856E-10
**DIRECTION FROM NNW			
8.4688E-08	8.8436E-08	3.0602E-08	2.2048E-08
7.4680E-10	2.7401E-10	1.3415E-10	8.5644E-11

DISTANCES USED IN CALCULATIONS

504.0 2416.0 4828.0 5630.0 7240.0
 12087.0 24135.0 48225.0 56315.0 80580.0
 ENTER: (RETURN) WHEN READY TO CONTINUE

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 8510 1 1 THRU 85123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE

ADULT	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	7.0E-07
TEEN	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	7.0E-07
CHILD	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	7.0E-07
INFNT	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	8.0E-08	7.0E-07

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	1.2E-05	6.0E-06	8.0E-06	1.6E-06	5.0E-06	2.7E-07	1.6E-06	8.0E+00
TEEN	1.6E-06	8.0E-06	1.3E-05	2.3E-05	7.6E-06	2.2E-07	2.0E-06	8.0E+00
CHILD	8.6E-06	4.4E-06	3.1E-05	3.0E-05	1.2E-05	3.4E-07	4.3E-06	8.0E+00
INFNT	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00

MEAT PATHWAY, DIST GP= 1, 7725. METERS, WINDS TOWARD NNE

ADULT	3.1E-08	6.6E-08	1.0E-08	3.7E-08	1.1E-08	7.2E-10	3.7E-08	8.0E+00
TEEN	1.6E-08	3.6E-08	1.6E-08	2.0E-08	8.0E-09	5.2E-10	3.4E-08	8.0E+00
CHILD	1.3E-08	1.8E-08	2.0E-08	3.7E-08	1.1E-08	7.0E-10	4.0E-08	8.0E+00
INFNT	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00	8.0E+00

COV PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD NNE

ADULT	2.8E-07	1.7E-08	1.5E-07	2.7E-07	8.0E-08	1.8E-08	3.8E-08	8.0E+00
TEEN	1.0E-07	2.1E-08	2.7E-07	4.7E-07	1.5E-07	2.0E-08	6.0E-08	8.0E+00
CHILD	1.5E-07	1.4E-08	6.5E-07	7.0E-07	2.5E-07	5.0E-08	8.0E-08	8.0E+00
INFNT	1.3E-07	1.2E-08	1.0E-06	1.5E-06	3.0E-07	1.4E-07	1.6E-07	8.0E+00

GCAT PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD NNE

ADULT	6.6E-07	1.6E-08	4.6E-07	8.1E-07	2.7E-07	2.2E-08	8.0E-08	8.0E+00
TEEN	5.0E-07	2.1E-08	8.2E-07	1.4E-06	4.6E-07	3.5E-08	1.8E-07	8.0E+00
CHILD	4.2E-07	1.5E-08	1.0E-06	2.4E-06	7.5E-07	6.0E-08	2.7E-07	8.0E+00
INFNT	3.0E-07	1.4E-08	3.1E-06	4.5E-06	1.2E-06	1.7E-07	4.8E-07	8.0E+00

INHAL PATHWAY, DIST GP= 1, 814. METERS, WINDS TOWARD NNE

ADULT	1.7E-07	2.3E-07	1.3E-07	2.2E-07	7.0E-08	3.2E-08	2.7E-06	8.0E+00
TEEN	1.3E-07	2.1E-07	1.0E-07	2.0E-07	1.0E-07	3.0E-08	3.0E-06	8.0E+00
CHILD	6.3E-08	7.6E-08	2.4E-07	2.7E-07	9.4E-08	4.5E-08	3.2E-06	8.0E+00
INFNT	2.4E-08	2.5E-08	1.5E-07	1.0E-07	5.5E-08	4.1E-08	2.2E-06	8.0E+00

ENTER: (SO) START OVER
(IDX) EXIT
(RETURN) CONTINUE

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 8518 1 1 THRU 85123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.0E-08	5.0E-07
TEEN	6.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.0E-08	5.0E-07
CHILD	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.0E-08	5.0E-07
INFNT	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.3E-08	5.0E-08	5.0E-07

GROUND PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.7E-05
TEEN	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.7E-05
CHILD	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.7E-05
INFNT	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.7E-05

VEGET PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	4.2E-06	4.1E-06	3.0E-06	5.5E-06	1.0E-06	2.0E-07	5.7E-07	0.0E+00
TEEN	3.0E-06	4.0E-06	4.7E-06	0.3E-06	2.7E-06	1.7E-07	1.0E-06	0.0E+00
CHILD	3.5E-06	2.6E-06	1.1E-06	1.4E-06	4.2E-06	2.5E-07	1.5E-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, 7726. METERS, WINDS TOWARD NE

ADULT	1.0E-08	6.1E-08	1.0E-08	2.1E-08	6.0E-08	0.4E-10	2.0E-08	0.0E+00
TEEN	1.0E-08	3.3E-08	0.4E-08	1.6E-08	4.0E-08	6.0E-10	1.0E-08	0.0E+00
CHILD	0.0E+00	1.7E-08	1.5E-08	2.1E-08	5.0E-08	0.1E-10	2.1E-08	0.0E+00
INFNT	0.6E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.6E+00	0.0E+00	0.6E+00

COV PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NE

ADULT	1.1E-07	1.4E-08	0.2E-08	1.4E-07	4.0E-08	2.1E-08	1.6E-08	0.0E+00
TEEN	1.0E-07	1.6E-08	1.5E-07	2.5E-07	0.3E-08	3.4E-08	3.2E-08	0.0E+00
CHILD	0.0E+00	1.1E-08	3.5E-07	4.2E-07	1.3E-07	6.7E-08	4.0E-08	0.0E+00
INFNT	7.5E-08	0.6E-08	5.5E-07	7.0E-07	2.1E-07	1.6E-07	0.5E-08	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD NE

ADULT	3.2E-07	0.3E-08	2.5E-07	4.3E-07	1.4E-07	2.6E-08	4.0E-08	0.0E+00
TEEN	3.1E-07	1.2E-08	4.4E-07	7.5E-07	2.5E-07	4.1E-08	0.5E-08	0.0E+00
CHILD	2.3E-07	0.4E-08	1.0E-06	1.3E-06	4.0E-07	0.0E-08	1.4E-07	0.0E+00
INFNT	2.0E-07	7.0E-08	1.7E-06	2.4E-06	6.2E-07	2.0E-07	2.5E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD NE

ADULT	5.2E-08	0.3E-08	4.0E-08	6.7E-08	2.5E-08	1.7E-08	0.0E-07	0.0E+00
TEEN	4.1E-08	7.5E-08	5.6E-08	0.0E-08	3.3E-08	2.1E-08	1.4E-06	0.0E+00
CHILD	2.0E-08	2.0E-08	7.4E-08	0.4E-08	2.0E-08	2.3E-08	1.2E-06	0.0E+00
INFNT	0.0E+00	0.3E-08	4.5E-08	5.0E-08	1.7E-08	2.1E-08	7.0E-07	0.0E+00

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

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 0510 1 1 THRU 05123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	1.7E-00
TEEN	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	1.7E-00
CHILD	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	1.7E-00
INFNT	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	7.0E-00	1.7E-00

GROUND PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	6.0E-06
TEEN	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	6.0E-06
CHILD	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	6.0E-06
INFNT	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	5.0E-06	6.0E-06

VEGET PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	1.7E-06	1.6E-06	1.2E-06	2.2E-06	7.1E-07	6.6E-08	2.3E-07	0.0E+00
TEEN	1.6E-06	1.6E-06	1.0E-06	3.4E-06	1.1E-06	5.4E-08	4.1E-07	0.0E+00
CHILD	1.4E-06	1.0E-06	4.4E-06	5.5E-06	1.7E-06	0.2E-08	6.0E-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, 3062. METERS, WINDS TOWARD ENE

ADULT	6.0E-08	2.2E-07	3.0E-08	7.6E-08	2.2E-08	2.5E-09	7.4E-09	0.0E+00
TEEN	3.7E-08	1.2E-07	3.1E-08	8.0E-08	1.0E-08	1.0E-09	6.7E-09	0.0E+00
CHILD	3.6E-08	6.0E-08	5.6E-08	7.6E-08	2.2E-08	2.7E-09	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

COV PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD ENE

ADULT	1.1E-07	1.4E-08	0.5E-08	1.5E-07	5.0E-08	1.0E-08	1.6E-08	0.0E+00
TEEN	1.1E-07	1.6E-08	1.5E-07	2.6E-07	0.6E-08	2.0E-08	3.3E-08	0.0E+00
CHILD	0.2E-08	1.1E-08	3.6E-07	4.4E-07	1.4E-07	5.6E-08	5.0E-08	0.0E+00
INFNT	7.0E-08	0.7E-09	6.0E-07	0.3E-07	2.2E-07	1.3E-07	0.8E-08	0.0E+00

GOAT PATHWAY, DIST GP= 1, 0045. METERS, WINDS TOWARD ENE

ADULT	3.3E-07	0.6E-09	2.6E-07	4.5E-07	1.5E-07	2.1E-08	4.0E-08	0.0E+00
TEEN	3.2E-07	1.2E-08	4.6E-07	7.0E-07	2.6E-07	3.4E-08	0.0E-08	0.0E+00
CHILD	2.3E-07	0.7E-09	1.1E-06	1.3E-06	4.2E-07	6.7E-08	1.5E-07	0.0E+00
INFNT	2.1E-07	0.1E-09	1.7E-06	2.5E-06	6.5E-07	1.6E-07	2.6E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1052. METERS, WINDS TOWARD ENE

ADULT	1.0E-08	2.0E-08	1.5E-08	2.5E-08	0.0E-00	3.0E-08	2.4E-07	0.0E+00
TEEN	1.5E-08	1.0E-08	2.1E-08	3.4E-08	1.2E-08	3.0E-08	3.5E-07	0.0E+00
CHILD	6.0E-09	6.7E-09	2.7E-08	3.1E-08	1.1E-08	4.3E-09	2.8E-07	0.0E+00
INFNT	2.6E-09	2.2E-09	1.7E-08	2.2E-08	6.3E-09	3.0E-09	1.0E-07	0.0E+00

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

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 0510 1 1 THRU 05123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.2E-00	2.4E-00
TEEN	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.2E-00	2.4E-00
CHILD	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.2E-00	2.4E-00
INFNT	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.1E-00	1.2E-00	2.4E-00

GROUND PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.8E-05
TEEN	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.8E-05
CHILD	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.8E-05
INFNT	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.5E-05	1.8E-05

VEGET PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	7.8E-06	2.7E-06	5.7E-06	1.8E-06	3.3E-06	1.6E-07	1.1E-06	0.0E+00
TEEN	6.5E-06	2.7E-06	0.6E-06	1.5E-06	6.0E-06	1.3E-07	1.0E-06	0.0E+00
CHILD	5.2E-06	1.7E-06	2.1E-06	2.5E-06	0.8E-06	2.8E-07	2.6E-06	0.0E+00
INFNT	0.0E+00	0.6E+00	0.6E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

HEAT PATHWAY, DIST GP= 1, 6010. METERS, WINDS TOWARD E

ADULT	0.1E-00	1.1E-07	5.5E-00	1.0E-07	3.2E-00	1.0E-00	1.1E-00	0.0E+00
TEEN	3.0E-00	6.6E-00	4.5E-00	0.1E-00	2.5E-00	1.3E-00	0.0E-00	0.0E+00
CHILD	3.0E-00	2.0E-00	0.2E-00	1.0E-07	3.1E-00	2.0E-00	1.1E-00	0.0E+00
INFNT	0.0E+00	0.6E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

COV PATHWAY, DIST GP= 1, 6045. METERS, WINDS TOWARD E

ADULT	4.6E-07	2.8E-00	3.5E-07	6.2E-07	2.0E-07	3.6E-00	6.0E-00	0.6E+00
TEEN	4.4E-07	3.3E-00	6.3E-07	1.1E-06	3.5E-07	6.0E-00	1.4E-07	0.0E+00
CHILD	3.3E-07	2.3E-00	1.5E-06	1.0E-06	5.7E-07	1.2E-07	2.1E-07	0.0E+00
INFNT	3.0E-07	2.0E-00	2.4E-06	3.4E-06	0.0E-07	2.0E-07	3.6E-07	0.0E+00

GOAT PATHWAY, DIST GP= 1, 6045. METERS, WINDS TOWARD E

ADULT	1.4E-06	3.6E-00	1.1E-06	1.0E-06	6.1E-07	4.5E-00	2.0E-07	0.0E+00
TEEN	1.3E-06	4.5E-00	1.0E-06	3.2E-06	1.1E-06	7.2E-00	4.1E-07	0.0E+00
CHILD	0.7E-07	3.3E-00	4.5E-06	5.4E-06	1.7E-06	1.4E-07	6.2E-07	0.0E+00
INFNT	0.7E-07	3.1E-00	7.1E-06	1.0E-05	2.7E-06	3.5E-07	1.1E-06	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1705. METERS, WINDS TOWARD E

ADULT	2.0E-00	1.0E-00	1.5E-00	2.6E-00	0.2E-00	4.0E-00	2.1E-07	0.0E+00
TEEN	1.5E-00	1.6E-00	2.1E-00	3.5E-00	1.2E-00	4.0E-00	3.1E-07	0.0E+00
CHILD	7.0E-00	6.0E-00	2.0E-00	3.2E-00	1.1E-00	5.5E-00	2.5E-07	0.0E+00
INFNT	2.6E-00	2.0E-00	1.7E-00	2.3E-00	6.5E-00	5.0E-00	1.7E-07	0.0E+00

ENTER: (SD) START OVER
(EX) EXIT
(RETURN) CONTINUE

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REH) DUE TO GASEOUS EFFLUENT
FOR DATES 0510 1 1 THRU 05123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.3E-08	2.7E-08
TEEN	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.3E-08	2.7E-08
CHILD	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.3E-08	2.7E-08
INFNT	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.3E-08	2.7E-08

GROUND PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	8.2E-06
TEEN	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	8.2E-06
CHILD	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	8.2E-06
INFNT	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	7.0E-06	8.2E-06

VEGET PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	2.0E-08	1.6E-06	2.0E-06	3.6E-06	1.2E-06	1.4E-07	3.0E-07	0.0E+00
TEEN	2.4E-06	1.6E-06	3.2E-06	5.6E-06	1.0E-06	1.2E-07	6.6E-07	0.0E+00
CHILD	2.0E-06	1.0E-06	7.4E-06	0.8E-06	2.0E-06	1.7E-07	1.0E-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, 2434. METERS, WINDS TOWARD ESE

ADULT	1.7E-07	3.6E-07	1.1E-07	2.8E-07	6.2E-08	8.6E-08	2.0E-08	0.0E+00
TEEN	0.8E-08	1.0E-07	0.6E-08	1.6E-07	4.0E-08	6.3E-08	1.0E-08	0.0E+00
CHILD	7.3E-08	0.8E-08	1.6E-07	2.8E-07	6.0E-08	0.4E-08	2.2E-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, 8845. METERS, WINDS TOWARD ESE

ADULT	1.5E-07	1.3E-08	1.2E-07	2.8E-07	6.7E-08	3.1E-08	2.2E-08	0.0E+00
TEEN	1.5E-07	1.5E-08	2.1E-07	3.5E-07	1.2E-07	4.0E-08	4.5E-08	0.0E+00
CHILD	1.1E-07	1.0E-08	4.0E-07	5.0E-07	1.0E-07	0.5E-08	6.7E-08	0.0E+00
INFNT	1.0E-07	0.2E-08	7.8E-07	1.1E-06	2.0E-07	2.3E-07	1.2E-07	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD ESE

ADULT	4.5E-07	1.2E-08	3.5E-07	6.1E-07	2.0E-07	3.7E-08	6.7E-08	0.0E+00
TEEN	4.3E-07	1.5E-08	6.2E-07	1.1E-06	1.5E-07	5.0E-08	1.3E-07	0.0E+00
CHILD	3.2E-07	1.1E-08	1.5E-06	1.8E-06	5.6E-07	1.1E-07	2.0E-07	0.0E+00
INFNT	2.0E-07	1.1E-08	2.3E-06	3.3E-06	8.0E-07	2.8E-07	3.6E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1620. METERS, WINDS TOWARD ESE

ADULT	1.2E-08	1.0E-08	0.6E-08	1.6E-08	5.0E-08	4.2E-08	2.1E-07	0.0E+00
TEEN	0.6E-08	1.6E-08	1.3E-08	2.1E-08	7.7E-08	5.1E-08	3.0E-07	0.0E+00
CHILD	4.7E-08	6.0E-08	1.8E-08	2.0E-08	7.0E-08	5.7E-08	2.5E-07	0.0E+00
INFNT	1.0E-08	2.0E-08	1.1E-08	1.4E-08	4.1E-08	5.2E-08	1.7E-07	0.0E+00

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

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 0510 1 1 THRU 05123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	0.1E-00
TEEN	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	0.1E-00
CHILD	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	0.1E-00
INFNT	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	3.0E-00	0.1E-00

GROUND PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	4.2E-05
TEEN	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	4.2E-05
CHILD	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	4.2E-05
INFNT	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	3.6E-05	4.2E-05

VEGET PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	1.6E-05	7.2E-06	1.2E-05	2.2E-05	7.1E-06	4.0E-07	2.3E-06	0.0E+00
TEEN	1.4E-05	7.2E-06	1.0E-05	3.3E-05	1.1E-05	4.6E-07	4.1E-06	0.0E+00
CHILD	1.1E-05	4.6E-06	4.4E-06	6.4E-05	1.7E-05	6.0E-07	6.1E-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	1.6E-07	2.3E-07	0.6E-08	1.0E-07	5.6E-08	4.6E-08	1.0E-08	0.0E+00
TEEN	7.1E-08	1.3E-07	7.6E-08	1.4E-07	4.4E-08	3.2E-08	1.7E-08	0.0E+00
CHILD	6.7E-08	6.4E-08	1.4E-07	1.0E-07	5.4E-08	4.0E-08	2.0E-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, 6840. METERS, WINDS TOWARD SE

ADULT	4.6E-07	3.2E-08	3.5E-07	6.2E-07	2.6E-07	5.3E-08	6.0E-08	0.0E+00
TEEN	4.4E-07	3.6E-08	6.3E-07	1.1E-06	3.5E-07	0.4E-08	1.4E-07	0.0E+00
CHILD	3.3E-07	2.6E-08	1.5E-06	1.0E-06	5.7E-07	1.7E-07	2.1E-07	0.0E+00
INFNT	3.0E-07	2.3E-08	2.4E-06	3.4E-06	0.0E-07	4.1E-07	3.6E-07	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SE

ADULT	1.0E-06	2.0E-08	0.0E-07	1.4E-06	4.6E-07	4.0E-08	1.5E-07	0.0E+00
TEEN	1.0E-06	3.5E-08	1.4E-06	2.4E-06	0.0E-07	7.7E-08	3.1E-07	0.0E+00
CHILD	7.3E-07	2.5E-08	3.4E-06	4.1E-06	1.3E-06	1.5E-07	4.6E-07	0.0E+00
INFNT	6.6E-07	2.4E-08	5.4E-06	7.7E-06	2.0E-06	3.7E-07	0.2E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 014. METERS, WINDS TOWARD SE

ADULT	7.0E-08	7.4E-08	6.1E-08	1.0E-07	3.6E-08	1.4E-08	0.7E-07	0.0E+00
TEEN	6.0E-08	6.7E-08	0.4E-08	1.4E-07	4.0E-08	1.7E-08	1.3E-06	0.0E+00
CHILD	2.0E-08	2.5E-08	1.1E-07	1.3E-07	4.4E-08	2.0E-08	1.0E-06	0.0E+00
INFNT	1.0E-08	0.2E-08	6.0E-08	0.1E-08	2.6E-08	1.0E-08	7.0E-07	0.0E+00

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

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 8510 1 1 THRU 851232N

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.2E-08	4.5E-08
TEEN	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.2E-08	4.5E-08
CHILD	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.2E-08	4.5E-08
INFNT	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.1E-08	1.2E-08	4.5E-08

GROUND PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.0E-05
TEEN	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.0E-05
CHILD	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.0E-05
INFNT	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.6E-05	1.0E-05

VEGET PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	8.5E-06	2.7E-06	6.6E-06	1.1E-05	3.7E-06	0.1E-08	1.2E-06	0.0E+00
TEEN	7.3E-06	2.7E-06	1.0E-05	1.7E-05	5.7E-06	7.5E-08	2.2E-06	0.0E+00
CHILD	6.7E-06	1.7E-06	2.3E-05	2.8E-05	0.0E-06	1.1E-07	3.2E-06	0.0E+00
INFNT	8.0E+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, 1003. METERS, WINDS TOWARD SSE

ADULT	0.5E-07	1.1E-06	6.6E-07	1.2E-06	3.8E-07	1.1E-08	1.3E-07	0.0E+00
TEEN	4.6E-07	5.7E-07	5.4E-07	0.8E-07	3.0E-07	7.0E-09	1.2E-07	0.0E+00
CHILD	3.3E-07	2.0E-07	0.7E-07	1.2E-06	3.7E-07	1.2E-08	1.3E-07	0.0E+00
INFNT	8.8E+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, 6040. METERS, WINDS TOWARD SSE

ADULT	3.3E-07	1.8E-08	2.5E-07	4.4E-07	1.5E-07	1.3E-08	4.0E-08	0.0E+00
TEEN	2.2E-07	2.2E-08	4.6E-07	7.7E-07	2.5E-07	2.1E-08	0.7E-08	0.0E+00
CHILD	2.3E-07	1.5E-08	1.1E-06	1.3E-06	4.1E-07	4.2E-08	1.5E-07	0.0E+00
INFNT	2.1E-07	1.3E-08	1.7E-06	2.4E-06	6.4E-07	1.8E-07	2.6E-07	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8045. METERS, WINDS TOWARD SSE

ADULT	7.4E-07	1.0E-08	5.7E-07	1.0E-06	3.3E-07	1.2E-08	1.1E-07	0.0E+00
TEEN	7.1E-07	2.4E-08	1.8E-06	1.7E-06	5.7E-07	1.0E-08	2.2E-07	0.0E+00
CHILD	5.2E-07	1.8E-08	2.4E-06	2.0E-06	0.2E-07	3.8E-08	3.3E-07	0.0E+00
INFNT	4.7E-07	1.7E-08	3.8E-06	5.5E-06	1.4E-06	0.3E-08	5.0E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 1003. METERS, WINDS TOWARD SSE

ADULT	5.1E-08	4.3E-08	3.0E-08	6.5E-08	2.3E-08	4.7E-09	5.1E-07	0.0E+00
TEEN	3.0E-08	3.0E-08	5.4E-08	8.8E-08	3.1E-08	5.0E-09	7.5E-07	0.0E+00
CHILD	1.7E-08	1.1E-08	7.1E-08	8.2E-08	2.8E-08	6.0E-09	6.1E-07	0.0E+00
INFNT	6.5E-08	4.7E-08	4.3E-08	5.8E-08	1.6E-08	6.3E-09	4.1E-07	0.0E+00

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

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 8510 1 1 THRU 85123124

T.BODY GI-TRCT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S

ADULT	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	3.1E-08
TEEN	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	3.1E-08
CHILD	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	3.1E-08
INFNT	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	1.2E-08	3.1E-08

GROUND PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S

ADULT	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	3.0E-05
TEEN	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	3.0E-05
CHILD	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	3.0E-05
INFNT	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	2.6E-05	3.0E-05

VEGET PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S

ADULT	1.4E-05	4.1E-06	1.6E-05	1.0E-05	6.1E-06	0.3E-08	2.0E-06	0.0E+00
TEEN	1.2E-05	4.1E-06	1.6E-05	2.8E-05	0.2E-06	7.7E-08	3.5E-06	0.0E+00
CHILD	0.2E-06	2.6E-06	3.6E-05	4.6E-05	1.5E-05	1.2E-07	5.2E-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, 6116. METERS, WINDS TOWARD S

ADULT	5.7E-08	6.8E-08	3.0E-08	7.2E-08	2.3E-08	4.0E-10	7.6E-08	0.0E+00
TEEN	2.7E-08	3.2E-08	3.2E-08	6.7E-08	1.0E-08	2.0E-10	7.6E-08	0.0E+00
CHILD	1.0E-08	1.6E-08	5.0E-08	7.3E-08	2.2E-08	4.4E-10	8.0E-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

COV PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD S

ADULT	2.7E-07	1.4E-08	2.1E-07	3.7E-07	1.2E-07	7.0E-08	4.0E-08	0.0E+00
TEEN	2.6E-07	1.7E-08	3.7E-07	6.4E-07	2.1E-07	1.1E-08	8.0E-08	0.0E+00
CHILD	1.0E-07	1.2E-08	0.0E-07	1.1E-06	3.4E-07	2.2E-08	1.2E-07	0.0E+00
INFNT	1.8E-07	1.1E-08	1.4E-06	2.0E-06	5.3E-07	5.3E-08	2.1E-07	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD S

ADULT	0.1E-07	2.1E-08	6.2E-07	1.1E-06	3.6E-07	0.3E-08	1.2E-07	0.0E+00
TEEN	7.6E-07	2.6E-08	1.1E-06	1.0E-06	6.3E-07	1.3E-08	2.4E-07	0.0E+00
CHILD	5.7E-07	1.0E-08	2.6E-06	3.2E-06	1.0E-06	2.6E-08	3.6E-07	0.0E+00
INFNT	5.1E-07	1.8E-08	4.2E-06	6.0E-06	1.6E-06	6.4E-08	6.4E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 863. METERS, WINDS TOWARD S

ADULT	6.0E-08	3.3E-08	5.3E-08	0.0E-08	3.1E-08	5.3E-08	3.0E-07	0.0E+00
TEEN	5.2E-08	3.0E-08	7.2E-08	1.2E-07	4.1E-08	6.7E-08	5.7E-07	0.0E+00
CHILD	2.3E-08	1.1E-08	0.6E-08	1.1E-07	3.7E-08	8.0E-08	4.6E-07	0.0E+00
INFNT	0.1E-08	3.6E-08	5.8E-08	0.0E-08	2.2E-08	7.3E-08	3.1E-07	0.0E+00

ENTER: (SO) START OVER
(EX) EXIT
(RETURN) CONTINUE

THIS IS LAST ACCUMULATION
INDIVIDUAL DOSES(REM) DUE TO GASEOUS EFFLUENT
FOR DATES 8510 1 1 THRU 85123124

T.BODY GI-TRACT BONE LIVER KIDNEY THYRD LUNG SKIN

PLUME PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

ADULT	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.0E-00	1.8E-00
TEEN	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.0E-00	1.8E-00
CHILD	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.0E-00	1.8E-00
INFNT	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.7E-00	0.0E-00	1.8E-00

GROUND PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

ADULT	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.5E-05
TEEN	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.5E-05
CHILD	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.5E-05
INFNT	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.3E-05	1.5E-05

VEGET PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

ADULT	4.6E-06	3.2E-06	3.3E-06	6.0E-06	2.0E-06	4.7E-08	6.4E-07	0.0E+00
TEEN	4.0E-06	3.1E-06	5.2E-06	0.2E-06	3.0E-06	3.0E-08	1.1E-06	0.0E+00
CHILD	3.5E-06	2.0E-06	1.2E-05	1.5E-05	4.7E-06	6.0E-08	1.7E-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

MEAT PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD SSW

ADULT	1.1E-00	2.0E-00	6.4E-00	1.2E-00	3.7E-00	1.1E-10	1.2E-00	0.0E+00
TEEN	6.5E-00	1.4E-00	5.2E-00	0.0E-00	3.0E-00	7.7E-11	1.1E-00	0.0E+00
CHILD	4.0E-00	7.1E-00	0.5E-00	1.2E-00	3.6E-00	1.2E-10	1.3E-00	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, 8845. METERS, WINDS TOWARD SSW

ADULT	7.2E-00	6.0E-00	5.5E-00	0.6E-00	3.2E-00	3.0E-00	1.1E-00	0.0E+00
TEEN	6.0E-00	0.1E-00	0.7E-00	1.7E-07	5.5E-00	4.7E-00	2.1E-00	0.0E+00
CHILD	6.2E-00	5.5E-00	2.3E-07	2.0E-07	0.0E-00	0.2E-00	3.2E-00	0.0E+00
INFNT	4.0E-00	4.0E-00	3.7E-07	5.3E-07	1.4E-07	2.2E-00	5.6E-00	0.0E+00

GOAT PATHWAY, DIST GP= 1, 8845. METERS, WINDS TOWARD SSW

ADULT	2.1E-07	5.0E-00	1.6E-07	2.0E-07	0.5E-00	3.5E-00	3.2E-00	0.0E+00
TEEN	2.0E-07	7.4E-00	2.0E-07	5.0E-07	1.6E-07	5.6E-00	6.3E-00	0.0E+00
CHILD	1.5E-07	5.3E-00	6.0E-07	0.4E-07	2.7E-07	1.1E-00	0.6E-00	0.0E+00
INFNT	1.4E-07	5.0E-00	1.1E-06	1.6E-06	4.2E-07	2.7E-00	1.7E-07	0.0E+00

INHAL PATHWAY, DIST GP= 1, 770. METERS, WINDS TOWARD SSW

ADULT	3.0E-00	3.6E-00	2.4E-00	3.0E-00	1.4E-00	3.7E-00	4.3E-07	0.0E+00
TEEN	2.3E-00	3.2E-00	3.3E-00	5.3E-00	1.0E-00	4.6E-00	6.2E-07	0.0E+00
CHILD	1.1E-00	1.2E-00	4.3E-00	4.0E-00	1.7E-00	5.3E-00	5.1E-07	0.0E+00
INFNT	4.2E-00	3.0E-00	2.6E-00	3.5E-00	0.0E-00	4.0E-00	3.4E-07	0.0E+00

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

APPENDIX 1.4

SUMMARY OF MAXIMUM INDIVIDUAL DOSES
FOR 1985

SUMMARY OF MAXIMUM INDIVIDUAL DOSES

Annual - 1985

Effluent	Applicable Organ	Age Group	Estimated Dose (millirem)				Annual
			Quarter				
			1st	2nd	3rd	4th	
Liquid	Whole Body	Adult	1.18E-1	1.36E-1	6.20E-1	9.88E-2	0.973
Liquid	Liver	Teen	1.72E-1	1.83E-1	8.36E-1	1.33E-1	1.324
Noble Gas	Air Dose* Gamma	All	1.21E-1	1.01E-1	9.84E-3	3.49E-4	0.232
Noble Gas	Air Dose* Beta	All	4.29E-1	2.92E-1	1.17E-2	2.46E-3	0.841
Noble Gas	Whole Body	All	2.85E-1	2.58E-2	2.94E-3	8.90E-5	0.538
Noble Gas	Skin	All	1.00E-1	7.38E-2	7.56E-3	7.85E-4	0.182
Iodines and Particulates	Thyroid	Child	4.12E-1	1.30E0	5.49E-3	9.83E-2	1.816

*Dose in millirad

APPENDIX 2.1

SUMMARY OF HOURLY METEOROLOGICAL DATA
FOR THIRD QUARTER OF 1984



Attachment 10A
 Joint Frequency Tables of Wind Speed and Wind Direction 150 ft
 versus Delta Temperature 180-30 ft
 Third Quarter (7/1/85 - 9/30/85)

1 of 8

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: A DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	14	49	8	1	0	72
NNE	1	14	32	25	0	0	72
NE	1	4	3	0	0	0	8
ENE	1	1	7	2	0	0	11
E	1	5	20	2	0	0	28
ESE	0	2	6	0	0	0	8
SE	1	4	9	1	1	0	16
SSE	0	5	14	6	2	0	27
S	0	4	22	14	0	0	40
SSW	0	1	22	12	1	0	36
SW	0	3	16	8	2	0	29
WSW	0	10	13	8	3	0	34
W	1	18	19	5	0	0	43
WNW	2	24	5	3	1	0	35
NW	3	28	11	5	0	0	47
NNW	1	24	25	5	0	0	55
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TOTAL	12	161	273	104	11	0	561

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 5

HOURS OF MISSING DATA: 185

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: B DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	1	2	0	0	0	0	3
NNE	0	0	1	5	0	0	6
NE	1	1	0	0	0	0	2
ENE	0	0	0	1	0	0	1
E	0	1	4	1	0	0	6
ESE	0	0	1	0	0	0	1
SE	0	0	2	1	1	0	4
SSE	0	0	0	1	0	0	1
S	0	0	0	1	0	0	1
SSW	0	1	1	2	0	0	4
SW	0	0	6	3	0	0	9
WSW	0	3	9	3	0	0	15
W	0	1	3	0	1	0	5
WNW	0	0	1	1	0	0	2
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
TOTAL	2	9	28	19	2	0	60

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 1

HOURS OF MISSING DATA: 185

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: C DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	1	0	0	0	0	1
NNE	0	0	0	3	1	0	4
NE	0	1	2	0	0	0	3
ENE	0	0	2	1	0	0	3
E	0	0	2	3	0	0	5
ESE	0	0	2	2	0	0	4
SE	0	0	1	1	0	0	2
SSE	0	0	1	1	0	1	3
S	0	0	3	0	1	0	4
SSW	0	0	1	4	0	0	5
SW	0	0	2	2	0	0	4
WSW	0	3	8	1	2	1	15
W	1	2	0	0	0	7	10
WNW	0	2	0	0	0	0	2
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
TOTAL	1	9	24	18	4	9	65

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 185

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: D DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND IRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	1	2	4	2	0	9
NNE	0	2	7	16	0	0	25
NE	1	5	5	2	0	0	13
ENE	1	2	11	5	0	0	19
E	2	2	16	14	0	0	34
ESE	0	1	9	8	0	0	18
SE	0	1	0	8	0	0	9
SSE	1	0	4	6	2	1	14
S	0	0	6	14	1	0	21
SSW	2	6	7	7	0	0	22
SW	2	3	19	13	6	0	43
WSW	3	10	29	13	3	3	61
W	0	6	9	4	7	8	35
WNW	1	1	1	1	1	0	5
NW	0	1	3	5	2	0	11
NNW	0	3	3	5	1	0	12
TOTAL	13	44	131	125	25	12	351

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 4

HOURS OF MISSING DATA: 185

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: E DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	3	5	4	2	0	0	14
NNE	2	5	11	7	0	0	25
NE	2	10	24	4	0	0	40
ENE	1	7	17	5	0	0	30
E	2	12	13	9	0	0	36
ESE	0	3	6	15	0	0	24
SE	0	2	5	6	0	0	13
SSE	1	0	13	19	2	0	35
S	1	3	12	25	2	0	43
SSW	0	3	23	26	2	0	54
SW	1	5	33	59	3	0	101
WSW	1	15	41	22	8	6	94
W	3	12	13	6	1	1	37
WNW	3	3	4	2	0	0	13
NW	2	5	1	2	1	0	11
NNW	1	9	8	7	1	0	26
TOTAL	23	99	228	216	20	7	596

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 8

HOURS OF MISSING DATA: 185

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: F DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	3	1	0	0	0	5
NNE	1	5	0	0	0	0	6
NE	2	14	3	0	0	0	19
ENE	4	8	2	0	0	0	14
E	7	20	11	0	0	0	38
ESE	2	20	9	0	0	0	31
SE	1	15	6	0	0	0	22
SSE	0	8	1	0	0	0	9
S	3	36	1	0	0	0	40
SSW	0	25	2	0	0	0	27
SW	3	9	5	0	0	0	17
WSW	4	7	7	1	0	0	19
W	1	2	2	1	0	0	6
WNW	1	2	2	1	0	0	6
NW	1	4	0	0	0	0	5
NNW	1	1	0	0	0	0	2
TOTAL	31	179	52	3	0	0	266

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 8

HOURS OF MISSING DATA: 239

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: G DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	0	0	0	0	0	0
NNE	0	1	0	0	0	0	1
NE	2	1	0	0	0	0	3
ENE	2	6	1	0	0	0	9
E	0	9	6	0	0	0	15
ESE	1	15	13	0	0	0	29
SE	0	19	1	0	0	0	20
SSE	0	9	1	0	0	0	10
S	1	12	0	0	0	0	13
SSW	0	10	0	0	0	0	10
SW	0	4	0	0	0	0	4
WSW	2	2	0	0	0	0	4
W	0	1	0	0	0	0	1
WNW	0	0	0	1	0	0	1
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
TOTAL	8	89	22	1	0	0	120

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 2

HOURS OF MISSING DATA: 239

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85070101-85093024

STABILITY CLASS: ALL DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	8	38	12	0	0	0	59
NNE	6	65	70	2	0	0	143
NE	10	49	28	3	0	0	90
ENE	14	35	18	0	0	0	69
E	12	59	56	0	0	0	128
ESE	7	80	76	1	1	0	165
SE	8	72	29	1	0	0	110
SSE	5	61	14	1	0	0	81
S	15	103	17	1	0	0	137
SSW	6	113	29	0	0	0	148
SW	11	102	117	6	0	0	236
WSW	18	127	80	19	2	0	246
W	7	44	22	10	12	6	101
WNW	19	46	10	9	2	0	86
NW	10	46	24	5	0	0	85
NNW	8	48	27	2	0	0	85
TOTAL	164	1088	629	60	17	6	1969

PERIODS OF CALM(HOURS): 5

VARIABLE DIRECTION 55

HOURS OF MISSING DATA: 239

APPENDIX 2.2

SUMMARY OF HOURLY METEOROLOGICAL DATA
FOR FOURTH QUARTER OF 1984

Attachment 10B
 Joint Frequency Tables of Wind Speed and Wind Direction 150 ft
 versus Delta Temperature 180-30 ft
 Fourth Quarter (10/1/85 - 12/31/85)

1 of 8

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: A DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	2	12	3	0	0	17
NNE	0	1	0	2	0	0	3
NE	1	1	1	0	0	0	3
ENE	1	1	3	1	0	0	6
E	0	1	9	5	1	0	16
ESE	0	2	6	4	1	0	13
SE	0	0	7	1	0	0	8
SSE	0	2	2	5	4	1	14
S	0	7	18	11	3	0	39
SSW	1	6	5	4	0	0	16
SW	0	2	6	0	1	0	9
WSW	0	2	9	13	5	10	39
W	0	1	2	10	5	8	26
WNW	0	8	3	3	11	28	53
NW	1	1	6	0	1	7	16
NNW	0	5	8	2	1	1	17
TOTAL	4	42	97	64	33	55	295

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 2

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: B DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	0	0	2	0	0	2
NNE	0	1	1	1	0	0	3
NE	0	1	2	1	0	0	4
ENE	0	0	2	1	0	0	3
E	0	2	4	4	0	0	10
ESE	0	0	3	3	7	0	13
SE	0	0	2	0	1	0	3
SSE	0	1	1	0	0	0	2
S	0	3	1	3	1	0	8
SSW	0	2	4	0	0	0	6
SW	0	1	4	3	4	5	17
WSW	0	1	0	5	9	6	21
W	0	0	1	1	17	14	33
WNW	0	1	1	3	13	17	35
NW	0	0	0	3	9	13	25
NNW	0	0	2	3	3	1	9
TOTAL	0	13	28	33	64	56	194

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: C DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	1	5	1	0	0	7
NNE	0	1	3	6	0	0	10
NE	0	2	3	1	0	0	6
ENE	0	0	13	13	0	0	26
E	1	1	11	19	1	0	33
ESE	0	2	3	10	9	1	25
SE	0	0	3	1	3	0	7
SSE	0	0	3	1	0	0	4
S	1	0	2	2	3	0	8
SSW	0	2	5	0	1	0	8
SW	0	0	0	3	0	1	4
WSW	0	1	2	4	6	12	25
W	0	0	3	19	36	16	74
WNW	0	0	2	12	28	16	58
NW	0	0	1	8	8	7	24
NNW	0	0	3	4	3	5	15
TOTAL	2	10	62	104	98	58	334

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 1

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: D DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	0	13	8	4	1	26
NNE	0	6	15	8	3	0	32
NE	0	12	19	7	0	0	39
ENE	1	6	27	16	2	0	52
E	2	13	23	49	7	0	94
ESE	2	13	23	28	13	12	91
SE	0	8	26	20	15	1	70
SSE	1	6	19	17	8	3	54
S	1	6	25	16	10	0	58
SSW	0	5	17	30	18	3	73
SW	1	1	7	22	15	6	52
WSW	0	5	3	9	11	18	46
W	1	3	9	22	31	19	85
WNW	0	2	12	22	18	22	76
NW	0	1	4	26	10	5	46
NNW	0	0	8	23	17	5	53
TOTAL	9	87	250	323	182	95	947

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 6

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: E DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	2	2	0	0	0	4
NNE	1	0	1	1	0	0	3
NE	0	1	1	0	0	0	2
ENE	0	1	3	10	0	0	14
E	1	1	7	14	0	0	23
ESE	0	1	3	3	1	0	8
SE	0	3	4	5	0	0	12
SSE	0	0	6	11	7	2	26
S	1	0	18	20	3	1	43
SSW	0	2	16	15	5	0	38
SW	0	2	9	16	7	1	35
WSW	1	3	1	3	2	1	11
W	1	0	1	1	1	1	5
WNW	0	2	2	5	8	4	21
NW	0	1	3	3	1	0	8
NNW	2	1	0	0	0	0	3
TOTAL	7	20	77	107	35	10	256

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 1

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: F DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	0	0	0	0	0	0
NNE	0	1	0	0	0	0	1
NE	0	2	1	0	0	0	3
ENE	0	3	0	6	0	0	9
E	0	1	7	2	0	0	10
ESE	1	1	1	1	0	0	4
SE	1	2	1	5	3	0	12
SSE	0	1	0	5	2	0	8
S	0	0	3	4	1	0	8
SSW	0	1	7	12	0	0	20
SW	0	0	2	2	0	0	4
WSW	0	0	0	0	1	0	1
W	0	0	0	0	0	0	0
WNW	0	1	0	0	0	0	1
NW	0	0	0	0	0	0	0
NNW	0	0	0	0	0	0	0
TOTAL	2	13	22	37	7	0	81

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: G DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
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	1	0	0	0	1
E	0	0	2	0	0	0	2
ESE	0	1	0	3	0	0	4
SE	0	0	0	0	0	0	0
SSE	0	0	2	10	3	0	15
S	0	0	1	8	0	0	9
SSW	0	0	1	10	0	0	11
SW	0	0	2	1	0	1	4
WSW	0	0	0	0	0	0	0
W	0	0	0	0	0	0	0
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	0	1	9	32	3	1	46

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 55

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: ALL DT/DZ

ELEVATION: SPEED:SP150A DIRECTION:WD150A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	5	32	14	4	1	56
NNE	1	10	20	18	3	0	52
NE	1	19	27	9	0	0	57
ENE	2	11	49	47	2	0	111
E	4	19	63	93	9	0	188
ESE	3	20	39	52	31	13	158
SE	1	13	43	32	22	1	112
SSE	1	10	33	49	24	6	123
S	3	16	68	64	21	1	173
SSW	1	18	55	71	24	3	172
SW	1	6	30	47	27	14	125
WSW	1	12	15	34	34	47	143
W	2	4	16	53	90	58	223
WNW	0	14	20	45	78	87	244
NW	1	3	14	40	29	32	119
NNW	2	6	21	32	24	12	97
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TOTAL	24	186	545	700	422	275	2153

PERIODS OF CALM(HOURS): 1

VARIABLE DIRECTION 10

HOURS OF MISSING DATA: 55

Attachment 7B
 Joint Frequency Tables of Wind Speed and Wind Direction 50 ft
 versus Delta Temperature 180-30 ft
 Fourth Quarter (10/1/85 - 12/31/85)

1 of 8

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: A DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND SPEED(MPH)

WIND DIRECTION	1-3	4-7	8-12	13-18	19-24	>24	TOTAL
N	3	9	3	2	0	0	17
NNE	1	4	5	0	0	0	10
NE	0	2	4	0	0	0	6
ENE	1	2	0	0	0	0	3
E	2	1	8	1	0	0	12
ESE	0	7	11	2	0	0	20
SE	0	7	4	0	0	0	11
SSE	1	6	7	0	0	0	14
S	1	16	5	1	0	0	23
SSW	5	11	5	1	0	0	22
SW	0	4	2	0	0	0	6
WSW	1	7	13	3	1	0	25
W	1	3	7	22	9	7	49
WNW	0	0	4	3	4	0	11
NW	3	4	0	9	13	18	47
NNW	2	7	2	1	1	0	13
TOTAL	21	90	80	45	28	25	289

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 5

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: B DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	1	0	2	0	0	3
NNE	0	1	1	0	0	0	2
NE	0	1	3	0	0	0	4
ENE	0	2	1	1	0	0	4
E	0	4	4	1	0	0	9
ESE	0	3	9	4	0	0	16
SE	0	1	2	2	1	0	6
SSE	0	2	0	0	0	0	2
S	0	2	0	0	0	0	2
SSW	2	4	2	0	0	0	8
SW	1	3	0	0	0	0	4
WSW	0	2	5	5	0	6	18
W	0	0	4	12	19	11	46
WNW	0	1	0	8	8	0	17
NW	0	2	1	17	22	1	43
NNW	0	0	3	5	3	1	12
TOTAL	3	29	35	57	53	19	196

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124.

STABILITY CLASS: C DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED (MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	0	4	1	3	0	8
NNE	0	5	1	0	0	0	6
NE	0	7	6	1	0	0	14
ENE	0	2	4	3	0	0	9
E	0	11	18	5	0	0	34
ESE	1	5	16	14	1	0	37
SE	0	3	5	11	2	0	21
SSE	0	3	1	0	0	0	4
S	0	2	2	0	0	0	4
SSW	1	3	1	0	0	0	5
SW	1	2	3	0	0	0	6
WSW	0	2	3	3	0	3	11
W	1	1	3	21	20	10	56
WNW	0	1	7	36	14	3	61
NW	0	1	8	30	5	5	49
NNW	0	0	7	3	3	1	14
TOTAL	4	48	89	128	48	22	339

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: D DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	5	20	10	3	0	38
NNE	0	9	3	4	0	0	16
NE	4	13	21	4	0	0	42
ENE	3	24	19	0	0	0	46
E	4	19	32	11	0	0	66
ESE	5	34	45	23	3	0	110
SE	7	32	47	24	9	1	120
SSE	6	20	21	1	0	0	48
S	7	13	14	2	0	0	36
SSW	7	24	14	1	0	0	46
SW	3	14	40	18	0	0	75
WSW	1	4	19	14	7	0	45
W	0	6	10	28	23	9	76
WNW	3	3	16	33	10	6	71
NW	1	1	32	26	13	4	77
NNW	0	4	20	11	2	0	37
TOTAL	51	225	373	210	70	20	949

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 6

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: E DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	1	0	0	0	0	1
NNE	1	0	0	0	0	0	1
NE	3	2	1	0	0	0	6
ENE	2	2	0	0	0	0	4
E	0	6	12	0	0	0	18
ESE	2	6	16	1	0	0	25
SE	1	12	7	0	0	0	20
SSE	1	19	6	1	0	0	27
S	3	20	6	1	0	0	30
SSW	3	15	2	0	0	0	20
SW	1	20	17	1	0	0	39
WSW	0	4	14	5	1	0	24
W	1	1	4	3	0	0	9
WNW	0	2	1	6	1	0	10
NW	1	9	5	4	2	0	21
NNW	1	0	0	0	0	0	1
TOTAL	20	119	91	22	4	0	256

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 5

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: F DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0
NE	1	0	0	0	0	0	1
ENE	0	1	1	0	0	0	2
E	0	6	7	0	0	0	13
ESE	0	7	0	0	0	0	7
SE	3	2	9	0	0	0	14
SSE	0	8	2	0	0	0	10
S	1	3	0	0	0	0	4
SSW	0	18	2	0	0	0	20
SW	0	5	2	0	0	0	7
WSW	0	0	0	0	0	0	0
W	0	0	1	0	0	0	1
WNW	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0
NNW	2	0	0	0	0	0	2
TOTAL	7	50	24	0	0	0	81

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 1

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: G DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
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	1	0	0	0	0	1
ESE	0	3	1	0	0	0	4
SE	0	4	0	0	0	0	4
SSE	0	15	0	0	0	0	15
S	0	9	0	0	0	0	9
SSW	0	10	1	0	0	0	11
SW	0	0	1	0	0	0	1
WSW	0	0	0	0	0	0	0
W	0	0	1	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	0	42	4	0	0	0	46

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 0

HOURS OF MISSING DATA: 52

SITE: AEP COOK

HOURS AT EACH WIND SPEED AND DIRECTION

PERIOD OF RECORD = 85100101-85123124

STABILITY CLASS: ALL DT/DZ

ELEVATION: SPEED:SP50A DIRECTION:WD50A LAPSE:DT180A

WIND DIRECTION	WIND SPEED(MPH)						TOTAL
	1-3	4-7	8-12	13-18	19-24	>24	
N	3	16	27	15	6	0	67
NNE	2	19	10	4	0	0	35
NE	8	25	35	5	0	0	73
ENE	6	33	25	4	0	0	68
E	6	48	81	18	0	0	153
ESE	8	65	98	44	4	0	219
SE	11	61	74	37	12	1	196
SSE	8	73	37	2	0	0	120
S	12	65	27	4	0	0	108
SSW	18	85	27	2	0	0	132
SW	6	48	65	19	0	0	138
WSW	2	19	54	30	9	9	123
W	3	11	30	86	71	37	238
WNW	3	7	28	86	37	9	170
NW	5	17	46	86	55	28	237
NNW	5	11	32	20	9	2	79
TOTAL	106	603	696	462	203	86	2156

PERIODS OF CALM(HOURS): 0

VARIABLE DIRECTION 17

HOURS OF MISSING DATA: 52

APPENDIX 2.3

METEOROLOGICAL DATA
FOR SECOND SIX MONTHS OF 1984

[illegible]

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8			
	30	A S	30	B S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	0	2	0	2	0	2	0	2	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	0	2	0	2	0	2	0	2	320	2	320	2	0	2	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	721	0	718	0	720	0	714	0	320	2	320	2	-2	0	-5	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1000	747	0	743	0	723	0	718	0	320	2	320	2	-22	0	-25	0	0	0	0	0	590	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1100	750	0	747	0	732	0	725	0	320	2	320	2	-18	0	-20	0	0	0	0	0	610	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1200	703	0	700	0	680	0	673	0	320	2	320	2	-25	0	-27	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1300	743	0	741	0	685	0	678	0	320	2	320	2	-56	0	-58	2	0	0	0	0	583	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1400	720	0	716	0	693	0	685	0	320	2	320	2	-27	0	-31	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1500	698	0	694	0	667	0	662	0	320	2	320	2	-29	0	-32	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1600	712	0	711	0	684	0	676	0	320	2	320	2	-29	0	-32	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1700	712	0	707	0	694	0	689	0	320	2	320	2	-16	0	-18	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1800	696	0	691	0	685	0	680	0	320	2	320	2	-9	0	-11	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
1900	702	0	694	0	702	0	691	0	320	2	320	2	-5	0	-5	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2000	694	0	689	0	696	0	689	0	320	2	320	2	2	0	2	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2100	685	0	678	0	684	0	676	0	320	2	320	2	2	0	0	0	0	0	0	0	540	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2200	676	0	671	0	684	0	676	0	320	2	320	2	5	0	5	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2300	667	0	660	0	675	0	667	0	320	2	320	2	9	0	9	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
2400	666	0	660	0	664	0	658	0	320	2	320	2	2	0	2	0	0	0	0	0	527	0	0	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1		SPD2		SPD3		SPD4		SPD5		SPD6		DIR1		MIN		MAX		DIR2		MIN		MAX	
	50	A	50	A	150A	B	150B	S	50	A	50	A	S	50	B	50	B	150A	S	50	B	150A	S	
100	48	0	46	0	88	0	97	0	0	0	0	0	214	0	242	177	218	0	263	172	221	0	230	213
200	63	0	68	0	95	0	102	0	0	0	0	0	248	0	267	229	249	0	264	219	261	0	270	253
300	62	0	68	0	91	0	98	0	0	0	0	0	243	0	274	219	246	0	285	217	258	0	266	252
400	78	0	83	0	127	0	136	0	0	0	0	0	240	0	261	220	240	0	263	213	257	0	259	254
500	68	0	70	0	115	0	124	0	0	0	0	0	238	0	267	207	241	0	282	192	251	0	259	241
600	76	0	80	0	122	0	132	0	0	0	0	0	239	0	271	213	244	0	283	214	255	0	260	245
700	75	0	79	0	115	0	123	0	0	0	0	0	238	0	291	217	239	0	263	172	247	0	260	231
800	87	0	90	0	121	0	128	0	0	0	0	0	243	0	260	223	250	0	304	194	254	0	269	245
900	91	0	93	0	126	0	134	0	0	0	0	0	241	0	268	205	244	0	275	195	244	0	253	227
1000	92	0	95	0	124	0	132	0	0	0	0	0	240	0	267	211	243	0	311	195	251	0	261	245
1100	59	0	60	0	83	0	91	0	0	0	0	0	259	0	331	210	259	0	327	215	272	0	297	220
1200	34	0	36	0	33	0	38	0	0	0	0	0	240	0	278	197	242	0	282	189	240	0	298	211
1300	63	0	68	0	58	0	64	0	0	0	0	0	247	0	292	218	251	0	285	216	259	0	291	238
1400	68	0	72	0	76	0	83	0	0	0	0	0	251	0	297	205	254	0	329	215	245	0	274	201
1500	73	0	78	0	113	0	121	0	0	0	0	0	252	0	272	230	255	0	285	218	270	0	286	257
1600	63	0	69	0	80	0	86	0	0	0	0	0	248	0	320	211	251	0	328	214	243	0	284	201
1700	60	0	60	0	71	0	78	0	0	0	0	0	232	0	271	198	235	0	286	195	239	0	261	227
1800	78	0	80	0	127	0	130	0	0	0	0	0	240	0	270	185	246	0	304	214	253	0	277	227
1900	59	0	64	0	94	0	98	0	0	0	0	0	255	0	281	229	259	0	304	214	261	0	287	233
2000	38	0	36	0	58	0	63	0	0	0	0	0	305	0	337	266	308	0	351	240	298	0	315	282
2100	39	0	40	0	71	0	77	0	0	0	0	0	282	0	318	248	279	0	331	217	291	0	311	269
2200	41	0	42	0	68	0	68	0	0	0	0	0	324	0	4	273	328	0	15	282	337	0	348	323
2300	50	0	50	0	97	0	95	0	0	0	0	0	1	0	29	291	5	0	103	307	11	0	26	339
2400	33	0	34	0	54	0	54	0	0	0	0	0	321	0	355	253	325	0	353	262	342	0	349	329

[illegible]

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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50 A	8	50 B	8	150A	8	150B	8	50 A	8	50 A	8	50 B	8	50 B	8	50 A	8	150A	8	150B	8	50 A	8	50 B	8	50 A	8	50 B	8	50 A	8	50 B	8
100	46	0	47	0	70	0	68	0	0	0	0	0	0	0	26	332	0	0	17	328	19	0	27	347	359	0	15	350	0	0	0	0	0	0
200	40	0	41	0	67	0	65	0	0	0	0	0	347	0	28	296	347	0	35	305	345	0	23	338	352	0	359	346	0	0	0	0	0	0
300	42	0	41	0	65	0	65	0	0	0	0	0	326	0	355	300	324	0	354	285	338	0	346	330	335	0	347	321	0	0	0	0	0	0
400	56	0	60	0	82	0	82	0	0	0	0	0	330	0	5	300	328	0	353	283	340	0	345	334	334	0	341	321	0	0	0	0	0	0
500	49	0	50	0	91	0	89	0	0	0	0	0	352	0	39	315	353	0	58	309	4	0	21	345	357	0	23	334	0	0	0	0	0	0
600	64	0	66	0	103	0	101	0	0	0	0	0	22	0	41	358	23	0	59	353	22	0	26	16	13	0	21	359	0	0	0	0	0	0
700	52	0	56	0	78	0	77	0	0	0	0	0	35	0	59	10	34	0	103	348	27	0	45	9	20	0	45	345	0	0	0	0	0	0
800	21	0	22	0	28	0	32	0	0	0	0	0	51	3	95	11	55	3	106	13	48	3	79	19	42	0	71	1	0	0	0	0	0	0
900	49	0	50	0	50	0	49	0	0	0	0	0	343	0	14	308	342	0	17	286	11	0	27	338	359	0	29	325	0	0	0	0	0	0
1000	39	0	42	0	46	0	48	0	0	0	0	0	330	0	32	287	329	0	84	282	339	0	7	317	336	0	1	317	0	0	0	0	0	0
1100	44	0	47	0	60	0	60	0	0	0	0	0	298	0	354	253	297	0	352	239	325	0	340	303	317	0	348	285	0	0	0	0	0	0
1200	51	0	55	0	57	0	61	0	0	0	0	0	304	0	341	273	304	0	353	257	303	0	316	289	294	0	308	279	0	0	0	0	0	0
1300	46	0	49	0	64	0	67	0	0	0	0	0	285	0	333	240	285	0	328	236	310	0	327	295	302	0	332	284	0	0	0	0	0	0
1400	62	0	62	0	62	0	67	0	0	0	0	0	245	0	298	219	243	0	307	194	285	0	325	249	279	0	337	194	0	0	0	0	0	0
1500	47	0	52	0	59	0	62	0	0	0	0	0	290	0	354	231	290	0	352	221	309	0	332	276	301	0	332	258	0	0	0	0	0	0
1600	42	0	46	0	57	0	60	0	0	0	0	0	297	0	342	217	295	0	347	193	302	0	321	280	294	0	317	269	0	0	0	0	0	0
1700	30	0	34	0	43	0	45	0	0	0	0	0	309	0	353	236	310	0	357	239	333	0	14	288	329	0	12	285	0	0	0	0	0	0
1800	26	0	32	0	29	0	31	0	0	0	0	0	315	0	6	273	313	0	357	262	326	0	351	291	319	0	348	288	0	0	0	0	0	0
1900	11	0	19	0	12	0	17	0	0	0	0	0	256	0	286	222	255	0	305	217	243	0	283	182	235	0	291	186	0	0	0	0	0	0
2000	17	0	21	0	11	0	12	0	0	0	0	0	191	5	197	184	194	0	196	192	212	5	229	203	206	0	223	195	0	0	0	0	0	0
2100	31	0	32	0	16	0	14	0	0	0	0	0	179	0	194	143	185	0	216	147	124	3	194	0	174	3	191	98	0	0	0	0	0	0
2200	49	0	52	0	94	0	83	0	0	0	0	0	174	0	211	137	178	0	238	126	180	0	185	177	178	0	180	175	0	0	0	0	0	0
2300	56	0	60	0	113	0	102	0	0	0	0	0	167	0	193	138	171	0	215	128	176	0	179	174	175	0	178	172	0	0	0	0	0	0
2400	49	0	51	0	130	0	86	0	0	0	0	0	178	0	225	107	177	0	241	106	188	0	191	187	187	0	190	185	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
	30 A	8	30 B	8	180A	8	180B	8	5	8	180A	8	180B	8	5	8	5	8	5	8	5	8	5	8	5	8	5	8	5	8	5	8	5	8	5		
100	635	0	628	0	648	0	640	0	320	2	320	2	13	0	13	0	0	0	0	0	509	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
200	633	0	626	0	642	0	637	0	320	2	320	2	9	0	9	0	0	0	0	0	507	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
300	628	0	622	0	633	0	628	0	320	2	320	2	5	0	5	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
400	628	0	621	0	630	0	624	0	320	2	320	2	2	0	2	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
500	621	0	613	0	622	0	617	0	320	2	320	2	4	0	4	0	0	0	0	0	502	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
600	615	0	610	0	626	0	619	0	320	2	320	2	11	0	11	0	0	0	0	0	500	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
700	626	0	619	0	631	0	626	0	320	2	320	2	7	0	5	0	0	0	0	0	518	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
800	676	0	671	0	658	0	653	0	320	2	320	2	-16	0	-18	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
900	689	0	684	0	667	0	662	0	320	2	320	2	-20	0	-22	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1000	718	0	712	0	680	0	675	0	320	2	320	2	-36	0	-36	0	0	0	0	0	586	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1100	709	0	702	0	673	0	667	0	320	2	320	2	-34	0	-34	0	0	0	0	0	592	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1200	739	0	732	0	691	0	684	0	320	2	320	2	-49	0	-49	0	0	0	0	0	595	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1300	732	0	727	0	687	0	684	0	320	2	320	2	-43	0	-43	0	0	0	0	0	577	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1400	725	0	718	0	705	0	702	0	320	2	320	2	-18	0	-16	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1500	759	0	754	0	707	0	702	0	320	2	320	2	-50	0	-52	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1600	777	0	772	0	720	0	712	0	320	2	320	2	-58	0	-58	0	0	0	0	0	610	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1700	790	0	786	0	747	0	743	0	320	2	320	2	-43	0	-43	0	0	0	0	0	617	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1800	788	0	779	0	756	0	752	0	320	2	320	2	-29	0	-27	0	0	0	0	0	622	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
1900	766	0	761	0	761	0	756	0	320	2	320	2	-5	0	-5	0	0	0	0	0	612	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
2000	716	0	707	0	732	0	723	0	320	2	320	2	18	0	18	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
2100	718	0	711	0	687	0	680	0	320	2	320	2	-31	0	-29	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
2200	705	0	698	0	732	0	725	0	320	2	320	2	29	0	29	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
2300	684	0	676	0	734	0	727	0	320	2	320	2	50	0	50	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0
2400	691	0	684	0	730	0	725	0	320	2	320	2	41	0	41	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	0	99	0

	WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6	MIN	MAX	DIR7	MIN	MAX	DIR8	MIN	MAX	DIR9	MIN	MAX	DIR10	MIN	MAX	DIR11	MIN	MAX	DIR12	MIN	MAX	DIR13	MIN	MAX	DIR14	MIN	MAX	DIR15	MIN	MAX	DIR16	MIN	MAX	DIR17	MIN	MAX	DIR18	MIN	MAX	DIR19	MIN	MAX	DIR20	MIN	MAX	DIR21	MIN	MAX	DIR22	MIN	MAX	DIR23	MIN	MAX	DIR24	MIN	MAX	DIR25	MIN	MAX	DIR26	MIN	MAX	DIR27	MIN	MAX	DIR28	MIN	MAX	DIR29	MIN	MAX	DIR30	MIN	MAX	DIR31	MIN	MAX	DIR32	MIN	MAX	DIR33	MIN	MAX	DIR34	MIN	MAX	DIR35	MIN	MAX	DIR36	MIN	MAX	DIR37	MIN	MAX	DIR38	MIN	MAX	DIR39	MIN	MAX	DIR40	MIN	MAX	DIR41	MIN	MAX	DIR42	MIN	MAX	DIR43	MIN	MAX	DIR44	MIN	MAX	DIR45	MIN	MAX	DIR46	MIN	MAX	DIR47	MIN	MAX	DIR48	MIN	MAX	DIR49	MIN	MAX	DIR50	MIN	MAX	DIR51	MIN	MAX	DIR52	MIN	MAX	DIR53	MIN	MAX	DIR54	MIN	MAX	DIR55	MIN	MAX	DIR56	MIN	MAX	DIR57	MIN	MAX	DIR58	MIN	MAX	DIR59	MIN	MAX	DIR60	MIN	MAX	DIR61	MIN	MAX	DIR62	MIN	MAX	DIR63	MIN	MAX	DIR64	MIN	MAX	DIR65	MIN	MAX	DIR66	MIN	MAX	DIR67	MIN	MAX	DIR68	MIN	MAX	DIR69	MIN	MAX	DIR70	MIN	MAX	DIR71	MIN	MAX	DIR72	MIN	MAX	DIR73	MIN	MAX	DIR74	MIN	MAX	DIR75	MIN	MAX	DIR76	MIN	MAX	DIR77	MIN	MAX	DIR78	MIN	MAX	DIR79	MIN	MAX	DIR80	MIN	MAX	DIR81	MIN	MAX	DIR82	MIN	MAX	DIR83	MIN	MAX	DIR84	MIN	MAX	DIR85	MIN	MAX	DIR86	MIN	MAX	DIR87	MIN	MAX	DIR88	MIN	MAX	DIR89	MIN	MAX	DIR90	MIN	MAX	DIR91	MIN	MAX	DIR92	MIN	MAX	DIR93	MIN	MAX	DIR94	MIN	MAX	DIR95	MIN	MAX	DIR96	MIN	MAX	DIR97	MIN	MAX	DIR98	MIN	MAX	DIR99	MIN	MAX	DIR100	MIN	MAX	DIR101	MIN	MAX	DIR102	MIN	MAX	DIR103	MIN	MAX	DIR104	MIN	MAX	DIR105	MIN	MAX	DIR106	MIN	MAX	DIR107	MIN	MAX	DIR108	MIN	MAX	DIR109	MIN	MAX	DIR110	MIN	MAX	DIR111	MIN	MAX	DIR112	MIN	MAX	DIR113	MIN	MAX	DIR114	MIN	MAX	DIR115	MIN	MAX	DIR116	MIN	MAX	DIR117	MIN	MAX	DIR118	MIN	MAX	DIR119	MIN	MAX	DIR120	MIN	MAX	DIR121	MIN	MAX	DIR122	MIN	MAX	DIR123	MIN	MAX	DIR124	MIN	MAX	DIR125	MIN	MAX	DIR126	MIN	MAX	DIR127	MIN	MAX	DIR128	MIN	MAX	DIR129	MIN	MAX	DIR130	MIN	MAX	DIR131	MIN	MAX	DIR132	MIN	MAX	DIR133	MIN	MAX	DIR134	MIN	MAX	DIR135	MIN	MAX	DIR136	MIN	MAX	DIR137	MIN	MAX	DIR138	MIN	MAX	DIR139	MIN	MAX	DIR140	MIN	MAX	DIR141	MIN	MAX	DIR142	MIN	MAX	DIR143	MIN	MAX	DIR144	MIN	MAX	DIR145	MIN	MAX	DIR146	MIN	MAX	DIR147	MIN	MAX	DIR148	MIN	MAX	DIR149	MIN	MAX	DIR150	MIN	MAX	DIR151	MIN	MAX	DIR152	MIN	MAX	DIR153	MIN	MAX	DIR154	MIN	MAX	DIR155	MIN	MAX	DIR156	MIN	MAX	DIR157	MIN	MAX	DIR158	MIN	MAX	DIR159	MIN	MAX	DIR160	MIN	MAX	DIR161	MIN	MAX	DIR162	MIN	MAX	DIR163	MIN	MAX	DIR164	MIN	MAX	DIR165	MIN	MAX	DIR166	MIN	MAX	DIR167	MIN	MAX	DIR168	MIN	MAX	DIR169	MIN	MAX	DIR170	MIN	MAX	DIR171	MIN	MAX	DIR172	MIN	MAX	DIR173	MIN	MAX	DIR174	MIN	MAX	DIR175	MIN	MAX	DIR176	MIN	MAX	DIR177	MIN	MAX	DIR178	MIN	MAX	DIR179	MIN	MAX	DIR180	MIN	MAX	DIR181	MIN	MAX	DIR182	MIN	MAX	DIR183	MIN	MAX	DIR184	MIN	MAX	DIR185	MIN	MAX	DIR186	MIN	MAX	DIR187	MIN	MAX	DIR188	MIN	MAX	DIR189	MIN	MAX	DIR190	MIN	MAX	DIR191	MIN	MAX	DIR192	MIN	MAX	DIR193	MIN	MAX	DIR194	MIN	MAX	DIR195	MIN	MAX	DIR196	MIN	MAX	DIR197	MIN	MAX	DIR198	MIN	MAX	DIR199	MIN	MAX	DIR200	MIN	MAX	DIR201	MIN	MAX	DIR202	MIN	MAX	DIR203	MIN	MAX	DIR204	MIN	MAX	DIR205	MIN	MAX	DIR206	MIN	MAX	DIR207	MIN	MAX	DIR208	MIN	MAX	DIR209	MIN	MAX	DIR210	MIN	MAX	DIR211	MIN	MAX	DIR212	MIN	MAX	DIR213	MIN	MAX	DIR214	MIN	MAX	DIR215	MIN	MAX	DIR216	MIN	MAX	DIR217	MIN	MAX	DIR218	MIN	MAX	DIR219	MIN	MAX	DIR220	MIN	MAX	DIR221	MIN	MAX	DIR222	MIN	MAX	DIR223	MIN	MAX	DIR224	MIN	MAX	DIR225	MIN	MAX	DIR226	MIN	MAX	DIR227	MIN	MAX	DIR228	MIN	MAX	DIR229	MIN	MAX	DIR230	MIN	MAX	DIR231	MIN	MAX	DIR232	MIN	MAX	DIR233	MIN	MAX	DIR234	MIN	MAX	DIR235	MIN	MAX	DIR236	MIN	MAX	DIR237	MIN	MAX	DIR238	MIN	MAX	DIR239	MIN	MAX	DIR240	MIN	MAX	DIR241	MIN	MAX	DIR242	MIN	MAX	DIR243	MIN	MAX	DIR244	MIN	MAX	DIR245	MIN	MAX	DIR246	MIN	MAX	DIR247	MIN	MAX	DIR248	MIN	MAX	DIR249	MIN	MAX	DIR250	MIN	MAX	DIR251	MIN	MAX	DIR252	MIN	MAX	DIR253	MIN	MAX	DIR254	MIN	MAX	DIR255	MIN	MAX	DIR256	MIN	MAX	DIR257	MIN	MAX	DIR258	MIN	MAX	DIR259	MIN	MAX	DIR260	MIN	MAX	DIR261	MIN	MAX	DIR262	MIN	MAX	DIR263	MIN	MAX	DIR264	MIN	MAX	DIR265	MIN	MAX	DIR266	MIN	MAX	DIR267	MIN	MAX	DIR268	MIN	MAX	DIR269	MIN	MAX	DIR270	MIN	MAX	DIR271	MIN	MAX	DIR272	MIN	MAX	DIR273	MIN	MAX	DIR274	MIN	MAX	DIR275	MIN	MAX	DIR276	MIN	MAX	DIR277	MIN	MAX	DIR278	MIN	MAX	DIR279	MIN	MAX	DIR280	MIN	MAX	DIR281	MIN	MAX	DIR282	MIN	MAX	DIR283	MIN	MAX	DIR284	MIN	MAX	DIR285	MIN	MAX	DIR286	MIN	MAX	DIR287	MIN	MAX	DIR288	MIN	MAX	DIR289	MIN	MAX	DIR290	MIN	MAX	DIR291	MIN	MAX	DIR292	MIN	MAX	DIR293	MIN	MAX	DIR294	MIN	MAX	DIR295	MIN	MAX	DIR296	MIN	MAX	DIR297	MIN	MAX	DIR298	MIN	MAX	DIR299	MIN	MAX	DIR300	MIN	MAX	DIR301	MIN	MAX	DIR302	MIN	MAX	DIR303	MIN	MAX	DIR304	MIN	MAX	DIR305	MIN	MAX	DIR306	MIN	MAX	DIR307	MIN	MAX	DIR308	MIN	MAX	DIR309	MIN	MAX	DIR310	MIN	MAX	DIR311	MIN	MAX	DIR312	MIN	MAX	DIR313	MIN	MAX	DIR314	MIN	MAX	DIR315	MIN	MAX	DIR316	MIN	MAX	DIR317	MIN	MAX	DIR318	MIN	MAX	DIR319	MIN	MAX	DIR320	MIN	MAX	DIR321	MIN	MAX	DIR322	MIN	MAX	DIR323	MIN	MAX	DIR324	MIN	MAX	DIR325	MIN	MAX	DIR326	MIN	MAX	DIR327	MIN	MAX	DIR328	MIN	MAX	DIR329	MIN	MAX	DIR330	MIN	MAX	DIR331	MIN	MAX	DIR332	MIN	MAX	DIR333	MIN	MAX	DIR334	MIN	MAX	DIR335	MIN	MAX	DIR336	MIN	MAX	DIR337	MIN	MAX	DIR338	MIN	MAX	DIR339	MIN	MAX	DIR340	MIN	MAX	DIR341	MIN	MAX	DIR342	MIN	MAX	DIR343	MIN	MAX	DIR344	MIN	MAX	DIR345	MIN	MAX	DIR346	MIN	MAX	DIR347	MIN	MAX	DIR348	MIN	MAX	DIR349	MIN	MAX	DIR350	MIN	MAX	DIR351	MIN	MAX	DIR352	MIN	MAX	DIR353	MIN	MAX	DIR354	MIN	MAX	DIR355	MIN	MAX	DIR356	MIN	MAX	DIR357	MIN	MAX	DIR358	MIN	MAX	DIR359	MIN	MAX	DIR360	MIN	MAX	DIR361	MIN	MAX	DIR362	MIN	MAX	DIR363	MIN	MAX	DIR364	MIN	MAX	DIR365	MIN	MAX	DIR366	MIN	MAX	DIR367	MIN	MAX	DIR368	MIN	MAX	DIR369	MIN	MAX	DIR370	MIN	MAX	DIR371	MIN	MAX	DIR372	MIN	MAX	DIR373	MIN	MAX	DIR374	MIN	MAX	DIR375	MIN	MAX	DIR376	MIN	MAX	DIR377	MIN	MAX	DIR378	MIN	MAX	DIR379	MIN	MAX	DIR380	MIN	MAX	DIR381	MIN	MAX	DIR382	MIN	MAX	DIR383	MIN	MAX	DIR384	MIN	MAX	DIR385	MIN	MAX	DIR386	MIN	MAX	DIR387	MIN	MAX	DIR388	MIN	MAX	DIR389	MIN	MAX	DIR390	MIN	MAX	DIR391	MIN	MAX	DIR392	MIN	MAX	DIR393	MIN	MAX	DIR394	MIN	MAX	DIR395	MIN	MAX	DIR396	MIN	MAX	DIR397	MIN	MAX	DIR398	MIN	MAX	DIR399	MIN	MAX	DIR400	MIN	MAX	DIR401	MIN	MAX	DIR402	MIN	MAX	DIR403	MIN	MAX	DIR404	MIN	MAX	DIR405	MIN	MAX	DIR406	MIN	MAX	DIR407	MIN	MAX	DIR408	MIN	MAX	DIR409	MIN	MAX	DIR410	MIN	MAX	DIR411	MIN	MAX	DIR412	MIN	MAX	DIR413	MIN	MAX	DIR414	MIN	MAX	DIR415	MIN	MAX	DIR416	MIN	MAX	DIR417	MIN	MAX	DIR418	MIN	MAX	DIR419	MIN	MAX	DIR420	MIN	MAX	DIR421	MIN	MAX	DIR422	MIN	MAX	DIR423	MIN	MAX	DIR424	MIN	MAX	DIR425	MIN	MAX	DIR426	MIN	MAX	DIR427	MIN	MAX	DIR428	MIN	MAX	DIR429	MIN	MAX	DIR430	MIN	MAX	DIR431	MIN	MAX	DIR432	MIN	MAX	DIR433	MIN	MAX	DIR434	MIN	MAX	DIR435	MIN	MAX	DIR436	MIN	MAX	DIR437	MIN	MAX	DIR438	MIN	MAX	DIR439	MIN	MAX	DIR440	MIN	MAX	DIR441	MIN	MAX	DIR442	MIN	MAX	DIR443	MIN	MAX	DIR444	MIN	MAX	DIR445	MIN	MAX	DIR446	MIN	MAX	DIR447	MIN	MAX	DIR448	MIN	MAX	DIR449	MIN	MAX	DIR450	MIN	MAX	DIR451	MIN	MAX	DIR452	MIN	MAX	DIR453	MIN	MAX	DIR454	MIN	MAX	DIR455	MIN	MAX	DIR456	MIN	MAX	DIR457	MIN	MAX	DIR458	MIN	MAX	DIR459	MIN	MAX	DIR460	MIN	MAX	DIR461	MIN	MAX	DIR462	MIN	MAX	DIR463	MIN	MAX	DIR464	MIN	MAX	DIR465	MIN	MAX	DIR466	MIN	MAX	DIR467	MIN	MAX	DIR468	MIN	MAX	DIR469	MIN	MAX	DIR470	MIN	MAX	DIR471	MIN	MAX	DIR472	MIN	MAX	DIR473	MIN	MAX	DIR474	MIN	MAX	DIR475	MIN	MAX	DIR476	MIN	MAX	DIR477	MIN	MAX	DIR478	MIN	MAX	DIR479	MIN	MAX	DIR480	MIN	MAX	DIR481	MIN	MAX	DIR482	MIN	MAX	DIR483	MIN	MAX	DIR484	MIN	MAX	DIR485	MIN	MAX	DIR486	MIN	MAX	DIR487	MIN	MAX	DIR488	MIN	MAX	DIR489	MIN	MAX	DIR490	MIN	MAX	DIR491	MIN	MAX	DIR492	MIN	MAX	DIR493	MIN	MAX	DIR494	MIN	MAX	DIR495	MIN	MAX	DIR496	MIN	MAX	DIR497	MIN	MAX	DIR498	MIN	MAX	DIR499	MIN	MAX	DIR500	MIN	MAX	DIR501	MIN	MAX	DIR502	MIN	MAX	DIR503	MIN	MAX	DIR504	MIN	MAX	DIR505	MIN	MAX	DIR506	MIN	MAX	DIR507	MIN	MAX	DIR508	MIN	MAX	DIR509	MIN	MAX	DIR510	MIN	MAX	DIR511	MIN	MAX	DIR512	MIN	MAX	DIR513	MIN	MAX	DIR514	MIN	MAX	DIR515	MIN	MAX	DIR516	MIN	MAX	DIR517	MIN	MAX	DIR518	MIN	MAX	DIR519	MIN	MAX	DIR520	MIN	MAX	DIR521	MIN	MAX	DIR522	MIN	MAX	DIR523	MIN	MAX	DIR524	MIN	MAX	DIR525	MIN	MAX	DIR526	MIN	MAX	DIR527	MIN	MAX	DIR528	MIN	MAX	DIR529	MIN	MAX	DIR530	MIN	MAX	DIR531	MIN	MAX	DIR532	MIN	MAX	DIR533	MIN	MAX	DIR534	MIN	MAX	DIR535	MIN	MAX	DIR536	MIN	MAX	DIR537	MIN	MAX	DIR538	MIN	MAX	DIR539	MIN	MAX	DIR540	MIN	MAX	DIR541	MIN	MAX	DIR542	MIN	MAX	DIR543	MIN	MAX	DIR544	MIN	MAX	DIR545	MIN	MAX	DIR546	MIN	MAX	DIR547	MIN	MAX	DIR548	MIN	MAX	DIR549	MIN	MAX	DIR550	MIN	MAX	DIR551	MIN	MAX	DIR552	MIN	MAX	DIR553	MIN	MAX	DIR554	MIN	MAX	DIR555	MIN	MAX	DIR556	MIN	MAX	DIR557	MIN	MAX	DIR558	MIN	MAX	DIR559	MIN	MAX	DIR560	MIN	MAX	DIR561	MIN	MAX	DIR562	MIN	MAX	DIR563	MIN	MAX	DIR564	MIN	MAX	DIR565	MIN	MAX	DIR566	MIN	MAX	DIR567	MIN	MAX	DIR568	MIN	MAX	DIR569	MIN	MAX	DIR570	MIN	MAX	DIR571	MIN	MAX	DIR572	MIN	MAX	DIR573	MIN	MAX	DIR574	MIN	MAX	DIR575	MIN	MAX	DIR576	MIN	MAX	DIR577	MIN	MAX	DIR578	MIN	MAX	DIR579	MIN	MAX	DIR580	MIN	MAX	DIR581	MIN	MAX	DIR582	MIN	MAX	DIR583	MIN	MAX	DIR584	MIN	MAX	DIR585	MIN

[illegible]

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

	WIND SPD1 30 A S	WIND SPD2 30 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 30 A S	WIND DIR1 30 A S	MIN 30 B S	MAX 30 B S	WIND DIR2 150A S	MIN 150A S	MAX 150A S	WIND DIR3 150B S	MIN 150B S	MAX 150B S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S	MIN S	MAX S
100	86 0	0 2	277 0	0 2	0 2	0 2	224 0	204	243	0 2	0 0	0 0	278 0	254	302	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
200	67 0	0 2	169 0	0 2	0 2	0 2	248 0	230	269	0 2	0 0	0 0	271 0	262	284	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
300	67 0	0 2	175 0	0 2	0 2	0 2	221 0	200	257	0 2	0 0	0 0	226 0	213	236	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
400	82 0	0 2	194 0	0 2	0 2	0 2	223 0	196	246	0 2	0 0	0 0	216 0	203	228	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
500	52 0	0 2	140 0	0 2	0 2	0 2	210 0	180	232	0 2	0 0	0 0	219 0	209	231	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
600	57 0	0 2	144 0	0 2	0 2	0 2	223 0	204	246	0 2	0 0	0 0	234 0	225	248	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
700	73 0	0 2	180 0	0 2	0 2	0 2	243 0	225	255	0 2	0 0	0 0	268 0	257	281	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
800	71 0	0 2	111 0	0 2	0 2	0 2	267 0	248	287	0 2	0 0	0 0	287 0	271	309	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
900	61 0	0 2	125 0	0 2	0 2	0 2	267 0	240	296	0 2	0 0	0 0	293 0	270	309	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 2
1000	88 0	95 0	98 0	96 0	0 0	0 0	268 0	294	251	272 0	329	238	261 0	280	219	255 0	280	218	0 0	0 0	0 0	0 0	0 0	0 0
1100	71 0	73 0	89 0	84 0	0 0	0 0	238 0	280	189	245 0	309	192	238 0	267	205	231 0	266	200	0 0	0 0	0 0	0 0	0 0	0 0
1200	66 0	68 0	70 0	72 0	0 0	0 0	245 0	319	207	246 0	350	214	255 0	287	223	246 0	288	205	0 0	0 0	0 0	0 0	0 0	0 0
1300	77 0	81 0	99 0	103 0	0 0	0 0	245 0	283	216	248 0	305	216	260 0	279	244	253 0	292	235	0 0	0 0	0 0	0 0	0 0	0 0
1400	126 0	135 0	163 0	171 0	0 0	0 0	261 0	279	239	264 0	306	238	270 0	277	262	261 0	274	243	0 0	0 0	0 0	0 0	0 0	0 0
1500	141 0	146 0	172 0	178 0	0 0	0 0	264 0	298	244	266 0	330	215	278 0	298	257	269 0	293	245	0 0	0 0	0 0	0 0	0 0	0 0
1600	80 0	84 0	102 0	109 0	0 0	0 0	264 0	299	239	264 0	308	219	279 0	297	255	270 0	294	237	0 0	0 0	0 0	0 0	0 0	0 0
1700	58 0	56 0	78 0	82 0	0 0	0 0	290 0	338	240	292 0	354	219	302 0	335	269	295 0	332	261	0 0	0 0	0 0	0 0	0 0	0 0
1800	36 0	33 0	50 0	49 0	0 0	0 0	272 0	353	213	272 0	353	199	292 0	322	248	283 0	321	234	0 0	0 0	0 0	0 0	0 0	0 0
1900	42 0	35 0	57 0	63 0	0 0	0 0	253 0	315	219	256 0	308	216	268 0	306	251	260 0	311	243	0 0	0 0	0 0	0 0	0 0	0 0
2000	50 0	48 0	64 0	68 0	0 0	0 0	305 0	356	264	306 0	354	241	304 0	321	290	295 0	313	280	0 0	0 0	0 0	0 0	0 0	0 0
2100	38 0	41 0	61 0	64 0	0 0	0 0	310 0	349	265	308 0	354	238	311 0	333	293	302 0	326	282	0 0	0 0	0 0	0 0	0 0	0 0
2200	35 0	39 0	61 0	66 0	0 0	0 0	285 0	352	243	288 0	354	238	295 0	322	270	288 0	326	262	0 0	0 0	0 0	0 0	0 0	0 0
2300	84 0	86 0	113 0	122 0	0 0	0 0	289 0	316	252	288 0	331	260	297 0	316	261	288 0	317	227	0 0	0 0	0 0	0 0	0 0	0 0
2400	69 0	72 0	97 0	103 0	0 0	0 0	269 0	316	231	270 0	317	237	281 0	304	263	273 0	316	233	0 0	0 0	0 0	0 0	0 0	0 0

	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	775 0	0 2	0 2	0 2	320 2	320 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	625 0	0 2	0 2	0 2	320 2	320 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
300	662 0	0 2	0 2	0 2	320 2	320 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
400	676 0	0 2	0 2	0 2	320 2	320 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
500	676 0	0 2	0 2	0 2	320 2	320 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	683 0	0 2	0 2	0 2	320 2	320 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
700	686 0	0 2	0 2	0 2	320 2	320 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
800	686 0	0 2	0 2	0 2	320 2	320 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	703 0	0 2	0 2	0 2	320 2	320 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	687 0	682 0	678 0	671 0	320 2	320 2	-9 0	-9 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1100	707 0	700 0	698 0	693 0	320 2	320 2	-5 0	-5 0	0 0	0 0	574 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1200	727 0	720 0	712 0	709 0	320 2	320 2	-11 0	-11 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1300	716 0	709 0	698 0	693 0	320 2	320 2	-16 0	-16 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1400	723 0	718 0	700 0	693 0	320 2	320 2	-25 0	-25 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1500	714 0	707 0	696 0	689 0	320 2	320 2	-18 0	-18 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1600	696 0	687 0	680 0	673 0	320 2	320 2	-14 0	-14 0	0 0	0 0	556 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1700	734 0	727 0	696 0	691 0	320 2	320 2	-36 0	-36 0	0 0	0 0	585 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1800	730 0	721 0	702 0	698 0	320 2	320 2	-23 0	-23 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1900	682 0	676 0	678 0	673 0	320 2	320 2	-4 0	-4 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2000	675 0	667 0	669 0	664 0	320 2	320 2	-4 0	-4 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2100	657 0	649 0	669 0	652 0	320 2	320 2	14 0	14 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2200	651 0	644 0	664 0	658 0	320 2	320 2	13 0	13 0	0 0	0 0	520 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2300	657 0	651 0	653 0	648 0	320 2	320 2	-4 0	-4 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2400	649 0	642 0	646 0	640 0	320 2	320 2	-2 0	-2 0	0 0	0 0	516 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	B	150B	B	50	A S	50	A S	50	A S	50	B S	150A	S	50	A S	150A	S	50	B S	150B	S	50	A S	150A	S	50	A S	150A	S
100	82	0	83	0	121	0	128	0	0	0	0	0	294	0	326	263	298	0	351	260	307	0	316	289	297	0	307	279	0	0	0	0	0	0
200	113	0	118	0	162	0	161	0	0	0	0	0	308	0	340	254	308	0	354	261	322	0	331	313	313	0	330	298	0	0	0	0	0	0
300	123	0	123	0	168	0	170	0	0	0	0	0	307	0	335	274	308	0	352	279	319	0	327	313	308	0	317	287	0	0	0	0	0	0
400	108	0	114	0	157	0	156	0	0	0	0	0	312	0	344	254	312	0	60	282	326	0	342	309	316	0	350	295	0	0	0	0	0	0
500	116	0	119	0	173	0	172	0	0	0	0	0	312	0	342	259	312	0	354	261	325	0	338	305	315	0	341	300	0	0	0	0	0	0
600	105	0	115	0	160	0	158	0	0	0	0	0	317	0	357	265	316	0	353	263	329	0	346	310	319	0	349	288	0	0	0	0	0	0
700	90	0	92	0	135	0	134	0	0	0	0	0	325	0	11	279	326	0	35	281	335	0	11	307	325	0	355	294	0	0	0	0	0	0
800	79	0	79	0	116	0	120	0	0	0	0	0	299	0	333	267	302	0	341	259	311	0	321	299	301	0	313	288	0	0	0	0	0	0
900	114	0	120	0	170	0	166	0	0	0	0	0	298	0	350	267	300	0	352	240	312	0	320	303	302	0	316	293	0	0	0	0	0	0
1000	132	0	134	0	171	0	164	0	0	0	0	0	306	0	333	275	308	0	353	217	320	0	331	305	309	0	325	292	0	0	0	0	0	0
1100	96	0	97	0	151	0	151	0	0	0	0	0	320	0	19	281	320	0	354	262	336	0	358	310	328	0	7	279	0	0	0	0	0	0
1200	110	0	109	0	149	0	144	0	0	0	0	0	316	0	20	275	312	0	353	263	331	0	348	308	321	0	15	272	0	0	0	0	0	0
1300	87	0	87	0	124	0	111	0	0	0	0	0	328	0	15	281	328	0	38	281	336	0	4	305	328	0	6	290	0	0	0	0	0	0
1400	80	0	83	0	118	0	118	0	0	0	0	0	331	0	16	280	331	0	13	283	342	0	5	323	336	0	358	287	0	0	0	0	0	0
1500	100	0	100	0	132	0	128	0	0	0	0	0	339	0	14	294	336	0	14	286	346	0	21	334	343	0	21	319	0	0	0	0	0	0
1600	50	0	50	0	79	0	77	0	0	0	0	0	348	0	122	278	350	0	127	282	356	0	33	320	352	0	39	297	0	0	0	0	0	0
1700	57	0	62	0	71	0	71	0	0	0	0	0	26	0	67	333	27	0	81	307	22	0	59	335	10	0	50	313	0	0	0	0	0	0
1800	44	0	48	0	53	0	54	0	0	0	0	0	28	0	53	347	30	0	82	351	24	0	44	341	13	0	43	334	0	0	0	0	0	0
1900	34	0	38	0	38	0	40	0	0	0	0	0	18	0	47	350	19	0	39	350	36	0	59	11	28	0	56	0	0	0	0	0	0	0
2000	0	4	7	0	0	4	11	0	0	0	0	0	9	3	91	278	91	0	148	37	70	3	90	49	82	3	129	56	0	0	0	0	0	0
2100	25	0	29	0	11	0	17	0	0	0	0	0	40	3	49	30	46	0	58	34	52	3	73	28	48	3	73	29	0	0	0	0	0	0
2200	32	0	36	0	38	0	45	0	0	0	0	0	76	0	84	64	80	0	83	59	75	0	93	67	73	0	80	63	0	0	0	0	0	0
2300	14	0	26	0	15	0	20	0	0	0	0	0	130	5	147	113	143	0	151	276	80	3	141	49	123	5	151	89	0	0	0	0	0	0
2400	39	0	43	0	37	0	28	0	0	0	0	0	183	0	200	173	192	0	237	169	186	0	191	181	183	0	193	178	0	0	0	0	0	0

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
30 A	B	30 B	S	180A	B	180B	S	S	S	180A	B	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
100	648	0		640	0	639	0	633	0	320	2	320	2	-7	0	-7	0	0	0	0	0	520	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
200	628	0		622	0	624	0	619	0	320	2	320	2	-4	0	-4	0	0	0	0	0	509	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
300	633	0		628	0	626	0	621	0	320	2	320	2	-7	0	-7	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
400	631	0		626	0	622	0	619	0	320	2	320	2	-7	0	-7	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
500	626	0		619	0	621	0	615	0	320	2	320	2	-5	0	-5	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
600	630	0		622	0	621	0	615	0	320	2	320	2	-7	0	-7	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
700	628	0		621	0	619	0	613	0	320	2	320	2	-9	0	-9	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
800	639	0		633	0	621	0	617	0	320	2	320	2	-16	0	-16	0	0	0	0	0	520	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
900	651	0		648	0	631	0	624	0	320	2	320	2	-22	0	-22	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1000	662	0		657	0	633	0	626	0	320	2	320	2	-27	0	-27	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1100	671	0		666	0	635	0	630	0	320	2	320	2	-36	0	-36	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1200	680	0		673	0	644	0	639	0	320	2	320	2	-34	0	-34	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1300	709	0		702	0	657	0	649	0	320	2	320	2	-49	0	-50	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1400	702	0		696	0	651	0	646	0	320	2	320	2	-50	0	-52	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1500	693	0		687	0	651	0	646	0	320	2	320	2	-41	0	-41	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1600	714	0		709	0	667	0	662	0	320	2	320	2	-45	0	-47	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1700	725	0		721	0	691	0	685	0	320	2	320	2	-32	0	-36	0	0	0	0	0	586	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1800	736	0		732	0	712	0	705	0	320	2	320	2	-25	0	-25	0	0	0	0	0	594	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
1900	725	0		720	0	709	0	702	0	320	2	320	2	-16	0	-18	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2000	676	0		669	0	691	0	692	0	320	2	320	2	14	0	14	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2100	662	0		657	0	660	0	653	0	320	2	320	2	0	0	-2	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2200	648	0		640	0	685	0	680	0	320	2	320	2	40	0	40	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2300	675	0		669	0	666	0	657	0	320	2	320	2	-11	0	-11	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	132	0
2400	673	0		666	0	675	0	667	0	320	2	320	2	2	0	2	0	0	0	0	0	527	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

[illegible]

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

	WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND						
	SPD1			SPD2			SPD3			SPD4			SPD5			SPD6			DIR1			MIN	MAX	DIR2			MIN	MAX	DIR3			MIN	MAX	DIR4			MIN	MAX	DIR5			MIN	MAX	DIR6					
	50	A	S	50	B	S	150A	S	150B	S			50	A	S							50	B	S			150A	S			150B	S						50	B	S									
100	159	0		163	0		272	0	272	0		0	0		0	0		238	0		269	199		242	0	286	193		245	0	259	233		236	0	252	217		0	0		0	0		0	0		0	0
200	180	0		185	0		286	0	305	0		0	0		0	0		241	0		268	219		246	0	286	195		247	0	259	225		236	0	249	212		0	0		0	0		0	0		0	0
300	193	0		203	0		297	0	322	0		0	0		0	0		241	0		263	207		246	0	285	216		247	0	259	237		236	0	265	215		0	0		0	0		0	0		0	0
400	196	0		203	0		297	0	318	0		0	0		0	0		243	0		276	216		247	0	282	195		251	0	257	247		242	0	254	234		0	0		0	0		0	0		0	0
500	149	0		152	0		243	0	259	0		0	0		0	0		246	0		270	217		250	0	286	212		256	0	261	251		247	0	258	230		0	0		0	0		0	0		0	0
600	113	0		120	0		172	0	186	0		0	0		0	0		240	0		262	203		244	0	283	195		251	0	258	238		242	0	253	219		0	0		0	0		0	0		0	0
700	127	0		127	0		182	0	185	0		0	0		0	0		243	0		275	224		245	0	285	196		256	0	282	243		248	0	269	231		0	0		0	0		0	0		0	0
800	110	0		112	0		147	0	156	0		0	0		0	0		241	0		265	210		243	0	281	195		253	0	271	241		245	0	260	230		0	0		0	0		0	0		0	0
900	108	0		109	0		152	0	159	0		0	0		0	0		238	0		266	204		240	0	310	193		245	0	259	236		237	0	251	223		0	0		0	0		0	0		0	0
1000	124	0		118	0		163	0	169	0		0	0		0	0		235	0		272	210		239	0	282	198		245	0	264	235		237	0	274	219		0	0		0	0		0	0		0	0
1100	126	0		130	0		181	0	192	0		0	0		0	0		239	0		272	194		240	0	284	190		251	0	264	236		243	0	257	227		0	0		0	0		0	0		0	0
1200	132	0		138	0		186	0	197	0		0	0		0	0		243	0		262	229		246	0	281	213		256	0	263	242		248	0	254	237		0	0		0	0		0	0		0	0
1300	94	0		99	0		150	0	161	0		0	0		0	0		246	0		269	205		249	0	282	196		259	0	271	241		250	0	276	220		0	0		0	0		0	0		0	0
1400	59	0		61	0		102	0	108	0		0	0		0	0		253	0		300	213		254	0	309	212		268	0	284	242		259	0	282	218		0	0		0	0		0	0		0	0
1500	64	0		71	0		84	0	93	0		0	0		0	0		264	0		300	233		267	0	304	235		264	0	283	229		257	0	286	211		0	0		0	0		0	0		0	0
1600	79	0		84	0		133	0	141	0		0	0		0	0		259	0		286	227		260	0	304	220		275	0	285	263		267	0	285	248		0	0		0	0		0	0		0	0
1700	139	0		146	0		246	0	264	0		0	0		0	0		260	0		284	230		262	0	289	218		268	0	275	254		259	0	280	229		0	0		0	0		0	0		0	0
1800	130	0		138	0		223	0	237	0		0	0		0	0		243	0		307	212		246	0	349	215		256	0	260	249		248	0	257	226		0	0		0	0		0	0		0	0
1900	101	0		106	0		187	0	202	0		0	0		0	0		252	0		273	219		254	0	285	214		274	0	286	264		266	0	286	244		0	0		0	0		0	0		0	0
2000	103	0		109	0		167	0	178	0		0	0		0	0		254	0		283	229		255	0	285	217		279	0	297	268		271	0	288	252		0	0		0	0		0	0		0	0
2100	86	0		90	0		142	0	153	0		0	0		0	0		249	0		283	217		252	0	286	217		272	0	289	259		264	0	284	243		0	0		0	0		0	0		0	0
2200	62	0		59	0		110	0	119	0		0	0		0	0		229	0		285	194		234	0	285	192		242	0	261	220		235	0	258	200		0	0		0	0		0	0		0	0
2300	106	0		102	0		203	0	206	0		0	0		0	0		280	0		344	240		280	0	350	237		300	0	312	279		291	0	324	253		0	0		0	0		0	0		0	0
2400	138	0		138	0		237	0	243	0		0	0		0	0		299	0		327	280		300	0	328	261		314	0	318	304		304	0	309	298		0	0		0	0		0	0		0	0

[illegible]

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

WIND SPD1 50 A	WIND SPD2 50 B	WIND SPD3 150A	WIND SPD4 150B	WIND SPD5 S	WIND SPD6 S	WIND DIR1	MIN 50	MAX B	WIND DIR2	MIN 150A	MAX B	WIND DIR3	MIN 150B	WIND DIR4	MIN S	MAX B	WIND DIR5	MIN S	MAX B	WIND DIR6	MIN S	MAX B
100	117 0	117 0	198 0	203 0	0 0	0 0	292 0	315 269	293 0	331 239	310 0	318 299	300 0	310 290	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	63 0	66 0	118 0	116 0	0 0	0 0	319 0	15 277	316 0	354 259	335 0	357 309	325 0	358 270	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	60 0	58 0	94 0	93 0	0 0	0 0	336 0	7 297	335 0	13 307	341 0	350 327	338 0	351 310	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	73 0	72 0	106 0	104 0	0 0	0 0	322 0	335 292	322 0	351 284	340 0	346 335	337 0	344 324	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	38 0	39 0	55 0	57 0	0 0	0 0	316 0	43 277	318 0	15 282	332 0	346 310	323 0	342 290	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	37 0	41 0	56 0	61 0	0 0	0 0	39 0	60 10	39 0	80 14	41 0	52 21	34 0	49 11	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	27 0	26 0	30 0	34 0	0 0	0 0	292 0	321 255	294 3	354 237	289 0	329 263	280 0	325 249	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	67 0	71 0	82 0	88 0	0 0	0 0	255 0	279 223	258 0	357 217	261 0	282 240	254 0	281 223	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	52 0	52 0	59 0	65 0	0 0	0 0	246 0	296 194	245 0	309 194	260 0	291 230	251 0	285 215	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	39 0	38 0	39 0	39 0	0 0	0 0	294 0	338 228	296 0	350 218	290 0	359 238	281 0	343 219	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	41 0	44 0	41 0	45 0	0 0	0 0	290 0	349 259	290 0	350 239	302 0	321 290	294 0	313 273	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	49 0	50 0	56 0	57 0	0 0	0 0	278 0	319 228	278 0	352 234	311 0	323 288	302 0	327 278	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	45 0	49 0	52 0	57 0	0 0	0 0	286 0	332 245	288 0	352 237	294 0	311 252	286 0	302 248	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	28 0	32 0	33 0	35 0	0 0	0 0	324 3	42 274	327 0	40 282	344 0	30 300	335 0	22 293	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	48 0	52 0	54 0	54 0	0 0	0 0	325 0	7 276	329 0	34 279	349 0	12 326	344 0	7 326	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	57 0	58 0	79 0	77 0	0 0	0 0	342 0	78 275	345 0	104 304	348 0	16 332	345 0	12 315	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	54 0	59 0	65 0	64 0	0 0	0 0	28 0	70 5	30 0	107 352	26 0	46 353	17 0	51 349	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	32 0	41 0	46 0	56 0	0 0	0 0	62 0	82 17	65 0	102 17	68 0	81 49	65 0	90 50	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	43 0	49 0	65 0	70 0	0 0	0 0	78 0	101 45	83 0	110 39	79 0	89 69	76 0	84 66	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	50 0	54 0	82 0	83 0	0 0	0 0	84 0	109 67	91 0	123 61	79 0	92 74	77 0	83 73	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	49 0	51 0	77 0	80 0	0 0	0 0	106 0	116 95	114 0	132 102	82 0	92 70	113 0	119 108	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	92 0	87 0	128 0	123 0	0 0	0 0	140 0	258 18	144 0	243 35	142 0	237 63	140 0	231 57	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	42 0	39 0	48 0	41 0	0 0	0 0	120 0	261 1	125 0	252 12	304 0	173 181	135 0	259 4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	58 0	52 0	132 0	93 0	0 0	0 0	187 0	235 128	193 0	264 105	203 0	218 187	201 0	232 178	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

AMB. TEM1 30 A	AMB. TEM2 30 B	AMB. TEM3 180A	AMB. TEM4 180B	AMB. TEM5 S	AMB. TEMP6 S	D.T. 1 180A	D.T. 2 180B	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	720 0	738 0	730 0	320 2	320 2	13 0	13 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	132 0
200	705 0	698 0	707 0	700 0	320 2	320 2	2 0	2 0	0 0	0 0	547 0	0 2	0 2	0 2	0 2	0 2	132 0
300	682 0	676 0	682 0	676 0	320 2	320 2	0 0	0 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	132 0
400	669 0	664 0	691 0	685 0	320 2	320 2	23 0	23 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	132 0
500	657 0	649 0	662 0	657 0	320 2	320 2	5 0	7 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	132 0
600	651 0	644 0	664 0	658 0	320 2	320 2	13 0	14 0	0 0	0 0	520 0	0 2	0 2	0 2	0 2	0 2	132 0
700	669 0	664 0	678 0	673 0	320 2	320 2	11 0	9 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	132 0
800	684 0	678 0	669 0	662 0	320 2	320 2	-14 0	-14 0	0 0	0 0	550 0	0 2	0 2	0 2	0 2	0 2	132 0
900	696 0	691 0	680 0	675 0	320 2	320 2	-14 0	-16 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	132 0
1000	747 0	734 0	734 0	729 0	320 2	320 2	-4 0	-4 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	132 0
1100	763 0	757 0	745 0	741 0	320 2	320 2	-16 0	-14 0	0 0	0 0	619 0	0 2	0 2	0 2	0 2	0 2	132 0
1200	754 0	748 0	730 0	725 0	320 2	320 2	-22 0	-22 0	0 0	0 0	617 0	0 2	0 2	0 2	0 2	0 2	132 0
1300	734 0	729 0	721 0	716 0	320 2	320 2	-11 0	-13 0	0 0	0 0	577 0	0 2	0 2	0 2	0 2	0 2	132 0
1400	826 0	826 0	786 0	783 0	320 2	320 2	-38 0	-41 0	0 0	0 0	612 0	0 2	0 2	0 2	0 2	0 2	132 0
1500	862 0	858 0	808 0	802 0	320 2	320 2	-52 0	-56 0	0 0	0 0	631 0	0 2	0 2	0 2	0 2	0 2	132 0
1600	840 0	835 0	795 0	790 0	320 2	320 2	-43 0	-45 0	0 0	0 0	631 0	0 2	0 2	0 2	0 2	0 2	132 0
1700	849 0	847 0	815 0	810 0	320 2	320 2	-34 0	-38 0	0 0	0 0	646 0	0 2	0 2	0 2	0 2	0 2	132 0
1800	856 0	853 0	824 0	819 0	320 2	320 2	-31 0	-32 0	0 0	0 0	644 0	0 2	0 2	0 2	0 2	0 2	132 0
1900	828 0	822 0	817 0	811 0	320 2	320 2	-9 0	-11 0	0 0	0 0	622 0	0 2	0 2	0 2	0 2	0 2	132 0
2000	797 0	792 0	808 0	801 0	320 2	320 2	11 0	9 0	0 0	0 0	595 0	0 2	0 2	0 2	0 2	0 2	132 0
2100	797 0	790 0	810 0	804 0	320 2	320 2	14 0	14 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	132 0
2200	684 0	675 0	700 0	693 0	320 2	320 2	16 0	18 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	163 0
2300	700 0	689 0	747 0	727 0	320 2	320 2	29 0	27 0	0 0	0 0	536 0	0 2	0 2	0 2	0 2	0 2	185 0
2400	671 0	667 0	702 0	693 0	320 2	320 2	25 0	25 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	185 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6		
	50	A S	50	B S	150A	S	150B	S	50	A S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150B	S	50	B S	150B	S	50	B S	150B	S	
100	41	0	42	0	22	0	23	0	0	0	0	0	62	0	93	21	63	0	101	328	248	0	343	184	194	0	268	100	0	0	0	0	0	0	
200	76	0	77	0	129	0	130	0	0	0	0	0	4	0	48	314	3	0	39	312	346	0	22	337	351	0	11	342	0	0	0	0	0	0	
300	86	0	87	0	142	0	135	0	0	0	0	0	351	0	35	320	353	0	40	287	5	0	22	344	355	0	18	329	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	68	0	74	0	86	0	81	0	0	0	0	0	40	0	100	348	35	0	84	310	31	0	49	325	22	0	61	333	0	0	0	0	0	0	
600	85	0	84	0	116	0	112	0	0	0	0	0	351	0	143	294	352	0	148	282	5	0	31	330	357	0	39	305	0	0	0	0	0	0	
700	86	0	87	0	118	0	116	0	0	0	0	0	353	0	135	286	350	0	125	286	3	0	32	327	357	0	40	308	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	92	0	92	0	120	0	116	0	0	0	0	0	343	0	37	290	346	0	170	282	357	0	34	327	351	0	29	298	0	0	0	0	0	0	
1300	90	0	91	0	118	0	116	0	0	0	0	0	338	0	38	279	345	0	59	282	352	0	37	322	345	0	25	293	0	0	0	0	0	0	
1400	121	0	122	0	150	0	147	0	0	0	0	0	339	0	8	298	336	0	35	282	347	0	10	338	344	0	11	330	0	0	0	0	0	0	0
1500	62	0	66	0	91	0	89	0	0	0	0	0	359	0	99	274	353	0	80	283	7	0	49	333	358	0	45	296	0	0	0	0	0	0	0
1600	49	0	50	0	72	0	76	0	0	0	0	0	357	0	78	290	10	0	174	285	0	0	78	321	352	0	63	279	0	0	0	0	0	0	0
1700	67	0	70	0	89	0	88	0	0	0	0	0	341	0	37	295	340	0	39	282	352	0	27	327	350	0	36	325	0	0	0	0	0	0	0
1800	53	0	56	0	85	0	89	0	0	0	0	0	21	0	130	331	26	0	103	309	7	0	39	325	1	0	52	320	0	0	0	0	0	0	0
1900	59	0	63	0	72	0	76	0	0	0	0	0	33	0	74	4	33	0	83	353	38	0	65	18	30	0	65	348	0	0	0	0	0	0	0
2000	38	0	44	0	59	0	75	0	0	0	0	0	73	0	97	35	80	0	107	56	70	0	82	54	66	0	77	50	0	0	0	0	0	0	0
2100	45	0	51	0	56	0	61	0	0	0	0	0	142	0	224	123	149	0	250	127	55	0	65	50	135	0	140	127	0	0	0	0	0	0	0
2200	45	0	45	0	104	0	82	0	0	0	0	0	182	0	233	131	187	0	259	126	185	0	193	181	182	0	192	177	0	0	0	0	0	0	0
2300	66	0	66	0	108	0	123	0	0	0	0	0	224	0	250	202	228	0	261	193	224	0	233	216	220	0	230	212	0	0	0	0	0	0	0
2400	71	0	73	0	125	0	139	0	0	0	0	0	230	0	254	198	234	0	282	194	233	0	240	212	228	0	248	204	0	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		S	
	30	A	S	30	B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S				
100	675	0		662	0		747	0	745	0	320	2	320	2	83	0	83	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
200	711	0		703	0		736	0	730	0	320	2	320	2	27	0	27	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
300	694	0		685	0		694	0	685	0	320	2	320	2	0	0	2	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
400	0	2		0	2		0	2	0	2	320	2	320	2	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	721	0		709	0		694	0	684	0	320	2	320	2	-22	0	-23	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
600	721	0		714	0		691	0	682	0	320	2	320	2	-31	0	-31	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
700	700	0		691	0		671	0	662	0	320	2	320	2	-27	0	-27	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
800	0	2		0	2		0	2	0	2	320	2	320	2	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	0	2		0	2		0	2	0	2	320	2	320	2	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	320	2	320	2	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	320	2	320	2	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	712	0		705	0		676	0	667	0	320	2	320	2	-36	0	-36	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1300	700	0		694	0		658	0	651	0	320	2	320	2	-41	0	-41	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1400	703	0		696	0		660	0	655	0	320	2	320	2	-41	0	-41	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1500	730	0		725	0		687	0	678	0	320	2	320	2	-43	0	-43	0	0	0	0	0	540	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1600	725	0		723	0		687	0	682	0	320	2	320	2	-40	0	-41	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1700	718	0		712	0		684	0	678	0	320	2	320	2	-34	0	-34	0	0	0	0	0	577	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1800	721	0		718	0		691	0	685	0	320	2	320	2	-31	0	-32	0	0	0	0	0	585	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1900	705	0		700	0		693	0	687	0	320	2	320	2	-13	0	-13	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2000	669	0		662	0		693	0	685	0	320	2	320	2	22	0	25	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2100	658	0		651	0		676	0	669	0	320	2	320	2	18	0	20	0	0	0	0	0	516	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2200	651	0		644	0		680	0	673	0	320	2	320	2	27	0	29	0	0	0	0	0	518	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2300	646	0		639	0		673	0	666	0	320	2	320	2	25	0	27	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2400	648	0		640	0		666	0	660	0	320	2	320	2	18	0	18	0	0	0	0	0	514	0	0	2	0	2	0	2	0	2	0	2	0	2	185	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

	WIND SPD1 50 A B	WIND SPD2 50 B B	WIND SPD3 150A B	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A B	WIND DIR3 MIN MAX 150B B	WIND DIR4 MIN MAX B	WIND DIR5 MIN MAX B	WIND DIR6 MIN MAX B
100	56 0	56 0	107 0	122 0	0 0	0 0	224 0 252 204	229 0 259 196	231 0 237 226	226 0 235 215	0 0 0 0	0 0 0 0
200	58 0	63 0	85 0	96 0	0 0	0 0	237 0 252 217	241 0 262 216	256 0 263 251	250 0 258 244	0 0 0 0	0 0 0 0
300	75 0	80 0	102 0	115 0	0 0	0 0	237 0 264 215	240 0 278 214	245 0 264 228	239 0 254 216	0 0 0 0	0 0 0 0
400	63 0	67 0	95 0	109 0	0 0	0 0	240 0 260 206	244 0 264 214	253 0 261 241	248 0 259 232	0 0 0 0	0 0 0 0
500	70 0	74 0	95 0	108 0	0 0	0 0	254 0 284 228	256 0 286 217	263 0 274 251	255 0 274 242	0 0 0 0	0 0 0 0
600	49 0	54 0	70 0	79 0	0 0	0 0	251 0 293 207	254 0 296 214	260 0 299 228	253 0 294 224	0 0 0 0	0 0 0 0
700	25 0	22 0	38 0	46 0	0 0	0 0	308 0 351 231	308 3 354 238	310 0 340 259	305 0 355 227	0 0 0 0	0 0 0 0
800	40 0	44 0	63 0	44 0	0 0	0 0	162 0 226 109	170 0 240 102	191 0 205 179	188 0 203 175	0 0 0 0	0 0 0 0
900	33 0	32 0	55 0	48 0	0 0	0 0	153 0 262 90	155 0 264 102	174 0 199 98	174 0 212 121	0 0 0 0	0 0 0 0
1000	35 0	33 0	68 0	56 0	0 0	0 0	159 0 206 101	166 0 252 103	178 0 194 120	177 0 200 132	0 0 0 0	0 0 0 0
1100	46 0	41 0	56 0	48 0	0 0	0 0	127 0 175 43	145 0 266 102	143 0 177 59	154 0 184 121	0 0 0 0	0 0 0 0
1200	40 0	43 0	43 0	51 0	0 0	0 0	271 0 336 222	270 0 347 196	291 0 325 247	285 0 352 242	0 0 0 0	0 0 0 0
1300	36 0	39 0	42 0	44 0	0 0	0 0	294 0 357 223	293 0 357 237	317 0 343 287	311 0 0 271	0 0 0 0	0 0 0 0
1400	42 0	48 0	48 0	56 0	0 0	0 0	318 0 27 270	319 0 14 279	316 0 337 287	308 0 341 279	0 0 0 0	0 0 0 0
1500	38 0	42 0	44 0	49 0	0 0	0 0	301 0 348 255	297 0 357 237	305 0 331 276	297 0 336 268	0 0 0 0	0 0 0 0
1600	33 0	38 0	43 0	50 0	0 0	0 0	290 0 329 242	292 0 354 238	309 0 326 285	301 0 331 279	0 0 0 0	0 0 0 0
1700	32 0	37 0	39 0	45 0	0 0	0 0	303 0 347 274	302 0 334 257	310 0 330 294	302 0 327 278	0 0 0 0	0 0 0 0
1800	24 0	30 0	38 0	44 0	0 0	0 0	335 3 114 284	334 3 154 279	334 0 357 297	327 0 355 300	0 0 0 0	0 0 0 0
1900	24 0	27 0	45 0	48 0	0 0	0 0	11 3 50 294	20 3 107 307	9 0 58 318	1 0 67 292	0 0 0 0	0 0 0 0
2000	27 0	34 0	52 0	54 0	0 0	0 0	38 3 61 13	42 0 81 353	33 0 49 23	26 0 52 11	0 0 0 0	0 0 0 0
2100	46 0	57 0	75 0	96 0	0 0	0 0	52 0 80 32	56 0 84 20	49 0 52 43	44 0 50 33	0 0 0 0	0 0 0 0
2200	44 0	50 0	65 0	68 0	0 0	0 0	98 0 106 85	105 0 128 83	90 0 92 88	87 0 93 79	0 0 0 0	0 0 0 0
2300	41 0	44 0	57 0	63 0	0 0	0 0	114 0 124 105	125 0 149 103	79 0 89 70	108 0 118 97	0 0 0 0	0 0 0 0
2400	45 0	52 0	67 0	75 0	0 0	0 0	123 0 142 113	132 0 152 125	80 0 90 67	127 0 139 112	0 0 0 0	0 0 0 0

	AMB. TEM1 30 A B	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	657 0	651 0	687 0	682 0	320 2	320 2	31 0	32 0	0 0	0 0	518 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
200	660 0	655 0	675 0	667 0	320 2	320 2	14 0	14 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
300	669 0	664 0	667 0	662 0	320 2	320 2	2 0	2 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
400	664 0	658 0	669 0	664 0	320 2	320 2	5 0	5 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
500	675 0	669 0	675 0	669 0	320 2	320 2	0 0	0 0	0 0	0 0	531 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
600	673 0	667 0	673 0	666 0	320 2	320 2	0 0	0 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
700	669 0	662 0	671 0	666 0	320 2	320 2	4 0	4 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
800	642 0	635 0	664 0	655 0	320 2	320 2	20 0	20 0	0 0	0 0	511 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
900	698 0	693 0	675 0	666 0	320 2	320 2	-22 0	-25 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1000	691 0	684 0	669 0	664 0	320 2	320 2	-18 0	-20 0	0 0	0 0	543 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1100	725 0	711 0	700 0	694 0	320 2	320 2	-18 0	-20 0	0 0	0 0	518 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1200	759 0	754 0	729 0	725 0	320 2	320 2	-29 0	-27 0	0 0	0 0	604 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1300	799 0	795 0	747 0	741 0	320 2	320 2	-50 0	-52 0	0 0	0 0	579 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1400	808 0	804 0	748 0	747 0	320 2	320 2	-58 0	-58 0	0 0	0 0	615 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1500	813 0	810 0	763 0	761 0	320 2	320 2	-49 0	-49 0	0 0	0 0	617 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1600	808 0	806 0	766 0	763 0	320 2	320 2	-41 0	-41 0	0 0	0 0	624 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1700	786 0	781 0	757 0	752 0	320 2	320 2	-27 0	-29 0	0 0	0 0	603 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1800	774 0	768 0	748 0	743 0	320 2	320 2	-25 0	-25 0	0 0	0 0	599 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
1900	750 0	745 0	738 0	730 0	320 2	320 2	-13 0	-13 0	0 0	0 0	577 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
2000	727 0	720 0	729 0	723 0	320 2	320 2	4 0	4 0	0 0	0 0	563 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
2100	709 0	702 0	727 0	720 0	320 2	320 2	20 0	20 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
2200	711 0	703 0	718 0	712 0	320 2	320 2	9 0	9 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
2300	702 0	696 0	707 0	700 0	320 2	320 2	5 0	5 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	0 2	185 0
2400	678 0	671 0	696 0	691 0	320 2	320 2	18 0	20 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 2	185 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50 A	50 B	50 A	50 B	150A	150B	50 A	50 B	50 A	50 B	50 A	50 B	50 A	50 B	50 B	50 B	150A	150A	50 B	50 B	150A	150A	50 B	50 B	150A	150A	50 B	50 B	150A	150A	50 B	50 B	150A	150A
100	31	0	36	0	43	0	51	0	0	0	0	0	69	0	107	31	74	0	127	35	78	0	92	61	75	0	91	56	0	0	0	0	0	0
200	61	0	66	0	73	0	79	0	0	0	0	0	92	0	103	84	101	0	107	83	84	0	94	75	104	0	114	97	0	0	0	0	0	0
300	51	0	54	0	79	0	85	0	0	0	0	0	106	0	120	95	113	0	129	103	81	0	91	73	115	0	124	108	0	0	0	0	0	0
400	61	0	64	0	62	0	44	0	0	0	0	0	159	0	170	148	168	0	192	150	198	0	214	178	196	0	217	176	0	0	0	0	0	0
500	38	0	30	0	52	0	60	0	0	0	0	0	196	0	216	174	198	0	238	169	241	0	256	234	236	0	254	221	0	0	0	0	0	0
600	33	0	33	0	41	0	47	0	0	0	0	0	121	0	176	73	123	0	172	79	236	0	255	193	229	0	249	181	0	0	0	0	0	0
700	38	0	40	0	26	0	32	0	0	0	0	0	93	0	113	75	100	0	128	61	74	0	167	54	125	0	166	79	0	0	0	0	0	0
800	17	0	13	0	12	0	18	0	0	0	0	0	93	0	134	48	101	3	151	37	167	0	246	90	167	0	242	119	0	0	0	0	0	0
900	59	0	64	0	59	0	65	0	0	0	0	0	242	0	275	213	245	0	286	214	247	0	258	235	242	0	256	231	0	0	0	0	0	0
1000	45	0	45	0	48	0	51	0	0	0	0	0	253	0	320	200	255	0	330	211	257	0	291	221	249	0	299	195	0	0	0	0	0	0
1100	43	0	41	0	46	0	51	0	0	0	0	0	262	0	305	206	262	0	328	211	242	0	282	216	235	0	279	191	0	0	0	0	0	0
1200	35	0	38	0	48	0	55	0	0	0	0	0	231	0	294	188	235	0	311	189	238	0	322	208	232	0	293	200	0	0	0	0	0	0
1300	47	0	52	0	43	0	51	0	0	0	0	0	266	0	309	218	268	0	331	192	280	0	300	255	272	0	297	239	0	0	0	0	0	0
1400	37	0	42	0	51	0	58	0	0	0	0	0	296	0	344	236	297	0	356	218	308	0	325	259	299	0	321	237	0	0	0	0	0	0
1500	30	0	35	0	44	0	53	0	0	0	0	0	294	3	358	215	295	0	354	234	294	0	320	261	285	0	343	248	0	0	0	0	0	0
1600	52	0	58	0	70	0	80	0	0	0	0	0	241	0	288	210	247	0	289	216	245	0	273	229	238	0	266	213	0	0	0	0	0	0
1700	56	0	58	0	69	0	77	0	0	0	0	0	243	0	298	205	246	0	334	189	240	0	270	202	234	0	268	186	0	0	0	0	0	0
1800	43	0	47	0	56	0	64	0	0	0	0	0	233	0	293	204	237	0	304	193	237	0	265	200	232	0	269	190	0	0	0	0	0	0
1900	62	0	66	0	98	0	111	0	0	0	0	0	235	0	352	203	237	0	266	194	236	0	249	215	230	0	248	198	0	0	0	0	0	0
2000	45	0	37	0	82	0	73	0	0	0	0	0	226	0	78	195	215	0	266	152	215	0	225	203	212	0	223	197	0	0	0	0	0	0
2100	41	0	34	0	103	0	82	0	0	0	0	0	206	0	242	153	208	0	260	148	211	0	219	207	208	0	220	197	0	0	0	0	0	0
2200	48	0	43	0	110	0	94	0	0	0	0	0	202	0	238	151	208	0	259	150	212	0	223	204	210	0	224	199	0	0	0	0	0	0
2300	54	0	48	0	101	0	105	0	0	0	0	0	209	0	241	174	212	0	260	151	222	0	236	207	218	0	234	202	0	0	0	0	0	0
2400	42	0	0	2	61	0	0	2	0	2	0	2	186	0	167	215	0	2	0	0	280	0	269	304	0	2	0	0	0	2	0	0	0	2

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S			
	30 A	S	30 B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S				
100	662	0	655	0	680	0	673	0	320	2	320	2	20	0	20	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
200	655	0	648	0	676	0	671	0	320	2	320	2	23	0	25	0	0	0	0	0	518	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
300	651	0	642	0	685	0	678	0	320	2	320	2	36	0	38	0	0	0	0	0	516	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
400	646	0	639	0	684	0	676	0	320	2	320	2	38	0	38	0	0	0	0	0	516	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
500	644	0	637	0	689	0	682	0	320	2	320	2	27	0	27	0	0	0	0	0	523	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
600	637	0	628	0	689	0	682	0	320	2	320	2	54	0	54	0	0	0	0	0	513	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
700	646	0	639	0	680	0	673	0	320	2	320	2	34	0	34	0	0	0	0	0	520	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
800	714	0	711	0	709	0	702	0	320	2	320	2	-5	0	-9	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
900	723	0	714	0	720	0	712	0	320	2	320	2	0	0	0	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1000	750	0	743	0	734	0	725	0	320	2	320	2	-13	0	-14	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1100	784	0	777	0	757	0	752	0	320	2	320	2	-23	0	-25	0	0	0	0	0	606	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1200	838	0	837	0	813	0	810	0	320	2	320	2	-25	0	-27	0	0	0	0	0	635	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1300	793	0	790	0	775	0	772	0	320	2	320	2	-18	0	-18	0	0	0	0	0	604	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1400	817	0	815	0	761	0	757	0	320	2	320	2	-49	2	-49	2	0	0	0	0	621	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1500	824	0	822	0	775	0	772	0	320	2	320	2	-49	0	-50	0	0	0	0	0	624	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1600	817	0	811	0	795	0	792	0	320	2	320	2	-20	0	-22	0	0	0	0	0	631	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1700	790	0	781	0	781	0	774	0	320	2	320	2	-5	0	-7	0	0	0	0	0	601	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1800	810	0	806	0	801	0	795	0	320	2	320	2	-7	0	-9	0	0	0	0	0	617	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
1900	790	0	784	0	779	0	774	0	320	2	320	2	-9	0	-9	0	0	0	0	0	606	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2000	774	0	765	0	783	0	772	0	320	2	320	2	9	0	7	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	186	0
2100	745	0	739	0	765	0	757	0	320	2	320	2	20	0	20	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2200	738	0	732	0	756	0	748	0	320	2	320	2	18	0	16	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2300	727	0	721	0	734	0	729	0	320	2	320	2	7	0	7	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	185	0
2400	727	0	0	2	0	2	0	2	320	2	320	2	-24	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	36 0	0 2	48 0	0 2	0 2	0 2	180 0 161 201	0 2 0 0	243 0 228 259	0 2 0 0	0 2 0 0	0 2 0 0
200	36 0	0 2	86 0	0 2	0 2	0 2	192 0 173 218	0 2 0 0	248 0 237 258	0 2 0 0	0 2 0 0	0 2 0 0
300	36 0	0 2	82 0	0 2	0 2	0 2	162 0 133 191	0 2 0 0	236 0 228 249	0 2 0 0	0 2 0 0	0 2 0 0
400	53 0	0 2	102 0	0 2	0 2	0 2	169 0 134 201	0 2 0 0	236 0 224 248	0 2 0 0	0 2 0 0	0 2 0 0
500	52 0	0 2	80 0	0 2	0 2	0 2	182 0 152 221	0 2 0 0	215 0 210 224	0 2 0 0	0 2 0 0	0 2 0 0
600	53 0	0 2	111 0	0 2	0 2	0 2	150 0 118 167	0 2 0 0	212 0 203 218	0 2 0 0	0 2 0 0	0 2 0 0
700	71 0	0 2	127 0	0 2	0 2	0 2	127 0 108 146	0 2 0 0	214 0 206 222	0 2 0 0	0 2 0 0	0 2 0 0
800	102 0	0 2	115 0	0 2	0 2	0 2	224 0 191 244	0 2 0 0	226 0 217 236	0 2 0 0	0 2 0 0	0 2 0 0
900	55 0	0 2	113 0	0 2	0 2	0 2	180 0 135 222	0 2 0 0	209 0 203 216	0 2 0 0	0 2 0 0	0 2 0 0
1000	71 0	0 2	127 0	0 2	0 2	0 2	137 0 117 168	0 2 0 0	207 0 198 219	0 2 0 0	0 2 0 0	0 2 0 0
1100	71 0	0 2	132 0	0 2	0 2	0 2	167 0 120 191	0 2 0 0	197 0 181 203	0 2 0 0	0 2 0 0	0 2 0 0
1200	71 0	0 2	140 0	0 2	0 2	0 2	134 0 106 167	0 2 0 0	192 0 186 205	0 2 0 0	0 2 0 0	0 2 0 0
1300	82 0	0 2	161 0	0 2	0 2	0 2	163 0 122 192	0 2 0 0	200 0 192 208	0 2 0 0	0 2 0 0	0 2 0 0
1400	90 0	0 2	142 0	0 2	0 2	0 2	170 0 133 205	0 2 0 0	186 0 174 195	0 2 0 0	0 2 0 0	0 2 0 0
1500	82 0	0 2	140 0	0 2	0 2	0 2	201 0 159 231	0 2 0 0	156 0 150 167	0 2 0 0	0 2 0 0	0 2 0 0
1600	84 0	0 2	205 0	0 2	0 2	0 2	212 0 179 245	0 2 0 0	214 0 204 227	0 2 0 0	0 2 0 0	0 2 0 0
1700	92 0	0 2	144 0	0 2	0 2	0 2	223 0 183 242	0 2 0 0	235 0 219 246	0 2 0 0	0 2 0 0	0 2 0 0
1800	90 0	0 2	163 0	0 2	0 2	0 2	219 0 194 242	0 2 0 0	159 0 151 170	0 2 0 0	0 2 0 0	0 2 0 0
1900	88 0	0 2	180 0	0 2	0 2	0 2	215 0 191 241	0 2 0 0	188 0 171 204	0 2 0 0	0 2 0 0	0 2 0 0
2000	92 0	0 2	186 0	0 2	0 2	0 2	245 0 223 261	0 2 0 0	170 0 158 180	0 2 0 0	0 2 0 0	0 2 0 0
2100	86 0	0 2	192 0	0 2	0 2	0 2	235 0 216 261	0 2 0 0	163 0 155 177	0 2 0 0	0 2 0 0	0 2 0 0
2200	90 0	0 2	221 0	0 2	0 2	0 2	240 0 225 259	0 2 0 0	179 0 161 194	0 2 0 0	0 2 0 0	0 2 0 0
2300	96 0	0 2	223 0	0 2	0 2	0 2	239 0 219 260	0 2 0 0	197 0 181 216	0 2 0 0	0 2 0 0	0 2 0 0
2400	96 0	0 2	213 0	0 2	0 2	0 2	236 0 222 253	0 2 0 0	221 0 205 231	0 2 0 0	0 2 0 0	0 2 0 0

	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	S RAIN S
100	690 0	0 2	0 2	0 2	320 2	320 2	-59 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
200	686 0	0 2	0 2	0 2	320 2	320 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
300	673 0	0 2	0 2	0 2	320 2	320 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
400	683 0	0 2	0 2	0 2	320 2	320 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
500	686 0	0 2	0 2	0 2	320 2	320 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
600	693 0	0 2	0 2	0 2	320 2	320 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
700	696 0	0 2	0 2	0 2	320 2	320 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
800	717 0	0 2	0 2	0 2	320 2	320 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
900	741 0	0 2	0 2	0 2	320 2	320 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	720 0	0 2	0 2	0 2	320 2	320 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	737 0	0 2	0 2	0 2	320 2	320 2	37 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1200	754 0	0 2	0 2	0 2	320 2	320 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
1300	805 0	0 2	0 2	0 2	320 2	320 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
1400	863 0	0 2	0 2	0 2	320 2	320 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
1500	880 0	0 2	0 2	0 2	320 2	320 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	883 0	0 2	0 2	0 2	320 2	320 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
1700	900 0	0 2	0 2	0 2	320 2	320 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	887 0	0 2	0 2	0 2	320 2	320 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
1900	897 0	0 2	0 2	0 2	320 2	320 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
2000	863 0	0 2	0 2	0 2	320 2	320 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	781 0	0 2	0 2	0 2	320 2	320 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
2200	802 0	0 2	0 2	0 2	320 2	320 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
2300	775 0	0 2	0 2	0 2	320 2	320 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	798 0	0 2	0 2	0 2	320 2	320 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

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

[illegible]

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
	30	A S	30	B S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100	809	0	0	2	0	2	0	2	320	2	320	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
200	836	0	0	2	0	2	0	2	320	2	320	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	853	0	0	2	0	2	0	2	320	2	320	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
400	843	0	0	2	0	2	0	2	320	2	320	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	798	0	0	2	0	2	0	2	320	2	320	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
600	737	0	0	2	0	2	0	2	320	2	320	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	724	0	0	2	0	2	0	2	320	2	320	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
800	703	0	0	2	0	2	0	2	320	2	320	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
900	707	0	0	2	0	2	0	2	320	2	320	2	42	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	727	0	0	2	0	2	0	2	320	2	320	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
1100	727	0	0	2	0	2	0	2	320	2	320	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
1200	744	0	0	2	0	2	0	2	320	2	320	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
1300	768	0	0	2	0	2	0	2	320	2	320	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	802	0	0	2	0	2	0	2	320	2	320	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
1500	829	0	0	2	0	2	0	2	320	2	320	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
1600	829	0	0	2	0	2	0	2	320	2	320	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
1700	843	0	0	2	0	2	0	2	320	2	320	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	826	0	0	2	0	2	0	2	320	2	320	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
1900	826	0	0	2	0	2	0	2	320	2	320	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	815	0	0	2	0	2	0	2	320	2	320	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	809	0	0	2	0	2	0	2	320	2	320	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
2200	788	0	0	2	0	2	0	2	320	2	320	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
2300	724	0	0	2	0	2	0	2	320	2	320	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	720	0	0	2	0	2	0	2	320	2	320	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

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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	46 0	0 2	113 0	0 2	0 2	0 2	351 0 333 7	0 2 0 0	263 0 258 276	0 2 0 0	0 2 0 0	0 2
200	42 0	0 2	105 0	0 2	0 2	0 2	243 0 226 263	0 2 0 0	269 0 258 280	0 2 0 0	0 2 0 0	0 2
300	42 0	0 2	105 0	0 2	0 2	0 2	246 0 226 267	0 2 0 0	268 0 260 276	0 2 0 0	0 2 0 0	0 2
400	69 0	0 2	113 0	0 2	0 2	0 2	235 0 214 259	0 2 0 0	260 0 252 272	0 2 0 0	0 2 0 0	0 2
500	94 0	0 2	140 0	0 2	0 2	0 2	235 0 207 258	0 2 0 0	248 0 233 257	0 2 0 0	0 2 0 0	0 2
600	117 0	0 2	148 0	0 2	0 2	0 2	246 0 228 263	0 2 0 0	261 0 254 269	0 2 0 0	0 2 0 0	0 2
700	114 0	115 0	144 0	153 0	0 0	0 0	277 0 338 211	276 0 317 225	293 0 323 255	286 0 323 248	0 0 0 0	0 0
800	100 0	102 0	153 0	155 0	0 0	0 0	320 0 67 271	317 0 14 274	334 0 0 299	327 0 4 290	0 0 0 0	0 0
900	78 0	83 0	133 0	132 0	0 0	0 0	27 0 112 289	24 0 117 284	10 0 33 276	1 0 145 315	0 0 0 0	0 0
1000	80 0	84 0	128 0	126 0	0 0	0 0	22 0 127 302	21 0 114 324	9 0 42 332	0 0 65 294	0 0 0 0	0 0
1100	78 0	79 0	123 0	115 0	0 0	0 0	14 0 111 306	10 0 87 289	9 0 41 329	0 0 63 303	0 0 0 0	0 0
1200	89 0	87 0	140 0	139 0	0 0	0 0	353 0 89 281	357 0 112 293	0 0 32 330	350 0 34 310	0 0 0 0	0 0
1300	78 0	82 0	111 0	112 0	0 0	0 0	347 0 95 272	353 0 167 305	356 0 41 318	351 0 53 293	0 0 0 0	0 0
1400	53 0	58 0	86 0	90 0	0 0	0 0	7 0 160 282	6 0 126 281	2 0 33 323	353 0 44 303	0 0 0 0	0 0
1500	56 0	63 0	75 0	77 0	0 0	0 0	330 0 74 270	332 0 98 274	346 0 21 311	341 0 28 309	0 0 0 0	0 0
1600	59 0	61 0	77 0	79 0	0 0	0 0	339 0 78 274	335 0 84 277	346 0 26 275	342 0 46 279	0 0 0 0	0 0
1700	54 0	55 0	69 0	71 0	0 0	0 0	334 0 32 270	334 0 28 274	353 0 32 328	348 0 37 317	0 0 0 0	0 0
1800	46 0	50 0	67 0	69 0	0 0	0 0	346 0 179 274	344 0 101 284	353 0 31 323	348 0 40 290	0 0 0 0	0 0
1900	40 0	43 0	61 0	64 0	0 0	0 0	0 0 113 272	359 0 74 300	358 0 32 331	352 0 49 317	0 0 0 0	0 0
2000	27 0	31 0	35 0	38 0	0 0	0 0	5 3 58 341	6 0 40 342	3 0 26 348	356 0 18 342	0 0 0 0	0 0
2100	54 2	10 0	0 4	7 0	0 0	0 0	240 0 295 189	219 5 260 191	268 5 330 185	259 0 320 180	0 0 0 0	0 0
2200	43 0	41 0	17 0	42 0	0 0	0 0	202 0 221 192	204 0 215 194	216 5 223 212	215 0 223 209	0 0 0 0	0 0
2300	45 0	50 0	54 0	61 0	0 0	0 0	228 0 245 201	234 0 244 219	242 0 253 236	237 0 241 231	0 0 0 0	0 0
2400	52 0	58 0	77 0	87 0	0 0	0 0	239 0 261 217	242 0 259 229	260 0 265 258	254 0 257 251	0 0 0 0	0 0

	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	S RAIN S
100	724 0	0 2	0 2	0 2	320 2	320 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
200	713 0	0 2	0 2	0 2	320 2	320 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	724 0	0 2	0 2	0 2	320 2	320 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
400	737 0	0 2	0 2	0 2	320 2	320 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
500	730 0	0 2	0 2	0 2	320 2	320 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	744 0	0 2	0 2	0 2	320 2	320 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	711 0	702 0	698 0	691 0	320 2	320 2	-7 0	-9 0	0 0	0 0	543 0	0 2	0 2	0 2	0 2	0 2	0 2	43 6
800	700 0	689 0	682 0	676 0	320 2	320 2	-11 0	-13 0	0 0	0 0	547 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
900	720 0	712 0	698 0	691 0	320 2	320 2	-20 0	-22 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	43 0
1000	723 0	716 0	694 0	687 0	320 2	320 2	-27 0	-29 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1100	732 0	727 0	703 0	693 0	320 2	320 2	-29 0	-31 0	0 0	0 0	550 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1200	725 0	720 0	694 0	689 0	320 2	320 2	-29 0	-31 0	0 0	0 0	572 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1300	739 0	734 0	698 0	691 0	320 2	320 2	-40 0	-41 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1400	747 0	745 0	705 0	700 0	320 2	320 2	-40 0	-41 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1500	752 0	748 0	703 0	696 0	320 2	320 2	-49 0	-50 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1600	739 0	736 0	700 0	696 0	320 2	320 2	-38 0	-40 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1700	738 0	732 0	711 0	705 0	320 2	320 2	-27 0	-27 0	0 0	0 0	588 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1800	739 0	734 0	709 0	703 0	320 2	320 2	-31 0	-31 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1900	720 0	716 0	705 0	700 0	320 2	320 2	-14 0	-16 0	0 0	0 0	579 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
2000	680 0	673 0	689 0	682 0	320 2	320 2	9 0	9 0	0 0	0 0	543 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
2100	653 0	646 0	648 0	640 0	320 2	320 2	-5 0	-5 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
2200	673 0	667 0	680 0	675 0	320 2	320 2	7 0	7 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
2300	682 0	673 0	687 0	680 0	320 2	320 2	7 0	7 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 2	45 0
2400	669 0	662 0	682 0	675 0	320 2	320 2	13 0	13 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	45 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S			50	B S			150A	S			150B	S			S			S			S	
100	54	0	60	0	81	0	92	0	0 0	0 0	0 0	242	0	268	216	243	0	262	219	251	0	258	238	245	0	254	226	0 0	0 0	0 0	0 0	0 0		
200	64	0	70	0	87	0	99	0	0 0	0 0	0 0	244	0	265	219	248	0	262	227	255	0	260	249	250	0	257	240	0 0	0 0	0 0	0 0	0 0		
300	62	0	65	0	86	0	99	0	0 0	0 0	0 0	230	0	267	187	232	0	258	214	241	0	261	221	235	0	257	212	0 0	0 0	0 0	0 0	0 0		
400	63	0	67	0	92	0	104	0	0 0	0 0	0 0	237	0	271	187	240	0	265	218	249	0	266	234	243	0	262	229	0 0	0 0	0 0	0 0	0 0		
500	79	0	80	0	121	0	124	0	0 0	0 0	0 0	346	0	57	309	343	0	27	302	347	0	22	327	340	0	23	316	0 0	0 0	0 0	0 0	0 0		
600	76	0	77	0	110	0	106	0	0 0	0 0	0 0	34	0	74	9	33	0	55	10	32	0	54	23	23	0	47	6	0 0	0 0	0 0	0 0	0 0		
700	88	0	98	0	127	0	126	0	0 0	0 0	0 0	36	0	77	2	36	0	69	9	31	0	59	6	23	0	58	359	0 0	0 0	0 0	0 0	0 0		
800	98	0	106	0	129	0	129	0	0 0	0 0	0 0	36	0	88	359	37	0	85	4	33	0	47	15	26	0	54	1	0 0	0 0	0 0	0 0	0 0		
900	50	0	54	0	77	0	83	0	0 0	0 0	0 0	19	0	140	293	24	0	163	277	14	0	57	326	6	0	62	310	0 0	0 0	0 0	0 0	0 0		
1000	59	0	64	0	88	0	89	0	0 0	0 0	0 0	30	0	111	307	30	0	78	282	19	0	59	340	11	0	50	316	0 0	0 0	0 0	0 0	0 0		
1100	67	0	74	0	93	0	94	0	0 0	0 0	0 0	21	0	126	282	24	0	144	290	18	0	54	330	10	0	54	299	0 0	0 0	0 0	0 0	0 0		
1200	57	0	57	0	90	0	92	0	0 0	0 0	0 0	353	0	121	276	352	0	99	296	3	0	48	317	357	0	63	303	0 0	0 0	0 0	0 0	0 0		
1300	60	0	64	0	95	0	91	0	0 0	0 0	0 0	19	0	98	291	20	0	116	294	8	0	64	309	0	0	43	313	0 0	0 0	0 0	0 0	0 0		
1400	48	0	56	0	87	0	91	0	0 0	0 0	0 0	12	0	132	288	13	0	127	299	11	0	51	331	1	0	57	300	0 0	0 0	0 0	0 0	0 0		
1500	56	0	59	0	89	0	93	0	0 0	0 0	0 0	357	0	179	273	357	0	122	276	0	0	40	323	354	0	94	281	0 0	0 0	0 0	0 0	0 0		
1600	78	0	81	0	106	0	110	0	0 0	0 0	0 0	347	0	144	282	342	0	85	281	358	0	44	328	353	0	47	321	0 0	0 0	0 0	0 0	0 0		
1700	56	0	61	0	80	0	84	0	0 0	0 0	0 0	21	0	84	274	23	0	149	286	17	0	55	304	9	0	55	301	0 0	0 0	0 0	0 0	0 0		
1800	60	0	65	0	73	0	75	0	0 0	0 0	0 0	26	0	95	334	27	0	108	348	25	0	54	351	16	0	57	337	0 0	0 0	0 0	0 0	0 0		
1900	39	0	44	0	70	0	73	0	0 0	0 0	0 0	13	0	137	306	15	0	105	311	5	0	39	328	355	0	41	310	0 0	0 0	0 0	0 0	0 0		
2000	55	0	58	0	85	0	85	0	0 0	0 0	0 0	17	0	86	340	14	0	49	338	9	0	38	342	0	0	28	330	0 0	0 0	0 0	0 0	0 0		
2100	55	0	59	0	81	0	83	0	0 0	0 0	0 0	23	0	64	310	24	0	50	327	14	0	34	346	4	0	26	334	0 0	0 0	0 0	0 0	0 0		
2200	63	0	64	0	93	0	95	0	0 0	0 0	0 0	27	0	58	351	28	0	50	11	26	0	38	20	18	0	32	7	0 0	0 0	0 0	0 0	0 0		
2300	56	0	58	0	84	0	84	0	0 0	0 0	0 0	27	0	55	7	27	0	50	12	23	0	35	17	13	0	27	352	0 0	0 0	0 0	0 0	0 0		
2400	29	0	36	0	49	0	58	0	0 0	0 0	0 0	85	3	121	53	92	0	128	59	48	0	66	36	43	0	54	26	0 0	0 0	0 0	0 0	0 0		

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8			
	30 A	S	30 B	S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
100	675	0	667	0	684	0	678	0	320	2	320	2	11	0	11	0	0	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
200	673	0	667	0	682	0	675	0	320	2	320	2	9	0	9	0	0	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
300	667	0	662	0	671	0	666	0	320	2	320	2	5	0	5	0	0	0	0	0	0	0	523	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
400	662	0	657	0	667	0	662	0	320	2	320	2	5	0	5	0	0	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
500	680	0	673	0	678	0	673	0	320	2	320	2	0	0	0	0	0	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
600	673	0	666	0	676	0	669	0	320	2	320	2	5	0	5	0	0	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
700	680	0	673	0	673	0	666	0	320	2	320	2	-4	0	-5	0	0	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
800	685	0	680	0	669	0	664	0	320	2	320	2	-16	0	-18	0	0	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
900	700	0	694	0	678	0	673	0	320	2	320	2	-20	0	-22	0	0	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1000	707	0	702	0	684	0	678	0	320	2	320	2	-22	0	-23	0	0	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1100	709	0	705	0	685	0	680	0	320	2	320	2	-23	0	-25	0	0	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1200	720	0	716	0	682	0	678	0	320	2	320	2	-36	0	-38	0	0	0	0	0	0	0	583	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1300	730	0	727	0	685	0	678	0	320	2	320	2	-41	0	-47	0	0	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1400	732	0	730	0	685	0	680	0	320	2	320	2	-45	0	-49	0	0	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1500	730	0	727	0	680	0	676	0	320	2	320	2	-49	0	-52	0	0	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1600	707	0	703	0	673	0	666	0	320	2	320	2	-34	0	-34	0	0	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1700	709	0	705	0	673	0	667	0	320	2	320	2	-34	0	-36	0	0	0	0	0	0	0	576	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1800	700	0	694	0	675	0	669	0	320	2	320	2	-23	0	-25	0	0	0	0	0	0	0	576	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1900	682	0	676	0	666	0	660	0	320	2	320	2	-16	0	-16	0	0	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2000	649	0	640	0	651	0	644	0	320	2	320	2	4	0	4	0	0	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2100	639	0	631	0	646	0	640	0	320	2	320	2	7	0	7	0	0	0	0	0	0	0	509	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2200	633	0	624	0	644	0	639	0	320	2	320	2	13	0	13	0	0	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2300	622	0	615	0	642	0	637	0	320	2	320	2	20	0	20	0	0	0	0	0	0	0	502	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2400	595	0	588	0	622	0	617	0	320	2	320	2	27	0	29	0	0	0	0	0	0	0	493	0	0	2	0	2	0	2	0	2	0	2	0	2	45	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

[illegible]

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
	30	A	B	30	B	180A	B	180B	B		S	180A	B	180B	B		B		B		B		B		B		B		B		B		B		B		B
100	594	0		588	0	622	0	617	0	320	2	320	2	31	0	31	0	0	0	0	0	484	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
200	586	0		579	0	621	0	615	0	320	2	320	2	36	0	36	0	0	0	0	0	487	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
300	568	0		563	0	624	0	617	0	320	2	320	2	56	0	54	0	0	0	0	0	480	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
400	595	0		590	0	640	0	633	0	320	2	320	2	45	0	45	0	0	0	0	0	487	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
500	576	0		570	0	606	0	599	0	320	2	320	2	31	0	29	0	0	0	0	0	482	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
600	585	0		577	0	595	0	588	0	320	2	320	2	11	0	9	0	0	0	0	0	487	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
700	594	0		583	0	646	0	637	0	320	2	320	2	56	0	54	0	0	0	0	0	500	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
800	671	0		666	0	653	0	648	0	320	2	320	2	-18	0	-18	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
900	705	0		700	0	703	0	700	0	320	2	320	2	0	0	0	0	0	0	0	0	586	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1000	703	0		698	0	684	0	680	0	320	2	320	2	-18	0	-18	0	0	0	0	0	586	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1100	714	0		707	0	678	0	673	0	320	2	320	2	-32	0	-32	0	0	0	0	0	576	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1200	729	0		718	0	693	0	684	0	320	2	320	2	-29	0	-31	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1300	738	0		734	0	689	0	684	0	320	2	320	2	-49	0	-50	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1400	748	0		743	0	691	0	684	0	320	2	320	2	-56	0	-56	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1500	748	0		745	0	694	0	689	0	320	2	320	2	-54	0	-54	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1600	739	0		736	0	702	0	696	0	320	2	320	2	-38	0	-40	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1700	738	0		732	0	703	0	698	0	320	2	320	2	-32	0	-34	0	0	0	0	0	590	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1800	730	0		729	0	703	0	698	0	320	2	320	2	-27	0	-31	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1900	721	0		718	0	702	0	696	0	320	2	320	2	-20	0	-23	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2000	680	0		673	0	694	0	687	0	320	2	320	2	14	0	14	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2100	671	0		664	0	680	0	675	0	320	2	320	2	9	0	11	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2200	666	0		658	0	714	0	705	0	320	2	320	2	49	0	49	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2300	662	0		653	0	682	0	675	0	320	2	320	2	22	0	23	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2400	640	0		631	0	694	0	687	0	320	2	320	2	54	0	56	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	45	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1	DIR1	SPD2	DIR2	SPD3	DIR3	SPD4	DIR4	SPD5	DIR5	SPD6	DIR6	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	50 A	50 S	50 B	50 S	150A	150B	50 A	50 S	50 A	50 S	50 A	50 S	50 B	50 S	150A	150B	50 B	50 S	150B	50 B	50 S	150B	50 B	50 S	150B	50 B	50 S	150B	50 B	50 S
100	71	0	77	0	126	0	141	0	0	0	0	0	122	0	151	100	129	0	143	118	142	0	145	137	145	0	150	136	0	0
200	70	0	73	0	157	0	174	0	0	0	0	0	129	0	183	92	137	0	166	115	154	0	157	149	154	0	159	151	0	0
300	65	0	68	0	156	0	160	0	0	0	0	0	139	0	184	94	143	0	174	112	163	0	171	157	164	0	171	152	0	0
400	64	0	66	0	154	0	157	0	0	0	0	0	139	0	200	93	144	0	165	110	164	0	168	158	164	0	169	154	0	0
500	59	0	61	0	146	0	153	0	0	0	0	0	129	0	167	90	136	0	174	109	161	0	164	156	161	0	166	151	0	0
600	65	0	69	0	144	0	150	0	0	0	0	0	135	0	203	93	140	0	183	101	162	0	170	151	163	0	175	151	0	0
700	59	0	62	0	135	0	138	0	0	0	0	0	147	0	217	90	146	0	232	93	165	0	180	151	166	0	186	152	0	0
800	49	0	58	0	113	0	103	0	0	0	0	0	146	0	226	93	153	0	261	93	172	0	216	135	172	0	207	136	0	0
900	47	0	53	0	92	0	77	0	0	0	0	0	168	0	251	90	175	0	269	95	178	0	226	134	177	0	218	127	0	0
1000	62	0	58	0	86	0	70	0	0	0	0	0	215	0	266	115	216	0	264	118	205	0	248	163	200	0	237	146	0	0
1100	56	0	61	0	61	0	72	0	0	0	0	0	260	0	296	205	260	0	292	209	247	0	275	215	241	0	285	194	0	0
1200	57	0	61	0	64	0	74	0	0	0	0	0	259	0	307	201	262	0	293	227	270	0	306	249	263	0	304	238	0	0
1300	65	0	70	0	71	0	79	0	0	0	0	0	267	0	295	225	267	0	301	229	274	0	298	241	267	0	314	228	0	0
1400	44	0	47	0	49	0	53	0	0	0	0	0	284	0	348	199	284	0	334	228	290	0	332	238	282	0	338	225	0	0
1500	32	0	37	0	48	0	56	0	0	0	0	0	282	0	341	227	285	0	343	234	294	0	323	267	287	0	335	259	0	0
1600	50	0	52	0	60	0	67	0	0	0	0	0	236	0	322	195	238	0	328	190	231	0	271	200	227	0	276	182	0	0
1700	54	0	54	0	88	0	76	0	0	0	0	0	215	0	267	130	221	0	264	126	211	0	236	180	207	0	239	179	0	0
1800	50	0	46	0	99	0	68	0	0	0	0	0	190	0	267	104	203	0	262	111	201	0	226	158	198	0	224	161	0	0
1900	36	0	34	0	85	0	60	0	0	0	0	0	203	0	258	109	206	0	256	106	203	0	214	192	200	0	218	183	0	0
2000	41	0	41	0	109	0	73	0	0	0	0	0	194	0	261	109	203	0	244	138	202	0	214	193	198	0	216	183	0	0
2100	79	0	72	0	141	0	139	0	0	0	0	0	217	0	266	152	220	0	256	155	218	0	241	205	215	0	237	196	0	0
2200	79	0	76	0	133	0	142	0	0	0	0	0	221	0	269	167	225	0	260	189	224	0	247	209	219	0	248	192	0	0
2300	87	0	86	0	143	0	158	0	0	0	0	0	226	0	263	145	229	0	268	189	231	0	246	212	226	0	243	185	0	0
2400	89	0	89	0	146	0	160	0	0	0	0	0	228	0	266	181	231	0	263	183	231	0	250	218	226	0	267	209	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
	30	A S	30	B S	180A	B	180B	S		S		S	180A	B	180B	S		S		S		S		S		S		S		S		S		S		S	
100	644	0	637	0	660	0	655	0	320	2	320	2	18	0	18	0	0	0	0	0	0	514	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
200	635	0	628	0	655	0	649	0	320	2	320	2	20	0	20	0	0	0	0	0	0	509	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
300	630	0	624	0	651	0	646	0	320	2	320	2	20	0	22	0	0	0	0	0	0	507	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
400	624	0	619	0	646	0	639	0	320	2	320	2	22	0	22	0	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
500	610	0	603	0	631	0	626	0	320	2	320	2	23	0	25	0	0	0	0	0	0	496	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
600	606	0	599	0	621	0	615	0	320	2	320	2	14	0	14	0	0	0	0	0	0	495	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
700	631	0	626	0	626	0	621	0	320	2	320	2	-5	0	-5	0	0	0	0	0	0	514	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
800	685	0	680	0	660	0	651	0	320	2	320	2	-25	0	-27	0	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
900	727	0	721	0	705	0	691	0	320	2	320	2	-27	0	-27	0	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1000	745	0	738	0	725	0	718	0	320	2	320	2	-20	0	-20	0	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1100	750	0	745	0	734	0	729	0	320	2	320	2	-16	0	-16	0	0	0	0	0	0	601	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1200	757	0	752	0	732	0	729	0	320	2	320	2	-22	0	-22	0	0	0	0	0	0	599	0	0	2	0	2	0	2	0	2	0	2	0	2	45	6
1300	774	0	768	0	756	0	747	0	320	2	320	2	-22	0	-22	0	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1400	797	0	792	0	754	0	748	0	320	2	320	2	-43	0	-45	0	0	0	0	0	0	577	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1500	792	0	790	0	750	0	745	0	320	2	320	2	-41	0	-43	0	0	0	0	0	0	612	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1600	822	0	817	0	793	0	788	0	320	2	320	2	-29	0	-29	0	0	0	0	0	0	624	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1700	833	0	828	0	806	0	801	0	320	2	320	2	-27	0	-29	0	0	0	0	0	0	637	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1800	835	0	828	0	808	0	801	0	320	2	320	2	-27	0	-27	0	0	0	0	0	0	639	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1900	810	0	804	0	797	0	792	0	320	2	320	2	-11	0	-11	0	0	0	0	0	0	622	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2000	763	0	757	0	774	0	768	0	320	2	320	2	13	0	13	0	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2100	766	0	761	0	770	0	765	0	320	2	320	2	5	0	5	0	0	0	0	0	0	576	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2200	754	0	748	0	757	0	750	0	320	2	320	2	4	0	4	0	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2300	745	0	738	0	745	0	738	0	320	2	320	2	0	0	0	0	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2400	738	0	730	0	738	0	730	0	320	2	320	2	2	0	0	0	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6				
	50	A	8	50	B	8	150A	8	150B	8	8	50	A	S	50	B	8	150A	8	150B	8	8	50	B	8	150A	8	150B	8	8	50	B	8	150A	8	150B	8
100	85	0		82	0		144	0	159	0	0	0	0		230	0	292	181	230	0	259	197	229	0	241	215	225	0	243	198	0	0	0	0	0	0	
200	90	0		91	0		148	0	167	0	0	0	0		231	0	279	187	232	0	260	190	234	0	250	223	228	0	244	208	0	0	0	0	0	0	
300	92	0		95	0		145	0	163	0	0	0	0		236	0	279	194	239	0	263	210	238	0	250	221	233	0	251	199	0	0	0	0	0	0	
400	101	0		100	0		161	0	181	0	0	0	0		232	0	292	194	234	0	257	204	236	0	250	221	230	0	254	210	0	0	0	0	0	0	
500	84	0		89	0		133	0	151	0	0	0	0		239	0	285	197	243	0	264	201	247	0	254	232	240	0	252	220	0	0	0	0	0	0	
600	92	0		94	0		143	0	160	0	0	0	0		231	0	283	189	236	0	265	198	239	0	255	223	231	0	250	206	0	0	0	0	0	0	
700	90	0		93	0		140	0	157	0	0	0	0		231	0	262	192	238	0	268	215	238	0	253	216	232	0	256	210	0	0	0	0	0	0	
800	85	0		86	0		130	0	145	0	0	0	0		233	0	300	181	238	0	277	198	241	0	260	221	235	0	256	209	0	0	0	0	0	0	
900	85	0		89	0		129	0	142	0	0	0	0		241	0	284	184	243	0	275	195	243	0	262	222	236	0	267	205	0	0	0	0	0	0	
1000	104	0		109	0		151	0	170	0	0	0	0		237	0	291	185	244	0	274	216	244	0	258	229	235	0	258	213	0	0	0	0	0	0	
1100	121	0		127	0		170	0	190	0	0	0	0		240	0	267	166	245	0	277	203	249	0	259	237	242	0	254	229	0	0	0	0	0	0	
1200	90	0		96	0		126	0	141	0	0	0	0		244	0	278	205	246	0	267	218	258	0	271	250	251	0	281	227	0	0	0	0	0	0	
1300	105	0		111	0		140	0	154	0	0	0	0		243	0	277	211	246	0	262	226	254	0	260	243	247	0	257	229	0	0	0	0	0	0	
1400	71	0		78	0		102	0	114	0	0	0	0		251	0	289	203	253	0	281	221	267	0	279	255	260	0	276	245	0	0	0	0	0	0	
1500	49	0		55	0		63	0	73	0	0	0	0		257	0	300	204	259	0	296	217	273	0	294	240	266	0	291	227	0	0	0	0	0	0	
1600	21	0		27	0		20	0	27	0	0	0	0		264	0	345	199	267	3	342	218	255	0	342	211	246	0	342	185	0	0	0	0	0	0	
1700	18	0		24	0		35	0	41	0	0	0	0		303	0	359	245	302	3	353	244	303	0	324	246	296	0	321	239	0	0	0	0	0	0	
1800	19	0		25	0		29	0	32	0	0	0	0		355	3	49	284	357	3	72	283	352	3	19	318	344	0	18	310	0	0	0	0	0	0	
1900	40	0		36	0		71	0	53	0	0	0	0		198	0	258	126	207	0	261	168	208	0	219	200	205	0	223	196	0	0	0	0	0	0	
2000	47	0		52	0		71	0	61	0	0	0	0		234	0	258	204	236	0	252	213	248	0	254	242	242	0	251	234	0	0	0	0	0	0	
2100	54	0		59	0		79	0	92	0	0	0	0		234	0	262	199	237	0	262	207	249	0	256	237	242	0	250	226	0	0	0	0	0	0	
2200	68	0		76	0		105	0	119	0	0	0	0		238	0	266	203	241	0	260	222	251	0	260	239	245	0	256	232	0	0	0	0	0	0	
2300	99	0		103	0		147	0	165	0	0	0	0		244	0	279	208	245	0	268	209	258	0	269	250	252	0	262	239	0	0	0	0	0	0	
2400	94	0		98	0		143	0	160	0	0	0	0		243	0	284	208	247	0	277	213	258	0	269	252	250	0	262	241	0	0	0	0	0	0	

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S			
	30	A S	30	B S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		S		
100	732	0	727	0	734	0	727	0	320	2	320	2	2	0	2	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
200	718	0	714	0	723	0	718	0	320	2	320	2	5	0	5	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
300	712	0	707	0	714	0	709	0	320	2	320	2	4	0	2	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
400	711	0	705	0	714	0	709	0	320	2	320	2	5	0	4	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
500	707	0	702	0	709	0	703	0	320	2	320	2	4	0	4	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
600	709	0	702	0	711	0	705	0	320	2	320	2	4	0	4	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
700	711	0	705	0	707	0	702	0	320	2	320	2	-4	0	-4	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
800	718	0	712	0	707	0	700	0	320	2	320	2	-9	0	-11	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
900	727	0	721	0	721	0	711	0	320	2	320	2	-11	0	-11	0	0	0	0	0	536	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1000	734	0	729	0	723	0	716	0	320	2	320	2	-11	0	-11	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1100	736	0	729	0	729	0	721	0	320	2	320	2	-7	0	-7	0	0	0	0	0	558	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1200	739	0	734	0	729	0	721	0	320	2	320	2	-11	0	-11	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1300	738	0	732	0	734	0	725	0	320	2	320	2	-5	0	-7	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1400	743	0	738	0	734	0	725	0	320	2	320	2	-11	0	-13	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1500	777	0	774	0	747	0	741	0	320	2	320	2	-31	0	-31	0	0	0	0	0	599	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1600	752	0	745	0	750	0	736	0	320	2	320	2	-7	0	-7	0	0	0	0	0	534	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1700	748	0	743	0	741	0	734	0	320	2	320	2	-5	0	-7	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1800	774	0	768	0	761	0	752	0	320	2	320	2	-14	0	-16	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1900	759	0	752	0	757	0	752	0	320	2	320	2	0	0	0	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2000	757	0	752	0	761	0	754	0	320	2	320	2	4	0	4	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2100	748	0	743	0	756	0	748	0	320	2	320	2	7	0	5	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2200	748	0	743	0	752	0	745	0	320	2	320	2	4	0	4	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2300	739	0	732	0	748	0	741	0	320	2	320	2	9	0	9	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2400	721	0	716	0	723	0	716	0	320	2	320	2	4	0	4	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	45	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	B	150B	S	B	50	A S	B	50	B S	150A	B	50	B S	150A	B	50	B S	150B	B	50	B S	150B	B	50	B S	150B	B	50	B S
100	79	0	84	0	123	0	138	0	0	0	0	0	240	0	276	202	242	0	262	204	252	0	262	243	245	0	254	235	0	0	0	0	0	0
200	66	0	73	0	103	0	116	0	0	0	0	0	254	0	284	217	254	0	275	223	267	0	274	254	260	0	274	246	0	0	0	0	0	0
300	80	0	86	0	122	0	138	0	0	0	0	0	239	0	284	203	241	0	262	205	253	0	263	235	247	0	257	227	0	0	0	0	0	0
400	73	0	77	0	115	0	129	0	0	0	0	0	234	0	271	192	236	0	268	196	244	0	252	229	237	0	249	210	0	0	0	0	0	0
500	62	0	66	0	101	0	114	0	0	0	0	0	239	0	307	198	241	0	269	197	242	0	259	223	235	0	251	212	0	0	0	0	0	0
600	63	0	69	0	95	0	108	0	0	0	0	0	243	0	290	199	246	0	265	224	254	0	262	247	247	0	258	233	0	0	0	0	0	0
700	64	0	71	0	95	0	108	0	0	0	0	0	240	0	269	187	242	0	273	201	252	0	260	240	245	0	258	225	0	0	0	0	0	0
800	57	0	61	0	83	0	94	0	0	0	0	0	253	0	306	206	254	0	283	196	261	0	279	242	255	0	286	223	0	0	0	0	0	0
900	75	0	82	0	86	0	98	0	0	0	0	0	242	0	277	213	246	0	267	224	256	0	264	242	250	0	264	234	0	0	0	0	0	0
1000	38	0	43	0	57	0	66	0	0	0	0	0	287	0	339	232	288	0	338	200	296	0	323	245	289	0	319	232	0	0	0	0	0	0
1100	44	0	48	0	59	0	66	0	0	0	0	0	301	0	349	233	301	0	343	240	321	0	346	296	313	0	347	285	0	0	0	0	0	0
1200	35	0	41	0	51	0	56	0	0	0	0	0	330	0	88	270	324	0	41	274	345	0	21	292	337	0	15	276	0	0	0	0	0	0
1300	57	0	60	0	71	0	72	0	0	0	0	0	341	0	87	273	332	0	54	272	346	0	13	288	340	0	11	287	0	0	0	0	0	0
1400	53	0	56	0	64	0	67	0	0	0	0	0	317	0	355	239	316	0	353	194	335	0	350	295	328	0	347	265	0	0	0	0	0	0
1500	73	0	78	0	93	0	95	0	0	0	0	0	337	0	77	272	335	0	23	272	344	0	9	314	339	0	17	298	0	0	0	0	0	0
1600	74	0	71	0	122	0	121	0	0	0	0	0	6	0	81	294	5	0	81	271	8	0	39	318	359	0	57	302	0	0	0	0	0	0
1700	95	0	98	0	115	0	117	0	0	0	0	0	28	0	76	350	29	0	54	355	28	0	43	359	18	0	43	319	0	0	0	0	0	0
1800	90	0	97	0	119	0	121	0	0	0	0	0	27	0	73	345	29	0	81	355	26	0	48	358	16	0	51	344	0	0	0	0	0	0
1900	97	0	100	0	126	0	128	0	0	0	0	0	23	0	60	354	25	0	63	3	28	0	45	20	21	0	44	355	0	0	0	0	0	0
2000	72	0	77	0	103	0	106	0	0	0	0	0	31	0	60	351	32	0	49	0	35	0	48	21	28	0	51	0	0	0	0	0	0	
2100	57	0	64	0	97	0	94	0	0	0	0	0	38	0	66	13	38	0	58	344	39	0	52	27	30	0	43	19	0	0	0	0	0	0
2200	59	0	63	0	85	0	81	0	0	0	0	0	102	0	121	89	97	0	120	8	80	0	104	70	77	0	92	65	0	0	0	0	0	0
2300	54	0	60	0	75	0	83	0	0	0	0	0	135	0	164	104	143	0	162	122	84	0	96	75	121	0	130	111	0	0	0	0	0	0
2400	23	0	31	0	35	0	39	0	0	0	0	0	70	0	160	277	188	0	310	110	77	0	94	67	89	0	119	63	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3.		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A	S	30	B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	714	0		707	0		714	0	709	0	320	2	320	2	2	0	2	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
200	709	0		702	0		709	0	703	0	320	2	320	2	2	0	2	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
300	705	0		702	0		712	0	705	0	320	2	320	2	7	0	5	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
400	705	0		700	0		703	0	698	0	320	2	320	2	0	0	0	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
500	705	0		700	0		703	0	698	0	320	2	320	2	0	0	0	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
600	705	0		698	0		700	0	694	0	320	2	320	2	-5	0	-4	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
700	705	0		700	0		702	0	694	0	320	2	320	2	-4	0	-5	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
800	720	0		716	0		705	0	700	0	320	2	320	2	-14	0	-16	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
900	718	0		714	0		709	0	703	0	320	2	320	2	-9	0	-9	0	0	0	0	0	568	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1000	745	0		741	0		716	0	711	0	320	2	320	2	-29	0	-31	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1100	756	0		752	0		705	0	702	0	320	2	320	2	-49	0	-49	0	0	0	0	0	599	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1200	759	0		756	0		718	0	714	0	320	2	320	2	-40	0	-41	0	0	0	0	0	601	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1300	759	0		756	0		714	0	707	0	320	2	320	2	-47	0	-47	0	0	0	0	0	565	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1400	770	0		766	0		720	0	712	0	320	2	320	2	-52	0	-52	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1500	750	0		745	0		700	0	694	0	320	2	320	2	-49	0	-50	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1600	756	0		752	0		716	0	707	0	320	2	320	2	-40	0	-43	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1700	741	0		738	0		721	0	716	0	320	2	320	2	-20	0	-22	0	0	0	0	0	585	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1800	739	0		736	0		720	0	712	0	320	2	320	2	-20	0	-22	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1900	725	0		720	0		712	0	707	0	320	2	320	2	-11	0	-13	0	0	0	0	0	576	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2000	696	0		689	0		696	0	691	0	320	2	320	2	2	0	2	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2100	696	0		687	0		707	0	698	0	320	2	320	2	11	0	11	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2200	691	0		682	0		711	0	700	0	320	2	320	2	20	0	20	0	0	0	0	0	536	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2300	673	0		667	0		694	0	687	0	320	2	320	2	22	0	22	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
2400	678	0		669	0		703	0	693	0	320	2	320	2	23	0	23	0	0	0	0	0	529	0	0	2	0	2	0	2	0	2	0	2	0	2	45	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 150A		MAX B		WIND DIR3		MIN 150B		MAX B		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	50	A S	30	B S	150A	S	150B	S	S	50	A S	S				50	B S	B S				150A	B	B				150B	B	B				S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

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	678 0	671 0	685 0	678 0	320 2	320 2	9 0	7 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	45 0
200	689 0	682 0	691 0	685 0	320 2	320 2	4 0	4 0	0 0	0 0	536 0	0 2	0 2	0 2	0 2	0 2	45 0
300	685 0	678 0	693 0	685 0	320 2	320 2	9 0	7 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	45 0
400	671 0	666 0	680 0	673 0	320 2	320 2	9 0	9 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	45 0
500	678 0	671 0	694 0	684 0	320 2	320 2	13 0	14 0	0 0	0 0	531 0	0 2	0 2	0 2	0 2	0 2	45 0
600	676 0	669 0	694 0	687 0	320 2	320 2	18 0	18 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	45 0
700	669 0	664 0	680 0	675 0	320 2	320 2	11 0	11 0	0 0	0 0	531 0	0 2	0 2	0 2	0 2	0 2	45 0
800	694 0	689 0	685 0	680 0	320 2	320 2	-7 0	-9 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	45 0
900	711 0	705 0	689 0	684 0	320 2	320 2	-20 0	-22 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	45 0
1000	709 0	705 0	696 0	691 0	320 2	320 2	-13 0	-13 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	45 0
1100	738 0	732 0	738 0	732 0	320 2	320 2	2 0	0 0	0 0	0 0	585 0	0 2	0 2	0 2	0 2	0 2	45 0
1200	759 0	754 0	727 0	723 0	320 2	320 2	-31 0	-29 0	0 0	0 0	606 0	0 2	0 2	0 2	0 2	0 2	45 0
1300	743 0	739 0	721 0	718 0	320 2	320 2	-22 0	-22 0	0 0	0 0	579 0	0 2	0 2	0 2	0 2	0 2	45 0
1400	739 0	736 0	720 0	714 0	320 2	320 2	-18 0	-20 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	45 0
1500	748 0	745 0	743 0	738 0	320 2	320 2	-5 0	-5 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	45 0
1600	772 0	765 0	756 0	748 0	320 2	320 2	-16 0	-18 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	45 0
1700	768 0	765 0	756 0	750 0	320 2	320 2	-13 0	-13 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	45 0
1800	774 0	768 0	763 0	757 0	320 2	320 2	-11 0	-11 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	45 0
1900	768 0	763 0	765 0	761 0	320 2	320 2	-2 0	-4 0	0 0	0 0	595 0	0 2	0 2	0 2	0 2	0 2	45 0
2000	752 0	747 0	757 0	750 0	320 2	320 2	5 0	5 0	0 0	0 0	572 0	0 2	0 2	0 2	0 2	0 2	45 0
2100	743 0	738 0	748 0	743 0	320 2	320 2	5 0	5 0	0 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	45 0
2200	741 0	736 0	743 0	738 0	320 2	320 2	2 0	2 0	0 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	45 0
2300	729 0	723 0	727 0	721 0	320 2	320 2	0 0	2 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	45 0
2400	651 0	646 0	635 0	628 0	320 2	320 2	-14 0	-16 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	45 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX 216	WIND DIR2	MIN 150A S	MAX 238	WIND DIR3	MIN 150B S	MAX 254	WIND DIR4	MIN S	MAX 243	WIND DIR5	MIN S	MAX 243	WIND DIR6	MIN S	MAX 243
100	99 0	108 0	130 0	143 0	0 0	0 0	280 0	352	216	279 0	340	238	297 0	347	254	289 0	347	243	0 0	0 0	0 0	0 0	0 0	0 0
200	99 0	101 0	136 0	137 0	0 0	0 0	33 0	99	8	32 0	63	9	36 0	50	24	29 0	69	10	0 0	0 0	0 0	0 0	0 0	0 0
300	66 0	78 0	99 0	119 0	0 0	0 0	48 0	90	25	52 0	86	32	48 0	60	40	43 0	56	31	0 0	0 0	0 0	0 0	0 0	0 0
400	67 0	76 0	104 0	109 0	0 0	0 0	37 0	76	2	40 0	67	13	40 0	48	27	33 0	52	17	0 0	0 0	0 0	0 0	0 0	0 0
500	79 0	91 0	106 0	126 0	0 0	0 0	45 0	77	23	47 0	76	30	50 0	63	36	44 0	68	20	0 0	0 0	0 0	0 0	0 0	0 0
600	108 0	124 0	150 0	182 0	0 0	0 0	64 0	101	20	67 0	102	40	67 0	84	53	64 0	88	47	0 0	0 0	0 0	0 0	0 0	0 0
700	86 0	91 0	113 0	135 0	0 0	0 0	77 0	111	43	80 0	119	50	74 0	88	61	71 0	98	46	0 0	0 0	0 0	0 0	0 0	0 0
800	114 0	118 0	146 0	164 0	0 0	0 0	76 0	119	38	75 0	113	2	74 0	87	58	70 0	90	49	0 0	0 0	0 0	0 0	0 0	0 0
900	99 0	107 0	127 0	139 0	0 0	0 0	68 0	105	28	62 0	102	331	70 0	85	56	66 0	87	33	0 0	0 0	0 0	0 0	0 0	0 0
1000	80 0	85 0	96 0	106 0	0 0	0 0	71 0	113	22	73 0	125	1	71 0	98	44	69 0	137	29	0 0	0 0	0 0	0 0	0 0	0 0
1100	55 0	62 0	85 0	85 0	0 0	0 0	27 0	105	323	31 0	125	286	22 0	72	337	14 0	136	318	0 0	0 0	0 0	0 0	0 0	0 0
1200	91 0	96 0	148 0	153 0	0 0	0 0	16 0	62	320	17 0	80	304	10 0	42	328	0 0	42	302	0 0	0 0	0 0	0 0	0 0	0 0
1300	68 0	71 0	105 0	112 0	0 0	0 0	6 0	83	271	11 0	152	283	13 0	58	333	4 0	58	313	0 0	0 0	0 0	0 0	0 0	0 0
1400	83 0	82 0	134 0	132 0	0 0	0 0	355 0	75	273	354 0	105	282	0 0	26	326	353 0	30	308	0 0	0 0	0 0	0 0	0 0	0 0
1500	117 0	120 0	151 0	154 0	0 0	0 0	23 0	74	352	26 0	104	346	18 0	42	341	8 0	40	327	0 0	0 0	0 0	0 0	0 0	0 0
1600	124 0	132 0	159 0	163 0	0 0	0 0	33 0	72	4	31 0	84	331	31 0	59	7	25 0	61	4	0 0	0 0	0 0	0 0	0 0	0 0
1700	133 0	137 0	175 0	177 0	0 0	0 0	36 0	73	3	39 0	81	353	38 0	62	23	31 0	69	359	0 0	0 0	0 0	0 0	0 0	0 0
1800	112 0	120 0	156 0	159 0	0 0	0 0	35 0	70	12	35 0	104	354	34 0	46	22	28 0	57	4	0 0	0 0	0 0	0 0	0 0	0 0
1900	83 0	90 0	123 0	146 0	0 0	0 0	66 0	101	20	69 0	107	13	60 0	78	25	56 0	80	15	0 0	0 0	0 0	0 0	0 0	0 0
2000	106 0	110 0	166 0	176 0	0 0	0 0	88 0	110	75	91 0	125	60	80 0	88	74	80 0	90	71	0 0	0 0	0 0	0 0	0 0	0 0
2100	95 0	100 0	165 0	175 0	0 0	0 0	97 0	111	87	103 0	129	81	94 0	97	92	95 0	102	90	0 0	0 0	0 0	0 0	0 0	0 0
2200	96 0	99 0	168 0	181 0	0 0	0 0	103 0	114	89	110 0	148	83	100 0	104	98	105 0	108	102	0 0	0 0	0 0	0 0	0 0	0 0
2300	94 0	95 0	155 0	168 0	0 0	0 0	100 0	113	82	108 0	128	83	101 0	104	99	107 0	111	105	0 0	0 0	0 0	0 0	0 0	0 0
2400	93 0	93 0	156 0	168 0	0 0	0 0	105 0	115	93	114 0	131	83	102 0	106	99	109 0	112	105	0 0	0 0	0 0	0 0	0 0	0 0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
	30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S	
100	714	0	711	0	714	0	709	0	320	2	320	2	0	0	2	0	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
200	698	0	693	0	698	0	693	0	320	2	320	2	2	0	2	0	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
300	680	0	675	0	691	0	685	0	320	2	320	2	11	0	13	0	0	0	0	0	0	534	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
400	687	0	682	0	689	0	682	0	320	2	320	2	2	0	2	0	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
500	658	0	651	0	662	0	637	0	320	2	320	2	5	0	5	0	0	0	0	0	0	523	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
600	631	0	624	0	635	0	630	0	320	2	320	2	4	0	4	0	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
700	630	0	622	0	626	0	619	0	320	2	320	2	-4	0	-4	0	0	0	0	0	0	513	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
800	657	0	653	0	635	0	631	0	320	2	320	2	-20	0	-22	0	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
900	682	0	676	0	657	0	649	0	320	2	320	2	-25	0	-27	0	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1000	709	0	705	0	689	0	676	0	320	2	320	2	-25	0	-27	0	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	45	0
1100	705	0	702	0	675	0	667	0	320	2	320	2	-31	0	-32	0	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	0	6
1200	705	0	702	0	667	0	662	0	320	2	320	2	-36	0	-40	0	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	712	0	711	0	666	0	660	0	320	2	320	2	-47	0	-50	0	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	703	0	698	0	662	0	657	0	320	2	320	2	-41	0	-43	0	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	676	0	673	0	655	0	649	0	320	2	320	2	-22	0	-23	0	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	675	0	669	0	658	0	653	0	320	2	320	2	-16	0	-18	0	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	666	0	660	0	653	0	648	0	320	2	320	2	-11	0	-13	0	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	653	0	646	0	653	0	648	0	320	2	320	2	2	0	2	0	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	597	0	590	0	613	0	608	0	320	2	320	2	18	0	18	0	0	0	0	0	0	487	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	567	0	559	0	583	0	577	0	320	2	320	2	18	0	18	0	0	0	0	0	0	471	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	549	0	543	0	576	0	570	0	320	2	320	2	27	0	29	0	0	0	0	0	0	464	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	536	0	529	0	567	0	561	0	320	2	320	2	31	0	31	0	0	0	0	0	0	455	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	529	0	523	0	559	0	554	0	320	2	320	2	31	0	31	0	0	0	0	0	0	451	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	514	0	507	0	550	0	545	0	320	2	320	2	38	0	38	0	0	0	0	0	0	446	0	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6	MIN	MAX
	50 A S	50 B S	150A S	150B S	50 A S	50 A S		50 B S			150A S			150B S										
100	97 0	93 0	157 0	172 0	0 0	0 0	111 0	121 99	119 0	140 102	106 0	109 102	116 0	121 111	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	83 0	86 0	113 0	126 0	0 0	0 0	115 0	131 97	123 0	148 82	109 0	121 99	127 0	143 111	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	94 0	94 0	125 0	124 0	0 0	0 0	117 0	143 88	132 0	267 101	120 0	151 99	136 0	161 117	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	82 0	86 0	124 0	132 0	0 0	0 0	119 0	159 83	126 0	169 79	136 0	171 108	144 0	172 123	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	53 0	55 0	76 0	79 0	0 0	0 0	114 0	158 51	123 0	172 37	126 0	203 91	139 0	197 100	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	48 0	52 0	72 0	70 0	0 0	0 0	110 0	158 23	123 0	174 37	130 0	177 62	148 0	179 82	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	56 0	63 0	70 0	72 0	0 0	0 0	325 0	23 275	330 0	39 281	329 0	21 303	321 0	22 286	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	62 0	63 0	89 0	89 0	0 0	0 0	354 0	82 290	358 0	173 283	2 0	30 312	353 0	34 294	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	52 0	53 0	83 0	86 0	0 0	0 0	347 0	98 271	358 0	128 283	3 0	61 326	359 0	68 310	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 2	0 2
1100	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 2	0 2
1200	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 2	0 2
1300	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 2	0 2
1400	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 2	0 2
1500	67 0	72 0	101 0	104 0	0 0	0 0	20 0	143 287	17 0	172 285	11 0	52 322	1 0	49 285	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	80 0	86 0	114 0	115 0	0 0	0 0	21 0	74 333	22 0	81 307	22 0	45 358	14 0	59 341	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	69 0	76 0	84 0	86 0	0 0	0 0	33 0	64 350	33 0	80 353	28 0	48 4	19 0	39 343	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	79 0	80 0	88 0	89 0	0 0	0 0	23 0	41 7	24 0	81 353	31 0	45 22	25 0	48 12	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	52 0	61 0	72 0	71 0	0 0	0 0	48 0	79 25	49 0	105 15	52 0	75 41	49 0	78 34	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	45 0	48 0	75 0	85 0	0 0	0 0	84 0	106 58	88 0	126 59	78 0	88 71	76 0	85 65	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	61 0	64 0	105 0	114 0	0 0	0 0	88 0	102 73	93 0	128 61	78 0	86 73	77 0	84 69	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	77 0	76 0	141 0	151 0	0 0	0 0	110 0	119 101	118 0	128 103	110 0	121 100	124 0	138 108	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	71 0	83 0	174 0	193 0	0 0	0 0	125 0	147 109	137 0	159 122	141 0	154 33	144 0	147 141	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	79 0	85 0	173 0	192 0	0 0	0 0	125 0	154 101	136 0	218 102	145 0	151 140	148 0	157 135	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN				
	30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S			
100	518	0	511	0	543	0	538	0	320	2	320	2	27	0	29	0	0	0	0	0	448	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
200	552	0	547	0	547	0	541	0	320	2	320	2	-5	0	-5	0	0	0	0	0	475	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
300	621	0	613	0	597	0	592	0	320	2	320	2	-18	0	-20	0	0	0	0	0	502	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
400	655	0	649	0	626	0	622	0	320	2	320	2	-23	0	-25	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
500	700	0	694	0	667	0	654	0	320	2	320	2	-29	0	-31	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
600	736	0	732	0	700	0	696	0	320	2	320	2	-32	0	-32	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
700	718	0	711	0	671	0	669	0	320	2	320	2	-41	0	-41	0	0	0	0	0	585	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
800	723	0	720	0	675	0	669	0	320	2	320	2	-47	0	-49	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
900	729	0	725	0	675	0	659	0	320	2	320	2	-52	0	-56	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
1000	0	2	0	2	0	2	0	2	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	714	0	712	0	673	0	667	0	320	2	320	2	-41	0	-45	0	0	0	0	0	558	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
1600	707	0	703	0	671	0	656	0	320	2	320	2	-34	0	-38	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
1700	711	0	709	0	685	0	680	0	320	2	320	2	-23	0	-27	0	0	0	0	0	572	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
1800	703	0	700	0	689	0	684	0	320	2	320	2	-14	0	-16	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
1900	702	0	698	0	685	0	680	0	320	2	320	2	-16	0	-18	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
2000	664	0	657	0	676	0	671	0	320	2	320	2	14	0	14	0	0	0	0	0	536	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
2100	642	0	633	0	662	0	658	0	320	2	320	2	20	0	22	0	0	0	0	0	513	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
2200	626	0	619	0	696	0	691	0	320	2	320	2	70	0	72	0	0	0	0	0	504	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
2300	639	0	631	0	673	0	667	0	320	2	320	2	34	0	34	0	0	0	0	0	509	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	
2400	631	0	624	0	649	0	644	0	320	2	320	2	18	0	18	0	0	0	0	0	503	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	

STATUS CODE(8) DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREE, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND									
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6	MIN	MAX								
	50 A	8	50 B	8	150A	8	150B	8			50 B	8			150A	8			8			8										
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----								
100	66	0	72	0	148	0	163	0	0	0	127	0	161	85	135	0	170	80	152	0	157	144	154	0	163	141	0	0	0	0	0	0
200	77	0	85	0	160	0	175	0	0	0	126	0	152	105	135	0	173	102	148	0	153	139	149	0	159	138	0	0	0	0	0	0
300	76	0	84	0	152	0	167	0	0	0	123	0	150	96	129	0	170	82	147	0	156	136	149	0	163	135	0	0	0	0	0	0
400	67	0	73	0	136	0	152	0	0	0	118	0	145	93	126	0	151	102	142	0	155	119	146	0	156	129	0	0	0	0	0	0
500	89	0	102	0	171	0	190	0	0	0	121	0	149	99	131	0	171	83	145	0	153	134	148	0	162	135	0	0	0	0	0	0
600	82	0	84	0	173	0	187	0	0	0	129	0	163	98	138	0	173	81	154	0	165	143	156	0	174	142	0	0	0	0	0	0
700	88	0	88	0	165	0	159	0	0	0	138	0	175	106	150	0	196	102	163	0	174	147	165	0	177	140	0	0	0	0	0	0
800	90	0	82	0	175	0	150	0	0	0	159	0	257	99	162	0	267	90	174	0	207	156	173	0	199	140	0	0	0	0	0	0
900	55	0	54	0	110	0	92	0	0	0	165	0	258	91	170	0	241	99	178	0	215	131	177	0	225	128	0	0	0	0	0	0
1000	76	0	72	0	134	0	105	0	0	0	177	0	131	92	185	0	254	102	184	0	238	129	181	0	213	135	0	0	0	0	0	0
1100	81	0	71	0	133	0	94	0	0	0	199	0	265	93	194	0	267	100	193	0	220	152	190	0	224	141	0	0	0	0	0	0
1200	73	0	70	0	123	0	102	0	0	0	253	0	357	200	201	0	266	105	199	0	243	146	196	0	249	125	0	0	0	0	0	0
1300	68	0	70	0	80	0	84	0	0	0	246	0	354	205	250	0	328	197	228	0	267	157	224	0	268	152	0	0	0	0	0	0
1400	72	0	74	0	95	0	103	0	0	0	243	0	280	195	248	0	309	189	241	0	265	219	236	0	265	214	0	0	0	0	0	0
1500	65	0	63	0	101	0	96	0	0	0	234	0	323	183	237	0	333	189	215	0	258	158	209	0	245	140	0	0	0	0	0	0
1600	90	0	84	0	146	0	116	0	0	0	192	0	266	98	199	0	266	104	200	0	234	167	198	0	237	124	0	0	0	0	0	0
1700	81	0	77	0	142	0	108	0	0	0	199	0	269	114	205	0	261	100	201	0	223	140	198	0	245	115	0	0	0	0	0	0
1800	85	0	81	0	162	0	125	0	0	0	204	0	258	90	209	0	265	115	207	0	229	177	202	0	231	168	0	0	0	0	0	0
1900	60	0	54	0	109	0	91	0	0	0	213	0	267	128	212	0	263	122	210	0	232	185	207	0	234	159	0	0	0	0	0	0
2000	54	0	49	0	112	0	84	0	0	0	235	0	355	197	209	0	266	164	207	0	222	188	204	0	225	181	0	0	0	0	0	0
2100	51	0	46	0	127	0	89	0	0	0	253	0	359	202	200	0	264	102	204	0	215	186	201	0	227	174	0	0	0	0	0	0
2200	55	0	58	0	130	0	103	0	0	0	73	0	161	276	169	0	240	103	183	0	198	170	181	0	198	163	0	0	0	0	0	0
2300	64	0	61	0	153	0	101	0	0	0	181	0	246	97	186	0	228	121	193	0	208	179	189	0	217	168	0	0	0	0	0	0
2400	78	0	74	0	169	0	112	0	0	0	187	0	268	98	191	0	245	115	195	0	208	165	192	0	216	151	0	0	0	0	0	0

[illegible]

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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX B S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	97 0	64 0	174 0	125 0	0 0	0 0	198 0	263	107	205 0	249	116	201 0	231	162	197 0	223	167	0 0	0 0	0 0	0 0	0 0	0 0
200	68 0	62 0	148 0	107 0	0 0	0 0	200 0	256	108	200 0	254	138	200 0	221	166	196 0	227	152	0 0	0 0	0 0	0 0	0 0	0 0
300	77 0	69 0	138 0	115 0	0 0	0 0	210 0	258	106	214 0	256	143	210 0	230	193	207 0	230	177	0 0	0 0	0 0	0 0	0 0	0 0
400	86 0	73 0	159 0	120 0	0 0	0 0	208 0	265	147	208 0	265	134	207 0	225	192	203 0	233	179	0 0	0 0	0 0	0 0	0 0	0 0
500	90 0	82 0	149 0	136 0	0 0	0 0	213 0	265	96	220 0	257	147	214 0	232	188	209 0	231	175	0 0	0 0	0 0	0 0	0 0	0 0
600	105 0	90 0	164 0	149 0	0 0	0 0	218 0	262	146	221 0	260	183	214 0	241	192	211 0	246	180	0 0	0 0	0 0	0 0	0 0	0 0
700	66 0	61 0	138 0	100 0	0 0	0 0	197 0	266	97	197 0	254	108	198 0	219	173	196 0	225	161	0 0	0 0	0 0	0 0	0 0	0 0
800	76 0	64 0	138 0	98 0	0 0	0 0	201 0	269	104	207 0	267	150	203 0	228	175	199 0	231	169	0 0	0 0	0 0	0 0	0 0	0 0
900	63 0	51 0	120 0	90 0	0 0	0 0	193 0	266	99	195 0	263	105	195 0	220	150	193 0	239	157	0 0	0 0	0 0	0 0	0 0	0 0
1000	72 0	65 0	145 0	99 0	0 0	0 0	195 0	266	100	200 0	264	113	196 0	219	161	193 0	231	143	0 0	0 0	0 0	0 0	0 0	0 0
1100	57 0	52 0	120 0	89 0	0 0	0 0	194 0	267	91	199 0	263	99	196 0	247	132	191 0	260	121	0 0	0 0	0 0	0 0	0 0	0 0
1200	100 0	94 0	141 0	144 0	0 0	0 0	230 0	334	186	232 0	305	195	225 0	243	200	220 0	242	180	0 0	0 0	0 0	0 0	0 0	0 0
1300	89 0	81 0	136 0	132 0	0 0	0 0	240 0	353	201	242 0	310	192	225 0	265	186	220 0	257	167	0 0	0 0	0 0	0 0	0 0	0 0
1400	96 0	101 0	149 0	166 0	0 0	0 0	239 0	264	214	242 0	292	215	243 0	256	232	237 0	257	213	0 0	0 0	0 0	0 0	0 0	0 0
1500	86 0	89 0	122 0	131 0	0 0	0 0	242 0	331	199	243 0	327	189	235 0	264	210	229 0	262	201	0 0	0 0	0 0	0 0	0 0	0 0
1600	114 0	114 0	168 0	180 0	0 0	0 0	242 0	263	223	246 0	286	218	253 0	266	246	246 0	254	236	0 0	0 0	0 0	0 0	0 0	0 0
1700	107 0	112 0	178 0	198 0	0 0	0 0	251 0	290	230	254 0	286	214	267 0	297	252	260 0	290	231	0 0	0 0	0 0	0 0	0 0	0 0
1800	114 0	104 0	182 0	162 0	0 0	0 0	313 0	339	281	310 0	351	266	329 0	358	315	319 0	14	293	0 0	0 0	0 0	0 0	0 0	0 0
1900	27 0	32 0	49 0	57 0	0 0	0 0	245 0	314	204	245 0	350	192	257 0	300	241	251 0	293	231	0 0	0 0	0 0	0 0	0 0	0 0
2000	56 0	64 0	87 0	97 0	0 0	0 0	245 0	276	218	244 0	283	210	257 0	269	247	252 0	277	237	0 0	0 0	0 0	0 0	0 0	0 0
2100	61 0	66 0	100 0	114 0	0 0	0 0	244 0	275	213	245 0	282	200	268 0	285	256	261 0	279	245	0 0	0 0	0 0	0 0	0 0	0 0
2200	56 0	59 0	79 0	88 0	0 0	0 0	274 0	335	229	270 0	331	218	301 0	332	275	292 0	326	265	0 0	0 0	0 0	0 0	0 0	0 0
2300	68 0	66 0	123 0	125 0	0 0	0 0	6 0	44	312	6 0	61	284	7 0	32	341	359 0	31	326	0 0	0 0	0 0	0 0	0 0	0 0
2400	75 0	74 0	117 0	119 0	0 0	0 0	12 0	41	324	10 0	58	327	15 0	31	348	3 0	30	338	0 0	0 0	0 0	0 0	0 0	0 0

	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	S RAIN S
100	770 0	765 0	772 0	765 0	320 2	320 2	2 0	2 0	0 0	0 0	577 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	761 0	756 0	761 0	756 0	320 2	320 2	2 0	0 0	0 0	0 0	576 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	752 0	747 0	752 0	747 0	320 2	320 2	2 0	0 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	750 0	747 0	752 0	747 0	320 2	320 2	4 0	2 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	754 0	750 0	754 0	748 0	320 2	320 2	2 0	0 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	747 0	741 0	745 0	738 0	320 2	320 2	-2 0	-4 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	743 0	738 0	736 0	730 0	320 2	320 2	-5 0	-7 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	772 0	766 0	757 0	748 0	320 2	320 2	-16 0	-18 0	0 0	0 0	577 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	779 0	774 0	761 0	756 0	320 2	320 2	-16 0	-18 0	0 0	0 0	597 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	784 0	779 0	770 0	763 0	320 2	320 2	-14 0	-14 0	0 0	0 0	590 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	837 0	833 0	802 0	797 0	320 2	320 2	-34 0	-34 0	0 0	0 0	637 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	813 0	808 0	792 0	792 0	320 2	320 2	-14 0	-14 0	0 0	0 0	617 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	826 0	824 0	819 0	808 0	320 2	320 2	-9 0	-11 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	727 0	720 0	741 0	732 0	320 2	320 2	13 0	13 0	0 0	0 0	554 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	772 0	766 0	754 0	750 0	320 2	320 2	-16 0	-16 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	754 0	747 0	754 0	747 0	320 2	320 2	2 0	2 0	0 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	729 0	723 0	739 0	732 0	320 2	320 2	11 0	11 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	705 0	694 0	709 0	700 0	320 2	320 2	4 0	5 0	0 0	0 0	540 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	698 0	691 0	696 0	691 0	320 2	320 2	2 0	2 0	0 0	0 0	543 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	694 0	691 0	700 0	689 0	320 2	320 2	2 0	2 0	0 0	0 0	540 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	687 0	680 0	694 0	689 0	320 2	320 2	7 0	9 0	0 0	0 0	543 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	691 0	685 0	689 0	684 0	320 2	320 2	0 0	0 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	673 0	667 0	666 0	662 0	320 2	320 2	-5 0	-5 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	657 0	651 0	657 0	648 0	320 2	320 2	-4 0	-4 0	0 0	0 0	513 0	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6
	50 A S	50 B S	150A S	150B S	S	50 A S		50	B S		150A S			150B S			S			S		
100	88 0	89 0	129 0	129 0	0 0	0 0	20 0	42	338	23 0	61	351	21 0	38	345	11 0	37	324	0 0	0 0	0 0	0 0
200	87 0	93 0	134 0	137 0	0 0	0 0	21 0	66	355	18 0	81	331	21 0	32	350	9 0	30	347	0 0	0 0	0 0	0 0
300	105 0	111 0	142 0	144 0	0 0	0 0	26 0	77	354	26 0	80	349	28 0	47	15	20 0	54	353	0 0	0 0	0 0	0 0
400	100 0	103 0	136 0	136 0	0 0	0 0	29 0	57	9	33 0	96	12	32 0	50	10	24 0	55	0	0 0	0 0	0 0	0 0
500	79 0	82 0	103 0	109 0	0 0	0 0	33 0	68	9	33 0	84	353	37 0	53	26	30 0	55	14	0 0	0 0	0 0	0 0
600	68 0	72 0	105 0	106 0	0 0	0 0	33 0	63	16	35 0	80	8	29 0	41	22	22 0	43	4	0 0	0 0	0 0	0 0
700	84 0	89 0	114 0	111 0	0 0	0 0	30 0	53	12	30 0	62	353	32 0	56	17	25 0	64	5	0 0	0 0	0 0	0 0
800	95 0	101 0	122 0	122 0	0 0	0 0	31 0	68	11	35 0	84	355	31 0	53	17	23 0	50	356	0 0	0 0	0 0	0 0
900	78 0	82 0	108 0	108 0	0 0	0 0	30 0	72	346	30 0	104	353	32 0	52	14	25 0	51	358	0 0	0 0	0 0	0 0
1000	109 0	113 0	150 0	146 0	0 0	0 0	17 0	86	332	20 0	79	330	22 0	58	1	11 0	40	344	0 0	0 0	0 0	0 0
1100	70 0	76 0	106 0	113 0	0 0	0 0	26 0	102	326	31 0	96	331	16 0	34	331	5 0	50	308	0 0	0 0	0 0	0 0
1200	72 0	74 0	108 0	111 0	0 0	0 0	354 0	121	292	355 0	81	284	3 0	46	293	356 0	44	285	0 0	0 0	0 0	0 0
1300	91 0	93 0	144 0	140 0	0 0	0 0	341 0	28	303	345 0	53	285	1 0	41	336	353 0	31	324	0 0	0 0	0 0	0 0
1400	79 0	83 0	126 0	126 0	0 0	0 0	340 0	26	276	345 0	39	272	356 0	24	325	349 0	33	303	0 0	0 0	0 0	0 0
1500	82 0	85 0	111 0	113 0	0 0	0 0	336 0	21	273	339 0	36	282	354 0	23	321	349 0	34	309	0 0	0 0	0 0	0 0
1600	114 0	102 0	167 0	127 0	0 0	0 0	340 0	28	297	341 0	58	283	351 0	37	337	342 0	17	317	0 0	0 0	0 0	0 0
1700	65 0	72 0	97 0	99 0	0 0	0 0	332 0	36	272	336 0	59	283	348 0	12	322	344 0	24	311	0 0	0 0	0 0	0 0
1800	74 0	76 0	98 0	102 0	0 0	0 0	343 0	26	298	344 0	36	282	351 0	19	322	346 0	19	293	0 0	0 0	0 0	0 0
1900	37 0	42 0	61 0	64 0	0 0	0 0	14 0	100	303	15 0	83	307	10 0	52	334	2 0	63	321	0 0	0 0	0 0	0 0
2000	50 0	54 0	96 0	98 0	0 0	0 0	34 0	54	20	38 0	62	15	36 0	44	27	28 0	39	18	0 0	0 0	0 0	0 0
2100	56 0	60 0	95 0	97 0	0 0	0 0	27 0	42	16	29 0	58	12	32 0	43	25	25 0	33	19	0 0	0 0	0 0	0 0
2200	43 0	48 0	73 0	76 0	0 0	0 0	2 0	21	339	3 0	36	330	359 0	18	347	355 0	10	349	0 0	0 0	0 0	0 0
2300	42 0	45 0	67 0	70 0	0 0	0 0	348 0	24	328	348 0	36	307	6 0	36	348	359 0	33	344	0 0	0 0	0 0	0 0
2400	45 0	52 0	45 0	52 0	0 0	0 0	257 0	268	244	260 0	263	238	306 0	314	295	298 0	307	286	0 0	0 0	0 0	0 0

	AMB.	AMB.	AMB.	AMB.	AMB.	AMB.	D.T.	D.T.	D.T.	D.T.	MISC	MISC	MISC	MISC	MISC	MISC	MISC	MISC		
	TEM1	TEM2	TEM3	TEM4	TEM5	TEMP6	1	2	3	4	1	2	3	4	5	6	7		RAIN	S
	30 A S	30 B S	180A S	180B S	S	S	180A S	180B S	S	S	S	S	S	S	S	S	S	S		
100	657 0	651 0	653 0	648 0	320 2	320 2	-4 0	-4 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
200	660 0	655 0	655 0	649 0	320 2	320 2	-5 0	-5 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
300	653 0	648 0	648 0	640 0	320 2	320 2	-5 0	-5 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
400	642 0	637 0	639 0	633 0	320 2	320 2	-4 0	-5 0	0 0	0 0	516 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
500	639 0	633 0	635 0	630 0	320 2	320 2	-2 0	-4 0	0 0	0 0	513 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
600	631 0	624 0	631 0	628 0	320 2	320 2	2 0	2 0	0 0	0 0	507 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
700	648 0	640 0	642 0	633 0	320 2	320 2	-2 0	-4 0	0 0	0 0	509 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
800	664 0	660 0	646 0	639 0	320 2	320 2	-16 0	-18 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
900	678 0	671 0	658 0	653 0	320 2	320 2	-16 0	-18 0	0 0	0 0	547 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1000	664 0	660 0	637 0	630 0	320 2	320 2	-20 0	-22 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1100	678 0	675 0	651 0	646 0	320 2	320 2	-27 0	-29 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1200	694 0	691 0	653 0	648 0	320 2	320 2	-40 0	-41 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1300	698 0	693 0	651 0	646 0	320 2	320 2	-40 0	-41 0	0 0	0 0	536 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1400	702 0	698 0	657 0	651 0	320 2	320 2	-45 0	-47 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1500	698 0	694 0	658 0	653 0	320 2	320 2	-40 0	-41 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1600	729 1	711 0	658 0	649 0	320 2	320 2	-34 0	-38 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1700	703 0	698 0	667 0	664 0	320 2	320 2	-34 0	-34 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1800	698 0	693 0	671 0	666 0	320 2	320 2	-27 0	-27 0	0 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1900	689 0	684 0	675 0	667 0	320 2	320 2	-14 0	-16 0	0 0	0 0	563 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2000	664 0	657 0	691 0	685 0	320 2	320 2	29 0	29 0	0 0	0 0	531 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2100	667 0	660 0	696 0	691 0	320 2	320 2	31 0	31 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2200	640 0	631 0	666 0	660 0	320 2	320 2	25 0	27 0	0 0	0 0	513 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2300	640 0	631 0	671 0	666 0	320 2	320 2	31 0	32 0	0 0	0 0	511 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2400	635 0	628 0	653 0	646 0	320 2	320 2	18 0	18 0	0 0	0 0	505 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	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

[illegible]

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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX 50 B S	WIND DIR2	MIN 150A S	MAX 150A S	WIND DIR3	MIN 150B S	MAX 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	54 0	50 0	137 0	129 0	0 0	0 0	171 0	221 114	177 0	218 125	177 0	179 174	175 0	179 173	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
200	54 0	58 0	163 0	138 0	0 0	0 0	176 0	231 136	180 0	261 124	184 0	187 181	180 0	186 177	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
300	35 0	39 0	144 0	100 0	0 0	0 0	182 0	268 110	179 0	259 103	191 0	200 180	189 0	197 169	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
400	63 0	55 0	110 0	128 0	0 0	0 0	196 0	233 161	200 0	241 148	225 0	233 217	221 0	231 213	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
500	63 0	57 0	107 0	119 0	0 0	0 0	194 0	222 157	199 0	259 150	220 0	228 213	218 0	224 209	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
600	60 0	53 0	120 0	136 0	0 0	0 0	198 0	223 168	205 0	260 169	231 0	233 228	226 0	231 223	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
700	57 0	55 0	107 0	112 0	0 0	0 0	194 0	221 144	198 0	253 151	232 0	250 227	227 0	249 223	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
800	39 0	41 0	79 0	82 0	0 0	0 0	230 0	348 191	209 0	266 151	226 0	241 213	223 0	245 205	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
900	62 0	58 0	83 0	89 0	0 0	0 0	242 0	282 204	245 0	287 212	239 0	257 216	234 0	265 207	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1000	65 0	71 0	76 0	88 0	0 0	0 0	242 0	274 220	246 0	266 212	242 0	262 231	237 0	268 226	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1100	65 0	74 0	66 0	77 0	0 0	0 0	246 0	270 226	247 0	282 215	241 0	256 215	237 0	257 211	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1200	59 0	65 0	68 0	79 0	0 0	0 0	264 0	295 234	266 0	305 234	268 0	285 251	262 0	286 241	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1300	47 0	51 0	53 0	61 0	0 0	0 0	294 0	335 264	293 0	356 262	290 0	310 246	283 0	314 231	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1400	43 0	51 0	59 0	67 0	0 0	0 0	295 0	352 222	292 0	350 191	303 0	327 288	296 0	321 279	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1500	53 0	58 0	67 0	69 0	0 0	0 0	300 0	330 261	300 0	332 259	306 0	323 302	298 0	321 292	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1600	39 0	46 0	56 0	63 0	0 0	0 0	301 0	342 254	302 0	356 195	314 0	335 290	306 0	330 289	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1700	34 0	42 0	47 0	53 0	0 0	0 0	308 0	354 239	309 0	357 219	321 0	344 293	313 0	348 274	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1800	20 0	26 0	29 0	35 0	0 0	0 0	293 0	359 214	291 0	355 238	297 0	325 272	288 0	324 258	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
1900	29 0	36 0	49 0	58 0	0 0	0 0	238 0	267 213	240 0	263 212	235 0	257 221	231 0	258 213	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
2000	25 0	30 0	38 0	46 0	0 0	0 0	280 0	306 252	283 0	309 257	248 0	272 336	241 0	269 230	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
2100	28 0	25 0	61 0	73 0	0 0	0 0	233 0	254 197	233 0	261 195	226 0	232 217	221 0	228 212	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
2200	56 0	48 0	131 0	106 0	0 0	0 0	227 0	358 192	211 0	264 172	213 0	216 209	211 0	217 206	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
2300	83 0	68 0	119 0	136 0	0 0	0 0	240 0	273 213	246 0	283 214	240 0	261 221	234 0	257 215	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
2400	87 0	83 0	143 0	160 0	0 0	0 0	222 0	251 189	224 0	262 173	234 0	247 216	229 0	250 206	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	

	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	673 0	734 0	727 0	320 2	320 2	54 0	54 0	0 0	0 0	531 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	667 0	662 0	730 0	725 0	320 2	320 2	65 0	65 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	660 0	655 0	727 0	720 0	320 2	320 2	67 0	67 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	666 0	658 0	736 0	729 0	320 2	320 2	72 0	72 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	667 0	660 0	729 0	723 0	320 2	320 2	65 0	65 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	664 0	657 0	723 0	716 0	320 2	320 2	61 0	61 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	694 0	689 0	727 0	720 0	320 2	320 2	38 0	38 0	0 0	0 0	514 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	730 0	725 0	721 0	714 0	320 2	320 2	-4 0	-5 0	0 0	0 0	536 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	729 0	723 0	720 0	714 0	320 2	320 2	-5 0	-5 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	754 0	748 0	747 0	741 0	320 2	320 2	-7 0	-7 0	0 0	0 0	603 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	761 0	757 0	757 0	752 0	320 2	320 2	-4 0	-4 0	0 0	0 0	604 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	781 0	775 0	765 0	759 0	320 2	320 2	-16 0	-16 0	0 0	0 0	612 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	817 0	815 0	774 0	770 0	320 2	320 2	-43 0	-45 0	0 0	0 0	612 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	815 0	811 0	763 0	759 0	320 2	320 2	-54 0	-54 0	0 0	0 0	622 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	842 0	838 0	772 0	766 0	320 2	320 2	-63 2	-59 2	0 0	0 0	615 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	835 0	831 0	775 0	772 0	320 2	320 2	-58 0	-58 0	0 0	0 0	631 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	819 0	813 0	783 0	779 0	320 2	320 2	-36 0	-36 0	0 0	0 0	626 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	824 0	819 0	792 0	790 0	320 2	320 2	-31 0	-31 0	0 0	0 0	633 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	804 0	799 0	797 0	792 0	320 2	320 2	-5 0	-5 0	0 0	0 0	621 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	766 0	759 0	779 0	774 0	320 2	320 2	14 0	16 0	0 0	0 0	579 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	763 0	756 0	779 0	774 0	320 2	320 2	18 0	20 0	0 0	0 0	570 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	732 0	727 0	777 0	772 0	320 2	320 2	47 0	45 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	743 0	738 0	756 0	748 0	320 2	320 2	13 0	13 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	747 0	741 0	757 0	752 0	320 2	320 2	11 0	11 0	0 0	0 0	563 0	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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 50 B S	MIN 50 B S	MAX 50 B S	WIND DIR2 150A S	MIN 150A S	MAX 150A S	WIND DIR3 150B S	MIN 150B S	MAX 150B S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 MIN MAX	WIND DIR6 MIN MAX
100	79 0	76 0	129 0	145 0	0 0	0 0	220 0	240 159	224 0	260 148	229 0	244 213	224 0	245 202	0 0	0 0	0 0	0 0	0 0
200	83 0	82 0	144 0	163 0	0 0	0 0	225 0	255 193	231 0	283 195	234 0	248 218	230 0	247 210	0 0	0 0	0 0	0 0	0 0
300	60 0	65 0	110 0	125 0	0 0	0 0	241 0	257 221	246 0	261 217	252 0	259 242	245 0	254 234	0 0	0 0	0 0	0 0	0 0
400	75 0	74 0	112 0	128 0	0 0	0 0	229 0	257 195	232 0	263 195	243 0	252 227	237 0	251 220	0 0	0 0	0 0	0 0	0 0
500	70 0	70 0	115 0	131 0	0 0	0 0	226 0	280 195	229 0	286 193	237 0	256 224	231 0	249 213	0 0	0 0	0 0	0 0	0 0
600	65 0	72 0	111 0	126 0	0 0	0 0	241 0	258 223	244 0	263 216	269 0	270 262	260 0	265 256	0 0	0 0	0 0	0 0	0 0
700	70 0	72 0	101 0	115 0	0 0	0 0	236 0	272 200	241 0	286 195	255 0	271 241	249 0	265 229	0 0	0 0	0 0	0 0	0 0
800	76 0	82 0	112 0	121 0	0 0	0 0	237 0	285 212	237 0	264 34	247 0	259 225	241 0	256 209	0 0	0 0	0 0	0 0	0 0
900	70 0	69 0	97 0	76 0	0 0	0 0	240 0	277 203	242 0	291 192	250 0	283 231	242 0	272 204	0 0	0 0	0 0	0 0	0 0
1000	73 0	72 0	90 0	103 0	0 0	0 0	242 0	271 217	244 0	278 214	251 0	259 224	246 0	259 219	0 0	0 0	0 0	0 0	0 0
1100	77 0	78 0	87 0	98 0	0 0	0 0	243 0	265 218	246 0	285 214	263 0	293 245	257 0	293 227	0 0	0 0	0 0	0 0	0 0
1200	60 0	63 0	69 0	80 0	0 0	0 0	257 0	296 205	259 0	326 195	265 0	290 228	258 0	288 195	0 0	0 0	0 0	0 0	0 0
1300	69 0	68 0	69 0	72 0	0 0	0 0	267 0	297 246	265 0	311 214	282 0	300 269	275 0	296 261	0 0	0 0	0 0	0 0	0 0
1400	57 0	56 0	65 0	74 0	0 0	0 0	288 0	344 237	294 0	350 238	304 0	334 279	295 0	314 253	0 0	0 0	0 0	0 0	0 0
1500	70 0	73 0	92 0	76 0	0 0	0 0	334 0	16 270	336 0	38 279	350 0	26 332	345 0	20 311	0 0	0 0	0 0	0 0	0 0
1600	65 0	69 0	93 0	76 0	0 0	0 0	31 0	81 344	29 0	129 327	18 0	51 345	12 0	57 335	0 0	0 0	0 0	0 0	0 0
1700	66 0	72 0	101 0	105 0	0 0	0 0	27 0	70 326	33 0	107 351	23 0	53 347	15 0	46 335	0 0	0 0	0 0	0 0	0 0
1800	101 0	106 0	138 0	140 0	0 0	0 0	31 0	78 349	31 0	82 353	32 0	54 19	24 0	51 358	0 0	0 0	0 0	0 0	0 0
1900	73 0	84 0	102 0	110 0	0 0	0 0	45 0	86 5	45 0	103 12	42 0	68 23	35 0	71 2	0 0	0 0	0 0	0 0	0 0
2000	97 0	160 0	131 0	132 0	0 0	0 0	34 0	70 4	33 0	84 353	37 0	53 22	29 0	49 9	0 0	0 0	0 0	0 0	0 0
2100	89 0	94 0	133 0	140 0	0 0	0 0	37 0	76 16	39 0	81 353	39 0	58 25	32 0	55 3	0 0	0 0	0 0	0 0	0 0
2200	90 0	93 0	125 0	128 0	0 0	0 0	35 0	67 12	40 0	98 13	38 0	56 24	31 0	57 11	0 0	0 0	0 0	0 0	0 0
2300	66 0	71 0	91 0	97 0	0 0	0 0	38 0	70 4	39 0	80 353	41 0	64 30	34 0	55 8	0 0	0 0	0 0	0 0	0 0
2400	66 0	75 0	91 0	108 0	0 0	0 0	46 0	78 28	51 0	104 34	48 0	58 35	43 0	60 27	0 0	0 0	0 0	0 0	0 0

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 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	745 0	739 0	757 0	750 0	320 2	320 2	14 0	13 0	0 0	0 0	563 0	0 2	0 2	0 2	0 2	0 2	0 0
200	736 0	730 0	745 0	739 0	320 2	320 2	9 0	9 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 0
300	700 0	693 0	721 0	714 0	320 2	320 2	23 0	23 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	0 0
400	718 0	712 0	730 0	723 0	320 2	320 2	14 0	13 0	0 0	0 0	550 0	0 2	0 2	0 2	0 2	0 2	0 0
500	689 0	682 0	702 0	694 0	320 2	320 2	13 0	13 0	0 0	0 0	536 0	0 2	0 2	0 2	0 2	0 2	0 0
600	685 0	680 0	711 0	705 0	320 2	320 2	27 0	27 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	0 0
700	705 0	700 0	709 0	703 0	320 2	320 2	5 0	5 0	0 0	0 0	552 0	0 2	0 2	0 2	0 2	0 2	0 0
800	714 0	709 0	709 0	703 0	320 2	320 2	-4 0	-4 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 0
900	729 0	723 0	711 0	705 0	320 2	320 2	-11 0	-11 0	0 0	0 0	550 0	0 2	0 2	0 2	0 2	0 2	0 0
1000	727 0	721 0	720 0	714 0	320 2	320 2	-7 0	-7 0	0 0	0 0	585 0	0 2	0 2	0 2	0 2	0 2	0 0
1100	736 0	729 0	714 0	709 0	320 2	320 2	-20 0	-20 0	0 0	0 0	590 0	0 2	0 2	0 2	0 2	0 2	0 0
1200	754 0	748 0	725 0	721 0	320 2	320 2	-27 0	-25 0	0 0	0 0	601 0	0 2	0 2	0 2	0 2	0 2	0 0
1300	765 0	757 0	730 0	727 0	320 2	320 2	-27 0	-27 0	0 0	0 0	586 0	0 2	0 2	0 2	0 2	0 2	0 0
1400	793 0	788 0	739 0	738 0	320 2	320 2	-52 0	-52 0	0 0	0 0	610 0	0 2	0 2	0 2	0 2	0 2	0 0
1500	770 0	766 0	718 0	712 0	320 2	320 2	-52 0	-52 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	0 0
1600	761 0	759 0	716 0	711 0	320 2	320 2	-45 0	-49 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	0 0
1700	736 0	732 0	705 0	700 0	320 2	320 2	-29 0	-32 0	0 0	0 0	579 0	0 2	0 2	0 2	0 2	0 2	0 0
1800	707 0	702 0	694 0	689 0	320 2	320 2	-11 0	-13 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	0 0
1900	702 0	694 0	691 0	685 0	320 2	320 2	-9 0	-9 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 0
2000	700 0	694 0	693 0	687 0	320 2	320 2	-5 0	-7 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	0 0
2100	694 0	689 0	693 0	687 0	320 2	320 2	-2 0	-2 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 0
2200	694 0	689 0	693 0	687 0	320 2	320 2	2 0	2 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 0
2300	687 0	680 0	685 0	678 0	320 2	320 2	2 0	2 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 0
2400	682 0	676 0	685 0	680 0	320 2	320 2	5 0	5 0	0 0	0 0	536 0	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

	WIND SPD1 50 A S		WIND SPD2 50 B S		WIND SPD3 150A S		WIND SPD4 150B S		WIND SPD5 S		WIND SPD6 50 A S		WIND DIR1		MIN 50 B S		MAX 150A S		WIND DIR2		MIN 150A S		MAX 150B S		WIND DIR3		MIN 150B S		MAX 150B S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S			
100	67	0	75	0	96	0	118	0	0	0	0	0	62	0	97	38	66	0	107	35	65	0	88	52	62	0	92	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
200	76	0	85	0	101	0	125	0	0	0	0	0	68	0	92	37	76	0	127	17	68	0	85	51	63	0	85	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
300	99	0	106	0	129	0	148	0	0	0	0	0	75	0	105	48	80	0	126	38	76	0	86	68	73	0	89	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
400	69	0	77	0	95	0	110	0	0	0	0	0	79	0	109	59	81	0	125	57	76	0	88	64	74	0	93	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
500	82	0	83	0	115	0	125	0	0	0	0	0	84	0	108	65	88	0	129	59	82	0	90	72	80	0	98	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
600	99	0	100	0	137	0	144	0	0	0	0	0	92	0	113	75	98	0	128	80	92	0	96	82	91	0	105	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
700	102	0	94	0	148	0	151	0	0	0	0	0	107	0	134	79	111	0	148	61	100	0	129	94	107	0	144	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
800	114	0	106	0	156	0	153	0	0	0	0	0	107	0	131	85	111	0	148	74	100	0	126	88	109	0	139	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
900	119	0	116	0	157	0	169	0	0	0	0	0	105	0	125	86	112	0	149	80	101	0	110	93	109	0	129	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1000	100	0	99	0	142	0	150	0	0	0	0	0	101	0	124	76	107	0	147	61	98	0	117	89	109	0	136	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1100	92	0	93	0	132	0	135	0	0	0	0	0	99	0	121	72	104	0	150	57	98	0	116	82	106	0	136	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1200	99	0	101	0	124	0	133	0	0	0	0	0	92	0	122	70	100	0	128	62	94	0	104	81	98	0	122	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	72	0	74	0	96	0	109	0	0	0	0	0	103	0	148	65	111	0	148	58	103	0	142	87	116	0	150	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1400	84	0	83	0	108	0	118	0	0	0	0	0	104	0	128	73	111	0	151	78	100	0	130	89	113	0	138	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	87	0	87	0	126	0	126	0	0	0	0	0	100	0	127	79	105	0	150	34	100	0	116	93	112	0	148	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	58	0	63	0	82	0	88	0	0	0	0	0	82	0	123	49	87	0	147	44	80	0	105	58	78	0	114	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	63	0	65	0	91	0	98	0	0	0	0	0	85	0	110	63	91	0	127	57	86	0	93	71	85	0	101	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	90	0	92	0	119	0	127	0	0	0	0	0	89	0	108	65	93	0	128	54	86	0	95	69	84	0	105	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	76	0	77	0	125	0	117	0	0	0	0	0	92	0	117	65	100	0	150	60	89	0	75	99	96	0	132	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	0	2	0	2	102	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	93	0	84	97	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
2100	0	2	0	2	125	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	93	0	83	97	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
2200	0	2	0	2	150	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	93	0	87	101	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
2300	0	2	0	2	144	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	99	0	92	106	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
2400	0	2	0	2	142	0	0	2	0	2	0	2	0	2	0	0	0	2	0	0	0	124	0	111	135	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2		

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1	D.T. 2	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	RAIN		
	30 A	S	30 B	S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	
100	684	0	676	0	680	0	675	0	320	2	320	2	-4	0	-4	0	0	0	536	0	0	2	0	2	0	0
200	673	0	667	0	671	0	666	0	320	2	320	2	0	0	0	0	0	0	531	0	0	2	0	2	0	0
300	669	0	664	0	664	0	658	0	320	2	320	2	-5	0	-5	0	0	0	529	0	0	2	0	2	0	0
400	646	0	639	0	644	0	639	0	320	2	320	2	0	0	0	0	0	0	514	0	0	2	0	2	0	0
500	642	0	637	0	635	0	630	0	320	2	320	2	-5	0	-7	0	0	0	516	0	0	2	0	2	0	0
600	631	0	624	0	630	0	624	0	320	2	320	2	2	0	2	0	0	0	507	0	0	2	0	2	0	0
700	642	0	639	0	635	0	630	0	320	2	320	2	-5	0	-5	0	0	0	505	0	0	2	0	2	0	0
800	667	0	662	0	657	0	649	0	320	2	320	2	-5	0	-7	0	0	0	513	0	0	2	0	2	0	0
900	673	0	667	0	666	0	660	0	320	2	320	2	-7	0	-9	0	0	0	538	0	0	2	0	2	0	0
1000	675	0	673	0	666	0	660	0	320	2	320	2	-7	0	-7	0	0	0	527	0	0	2	0	2	0	0
1100	684	0	682	0	671	0	667	0	320	2	320	2	-9	0	-9	0	0	0	529	0	0	2	0	2	0	0
1200	691	0	689	0	675	0	671	0	320	2	320	2	-16	0	-18	0	0	0	547	0	0	2	0	2	0	0
1300	707	0	703	0	696	0	691	0	320	2	320	2	-11	0	-13	0	0	0	561	0	0	2	0	2	0	0
1400	709	0	703	0	700	0	694	0	320	2	320	2	-7	0	-9	0	0	0	559	0	0	2	0	2	0	0
1500	720	0	718	0	707	0	702	0	320	2	320	2	-7	0	-9	0	0	0	545	0	0	2	0	2	0	0
1600	723	0	720	0	707	0	700	0	320	2	320	2	-13	0	-14	0	0	0	558	0	0	2	0	2	0	0
1700	689	0	682	0	687	0	682	0	320	2	320	2	2	0	0	0	0	0	538	0	0	2	0	2	0	0
1800	682	0	675	0	678	0	671	0	320	2	320	2	-4	0	-5	0	0	0	536	0	0	2	0	2	0	0
1900	690	0	680	0	678	0	671	0	320	2	320	2	-9	0	-5	0	0	0	532	0	0	2	0	2	0	0
2000	686	0	0	2	0	2	0	2	320	2	320	2	-11	0	0	2	0	2	0	2	0	2	0	2	0	2
2100	686	0	0	2	0	2	0	2	320	2	320	2	-8	0	0	2	0	2	0	2	0	2	0	2	0	2
2200	686	0	0	2	0	2	0	2	320	2	320	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2
2300	686	0	0	2	0	2	0	2	320	2	320	2	-9	0	0	2	0	2	0	2	0	2	0	2	0	2
2400	686	0	0	2	0	2	0	2	320	2	320	2	-9	0	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX 150B S	WIND DIR3	MIN 150A S	MAX 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	0 2	0 2	136 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	119 0	104 131	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
200	0 2	0 2	121 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	118 0	106 127	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
300	0 2	0 2	119 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	106 0	98 110	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
400	0 2	0 2	115 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	117 0	104 132	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
500	0 2	0 2	152 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	119 0	106 129	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
600	0 2	0 2	138 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	145 0	136 160	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
700	0 2	0 2	146 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	131 0	120 144	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
800	0 2	0 2	159 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	142 0	124 152	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
900	0 2	0 2	132 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	143 0	131 155	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1000	0 2	0 2	82 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	93 0	86 105	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1100	0 2	0 2	42 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	79 0	68 90	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1200	0 2	0 2	86 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	75 0	65 84	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1300	0 2	0 2	94 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	82 0	73 92	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1400	0 2	0 2	142 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	88 0	81 96	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1500	0 2	0 2	146 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	83 0	74 97	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1600	0 2	0 2	115 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	81 0	71 92	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1700	0 2	0 2	167 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	79 0	74 91	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1800	0 2	0 2	177 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	82 0	75 90	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
1900	0 2	0 2	184 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	84 0	77 95	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
2000	0 2	0 2	146 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	84 0	74 91	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
2100	0 2	0 2	119 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	79 0	69 90	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
2200	0 2	0 2	109 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	72 0	62 80	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
2300	0 2	0 2	113 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	75 0	63 86	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2
2400	0 2	0 2	109 0	0 2	0 2	0 2	0 2	0 0	0 0	0 2	0 0	0 0	69 0	62 82	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	2

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A S	30	B S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S				
100	696	0	0	2	0	2	0	2	320	2	320	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	0	2
200	693	0	0	2	0	2	0	2	320	2	320	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	0	2
300	673	0	0	2	0	2	0	2	320	2	320	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	0	2
400	656	0	0	2	0	2	0	2	320	2	320	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	0	2
500	649	0	0	2	0	2	0	2	320	2	320	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	0	2
600	649	0	0	2	0	2	0	2	320	2	320	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	0	2
700	649	0	0	2	0	2	0	2	320	2	320	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	0	2
800	662	0	0	2	0	2	0	2	320	2	320	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	0	2
900	662	0	0	2	0	2	0	2	320	2	320	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	0	2
1000	679	0	0	2	0	2	0	2	320	2	320	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	0	2
1100	673	0	0	2	0	2	0	2	320	2	320	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	0	2
1200	669	0	0	2	0	2	0	2	320	2	320	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	0	2
1300	683	0	0	2	0	2	0	2	320	2	320	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	0	2
1400	676	0	0	2	0	2	0	2	320	2	320	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	0	2
1500	669	0	0	2	0	2	0	2	320	2	320	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	0	2
1600	673	0	0	2	0	2	0	2	320	2	320	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	0	2
1700	656	0	0	2	0	2	0	2	320	2	320	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	0	2
1800	649	0	0	2	0	2	0	2	320	2	320	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	0	2
1900	639	0	0	2	0	2	0	2	320	2	320	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	0	2
2000	639	0	0	2	0	2	0	2	320	2	320	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	0	2
2100	639	0	0	2	0	2	0	2	320	2	320	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	0	2
2200	635	0	0	2	0	2	0	2	320	2	320	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	0	2
2300	628	0	0	2	0	2	0	2	320	2	320	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	0	2
2400	622	0	0	2	0	2	0	2	320	2	320	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	0	2

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

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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX 80		WIND DIR2		MIN 150A		MAX 150B		WIND DIR3		MIN 150A		MAX 150B		WIND DIR4		MIN 5		MAX 8		WIND DIR5		MIN 5		MAX 8		WIND DIR6		MIN 5		MAX 8	
	50	80	50	80	150A	150B	50	80	50	80	50	80	50	80	50	80	50	80	150A	150B	50	80	150A	150B	50	80	150A	150B	50	80	150A	150B	50	80	150A	150B	50	80	150A	150B	50	80	150A	150B				
100	0	2	0	2	121	0	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	75	0	64	88	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2		
200	0	2	0	2	113	0	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	77	0	60	91	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2		
300	0	2	0	2	105	0	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	78	0	64	83	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2		
400	0	2	0	2	96	0	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	62	0	53	73	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2		
500	0	2	0	2	100	0	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	55	0	46	66	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2		
600	0	2	0	2	100	0	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	60	0	53	69	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2		
700	81	0	82	0	114	0	134	0	0	0	0	0	74	0	102	47	76	0	128	10	70	0	87	45	68	0	88	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	91	0	102	0	120	0	136	0	0	0	0	0	75	0	105	50	80	0	126	35	75	0	91	58	73	0	110	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	85	0	92	0	115	0	133	0	0	0	0	0	73	0	108	36	76	0	147	35	75	0	91	59	73	0	102	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	107	0	110	0	145	0	145	0	0	0	0	0	81	0	111	47	86	0	132	43	83	0	101	70	81	0	104	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1100	81	0	97	0	112	0	132	0	0	0	0	0	68	0	127	28	73	0	149	12	73	0	136	48	71	0	160	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1200	108	0	111	0	149	0	138	0	0	0	0	0	18	0	65	325	17	0	74	286	22	0	53	351	10	0	55	328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	85	0	84	0	138	0	141	0	0	0	0	0	14	0	63	328	20	0	106	307	14	0	47	335	3	0	38	289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1400	122	0	122	0	171	0	172	0	0	0	0	0	22	0	65	353	20	0	84	332	20	0	34	0	8	0	28	342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	127	0	122	0	175	0	167	0	0	0	0	0	22	0	63	349	23	0	80	331	21	0	65	1	8	0	43	331	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	108	0	115	0	148	0	154	0	0	0	0	0	22	0	71	333	24	0	106	329	17	0	34	349	6	0	37	333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	107	0	105	0	148	0	130	0	0	0	0	0	24	0	66	343	21	0	80	328	21	0	54	351	10	0	45	331	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	111	0	119	0	143	0	146	0	0	0	0	0	30	0	54	4	34	0	103	353	27	0	47	354	19	0	48	342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	102	0	105	0	141	0	141	0	0	0	0	0	31	0	77	5	33	0	84	353	30	0	48	16	22	0	43	354	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	91	0	97	0	139	0	142	0	0	0	0	0	29	0	55	11	31	0	81	355	30	0	44	21	22	0	48	359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	81	0	82	0	122	0	135	0	0	0	0	0	37	0	61	14	40	0	80	353	37	0	65	24	31	0	54	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2200	52	0	71	0	80	0	109	0	0	0	0	0	51	0	65	31	53	0	81	37	51	0	53	46	46	0	54	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2300	50	0	54	0	106	0	117	0	0	0	0	0	80	0	94	59	86	0	107	60	78	0	87	72	76	0	84	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2400	78	0	81	0	136	0	145	0	0	0	0	0	93	0	100	85	102	0	125	83	96	0	97	95	97	0	99	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AMB. TEM1	AMB. TEM2	AMB. TEM3	AMB. TEM4	AMB. TEM5	AMB. TEMP6	D.T. 1	D.T. 2	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	RAIN S
100	622 0	0 2	0 2	0 2	320 2	320 2	-8 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
200	601 0	0 2	0 2	0 2	320 2	320 2	-8 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
300	608 0	0 2	0 2	0 2	320 2	320 2	-8 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
400	608 0	0 2	0 2	0 2	320 2	320 2	-6 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
500	605 0	0 2	0 2	0 2	320 2	320 2	2 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
600	601 0	0 2	0 2	0 2	320 2	320 2	9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
700	583 0	575 0	574 0	547 0	320 2	320 2	-11 0	-11 0	0 0	0 0	484 0	0 2	0 2	0 2	0 2	0 2	0 0
800	617 0	612 0	595 0	590 0	320 2	320 2	-22 0	-22 0	0 0	0 0	511 0	0 2	0 2	0 2	0 2	0 2	0 0
900	651 0	645 0	628 0	612 0	320 2	320 2	-23 0	-25 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	0 0
1000	684 0	680 0	660 0	635 0	320 2	320 2	-20 0	-23 0	0 0	0 0	552 0	0 2	0 2	0 2	0 2	0 2	0 0
1100	716 0	712 0	687 0	662 0	320 2	320 2	-27 0	-31 0	0 0	0 0	581 0	0 2	0 2	0 2	0 2	0 2	0 0
1200	691 0	682 0	655 0	649 0	320 2	320 2	-23 0	-27 0	0 0	0 0	563 0	0 2	0 2	0 2	0 2	0 2	0 0
1300	685 0	654 0	649 0	644 0	320 2	320 2	-36 0	-40 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	0 0
1400	682 0	574 0	648 0	642 0	320 2	320 2	-29 0	-32 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 0
1500	687 0	650 0	651 0	646 0	320 2	320 2	-29 0	-31 0	0 0	0 0	540 0	0 2	0 2	0 2	0 2	0 2	0 0
1600	682 0	674 0	655 0	649 0	320 2	320 2	-25 0	-27 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 0
1700	696 0	691 0	662 0	657 0	320 2	320 2	-23 0	-25 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 0
1800	680 0	675 0	658 0	653 0	320 2	320 2	-20 0	-22 0	0 0	0 0	554 0	0 2	0 2	0 2	0 2	0 2	0 0
1900	667 0	662 0	657 0	649 0	320 2	320 2	-11 0	-11 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 0
2000	655 0	645 0	653 0	648 0	320 2	320 2	0 0	0 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 0
2100	649 0	642 0	653 0	648 0	320 2	320 2	4 0	5 0	0 0	0 0	516 0	0 2	0 2	0 2	0 2	0 2	0 0
2200	631 0	624 0	655 0	649 0	320 2	320 2	22 0	22 0	0 0	0 0	511 0	0 2	0 2	0 2	0 2	0 2	0 0
2300	622 0	613 0	682 0	676 0	320 2	320 2	61 0	63 0	0 0	0 0	502 0	0 2	0 2	0 2	0 2	0 2	0 0
2400	624 0	619 0	696 0	691 0	320 2	320 2	72 0	72 0	0 0	0 0	502 0	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	50	A	S	50	B	S	150A	S	150B	S		50	A	S		50	A	S		50	B	S		50	B	S		150A	S		150B	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

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	B RAIN S
100	610 0	603 0	666 0	650 0	320 2	320 2	56 0	56 0	0 0	0 0	496 0	0 2	0 2	0 2	0 2	0 2	0 0
200	610 0	603 0	642 0	635 0	320 2	320 2	32 0	32 0	0 0	0 0	495 0	0 2	0 2	0 2	0 2	0 2	0 0
300	586 0	581 0	633 0	628 0	320 2	320 2	47 0	49 0	0 0	0 0	484 0	0 2	0 2	0 2	0 2	0 2	0 0
400	579 0	574 0	621 0	615 0	320 2	320 2	41 0	41 0	0 0	0 0	480 0	0 2	0 2	0 2	0 2	0 2	0 0
500	570 0	565 0	621 0	617 0	320 2	320 2	52 0	52 0	0 0	0 0	475 0	0 2	0 2	0 2	0 2	0 2	0 0
600	563 0	556 0	595 0	590 0	320 2	320 2	34 0	34 0	0 0	0 0	469 0	0 2	0 2	0 2	0 2	0 2	0 0
700	577 0	570 0	603 0	597 0	320 2	320 2	31 0	31 0	0 0	0 0	482 0	0 2	0 2	0 2	0 2	0 2	0 0
800	636 0	624 0	610 0	606 0	320 2	320 2	-13 0	-14 0	0 0	0 0	507 0	0 2	0 2	0 2	0 2	0 2	0 0
900	669 0	654 0	651 0	646 0	320 2	320 2	-16 0	-18 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 0
1000	705 0	700 0	673 0	669 0	320 2	320 2	-20 0	-23 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	0 0
1100	723 0	721 0	693 0	689 0	320 2	320 2	-29 0	-32 0	0 0	0 0	586 0	0 2	0 2	0 2	0 2	0 2	0 0
1200	747 0	741 0	707 0	702 0	320 2	320 2	-32 0	-38 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	0 0
1300	761 0	759 0	723 0	719 0	320 2	320 2	-34 0	-40 0	0 0	0 0	581 0	0 2	0 2	0 2	0 2	0 2	0 0
1400	785 0	777 0	752 0	745 0	320 2	320 2	-25 0	-27 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	0 0
1500	736 0	732 0	703 0	698 0	320 2	320 2	-32 0	-36 0	0 0	0 0	572 0	0 2	0 2	0 2	0 2	0 2	0 0
1600	702 0	696 0	675 0	669 0	320 2	320 2	-23 0	-27 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	0 0
1700	702 0	696 0	678 0	673 0	320 2	320 2	-22 0	-25 0	0 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	0 0
1800	691 0	682 0	671 0	666 0	320 2	320 2	-14 0	-18 0	0 0	0 0	554 0	0 2	0 2	0 2	0 2	0 2	0 0
1900	689 0	684 0	676 0	671 0	320 2	320 2	-11 0	-13 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	0 0
2000	648 0	640 0	666 0	658 0	320 2	320 2	18 0	18 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 0
2100	630 0	621 0	651 0	646 0	320 2	320 2	22 0	23 0	0 0	0 0	505 0	0 2	0 2	0 2	0 2	0 2	0 0
2200	622 0	612 0	642 0	635 0	320 2	320 2	20 0	22 0	0 0	0 0	500 0	0 2	0 2	0 2	0 2	0 2	0 0
2300	610 0	603 0	637 0	631 0	320 2	320 2	29 0	31 0	0 0	0 0	493 0	0 2	0 2	0 2	0 2	0 2	0 0
2400	599 0	592 0	651 0	646 0	320 2	320 2	52 0	52 0	0 0	0 0	489 0	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.

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	150A	S	S	150A	S	S	150B	S	S	S	S	S	S	S	S	S	S	S	
100	84	0	81	0	150	0	159	0	0 0	0 0	0 0	117	0	128	109	126	0	131	123	124	0	144	52	137	0	143	130	0 0	0 0	0 0	0 0	0 0	0 0	
200	65	0	66	0	150	0	159	0	0 0	0 0	0 0	124	0	172	86	134	0	152	117	157	0	160	130	158	0	160	156	0 0	0 0	0 0	0 0	0 0	0 0	
300	72	0	66	0	171	0	168	0	0 0	0 0	0 0	140	0	179	93	145	0	167	115	165	0	168	160	166	0	167	164	0 0	0 0	0 0	0 0	0 0	0 0	
400	69	0	69	0	183	0	181	0	0 0	0 0	0 0	133	0	173	77	145	0	171	117	165	0	179	146	165	0	169	160	0 0	0 0	0 0	0 0	0 0	0 0	
500	63	0	58	0	164	0	169	0	0 0	0 0	0 0	124	0	168	75	133	0	155	110	161	0	190	158	161	0	166	159	0 0	0 0	0 0	0 0	0 0	0 0	
600	58	0	59	0	163	0	161	0	0 0	0 0	0 0	126	0	170	90	135	0	171	116	164	0	167	160	164	0	166	162	0 0	0 0	0 0	0 0	0 0	0 0	
700	55	0	60	0	132	0	132	0	0 0	0 0	0 0	119	0	162	83	128	0	157	106	158	0	185	140	158	0	167	148	0 0	0 0	0 0	0 0	0 0	0 0	
800	49	0	54	0	99	0	101	0	0 0	0 0	0 0	125	0	173	16	130	0	173	79	158	0	182	123	161	0	180	126	0 0	0 0	0 0	0 0	0 0	0 0	
900	43	0	50	0	81	0	82	0	0 0	0 0	0 0	114	0	156	7	133	0	173	60	163	0	182	132	167	0	186	141	0 0	0 0	0 0	0 0	0 0	0 0	
1000	28	0	35	0	51	0	53	0	0 0	0 0	0 0	90	3	161	0	166	0	266	102	176	0	253	97	174	0	262	97	0 0	0 0	0 0	0 0	0 0	0 0	
1100	57	0	63	0	63	0	74	0	0 0	0 0	0 0	259	0	302	214	261	0	299	237	260	0	275	233	255	0	276	203	0 0	0 0	0 0	0 0	0 0	0 0	
1200	51	0	52	0	65	0	77	0	0 0	0 0	0 0	287	0	334	239	288	0	354	240	297	0	301	284	291	0	299	282	0 0	0 0	0 0	0 0	0 0	0 0	
1300	55	0	60	0	72	0	78	0	0 0	0 0	0 0	320	0	9	278	320	0	62	280	331	0	351	313	323	0	4	290	0 0	0 0	0 0	0 0	0 0	0 0	
1400	65	0	67	0	93	0	91	0	0 0	0 0	0 0	345	0	41	298	347	0	104	305	350	0	22	335	346	0	14	324	0 0	0 0	0 0	0 0	0 0	0 0	
1500	65	0	68	0	92	0	94	0	0 0	0 0	0 0	341	0	55	289	341	0	104	282	357	0	47	332	351	0	71	292	0 0	0 0	0 0	0 0	0 0	0 0	
1600	68	0	74	0	92	0	98	0	0 0	0 0	0 0	24	0	77	347	27	0	107	307	15	0	60	300	5	0	63	303	0 0	0 0	0 0	0 0	0 0	0 0	
1700	71	0	75	0	93	0	98	0	0 0	0 0	0 0	19	0	70	308	19	0	124	302	16	0	34	337	5	0	34	327	0 0	0 0	0 0	0 0	0 0	0 0	
1800	78	0	83	0	98	0	100	0	0 0	0 0	0 0	29	0	77	4	30	0	84	12	29	0	41	21	23	0	51	352	0 0	0 0	0 0	0 0	0 0	0 0	
1900	64	0	74	0	89	0	97	0	0 0	0 0	0 0	40	0	60	21	42	0	84	353	43	0	59	29	37	0	55	20	0 0	0 0	0 0	0 0	0 0	0 0	
2000	53	0	62	0	79	0	92	0	0 0	0 0	0 0	67	0	88	44	71	0	107	41	68	0	85	57	66	0	86	54	0 0	0 0	0 0	0 0	0 0	0 0	
2100	56	0	60	0	86	0	98	0	0 0	0 0	0 0	89	0	109	75	91	0	111	37	76	0	88	69	74	0	94	65	0 0	0 0	0 0	0 0	0 0	0 0	
2200	72	0	74	0	133	0	141	0	0 0	0 0	0 0	100	0	116	84	107	0	128	82	80	0	87	75	78	0	86	74	0 0	0 0	0 0	0 0	0 0	0 0	
2300	71	0	75	0	116	0	123	0	0 0	0 0	0 0	106	0	110	101	113	0	127	104	90	0	95	87	89	0	96	82	0 0	0 0	0 0	0 0	0 0	0 0	
2400	52	0	54	0	85	0	93	0	0 0	0 0	0 0	123	0	132	110	129	0	159	124	91	0	110	75	123	0	136	110	0 0	0 0	0 0	0 0	0 0	0 0	

	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	595 0	585 0	655 0	649 0	320 2	320 2	61 0	59 0	0 0	0 0	487 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	595 0	585 0	646 0	640 0	320 2	320 2	52 0	52 0	0 0	0 0	487 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	592 0	585 0	642 0	635 0	320 2	320 2	50 0	50 0	0 0	0 0	486 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	592 0	585 0	640 0	633 0	320 2	320 2	50 0	50 0	0 0	0 0	486 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	577 0	562 0	628 0	621 0	320 2	320 2	52 0	54 0	0 0	0 0	477 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	574 0	567 0	624 0	619 0	320 2	320 2	52 0	52 0	0 0	0 0	478 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	603 0	595 0	615 0	610 0	320 2	320 2	16 0	14 0	0 0	0 0	496 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	664 0	660 0	639 0	633 0	320 2	320 2	-23 0	-25 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	723 0	718 0	691 0	687 0	320 2	320 2	-31 0	-32 0	0 0	0 0	581 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	766 0	763 0	730 0	727 0	320 2	320 2	-34 0	-34 0	0 0	0 0	615 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	736 0	730 0	727 0	723 0	320 2	320 2	-7 0	-7 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	745 0	741 0	714 0	711 0	320 2	320 2	-31 0	-31 0	0 0	0 0	603 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	775 0	772 0	714 0	711 0	320 2	320 2	-59 0	-59 0	0 0	0 0	590 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	748 0	745 0	711 0	703 0	320 2	320 2	-34 0	-36 0	0 0	0 0	588 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	752 0	745 0	712 0	707 0	320 2	320 2	-38 0	-40 0	0 0	0 0	577 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	759 0	755 0	725 0	718 0	320 2	320 2	-32 0	-36 0	0 0	0 0	588 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	750 0	745 0	723 0	715 0	320 2	320 2	-27 0	-31 0	0 0	0 0	586 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	741 0	735 0	721 0	716 0	320 2	320 2	-18 0	-22 0	0 0	0 0	586 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	730 0	725 0	718 0	712 0	320 2	320 2	-13 0	-14 0	0 0	0 0	581 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	687 0	680 0	709 0	702 0	320 2	320 2	25 0	25 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	669 0	662 0	682 0	676 0	320 2	320 2	14 0	16 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	658 0	645 0	696 0	691 0	320 2	320 2	41 0	41 0	0 0	0 0	518 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	642 0	633 0	689 0	634 0	320 2	320 2	47 0	49 0	0 0	0 0	513 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	642 0	635 0	667 0	662 0	320 2	320 2	27 0	27 0	0 0	0 0	509 0	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	I	S	150A	S	150B	S		S	50	A	S		S	50	A	S		50	B	S		S	150A	B		S	150B	B		S	150B	B		S	150B	B		S	150B	B		S	150B	B			
100	56	0		50	0		72	0	59	0		0	0		0	0	127	0	137	119		136	0	148	127		185	0	214	162		185	0	214	161		0	0		0	0		0	0		0	0				
200	64	0		57	0		66	0	45	0		0	0		0	0	150	0	162	143		154	0	171	149		191	0	213	182		189	0	213	179		0	0		0	0		0	0		0	0				
300	76	0		81	0		82	0	70	0		0	0		0	0	161	0	181	146		167	0	195	124		181	0	186	175		179	0	184	173		0	0		0	0		0	0		0	0				
400	64	0		72	0		107	0	99	0		0	0		0	0	145	0	167	125		151	0	171	126		173	0	179	169		172	0	177	167		0	0		0	0		0	0		0	0				
500	58	0		61	0		132	0	144	0		0	0		0	0	125	0	136	112		135	0	151	105		159	0	160	156		159	0	160	157		0	0		0	0		0	0		0	0				
600	74	0		85	0		152	0	139	0		0	0		0	0	123	0	132	111		131	0	150	105		149	0	153	147		151	0	155	149		0	0		0	0		0	0		0	0				
700	58	0		61	0		145	0	161	0		0	0		0	0	120	0	142	98		128	0	151	79		153	0	159	148		155	0	172	145		0	0		0	0		0	0		0	0				
800	66	0		72	0		114	0	128	0		0	0		0	0	115	0	148	83		124	0	165	80		137	0	151	100		143	0	155	127		0	0		0	0		0	0		0	0				
900	90	0		97	0		101	0	118	0		0	0		0	0	117	0	136	93		126	0	151	83		109	0	137	89		132	0	142	107		0	0		0	0		0	0		0	0				
1000	62	0		65	0		94	0	103	0		0	0		0	0	117	0	160	18		130	0	174	79		136	0	172	98		147	0	173	122		0	0		0	0		0	0		0	0				
1100	67	0		71	0		119	0	116	0		0	0		0	0	120	0	158	0		151	0	212	100		164	0	181	147		167	0	185	135		0	0		0	0		0	0		0	0				
1200	55	0		55	0		104	0	94	0		0	0		0	0	154	0	267	95		162	0	260	100		169	0	214	117		170	0	224	90		0	0		0	0		0	0		0	0				
1300	60	0		62	0		113	0	79	0		0	0		0	0	180	0	269	94		186	0	262	103		191	0	211	161		188	0	219	158		0	0		0	0		0	0		0	0				
1400	50	0		53	0		97	0	73	0		0	0		0	0	252	0	356	184		200	0	260	124		198	0	244	146		195	0	241	135		0	0		0	0		0	0		0	0				
1500	29	0		34	0		64	0	50	0		0	0		0	0	204	3	269	98		198	0	265	103		197	0	227	159		193	0	223	160		0	0		0	0		0	0		0	0				
1600	25	0		27	0		55	0	44	0		0	0		0	0	231	0	336	191		219	3	264	147		204	0	241	165		201	0	233	165		0	0		0	0		0	0		0	0				
1700	62	0		66	0		94	0	107	0		0	0		0	0	258	0	287	241		260	0	306	238		278	0	290	267		272	0	285	254		0	0		0	0		0	0		0	0				
1800	89	0		97	0		115	0	129	0		0	0		0	0	246	0	271	228		251	0	317	219		252	0	262	240		247	0	267	231		0	0		0	0		0	0		0	0				
1900	56	0		63	0		84	0	95	0		0	0		0	0	255	0	276	226		257	0	283	237		269	0	281	260		263	0	279	250		0	0		0	0		0	0		0	0				
2000	59	0		59	0		99	0	114	0		0	0		0	0	225	0	273	184		228	0	264	194		229	0	245	219		225	0	239	206		0	0		0	0		0	0		0	0				
2100	31	0		39	0		77	0	79	0		0	0		0	0	130	0	160	104		139	0	171	79		165	0	181	155		167	0	186	156		0	0		0	0		0	0		0	0				
2200	47	0		55	0		103	0	113	0		0	0		0	0	130	0	171	93		135	0	173	88		154	0	161	135		156	0	166	142		0	0		0	0		0	0		0	0				
2300	56	0		60	0		86	0	98	0		0	0		0	0	115	0	139	100		125	0	150	82		138	0	152	114		143	0	158	129		0	0		0	0		0	0		0	0				
2400	51	0		55	0		102	0	110	0		0	0		0	0	130	0	255	91		132	0	173	79		151	0	177	117		153	0	181	132		0	0		0	0		0	0		0	0				

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		...		RAIN			
	30 A	S	30 B	S	180A	B	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100	633	0	626	0	700	0	693	0	320	2	320	2	67	0	67	0	0	0	0	0	507	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	631	0	624	0	711	0	703	0	320	2	320	2	79	0	77	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	626	0	621	0	712	0	707	0	320	2	320	2	86	0	86	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	608	0	601	0	702	0	694	0	320	2	320	2	95	0	94	0	0	0	0	0	498	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	579	0	572	0	682	0	676	0	320	2	320	2	104	0	104	0	0	0	0	0	484	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	586	0	581	0	649	0	642	0	320	2	320	2	63	0	61	0	0	0	0	0	486	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	608	0	603	0	644	0	639	0	320	2	320	2	36	0	36	0	0	0	0	0	500	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	662	0	658	0	660	0	655	0	320	2	320	2	-2	0	-4	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	705	0	702	0	698	0	691	0	320	2	320	2	-7	0	-9	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	759	0	756	0	741	0	736	0	320	2	320	2	-18	0	-20	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	799	0	795	0	766	0	763	0	320	2	320	2	-32	0	-34	0	0	0	0	0	617	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	799	0	795	0	768	0	763	0	320	2	320	2	-31	0	-32	0	0	0	0	0	617	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	797	0	792	0	768	0	763	0	320	2	320	2	-29	0	-29	0	0	0	0	0	613	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	790	0	784	0	766	0	761	0	320	2	320	2	-22	0	-22	0	0	0	0	0	606	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	777	0	774	0	765	0	757	0	320	2	320	2	-14	0	-16	0	0	0	0	0	590	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	765	0	761	0	761	0	756	0	320	2	320	2	-5	0	-5	0	0	0	0	0	586	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	705	0	698	0	707	0	700	0	320	2	320	2	4	0	2	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	676	0	673	0	676	0	669	0	320	2	320	2	2	0	-2	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	666	0	660	0	671	0	666	0	320	2	320	2	7	0	5	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	664	0	657	0	669	0	664	0	320	2	320	2	7	0	5	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	667	0	660	0	675	0	669	0	320	2	320	2	9	0	9	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	667	0	662	0	667	0	662	0	320	2	320	2	0	0	0	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	666	0	658	0	666	0	660	0	320	2	320	2	0	0	0	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	669	0	664	0	669	0	664	0	320	2	320	2	2	0	0	0	0	0	0	0	525	0	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 DEGREE, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S 50 A S	WIND SPD6 S 50 A S	WIND DIR1	MIN 50 B S	MAX 50 B S	WIND DIR2	MIN 150A S	MAX 150A S	WIND DIR3	MIN 150B S	MAX 150B S	WIND DIR4	MIN MAX S	WIND DIR5	MIN MAX S	WIND DIR6	MIN MAX S
100	37 0	43 0	89 0	83 0	0 0	0 0	134 0	217	94	163 0	216	102	175 0	191	164	174 0	197	153	0 0	0 0	0 0
200	47 0	52 0	115 0	120 0	0 0	0 0	133 0	173	87	145 0	238	102	163 0	175	152	164 0	175	146	0 0	0 0	0 0
300	49 0	53 0	117 0	104 0	0 0	0 0	154 0	220	97	162 0	240	104	178 0	194	159	177 0	193	149	0 0	0 0	0 0
400	29 0	33 0	88 0	60 0	0 0	0 0	183 3	274	100	185 0	259	124	196 0	211	177	192 0	211	155	0 0	0 0	0 0
500	54 0	60 0	124 0	92 0	0 0	0 0	168 0	250	106	179 0	264	98	187 0	200	137	185 0	211	143	0 0	0 0	0 0
600	69 0	75 0	129 0	139 0	0 0	0 0	134 0	208	91	143 0	237	102	152 0	180	123	154 0	186	126	0 0	0 0	0 0
700	72 0	78 0	138 0	150 0	0 0	0 0	137 0	205	93	145 0	238	96	154 0	176	126	156 0	189	134	0 0	0 0	0 0
800	85 0	87 0	167 0	161 0	0 0	0 0	153 0	221	103	157 0	218	103	164 0	183	138	166 0	186	136	0 0	0 0	0 0
900	82 0	91 0	154 0	146 0	0 0	0 0	146 0	213	98	150 0	239	102	165 0	182	149	167 0	214	138	0 0	0 0	0 0
1000	61 0	63 0	113 0	80 0	0 0	0 0	177 0	268	94	184 0	268	99	190 0	222	159	188 0	237	156	0 0	0 0	0 0
1100	73 0	78 0	109 0	124 0	0 0	0 0	242 0	275	209	244 0	296	214	248 0	274	217	242 0	268	213	0 0	0 0	0 0
1200	85 0	91 0	121 0	136 0	0 0	0 0	242 0	276	203	235 0	304	196	255 0	268	241	249 0	260	231	0 0	0 0	0 0
1300	69 0	72 0	81 0	87 0	0 0	0 0	248 0	286	216	251 0	286	214	242 0	264	216	237 0	274	204	0 0	0 0	0 0
1400	79 0	85 0	96 0	110 0	0 0	0 0	240 0	290	216	231 0	286	194	250 0	267	238	244 0	290	224	0 0	0 0	0 0
1500	58 0	56 0	104 0	86 0	0 0	0 0	172 0	266	95	175 0	272	104	177 0	208	131	177 0	209	141	0 0	0 0	0 0
1600	66 0	50 0	118 0	66 0	0 0	0 0	204 0	267	92	202 0	264	103	200 0	236	168	194 0	224	152	0 0	0 0	0 0
1700	76 0	69 0	156 0	115 0	0 0	0 0	260 0	349	186	188 0	265	102	196 0	219	118	193 0	237	159	0 0	0 0	0 0
1800	80 0	72 0	176 0	118 0	0 0	0 0	262 0	356	194	194 0	264	102	196 0	212	178	193 0	209	167	0 0	0 0	0 0
1900	69 0	65 0	132 0	96 0	0 0	0 0	251 0	358	187	194 0	260	128	196 0	216	163	193 0	220	153	0 0	0 0	0 0
2000	81 0	83 0	166 0	125 0	0 0	0 0	176 0	262	106	181 0	258	102	185 0	212	147	184 0	214	135	0 0	0 0	0 0
2100	82 0	84 0	166 0	136 0	0 0	0 0	167 0	237	104	176 0	264	102	181 0	200	161	179 0	201	157	0 0	0 0	0 0
2200	81 0	81 0	169 0	125 0	0 0	0 0	181 0	263	92	181 0	264	102	191 0	214	150	198 0	212	150	0 0	0 0	0 0
2300	79 0	84 0	154 0	123 0	0 0	0 0	172 0	240	121	173 0	262	105	183 0	205	157	181 0	217	156	0 0	0 0	0 0
2400	99 0	93 0	176 0	134 0	0 0	0 0	171 0	249	128	178 0	261	103	182 0	201	159	182 0	204	154	0 0	0 0	0 0

	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	S RAIN S
100	667 0	660 0	667 0	660 0	320 2	320 2	2 0	0 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	667 0	664 0	675 0	669 0	320 2	320 2	7 0	7 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	673 0	667 0	673 0	667 0	320 2	320 2	2 0	2 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	676 0	671 0	676 0	669 0	320 2	320 2	0 0	0 0	0 0	0 0	531 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	669 0	666 0	673 0	666 0	320 2	320 2	4 0	4 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	667 0	662 0	664 0	658 0	320 2	320 2	2 0	-2 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	666 0	660 0	666 0	660 0	320 2	320 2	0 0	0 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	676 0	673 0	675 0	669 0	320 2	320 2	2 0	-4 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	676 0	671 0	673 0	666 0	320 2	320 2	-7 0	-7 0	0 0	0 0	514 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	694 0	664 0	682 0	676 0	320 2	320 2	-7 0	-7 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	687 0	684 0	678 0	671 0	320 2	320 2	-9 0	-11 0	0 0	0 0	545 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	696 0	669 0	680 0	675 0	320 2	320 2	-14 0	-14 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	738 0	734 0	721 0	716 0	320 2	320 2	-14 0	-14 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	748 0	743 0	730 0	727 0	320 2	320 2	-16 0	-14 0	0 0	0 0	590 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	795 0	766 0	761 0	756 0	320 2	320 2	-27 0	-29 0	0 0	0 0	603 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	788 0	783 0	761 0	756 0	320 2	320 2	-27 0	-27 0	0 0	0 0	604 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	772 0	762 0	754 0	748 0	320 2	320 2	-18 0	-18 0	0 0	0 0	592 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	741 0	736 0	727 0	721 0	320 2	320 2	-13 0	-14 0	0 0	0 0	576 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	723 0	716 0	714 0	709 0	320 2	320 2	-9 0	-9 0	0 0	0 0	563 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	703 0	696 0	696 0	691 0	320 2	320 2	-5 0	-5 0	0 0	0 0	547 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	693 0	687 0	685 0	678 0	320 2	320 2	-7 0	-7 0	0 0	0 0	543 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	682 0	676 0	675 0	669 0	320 2	320 2	-7 0	-7 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	671 0	666 0	664 0	658 0	320 2	320 2	-7 0	-7 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	666 0	658 0	657 0	651 0	320 2	320 2	-7 0	-7 0	0 0	0 0	527 0	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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 A S	MAX 50 B S	WIND DIR2	MIN 150A S	MAX 150B S	WIND DIR3	MIN 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	78 0	81 0	161 0	139 0	0 0	0 0	167 0	238 93	168 0	238 104	176 0	203 140	175 0	204 145	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	92 0	85 0	180 0	126 0	0 0	0 0	187 0	251 106	187 0	261 103	194 0	239 159	191 0	225 152	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	78 0	73 0	136 0	109 0	0 0	0 0	202 0	266 105	205 0	264 102	204 0	228 151	201 0	242 151	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	56 0	55 0	117 0	89 0	0 0	0 0	196 0	261 122	204 0	264 103	203 0	221 173	200 0	231 164	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	63 0	55 0	119 0	105 0	0 0	0 0	204 0	255 94	209 0	264 124	210 0	224 182	207 0	232 178	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	78 0	73 0	128 0	125 0	0 0	0 0	218 0	250 175	219 0	261 170	218 0	237 206	215 0	233 183	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	79 0	75 0	127 0	128 0	0 0	0 0	216 0	259 147	222 0	264 151	219 0	240 206	217 0	240 194	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	36 0	35 0	66 0	51 0	0 0	0 0	186 0	261 99	189 0	262 121	194 0	227 147	190 0	229 153	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	65 0	59 0	111 0	86 0	0 0	0 0	208 0	264 95	209 0	263 128	216 0	257 190	212 0	246 180	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	75 0	67 0	109 0	102 0	0 0	0 0	237 0	346 194	229 0	286 192	225 0	257 204	220 0	245 194	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	76 0	77 0	97 0	110 0	0 0	0 0	239 0	316 197	240 0	310 193	239 0	266 217	233 0	262 208	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	59 0	50 0	80 0	84 0	0 0	0 0	242 0	341 203	241 0	330 189	230 0	260 192	226 0	261 186	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	93 0	91 0	92 0	105 0	0 0	0 0	241 0	283 204	244 0	282 213	241 0	266 215	236 0	271 200	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	70 0	76 0	101 0	115 0	0 0	0 0	246 0	278 212	247 0	288 213	254 0	280 236	248 0	288 226	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	63 0	69 0	94 0	106 0	0 0	0 0	243 0	274 214	244 0	344 195	254 0	269 239	247 0	265 231	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	45 0	49 0	63 0	66 0	0 0	0 0	243 0	283 187	247 0	303 198	236 0	256 213	230 0	269 197	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	38 0	42 0	42 0	51 0	0 0	0 0	248 0	278 206	246 0	285 196	254 0	275 230	247 0	274 212	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	41 0	41 0	96 0	67 0	0 0	0 0	197 0	261 94	198 0	265 103	199 0	217 174	194 0	220 173	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	60 0	56 0	109 0	96 0	0 0	0 0	239 0	337 195	212 0	265 105	214 0	267 181	210 0	253 164	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	50 0	44 0	105 0	79 0	0 0	0 0	244 0	355 184	206 0	261 126	206 0	233 189	202 0	227 171	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	92 0	95 0	141 0	152 0	0 0	0 0	235 0	340 201	238 0	283 193	232 0	249 211	224 0	248 197	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	104 0	106 0	157 0	178 0	0 0	0 0	240 0	266 210	241 0	282 196	243 0	254 236	237 0	247 226	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	101 0	106 0	163 0	164 0	0 0	0 0	238 0	275 207	244 0	286 214	247 0	255 237	238 0	251 224	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	106 0	110 0	157 0	177 0	0 0	0 0	236 0	259 201	239 0	264 192	244 0	257 227	238 0	253 215	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S	
	30	A S	30	B S	180A	B	180B	S		S	180A	B	180B	S		S		S		S		S		S		S		S		S		S		S		S
100	662	0	657	0	655	0	649	0	320	2	320	2	-7	0	-7	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	667	0	664	0	655	0	649	0	320	2	320	2	-7	0	-7	0	0	0	0	0	523	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	664	0	658	0	657	0	651	0	320	2	320	2	-5	0	-5	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	666	0	660	0	662	0	657	0	320	2	320	2	-4	0	-4	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	675	0	669	0	671	0	666	0	320	2	320	2	-4	0	-4	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	684	0	680	0	680	0	673	0	320	2	320	2	-4	0	-5	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	693	0	687	0	687	0	680	0	320	2	320	2	-5	0	-7	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	696	0	691	0	687	0	680	0	320	2	320	2	-7	0	-9	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	723	0	711	0	694	0	687	0	320	2	320	2	-9	0	-14	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	743	0	722	0	720	0	714	0	320	2	320	2	-13	0	-14	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	761	0	757	0	745	0	739	0	320	2	320	2	-16	0	-16	0	0	0	0	0	604	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	766	0	763	0	752	0	747	0	320	2	320	2	-14	0	-14	0	0	0	0	0	595	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	786	0	783	0	775	0	772	0	320	2	320	2	-11	0	-9	0	0	0	0	0	603	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	783	0	777	0	770	0	765	0	320	2	320	2	-13	0	-11	0	0	0	0	0	610	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	792	0	786	0	777	0	772	0	320	2	320	2	-13	0	-13	0	0	0	0	0	603	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	829	0	822	0	808	0	802	0	320	2	320	2	-16	0	-18	0	0	0	0	0	610	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	833	0	826	0	820	0	815	0	320	2	320	2	-11	0	-13	0	0	0	0	0	635	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	808	0	802	0	799	0	790	0	320	2	320	2	-5	0	-5	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	766	0	761	0	757	0	752	0	320	2	320	2	-9	0	-9	0	0	0	0	0	585	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	736	0	729	0	730	0	723	0	320	2	320	2	-2	0	-2	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	714	0	709	0	711	0	703	0	320	2	320	2	-4	0	-4	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	694	0	689	0	693	0	687	0	320	2	320	2	2	0	2	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	685	0	680	0	687	0	682	0	320	2	320	2	4	0	4	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	685	0	680	0	685	0	678	0	320	2	320	2	2	0	0	0	0	0	0	0	536	0	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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX 189	WIND DIR2	MIN 150A	MAX 193	WIND DIR3	MIN 150B	MAX 211	WIND DIR4	MIN S	MAX 228	WIND DIR5	MIN S	MAX 242	WIND DIR6	MIN S	MAX 249
100	64 0	59 0	110 0	124 0	0 0	0 0	221 0	250 189	222 0	262 173	229 0	241 218	224 0	237 206	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	79 0	82 0	122 0	137 0	0 0	0 0	231 0	257 201	236 0	264 195	240 0	254 228	234 0	251 219	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	71 0	71 0	122 0	136 0	0 0	0 0	232 0	297 180	237 0	286 193	239 0	251 221	233 0	256 207	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	75 0	75 0	125 0	109 0	0 0	0 0	202 0	252 145	206 0	263 127	210 0	234 180	207 0	234 173	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	37 0	32 0	73 0	82 0	0 0	0 0	218 0	264 152	220 0	264 128	231 0	252 211	227 0	255 202	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	44 0	43 0	81 0	94 0	0 0	0 0	259 0	313 213	262 0	308 214	266 0	302 249	259 0	299 234	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	57 0	58 0	84 0	86 0	0 0	0 0	254 0	295 226	257 0	339 218	271 0	291 251	262 0	293 228	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	43 0	41 0	92 0	68 0	0 0	0 0	171 0	267 93	179 0	263 106	191 0	223 150	189 0	224 145	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	52 0	55 0	103 0	94 0	0 0	0 0	163 0	269 92	162 0	260 102	176 0	211 149	174 0	221 144	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	86 0	91 0	113 0	120 0	0 0	0 0	276 0	306 233	275 0	325 240	284 0	309 255	276 0	309 239	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	86 0	95 0	111 0	122 0	0 0	0 0	259 0	288 236	260 0	305 230	270 0	286 265	262 0	279 256	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	56 0	62 0	68 0	78 0	0 0	0 0	257 0	290 217	259 0	304 214	284 0	309 258	275 0	302 242	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	64 0	73 0	84 0	91 0	0 0	0 0	300 0	329 255	298 0	332 237	307 0	326 273	298 0	334 269	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	63 0	72 0	75 0	85 0	0 0	0 0	302 0	350 266	301 0	0 273	298 0	318 271	290 0	320 253	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	46 0	49 0	56 0	65 0	0 0	0 0	289 0	346 235	283 0	354 194	315 0	346 284	307 0	337 268	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	38 0	0 2	69 0	0 2	0 2	0 2	282 0	257 296	0 2	0 0	314 0	300 327	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
1700	42 0	0 2	73 0	0 2	0 2	0 2	291 0	270 308	0 2	0 0	326 0	306 336	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
1800	32 0	0 2	67 0	0 2	0 2	0 2	294 0	270 314	0 2	0 0	327 0	309 342	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
1900	32 0	0 2	67 0	0 2	0 2	0 2	307 0	287 323	0 2	0 0	341 0	325 358	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
2000	30 0	0 2	59 0	0 2	0 2	0 2	332 0	306 349	0 2	0 0	10 0	357 28	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
2100	36 0	0 2	65 0	0 2	0 2	0 2	326 0	315 338	0 2	0 0	7 0	358 14	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
2200	40 0	0 2	55 0	0 2	0 2	0 2	325 0	318 332	0 2	0 0	5 0	359 16	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
2300	27 0	0 2	46 0	0 2	0 2	0 2	343 0	334 350	0 2	0 0	26 0	19 33	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2
2400	23 0	0 2	21 0	0 2	0 2	0 2	290 0	276 300	0 2	0 0	339 0	324 349	0 2	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2

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	682 0	675 0	687 0	680 0	320 2	320 2	7 0	5 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	0 0
200	687 0	682 0	689 0	682 0	320 2	320 2	2 0	0 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 0
300	684 0	679 0	682 0	676 0	320 2	320 2	0 0	2 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	0 0
400	676 0	671 0	676 0	669 0	320 2	320 2	0 0	0 0	0 0	0 0	532 0	0 2	0 2	0 2	0 2	0 2	0 0
500	653 0	649 0	657 0	653 0	320 2	320 2	5 0	4 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 0
600	669 0	662 0	666 0	660 0	320 2	320 2	2 0	-2 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 0
700	675 0	667 0	658 0	653 0	320 2	320 2	-5 0	-5 0	0 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 0
800	684 0	675 0	666 0	662 0	320 2	320 2	-11 0	-13 0	0 0	0 0	536 0	0 2	0 2	0 2	0 2	0 2	0 0
900	705 0	702 0	689 0	684 0	320 2	320 2	-16 0	-18 0	0 0	0 0	556 0	0 2	0 2	0 2	0 2	0 2	0 0
1000	705 0	699 0	680 0	676 0	320 2	320 2	-18 0	-18 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 0
1100	712 0	707 0	684 0	678 0	320 2	320 2	-27 0	-27 0	0 0	0 0	574 0	0 2	0 2	0 2	0 2	0 2	0 0
1200	725 0	716 0	691 0	687 0	320 2	320 2	-32 0	-31 0	0 0	0 0	581 0	0 2	0 2	0 2	0 2	0 2	0 0
1300	739 0	737 0	698 0	694 0	320 2	320 2	-58 0	-58 0	0 0	0 0	577 0	0 2	0 2	0 2	0 2	0 2	0 0
1400	765 0	761 0	705 0	702 0	320 2	320 2	-56 0	-56 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	0 0
1500	748 0	745 0	709 0	705 0	320 2	320 2	-40 0	-40 0	0 0	0 0	586 0	0 2	0 2	0 2	0 2	0 2	0 0
1600	771 0	0 2	0 2	0 2	320 2	320 2	-50 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1700	771 0	0 2	0 2	0 2	320 2	320 2	-50 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1800	781 0	0 2	0 2	0 2	320 2	320 2	-46 0	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	320 2	320 2	-45 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2000	781 0	0 2	0 2	0 2	320 2	320 2	-22 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2100	737 0	0 2	0 2	0 2	320 2	320 2	10 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2200	707 0	0 2	0 2	0 2	320 2	320 2	22 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2300	700 0	0 2	0 2	0 2	320 2	320 2	14 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2400	707 0	0 2	0 2	0 2	320 2	320 2	6 0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150S	S	50	A S	50	A S	50	B S	50	B S	150A	S	50	B S	150A	S	50	B S	50	B S	50	B S	50	B S	50	B S	50	B S
100	36	0	0	2	25	0	0	2	0	2	0	2	233	0	226	245	0	2	0	0	271	0	263	278	0	2	0	0	0	2	0	0	0	2
200	50	0	0	2	55	0	0	2	0	2	0	2	237	0	227	249	0	2	0	0	276	0	268	280	0	2	0	0	0	2	0	0	0	2
300	50	0	0	2	84	0	0	2	0	2	0	2	260	0	251	269	0	2	0	0	285	0	278	290	0	2	0	0	0	2	0	0	0	2
400	44	0	0	2	80	0	0	2	0	2	0	2	284	0	268	295	0	2	0	0	304	0	299	312	0	2	0	0	0	2	0	0	0	2
500	21	0	0	2	55	0	0	2	0	2	0	2	239	0	226	258	0	2	0	0	280	0	272	288	0	2	0	0	0	2	0	0	0	2
600	50	0	0	2	90	0	0	2	0	2	0	2	233	0	217	244	0	2	0	0	275	0	267	279	0	2	0	0	0	2	0	0	0	2
700	40	0	0	2	59	0	0	2	0	2	0	2	221	0	205	231	0	2	0	0	275	0	267	279	0	2	0	0	0	2	0	0	0	2
800	46	0	0	2	80	0	0	2	0	2	0	2	232	0	216	245	0	2	0	0	260	0	250	270	0	2	0	0	0	2	0	0	0	2
900	46	0	0	2	77	0	0	2	0	2	0	2	228	0	213	242	0	2	0	0	250	0	240	261	0	2	0	0	0	2	0	0	0	2
1000	48	0	0	2	75	0	0	2	0	2	0	2	230	0	213	249	0	2	0	0	249	0	234	260	0	2	0	0	0	2	0	0	0	2
1100	46	0	0	2	67	0	0	2	0	2	0	2	235	0	213	263	0	2	0	0	252	0	243	263	0	2	0	0	0	2	0	0	0	2
1200	55	0	0	2	86	0	0	2	0	2	0	2	258	0	237	276	0	2	0	0	275	0	269	284	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	60	0	0	2	89	0	0	0	0	0	0	0	325	0	44	275	330	0	104	282	335	0	359	301	328	0	358	269	0	0	0	0	0	0
1500	64	0	0	2	88	0	0	0	0	0	0	0	340	0	21	295	337	0	46	282	346	0	18	331	341	0	12	324	0	0	0	0	0	0
1600	52	0	0	2	72	0	0	0	0	0	0	0	338	0	29	287	335	0	38	279	358	0	38	319	354	0	73	311	0	0	0	0	0	0
1700	29	0	0	2	48	0	0	0	0	0	0	0	354	3	80	270	0	0	147	279	358	0	47	308	351	0	60	292	0	0	0	0	0	0
1800	40	0	0	2	61	0	0	0	0	0	0	0	339	0	22	291	336	0	34	279	348	0	17	318	341	0	15	271	0	0	0	0	0	0
1900	0	4	0	2	30	0	0	0	0	0	0	0	74	3	117	42	82	3	129	59	45	3	86	24	38	0	88	7	0	0	0	0	0	0
2000	47	0	0	2	50	0	0	0	0	0	0	0	82	0	85	78	83	0	84	80	90	0	93	87	88	0	94	85	0	0	0	0	0	0
2100	50	0	0	2	57	0	0	0	0	0	0	0	86	0	93	81	91	0	104	83	93	0	94	90	94	0	99	90	0	0	0	0	0	0
2200	61	0	0	2	70	0	0	0	0	0	0	0	116	0	122	105	125	0	129	105	92	0	100	82	113	0	119	108	0	0	0	0	0	0
2300	59	0	0	2	99	0	0	0	0	0	0	0	132	0	143	125	141	0	150	127	150	0	153	143	151	0	153	145	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

	AMB. TEM1 30 A	AMB. TEM2 30 B	AMB. TEM3 180A	AMB. TEM4 180B	AMB. TEM5	AMB. TEMP6	D.T. 1 180A	D.T. 2 180B	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	S RAIN	B
100	693 0	0 2	0 2	0 2	320 2	320 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	0 2
200	675 0	0 2	0 2	0 2	320 2	320 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	0 2
300	666 0	0 2	0 2	0 2	320 2	320 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	0 2
400	666 0	0 2	0 2	0 2	320 2	320 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	0 2
500	642 0	0 2	0 2	0 2	320 2	320 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	0 2
600	642 0	0 2	0 2	0 2	320 2	320 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	0 2
700	652 0	0 2	0 2	0 2	320 2	320 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	0 2
800	683 0	0 2	0 2	0 2	320 2	320 2	39 0	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	700 0	0 2	0 2	0 2	320 2	320 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	0 2
1000	734 0	0 2	0 2	0 2	320 2	320 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	0 2
1100	758 0	0 2	0 2	0 2	320 2	320 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	0 2
1200	761 0	0 2	0 2	0 2	320 2	320 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	0 2
1300	0 2	0 2	0 2	0 2	320 2	320 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	0 2
1400	786 0	783 0	738 0	732 0	320 2	320 2	-45 0	-47 0	0 0	0 0	606 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	765 0	759 0	736 0	729 0	320 2	320 2	-23 0	-25 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	772 0	765 0	750 0	745 0	320 2	320 2	-22 0	-23 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	786 0	781 0	766 0	761 0	320 2	320 2	-18 0	-20 0	0 0	0 0	599 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	788 0	783 0	763 0	759 0	320 2	320 2	-23 0	-25 0	0 0	0 0	617 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	774 0	768 0	775 0	768 0	320 2	320 2	4 0	2 0	0 0	0 0	603 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	732 0	725 0	768 0	763 0	320 2	320 2	38 0	38 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	730 0	721 0	766 0	761 0	320 2	320 2	38 0	40 0	0 0	0 0	558 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	712 0	705 0	750 0	745 0	320 2	320 2	40 0	40 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	705 0	700 0	757 0	750 0	320 2	320 2	52 0	52 0	0 0	0 0	547 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	0 2	0 2	0 2	0 2	320 2	320 2	0 2	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

[illegible]

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	30	B	30	A	30	B	30	A	30	B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	180A	180B	
100	0	2	0	2	0	2	0	2	320	2	320	2	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	320	2	320	2	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	320	2	320	2	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	631	0	624	0	700	0	693	0	320	2	320	2	68	0	68	0	0	0	0	0	509	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
500	628	0	621	0	687	0	680	0	320	2	320	2	59	0	59	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
600	615	0	609	0	676	0	669	0	320	2	320	2	61	0	63	0	0	0	0	0	498	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
700	633	0	621	0	651	0	655	0	320	2	320	2	27	0	25	0	0	0	0	0	504	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
800	694	0	689	0	675	0	669	0	320	2	320	2	-18	0	-18	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
900	754	0	750	0	725	0	720	0	320	2	320	2	-27	0	-27	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1000	801	0	793	0	766	0	761	0	320	2	320	2	-29	0	-31	0	0	0	0	0	617	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1100	824	0	819	0	788	0	783	0	320	2	320	2	-34	0	-36	0	0	0	0	0	624	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1200	831	0	828	0	799	0	793	0	320	2	320	2	-31	0	-32	0	0	0	0	0	639	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1300	856	0	849	0	811	0	808	0	320	2	320	2	-38	0	-40	0	0	0	0	0	633	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	847	0	844	0	817	0	811	0	320	2	320	2	-31	0	-31	0	0	0	0	0	626	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	865	0	860	0	831	0	826	0	320	2	320	2	-32	0	-34	0	0	0	0	0	642	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1600	862	0	853	0	828	0	824	0	320	2	320	2	-29	0	-29	0	0	0	0	0	640	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1700	864	0	858	0	833	0	828	0	320	2	320	2	-29	0	-31	0	0	0	0	0	648	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1800	838	0	833	0	817	0	811	0	320	2	320	2	-20	0	-22	0	0	0	0	0	630	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1900	806	0	801	0	801	0	793	0	320	2	320	2	-4	0	-5	0	0	0	0	0	606	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2000	772	0	765	0	775	0	770	0	320	2	320	2	5	0	5	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2100	750	0	743	0	765	0	759	0	320	2	320	2	16	0	18	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2200	738	0	730	0	756	0	750	0	320	2	320	2	20	0	20	0	0	0	0	0	563	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2300	739	0	734	0	747	0	739	0	320	2	320	2	7	0	7	0	0	0	0	0	565	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2
2400	732	0	725	0	738	0	730	0	320	2	320	2	5	0	5	0	0	0	0	0	561	0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	60	0	62	0	139	0	106	0	0	0	0	0	171	0	264	101	172	0	260	102	184	0	203	167	182	0	206	159	0	0	0	0	0	0
200	65	0	70	0	153	0	119	0	0	0	0	0	165	0	216	93	168	0	260	102	186	0	202	169	183	0	202	163	0	0	0	0	0	0
300	58	0	50	0	130	0	92	0	0	0	0	0	203	0	261	114	207	0	262	107	204	0	218	194	200	0	224	182	0	0	0	0	0	0
400	77	0	69	0	151	0	130	0	0	0	0	0	226	0	329	185	215	0	263	151	211	0	230	185	208	0	234	175	0	0	0	0	0	0
500	115	0	116	0	173	0	191	0	0	0	0	0	234	0	291	206	235	0	283	188	236	0	252	219	227	0	247	202	0	0	0	0	0	0
600	55	0	47	0	118	0	90	0	0	0	0	0	250	0	359	192	201	0	264	124	205	0	223	184	201	0	221	169	0	0	0	0	0	0
700	54	0	55	0	122	0	85	0	0	0	0	0	189	0	263	91	189	0	261	103	194	0	212	166	191	0	226	165	0	0	0	0	0	0
800	79	0	83	0	119	0	136	0	0	0	0	0	264	0	301	239	265	0	303	238	269	0	285	254	261	0	285	234	0	0	0	0	0	0
900	92	0	96	0	136	0	153	0	0	0	0	0	243	0	267	223	247	0	285	216	254	0	260	250	248	0	269	235	0	0	0	0	0	0
1000	69	0	71	0	114	0	131	0	0	0	0	0	251	0	292	198	253	0	286	212	263	0	283	243	256	0	299	231	0	0	0	0	0	0
1100	70	0	73	0	94	0	108	0	0	0	0	0	260	0	291	226	264	0	306	217	271	0	280	230	264	0	277	226	0	0	0	0	0	0
1200	73	0	79	0	105	0	119	0	0	0	0	0	276	0	351	227	275	0	350	217	292	0	349	261	284	0	344	243	0	0	0	0	0	0
1300	53	0	51	0	113	0	116	0	0	0	0	0	2	0	55	278	4	0	170	304	6	0	33	332	357	0	56	325	0	0	0	0	0	0
1400	63	0	65	0	101	0	102	0	0	0	0	0	22	0	61	339	24	0	81	330	18	0	38	348	6	0	43	341	0	0	0	0	0	0
1500	50	0	54	0	92	0	100	0	0	0	0	0	10	0	62	274	13	0	102	283	8	0	36	325	358	0	41	307	0	0	0	0	0	0
1600	65	0	67	0	109	0	115	0	0	0	0	0	9	0	92	294	14	0	126	308	8	0	42	330	358	0	44	313	0	0	0	0	0	0
1700	69	0	70	0	109	0	111	0	0	0	0	0	16	0	66	326	20	0	106	309	12	0	40	345	1	0	34	330	0	0	0	0	0	0
1800	73	0	78	0	104	0	110	0	0	0	0	0	21	0	67	293	21	0	83	306	18	0	43	350	8	0	34	319	0	0	0	0	0	0
1900	81	0	85	0	108	0	111	0	0	0	0	0	23	0	62	354	25	0	62	350	20	0	36	348	11	0	37	341	0	0	0	0	0	0
2000	75	0	76	0	110	0	111	0	0	0	0	0	20	0	46	356	21	0	39	353	21	0	26	0	9	0	27	343	0	0	0	0	0	0
2100	72	0	76	0	111	0	110	0	0	0	0	0	31	0	73	8	33	0	62	2	28	0	44	21	21	0	43	7	0	0	0	0	0	0
2200	67	0	74	0	107	0	109	0	0	0	0	0	38	0	66	19	38	0	84	14	38	0	53	21	30	0	50	9	0	0	0	0	0	0
2300	64	0	71	0	112	0	115	0	0	0	0	0	40	0	63	17	41	0	62	16	45	0	49	42	38	0	43	31	0	0	0	0	0	0
2400	57	0	63	0	98	0	119	0	0	0	0	0	43	0	58	30	46	0	80	15	49	0	52	43	43	0	50	37	0	0	0	0	0	0

	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	S RAIN S
100	729 0	723 0	734 0	727 0	320 2	320 2	5 0	4 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	729 0	723 0	734 0	729 0	320 2	320 2	7 0	5 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	730 0	725 0	736 0	730 0	320 2	320 2	7 0	7 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	736 0	730 0	738 0	730 0	320 2	320 2	4 0	2 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	747 0	741 0	743 0	736 0	320 2	320 2	-4 0	-4 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	739 0	732 0	732 0	727 0	320 2	320 2	-4 0	-5 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	721 0	716 0	716 0	711 0	320 2	320 2	-5 0	-5 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	707 0	700 0	705 0	698 0	320 2	320 2	0 0	0 0	0 0	0 0	552 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	711 0	705 0	705 0	698 0	320 2	320 2	-7 0	-7 0	0 0	0 0	556 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	725 0	721 0	703 0	698 0	320 2	320 2	-23 0	-23 0	0 0	0 0	576 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	734 0	727 0	707 0	703 0	320 2	320 2	-25 0	-25 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	693 0	685 0	684 0	680 0	320 2	320 2	-7 0	-5 0	0 0	0 0	541 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	676 0	671 0	664 0	657 0	320 2	320 2	-11 0	-14 0	0 0	0 0	538 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	676 0	671 0	669 0	666 0	320 2	320 2	-5 0	-7 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	698 0	691 0	676 0	669 0	320 2	320 2	-23 0	-25 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	702 0	693 0	675 0	669 0	320 2	320 2	-25 0	-29 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	705 0	702 0	678 0	673 0	320 2	320 2	-27 0	-29 0	0 0	0 0	563 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	702 0	698 0	678 0	673 0	320 2	320 2	-20 0	-23 0	0 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	684 0	678 0	676 0	659 0	320 2	320 2	-7 0	-7 0	0 0	0 0	554 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	664 0	657 0	669 0	664 0	320 2	320 2	5 0	5 0	0 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	662 0	657 0	669 0	664 0	320 2	320 2	9 0	9 0	0 0	0 0	518 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	655 0	648 0	664 0	658 0	320 2	320 2	11 0	13 0	0 0	0 0	516 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	631 0	622 0	660 0	655 0	320 2	320 2	31 0	32 0	0 0	0 0	505 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	624 0	617 0	658 0	653 0	320 2	320 2	34 0	36 0	0 0	0 0	505 0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6		
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S	
100	77	0	84	0	124	0	141	0	0	0	0	0	43	0	55	26	47	0	62	15	49	0	50	43	42	0	50	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	61	0	72	0	104	0	129	0	0	0	0	0	69	0	79	60	74	0	103	60	66	0	69	61	62	0	67	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300	72	0	77	0	136	0	139	0	0	0	0	0	95	0	106	84	103	0	124	82	89	0	92	87	85	0	88	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	88	0	92	0	143	0	151	0	0	0	0	0	101	0	108	89	106	0	125	102	94	0	96	92	93	0	97	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500	97	0	101	0	154	0	162	0	0	0	0	0	97	0	111	83	102	0	128	82	93	0	96	91	92	0	99	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600	88	0	93	0	145	0	154	0	0	0	0	0	94	0	106	81	100	0	128	82	95	0	98	91	96	0	101	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
700	94	0	94	0	182	0	193	0	0	0	0	0	102	0	116	88	108	0	147	80	97	0	99	96	101	0	109	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	89	0	90	0	125	0	136	0	0	0	0	0	101	0	126	81	103	0	148	59	98	0	111	89	106	0	128	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
900	81	0	87	0	103	0	114	0	0	0	0	0	104	0	139	46	112	0	158	39	99	0	131	86	115	0	142	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	88	0	89	0	103	0	114	0	0	0	0	0	112	0	141	75	119	0	150	83	99	0	123	72	117	0	147	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	66	0	69	0	76	0	86	0	0	0	0	0	100	0	142	41	104	0	152	39	84	0	106	37	94	0	139	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	49	0	57	0	70	0	81	0	0	0	0	0	61	0	130	0	47	0	145	280	33	0	89	294	28	0	130	293	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	67	0	71	0	107	0	113	0	0	0	0	0	11	0	94	302	5	0	104	282	9	0	41	321	1	0	40	303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	104	0	108	0	134	0	140	0	0	0	0	0	22	0	61	336	19	0	103	285	18	0	44	344	6	0	55	328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	118	0	121	0	157	0	157	0	0	0	0	0	21	0	84	340	20	0	84	350	20	0	33	345	9	0	40	334	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	109	0	113	0	137	0	140	0	0	0	0	0	25	0	50	353	25	0	102	330	25	0	45	358	16	0	35	343	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	121	0	124	0	158	0	162	0	0	0	0	0	29	0	61	6	30	0	80	353	29	0	64	11	20	0	55	351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	124	0	131	0	166	0	170	0	0	0	0	0	30	0	57	6	30	0	82	353	33	0	45	20	25	0	48	358	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	88	0	94	0	116	0	124	0	0	0	0	0	34	0	70	11	39	0	101	13	40	0	58	24	34	0	63	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	66	0	77	0	93	0	115	0	0	0	0	0	51	0	76	28	56	0	84	18	53	0	65	46	50	0	68	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2100	61	0	74	0	99	0	123	0	0	0	0	0	56	0	78	43	56	0	84	5	54	0	61	45	51	0	72	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2200	83	0	84	0	133	0	151	0	0	0	0	0	81	0	98	64	85	0	111	38	76	0	84	68	75	0	82	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2300	88	0	93	0	166	0	177	0	0	0	0	0	95	0	108	83	102	0	126	81	98	0	101	96	100	0	105	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2400	102	0	101	0	181	0	195	0	0	0	0	0	107	0	119	95	118	0	149	84	102	0	106	99	110	0	115	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

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	628 0	621 0	660 0	633 0	320 2	320 2	32 0	34 0	0 0	0 0	504 0	0 2	0 2	0 2	0 2	0 2	0 0
200	599 0	590 0	639 0	633 0	320 2	320 2	41 0	43 0	0 0	0 0	491 0	0 2	0 2	0 2	0 2	0 2	0 0
300	592 0	583 0	624 0	619 0	320 2	320 2	32 0	36 0	0 0	0 0	484 0	0 2	0 2	0 2	0 2	0 2	0 0
400	583 0	574 0	619 0	613 0	320 2	320 2	38 0	40 0	0 0	0 0	480 0	0 2	0 2	0 2	0 2	0 2	0 0
500	586 0	581 0	621 0	617 0	320 2	320 2	34 0	36 0	0 0	0 0	482 0	0 2	0 2	0 2	0 2	0 2	0 0
600	579 0	572 0	615 0	610 0	320 2	320 2	36 0	36 0	0 0	0 0	478 0	0 2	0 2	0 2	0 2	0 2	0 0
700	595 0	590 0	615 0	610 0	320 2	320 2	22 0	20 0	0 0	0 0	495 0	0 2	0 2	0 2	0 2	0 2	0 0
800	633 0	618 0	619 0	613 0	320 2	320 2	-14 0	-14 0	0 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 0
900	691 0	687 0	671 0	666 0	320 2	320 2	-20 0	-22 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 0
1000	705 0	702 0	700 0	674 0	320 2	320 2	-7 0	-7 0	0 0	0 0	574 0	0 2	0 2	0 2	0 2	0 2	0 0
1100	736 0	734 0	720 0	714 0	320 2	320 2	-16 0	-18 0	0 0	0 0	594 0	0 2	0 2	0 2	0 2	0 2	0 0
1200	766 0	765 0	729 0	723 0	320 2	320 2	-36 0	-40 0	0 0	0 0	613 0	0 2	0 2	0 2	0 2	0 2	0 0
1300	723 0	721 0	680 0	675 0	320 2	320 2	-41 0	-45 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 0
1400	714 0	711 0	682 0	676 0	320 2	320 2	-31 0	-32 0	0 0	0 0	574 0	0 2	0 2	0 2	0 2	0 2	0 0
1500	714 0	709 0	684 0	678 0	320 2	320 2	-29 0	-31 0	0 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 0
1600	718 0	716 0	694 0	689 0	320 2	320 2	-23 0	-27 0	0 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 0
1700	714 0	709 0	694 0	687 0	320 2	320 2	-18 0	-20 0	0 0	0 0	568 0	0 2	0 2	0 2	0 2	0 2	0 0
1800	703 0	698 0	680 0	682 0	320 2	320 2	-14 0	-16 0	0 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 0
1900	687 0	682 0	680 0	673 0	320 2	320 2	-5 0	-7 0	0 0	0 0	549 0	0 2	0 2	0 2	0 2	0 2	0 0
2000	664 0	657 0	669 0	666 0	320 2	320 2	7 0	9 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 0
2100	646 0	639 0	664 0	658 0	320 2	320 2	18 0	18 0	0 0	0 0	514 0	0 2	0 2	0 2	0 2	0 2	0 0
2200	646 0	637 0	666 0	660 0	320 2	320 2	20 0	22 0	0 0	0 0	513 0	0 2	0 2	0 2	0 2	0 2	0 0
2300	626 0	621 0	667 0	664 0	320 2	320 2	41 0	41 0	0 0	0 0	505 0	0 2	0 2	0 2	0 2	0 2	0 0
2400	621 0	615 0	655 0	649 0	320 2	320 2	34 0	34 0	0 0	0 0	500 0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	150A	S	S	150A	S	S	150B	S	S	S	S	S	S	S	S	S	S	S	
100	103	0	100	0	157	0	172	0	0 0	0 0	113	0	122	99	121	0	152	84	105	0	113	100	120	0	128	107	0 0	0 0	0 0	0 0	0 0	0 0		
200	85	0	83	0	125	0	142	0	0 0	0 0	115	0	126	101	125	0	150	103	109	0	116	103	126	0	138	118	0 0	0 0	0 0	0 0	0 0	0 0		
300	93	0	89	0	133	0	153	0	0 0	0 0	117	0	132	108	126	0	149	83	115	0	126	108	131	0	139	122	0 0	0 0	0 0	0 0	0 0	0 0		
400	100	0	106	0	145	0	164	0	0 0	0 0	120	0	149	108	128	0	151	100	124	0	141	109	137	0	153	122	0 0	0 0	0 0	0 0	0 0	0 0		
500	100	0	102	0	141	0	160	0	0 0	0 0	117	0	138	107	126	0	150	102	121	0	142	107	136	0	147	123	0 0	0 0	0 0	0 0	0 0	0 0		
600	110	0	118	0	153	0	172	0	0 0	0 0	119	0	139	104	128	0	172	102	123	0	141	112	136	0	148	119	0 0	0 0	0 0	0 0	0 0	0 0		
700	143	0	147	0	180	0	197	0	0 0	0 0	118	0	147	105	127	0	148	102	116	0	134	105	132	0	144	123	0 0	0 0	0 0	0 0	0 0	0 0		
800	121	0	130	0	169	0	183	0	0 0	0 0	123	0	150	105	134	0	253	102	131	0	151	94	139	0	162	119	0 0	0 0	0 0	0 0	0 0	0 0		
900	138	0	151	0	205	0	219	0	0 0	0 0	126	0	160	104	133	0	172	82	136	0	154	111	143	0	162	118	0 0	0 0	0 0	0 0	0 0	0 0		
1000	125	0	130	0	195	0	215	0	0 0	0 0	118	0	165	4	142	0	238	104	143	0	168	113	148	0	176	129	0 0	0 0	0 0	0 0	0 0	0 0		
1100	91	0	97	0	156	0	171	0	0 0	0 0	121	0	151	5	136	0	176	60	147	0	171	105	150	0	179	124	0 0	0 0	0 0	0 0	0 0	0 0		
1200	99	0	104	0	165	0	169	0	0 0	0 0	122	0	163	9	143	0	198	100	151	0	182	109	153	0	184	120	0 0	0 0	0 0	0 0	0 0	0 0		
1300	92	0	95	0	151	0	152	0	0 0	0 0	140	0	203	98	157	0	263	101	154	0	177	112	157	0	196	118	0 0	0 0	0 0	0 0	0 0	0 0		
1400	79	0	85	0	130	0	137	0	0 0	0 0	139	0	214	96	147	0	266	99	150	0	183	91	154	0	186	99	0 0	0 0	0 0	0 0	0 0	0 0		
1500	72	0	77	0	120	0	124	0	0 0	0 0	140	0	207	91	149	0	220	100	158	0	192	101	160	0	194	108	0 0	0 0	0 0	0 0	0 0	0 0		
1600	73	0	80	0	136	0	137	0	0 0	0 0	149	0	269	92	156	0	234	92	158	0	201	117	160	0	229	106	0 0	0 0	0 0	0 0	0 0	0 0		
1700	72	0	71	0	133	0	113	0	0 0	0 0	177	0	249	104	182	0	257	112	181	0	210	145	180	0	225	145	0 0	0 0	0 0	0 0	0 0	0 0		
1800	52	0	45	0	116	0	81	0	0 0	0 0	191	0	265	93	193	0	265	99	195	0	226	136	191	0	230	163	0 0	0 0	0 0	0 0	0 0	0 0		
1900	74	0	78	0	130	0	114	0	0 0	0 0	162	0	265	91	174	0	258	106	173	0	198	146	173	0	195	152	0 0	0 0	0 0	0 0	0 0	0 0		
2000	80	0	82	0	157	0	162	0	0 0	0 0	125	0	160	50	153	0	258	101	157	0	166	146	159	0	173	144	0 0	0 0	0 0	0 0	0 0	0 0		
2100	69	0	77	0	147	0	151	0	0 0	0 0	117	0	159	7	156	0	238	104	162	0	174	151	164	0	184	149	0 0	0 0	0 0	0 0	0 0	0 0		
2200	72	0	77	0	147	0	134	0	0 0	0 0	109	0	178	12	159	0	259	103	171	0	193	155	172	0	201	149	0 0	0 0	0 0	0 0	0 0	0 0		
2300	76	0	74	0	155	0	133	0	0 0	0 0	163	0	244	93	166	0	223	102	179	0	197	165	178	0	195	156	0 0	0 0	0 0	0 0	0 0	0 0		
2400	77	0	76	0	163	0	139	0	0 0	0 0	161	0	254	97	167	0	213	97	180	0	198	167	179	0	199	158	0 0	0 0	0 0	0 0	0 0	0 0		

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
30 A	S	30 B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S			
100	628	0	622	0	642	0	637	0	320	2	320	2	14	0	14	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	621	0	613	0	628	0	622	0	320	2	320	2	9	0	9	0	0	0	0	0	502	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	606	0	599	0	613	0	608	0	320	2	320	2	7	0	9	0	0	0	0	0	495	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	603	0	595	0	604	0	599	0	320	2	320	2	4	0	4	0	0	0	0	0	491	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	597	0	592	0	595	0	590	0	320	2	320	2	2	0	0	0	0	0	0	0	491	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	590	0	585	0	592	0	586	0	320	2	320	2	2	0	2	0	0	0	0	0	487	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	610	0	603	0	603	0	597	0	320	2	320	2	-5	0	-5	0	0	0	0	0	500	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	644	0	639	0	633	0	626	0	320	2	320	2	-13	0	-13	0	0	0	0	0	525	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	676	0	673	0	664	0	658	0	320	2	320	2	-14	0	-14	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	712	0	707	0	691	0	684	0	320	2	320	2	-22	0	-22	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	752	0	748	0	723	0	718	0	320	2	320	2	-27	0	-29	0	0	0	0	0	592	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	783	0	775	0	750	0	745	0	320	2	320	2	-29	0	-31	0	0	0	0	0	608	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	815	0	813	0	779	0	774	0	320	2	320	2	-32	0	-36	0	0	0	0	0	606	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	822	0	819	0	792	0	786	0	320	2	320	2	-29	0	-31	0	0	0	0	0	631	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	822	0	819	0	797	0	792	0	320	2	320	2	-25	0	-27	0	0	0	0	0	619	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	844	0	840	0	815	0	808	0	320	2	320	2	-27	0	-29	0	0	0	0	0	622	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	856	0	853	0	824	0	819	0	320	2	320	2	-31	0	-31	0	0	0	0	0	642	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	847	0	842	0	824	0	817	0	320	2	320	2	-22	0	-23	0	0	0	0	0	639	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	815	0	810	0	810	0	802	0	320	2	320	2	-5	0	-5	0	0	0	0	0	608	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	790	0	781	0	788	0	781	0	320	2	320	2	4	0	2	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	766	0	763	0	770	0	763	0	320	2	320	2	4	0	4	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	765	0	759	0	766	0	763	0	320	2	320	2	4	0	2	0	0	0	0	0	577	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	752	0	747	0	756	0	750	0	320	2	320	2	5	0	5	0	0	0	0	0	570	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	748	0	743	0	752	0	747	0	320	2	320	2	5	0	5	0	0	0	0	0	568	0	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

[illegible]

	AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A	30	B	30	A	30	B	30	A	30	B	30	A	30	B	30	A	30	B	30	A	30	B	30	A	30	B	30	A	30	B	30	A	30	B	30	A
100	739	0	732	0	743	0	738	0	320	2	320	2	5	0	5	0	0	0	0	0	0	0	565	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	745	0	739	0	750	0	745	0	320	2	320	2	5	0	5	0	0	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	757	0	752	0	759	0	754	0	320	2	320	2	2	0	2	0	0	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	770	0	765	0	768	0	763	0	320	2	320	2	2	0	-2	0	0	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	673	0	667	0	673	0	667	0	320	2	320	2	0	0	0	0	0	0	0	0	0	0	529	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	680	0	673	0	682	0	676	0	320	2	320	2	4	0	4	0	0	0	0	0	0	0	532	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	684	0	675	0	684	0	676	0	320	2	320	2	0	0	0	0	0	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	705	0	703	0	693	0	685	0	320	2	320	2	-13	0	-16	0	0	0	0	0	0	0	554	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	725	0	720	0	720	0	712	0	320	2	320	2	-4	0	-5	0	0	0	0	0	0	0	581	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	763	0	757	0	752	0	748	0	320	2	320	2	-9	0	-9	0	0	0	0	0	0	0	585	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	721	0	716	0	721	0	716	0	320	2	320	2	2	0	0	0	0	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	736	0	730	0	716	0	711	0	320	2	320	2	-20	0	-20	0	0	0	0	0	0	0	595	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	761	0	756	0	714	0	709	0	320	2	320	2	-45	0	-45	0	0	0	0	0	0	0	597	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	775	0	768	0	721	0	718	0	320	2	320	2	-49	0	-49	0	0	0	0	0	0	0	626	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	793	0	790	0	748	0	747	0	320	2	320	2	-45	0	-43	0	0	0	0	0	0	0	610	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	775	0	772	0	748	0	743	0	320	2	320	2	-27	0	-29	0	0	0	0	0	0	0	599	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	795	0	792	0	774	0	770	0	320	2	320	2	-20	0	-22	0	0	0	0	0	0	0	612	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	768	0	765	0	763	0	757	0	320	2	320	2	-5	0	-7	0	0	0	0	0	0	0	588	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	761	0	756	0	772	0	765	0	320	2	320	2	11	0	13	0	0	0	0	0	0	0	577	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	743	0	735	0	761	0	756	0	320	2	320	2	18	0	18	0	0	0	0	0	0	0	567	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	729	0	723	0	766	0	761	0	320	2	320	2	40	0	40	0	0	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	727	0	720	0	774	0	766	0	320	2	320	2	49	0	49	0	0	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	730	0	723	0	774	0	768	0	320	2	320	2	45	0	45	0	0	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	725	0	720	0	775	0	768	0	320	2	320	2	50	0	50	0	0	0	0	0	0	0	556	0	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6	MIN	MAX
	50 A S	50 B S	150A S	150B S		50 A S		50	B B		150A S		150B S				S			S		S		
100	58 0	59 0	147 0	132 0	0 0	0 0	157 0	234	102	160 0	214	123	179 0	186	172	176 0	185	168	0 0	0	0	0	0	0
200	37 0	35 0	99 0	74 0	0 0	0 0	171 0	226	108	175 0	222	114	202 0	217	174	199 0	217	160	0 0	0	0	0	0	0
300	58 0	57 0	105 0	119 0	0 0	0 0	223 0	261	149	224 0	248	193	237 0	249	228	231 0	243	217	0 0	0	0	0	0	0
400	47 0	44 0	103 0	118 0	0 0	0 0	194 0	259	113	195 0	233	115	228 0	241	220	224 0	238	213	0 0	0	0	0	0	0
500	42 0	42 0	100 0	87 0	0 0	0 0	175 0	246	111	181 0	229	133	213 0	223	200	210 0	223	194	0 0	0	0	0	0	0
600	41 0	41 0	113 0	76 0	0 0	0 0	175 0	245	107	181 0	243	108	197 0	219	185	193 0	210	170	0 0	0	0	0	0	0
700	34 0	33 0	91 0	75 0	0 0	0 0	171 0	255	97	168 0	237	91	185 0	192	176	182 0	196	169	0 0	0	0	0	0	0
800	25 0	25 0	53 0	49 0	0 0	0 0	145 3	244	91	155 3	211	97	171 0	195	149	170 0	192	144	0 0	0	0	0	0	0
900	45 0	43 0	88 0	80 0	0 0	0 0	212 0	264	109	214 0	269	116	214 0	231	194	211 0	231	193	0 0	0	0	0	0	0
1000	58 0	52 0	92 0	93 0	0 0	0 0	224 0	267	150	230 0	297	184	228 0	260	204	223 0	237	198	0 0	0	0	0	0	0
1100	35 0	30 0	64 0	44 0	0 0	0 0	174 0	226	116	178 3	244	108	197 0	237	150	194 0	218	146	0 0	0	0	0	0	0
1200	19 0	13 0	20 0	19 0	0 0	0 0	78 3	176	0	89 3	159	10	44 0	165	287	58 3	170	270	0 0	0	0	0	0	0
1300	55 0	58 0	75 0	76 0	0 0	0 0	310 0	337	259	316 0	3	280	320 0	359	308	312 0	351	300	0 0	0	0	0	0	0
1400	33 0	30 0	45 0	46 0	0 0	0 0	78 0	136	2	84 3	129	10	81 0	116	28	84 0	120	26	0 0	0	0	0	0	0
1500	41 0	42 0	23 0	24 0	0 0	0 0	292 0	339	254	294 0	341	264	280 0	336	215	268 0	323	215	0 0	0	0	0	0	0
1600	22 0	28 0	16 0	22 0	0 0	0 0	310 0	346	269	310 3	351	238	12 3	78	334	8 3	77	321	0 0	0	0	0	0	0
1700	46 0	51 0	66 0	64 0	0 0	0 0	354 0	27	322	356 0	35	327	21 0	29	9	8 0	21	355	0 0	0	0	0	0	0
1800	92 0	92 0	133 0	134 0	0 0	0 0	16 0	53	339	20 0	62	327	19 0	35	351	7 0	33	340	0 0	0	0	0	0	0
1900	93 0	96 0	136 0	136 0	0 0	0 0	4 0	44	286	9 0	61	287	19 0	42	346	10 0	43	338	0 0	0	0	0	0	0
2000	82 0	90 0	137 0	140 0	0 0	0 0	39 0	53	24	44 0	83	13	44 0	49	38	35 0	44	28	0 0	0	0	0	0	0
2100	77 0	82 0	120 0	122 0	0 0	0 0	32 0	60	12	38 0	83	12	36 0	51	25	28 0	47	11	0 0	0	0	0	0	0
2200	36 0	43 0	64 0	79 0	0 0	0 0	59 0	87	29	67 0	106	35	63 0	85	49	57 0	89	34	0 0	0	0	0	0	0
2300	12 0	17 0	22 0	30 0	0 0	0 0	107 3	173	34	118 3	173	35	63 3	91	44	58 3	97	30	0 0	0	0	0	0	0
2400	12 0	14 0	19 0	25 0	0 0	0 0	81 3	126	0	91 3	149	12	28 3	90	333	22 3	96	324	0 0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8				
	30	A	B	30	A	B	180A	B	180B	A	B	320	A	B	180A	B	180B	A	B	320	A	B	320	A	B	320	A	B	320	A	B	320	A	B	320	A	B		
100	716	0		711	0		752	0	747	0		320	2	320	2	38	0	38	0	0	0	0	0	552	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	705	0		700	0		727	0	721	0		320	2	320	2	23	0	23	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	709	0		702	0		723	0	718	0		320	2	320	2	16	0	16	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	689	0		682	0		716	0	711	0		320	2	320	2	29	0	29	0	0	0	0	0	540	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	687	0		680	0		718	0	711	0		320	2	320	2	31	0	32	0	0	0	0	0	536	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	693	0		685	0		709	0	703	0		320	2	320	2	16	0	18	0	0	0	0	0	541	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	711	0		705	0		711	0	705	0		320	2	320	2	2	0	2	0	0	0	0	0	550	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	712	0		705	0		714	0	703	0		320	2	320	2	-4	0	-4	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	702	0		694	0		694	0	689	0		320	2	320	2	-5	0	-5	0	0	0	0	0	547	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	691	0		684	0		693	0	680	0		320	2	320	2	-7	0	-7	0	0	0	0	0	540	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	694	0		687	0		682	0	678	0		320	2	320	2	-9	0	-11	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	757	0		754	0		738	0	727	0		320	2	320	2	-14	0	-25	0	0	0	0	0	592	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	727	0		721	0		696	0	691	0		320	2	320	2	-29	0	-31	0	0	0	0	0	574	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	748	0		745	0		721	0	716	0		320	2	320	2	-23	0	-27	0	0	0	0	0	579	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	714	0		705	0		729	0	723	0		320	2	320	2	20	0	18	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	741	0		734	0		759	0	754	0		320	2	320	2	20	0	18	0	0	0	0	0	583	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	734	0		725	0		739	0	732	0		320	2	320	2	11	0	9	0	0	0	0	0	565	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	698	0		693	0		689	0	685	0		320	2	320	2	-7	0	-7	0	0	0	0	0	549	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	689	0		684	0		684	0	678	0		320	2	320	2	-5	0	-5	0	0	0	0	0	538	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	646	0		639	0		671	0	666	0		320	2	320	2	25	0	25	0	0	0	0	0	513	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	671	0		662	0		673	0	667	0		320	2	320	2	4	0	4	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	673	0		667	0		673	0	667	0		320	2	320	2	0	0	2	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	666	0		658	0		667	0	662	0		320	2	320	2	2	0	2	0	0	0	0	0	527	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	660	0		655	0		664	0	658	0		320	2	320	2	4	0	4	0	0	0	0	0	523	0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S	S	
100	44	0	53	0	72	0	75	0	0 0	0 0	0 0	39	0	59	21	44	0	62	15	42	0	53	31	34	0	54	23	0 0	0 0	0 0	0 0	0 0		
200	37	0	43	0	59	0	66	0	0 0	0 0	0 0	34	0	60	14	41	0	62	14	44	0	52	30	37	0	52	20	0 0	0 0	0 0	0 0	0 0		
300	60	0	71	0	86	0	103	0	0 0	0 0	0 0	44	0	73	18	51	0	103	14	48	0	58	33	42	0	57	22	0 0	0 0	0 0	0 0	0 0		
400	53	0	62	0	77	0	93	0	0 0	0 0	0 0	45	0	72	20	49	0	107	12	51	0	68	35	46	0	68	23	0 0	0 0	0 0	0 0	0 0		
500	55	0	62	0	81	0	92	0	0 0	0 0	0 0	75	0	98	44	82	0	107	38	79	0	93	66	76	0	111	51	0 0	0 0	0 0	0 0	0 0		
600	43	0	56	0	77	0	94	0	0 0	0 0	0 0	49	0	83	24	55	0	98	17	56	0	72	44	52	0	69	31	0 0	0 0	0 0	0 0	0 0		
700	43	0	48	0	64	0	73	0	0 0	0 0	0 0	70	0	96	40	77	0	105	10	71	0	86	53	67	0	88	50	0 0	0 0	0 0	0 0	0 0		
800	48	0	56	0	71	0	77	0	0 0	0 0	0 0	34	0	68	357	40	0	65	354	41	0	54	22	33	0	49	9	0 0	0 0	0 0	0 0	0 0		
900	46	0	55	0	60	0	75	0	0 0	0 0	0 0	49	0	84	21	59	0	106	16	58	0	79	47	54	0	76	26	0 0	0 0	0 0	0 0	0 0		
1000	55	0	60	0	72	0	82	0	0 0	0 0	0 0	77	0	104	51	85	0	128	19	80	0	92	66	78	0	102	54	0 0	0 0	0 0	0 0	0 0		
1100	24	0	30	0	29	0	38	0	0 0	0 0	0 0	42	3	98	5	50	3	85	344	56	3	89	24	50	0	94	10	0 0	0 0	0 0	0 0	0 0		
1200	32	0	39	0	41	0	48	0	0 0	0 0	0 0	34	0	71	340	41	0	82	330	46	0	82	358	38	0	74	354	0 0	0 0	0 0	0 0	0 0		
1300	18	0	23	0	30	0	37	0	0 0	0 0	0 0	4	3	105	275	7	3	149	282	14	3	86	313	5	0	74	296	0 0	0 0	0 0	0 0	0 0		
1400	27	0	31	0	36	0	39	0	0 0	0 0	0 0	338	3	48	275	355	0	129	283	19	0	68	320	11	0	77	293	0 0	0 0	0 0	0 0	0 0		
1500	46	0	53	0	62	0	62	0	0 0	0 0	0 0	318	0	32	278	319	0	357	237	354	0	24	329	347	0	21	304	0 0	0 0	0 0	0 0	0 0		
1600	56	0	62	0	68	0	71	0	0 0	0 0	0 0	325	0	17	287	330	0	13	272	344	0	12	328	339	0	9	316	0 0	0 0	0 0	0 0	0 0		
1700	40	0	44	0	52	0	54	0	0 0	0 0	0 0	310	0	349	180	314	0	354	240	347	0	21	314	341	0	23	296	0 0	0 0	0 0	0 0	0 0		
1800	37	0	40	0	51	0	54	0	0 0	0 0	0 0	337	0	114	275	345	0	85	283	356	0	47	293	348	0	40	289	0 0	0 0	0 0	0 0	0 0		
1900	49	0	53	0	62	0	63	0	0 0	0 0	0 0	19	0	43	313	23	0	59	306	24	0	40	11	14	0	44	354	0 0	0 0	0 0	0 0	0 0		
2000	53	0	54	0	66	0	66	0	0 0	0 0	0 0	14	0	41	0	18	0	59	351	23	0	36	20	10	0	17	5	0 0	0 0	0 0	0 0	0 0		
2100	55	0	58	0	64	0	66	0	0 0	0 0	0 0	12	0	28	355	16	0	36	354	22	0	26	16	6	0	12	1	0 0	0 0	0 0	0 0	0 0		
2200	40	0	45	0	57	0	58	0	0 0	0 0	0 0	29	0	41	22	36	0	59	353	25	0	37	23	19	0	36	15	0 0	0 0	0 0	0 0	0 0		
2300	40	0	44	0	58	0	60	0	0 0	0 0	0 0	30	0	62	11	37	0	80	13	32	0	48	24	25	0	40	18	0 0	0 0	0 0	0 0	0 0		
2400	32	0	37	0	39	0	49	0	0 0	0 0	0 0	95	0	109	80	106	0	126	83	69	0	76	59	64	0	74	55	0 0	0 0	0 0	0 0	0 0		

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30 A	S	30 B	S	180A	S	180B	S	320	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	
100	660	0	653	0	664	0	657	0	320	2	320	2	5	0	4	0	0	0	0	0	523	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	655	0	648	0	651	0	646	0	320	2	320	2	-2	0	-4	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	637	0	630	0	635	0	630	0	320	2	320	2	2	0	2	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	639	0	631	0	635	0	630	0	320	2	320	2	-4	0	2	0	0	0	0	0	513	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	635	0	628	0	630	0	626	0	320	2	320	2	-4	0	-4	0	0	0	0	0	511	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	615	0	608	0	613	0	608	0	320	2	320	2	2	0	2	0	0	0	0	0	500	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	617	0	606	0	622	0	612	0	320	2	320	2	-4	0	-2	0	0	0	0	0	493	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	621	0	615	0	615	0	613	0	320	2	320	2	-4	0	-4	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	617	0	612	0	612	0	605	0	320	2	320	2	-5	0	-7	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	624	0	615	0	626	0	615	0	320	2	320	2	-4	0	-4	0	0	0	0	0	502	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	648	0	642	0	637	0	637	0	320	2	320	2	-5	0	-9	0	0	0	0	0	529	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	660	0	657	0	651	0	644	0	320	2	320	2	-11	0	-13	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	669	0	666	0	651	0	646	0	320	2	320	2	-16	0	-20	0	0	0	0	0	531	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	694	0	693	0	675	0	669	0	320	2	320	2	-18	0	-20	0	0	0	0	0	545	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	711	0	705	0	673	0	669	0	320	2	320	2	-34	0	-36	0	0	0	0	0	558	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	696	0	691	0	664	0	660	0	320	2	320	2	-32	0	-32	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	711	0	705	0	678	0	675	0	320	2	320	2	-29	0	-29	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	716	0	711	0	685	0	682	0	320	2	320	2	-29	0	-29	0	0	0	0	0	576	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	685	0	680	0	676	0	671	0	320	2	320	2	-9	0	-9	0	0	0	0	0	561	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	658	0	653	0	662	0	657	0	320	2	320	2	4	0	5	0	0	0	0	0	522	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	655	0	648	0	660	0	655	0	320	2	320	2	5	0	7	0	0	0	0	0	516	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	640	0	633	0	658	0	651	0	320	2	320	2	18	0	20	0	0	0	0	0	505	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	646	0	637	0	657	0	653	0	320	2	320	2	13	0	14	0	0	0	0	0	513	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	621	0	613	0	648	0	642	0	320	2	320	2	29	0	29	0	0	0	0	0	502	0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	100	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	S	S	S	S	S	S	S	S	S	S	S	
100	34	0	41	0	45	0	34	0	0	0	52	0	74	35	59	0	84	37	49	0	54	43	44	0	54	34	0	0	0	0	0	0	0	
200	47	0	51	0	50	0	37	0	0	0	94	0	113	74	106	0	126	83	80	0	93	67	76	0	85	64	0	0	0	0	0	0	0	
300	55	0	55	0	58	0	53	0	0	0	112	0	119	107	127	0	129	125	91	0	93	87	95	0	102	85	0	0	0	0	0	0	0	
400	36	0	35	0	46	0	31	0	0	0	116	0	119	111	128	0	129	125	89	0	91	86	99	0	101	97	0	0	0	0	0	0	0	
500	54	0	57	0	75	0	30	0	0	0	98	0	105	89	105	0	126	102	94	0	98	91	99	0	101	94	0	0	0	0	0	0	0	
600	55	0	55	0	68	0	75	0	0	0	102	0	108	95	109	0	127	83	102	0	121	86	128	0	132	124	0	0	0	0	0	0	0	
700	43	0	51	0	84	0	93	0	0	0	127	0	142	118	141	0	152	125	143	0	145	142	145	0	147	142	0	0	0	0	0	0	0	
800	27	0	35	0	54	0	55	0	0	0	93	0	123	55	106	0	148	79	102	0	144	72	135	0	153	113	0	0	0	0	0	0	0	
900	42	0	45	0	47	0	45	0	0	0	109	0	144	61	116	0	152	57	91	0	174	63	125	0	168	92	0	0	0	0	0	0	0	
1000	66	0	62	0	79	0	64	0	0	0	97	0	130	51	107	0	146	59	92	0	123	65	108	0	134	59	0	0	0	0	0	0	0	
1100	58	0	51	0	81	0	90	0	0	0	96	0	175	43	101	0	168	35	107	0	151	85	120	0	172	82	0	0	0	0	0	0	0	
1200	64	0	62	0	79	0	82	0	0	0	107	0	166	63	116	0	167	38	104	0	156	78	120	0	159	77	0	0	0	0	0	0	0	
1300	79	0	75	0	95	0	90	0	0	0	333	0	35	286	336	0	173	286	0	0	131	316	359	0	167	303	0	0	0	0	0	0	0	
1400	48	0	52	0	63	0	66	0	0	0	31	0	154	340	33	0	151	304	29	0	88	320	26	0	173	323	0	0	0	0	0	0	0	
1500	60	0	61	0	77	0	79	0	0	0	355	0	79	279	8	0	152	205	9	0	56	294	359	0	39	276	0	0	0	0	0	0	0	
1600	51	0	54	0	70	0	73	0	0	0	343	0	37	290	344	0	62	280	4	0	39	299	356	0	71	307	0	0	0	0	0	0	0	
1700	29	0	35	0	47	0	50	0	0	0	349	3	163	277	359	0	151	282	14	0	82	294	9	0	142	274	0	0	0	0	0	0	0	
1800	15	0	20	0	31	0	61	0	0	0	188	3	266	97	189	3	266	104	134	0	173	72	145	0	208	104	0	0	0	0	0	0	0	
1900	34	0	35	0	57	0	58	0	0	0	119	0	183	100	130	0	189	101	106	0	142	82	133	0	146	117	0	0	0	0	0	0	0	
2000	44	0	44	0	74	0	82	0	0	0	100	0	106	91	109	0	128	82	88	0	96	80	116	0	124	107	0	0	0	0	0	0	0	
2100	59	0	64	0	98	0	108	0	0	0	94	0	108	80	103	0	128	82	94	0	107	80	115	0	121	107	0	0	0	0	0	0	0	
2200	69	0	62	0	125	0	137	0	0	0	100	0	111	82	110	0	128	82	105	0	111	99	120	0	123	113	0	0	0	0	0	0	0	
2300	87	0	82	0	131	0	148	0	0	0	106	0	122	94	117	0	147	83	106	0	114	98	123	0	136	107	0	0	0	0	0	0	0	
2400	97	0	52	0	124	0	143	0	0	0	113	0	133	99	126	0	150	102	114	0	135	103	132	0	149	121	0	0	0	0	0	0	0	

	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	S RAIN S
100	613 0	608 0	649 0	642 0	320 2	320 2	36 0	36 0	0 0	0 0	500 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	615 0	606 0	648 0	640 0	320 2	320 2	32 0	34 0	0 0	0 0	496 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	608 0	601 0	644 0	639 0	320 2	320 2	38 0	38 0	0 0	0 0	495 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	608 0	601 0	635 0	630 0	320 2	320 2	29 0	29 0	0 0	0 0	495 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	590 0	583 0	633 0	628 0	320 2	320 2	47 0	47 0	0 0	0 0	487 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	588 0	581 0	619 0	613 0	320 2	320 2	32 0	32 0	0 0	0 0	487 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	592 0	585 0	644 0	639 0	320 2	320 2	52 0	52 0	0 0	0 0	493 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	631 0	630 0	649 0	640 0	320 2	320 2	18 0	16 0	0 0	0 0	475 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	687 0	682 0	687 0	682 0	320 2	320 2	2 0	2 0	0 0	0 0	556 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	718 0	715 0	709 0	705 0	320 2	320 2	-9 0	-11 0	0 0	0 0	501 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	738 0	734 0	718 0	714 0	320 2	320 2	-18 0	-20 0	0 0	0 0	506 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	748 0	743 0	730 0	727 0	320 2	320 2	-13 0	-14 0	0 0	0 0	583 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	748 0	741 0	712 0	707 0	320 2	320 2	-31 0	-31 0	0 0	0 0	579 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	765 0	763 0	725 0	720 0	320 2	320 2	-36 0	-40 0	0 0	0 0	595 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	741 0	735 0	711 0	707 0	320 2	320 2	-29 0	-31 0	0 0	0 0	576 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	750 0	747 0	718 0	714 0	320 2	320 2	-29 0	-32 0	0 0	0 0	503 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	761 0	757 0	732 0	727 0	320 2	320 2	-27 0	-29 0	0 0	0 0	590 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	750 0	742 0	748 0	743 0	320 2	320 2	0 0	2 0	0 0	0 0	506 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	748 0	741 0	750 0	745 0	320 2	320 2	4 0	4 0	0 0	0 0	503 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	711 0	703 0	721 0	716 0	320 2	320 2	13 0	14 0	0 0	0 0	550 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	694 0	687 0	712 0	707 0	320 2	320 2	18 0	20 0	0 0	0 0	540 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	680 0	673 0	702 0	696 0	320 2	320 2	23 0	23 0	0 0	0 0	534 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	671 0	663 0	684 0	678 0	320 2	320 2	14 0	14 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	671 0	663 0	669 0	666 0	320 2	320 2	2 0	2 0	0 0	0 0	529 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0

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

REPORTING RESOLUTION: TEMPERATURE 1 DEGREES, SPEED 1 MPH, DIRECTION 1 DEGREE, RAIN 0.01 INCHES, NET RADIATION 0.01 WATTS

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX 101	WIND DIR2	MIN 150A S	MAX 102	WIND DIR3	MIN 150B S	MAX 103	WIND DIR4	MIN S	MAX 104	WIND DIR5	MIN S	MAX 105	WIND DIR6	MIN S	MAX 106
100	106 0	109 0	135 0	156 0	0 0	0 0	113 0	124 101	125 0	151 82	112 0	128 105	130 0	139 120	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	118 0	116 0	143 0	162 0	0 0	0 0	112 0	125 100	125 0	149 102	110 0	115 102	127 0	138 114	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	99 0	105 0	123 0	142 0	0 0	0 0	112 0	124 99	125 0	148 103	113 0	133 102	131 0	144 119	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	111 0	114 0	138 0	158 0	0 0	0 0	114 0	125 103	127 0	151 104	115 0	129 106	131 0	145 117	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	107 0	112 0	132 0	153 0	0 0	0 0	114 0	124 96	127 0	148 103	117 0	132 106	131 0	149 123	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	90 0	96 0	125 0	140 0	0 0	0 0	113 0	130 104	128 0	160 105	127 0	141 110	137 0	148 122	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	69 0	74 0	97 0	110 0	0 0	0 0	112 0	126 97	125 0	148 80	122 0	143 93	137 0	152 115	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	71 0	76 0	97 0	109 0	0 0	0 0	115 0	148 89	127 0	169 83	126 0	156 96	138 0	159 104	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	62 0	70 0	108 0	121 0	0 0	0 0	123 0	167 70	136 0	172 81	151 0	183 118	155 0	183 132	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	34 0	34 0	62 0	57 0	0 0	0 0	151 0	244 94	161 0	262 103	175 0	218 136	174 0	228 131	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	44 0	45 0	67 0	67 0	0 0	0 0	129 0	177 36	152 0	258 102	161 0	205 93	163 0	203 112	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	63 0	56 0	63 0	72 0	0 0	0 0	265 0	289 241	271 0	289 240	272 0	287 259	266 0	299 243	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	46 0	51 0	69 0	78 0	0 0	0 0	294 0	319 261	294 0	352 259	298 0	310 287	291 0	310 272	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	43 0	46 0	45 0	53 0	0 0	0 0	243 0	281 196	247 0	292 195	249 0	276 206	242 0	281 192	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	53 0	60 0	64 0	73 0	0 0	0 0	252 0	279 221	258 0	306 219	255 0	277 208	249 0	264 203	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	69 0	64 0	118 0	89 0	0 0	0 0	197 0	269 99	206 0	263 105	202 0	252 159	198 0	247 157	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	80 0	84 0	114 0	130 0	0 0	0 0	239 0	264 212	245 0	279 214	235 0	246 217	230 0	243 212	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	61 0	56 0	97 0	99 0	0 0	0 0	216 0	265 157	224 0	265 170	220 0	239 204	216 0	234 191	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	53 0	51 0	87 0	85 0	0 0	0 0	210 0	239 153	218 0	262 128	218 0	239 203	214 0	232 197	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	37 0	38 0	107 0	72 0	0 0	0 0	173 0	248 105	180 0	241 124	198 0	204 190	195 0	203 185	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	36 0	33 0	108 0	71 0	0 0	0 0	187 0	226 111	196 0	264 102	204 0	212 197	200 0	211 190	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	40 0	42 0	113 0	75 0	0 0	0 0	183 0	247 104	193 0	260 105	199 0	213 184	194 0	214 171	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	60 0	56 0	144 0	97 0	0 0	0 0	188 0	254 102	193 0	261 106	203 0	216 179	199 0	220 165	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	59 0	53 0	132 0	110 0	0 0	0 0	194 0	248 143	201 0	263 103	212 0	232 193	210 0	228 190	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

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	666 0	660 0	666 0	660 0	320 2	320 2	0 0	0 0	0 0	527 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	658 0	651 0	653 0	649 0	320 2	320 2	2 0	-2 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	657 0	651 0	653 0	649 0	320 2	320 2	-4 0	-4 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	657 0	649 0	649 0	644 0	320 2	320 2	-4 0	-5 0	0 0	523 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	655 0	649 0	651 0	646 0	320 2	320 2	-4 0	-4 0	0 0	522 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	649 0	642 0	649 0	642 0	320 2	320 2	0 0	0 0	0 0	518 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	655 0	651 0	649 0	644 0	320 2	320 2	-5 0	-5 0	0 0	525 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	685 0	682 0	669 0	666 0	320 2	320 2	-16 0	-16 0	0 0	547 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	718 0	714 0	693 0	687 0	320 2	320 2	-23 0	-25 0	0 0	565 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	747 0	743 0	716 0	711 0	320 2	320 2	-31 0	-32 0	0 0	581 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	797 0	795 0	752 0	750 0	320 2	320 2	-43 0	-45 0	0 0	622 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	759 0	754 0	738 0	732 0	320 2	320 2	-18 0	-18 0	0 0	597 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	741 0	736 0	707 0	703 0	320 2	320 2	-34 0	-34 0	0 0	588 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	774 0	775 0	759 0	757 0	320 2	320 2	-18 0	-16 0	0 0	612 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	793 0	790 0	775 0	772 0	320 2	320 2	-18 0	-18 0	0 0	615 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	822 0	817 0	799 0	795 0	320 2	320 2	-22 0	-22 0	0 0	622 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	793 0	788 0	793 0	788 0	320 2	320 2	2 0	0 0	0 0	619 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	806 0	801 0	795 0	790 0	320 2	320 2	-11 0	-11 0	0 0	613 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	784 0	779 0	784 0	779 0	320 2	320 2	0 0	0 0	0 0	597 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	756 0	748 0	774 0	768 0	320 2	320 2	20 0	20 0	0 0	574 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	743 0	736 0	757 0	750 0	320 2	320 2	14 0	16 0	0 0	567 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	732 0	725 0	745 0	739 0	320 2	320 2	14 0	14 0	0 0	561 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	727 0	721 0	736 0	729 0	320 2	320 2	9 0	9 0	0 0	559 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	723 0	719 0	736 0	729 0	320 2	320 2	13 0	13 0	0 0	558 0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	50	B S	50	B S	150A	S	150B	S	50	B S	150A	S	150B	S	50	B S	150A	S	150B	S	50	B S
100	61	0	53	0	131	0	98	0	0	0	0	0	197	0	256	143	202	0	262	146	208	0	221	201	204	0	225	171	0	0	0	0	0	0
200	60	0	53	0	117	0	110	0	0	0	0	0	206	0	235	164	211	0	261	150	217	0	234	207	214	0	237	197	0	0	0	0	0	0
300	63	0	55	0	122	0	109	0	0	0	0	0	202	0	237	132	210	0	261	126	213	0	227	195	209	0	228	180	0	0	0	0	0	0
400	85	0	79	0	135	0	139	0	0	0	0	0	218	0	264	174	223	0	263	151	224	0	242	204	220	0	243	183	0	0	0	0	0	0
500	92	0	82	0	143	0	138	0	0	0	0	0	226	0	259	173	233	0	264	161	232	0	254	211	227	0	258	195	0	0	0	0	0	0
600	134	0	131	0	183	0	207	0	0	0	0	0	240	0	264	187	247	0	286	217	252	0	267	208	244	0	261	223	0	0	0	0	0	0
700	111	0	121	0	146	0	152	0	0	0	0	0	255	0	276	224	260	0	286	230	269	0	292	251	261	0	288	236	0	0	0	0	0	0
800	22	0	26	0	46	0	52	0	0	0	0	0	283	3	355	223	286	3	354	194	333	0	358	311	325	0	355	303	0	0	0	0	0	0
900	84	0	84	0	142	0	142	0	0	0	0	0	354	0	95	302	357	0	83	277	1	0	31	340	354	0	45	327	0	0	0	0	0	0
1000	89	0	89	0	140	0	143	0	0	0	0	0	338	0	13	296	341	0	58	286	348	0	21	339	344	0	37	330	0	0	0	0	0	0
1100	86	0	88	0	140	0	147	0	0	0	0	0	324	0	28	272	327	0	55	275	338	0	5	309	330	0	9	295	0	0	0	0	0	0
1200	76	0	81	0	91	0	94	0	0	0	0	0	307	0	353	266	311	0	351	262	329	0	357	303	320	0	348	268	0	0	0	0	0	0
1300	77	0	81	0	99	0	105	0	0	0	0	0	299	0	344	262	302	0	352	219	321	0	333	311	311	0	328	292	0	0	0	0	0	0
1400	63	0	69	0	85	0	89	0	0	0	0	0	305	0	25	275	303	0	342	216	328	0	350	301	318	0	353	284	0	0	0	0	0	0
1500	55	0	58	0	59	0	68	0	0	0	0	0	281	0	351	235	282	0	353	215	291	0	314	229	284	0	356	203	0	0	0	0	0	0
1600	63	0	64	0	63	0	52	0	0	0	0	0	254	0	291	211	259	0	308	196	266	0	291	238	258	0	286	226	0	0	0	0	0	0
1700	62	0	68	0	67	0	76	0	0	0	0	0	266	0	290	237	270	0	327	223	275	0	293	256	269	0	286	243	0	0	0	0	0	0
1800	62	0	67	0	78	0	90	0	0	0	0	0	242	0	259	221	249	0	265	217	265	0	274	257	257	0	270	247	0	0	0	0	0	0
1900	73	0	79	0	100	0	113	0	0	0	0	0	235	0	259	185	244	0	284	193	252	0	269	235	245	0	260	220	0	0	0	0	0	0
2000	91	0	92	0	126	0	141	0	0	0	0	0	248	0	273	225	254	0	285	218	272	0	284	260	263	0	274	254	0	0	0	0	0	0
2100	123	0	113	0	182	0	198	0	0	0	0	0	295	0	317	275	303	0	331	263	312	0	314	303	300	0	310	294	0	0	0	0	0	0
2200	166	0	168	0	236	0	255	0	0	0	0	0	291	0	307	276	296	0	331	260	310	0	313	303	299	0	302	293	0	0	0	0	0	0
2300	162	0	160	0	225	0	235	0	0	0	0	0	305	0	329	282	306	0	350	238	321	0	330	312	311	0	317	293	0	0	0	0	0	0
2400	120	0	127	0	177	0	187	0	0	0	0	0	307	0	333	264	309	0	348	238	325	0	331	320	316	0	325	304	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		S RAIN	
	30	A S	30	B S	180A	S	180B	S	50	A S	50	A S	180A	S	180B	S	50	A S	50	A S	50	B S	50	B S	50	B S	50	B S	50	B S	50	B S	50	B S	50	B S
100	721	0	716	0	729	0	723	0	320	2	320	2	9	0	9	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	721	0	716	0	730	0	725	0	320	2	320	2	9	0	9	0	0	0	0	0	556	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	725	0	718	0	729	0	721	0	320	2	320	2	4	0	4	0	0	0	0	0	558	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	732	0	727	0	734	0	727	0	320	2	320	2	2	0	2	0	0	0	0	0	559	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	732	0	727	0	729	0	723	0	320	2	320	2	-4	0	-4	0	0	0	0	0	543	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	702	0	694	0	707	0	707	0	320	2	320	2	5	0	7	0	0	0	0	0	312	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	684	0	676	0	687	0	682	0	320	2	320	2	2	0	4	0	0	0	0	0	299	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	669	0	664	0	671	0	666	0	320	2	320	2	4	0	4	0	0	0	0	0	279	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	676	0	671	0	675	0	669	0	320	2	320	2	-2	0	-2	0	0	0	0	0	294	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	680	0	675	0	675	0	669	0	320	2	320	2	-5	0	-4	0	0	0	0	0	301	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	691	0	685	0	671	0	667	0	320	2	320	2	-20	0	-20	0	0	0	0	0	315	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	705	0	700	0	671	0	667	0	320	2	320	2	-34	0	-32	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	720	0	716	0	667	0	664	0	320	2	320	2	-52	0	-52	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	727	0	721	0	676	0	671	0	320	2	320	2	-50	0	-50	0	0	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	729	0	723	0	680	0	676	0	320	2	320	2	-49	0	-47	0	0	0	0	0	329	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	732	0	725	0	702	0	698	0	320	2	320	2	-20	0	-18	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	727	0	720	0	702	0	698	0	320	2	320	2	-23	0	-23	0	0	0	0	0	331	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	698	0	691	0	689	0	684	0	320	2	320	2	-7	0	-7	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	680	0	675	0	678	0	673	0	320	2	320	2	-2	0	-2	0	0	0	0	0	314	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	662	0	655	0	678	0	673	0	320	2	320	2	20	0	20	0	0	0	0	0	296	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	678	0	673	0	700	0	694	0	320	2	320	2	20	0	22	0	0	0	0	0	303	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	678	0	673	0	696	0	691	0	320	2	320	2	18	0	18	0	0	0	0	0	305	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	685	0	680	0	691	0	685	0	320	2	320	2	5	0	7	0	0	0	0	0	306	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	676	0	669	0	684	0	678	0	320	2	320	2	7	0	7	0	0	0	0	0	303	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6							
	50	A	S	50	B	S	150A	S	150B	S		50	A	S			50	B	S			150A	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			
100	88	0		89	0		149	0	155	0		0	0			314	0	2	271			320	0	36	277	336	0	350	303	327	0	352	295			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
200	86	0		93	0		143	0	149	0		0	0			329	0	7	272			335	0	17	283	342	0	351	327	333	0	353	291			0	0	0	0	0	0	0	0	0	0	0	0	0		
300	72	0		75	0		116	0	120	0		0	0			351	0	47	274			359	0	59	285	1	0	33	323	353	0	36	313			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
400	45	0		46	0		61	0	66	0		0	0			98	0	119	75			108	0	128	79	86	0	95	77	106	0	119	90			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
500	38	0		41	0		65	0	73	0		0	0			102	0	114	80			109	0	128	83	86	0	97	73	117	0	129	108			0	0	0	0	0	0	0	0	0	0	0	0	0		
600	17	0		22	0		33	0	38	0		0	0			115	3	175	57			126	3	171	59	46	0	85	335	39	0	107	290			0	0	0	0	0	0	0	0	0	0	0	0	0		
700	27	0		31	0		63	0	64	0		0	0			17	3	75	332			25	0	148	307	4	0	53	331	355	0	40	313			0	0	0	0	0	0	0	0	0	0	0	0	0		
800	35	0		42	0		61	0	64	0		0	0			347	0	53	289			352	0	61	283	353	0	53	326	347	0	47	307			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	58	0		57	0		77	0	72	0		0	0			321	0	15	271			327	0	35	283	334	0	11	307	326	0	6	290			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	68	0		70	0		96	0	92	0		0	0			305	0	347	254			307	0	354	237	326	0	359	306	315	0	354	287			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	79	0		80	0		99	0	103	0		0	0			295	0	335	265			295	0	339	260	312	0	324	301	301	0	307	292			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	85	0		87	0		105	0	113	0		0	0			257	0	295	214			261	0	307	217	277	0	299	253	269	0	301	231			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	93	0		101	0		117	0	128	0		0	0			255	0	285	211			262	0	319	217	262	0	276	235	253	0	271	213			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	94	0		93	0		108	0	110	0		0	0			240	0	272	205			245	0	299	193	254	0	270	248	247	0	269	235			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	74	0		76	0		74	0	80	0		0	0			259	0	291	236			264	0	304	238	271	0	287	254	263	0	276	243			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	72	0		73	0		63	0	75	0		0	0			269	0	293	215			275	0	309	237	255	0	278	214	248	0	276	206			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	91	0		95	0		116	0	130	0		0	0			241	0	271	213			249	0	283	214	257	0	280	246	251	0	290	223			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	68	0		68	0		90	0	98	0		0	0			295	0	327	272			300	0	353	258	312	0	320	302	301	0	310	294			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	22	0		30	0		49	0	59	0		0	0			292	3	354	207			298	3	354	215	304	0	325	281	297	0	325	270			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	50	0		45	0		69	0	78	0		0	0			216	0	233	197			221	0	241	192	241	0	267	226	235	0	259	214			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	53	0		60	0		68	0	76	0		0	0			249	0	292	203			254	0	328	192	267	0	342	234	260	0	341	224			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	36	0		46	0		57	0	70	0		0	0			51	0	73	24			57	0	106	17	51	0	70	32	46	0	70	29			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	30	0		37	0		46	0	57	0		0	0			63	3	103	14			70	0	125	16	62	0	88	36	56	0	100	25			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	44	0		46	0		77	0	82	0		0	0			81	0	102	56			89	0	126	60	86	0	91	77	82	0	90	73			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	AMB. TEM1 30 A	AMB. TEM2 30 B	AMB. TEM3 180A	AMB. TEM4 180B	AMB. TEM5 S	AMB. TEMP6 S	D.T. 1 180A	D.T. 2 180B	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	S	RAIN	S
100	667 0	662 0	675 0	669 0	320 2	320 2	7 0	9 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
200	662 0	657 0	669 0	664 0	320 2	320 2	7 0	7 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
300	657 0	649 0	658 0	653 0	320 2	320 2	2 0	4 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
400	601 0	594 0	603 0	595 0	320 2	320 2	2 0	4 0	0 0	0 0	281 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
500	590 0	593 0	601 0	595 0	320 2	320 2	11 0	13 0	0 0	0 0	276 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
600	585 0	577 0	603 0	595 0	320 2	320 2	18 0	20 0	0 0	0 0	274 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
700	615 0	608 0	621 0	615 0	320 2	320 2	9 0	9 0	0 0	0 0	287 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
800	639 0	635 0	626 0	621 0	320 2	320 2	-11 0	-13 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
900	666 0	653 0	631 0	626 0	320 2	320 2	-20 0	-22 0	0 0	0 0	303 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1000	671 0	660 0	637 0	630 0	320 2	320 2	-25 0	-25 0	0 0	0 0	310 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1100	676 0	667 0	630 0	625 0	320 2	320 2	-40 0	-40 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1200	671 0	662 0	640 0	635 0	320 2	320 2	-25 0	-25 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1300	660 0	653 0	637 0	630 0	320 2	320 2	-18 0	-18 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1400	653 0	646 0	631 0	626 0	320 2	320 2	-11 0	-13 0	0 0	0 0	301 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1500	657 0	649 0	640 0	637 0	320 2	320 2	-11 0	-11 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1600	667 0	662 0	653 0	651 0	320 2	320 2	-13 0	-13 0	0 0	0 0	317 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1700	653 0	646 0	640 0	635 0	320 2	320 2	-13 0	-13 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1800	684 0	676 0	657 0	653 0	320 2	320 2	-25 0	-23 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1900	658 0	651 0	657 0	653 0	320 2	320 2	2 0	0 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2000	630 0	622 0	640 0	633 0	320 2	320 2	11 0	11 0	0 0	0 0	296 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2100	637 0	631 0	633 0	628 0	320 2	320 2	-2 0	-2 0	0 0	0 0	296 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2200	626 0	621 0	630 0	624 0	320 2	320 2	5 0	5 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2300	608 0	601 0	617 0	612 0	320 2	320 2	9 0	11 0	0 0	0 0	290 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2400	595 0	588 0	603 0	595 0	320 2	320 2	7 0	9 0	0 0	0 0	283 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150E S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	36 0	40 0	66 0	74 0	0 0	0 0	82 0	103	65	88 0	127	57	78 0	89	69	76 0	88	60	0 0	0 0	0 0	0 0	0 0	
200	39 0	42 0	69 0	75 0	0 0	0 0	106 0	120	94	117 0	129	104	93 0	95	87	97 0	115	91	0 0	0 0	0 0	0 0	0 0	
300	38 0	41 0	67 0	75 0	0 0	0 0	146 0	189	112	153 0	193	105	132 0	144	98	141 0	147	133	0 0	0 0	0 0	0 0	0 0	
400	44 0	47 0	44 0	39 0	0 0	0 0	170 0	202	137	179 0	216	104	179 0	204	165	177 0	203	165	0 0	0 0	0 0	0 0	0 0	
500	54 0	54 0	40 0	28 0	0 0	0 0	184 0	200	161	193 0	216	169	201 0	219	186	198 0	213	180	0 0	0 0	0 0	0 0	0 0	
600	52 0	45 0	48 0	51 0	0 0	0 0	188 0	206	171	195 0	219	170	220 0	245	206	218 0	234	203	0 0	0 0	0 0	0 0	0 0	
700	15 0	21 0	33 0	40 0	0 0	0 0	112 3	265	13	83 3	170	12	216 0	264	92	206 0	260	91	0 0	0 0	0 0	0 0	0 0	
800	15 0	17 0	17 0	22 0	0 0	0 0	235 3	356	181	243 3	354	192	206 0	266	93	196 0	268	93	0 0	0 0	0 0	0 0	0 0	
900	25 0	30 0	26 0	31 0	0 0	0 0	284 0	339	206	284 3	347	216	322 3	35	273	302 0	347	231	0 0	0 0	0 0	0 0	0 0	
1000	31 0	35 0	35 0	40 0	0 0	0 0	269 0	347	190	271 0	358	193	280 0	332	186	274 0	338	180	0 0	0 0	0 0	0 0	0 0	
1100	26 0	30 0	35 0	40 0	0 0	0 0	68 3	167	21	76 3	128	3	74 0	91	9	76 0	119	4	0 0	0 0	0 0	0 0	0 0	
1200	53 0	60 0	68 0	76 0	0 0	0 0	26 0	79	325	30 0	104	331	37 0	76	10	30 0	74	354	0 0	0 0	0 0	0 0	0 0	
1300	83 0	85 0	108 0	108 0	0 0	0 0	17 0	63	327	19 0	62	331	25 0	44	8	15 0	43	344	0 0	0 0	0 0	0 0	0 0	
1400	77 0	77 0	96 0	90 0	0 0	0 0	12 0	48	283	19 0	84	327	17 0	44	329	7 0	45	329	0 0	0 0	0 0	0 0	0 0	
1500	68 0	70 0	92 0	98 0	0 0	0 0	334 0	39	286	338 0	39	285	356 0	32	313	347 0	23	291	0 0	0 0	0 0	0 0	0 0	
1600	57 0	60 0	85 0	92 0	0 0	0 0	3 0	173	275	11 0	106	283	11 0	45	331	359 0	52	279	0 0	0 0	0 0	0 0	0 0	
1700	58 0	65 0	90 0	97 0	0 0	0 0	15 0	57	286	22 0	104	282	14 0	53	333	5 0	51	302	0 0	0 0	0 0	0 0	0 0	
1800	84 0	89 0	106 0	109 0	0 0	0 0	22 0	50	342	26 0	82	331	24 0	41	354	13 0	56	344	0 0	0 0	0 0	0 0	0 0	
1900	78 0	83 0	100 0	102 0	0 0	0 0	29 0	68	1	32 0	62	353	34 0	56	22	26 0	56	6	0 0	0 0	0 0	0 0	0 0	
2000	57 0	68 0	89 0	106 0	0 0	0 0	56 0	82	33	62 0	103	16	57 0	67	49	54 0	63	44	0 0	0 0	0 0	0 0	0 0	
2100	49 0	52 0	77 0	88 0	0 0	0 0	41 0	57	31	46 0	62	35	48 0	52	43	41 0	50	33	0 0	0 0	0 0	0 0	0 0	
2200	43 0	56 0	66 0	80 0	0 0	0 0	56 0	72	46	61 0	81	38	50 0	53	43	44 0	54	34	0 0	0 0	0 0	0 0	0 0	
2300	35 0	43 0	62 0	66 0	0 0	0 0	57 0	67	52	62 0	84	58	44 0	52	31	35 0	46	22	0 0	0 0	0 0	0 0	0 0	
2400	29 0	37 0	59 0	62 0	0 0	0 0	59 3	68	50	65 0	81	58	42 0	50	30	33 0	46	23	0 0	0 0	0 0	0 0	0 0	

	AMB. TEM1 30 A S	AMB. TEM2 30 B S	AMB. TEM3 180A S	AMB. TEM4 180E 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	B RAIN B
100	585 0	579 0	597 0	594 0	320 2	320 2	13 0	14 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	579 0	572 0	585 0	579 0	320 2	320 2	5 0	7 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	577 0	572 0	590 0	585 0	320 2	320 2	13 0	13 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	574 0	568 0	590 0	585 0	320 2	320 2	16 0	16 0	0 0	0 0	278 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	579 0	572 0	594 0	588 0	320 2	320 2	16 0	16 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	583 0	576 0	601 0	595 0	320 2	320 2	20 0	20 0	0 0	0 0	281 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	577 0	570 0	594 0	588 0	320 2	320 2	18 0	18 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	631 0	622 0	619 0	613 0	320 2	320 2	-7 0	-7 0	0 0	0 0	305 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	667 0	662 0	646 0	642 0	320 2	320 2	-18 0	-18 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	662 0	657 0	639 0	633 0	320 2	320 2	-16 0	-16 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	684 0	680 0	651 0	646 0	320 2	320 2	-29 0	-34 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	666 0	661 0	639 0	633 0	320 2	320 2	-25 0	-29 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	631 0	626 0	613 0	608 0	320 2	320 2	-18 0	-18 0	0 0	0 0	314 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	662 0	657 0	631 0	626 0	320 2	320 2	-23 0	-25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	675 0	671 0	630 0	625 0	320 2	320 2	-43 0	-45 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	667 0	664 0	630 0	624 0	320 2	320 2	-36 0	-38 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	651 0	648 0	619 0	613 0	320 2	320 2	-31 0	-34 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	621 0	613 0	610 0	604 0	320 2	320 2	-9 0	-11 0	0 0	0 0	303 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	617 0	610 0	608 0	603 0	320 2	320 2	-7 0	-7 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	588 0	581 0	601 0	595 0	320 2	320 2	13 0	14 0	0 0	0 0	287 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	577 0	570 0	597 0	592 0	320 2	320 2	20 0	22 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	568 0	559 0	595 0	590 0	320 2	320 2	29 0	31 0	0 0	0 0	278 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	577 0	572 0	597 0	592 0	320 2	320 2	20 0	22 0	0 0	0 0	281 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	586 0	581 0	603 0	597 0	320 2	320 2	16 0	16 0	0 0	0 0	287 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6		
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S				50	B S	S				150A	S	S				150B	S	S				S			S			S			S		
100	33	0	36	0	38	0	43	0	0 0	0 0	0 0	100	0	115	80	114	0	129	83	82	0	92	67	79	0	94	57	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	0 0	0 0	0 0	0 0	0 0
200	41	0	45	0	63	0	67	0	0 0	0 0	0 0	84	0	99	70	94	0	126	80	85	0	91	75	80	0	93	71	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	0 0	0 0	0 0	0 0	0 0
300	36	0	41	0	55	0	59	0	0 0	0 0	0 0	94	0	108	79	103	0	129	83	91	0	95	89	90	0	99	81	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	0 0	0 0	0 0	0 0	0 0
400	39	0	41	0	61	0	66	0	0 0	0 0	0 0	111	0	120	96	124	0	149	104	90	0	94	77	96	0	119	84	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	0 0	0 0	0 0	0 0	0 0
500	35	0	39	0	46	0	51	0	0 0	0 0	0 0	128	0	139	118	140	0	152	125	78	0	97	72	116	0	127	106	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	0 0	0 0	0 0	0 0	0 0
600	13	0	13	0	19	0	25	0	0 0	0 0	0 0	93	3	113	51	103	3	127	57	69	3	92	27	63	3	102	15	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	0 0	0 0	0 0	0 0	0 0
700	26	0	26	0	32	0	43	0	0 0	0 0	0 0	91	3	112	68	102	3	127	80	63	0	76	52	59	0	77	47	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	0 0	0 0	0 0	0 0	
800	28	0	29	0	51	0	57	0	0 0	0 0	0 0	127	0	177	51	128	3	173	57	141	0	168	61	143	0	166	59	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	0 0	0 0	0 0	0 0	
900	41	0	48	0	45	0	42	0	0 0	0 0	0 0	285	0	356	234	292	0	354	237	316	0	357	250	310	0	359	253	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	0 0	0 0	0 0	0 0	0 0
1000	39	0	43	0	50	0	53	0	0 0	0 0	0 0	323	0	36	277	331	0	173	282	355	0	35	304	348	0	42	307	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	0 0	0 0	0 0	0 0	0 0
1100	62	0	71	0	73	0	71	0	0 0	0 0	0 0	316	0	8	283	321	0	38	282	336	0	5	302	328	0	9	290	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	0 0	0 0	0 0	0 0	0 0
1200	59	0	66	0	83	0	83	0	0 0	0 0	0 0	323	0	26	275	327	0	50	282	343	0	28	301	336	0	31	282	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	0 0	0 0	0 0	0 0	0 0
1300	73	0	68	0	99	0	90	0	0 0	0 0	0 0	325	0	45	273	330	0	14	282	337	0	13	297	326	0	359	281	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	0 0	0 0	0 0	0 0	
1400	58	0	64	0	80	0	85	0	0 0	0 0	0 0	317	0	357	298	329	0	17	282	340	0	0	313	333	0	3	296	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	0 0	0 0	0 0	0 0	
1500	78	0	61	0	100	0	101	0	0 0	0 0	0 0	325	0	9	276	332	0	21	282	342	0	6	308	337	0	10	297	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	0 0	0 0	0 0	0 0	
1600	73	0	79	0	102	0	104	0	0 0	0 0	0 0	336	0	20	297	339	0	39	282	345	0	9	326	340	0	0	314	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	0 0	0 0	0 0	0 0	
1700	52	0	57	0	83	0	89	0	0 0	0 0	0 0	355	0	50	288	1	0	80	286	2	0	40	308	352	0	32	301	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	0 0	0 0	0 0	0 0	
1800	48	0	54	0	64	0	68	0	0 0	0 0	0 0	24	0	68	336	29	0	106	329	22	0	48	329	13	0	50	313	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	0 0	0 0	0 0	0 0	
1900	47	0	51	0	72	0	75	0	0 0	0 0	0 0	31	0	75	4	39	0	83	353	35	0	57	23	27	0	47	7	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	0 0	0 0	0 0	0 0	
2000	32	0	43	0	55	0	68	0	0 0	0 0	0 0	48	0	58	37	55	0	62	36	54	0	66	52	51	0	60	46	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	0 0	0 0	0 0	0 0	
2100	43	0	48	0	69	0	71	0	0 0	0 0	0 0	36	0	63	21	45	0	62	15	39	0	45	25	29	0	39	18	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	0 0	0 0	0 0	0 0	
2200	46	0	57	0	80	0	94	0	0 0	0 0	0 0	59	0	65	51	62	0	81	57	62	0	66	54	57	0	63	53	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	0 0	0 0	0 0		
2300	49	0	55	0	81	0	99	0	0 0	0 0	0 0	69	0	84	59	79	0	107	60	64	0	69	58	60	0	66	51	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	0 0	0 0	0 0		
2400	52	0	54	0	78	0	97	0	0 0	0 0	0 0	78	0	85	67	84	0	104	60	69	0	75	67	65	0	70	62	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	0 0	0 0	0 0		

	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	S RAIN	S
100	588 0	581 0	595 0	590 0	320 2	320 2	9 0	9 0	0 0	0 0	287 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	586 0	579 0	586 0	581 0	320 2	320 2	2 0	2 0	0 0	0 0	287 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	583 0	576 0	583 0	579 0	320 2	320 2	2 0	2 0	0 0	0 0	285 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	579 0	572 0	592 0	586 0	320 2	320 2	13 0	13 0	0 0	0 0	283 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	579 0	574 0	592 0	586 0	320 2	320 2	13 0	14 0	0 0	0 0	283 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	579 0	574 0	594 0	586 0	320 2	320 2	14 0	14 0	0 0	0 0	285 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	583 0	576 0	597 0	594 0	320 2	320 2	16 0	16 0	0 0	0 0	287 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	608 0	601 0	606 0	601 0	320 2	320 2	0 0	0 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	657 0	651 0	626 0	626 0	320 2	320 2	-18 0	-18 0	0 0	0 0	310 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	658 0	651 0	626 0	622 0	320 2	320 2	-29 0	-29 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	673 0	671 0	630 0	626 0	320 2	320 2	-34 0	-32 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	680 0	675 0	631 0	628 0	320 2	320 2	-43 0	-45 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	693 0	675 0	628 0	622 0	320 2	320 2	-49 0	-52 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	687 0	684 0	633 0	628 0	320 2	320 2	-52 0	-54 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	685 0	680 0	635 0	630 0	320 2	320 2	-47 0	-47 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	676 0	671 0	640 0	635 0	320 2	320 2	-36 0	-36 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	680 0	676 0	649 0	646 0	320 2	320 2	-29 0	-31 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	673 0	669 0	649 0	642 0	320 2	320 2	-23 0	-27 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	640 0	633 0	635 0	630 0	320 2	320 2	-5 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	595 0	588 0	622 0	617 0	320 2	320 2	29 0	29 0	0 0	0 0	292 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	608 0	599 0	622 0	619 0	320 2	320 2	18 0	18 0	0 0	0 0	290 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	585 0	576 0	615 0	610 0	320 2	320 2	32 0	34 0	0 0	0 0	285 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	579 0	572 0	615 0	610 0	320 2	320 2	36 0	40 0	0 0	0 0	283 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	577 0	568 0	608 0	603 0	320 2	320 2	32 0	34 0	0 0	0 0	281 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

	WIND SPD1 50 A S		WIND SPD2 50 B S		WIND SPD3 150A S		WIND SPD4 150B S		WIND SPD5 S		WIND SPD6 50 A S		WIND DIR1		MIN 50 B S		MAX 150A S		WIND DIR2		MIN 150A S		MAX 150B S		WIND DIR3		MIN 150B S		MAX DIR4		MIN MAX DIR5 S		MIN MAX DIR6 S		WIND DIR6	
100	51	0	53	0	74	0	92	0	0	0	0	0	81	0	90	71	89	0	104	80	70	0	76	66	66	0	74	61	0	0	0	0	0	0	0	0
200	61	0	62	0	85	0	106	0	0	0	0	73	0	82	67	81	0	84	60	64	0	69	60	60	0	66	55	0	0	0	0	0	0	0	0	
300	63	0	64	0	102	0	106	0	0	0	0	106	0	112	100	120	0	129	105	80	0	90	73	78	0	84	74	0	0	0	0	0	0	0	0	
400	60	0	61	0	101	0	103	0	0	0	0	105	0	112	98	119	0	129	105	89	0	90	88	82	0	85	79	0	0	0	0	0	0	0	0	
500	67	0	69	0	108	0	111	0	0	0	0	90	0	97	83	102	0	106	83	89	0	93	88	86	0	91	84	0	0	0	0	0	0	0	0	
600	66	0	68	0	140	0	141	0	0	0	0	89	0	115	81	96	0	107	69	88	0	124	84	82	0	116	79	0	0	0	0	0	0	0	0	
700	61	0	64	0	124	0	130	0	0	0	0	94	0	103	82	106	0	128	81	92	0	94	90	90	0	94	88	0	0	0	0	0	0	0	0	
800	64	0	64	0	75	0	83	0	0	0	0	94	0	123	70	103	0	149	59	91	0	95	83	99	0	123	74	0	0	0	0	0	0	0	0	
900	70	0	65	0	88	0	92	0	0	0	0	94	0	127	64	102	0	148	61	93	0	103	87	98	0	116	62	0	0	0	0	0	0	0	0	
1000	65	0	62	0	77	0	75	0	0	0	0	93	0	122	34	102	0	150	37	88	0	115	73	105	0	161	55	0	0	0	0	0	0	0	0	
1100	42	0	45	0	52	0	52	0	0	0	0	87	0	171	2	99	0	173	13	96	0	170	40	124	0	168	43	0	0	0	0	0	0	0	0	
1200	57	0	54	0	76	0	65	0	0	0	0	323	0	106	272	325	0	58	282	340	0	17	296	332	0	9	287	0	0	0	0	0	0	0	0	
1300	62	0	67	0	76	0	78	0	0	0	0	332	0	21	279	334	0	15	285	341	0	0	319	337	0	5	289	0	0	0	0	0	0	0	0	
1400	64	0	67	0	82	0	79	0	0	0	0	339	0	104	284	346	0	84	275	354	0	55	296	348	0	62	313	0	0	0	0	0	0	0	0	
1500	77	0	76	0	99	0	91	0	0	0	0	334	0	49	284	337	0	52	283	350	0	31	327	342	0	29	301	0	0	0	0	0	0	0	0	
1600	82	0	85	0	97	0	100	0	0	0	0	334	0	17	276	336	0	57	283	347	0	28	308	341	0	20	286	0	0	0	0	0	0	0	0	
1700	70	0	75	0	85	0	86	0	0	0	0	22	0	58	339	28	0	107	328	29	0	52	7	20	0	54	352	0	0	0	0	0	0	0	0	
1800	84	0	95	0	105	0	112	0	0	0	0	42	0	75	22	44	0	83	354	43	0	60	26	37	0	71	1	0	0	0	0	0	0	0	0	
1900	41	0	51	0	70	0	74	0	0	0	0	53	0	77	24	55	0	84	327	59	0	80	52	56	0	92	43	0	0	0	0	0	0	0	0	
2000	40	0	47	0	67	0	79	0	0	0	0	68	0	84	59	77	0	103	60	61	0	67	53	57	0	67	48	0	0	0	0	0	0	0	0	
2100	73	0	76	0	124	0	128	0	0	0	0	86	0	105	75	95	0	107	59	88	0	89	88	81	0	83	79	0	0	0	0	0	0	0	0	
2200	81	0	66	0	145	0	153	0	0	0	0	91	0	103	76	101	0	127	80	94	0	96	92	94	0	97	91	0	0	0	0	0	0	0	0	
2300	92	0	69	0	173	0	186	0	0	0	0	103	0	114	81	113	0	147	79	102	0	104	99	110	0	115	104	0	0	0	0	0	0	0	0	
2400	100	0	95	0	162	0	173	0	0	0	0	104	0	128	90	116	0	128	83	108	0	135	104	119	0	144	113	0	0	0	0	0	0	0	0	

	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	MISC 8 S	RAIN S
100	574 0	557 0	606 0	601 0	320 2	320 2	32 0	34 0	0 0	0 0	281 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	565 0	556 0	604 0	601 0	320 2	320 2	41 0	45 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	552 0	543 0	597 0	592 0	320 2	320 2	47 0	49 0	0 0	0 0	274 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	556 0	549 0	599 0	594 0	320 2	320 2	45 0	45 0	0 0	0 0	274 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	541 0	534 0	594 0	588 0	320 2	320 2	52 0	54 0	0 0	0 0	270 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	525 0	516 0	572 0	557 0	320 2	320 2	50 0	52 0	0 0	0 0	260 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	538 0	532 0	563 0	558 0	320 2	320 2	25 0	25 0	0 0	0 0	276 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	577 0	574 0	559 0	556 0	320 2	320 2	-18 0	-20 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	622 0	619 0	601 0	597 0	320 2	320 2	-20 0	-22 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	680 0	673 0	653 0	649 0	320 2	320 2	-18 0	-22 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	705 0	702 0	684 0	682 0	320 2	320 2	-14 0	-16 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	707 0	693 0	651 0	648 0	320 2	320 2	-40 0	-41 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	675 0	671 0	646 0	640 0	320 2	320 2	-29 0	-29 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	703 0	698 0	660 0	655 0	320 2	320 2	-36 0	-36 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	714 0	705 0	662 0	657 0	320 2	320 2	-40 0	-41 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	693 0	667 0	658 0	655 0	320 2	320 2	-32 0	-34 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	685 0	680 0	667 0	664 0	320 2	320 2	-16 0	-18 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	673 0	667 0	658 0	653 0	320 2	320 2	-13 0	-13 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	649 0	642 0	653 0	646 0	320 2	320 2	7 0	9 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	633 0	626 0	653 0	648 0	320 2	320 2	18 0	20 0	0 0	0 0	310 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	633 0	626 0	653 0	649 0	320 2	320 2	20 0	22 0	0 0	0 0	310 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	619 0	612 0	637 0	631 0	320 2	320 2	20 0	22 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	597 0	592 0	633 0	629 0	320 2	320 2	38 0	38 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	606 0	599 0	626 0	621 0	320 2	320 2	23 0	23 0	0 0	0 0	308 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 150A		MAX S		WIND DIR3		MIN 150B		MAX S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6							
	50	A S	50	B S	150A	S	150B	S		S	50	A	S			50	B	S			150A	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S				
100	98	0	92	0	161	0	154	0	0	0	0	0	103	0	128	67			111	0	128	37	102	0	127	95	107	0	131	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
200	93	0	90	0	145	0	157	0	0	0	0	0	103	0	119	88			114	0	148	82	105	0	113	100	116	0	130	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
300	105	0	102	0	133	0	148	0	0	0	0	0	115	0	124	106			125	0	148	101	109	0	120	98	126	0	136	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
400	81	0	87	0	118	0	130	0	0	0	0	0	119	0	142	103			129	0	150	100	122	0	141	111	136	0	146	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
500	74	0	88	0	146	0	150	0	0	0	0	0	124	0	138	108			135	0	170	105	137	0	145	119	142	0	151	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
600	78	0	76	0	112	0	123	0	0	0	0	0	107	0	119	94			120	0	148	83	112	0	118	101	129	0	135	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
700	86	0	90	0	126	0	139	0	0	0	0	0	111	0	124	100			125	0	148	102	116	0	124	104	131	0	140	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	194	0	194	0	124	0	281	2	0	0	0	0	120	0	151	91			131	0	172	82	148	0	156	122	150	0	169	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	67	0	75	0	101	0	106	0	0	0	0	0	121	0	153	88			137	0	259	104	143	0	168	0	153	0	177	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	41	0	44	0	57	0	61	0	0	0	0	0	135	0	233	92			143	0	238	102	144	0	202	91	152	0	194	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	27	0	31	0	32	0	31	0	0	0	0	0	289	0	335	239			287	0	348	234	277	0	310	223	266	0	303	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1200	42	0	47	0	46	0	51	0	0	0	0	0	286	0	337	214			288	0	359	210	320	0	8	271	285	0	316	246	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	43	0	43	0	41	0	47	0	0	0	0	0	299	0	352	98			297	0	354	259	289	0	314	263	281	0	308	258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1400	42	0	45	0	52	0	57	0	0	0	0	0	242	0	283	185			247	0	305	196	225	0	259	175	219	0	251	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	73	0	72	0	152	0	116	0	0	0	0	0	175	0	267	96			183	0	263	105	184	0	206	148	181	0	221	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	54	0	53	0	108	0	90	0	0	0	0	0	177	0	257	95			182	0	266	102	189	0	226	112	188	0	231	156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	63	0	63	0	95	0	90	0	0	0	0	0	215	0	261	116			223	0	266	105	219	0	248	191	215	0	249	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	57	0	55	0	86	0	96	0	0	0	0	0	218	0	250	157			226	0	264	171	224	0	237	207	220	0	238	203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	45	0	41	0	76	0	66	0	0	0	0	0	211	0	252	135			217	0	262	147	214	0	229	201	209	0	231	192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	63	0	57	0	105	0	97	0	0	0	0	0	208	0	245	145			213	0	259	151	215	0	230	186	211	0	230	176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	41	0	38	0	105	0	73	0	0	0	0	0	189	0	241	106			200	0	261	147	205	0	220	193	202	0	221	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2200	49	0	43	0	97	0	104	0	0	0	0	0	200	0	243	152			206	0	260	150	223	0	236	207	219	0	236	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2300	52	0	46	0	101	0	114	0	0	0	0	0	198	0	232	176			206	0	240	150	224	0	234	217	220	0	230	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	49	0	43	0	89	0	103	0	0	0	0	0	208	0	245	178			214	0	239	170	228	0	234	220	223	0	234	212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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	613 0	606 0	612 0	606 0	320 2	320 2	7 0	7 0	0 0	0 0	305 2	0 2	0 2	0 2	0 2	0 2	0 0
200	603 0	595 0	610 0	604 0	320 2	320 2	7 0	9 0	0 0	0 0	310 2	0 2	0 2	0 2	0 2	0 2	0 0
300	617 0	612 0	617 0	612 0	320 2	320 2	0 0	0 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 0
400	617 0	610 0	617 0	612 0	320 2	320 2	2 0	0 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 0
500	595 0	590 0	606 0	601 0	320 2	320 2	13 0	13 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 0
600	590 0	585 0	597 0	594 0	320 2	320 2	9 0	9 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 0
700	588 0	583 0	597 0	592 0	320 2	320 2	9 0	9 0	0 0	0 0	301 2	0 2	0 2	0 2	0 2	0 2	0 0
800	624 0	619 0	612 0	606 0	320 2	320 2	-11 0	-11 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 0
900	430 2	671 0	651 0	648 0	320 2	320 2	-20 0	-20 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	732 0	729 0	700 0	694 0	320 2	320 2	-31 0	-32 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	748 0	739 0	723 0	718 0	320 2	320 2	-13 0	-14 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	752 0	748 0	716 0	714 0	320 2	320 2	-31 0	-29 0	0 0	0 0	390 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	768 0	765 0	730 0	729 0	320 2	320 2	-36 0	-36 0	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	723 0	757 0	684 0	730 0	320 2	320 2	-16 0	-25 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	788 0	783 0	748 0	741 0	320 2	320 2	-36 0	-38 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	781 0	775 0	750 0	745 0	320 2	320 2	-27 0	-27 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	781 0	777 0	757 0	750 0	320 2	320 2	-23 0	-23 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	745 0	739 0	741 0	734 0	320 2	320 2	-4 0	-4 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	745 0	735 0	738 0	732 0	320 2	320 2	-2 0	-4 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	730 0	727 0	729 0	723 0	320 2	320 2	0 0	2 0	0 0	0 0	354 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	703 0	695 0	705 0	700 0	320 2	320 2	4 0	5 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	702 0	695 0	714 0	709 0	320 2	320 2	14 0	14 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	694 0	689 0	707 0	702 0	320 2	320 2	14 0	14 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	696 0	691 0	703 0	696 0	320 2	320 2	9 0	9 0	0 0	0 0	343 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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	33 0	30 0	64 0	72 0	0 0	0 0	190 0 217 152	197 3 241 169	225 0 234 209	220 0 231 200	0 0 0 0 0 0
200	37 0	31 0	54 0	61 0	0 0	0 0	206 0 224 182	212 0 238 169	244 0 255 235	237 0 251 229	0 0 0 0 0 0
300	45 0	39 0	78 0	91 0	0 0	0 0	200 0 233 150	209 0 241 116	230 0 244 222	225 0 237 217	0 0 0 0 0 0
400	54 0	58 0	74 0	85 0	0 0	0 0	237 0 257 195	243 0 262 215	254 0 264 237	247 0 257 230	0 0 0 0 0 0
500	27 0	24 0	43 0	50 0	0 0	0 0	256 0 288 215	261 0 305 219	273 0 293 248	265 0 287 235	0 0 0 0 0 0
600	12 0	15 0	25 0	29 0	0 0	0 0	280 0 322 244	284 0 327 237	292 0 329 255	286 0 325 241	0 0 0 0 0 0
700	0 4	11 0	0 4	11 0	0 0	0 0	185 3 265 90	165 3 260 102	274 0 359 100	35 3 169 270	0 0 0 0 0 0
800	0 4	7 0	9 0	15 0	0 0	0 0	96 3 178 48	151 3 241 102	76 3 142 46	92 3 148 43	0 0 0 0 0 0
900	27 0	32 0	41 0	49 0	0 0	0 0	114 0 171 73	127 0 171 82	142 0 179 81	145 0 175 113	0 0 0 0 0 0
1000	20 0	18 0	35 0	29 0	0 0	0 0	185 0 237 122	197 3 241 125	195 0 240 159	191 0 227 155	0 0 0 0 0 0
1100	28 0	31 0	33 0	37 0	0 0	0 0	231 0 272 201	236 0 264 193	231 0 260 204	225 0 254 191	0 0 0 0 0 0
1200	57 0	64 0	62 0	73 0	0 0	0 0	245 0 281 218	252 0 286 219	247 0 269 217	241 0 265 186	0 0 0 0 0 0
1300	53 0	58 0	74 0	86 0	0 0	0 0	252 0 301 200	256 0 327 196	266 0 287 242	258 0 285 233	0 0 0 0 0 0
1400	48 0	51 0	56 0	64 0	0 0	0 0	259 0 297 224	265 0 308 217	282 0 323 246	275 0 314 227	0 0 0 0 0 0
1500	62 0	65 0	82 0	90 0	0 0	0 0	274 0 326 211	276 0 330 218	297 0 324 270	289 0 330 258	0 0 0 0 0 0
1600	53 0	55 0	60 0	69 0	0 0	0 0	266 0 316 223	269 0 309 195	286 0 312 260	279 0 329 253	0 0 0 0 0 0
1700	58 0	62 0	93 0	99 0	0 0	0 0	303 0 347 264	305 0 354 259	322 0 335 308	313 0 325 300	0 0 0 0 0 0
1800	70 0	74 0	103 0	113 0	0 0	0 0	290 0 312 261	294 0 328 259	309 0 312 303	299 0 301 294	0 0 0 0 0 0
1900	58 0	64 0	87 0	95 0	0 0	0 0	318 0 38 270	326 0 60 282	319 0 9 301	310 0 15 290	0 0 0 0 0 0
2000	65 0	68 0	75 0	77 0	0 0	0 0	142 0 192 110	152 0 269 104	110 0 165 79	125 0 173 101	0 0 0 0 0 0
2100	59 0	57 0	120 0	114 0	0 0	0 0	161 0 235 91	169 0 261 103	174 0 199 158	171 0 191 157	0 0 0 0 0 0
2200	84 0	90 0	110 0	126 0	0 0	0 0	241 0 267 220	249 0 282 217	252 0 261 245	245 0 256 236	0 0 0 0 0 0
2300	70 0	72 0	98 0	111 0	0 0	0 0	226 0 254 192	233 0 282 206	241 0 258 225	235 0 257 212	0 0 0 0 0 0
2400	45 0	41 0	80 0	80 0	0 0	0 0	200 0 265 127	207 0 260 125	220 0 258 175	216 0 234 174	0 0 0 0 0 0

	AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
	30	A	S	30	B	S	180A	S	180B	S	B	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
100	691	0		685	0		694	0	689	0	320	2	320	2	5	0	5	0	0	0	342	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	682	0		676	0		694	0	689	0	320	2	320	2	14	0	14	0	0	0	336	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	676	0		669	0		689	0	684	0	320	2	320	2	14	0	14	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	667	0		660	0		660	0	657	0	320	2	320	2	-4	0	-4	0	0	0	329	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	660	0		655	0		657	0	651	0	320	2	320	2	-4	0	-2	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	658	0		653	0		655	0	649	0	320	2	320	2	-2	0	-2	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	666	0		658	0		655	0	655	0	320	2	320	2	-4	0	-4	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	666	0		658	0		657	0	651	0	320	2	320	2	-5	0	-5	0	0	0	333	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	667	0		662	0		658	0	655	0	320	2	320	2	-7	0	-7	0	0	0	333	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	675	0		671	0		666	0	650	0	320	2	320	2	-9	0	-11	0	0	0	338	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	676	0		671	0		667	0	662	0	320	2	320	2	-7	0	-9	0	0	0	338	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	671	0		666	0		662	0	658	0	320	2	320	2	-7	0	-7	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	667	0		662	0		657	0	653	0	320	2	320	2	-7	0	-7	0	0	0	333	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	676	0		673	0		664	0	658	0	320	2	320	2	-13	0	-13	0	0	0	342	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	678	0		673	0		660	0	655	0	320	2	320	2	-16	0	-18	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	702	0		695	0		678	0	675	0	320	2	320	2	-20	0	-20	0	0	0	358	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	714	0		709	0		671	0	667	0	320	2	320	2	-41	0	-40	0	0	0	363	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	667	0		662	0		660	0	655	0	320	2	320	2	-5	0	-5	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	644	0		637	0		633	0	630	0	320	2	320	2	-7	0	-5	0	0	0	315	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	639	0		638	0		631	0	635	0	320	2	320	2	4	0	5	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	631	0		624	0		644	0	639	0	320	2	320	2	16	0	16	0	0	0	312	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	628	0		622	0		626	0	621	0	320	2	320	2	2	0	0	0	0	0	312	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	635	0		630	0		637	0	631	0	320	2	320	2	4	0	4	0	0	0	310	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	633	0		624	0		633	0	628	0	320	2	320	2	4	0	4	0	0	0	312	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

	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 50	MAX B B	WIND DIR2 150A S	MIN 150A S	MAX 150A S	WIND DIR3 150B S	MIN 150B S	MAX 150B S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S
100	33 0	34 0	92 0	102 0	0 0	0 0	172 0	235	114	179 0	259	103	224 0	236	214	219 0	231	209	0 0	0 0	0 0	0 0
200	109 0	115 0	146 0	151 0	0 0	0 0	276 0	324	228	281 0	344	217	293 0	319	264	283 0	313	248	0 0	0 0	0 0	0 0
300	50 0	53 0	70 0	52 0	0 0	0 0	172 0	210	127	181 0	241	127	196 0	233	183	193 0	231	175	0 0	0 0	0 0	0 0
400	34 0	38 0	45 0	49 0	0 0	0 0	333 0	11	308	338 0	36	306	340 0	5	326	331 0	358	314	0 0	0 0	0 0	0 0
500	26 0	30 0	38 0	40 0	0 0	0 0	22 3	65	354	29 3	82	353	11 0	49	347	2 0	45	335	0 0	0 0	0 0	0 0
600	26 0	31 0	22 0	27 0	0 0	0 0	157 0	193	105	165 0	196	124	89 0	163	53	118 0	164	94	0 0	0 0	0 0	0 0
700	25 0	30 0	59 0	45 0	0 0	0 0	136 0	223	104	148 3	236	105	203 0	225	164	200 0	225	158	0 0	0 0	0 0	0 0
800	30 0	30 0	36 0	31 0	0 0	0 0	204 0	267	136	214 3	264	128	201 0	268	120	194 0	232	120	0 0	0 0	0 0	0 0
900	34 0	35 0	49 0	44 0	0 0	0 0	138 0	242	92	141 0	241	102	160 0	220	100	161 0	234	101	0 0	0 0	0 0	0 0
1000	44 0	49 0	67 0	76 0	0 0	0 0	129 0	230	96	133 0	174	38	145 0	164	100	149 0	167	123	0 0	0 0	0 0	0 0
1100	28 0	31 0	46 0	47 0	0 0	0 0	147 0	243	96	153 0	248	102	166 0	211	95	167 0	232	132	0 0	0 0	0 0	0 0
1200	41 0	46 0	38 0	46 0	0 0	0 0	258 0	290	231	263 0	307	238	266 0	290	247	260 0	286	239	0 0	0 0	0 0	0 0
1300	45 0	50 0	40 0	48 0	0 0	0 0	256 0	293	236	263 0	306	237	275 0	311	256	267 0	293	241	0 0	0 0	0 0	0 0
1400	74 0	75 0	89 0	98 0	0 0	0 0	299 0	7	271	300 0	354	260	306 0	316	283	296 0	310	262	0 0	0 0	0 0	0 0
1500	60 0	67 0	80 0	87 0	0 0	0 0	305 0	349	266	308 0	353	261	318 0	334	293	307 0	327	285	0 0	0 0	0 0	0 0
1600	58 0	62 0	69 0	74 0	0 0	0 0	305 0	344	256	310 0	358	260	328 0	345	301	319 0	353	292	0 0	0 0	0 0	0 0
1700	49 0	55 0	71 0	77 0	0 0	0 0	18 0	78	319	23 0	82	309	17 0	45	319	8 0	60	331	0 0	0 0	0 0	0 0
1800	48 0	54 0	57 0	60 0	0 0	0 0	18 0	82	307	25 0	106	282	18 0	48	336	10 0	52	337	0 0	0 0	0 0	0 0
1900	33 0	38 0	41 0	44 0	0 0	0 0	12 0	48	343	16 0	83	330	23 0	31	8	15 0	26	358	0 0	0 0	0 0	0 0
2000	52 0	55 0	76 0	79 0	0 0	0 0	25 0	46	6	29 0	61	353	35 0	45	26	26 0	42	15	0 0	0 0	0 0	0 0
2100	38 0	49 0	53 0	67 0	0 0	0 0	50 0	68	28	58 0	85	35	52 0	57	48	49 0	56	40	0 0	0 0	0 0	0 0
2200	50 0	55 0	71 0	85 0	0 0	0 0	78 0	107	58	90 0	129	61	73 0	76	68	70 0	77	64	0 0	0 0	0 0	0 0
2300	51 0	64 0	92 0	100 0	0 0	0 0	46 0	65	28	51 0	62	15	54 0	54	53	53 0	56	50	0 0	0 0	0 0	0 0
2400	48 0	53 0	78 0	84 0	0 0	0 0	94 0	103	86	105 0	127	103	92 0	94	90	92 0	97	88	0 0	0 0	0 0	0 0

	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	S RAIN S
100	604 0	599 0	635 0	630 0	320 2	320 2	32 0	32 0	0 0	0 0	301 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	637 0	631 0	648 0	640 0	320 2	320 2	13 0	11 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	622 0	617 0	640 0	633 0	320 2	320 2	18 0	18 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	624 0	619 0	628 0	622 0	320 2	320 2	5 0	7 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	621 0	613 0	622 0	619 0	320 2	320 2	5 0	7 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	613 0	609 0	617 0	612 0	320 2	320 2	5 0	5 0	0 0	0 0	305 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	604 0	599 0	615 0	608 0	320 2	320 2	11 0	11 0	0 0	0 0	305 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	628 0	623 0	615 0	610 0	320 2	320 2	-9 0	-11 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	655 0	646 0	626 0	619 0	320 2	320 2	-20 0	-22 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	653 0	651 0	624 0	621 0	320 2	320 2	-27 0	-29 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	680 0	676 0	648 0	644 0	320 2	320 2	-31 0	-31 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	669 0	664 0	666 0	660 0	320 2	320 2	2 0	2 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	669 0	664 0	658 0	655 0	320 2	320 2	-9 0	-7 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	685 0	680 0	649 0	644 0	320 2	320 2	-34 0	-34 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	675 0	671 0	644 0	639 0	320 2	320 2	-27 0	-27 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	711 0	705 0	666 0	662 0	320 2	320 2	-43 0	-41 0	0 0	0 0	354 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	716 0	713 0	680 0	675 0	320 2	320 2	-34 0	-36 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	680 0	676 0	664 0	658 0	320 2	320 2	-16 0	-18 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	667 0	662 0	658 0	653 0	320 2	320 2	-7 0	-7 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	657 0	649 0	651 0	646 0	320 2	320 2	-2 0	-2 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	637 0	630 0	649 0	642 0	320 2	320 2	13 0	13 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	631 0	624 0	646 0	640 0	320 2	320 2	16 0	18 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	621 0	613 0	644 0	639 0	320 2	320 2	25 0	27 0	0 0	0 0	308 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	621 0	613 0	642 0	637 0	320 2	320 2	23 0	27 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0

STATUS CODE(9): 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	B	150B	S	S	50	A S	S	50	B S	50	B S	150A	B	150B	B	50	B S	150B	B	50	B S	150B	B	50	B S	150B	B	50	B S
100	66	0	70	0	99	0	109	0	0	0	0	0	119	0	129	112	130	0	149	125	99	0	104	90	120	0	124	116	0	0	0	0	0	0
200	61	0	67	0	109	0	119	0	0	0	0	0	131	0	150	114	144	0	170	124	108	0	120	90	128	0	135	124	0	0	0	0	0	0
300	34	0	38	0	44	0	48	0	0	0	0	0	47	0	170	307	55	0	151	305	49	0	148	287	65	0	168	285	0	0	0	0	0	0
400	21	0	21	0	24	0	29	0	0	0	0	0	51	3	93	15	59	3	104	35	20	3	69	334	11	3	60	324	0	0	0	0	0	0
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	0	2	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	0	2	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	0	2	0	0	2
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	0	2	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	0	2	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	0	2	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	0	2	0	0	2
1200	81	0	83	0	82	0	85	0	0	0	0	0	257	0	303	217	265	0	328	216	278	0	312	248	271	0	312	232	0	0	0	0	0	0
1300	60	0	61	0	67	0	75	0	0	0	0	0	247	0	291	211	251	0	326	217	278	0	313	251	270	0	330	231	0	0	0	0	0	0
1400	48	0	55	0	58	0	65	0	0	0	0	0	299	0	359	256	297	0	351	237	308	0	328	291	299	0	323	272	0	0	0	0	0	0
1500	59	0	63	0	73	0	73	0	0	0	0	0	321	0	7	271	323	0	36	272	337	0	21	315	331	0	15	290	0	0	0	0	0	0
1600	39	0	43	0	60	0	65	0	0	0	0	0	298	0	349	232	301	0	354	195	326	0	0	300	319	0	24	292	0	0	0	0	0	0
1700	42	0	46	0	61	0	61	0	0	0	0	0	288	0	357	226	292	0	354	218	326	0	352	300	321	0	4	275	0	0	0	0	0	0
1800	31	0	37	0	39	0	45	0	0	0	0	0	296	0	332	237	301	0	351	243	319	0	337	293	309	0	328	285	0	0	0	0	0	0
1900	45	0	49	0	59	0	66	0	0	0	0	0	296	0	328	243	301	0	352	259	307	0	316	294	297	0	307	273	0	0	0	0	0	0
2000	53	0	59	0	61	0	70	0	0	0	0	0	252	0	265	233	261	0	285	237	269	0	275	264	262	0	267	253	0	0	0	0	0	0
2100	47	0	53	0	55	0	63	0	0	0	0	0	248	0	260	234	255	0	283	237	268	0	280	258	259	0	279	249	0	0	0	0	0	0
2200	52	0	57	0	70	0	81	0	0	0	0	0	244	0	263	224	250	0	282	218	258	0	270	246	251	0	258	236	0	0	0	0	0	0
2300	33	0	35	0	42	0	49	0	0	0	0	0	245	0	259	227	250	0	264	237	264	0	274	253	256	0	275	241	0	0	0	0	0	0
2400	31	0	34	0	20	0	38	0	0	0	0	0	226	0	252	210	235	0	259	217	242	5	256	229	235	0	248	214	0	0	0	0	0	0

	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	622 0	619 0	637 0	631 0	320 2	320 2	14 0	16 0	0 0	0 0	308 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	613 0	608 0	651 0	646 0	320 2	320 2	40 0	40 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	608 0	601 0	622 0	617 0	320 2	320 2	16 0	18 0	0 0	0 0	303 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	712 0	703 0	682 0	671 0	320 2	320 2	-18 0	-18 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	703 0	695 0	680 0	675 0	320 2	320 2	-18 0	-18 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	736 0	732 0	685 0	682 0	320 2	320 2	-49 0	-49 0	0 0	0 0	374 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	718 0	712 0	669 0	664 0	320 2	320 2	-43 0	-43 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	716 0	712 0	675 0	671 0	320 2	320 2	-38 0	-40 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	727 0	720 0	684 0	678 0	320 2	320 2	-36 0	-34 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	694 0	689 0	673 0	669 0	320 2	320 2	-20 0	-18 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	675 0	669 0	666 0	660 0	320 2	320 2	-7 0	-7 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	662 0	657 0	660 0	655 0	320 2	320 2	0 0	0 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	660 0	655 0	658 0	653 0	320 2	320 2	0 0	0 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	658 0	653 0	657 0	651 0	320 2	320 2	2 0	0 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	655 0	649 0	655 0	648 0	320 2	320 2	0 0	0 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	649 0	642 0	648 0	640 0	320 2	320 2	2 0	2 0	0 0	0 0	331 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	B	150B	S		S	50	A S			50	B S			150A	S			150B	S										
100	26	0	17	0	37	0	45	0	0	0	0	0	215	0	233	200	222	5	238	194	255	0	272	246	248	0	262	239	0	0	0	0	0	0
200	25	0	20	0	53	0	62	0	0	0	0	0	223	0	255	194	228	0	261	193	254	0	270	237	247	0	262	231	0	0	0	0	0	0
300	43	0	46	0	56	0	65	0	0	0	0	0	248	0	263	233	254	0	263	236	268	0	278	255	260	0	275	245	0	0	0	0	0	0
400	42	0	45	0	64	0	73	0	0	0	0	0	236	0	258	218	241	0	264	217	253	0	263	242	246	0	262	236	0	0	0	0	0	0
500	49	0	52	0	68	0	78	0	0	0	0	0	226	0	252	193	234	0	283	195	250	0	266	232	243	0	261	225	0	0	0	0	0	0
600	29	0	28	0	48	0	57	0	0	0	0	0	246	0	270	207	253	0	284	214	295	0	318	265	287	0	318	248	0	0	0	0	0	0
700	35	0	36	0	41	0	46	0	0	0	0	0	250	0	290	232	254	0	327	236	296	0	332	276	287	0	324	258	0	0	0	0	0	0
800	63	0	68	0	77	0	88	0	0	0	0	0	233	0	275	210	241	0	264	216	253	0	264	239	246	0	257	228	0	0	0	0	0	0
900	83	0	84	0	89	0	97	0	0	0	0	0	236	0	260	215	243	0	295	214	249	0	261	240	243	0	257	231	0	0	0	0	0	0
1000	74	0	73	0	83	0	93	0	0	0	0	0	235	0	272	209	239	0	309	194	258	0	281	236	250	0	299	202	0	0	0	0	0	0
1100	105	0	110	0	104	0	117	0	0	0	0	0	241	0	257	223	249	0	283	217	249	0	262	238	243	0	263	229	0	0	0	0	0	0
1200	112	0	103	0	104	0	105	0	0	0	0	0	238	0	268	220	248	0	283	217	253	0	272	245	245	0	257	224	0	0	0	0	0	0
1300	87	0	87	0	83	0	89	0	0	0	0	0	236	0	270	213	244	0	304	214	258	0	287	244	251	0	298	228	0	0	0	0	0	0
1400	85	0	92	0	84	0	94	0	0	0	0	0	260	0	276	236	263	0	285	239	273	0	281	267	265	0	279	248	0	0	0	0	0	0
1500	53	0	59	0	46	0	50	0	0	0	0	0	248	0	279	225	251	0	316	214	273	0	296	254	267	0	299	247	0	0	0	0	0	0
1600	26	0	32	0	35	0	40	0	0	0	0	0	286	0	351	206	282	0	348	217	314	0	351	292	303	0	333	273	0	0	0	0	0	0
1700	27	0	29	0	47	0	39	0	0	0	0	0	191	0	268	113	193	3	264	104	202	0	266	153	198	0	247	130	0	0	0	0	0	0
1800	51	0	53	0	78	0	86	0	0	0	0	0	228	0	267	175	239	0	330	192	233	0	253	211	227	0	257	191	0	0	0	0	0	0
1900	57	0	54	0	86	0	96	0	0	0	0	0	220	0	261	190	226	0	261	169	237	0	258	225	231	0	245	209	0	0	0	0	0	0
2000	60	0	63	0	96	0	107	0	0	0	0	0	234	0	252	213	240	0	280	214	249	0	254	238	242	0	254	230	0	0	0	0	0	0
2100	58	0	59	0	96	0	107	0	0	0	0	0	227	0	245	189	234	0	261	195	245	0	251	231	238	0	251	224	0	0	0	0	0	0
2200	72	0	72	0	113	0	126	0	0	0	0	0	225	0	254	195	233	0	262	194	237	0	250	228	232	0	245	212	0	0	0	0	0	0
2300	71	0	72	0	121	0	135	0	0	0	0	0	231	0	276	186	238	0	283	194	246	0	267	231	239	0	258	214	0	0	0	0	0	0
2400	73	0	73	0	116	0	128	0	0	0	0	0	227	0	257	198	234	0	262	193	240	0	257	218	234	0	257	212	0	0	0	0	0	0

	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	S RAIN S
100	640 0	633 0	653 0	648 0	320 2	320 2	14 0	14 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	637 0	630 0	648 0	642 0	320 2	320 2	13 0	14 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	644 0	637 0	653 0	648 0	320 2	320 2	9 0	11 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	649 0	642 0	651 0	648 0	320 2	320 2	4 0	5 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	628 0	622 0	646 0	639 0	320 2	320 2	18 0	18 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	633 0	630 0	653 0	642 0	320 2	320 2	18 0	16 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	649 0	642 0	664 0	658 0	320 2	320 2	18 0	16 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	662 0	655 0	662 0	657 0	320 2	320 2	4 0	4 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	678 0	671 0	660 0	653 0	320 2	320 2	-13 0	-13 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	694 0	687 0	675 0	671 0	320 2	320 2	-14 0	-14 0	0 0	0 0	372 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	685 0	680 0	676 0	671 0	320 2	320 2	-7 0	-7 0	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	716 0	702 0	691 0	678 0	320 2	320 2	-9 0	-9 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	716 0	711 0	705 0	698 0	320 2	320 2	-5 0	-4 0	0 0	0 0	358 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	714 0	711 0	687 0	684 0	320 2	320 2	-25 0	-25 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	745 0	741 0	730 0	725 0	320 2	320 2	-9 0	-9 0	0 0	0 0	372 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	765 0	763 0	729 0	727 0	320 2	320 2	-34 0	-32 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	766 0	761 0	739 0	734 0	320 2	320 2	-25 0	-25 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	748 0	743 0	736 0	729 0	320 2	320 2	-11 0	-11 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	721 0	716 0	729 0	721 0	320 2	320 2	7 0	7 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	714 0	709 0	723 0	718 0	320 2	320 2	13 0	11 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	700 0	694 0	711 0	703 0	320 2	320 2	11 0	11 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	694 0	689 0	700 0	694 0	320 2	320 2	7 0	7 0	0 0	0 0	347 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	691 0	685 0	698 0	691 0	320 2	320 2	7 0	7 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	687 0	682 0	689 0	682 0	320 2	320 2	4 0	4 0	0 0	0 0	345 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6		
	50	A	S	50	B	S	150A	S	150B	S	50	A	S	50	B	S	150A	S	150B	S	50	B	S	150A	S	150B	S	50	B	S	150A	S	150B	S	
100	89	0		85	0		129	0	142	0	0	0		223	0	250	183	230	0	262	169	235	0	249	220	229	0	251	202	0	0	0	0	0	0
200	69	0		71	0		110	0	123	0	0	0		233	0	259	199	242	0	263	195	248	0	261	233	241	0	263	225	0	0	0	0	0	0
300	70	0		74	0		102	0	115	0	0	0		236	0	269	209	244	0	283	216	251	0	260	245	245	0	258	226	0	0	0	0	0	0
400	63	0		66	0		104	0	115	0	0	0		231	0	257	189	238	0	263	193	240	0	251	224	234	0	254	214	0	0	0	0	0	0
500	71	0		72	0		111	0	123	0	0	0		246	0	273	220	252	0	286	216	260	0	271	251	252	0	269	233	0	0	0	0	0	0
600	76	0		78	0		101	0	114	0	0	0		233	0	261	187	241	0	282	194	250	0	265	234	243	0	262	224	0	0	0	0	0	0
700	82	0		78	0		112	0	113	0	0	0		233	0	268	189	243	0	302	194	246	0	269	224	239	0	270	217	0	0	0	0	0	0
800	72	0		73	0		102	0	111	0	0	0		232	0	275	200	241	0	286	193	243	0	257	229	236	0	265	209	0	0	0	0	0	0
900	72	0		74	0		93	0	104	0	0	0		234	0	299	186	241	0	351	195	242	0	274	208	236	0	268	200	0	0	0	0	0	0
1000	71	0		73	0		89	0	98	0	0	0		235	0	291	187	241	0	306	192	237	0	266	189	231	0	254	171	0	0	0	0	0	0
1100	81	0		75	0		84	0	93	0	0	0		240	0	279	209	248	0	305	214	242	0	264	188	236	0	265	201	0	0	0	0	0	0
1200	73	0		68	0		89	0	95	0	0	0		234	0	282	203	240	0	308	194	242	0	284	211	236	0	298	193	0	0	0	0	0	0
1300	94	0		95	0		109	0	118	0	0	0		237	0	269	215	244	0	302	202	255	0	273	244	248	0	274	232	0	0	0	0	0	0
1400	82	0		81	0		96	0	100	0	0	0		260	0	301	223	266	0	350	216	274	0	293	235	267	0	297	225	0	0	0	0	0	0
1500	59	0		59	0		62	0	64	0	0	0		257	0	292	226	264	0	316	215	281	0	326	252	274	0	320	228	0	0	0	0	0	0
1600	63	0		65	0		68	0	74	0	0	0		265	0	303	245	270	0	323	216	263	0	283	231	256	0	277	223	0	0	0	0	0	0
1700	60	0		63	0		76	0	84	0	0	0		239	0	273	216	247	0	285	211	258	0	285	229	251	0	275	220	0	0	0	0	0	0
1800	46	0		49	0		65	0	73	0	0	0		235	0	262	189	242	0	287	193	249	0	278	221	241	0	270	203	0	0	0	0	0	0
1900	52	0		50	0		82	0	91	0	0	0		218	0	246	182	226	0	262	172	235	0	249	224	230	0	246	214	0	0	0	0	0	0
2000	41	0		37	0		91	0	75	0	0	0		187	0	229	143	195	0	241	148	212	0	220	204	210	0	220	200	0	0	0	0	0	0
2100	54	0		47	0		108	0	124	0	0	0		191	0	216	162	199	0	238	169	225	0	232	217	221	0	228	212	0	0	0	0	0	0
2200	56	0		45	0		123	0	112	0	0	0		195	0	225	162	205	0	257	151	216	0	226	209	213	0	224	201	0	0	0	0	0	0
2300	64	0		49	0		119	0	131	0	0	0		201	0	225	135	210	0	240	149	224	0	231	215	219	0	231	203	0	0	0	0	0	0
2400	70	0		62	0		117	0	117	0	0	0		211	0	259	136	217	0	263	105	222	0	246	207	217	0	241	179	0	0	0	0	0	0

	AMB. TEM1	AMB. TEM2	AMB. TEM3	AMB. TEM4	AMB. TEM5	AMB. TEMP6	D.T. 1	D.T. 2	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	MISC 8	RAIN
	30 A S	30 B S	180A S	180B S	50 A S	50 B S	180A S	180B S	50 A S	50 B S	50 A S	50 B S	50 A S	50 B S	50 A S	50 B S	50 A S	50 B S	50 A S
100	689 0	684 0	691 0	685 0	320 2	320 2	4 0	4 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	671 0	667 0	676 0	671 0	320 2	320 2	7 0	5 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	675 0	669 0	673 0	667 0	320 2	320 2	0 0	0 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	671 0	667 0	667 0	664 0	320 2	320 2	-2 0	-2 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	673 0	667 0	667 0	664 0	320 2	320 2	-2 0	-2 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	669 0	662 0	666 0	660 0	320 2	320 2	0 0	0 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	678 0	667 0	667 0	658 0	320 2	320 2	-2 0	-4 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	675 0	671 0	664 0	657 0	320 2	320 2	-9 0	-9 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	685 0	680 0	667 0	664 0	320 2	320 2	-14 0	-16 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	700 0	694 0	684 0	678 0	320 2	320 2	-14 0	-14 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	709 0	703 0	693 0	685 0	320 2	320 2	-14 0	-13 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	721 0	714 0	698 0	691 0	320 2	320 2	-20 0	-18 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	727 0	720 0	700 0	694 0	320 2	320 2	-22 0	-22 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	748 0	738 0	716 0	711 0	320 2	320 2	-23 0	-23 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	774 0	763 0	743 0	734 0	320 2	320 2	-25 0	-25 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	766 0	759 0	748 0	741 0	320 2	320 2	-13 0	-13 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	756 0	750 0	743 0	738 0	320 2	320 2	-11 0	-11 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	756 0	750 0	745 0	739 0	320 2	320 2	-7 0	-9 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	730 0	725 0	732 0	725 0	320 2	320 2	4 0	4 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	709 0	702 0	729 0	723 0	320 2	320 2	23 0	23 0	0 0	0 0	358 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	693 0	687 0	734 0	727 0	320 2	320 2	43 0	43 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	689 0	684 0	718 0	712 0	320 2	320 2	31 0	31 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	684 0	680 0	711 0	703 0	320 2	320 2	27 0	27 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	675 0	671 0	673 0	666 0	320 2	320 2	2 0	-2 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0

STATUS CODE(3) 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX 150		WIND DIR2		MIN 50		MAX 150		WIND DIR3		MIN 50		MAX 150		WIND DIR4		MIN 50		MAX 150		WIND DIR5		MIN 50		MAX 150		WIND DIR6		MIN 50		MAX 150			
	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S	A	S				
100	52	0	45	0	126	0	119	0	0	0	0	0	192	0	239	151	200	0	241	149	215	0	222	212	212	0	223	202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	49	0	42	0	124	0	116	0	0	0	0	0	193	0	230	127	203	0	241	128	215	0	221	209	212	0	220	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
300	46	0	40	0	125	0	86	0	0	0	0	0	189	0	249	95	199	0	263	127	206	0	214	200	203	0	220	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
400	44	0	40	0	110	0	79	0	0	0	0	0	182	0	265	106	189	0	239	128	207	0	216	197	203	0	220	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
500	50	0	41	0	111	0	88	0	0	0	0	0	192	0	239	125	201	0	241	105	211	0	225	200	207	0	229	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
600	64	0	57	0	120	0	119	0	0	0	0	0	209	0	255	152	216	0	263	150	221	0	239	200	217	0	238	192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
700	54	0	47	0	109	0	111	0	0	0	0	0	208	0	250	153	215	0	265	125	221	0	239	197	216	0	240	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	66	0	61	0	102	0	107	0	0	0	0	0	220	0	249	171	227	0	263	192	226	0	248	209	221	0	259	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	72	0	70	0	108	0	115	0	0	0	0	0	222	0	260	182	229	0	263	151	230	0	250	198	223	0	253	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	65	0	68	0	93	0	97	0	0	0	0	0	229	0	278	181	241	0	328	192	230	0	254	193	224	0	251	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1100	64	0	62	0	84	0	85	0	0	0	0	0	235	0	318	190	242	0	354	191	229	0	274	188	221	0	255	156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1200	73	0	73	0	97	0	104	0	0	0	0	0	238	0	281	189	250	0	326	198	236	0	277	205	231	0	270	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	112	0	118	0	137	0	153	0	0	0	0	0	238	0	276	217	243	0	282	214	249	0	257	244	243	0	262	234	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1400	71	0	71	0	93	0	104	0	0	0	0	0	233	0	284	190	239	0	305	190	241	0	267	218	234	0	281	203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	93	0	87	0	105	0	103	0	0	0	0	0	238	0	276	198	246	0	300	189	240	0	263	210	234	0	277	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	41	0	43	0	63	0	68	0	0	0	0	0	232	0	297	193	240	0	309	189	230	0	261	185	224	0	260	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	38	0	36	0	76	0	61	0	0	0	0	0	208	0	265	130	215	0	266	106	209	0	231	163	205	0	232	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	31	0	29	0	59	0	37	0	0	0	0	0	178	0	264	93	185	3	263	107	196	0	223	172	193	0	230	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	53	0	52	0	105	0	77	0	0	0	0	0	169	0	251	111	169	0	259	104	186	0	218	151	183	0	219	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	35	0	34	0	94	0	60	0	0	0	0	0	178	0	247	90	187	0	261	105	196	0	204	179	193	0	209	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	70	0	71	0	101	0	111	0	0	0	0	0	231	0	253	204	237	0	263	194	241	0	251	230	234	0	253	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2200	53	0	54	0	75	0	82	0	0	0	0	0	228	0	260	199	234	0	261	192	234	0	245	214	229	0	251	207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2300	80	0	83	0	110	0	122	0	0	0	0	0	232	0	255	206	239	0	261	194	246	0	255	231	240	0	250	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	36	0	36	0	58	0	65	0	0	0	0	0	224	0	253	203	230	0	262	194	247	0	257	217	241	0	260	212	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
30	A	30	B	180A	B	180B	S	S	S	S	180A	B	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	655	0	649	0	694	0	689	0	320	2	320	2	41	0	41	0	0	0	0	0	338	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	657	0	651	0	687	0	680	0	320	2	320	2	32	0	32	0	0	0	0	0	340	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	662	0	657	0	669	0	664	0	320	2	320	2	11	0	11	0	0	0	0	0	342	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	662	0	657	0	671	0	666	0	320	2	320	2	11	0	11	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	660	0	657	0	669	0	664	0	320	2	320	2	11	0	11	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	675	0	669	0	675	0	669	0	320	2	320	2	2	0	2	0	0	0	0	0	349	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	671	0	665	0	671	0	666	0	320	2	320	2	2	0	2	0	0	0	0	0	347	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	684	0	680	0	675	0	669	0	320	2	320	2	-7	0	-7	0	0	0	0	0	354	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	700	0	694	0	687	0	682	0	320	2	320	2	-11	0	-11	0	0	0	0	0	365	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	727	0	721	0	709	0	703	0	320	2	320	2	-18	0	-18	0	0	0	0	0	383	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	750	0	741	0	727	0	720	0	320	2	320	2	-16	0	-16	0	0	0	0	0	387	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	772	0	765	0	748	0	743	0	320	2	320	2	-22	0	-22	0	0	0	0	0	401	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	766	0	761	0	747	0	741	0	320	2	320	2	-18	0	-18	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	797	0	792	0	766	0	761	0	320	2	320	2	-29	0	-29	0	0	0	0	0	412	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	817	0	806	0	790	0	777	0	320	2	320	2	-22	0	-22	0	0	0	0	0	397	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	779	0	774	0	765	0	761	0	320	2	320	2	-11	0	-11	0	0	0	0	0	397	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	783	0	779	0	768	0	763	0	320	2	320	2	-13	0	-14	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	790	0	777	0	772	0	759	0	320	2	320	2	-7	0	-9	0	0	0	0	0	379	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	725	0	720	0	720	0	712	0	320	2	320	2	-4	0	-4	0	0	0	0	0	378	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	696	0	691	0	703	0	696	0	320	2	320	2	7	0	7	0	0	0	0	0	358	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	680	0	675	0	678	0	673	0	320	2	320	2	0	0	0	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	671	0	664	0	666	0	660	0	320	2	320	2	-4	0	-2	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	666	0	660	0	678	0	671	0	320	2	320	2	14	0	13	0	0	0	0	0	342	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	664	0	657	0	664	0	658	0	320	2	320	2	2	0	4	0	0	0	0	0	342	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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	16 0	11 0	44 0	31 0	0 0	242 0 334 180	246 3 354 192	251 0 279 226	244 0 279 209	0 0 0 0	0 0 0 0
200	44 0	42 0	67 0	67 0	0 0	8 0 44 325	15 0 57 329	8 0 40 334	0 0 29 321	0 0 0 0	0 0 0 0
300	49 0	51 0	76 0	73 0	0 0	26 0 69 13	32 0 81 11	29 0 52 21	22 0 60 3	0 0 0 0	0 0 0 0
400	52 0	55 0	68 0	70 0	0 0	325 0 26 278	326 0 58 282	342 0 19 313	337 0 14 299	0 0 0 0	0 0 0 0
500	104 0	105 0	149 0	153 0	0 0	310 0 352 273	309 0 350 239	327 0 335 311	317 0 344 293	0 0 0 0	0 0 0 0
600	51 0	52 0	75 0	78 0	0 0	316 0 352 252	317 0 354 196	334 0 6 318	326 0 22 299	0 0 0 0	0 0 0 0
700	50 0	51 0	74 0	74 0	0 0	317 0 7 275	321 0 14 282	333 0 15 306	324 0 351 302	0 0 0 0	0 0 0 0
800	50 0	42 0	71 0	66 0	0 0	333 0 13 289	335 0 57 283	343 0 8 327	335 0 358 306	0 0 0 0	0 0 0 0
900	42 0	43 0	54 0	52 0	0 0	341 0 46 270	347 0 39 282	351 0 27 301	347 0 78 279	0 0 0 0	0 0 0 0
1000	69 0	64 0	88 0	75 0	0 0	336 0 31 283	339 0 173 283	353 0 66 325	345 0 23 282	0 0 0 0	0 0 0 0
1100	47 0	50 0	63 0	66 0	0 0	333 0 54 287	337 0 39 279	344 0 18 305	336 0 7 286	0 0 0 0	0 0 0 0
1200	78 0	74 0	95 0	90 0	0 0	336 0 18 299	337 0 60 283	349 0 26 335	346 0 21 324	0 0 0 0	0 0 0 0
1300	59 0	58 0	79 0	68 0	0 0	355 0 153 288	359 0 126 282	9 0 108 322	0 0 102 303	0 0 0 0	0 0 0 0
1400	63 0	62 0	99 0	100 0	0 0	347 0 71 302	359 0 107 304	3 0 45 331	352 0 25 294	0 0 0 0	0 0 0 0
1500	79 0	75 0	115 0	102 0	0 0	354 0 60 284	358 0 61 286	10 0 45 331	0 0 50 313	0 0 0 0	0 0 0 0
1600	75 0	77 0	113 0	119 0	0 0	80 0 97 58	90 0 149 57	83 0 91 74	80 0 92 62	0 0 0 0	0 0 0 0
1700	71 0	67 0	117 0	109 0	0 0	352 0 52 285	358 0 149 282	7 0 48 305	358 0 63 299	0 0 0 0	0 0 0 0
1800	66 0	70 0	114 0	117 0	0 0	354 0 48 304	359 0 79 305	5 0 36 325	353 0 42 304	0 0 0 0	0 0 0 0
1900	112 0	112 0	159 0	137 0	0 0	18 0 91 342	20 0 81 327	19 0 46 346	7 0 37 336	0 0 0 0	0 0 0 0
2000	86 0	87 0	126 0	127 0	0 0	26 0 55 349	30 0 81 352	29 0 46 8	20 0 51 354	0 0 0 0	0 0 0 0
2100	106 0	108 0	147 0	143 0	0 0	27 0 47 2	29 0 80 330	30 0 42 20	20 0 40 1	0 0 0 0	0 0 0 0
2200	96 0	98 0	132 0	130 0	0 0	25 0 50 8	30 0 81 353	30 0 47 18	21 0 48 4	0 0 0 0	0 0 0 0
2300	54 0	62 0	78 0	96 0	0 0	43 0 61 30	50 0 81 16	51 0 60 41	45 0 60 29	0 0 0 0	0 0 0 0
2400	84 0	82 0	137 0	143 0	0 0	94 0 114 78	102 0 128 79	97 0 102 93	100 0 115 88	0 0 0 0	0 0 0 0

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	S RAIN S
100	666 0	660 0	664 0	658 0	320 2	320 2	0 0	2 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 0
200	671 0	666 0	671 0	666 0	320 2	320 2	0 0	0 0	0 0	0 0	347 2	0 2	0 2	0 2	0 2	0 2	0 0
300	666 0	660 0	662 0	657 0	320 2	320 2	0 0	-2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 0
400	725 0	720 0	687 0	682 0	320 2	320 2	-36 0	-36 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 0
500	682 0	676 0	678 0	673 0	320 2	320 2	-2 0	-4 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 0
600	678 0	671 0	673 0	667 0	320 2	320 2	-4 0	-2 0	0 0	0 0	347 2	0 2	0 2	0 2	0 2	0 2	0 0
700	675 0	669 0	673 0	666 0	320 2	320 2	2 0	-2 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 0
800	694 0	685 0	675 0	667 0	320 2	320 2	-11 0	-13 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 0
900	716 0	709 0	687 0	680 0	320 2	320 2	-23 0	-25 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	721 0	711 0	689 0	682 0	320 2	320 2	-20 0	-20 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	727 0	725 0	694 0	691 0	320 2	320 2	-31 0	-32 0	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	720 0	709 0	684 0	676 0	320 2	320 2	-27 0	-29 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	738 0	729 0	694 0	687 0	320 2	320 2	-25 0	-27 0	0 0	0 0	365 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	732 0	729 0	691 0	687 0	320 2	320 2	-38 0	-40 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	738 0	727 0	687 0	682 0	320 2	320 2	-34 0	-38 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	630 0	622 0	633 0	628 0	320 2	320 2	5 0	7 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	712 0	707 0	680 0	675 0	320 2	320 2	-29 0	-31 0	0 0	0 0	372 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	698 0	694 0	675 0	667 0	320 2	320 2	-18 0	-20 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	669 0	666 0	662 0	657 0	320 2	320 2	-5 0	-5 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	662 0	655 0	658 0	653 0	320 2	320 2	2 0	0 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	660 0	655 0	658 0	653 0	320 2	320 2	2 0	0 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	657 0	649 0	653 0	648 0	320 2	320 2	0 0	0 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	635 0	628 0	642 0	635 0	320 2	320 2	9 0	9 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	617 0	612 0	617 0	612 0	320 2	320 2	2 0	2 0	0 0	0 0	325 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	107 0	105 0	155 0	168 0	0 0	0 0	108 0	122	88	118 0	147	83	104 0	110	99	115 0	122	104	0 0	0 0	0 0	0 0	0 0	
200	103 0	101 0	131 0	146 0	0 0	0 0	114 0	128	92	126 0	147	102	111 0	122	101	128 0	139	112	0 0	0 0	0 0	0 0	0 0	
300	114 0	112 0	141 0	161 0	0 0	0 0	114 0	134	99	126 0	148	95	116 0	129	107	131 0	141	119	0 0	0 0	0 0	0 0	0 0	
400	99 0	102 0	130 0	146 0	0 0	0 0	114 0	128	93	125 0	170	101	119 0	144	104	134 0	147	119	0 0	0 0	0 0	0 0	0 0	
500	101 0	99 0	119 0	136 0	0 0	0 0	110 0	123	94	122 0	148	102	112 0	121	100	128 0	139	111	0 0	0 0	0 0	0 0	0 0	
600	70 0	73 0	98 0	105 0	0 0	0 0	107 0	126	65	118 0	150	79	100 0	111	90	117 0	142	99	0 0	0 0	0 0	0 0	0 0	
700	64 0	63 0	80 0	87 0	0 0	0 0	103 0	116	88	115 0	146	87	94 0	114	80	119 0	135	100	0 0	0 0	0 0	0 0	0 0	
800	59 0	58 0	78 0	84 0	0 0	0 0	102 0	128	69	116 0	148	79	91 0	111	79	113 0	134	90	0 0	0 0	0 0	0 0	0 0	
900	86 0	89 0	98 0	109 0	0 0	0 0	113 0	128	85	125 0	149	61	106 0	148	84	129 0	157	112	0 0	0 0	0 0	0 0	0 0	
1000	68 0	72 0	81 0	79 0	0 0	0 0	112 0	144	68	122 0	152	60	100 0	147	66	125 0	155	64	0 0	0 0	0 0	0 0	0 0	
1100	73 0	78 0	82 0	88 0	0 0	0 0	108 0	131	50	120 0	147	36	100 0	160	72	130 0	167	95	0 0	0 0	0 0	0 0	0 0	
1200	40 0	44 0	56 0	55 0	0 0	0 0	155 0	259	92	158 0	264	100	160 0	235	94	164 0	227	94	0 0	0 0	0 0	0 0	0 0	
1300	41 0	43 0	52 0	51 0	0 0	0 0	114 0	178	28	155 0	265	101	117 0	179	63	152 0	216	95	0 0	0 0	0 0	0 0	0 0	
1400	58 0	60 0	74 0	75 0	0 0	0 0	333 0	39	295	332 0	34	285	344 0	18	312	340 0	13	296	0 0	0 0	0 0	0 0	0 0	
1500	50 0	55 0	63 0	67 0	0 0	0 0	330 0	17	285	331 0	36	282	346 0	18	320	340 0	7	309	0 0	0 0	0 0	0 0	0 0	
1600	74 0	76 0	116 0	123 0	0 0	0 0	120 0	179	0	129 0	176	11	143 0	181	100	148 0	180	123	0 0	0 0	0 0	0 0	0 0	
1700	81 0	87 0	140 0	150 0	0 0	0 0	124 0	161	21	137 0	221	101	144 0	163	112	148 0	173	117	0 0	0 0	0 0	0 0	0 0	
1800	75 0	76 0	134 0	137 0	0 0	0 0	146 0	194	103	155 0	211	99	160 0	184	133	160 0	189	131	0 0	0 0	0 0	0 0	0 0	
1900	64 0	72 0	120 0	128 0	0 0	0 0	123 0	192	90	135 0	265	103	145 0	160	129	148 0	174	131	0 0	0 0	0 0	0 0	0 0	
2000	57 0	60 0	120 0	130 0	0 0	0 0	125 0	155	98	139 0	192	101	149 0	158	139	151 0	159	139	0 0	0 0	0 0	0 0	0 0	
2100	47 0	51 0	112 0	123 0	0 0	0 0	125 0	151	99	139 0	175	104	154 0	157	148	154 0	161	138	0 0	0 0	0 0	0 0	0 0	
2200	47 0	55 0	125 0	137 0	0 0	0 0	117 0	132	99	131 0	170	82	154 0	157	151	155 0	160	149	0 0	0 0	0 0	0 0	0 0	
2300	77 0	85 0	162 0	173 0	0 0	0 0	124 0	168	90	131 0	172	60	147 0	163	110	150 0	177	130	0 0	0 0	0 0	0 0	0 0	
2400	76 0	80 0	139 0	149 0	0 0	0 0	122 0	162	88	135 0	173	79	148 0	175	109	152 0	170	128	0 0	0 0	0 0	0 0	0 0	

	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	601 0	595 0	604 0	599 0	320 2	320 2	5 0	5 0	0 0	0 0	317 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	597 0	591 0	594 0	598 0	320 2	320 2	-2 0	-2 0	0 0	0 0	317 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	592 0	584 0	586 0	581 0	320 2	320 2	-4 0	-4 0	0 0	0 0	317 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	590 0	585 0	583 0	577 0	320 2	320 2	-5 0	-5 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	585 0	575 0	579 0	574 0	320 2	320 2	-4 0	-4 0	0 0	0 0	314 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	583 0	577 0	576 0	572 0	320 2	320 2	-5 0	-5 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	581 0	574 0	574 0	570 0	320 2	320 2	-4 0	-4 0	0 0	0 0	314 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	603 0	599 0	592 0	586 0	320 2	320 2	-9 0	-11 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	635 0	631 0	621 0	617 0	320 2	320 2	-13 0	-13 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	675 0	669 0	646 0	642 0	320 2	320 2	-16 0	-16 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	685 0	682 0	673 0	669 0	320 2	320 2	-7 0	-9 0	0 0	0 0	370 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	738 0	735 0	696 0	693 0	320 2	320 2	-40 0	-41 0	0 0	0 0	396 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	761 0	761 0	721 0	718 0	320 2	320 2	-38 0	-41 0	0 0	0 0	397 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	709 0	703 0	675 0	669 0	320 2	320 2	-31 0	-32 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	741 0	738 0	694 0	689 0	320 2	320 2	-45 0	-47 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	754 0	746 0	725 0	721 0	320 2	320 2	-22 0	-23 0	0 0	0 0	385 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	752 0	746 0	729 0	723 0	320 2	320 2	-20 0	-22 0	0 0	0 0	390 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	732 0	729 0	718 0	712 0	320 2	320 2	-13 0	-14 0	0 0	0 0	385 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	702 0	696 0	698 0	691 0	320 2	320 2	-2 0	-2 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	666 0	658 0	669 0	664 0	320 2	320 2	7 0	7 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	642 0	635 0	655 0	649 0	320 2	320 2	13 0	14 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	628 0	621 0	651 0	646 0	320 2	320 2	23 0	27 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	628 0	622 0	631 0	626 0	320 2	320 2	5 0	5 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	642 0	635 0	642 0	635 0	320 2	320 2	2 0	2 0	0 0	0 0	336 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 50 A S	WIND SPD6 50 B S	WIND DIR1	MIN 50	MAX 82	WIND DIR2	MIN 150A	MAX 36	WIND DIR3	MIN 150B	MAX 8	WIND DIR4	MIN 150B	MAX 8	WIND DIR5	MIN 150B	MAX 8	WIND DIR6	MIN 150B	MAX 8
100	50 0	57 0	101 0	111 0	0 0	0 0	120 0	158	82	132 0	172	36	146 0	162	136	148 0	163	136	0 0	0 0	0 0	0 0	0 0	0 0
200	63 0	65 0	148 0	160 0	0 0	0 0	122 0	163	104	136 0	170	101	155 0	162	147	156 0	166	146	0 0	0 0	0 0	0 0	0 0	0 0
300	61 0	67 0	130 0	129 0	0 0	0 0	134 0	187	90	146 0	196	101	165 0	177	152	164 0	179	147	0 0	0 0	0 0	0 0	0 0	0 0
400	50 0	45 0	98 0	75 0	0 0	0 0	194 0	268	100	203 0	266	101	202 0	226	167	199 0	233	140	0 0	0 0	0 0	0 0	0 0	0 0
500	71 0	75 0	163 0	150 0	0 0	0 0	149 0	247	92	157 0	241	102	171 0	189	155	170 0	189	152	0 0	0 0	0 0	0 0	0 0	0 0
600	88 0	84 0	174 0	156 0	0 0	0 0	149 0	190	104	156 0	262	101	173 0	196	157	173 0	197	152	0 0	0 0	0 0	0 0	0 0	0 0
700	81 0	82 0	160 0	143 0	0 0	0 0	147 0	245	97	156 0	236	101	175 0	191	152	173 0	203	145	0 0	0 0	0 0	0 0	0 0	0 0
800	62 0	60 0	131 0	105 0	0 0	0 0	168 0	244	92	178 0	262	90	183 0	209	150	179 0	207	144	0 0	0 0	0 0	0 0	0 0	0 0
900	68 0	62 0	136 0	97 0	0 0	0 0	184 0	246	94	191 0	262	104	190 0	225	147	186 0	224	144	0 0	0 0	0 0	0 0	0 0	0 0
1000	55 0	54 0	110 0	80 0	0 0	0 0	179 0	263	97	182 0	263	92	189 0	231	118	187 0	243	129	0 0	0 0	0 0	0 0	0 0	0 0
1100	63 0	57 0	100 0	77 0	0 0	0 0	193 0	250	94	206 0	263	102	200 0	229	155	197 0	237	155	0 0	0 0	0 0	0 0	0 0	0 0
1200	61 0	57 0	113 0	84 0	0 0	0 0	191 0	266	96	200 0	266	101	199 0	247	163	196 0	254	157	0 0	0 0	0 0	0 0	0 0	0 0
1300	57 0	55 0	99 0	83 0	0 0	0 0	237 0	335	181	245 0	349	189	212 0	262	142	208 0	260	136	0 0	0 0	0 0	0 0	0 0	0 0
1400	55 0	59 0	84 0	94 0	0 0	0 0	239 0	278	184	246 0	311	192	237 0	259	220	231 0	256	206	0 0	0 0	0 0	0 0	0 0	0 0
1500	49 0	53 0	77 0	85 0	0 0	0 0	256 0	269	238	262 0	286	237	263 0	277	250	256 0	275	240	0 0	0 0	0 0	0 0	0 0	0 0
1600	17 0	19 0	41 0	40 0	0 0	0 0	169 3	246	95	176 3	259	101	216 0	269	154	212 0	269	140	0 0	0 0	0 0	0 0	0 0	0 0
1700	36 0	39 0	44 0	50 0	0 0	0 0	253 0	315	198	257 0	327	197	251 0	289	190	244 0	294	203	0 0	0 0	0 0	0 0	0 0	0 0
1800	25 0	28 0	36 0	42 0	0 0	0 0	273 0	327	240	279 3	331	238	273 0	302	246	266 0	302	238	0 0	0 0	0 0	0 0	0 0	0 0
1900	68 0	69 0	109 0	107 0	0 0	0 0	18 0	51	339	22 0	84	329	24 0	37	0	14 0	32	349	0 0	0 0	0 0	0 0	0 0	0 0
2000	50 0	53 0	71 0	77 0	0 0	0 0	100 0	133	52	111 0	149	57	79 0	99	51	80 0	118	44	0 0	0 0	0 0	0 0	0 0	0 0
2100	53 0	55 0	76 0	77 0	0 0	0 0	349 0	55	275	352 0	59	283	22 0	69	344	11 0	63	346	0 0	0 0	0 0	0 0	0 0	0 0
2200	53 0	62 0	73 0	84 0	0 0	0 0	54 0	80	25	59 0	84	12	56 0	84	28	50 0	90	19	0 0	0 0	0 0	0 0	0 0	0 0
2300	47 0	55 0	72 0	86 0	0 0	0 0	57 0	83	36	66 0	106	35	57 0	76	44	52 0	70	33	0 0	0 0	0 0	0 0	0 0	0 0
2400	60 0	60 0	75 0	78 0	0 0	0 0	91 0	106	69	101 0	126	61	88 0	95	75	85 0	108	68	0 0	0 0	0 0	0 0	0 0	0 0

	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	S RAIN S
100	628 0	621 0	633 0	636 0	320 2	320 2	5 0	7 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	612 0	604 0	624 0	619 0	320 2	320 2	16 0	16 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	610 0	604 0	615 0	610 0	320 2	320 2	7 0	7 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	763 2	759 2	743 2	738 2	320 2	320 2	-18 2	-20 2	0 0	0 0	396 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	624 0	619 0	622 0	617 0	320 2	320 2	0 0	0 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	626 0	621 0	622 0	619 0	320 2	320 2	-2 0	-2 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	633 0	626 0	628 0	622 0	320 2	320 2	-4 0	-4 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	655 0	649 0	644 0	639 0	320 2	320 2	-9 0	-9 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	709 0	705 0	682 0	676 0	320 2	320 2	-25 0	-25 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	734 0	730 0	709 0	705 0	320 2	320 2	-23 0	-25 0	0 0	0 0	390 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	763 0	759 0	741 0	736 0	320 2	320 2	-20 0	-20 0	0 0	0 0	401 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	790 0	785 0	761 0	756 0	320 2	320 2	-29 0	-29 0	0 0	0 0	410 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	822 0	817 0	786 0	783 0	320 2	320 2	-34 0	-34 0	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	783 0	777 0	768 0	765 0	320 2	320 2	-11 0	-11 0	0 0	0 0	405 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	748 0	743 0	754 0	748 0	320 2	320 2	7 0	7 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	774 0	770 0	766 0	761 0	320 2	320 2	-5 0	-7 0	0 0	0 0	394 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	815 0	810 0	797 0	792 0	320 2	320 2	-16 0	-18 0	0 0	0 0	421 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	790 0	786 0	781 0	775 0	320 2	320 2	-7 0	-7 0	0 0	0 0	405 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	725 0	720 0	720 0	714 0	320 2	320 2	-4 0	-4 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	703 0	696 0	716 0	709 0	320 2	320 2	14 0	14 0	0 0	0 0	365 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	698 0	693 0	714 0	709 0	320 2	320 2	18 0	-18 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	696 0	691 0	693 0	687 0	320 2	320 2	-4 0	-4 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	698 0	693 0	694 0	689 0	320 2	320 2	-2 0	-2 0	0 0	0 0	365 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	696 0	691 0	696 0	691 0	320 2	320 2	2 0	2 0	0 0	0 0	363 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6				
	50	A S	50	B S	150A	B S	150B	S	S	50	A S	S				50	B S	S	150A	S				150B	S				150B	S				150B	S				150B	S				150B	S		
100	52	0	52	0	73	0	73	0	0	0	0	0	26	0	53	356	30	0	60	351	31	0	46	11	23	0	44	355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	25	0	27	0	51	0	62	0	0	0	0	0	62	3	106	15	72	3	128	13	56	0	71	45	52	0	69	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
300	41	0	42	0	71	0	76	0	0	0	0	0	32	0	60	13	39	0	81	13	44	0	51	31	36	0	46	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
400	49	0	55	0	75	0	87	0	0	0	0	0	44	0	60	24	50	0	84	16	48	0	53	40	43	0	54	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
500	47	0	49	0	62	0	69	0	0	0	0	0	77	0	112	50	87	0	128	59	77	0	90	68	74	0	90	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
600	55	0	54	0	81	0	86	0	0	0	0	0	85	0	135	33	92	0	149	35	86	0	94	54	86	0	114	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
700	87	0	88	0	124	0	131	0	0	0	0	0	88	0	113	62	97	0	129	80	92	0	100	81	96	0	125	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	98	0	100	0	121	0	131	0	0	0	0	0	111	0	130	86	123	0	150	81	104	0	141	92	120	0	145	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	121	0	125	0	145	0	158	0	0	0	0	0	110	0	138	88	121	0	149	82	109	0	125	99	123	0	142	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	85	0	89	0	107	0	114	0	0	0	0	0	113	0	144	81	123	0	169	34	110	0	150	89	128	0	173	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1100	72	0	70	0	92	0	97	0	0	0	0	0	118	0	175	82	127	0	169	58	110	0	158	76	135	0	173	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	55	0	57	0	78	0	87	0	0	0	0	0	109	0	178	55	121	0	177	61	103	0	169	73	125	0	174	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	66	0	72	0	94	0	104	0	0	0	0	0	123	0	173	54	131	0	173	15	135	0	176	64	148	0	175	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	73	0	77	0	110	0	116	0	0	0	0	0	123	0	178	94	140	0	238	100	136	0	164	80	145	0	168	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	74	0	77	0	115	0	121	0	0	0	0	0	128	0	178	86	139	0	197	100	139	0	170	85	147	0	169	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	68	0	73	0	111	0	117	0	0	0	0	0	127	0	175	68	135	0	176	38	147	0	175	101	153	0	180	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	74	0	82	0	115	0	126	0	0	0	0	0	124	0	158	64	132	0	166	59	142	0	164	112	148	0	172	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	52	0	58	0	100	0	107	0	0	0	0	0	127	0	175	84	138	0	193	103	149	0	169	112	152	0	179	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	39	0	43	0	86	0	93	0	0	0	0	0	126	0	163	84	139	0	192	103	155	0	163	143	156	0	164	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	46	0	50	0	114	0	114	0	0	0	0	0	149	0	194	96	154	0	235	102	171	0	182	160	170	0	183	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	42	0	43	0	106	0	101	0	0	0	0	0	137	0	171	103	144	0	196	104	175	0	185	162	173	0	187	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	56	0	56	0	132	0	98	0	0	0	0	0	166	0	250	105	177	0	259	96	187	0	198	176	184	0	196	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	55	0	51	0	147	0	94	0	0	0	0	0	176	0	249	120	183	0	263	102	196	0	203	182	191	0	206	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2400	70	0	65	0	163	0	111	0	0	0	0	0	184	0	269	121	191	0	263	90	198	0	220	177	195	0	220	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	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	689 0	682 0	685 0	680 0	320 2	320 2	2 0	2 0	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	675 0	667 0	676 0	671 0	320 2	320 2	4 0	5 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	666 0	660 0	671 0	667 0	320 2	320 2	7 0	9 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	666 0	658 0	664 0	660 0	320 2	320 2	2 0	4 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	653 0	648 0	648 0	642 0	320 2	320 2	-4 0	-4 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	651 0	645 0	644 0	640 0	320 2	320 2	-5 0	-4 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	655 0	649 0	646 0	640 0	320 2	320 2	-5 0	-7 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	671 0	665 0	660 0	653 0	320 2	320 2	-11 0	-13 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	691 0	687 0	682 0	676 0	320 2	320 2	-7 0	-9 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	727 0	723 0	718 0	714 0	320 2	320 2	-7 0	-7 0	0 0	0 0	403 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	775 0	774 0	759 0	756 0	320 2	320 2	-14 0	-14 0	0 0	0 0	426 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	792 0	790 0	766 0	761 0	320 2	320 2	-25 0	-27 0	0 0	0 0	430 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	786 0	784 0	763 0	759 0	320 2	320 2	-23 0	-23 0	0 0	0 0	419 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	788 0	783 0	765 0	759 0	320 2	320 2	-20 0	-22 0	0 0	0 0	419 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	799 0	795 0	779 0	774 0	320 2	320 2	-20 0	-20 0	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	808 0	804 0	788 0	781 0	320 2	320 2	-20 0	-20 0	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	810 0	806 0	795 0	788 0	320 2	320 2	-14 0	-14 0	0 0	0 0	423 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	808 0	802 0	793 0	788 0	320 2	320 2	-9 0	-11 0	0 0	0 0	412 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	784 0	779 0	784 0	779 0	320 2	320 2	2 0	2 0	0 0	0 0	405 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	765 0	757 0	774 0	766 0	320 2	320 2	13 0	13 0	0 0	0 0	397 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	750 0	745 0	766 0	761 0	320 2	320 2	18 0	20 0	0 0	0 0	392 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	747 0	741 0	757 0	752 0	320 2	320 2	11 0	13 0	0 0	0 0	390 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	736 0	730 0	748 0	741 0	320 2	320 2	13 0	13 0	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	727 0	721 0	739 0	732 0	320 2	320 2	13 0	13 0	0 0	0 0	385 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S			50	B S			150A	S			150B	S			S			S				
100	60	0	57	0	142	0	98	0	0 0	0	0	194	0	253	100	206	0	263	124	204	0	219	184	201	0	234	155	0	0	0	0	0	0	
200	79	0	71	0	154	0	133	0	0 0	0	0	207	0	246	146	214	0	263	127	214	0	232	198	211	0	239	180	0	0	0	0	0	0	
300	106	0	98	0	167	0	160	0	0 0	0	0	213	0	264	131	222	0	263	150	219	0	242	193	213	0	240	160	0	0	0	0	0	0	
400	111	0	99	0	165	0	165	0	0 0	0	0	215	0	257	182	224	0	263	170	220	0	242	202	217	0	252	185	0	0	0	0	0	0	
500	109	0	101	0	161	0	163	0	0 0	0	0	221	0	268	165	229	0	305	192	226	0	244	202	219	0	243	192	0	0	0	0	0	0	
600	104	0	95	0	165	0	173	0	0 0	0	0	220	0	269	163	230	0	330	190	223	0	240	204	219	0	247	195	0	0	0	0	0	0	
700	113	0	102	0	171	0	170	0	0 0	0	0	221	0	264	172	232	0	306	180	224	0	240	209	219	0	236	179	0	0	0	0	0	0	
800	112	0	113	0	169	0	175	0	0 0	0	0	228	0	257	183	240	0	302	192	228	0	253	207	223	0	243	192	0	0	0	0	0	0	
900	116	0	111	0	164	0	173	0	0 0	0	0	227	0	266	192	234	0	282	189	230	0	251	209	224	0	260	179	0	0	0	0	0	0	
1000	114	0	112	0	166	0	175	0	0 0	0	0	228	0	268	182	237	0	306	195	233	0	257	205	225	0	252	198	0	0	0	0	0	0	
1100	105	0	104	0	164	0	172	0	0 0	0	0	234	0	267	200	243	0	312	192	243	0	266	212	235	0	263	191	0	0	0	0	0	0	
1200	132	0	133	0	177	0	196	0	0 0	0	0	237	0	266	210	243	0	283	201	246	0	259	229	238	0	250	201	0	0	0	0	0	0	
1300	99	0	94	0	127	0	129	0	0 0	0	0	239	0	301	201	249	0	315	190	244	0	269	218	237	0	275	203	0	0	0	0	0	0	
1400	99	0	102	0	134	0	144	0	0 0	0	0	231	0	262	184	238	0	302	192	234	0	255	206	229	0	294	190	0	0	0	0	0	0	
1500	121	0	115	0	159	0	162	0	0 0	0	0	224	0	263	167	232	0	266	149	231	0	252	205	226	0	264	173	0	0	0	0	0	0	
1600	102	0	103	0	138	0	144	0	0 0	0	0	230	0	274	194	236	0	264	171	229	0	253	198	223	0	251	179	0	0	0	0	0	0	
1700	93	0	85	0	121	0	121	0	0 0	0	0	226	0	297	184	237	0	330	191	228	0	266	194	221	0	257	181	0	0	0	0	0	0	
1800	76	0	72	0	140	0	124	0	0 0	0	0	211	0	267	125	218	0	266	100	214	0	236	177	210	0	236	169	0	0	0	0	0	0	
1900	83	0	75	0	129	0	130	0	0 0	0	0	218	0	263	160	232	0	304	195	224	0	244	200	219	0	247	189	0	0	0	0	0	0	
2000	88	0	85	0	140	0	146	0	0 0	0	0	223	0	264	183	225	0	266	153	225	0	245	204	219	0	249	196	0	0	0	0	0	0	
2100	88	0	83	0	145	0	132	0	0 0	0	0	221	0	258	150	233	0	306	184	227	0	256	209	222	0	251	192	0	0	0	0	0	0	
2200	109	0	103	0	166	0	172	0	0 0	0	0	222	0	277	188	230	0	302	190	225	0	254	208	219	0	248	186	0	0	0	0	0	0	
2300	86	0	81	0	149	0	155	0	0 0	0	0	224	0	280	181	232	0	283	192	227	0	245	204	220	0	242	200	0	0	0	0	0	0	
2400	102	0	100	0	154	0	169	0	0 0	0	0	228	0	257	198	233	0	282	196	236	0	253	218	228	0	250	195	0	0	0	0	0	0	

	AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8			
	30	A S	30	B S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		S
100	720	0	716	0	729	0	721	0	320	2	320	2	9	0	9	0	0	0	0	0	383	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	732	0	727	0	738	0	730	0	320	2	320	2	7	0	7	0	0	0	0	0	387	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	738	0	732	0	739	0	732	0	320	2	320	2	2	0	2	0	0	0	0	0	388	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	736	0	731	0	736	0	729	0	320	2	320	2	0	0	0	0	0	0	0	0	388	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	734	0	729	0	732	0	725	0	320	2	320	2	2	0	-2	0	0	0	0	0	388	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	730	0	725	0	729	0	723	0	320	2	320	2	0	0	0	0	0	0	0	0	385	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	738	0	735	0	730	0	721	0	320	2	320	2	-4	0	-4	0	0	0	0	0	385	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	756	0	752	0	747	0	741	0	320	2	320	2	-7	0	-7	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	766	0	761	0	752	0	747	0	320	2	320	2	-11	0	-13	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	784	0	779	0	770	0	765	0	320	2	320	2	-13	0	-11	0	0	0	0	0	421	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	795	0	786	0	775	0	766	0	320	2	320	2	-14	0	-14	0	0	0	0	0	421	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	797	0	788	0	783	0	777	0	320	2	320	2	-7	0	-7	0	0	0	0	0	428	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	820	0	811	0	797	0	788	0	320	2	320	2	-16	0	-16	0	0	0	0	0	423	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	824	0	819	0	810	0	804	0	320	2	320	2	-13	0	-13	0	0	0	0	0	432	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	842	0	837	0	822	0	815	0	320	2	320	2	-16	0	-18	0	0	0	0	0	433	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	860	0	855	0	837	0	831	0	320	2	320	2	-22	0	-22	0	0	0	0	0	442	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	860	0	851	0	837	0	829	0	320	2	320	2	-14	0	-16	0	0	0	0	0	441	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	838	0	833	0	824	0	819	0	320	2	320	2	-11	0	-13	0	0	0	0	0	439	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	811	0	808	0	808	0	801	0	320	2	320	2	-4	0	-4	0	0	0	0	0	421	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	799	0	793	0	795	0	788	0	320	2	320	2	-4	0	-4	0	0	0	0	0	414	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	792	0	782	0	786	0	781	0	320	2	320	2	-2	0	-4	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	781	0	775	0	777	0	770	0	320	2	320	2	2	0	-4	0	0	0	0	0	405	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	770	0	765	0	766	0	763	0	320	2	320	2	2	0	-2	0	0	0	0	0	401	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	765	0	759	0	759	0	754	0	320	2	320	2	-4	0	-4	0	0	0	0	0	401	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5 S	MIN	MAX	WIND DIR6 S	MIN	MAX
100	101 0	95 0	156 0	166 0	0 0	0 0	223 0	257	182	231 0	283	192	229 0	253	210	223 0	250	178	0 0	0	0	0	0	0
200	98 0	95 0	152 0	161 0	0 0	0 0	228 0	277	182	236 0	286	193	230 0	251	214	224 0	253	197	0 0	0	0	0	0	0
300	95 0	93 0	146 0	159 0	0 0	0 0	226 0	269	180	233 0	263	148	233 0	259	217	225 0	247	192	0 0	0	0	0	0	0
400	100 0	100 0	143 0	155 0	0 0	0 0	227 0	274	195	233 0	283	195	231 0	252	209	225 0	244	197	0 0	0	0	0	0	0
500	79 0	77 0	137 0	150 0	0 0	0 0	225 0	273	184	233 0	307	193	230 0	241	218	224 0	243	203	0 0	0	0	0	0	0
600	74 0	74 0	118 0	128 0	0 0	0 0	227 0	257	180	234 0	263	174	233 0	251	205	227 0	254	191	0 0	0	0	0	0	0
700	78 0	73 0	125 0	126 0	0 0	0 0	225 0	299	183	236 0	305	196	231 0	251	208	225 0	244	197	0 0	0	0	0	0	0
800	105 0	95 0	141 0	141 0	0 0	0 0	231 0	266	194	239 0	301	195	236 0	257	218	230 0	249	206	0 0	0	0	0	0	0
900	92 0	87 0	125 0	132 0	0 0	0 0	231 0	262	193	239 0	304	192	236 0	253	210	230 0	259	196	0 0	0	0	0	0	0
1000	62 0	63 0	92 0	102 0	0 0	0 0	231 0	286	190	238 0	282	192	236 0	256	218	231 0	264	206	0 0	0	0	0	0	0
1100	86 0	84 0	109 0	117 0	0 0	0 0	233 0	267	180	242 0	286	189	243 0	264	217	237 0	278	202	0 0	0	0	0	0	0
1200	88 0	85 0	117 0	127 0	0 0	0 0	227 0	255	196	233 0	263	172	241 0	266	228	234 0	274	208	0 0	0	0	0	0	0
1300	65 0	66 0	96 0	105 0	0 0	0 0	234 0	269	157	244 0	323	189	237 0	260	214	232 0	265	202	0 0	0	0	0	0	0
1400	69 0	64 0	103 0	106 0	0 0	0 0	227 0	273	186	233 0	288	190	228 0	255	201	223 0	252	187	0 0	0	0	0	0	0
1500	77 0	77 0	106 0	113 0	0 0	0 0	230 0	263	178	238 0	288	189	231 0	253	205	225 0	257	191	0 0	0	0	0	0	0
1600	74 0	68 0	110 0	100 0	0 0	0 0	213 0	266	159	221 0	266	121	216 0	241	191	212 0	243	185	0 0	0	0	0	0	0
1700	105 0	94 0	151 0	160 0	0 0	0 0	225 0	269	177	233 0	279	189	230 0	251	214	226 0	262	197	0 0	0	0	0	0	0
1800	80 0	80 0	115 0	125 0	0 0	0 0	223 0	283	181	231 0	286	190	226 0	247	211	222 0	244	196	0 0	0	0	0	0	0
1900	79 0	69 0	122 0	106 0	0 0	0 0	213 0	256	97	226 0	285	190	216 0	239	188	212 0	243	178	0 0	0	0	0	0	0
2000	61 0	53 0	102 0	64 0	0 0	0 0	208 0	245	144	216 0	261	151	212 0	228	194	208 0	227	186	0 0	0	0	0	0	0
2100	54 0	47 0	100 0	72 0	0 0	0 0	200 0	243	131	211 0	262	125	205 0	224	181	202 0	230	169	0 0	0	0	0	0	0
2200	34 0	30 0	83 0	57 0	0 0	0 0	192 0	262	113	198 3	263	102	203 0	216	183	199 0	222	179	0 0	0	0	0	0	0
2300	41 0	37 0	91 0	64 0	0 0	0 0	186 0	264	91	191 0	263	103	198 0	237	146	194 0	240	134	0 0	0	0	0	0	0
2400	55 0	55 0	116 0	98 0	0 0	0 0	157 0	203	97	165 0	236	101	179 0	198	153	177 0	202	161	0 0	0	0	0	0	0

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN				
30	A	S	30	B	S	180A	S	180B	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	
100	763	0	757	0	757	0	752	0	320	2	320	2	-4	0	-4	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	761	0	756	0	756	0	750	0	320	2	320	2	-4	0	-4	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	757	0	752	0	752	0	747	0	320	2	320	2	-4	0	-4	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	750	0	747	0	747	0	741	0	320	2	320	2	-2	0	-4	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	741	0	734	0	736	0	730	0	320	2	320	2	2	0	-4	0	0	0	0	0	390	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	734	0	729	0	729	0	723	0	320	2	320	2	-2	0	-4	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	738	0	732	0	729	0	720	0	320	2	320	2	-4	0	-4	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	748	0	736	0	730	0	720	0	320	2	320	2	-7	0	-9	0	0	0	0	0	379	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	743	0	734	0	727	0	718	0	320	2	320	2	-9	0	-9	0	0	0	0	0	388	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	750	0	745	0	736	0	730	0	320	2	320	2	-11	0	-13	0	0	0	0	0	401	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	763	0	756	0	741	0	736	0	320	2	320	2	-14	0	-14	0	0	0	0	0	406	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	752	0	741	0	738	0	732	0	320	2	320	2	-7	0	-7	0	0	0	0	0	401	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	781	0	777	0	763	0	757	0	320	2	320	2	-16	0	-18	0	0	0	0	0	415	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	788	0	781	0	768	0	763	0	320	2	320	2	-14	0	-16	0	0	0	0	0	414	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	792	0	786	0	772	0	765	0	320	2	320	2	-18	0	-18	0	0	0	0	0	414	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	806	0	801	0	786	0	779	0	320	2	320	2	-18	0	-20	0	0	0	0	0	421	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	795	0	788	0	777	0	770	0	320	2	320	2	-14	0	-14	0	0	0	0	0	419	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	768	0	765	0	761	0	756	0	320	2	320	2	-5	0	-7	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	768	0	759	0	757	0	748	0	320	2	320	2	-4	0	-5	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	747	0	741	0	745	0	738	0	320	2	320	2	2	0	-2	0	0	0	0	0	390	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	743	0	739	0	739	0	734	0	320	2	320	2	-2	0	-2	0	0	0	0	0	387	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	734	0	727	0	734	0	729	0	320	2	320	2	4	0	2	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	734	0	729	0	736	0	729	0	320	2	320	2	2	0	2	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	736	0	730	0	734	0	727	0	320	2	320	2	0	0	0	0	0	0	0	0	381	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	50	A	S	50	B	S	150A	B	150B	S		50	A	S		50	A	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B	S		150A	S		150B	S		50	B

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	S	30	B	S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	729	0	723	0	729	0	721	0	320	2	320	2	2	0	2	0	0	0	0	0	376	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	729	0	725	0	727	0	721	0	320	2	320	2	0	0	2	0	0	0	0	0	378	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	734	0	729	0	727	0	721	0	320	2	320	2	-5	0	-5	0	0	0	0	0	379	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	732	0	729	0	727	0	720	0	320	2	320	2	-5	0	-5	0	0	0	0	0	379	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	729	0	725	0	723	0	716	0	320	2	320	2	-5	0	-5	0	0	0	0	0	378	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	727	0	720	0	721	0	714	0	320	2	320	2	-4	0	-4	0	0	0	0	0	376	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	729	0	723	0	718	0	714	0	320	2	320	2	-5	0	-7	0	0	0	0	0	376	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	756	0	743	0	727	0	716	0	320	2	320	2	-5	0	-7	0	0	0	0	0	387	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	748	0	743	0	732	0	725	0	320	2	320	2	-13	0	-14	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	774	0	759	0	745	0	736	0	320	2	320	2	-11	0	-13	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	770	0	759	0	750	0	743	0	320	2	320	2	-11	0	-13	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	772	0	766	0	757	0	750	0	320	2	320	2	-13	0	-13	0	0	0	0	0	401	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	799	0	792	0	768	0	765	0	320	2	320	2	-23	0	-25	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	815	0	805	0	792	0	783	0	320	2	320	2	-14	0	-16	0	0	0	0	0	412	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	826	0	819	0	801	0	795	0	320	2	320	2	-22	0	-22	0	0	0	0	0	423	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	790	0	779	0	772	0	766	0	320	2	320	2	-11	0	-13	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	784	0	779	0	770	0	765	0	320	2	320	2	-13	0	-13	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	790	0	784	0	775	0	770	0	320	2	320	2	-13	0	-13	0	0	0	0	0	405	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	774	0	768	0	770	0	765	0	320	2	320	2	2	0	-2	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	775	0	765	0	772	0	763	0	320	2	320	2	4	0	2	0	0	0	0	0	397	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	775	0	768	0	775	0	770	0	320	2	320	2	5	0	4	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	808	0	797	0	795	0	783	0	320	2	320	2	2	0	-4	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	786	0	781	0	781	0	775	0	320	2	320	2	-4	0	-4	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	777	0	772	0	772	0	766	0	320	2	320	2	2	0	-4	0	0	0	0	0	396	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

	WIND SPD1 50 A S		WIND SPD2 50 B S		WIND SPD3 150A S		WIND SPD4 150E S		WIND SPD5 S		WIND SPD6 50 A S		WIND DIR1		MIN 50		MAX 8 S		WIND DIR2		MIN 150A S		MAX S		WIND DIR3		MIN 150B S		MAX S		WIND DIR4		MIN S		MAX 8		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S					
100	101	0	100	0	167	0	182	0	0	0	0	0	227	0	251	184	236	0	263	173	234	0	252	207	229	0	258	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
200	105	0	105	0	162	0	174	0	0	0	0	0	224	0	260	166	233	0	283	192	232	0	251	217	225	0	246	199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
300	119	0	117	0	180	0	199	0	0	0	0	0	226	0	270	187	231	0	283	192	234	0	254	206	228	0	265	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
400	140	0	137	0	218	0	241	0	0	0	0	0	232	0	266	205	240	0	285	196	239	0	261	221	231	0	270	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
500	135	0	134	0	198	0	217	0	0	0	0	0	229	0	256	202	238	0	286	195	235	0	256	219	229	0	248	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
600	119	0	120	0	182	0	196	0	0	0	0	0	229	0	259	177	239	0	305	191	233	0	248	214	227	0	249	198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
700	93	0	91	0	137	0	146	0	0	0	0	0	225	0	249	178	230	0	265	169	229	0	246	213	224	0	252	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	82	0	76	0	127	0	139	0	0	0	0	0	226	0	276	186	234	0	282	192	231	0	250	209	225	0	250	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	176	0	170	0	249	0	271	0	0	0	0	0	239	0	271	214	243	0	282	192	252	0	263	245	242	0	250	224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	174	0	158	0	258	0	260	0	0	0	0	0	234	0	262	206	243	0	287	193	244	0	262	234	237	0	268	213	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1100	117	0	110	0	182	0	187	0	0	0	0	0	219	0	256	165	233	0	354	191	226	0	254	203	221	0	243	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1200	91	0	85	0	127	0	130	0	0	0	0	0	225	0	261	184	235	0	308	189	228	0	247	209	223	0	259	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	62	0	59	0	112	0	88	0	0	0	0	0	171	0	259	97	179	0	264	102	185	0	217	106	182	0	218	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	76	0	66	0	121	0	91	0	0	0	0	0	182	0	266	107	187	0	266	101	186	0	225	147	185	0	254	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	60	0	56	0	120	0	96	0	0	0	0	0	161	0	230	95	169	0	261	101	183	0	212	136	180	0	210	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	62	0	58	0	113	0	83	0	0	0	0	0	198	0	267	91	209	0	266	103	201	0	241	128	197	0	248	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	87	0	76	0	129	0	112	0	0	0	0	0	210	0	249	137	218	0	266	145	213	0	259	174	207	0	243	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	51	0	45	0	92	0	64	0	0	0	0	0	194	0	261	119	201	0	263	125	201	0	224	175	195	0	224	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	33	0	30	0	78	0	53	0	0	0	0	0	193	0	263	136	203	3	266	106	201	0	220	190	196	0	217	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	41	0	42	0	104	0	80	0	0	0	0	0	150	0	211	119	156	0	218	105	185	0	193	171	181	0	193	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	39	0	34	0	119	0	76	0	0	0	0	0	179	0	235	91	186	0	241	105	199	0	212	189	194	0	212	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2200	66	0	55	0	128	0	130	0	0	0	0	0	202	0	240	133	212	0	260	144	222	0	235	210	217	0	234	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2300	89	0	80	0	139	0	146	0	0	0	0	0	218	0	269	192	224	0	263	176	226	0	250	212	221	0	237	199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	84	0	81	0	130	0	142	0	0	0	0	0	222	0	256	184	230	0	274	189	232	0	249	212	226	0	256	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	768	0		765	0	766	0	761	0	320	2	320	2	2	0	2	0	0	0	0	0	392	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	772	0		766	0	770	0	763	0	320	2	320	2	2	0	-2	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	777	0		772	0	772	0	756	0	320	2	320	2	-2	0	-4	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	772	0		768	0	770	0	765	0	320	2	320	2	0	0	-2	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	766	0		763	0	765	0	761	0	320	2	320	2	0	0	0	0	0	0	0	0	390	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	770	0		765	0	766	0	761	0	320	2	320	2	-2	0	-4	0	0	0	0	0	392	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	772	0		768	0	766	0	761	0	320	2	320	2	-4	0	-5	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	774	0		768	0	765	0	761	0	320	2	320	2	-5	0	-7	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	763	0		752	0	754	0	748	0	320	2	320	2	2	0	-2	0	0	0	0	0	392	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	730	0		725	0	730	0	720	0	320	2	320	2	-5	0	-4	0	0	0	0	0	370	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	725	0		721	0	721	0	718	0	320	2	320	2	0	0	-2	0	0	0	0	0	387	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	774	0		766	0	763	0	754	0	320	2	320	2	-9	0	-9	0	0	0	0	0	412	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	804	0		799	0	772	0	768	0	320	2	320	2	-29	0	-29	0	0	0	0	0	439	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	828	0		819	0	790	0	783	0	320	2	320	2	-31	0	-32	0	0	0	0	0	451	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	815	0		808	0	788	0	781	0	320	2	320	2	-20	0	-22	0	0	0	0	0	435	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	829	0		826	0	804	0	799	0	320	2	320	2	-25	0	-25	0	0	0	0	0	457	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	826	0		822	0	808	0	801	0	320	2	320	2	-18	0	-18	0	0	0	0	0	448	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	833	0		825	0	813	0	808	0	320	2	320	2	-16	0	-16	0	0	0	0	0	460	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	799	0		793	0	799	0	792	0	320	2	320	2	2	0	0	0	0	0	0	0	446	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	777	0		772	0	792	0	786	0	320	2	320	2	16	0	16	0	0	0	0	0	433	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	772	0		765	0	790	0	783	0	320	2	320	2	20	0	20	0	0	0	0	0	433	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	781	0		774	0	793	0	786	0	320	2	320	2	18	0	16	0	0	0	0	0	437	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	797	0		790	0	795	0	790	0	320	2	320	2	4	0	2	0	0	0	0	0	446	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	790	0		786	0	790	0	784	0	320	2	320	2	2	0	0	0	0	0	0	0	444	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S	S	
100	82	0	77	0	134	0	145	0	0 0	0 0	220	0	257	183	228	0	266	175	230	0	245	215	223	0	243	200	0 0	0 0	0 0	0 0	0 0	0 0		
200	74	0	69	0	121	0	130	0	0 0	0 0	217	0	257	145	228	0	282	182	227	0	246	206	221	0	247	185	0 0	0 0	0 0	0 0	0 0	0 0		
300	68	0	65	0	117	0	128	0	0 0	0 0	221	0	258	186	228	0	262	167	233	0	245	222	227	0	243	208	0 0	0 0	0 0	0 0	0 0	0 0		
400	77	0	72	0	124	0	136	0	0 0	0 0	221	0	249	189	231	0	263	192	232	0	242	216	226	0	250	203	0 0	0 0	0 0	0 0	0 0	0 0		
500	51	0	44	0	111	0	94	0	0 0	0 0	194	0	235	135	202	0	261	146	213	0	222	203	210	0	227	196	0 0	0 0	0 0	0 0	0 0	0 0		
600	63	0	53	0	127	0	116	0	0 0	0 0	200	0	239	129	206	0	262	128	216	0	225	206	213	0	229	195	0 0	0 0	0 0	0 0	0 0	0 0		
700	65	0	55	0	116	0	115	0	0 0	0 0	208	0	262	160	217	0	261	170	219	0	232	204	215	0	231	189	0 0	0 0	0 0	0 0	0 0	0 0		
800	58	0	53	0	93	0	85	0	0 0	0 0	206	0	253	153	214	0	264	129	216	0	242	188	211	0	237	179	0 0	0 0	0 0	0 0	0 0	0 0		
900	83	0	60	0	119	0	121	0	0 0	0 0	217	0	248	160	226	0	263	168	224	0	242	200	219	0	245	190	0 0	0 0	0 0	0 0	0 0	0 0		
1000	68	0	62	0	97	0	101	0	0 0	0 0	227	0	269	154	233	0	286	189	228	0	256	196	222	0	276	190	0 0	0 0	0 0	0 0	0 0	0 0		
1100	74	0	67	0	92	0	92	0	0 0	0 0	236	0	298	185	244	0	313	196	236	0	273	204	228	0	262	171	0 0	0 0	0 0	0 0	0 0	0 0		
1200	75	0	73	0	92	0	98	0	0 0	0 0	242	0	275	206	251	0	304	221	252	0	270	236	245	0	274	225	0 0	0 0	0 0	0 0	0 0	0 0		
1300	65	0	62	0	83	0	89	0	0 0	0 0	258	0	280	229	265	0	301	235	265	0	274	258	258	0	271	245	0 0	0 0	0 0	0 0	0 0	0 0		
1400	59	0	62	0	79	0	86	0	0 0	0 0	255	0	283	231	261	0	301	211	263	0	276	244	255	0	274	236	0 0	0 0	0 0	0 0	0 0	0 0		
1500	65	0	69	0	65	0	73	0	0 0	0 0	264	0	294	235	268	0	306	218	256	0	282	227	250	0	279	221	0 0	0 0	0 0	0 0	0 0	0 0		
1600	49	0	53	0	64	0	73	0	0 0	0 0	244	0	279	199	252	0	288	195	248	0	277	204	240	0	268	190	0 0	0 0	0 0	0 0	0 0	0 0		
1700	67	0	72	0	87	0	98	0	0 0	0 0	239	0	270	209	245	0	284	197	250	0	267	234	242	0	265	223	0 0	0 0	0 0	0 0	0 0	0 0		
1800	50	0	51	0	81	0	90	0	0 0	0 0	226	0	263	196	232	0	286	195	232	0	260	206	227	0	261	191	0 0	0 0	0 0	0 0	0 0	0 0		
1900	66	0	61	0	111	0	125	0	0 0	0 0	215	0	239	185	221	0	256	149	226	0	234	216	222	0	234	205	0 0	0 0	0 0	0 0	0 0	0 0		
2000	64	0	51	0	124	0	124	0	0 0	0 0	205	0	230	172	212	0	249	166	221	0	234	211	217	0	226	204	0 0	0 0	0 0	0 0	0 0	0 0		
2100	62	0	52	0	124	0	120	0	0 0	0 0	203	0	231	162	209	0	253	129	218	0	231	209	215	0	235	197	0 0	0 0	0 0	0 0	0 0	0 0		
2200	87	0	82	0	145	0	154	0	0 0	0 0	218	0	253	177	223	0	263	101	226	0	240	207	221	0	243	193	0 0	0 0	0 0	0 0	0 0	0 0		
2300	89	0	82	0	142	0	154	0	0 0	0 0	217	0	254	150	226	0	266	169	227	0	244	212	222	0	251	199	0 0	0 0	0 0	0 0	0 0	0 0		
2400	82	0	72	0	140	0	151	0	0 0	0 0	214	0	253	170	222	0	262	168	229	0	243	216	224	0	240	203	0 0	0 0	0 0	0 0	0 0	0 0		

	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	S RAIN	S
100	783 0	777 0	783 0	777 0	320 2	320 2	2 0	2 0	0 0	0 0	439 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
200	775 0	770 0	774 0	768 0	320 2	320 2	0 0	0 0	0 0	0 0	441 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
300	772 0	765 0	770 0	765 0	320 2	320 2	2 0	2 0	0 0	0 0	439 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
400	768 0	765 0	766 0	763 0	320 2	320 2	0 0	0 0	0 0	0 0	439 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
500	747 0	741 0	752 0	747 0	320 2	320 2	7 0	7 0	0 0	0 0	430 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
600	739 0	736 0	752 0	745 0	320 2	320 2	13 0	13 0	0 0	0 0	426 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
700	741 0	736 0	745 0	738 0	320 2	320 2	4 0	4 0	0 0	0 0	430 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
800	774 0	770 0	763 0	757 0	320 2	320 2	-11 0	-11 0	0 0	0 0	450 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
900	799 0	795 0	783 0	777 0	320 2	320 2	-14 0	-14 0	0 0	0 0	466 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1000	822 0	817 0	806 0	801 0	320 2	320 2	-14 0	-16 0	0 0	0 0	480 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1100	858 0	844 0	828 0	819 0	320 2	320 2	-18 0	-20 0	0 0	0 0	486 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1200	844 0	835 0	822 0	817 0	320 2	320 2	-14 0	-14 0	0 0	0 0	487 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1300	846 0	842 0	833 0	826 0	320 2	320 2	-11 0	-11 0	0 0	0 0	477 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1400	867 0	862 0	840 0	837 0	320 2	320 2	-23 0	-23 0	0 0	0 0	493 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1500	880 0	876 0	869 0	865 0	320 2	320 2	-9 0	-9 0	0 0	0 0	498 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1600	891 0	887 0	869 0	864 0	320 2	320 2	-20 0	-20 0	0 0	0 0	491 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1700	882 0	878 0	871 0	865 0	320 2	320 2	-9 0	-11 0	0 0	0 0	498 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1800	874 0	869 0	865 0	858 0	320 2	320 2	-7 0	-9 0	0 0	0 0	495 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
1900	858 0	853 0	865 0	860 0	320 2	320 2	11 0	9 0	0 0	0 0	482 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2000	849 0	838 0	858 0	849 0	320 2	320 2	16 0	14 0	0 0	0 0	465 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2100	826 0	819 0	842 0	835 0	320 2	320 2	18 0	16 0	0 0	0 0	464 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2200	831 0	826 0	835 0	828 0	320 2	320 2	5 0	4 0	0 0	0 0	469 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2300	826 0	820 0	826 0	820 0	320 2	320 2	4 0	2 0	0 0	0 0	469 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	0 0
2400	808 0	802 0	815 0	810 0	320 2	320 2	9 0	9 0	0 0	0 0	459 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0	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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN MAX 50 B S	WIND DIR2	MIN MAX 150A S	WIND DIR3	MIN MAX 150B S	WIND DIR4	MIN MAX S	WIND DIR5	MIN MAX S	WIND DIR6
100	77 0	70 0	139 0	151 0	0 0	0 0	216 0	242 169	224 0	262 173	228 0	250 210	223 0	239 196	0 0	0 0
200	96 0	92 0	151 0	167 0	0 0	0 0	229 0	263 180	238 0	305 193	239 0	250 222	232 0	257 207	0 0	0 0
300	94 0	94 0	145 0	161 0	0 0	0 0	229 0	269 192	234 0	282 192	242 0	257 227	235 0	254 209	0 0	0 0
400	87 0	82 0	138 0	152 0	0 0	0 0	230 0	262 189	239 0	283 192	239 0	251 219	234 0	258 208	0 0	0 0
500	69 0	69 0	107 0	119 0	0 0	0 0	226 0	309 183	232 0	265 173	239 0	251 224	233 0	255 211	0 0	0 0
600	164 0	169 0	238 0	264 0	0 0	0 0	250 0	280 224	254 0	286 218	267 0	282 254	258 0	279 236	0 0	0 0
700	58 0	51 0	114 0	102 0	0 0	0 0	205 0	238 140	211 0	262 104	218 0	238 199	214 0	234 190	0 0	0 0
800	62 0	62 0	64 0	67 0	0 0	0 0	141 0	191 104	152 0	225 124	119 0	179 65	139 0	178 118	0 0	0 0
900	38 0	36 0	62 0	51 0	0 0	0 0	194 0	264 91	204 0	262 102	205 0	238 150	200 0	241 145	0 0	0 0
1000	71 0	69 0	138 0	122 0	0 0	0 0	152 0	218 97	165 0	231 102	175 0	197 156	172 0	197 153	0 0	0 0
1100	76 0	64 0	108 0	79 0	0 0	0 0	212 0	269 146	219 0	264 167	212 0	242 172	206 0	236 167	0 0	0 0
1200	67 0	67 0	94 0	102 0	0 0	0 0	234 0	265 207	242 0	283 194	229 0	253 207	223 0	251 189	0 0	0 0
1300	99 0	104 0	108 0	121 0	0 0	0 0	239 0	275 218	244 0	265 217	245 0	256 235	238 0	255 223	0 0	0 0
1400	74 0	75 0	93 0	103 0	0 0	0 0	243 0	277 197	248 0	283 192	254 0	286 232	246 0	291 206	0 0	0 0
1500	69 0	72 0	83 0	93 0	0 0	0 0	237 0	279 204	242 0	283 198	249 0	274 223	241 0	268 203	0 0	0 0
1600	93 0	94 0	123 0	125 0	0 0	0 0	336 0	42 271	338 0	61 279	340 0	45 275	333 0	44 270	0 0	0 0
1700	116 0	111 0	201 0	205 0	0 0	0 0	0 0	95 308	2 0	80 286	4 0	38 340	356 0	56 324	0 0	0 0
1800	78 0	77 0	108 0	110 0	0 0	0 0	100 0	115 75	109 0	129 80	93 0	102 82	95 0	117 79	0 0	0 0
1900	52 0	52 0	119 0	99 0	0 0	0 0	167 0	257 93	174 0	262 105	182 0	196 138	179 0	205 135	0 0	0 0
2000	88 0	93 0	113 0	118 0	0 0	0 0	259 0	334 228	265 0	355 218	282 0	355 252	274 0	359 240	0 0	0 0
2100	67 0	74 0	95 0	102 0	0 0	0 0	40 0	76 16	44 0	83 12	46 0	69 26	38 0	67 11	0 0	0 0
2200	36 0	39 0	69 0	68 0	0 0	0 0	39 0	59 22	45 0	61 15	40 0	46 26	31 0	44 358	0 0	0 0
2300	42 0	43 0	54 0	56 0	0 0	0 0	114 0	122 102	126 0	129 105	87 0	92 73	82 0	91 76	0 0	0 0
2400	42 0	47 0	86 0	93 0	0 0	0 0	148 0	200 94	159 0	207 105	156 0	161 148	156 0	160 150	0 0	0 0

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	792 0	786 0	797 0	790 0	320 2	320 2	7 0	7 0	0 0	0 0	453 2	0 2	0 2	0 2	0 2	0 2	0 0
200	788 0	784 0	788 0	783 0	320 2	320 2	2 0	0 0	0 0	0 0	448 2	0 2	0 2	0 2	0 2	0 2	0 0
300	783 0	777 0	781 0	775 0	320 2	320 2	0 0	0 0	0 0	0 0	451 2	0 2	0 2	0 2	0 2	0 2	0 0
400	777 0	772 0	774 0	766 0	320 2	320 2	2 0	-2 0	0 0	0 0	450 2	0 2	0 2	0 2	0 2	0 2	0 0
500	772 0	764 0	770 0	765 0	320 2	320 2	0 0	0 0	0 0	0 0	442 2	0 2	0 2	0 2	0 2	0 2	0 0
600	736 0	730 0	732 0	727 0	320 2	320 2	0 0	2 0	0 0	0 0	394 2	0 2	0 2	0 2	0 2	0 2	0 0
700	702 0	693 0	711 0	696 0	320 2	320 2	4 0	4 0	0 0	0 0	468 2	0 2	0 2	0 2	0 2	0 2	0 0
800	709 0	703 0	747 0	739 0	320 2	320 2	38 0	38 0	0 0	0 0	455 2	0 2	0 2	0 2	0 2	0 2	0 0
900	736 0	732 0	730 0	725 0	320 2	320 2	-5 0	-7 0	0 0	0 0	478 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	763 0	754 0	743 0	734 0	320 2	320 2	-14 0	-14 0	0 0	0 0	493 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	817 0	810 0	792 0	783 0	320 2	320 2	-20 0	-20 0	0 0	0 0	520 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	833 0	828 0	817 0	811 0	320 2	320 2	-14 0	-14 0	0 0	0 0	532 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	842 0	838 0	829 0	836 0	320 2	320 2	-11 0	-9 0	0 0	0 0	532 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	826 0	820 0	819 0	813 0	320 2	320 2	-5 0	-5 0	0 0	0 0	518 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	849 0	846 0	833 0	828 0	320 2	320 2	-14 0	-14 0	0 0	0 0	529 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	802 0	799 0	784 0	779 0	320 2	320 2	-16 0	-18 0	0 0	0 0	509 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	693 0	687 0	684 0	678 0	320 2	320 2	-7 0	-7 0	0 0	0 0	441 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	694 0	685 0	702 0	689 0	320 2	320 2	5 0	4 0	0 0	0 0	446 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	693 0	687 0	691 0	685 0	320 2	320 2	0 0	0 0	0 0	0 0	444 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	696 0	693 0	705 0	694 0	320 2	320 2	4 0	2 0	0 0	0 0	448 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	705 0	698 0	703 0	698 0	320 2	320 2	2 0	2 0	0 0	0 0	448 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	691 0	684 0	696 0	689 0	320 2	320 2	7 0	7 0	0 0	0 0	442 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	685 0	680 0	694 0	689 0	320 2	320 2	11 0	11 0	0 0	0 0	441 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	683 0	680 0	698 0	693 0	320 2	320 2	14 0	14 0	0 0	0 0	442 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

	WIND SPD1 50 A S	WIND SPD2 50 E S	WIND SPD3 150A S	WIND SPD4 150S S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX 50 B S	WIND DIR2	MIN 150A S	MAX 150A S	WIND DIR3	MIN 150B S	MAX 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	41 0	43 0	95 0	88 0	0 0	0 0	177 0	237	125	185 0	260	104	175 0	194	164	173 0	191	165	0 0	0 0	0 0	0 0	0 0	
200	61 0	63 0	148 0	142 0	0 0	0 0	160 0	199	116	168 0	224	102	175 0	184	166	172 0	179	166	0 0	0 0	0 0	0 0	0 0	
300	43 0	44 0	96 0	92 0	0 0	0 0	130 0	167	83	144 0	215	104	168 0	182	156	168 0	183	148	0 0	0 0	0 0	0 0	0 0	
400	53 0	54 0	106 0	116 0	0 0	0 0	120 0	139	96	133 0	170	82	151 0	162	143	152 0	166	140	0 0	0 0	0 0	0 0	0 0	
500	102 0	103 0	158 0	162 0	0 0	0 0	39 0	134	299	43 0	150	283	57 0	160	339	62 0	166	318	0 0	0 0	0 0	0 0	0 0	
600	76 0	74 0	91 0	97 0	0 0	0 0	109 0	125	88	124 0	259	101	92 0	108	77	120 0	139	107	0 0	0 0	0 0	0 0	0 0	
700	75 0	76 0	135 0	149 0	0 0	0 0	132 0	171	90	148 0	258	104	152 0	177	139	154 0	173	143	0 0	0 0	0 0	0 0	0 0	
800	73 0	79 0	140 0	134 0	0 0	0 0	138 0	191	98	152 0	214	101	167 0	190	144	167 0	218	133	0 0	0 0	0 0	0 0	0 0	
900	76 0	80 0	143 0	139 0	0 0	0 0	142 0	186	91	152 0	237	103	167 0	181	148	167 0	179	151	0 0	0 0	0 0	0 0	0 0	
1000	69 0	74 0	123 0	115 0	0 0	0 0	135 0	178	21	156 0	251	102	172 0	207	134	172 0	234	149	0 0	0 0	0 0	0 0	0 0	
1100	52 0	47 0	111 0	83 0	0 0	0 0	163 0	266	104	170 0	250	102	184 0	210	156	183 0	208	159	0 0	0 0	0 0	0 0	0 0	
1200	47 0	47 0	106 0	78 0	0 0	0 0	167 0	263	101	179 0	269	104	187 0	208	151	184 0	216	148	0 0	0 0	0 0	0 0	0 0	
1300	71 0	61 0	129 0	88 0	0 0	0 0	196 0	261	134	206 0	262	127	200 0	223	147	196 0	224	151	0 0	0 0	0 0	0 0	0 0	
1400	62 0	62 0	100 0	110 0	0 0	0 0	229 0	259	164	233 0	266	150	238 0	254	219	232 0	257	204	0 0	0 0	0 0	0 0	0 0	
1500	68 0	71 0	78 0	87 0	0 0	0 0	238 0	265	209	246 0	308	196	246 0	270	219	241 0	277	215	0 0	0 0	0 0	0 0	0 0	
1600	130 0	129 0	169 0	182 0	0 0	0 0	266 0	317	228	270 0	333	234	282 0	309	242	274 0	315	230	0 0	0 0	0 0	0 0	0 0	
1700	117 0	116 0	187 0	203 0	0 0	0 0	289 0	312	263	293 0	349	257	305 0	313	299	297 0	305	290	0 0	0 0	0 0	0 0	0 0	
1800	138 0	135 0	199 0	215 0	0 0	0 0	285 0	311	236	292 0	353	260	304 0	313	293	295 0	302	288	0 0	0 0	0 0	0 0	0 0	
1900	108 0	109 0	149 0	155 0	0 0	0 0	306 0	339	283	308 0	348	263	324 0	334	315	314 0	333	302	0 0	0 0	0 0	0 0	0 0	
2000	86 0	89 0	122 0	124 0	0 0	0 0	310 0	347	265	314 0	354	263	328 0	339	319	318 0	336	302	0 0	0 0	0 0	0 0	0 0	
2100	66 0	70 0	104 0	106 0	0 0	0 0	322 0	6	278	325 0	358	262	338 0	359	312	331 0	12	303	0 0	0 0	0 0	0 0	0 0	
2200	53 0	52 0	84 0	86 0	0 0	0 0	313 0	354	220	327 0	56	283	336 0	9	303	328 0	7	292	0 0	0 0	0 0	0 0	0 0	
2300	85 0	87 0	123 0	125 0	0 0	0 0	316 0	347	271	319 0	354	262	331 0	344	320	322 0	353	296	0 0	0 0	0 0	0 0	0 0	
2400	111 0	114 0	171 0	176 0	0 0	0 0	330 0	16	294	331 0	15	282	340 0	356	328	334 0	353	313	0 0	0 0	0 0	0 0	0 0	

	AMB. TEM1 30 A S	AMB. TEM2 30 E 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	S RAIN	S
100	684 0	678 0	705 0	700 0	320 2	320 2	25 0	23 0	0 0	0 0	442 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	680 0	675 0	703 0	698 0	320 2	320 2	25 0	25 0	0 0	0 0	439 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	676 0	669 0	680 0	676 0	320 2	320 2	7 0	7 0	0 0	0 0	437 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	673 0	667 0	676 0	671 0	320 2	320 2	5 0	5 0	0 0	0 0	435 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	678 0	673 0	682 0	676 0	320 2	320 2	5 0	5 0	0 0	0 0	437 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	666 0	658 0	664 0	655 0	320 2	320 2	-4 0	-4 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	666 0	657 0	664 0	658 0	320 2	320 2	-2 0	2 0	0 0	0 0	399 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	680 0	675 0	664 0	675 0	320 2	320 2	-9 0	-9 0	0 0	0 0	405 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	698 0	693 0	687 0	680 0	320 2	320 2	-7 0	-9 0	0 0	0 0	415 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	725 0	720 0	712 0	705 0	320 2	320 2	-11 0	-11 0	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	721 0	716 0	730 0	714 0	320 2	320 2	2 0	2 0	0 0	0 0	421 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	711 0	703 0	703 0	703 0	320 2	320 2	2 0	-2 0	0 0	0 0	415 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	756 0	746 0	729 0	720 0	320 2	320 2	-22 0	-23 0	0 0	0 0	442 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	748 0	743 0	739 0	732 0	320 2	320 2	-7 0	-9 0	0 0	0 0	437 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	801 0	795 0	781 0	775 0	320 2	320 2	-18 0	-18 0	0 0	0 0	469 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	772 0	766 0	754 0	748 0	320 2	320 2	-16 0	-16 0	0 0	0 0	450 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	757 0	752 0	750 0	745 0	320 2	320 2	-5 0	-5 0	0 0	0 0	442 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	747 0	741 0	734 0	727 0	320 2	320 2	-11 0	-11 0	0 0	0 0	441 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	718 0	712 0	711 0	705 0	320 2	320 2	-5 0	-5 0	0 0	0 0	423 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	711 0	705 0	712 0	705 0	320 2	320 2	4 0	2 0	0 0	0 0	423 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	703 0	698 0	696 0	691 0	320 2	320 2	-4 0	-5 0	0 0	0 0	415 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	700 0	694 0	696 0	689 0	320 2	320 2	-4 0	-4 0	0 0	0 0	415 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	703 0	698 0	696 0	691 0	320 2	320 2	-5 0	-5 0	0 0	0 0	417 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	694 0	691 0	691 0	685 0	320 2	320 2	-2 0	-4 0	0 0	0 0	412 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	A	S	150A	S	150B	S		S	50	A	S		S	50	A	S		S	50	B	S		S	150A	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S				
100	134	0		137	0		202	0	204	0		0	0		0	0	332	0		6	290		335	0	38	283		343	0	11	326		337	0	7	315		0	0	0	0		0	0	0		0	0			
200	128	0		130	0		199	0	197	0		0	0		0	0	336	0		25	302		338	0	16	303		348	0	25	326		343	0	17	321		0	0	0	0		0	0	0		0	0			
300	116	0		116	0		179	0	174	0		0	0		0	0	343	0		54	307		346	0	58	281		353	0	21	332		348	0	43	318		0	0	0	0		0	0	0		0	0			
400	95	0		92	0		140	0	136	0		0	0		0	0	343	0		38	305		345	0	62	304		353	0	25	339		350	0	73	326		0	0	0	0		0	0	0		0	0			
500	109	0		105	0		164	0	162	0		0	0		0	0	342	0		29	308		344	0	57	284		350	0	18	326		345	0	15	311		0	0	0	0		0	0	0		0	0			
600	116	0		115	0		176	0	176	0		0	0		0	0	335	0		8	300		339	0	15	285		344	0	0	335		339	0	352	322		0	0	0	0		0	0	0		0	0			
700	72	0		74	0		103	0	99	0		0	0		0	0	21	0		55	342		22	0	61	333		23	0	40	351		12	0	38	337		0	0	0	0		0	0	0		0	0			
800	46	2		48	2		65	2	63	2		0	0		0	0	39	0		65	21		43	0	80	333		46	0	72	32		40	0	80	21		0	0	0	0		0	0	0		0	0			
900	54	0		60	0		72	0	77	0		0	0		0	0	40	0		69	9		46	0	84	342		43	0	69	24		36	0	55	9		0	0	0	0		0	0	0		0	0			
1000	111	0		108	0		150	0	144	0		0	0		0	0	23	0		47	352		28	0	84	331		32	0	49	14		24	0	49	2		0	0	0	0		0	0	0		0	0			
1100	107	0		111	0		153	0	140	0		0	0		0	0	27	0		63	355		28	0	82	342		33	0	51	22		23	0	60	358		0	0	0	0		0	0	0		0	0			
1200	99	0		96	0		144	0	145	0		0	0		0	0	14	0		54	314		20	0	80	327		16	0	33	347		5	0	38	331		0	0	0	0		0	0	0		0	0			
1300	115	0		114	0		161	0	156	0		0	0		0	0	16	0		41	348		19	0	79	330		22	0	45	357		12	0	55	338		0	0	0	0		0	0	0		0	0			
1400	104	0		109	0		146	0	124	0		0	0		0	0	18	0		75	333		20	0	103	297		24	0	53	353		13	0	51	326		0	0	0	0		0	0	0		0	0			
1500	99	0		99	0		142	0	132	0		0	0		0	0	10	0		45	323		16	0	84	308		17	0	35	346		3	0	45	325		0	0	0	0		0	0	0		0	0			
1600	46	2		48	2		65	2	63	2		0	0		0	0	39	2		65	21		43	2	80	333		46	2	72	32		40	2	80	21		0	0	0	0		0	0	0		0	0			
1700	107	0		108	0		165	0	164	0		0	0		0	0	18	0		63	337		21	0	81	311		17	0	40	352		6	0	44	333		0	0	0	0		0	0	0		0	0			
1800	124	0		119	0		204	0	202	0		0	0		0	0	9	0		48	321		11	0	102	328		10	0	46	343		359	0	30	311		0	0	0	0		0	0	0		0	0			
1900	92	0		94	0		158	0	155	0		0	0		0	0	16	0		56	302		15	0	84	286		14	0	46	341		6	0	45	334		0	0	0	0		0	0	0		0	0			
2000	117	0		115	0		164	0	160	0		0	0		0	0	18	0		60	349		22	0	59	350		22	0	38	0		11	0	32	332		0	0	0	0		0	0	0		0	0			
2100	73	0		80	0		95	0	110	0		0	0		0	0	71	0		109	27		79	0	129	38		76	0	93	55		71	0	114	46		0	0	0	0		0	0	0		0	0			
2200	56	0		63	0		75	0	91	0		0	0		0	0	59	0		115	35		65	0	105	16		67	0	80	48		62	0	75	37		0	0	0	0		0	0	0		0	0			
2300	85	0		95	0		107	0	128	0		0	0		0	0	48	0		75	22		53	0	84	16		53	0	69	28		48	0	72	17		0	0	0	0		0	0	0		0	0			
2400	97	0		107	0		116	0	133	0		0	0		0	0	43	0		74	14		50	0	97	12		53	0	70	40		46	0	77	22		0	0	0	0		0	0	0		0	0			

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		S				
	30	A	S	30	B	S	180A	S	180B	S	320	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	
100	687	0		682	0		680	0	675	0	320	2	320	2	-5	0	-5	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
200	680	0		673	0		673	0	667	0	320	2	320	2	-4	0	-4	0	0	0	0	0	406	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
300	678	0		673	0		669	0	664	0	320	2	320	2	-7	0	-7	0	0	0	0	0	406	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
400	682	0		675	0		673	0	667	0	320	2	320	2	-7	0	-7	0	0	0	0	0	408	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
500	678	0		673	0		671	0	666	0	320	2	320	2	-7	0	-7	0	0	0	0	0	406	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
600	682	0		676	0		675	0	669	0	320	2	320	2	-5	0	-7	0	0	0	0	0	408	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
700	685	0		680	0		678	0	673	0	320	2	320	2	-5	0	-7	0	0	0	0	0	406	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
800	687	2		680	2		673	2	667	2	320	2	320	2	-9	2	-11	2	0	0	0	0	397	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
900	682	0		678	0		669	0	664	0	320	2	320	2	-11	0	-13	0	0	0	0	0	412	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1000	687	0		680	0		673	0	666	0	320	2	320	2	-13	0	-14	0	0	0	0	0	417	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1100	678	0		675	0		667	0	660	0	320	2	320	2	-13	0	-13	0	0	0	0	0	405	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1200	666	0		662	0		653	0	648	0	320	2	320	2	-11	0	-13	0	0	0	0	0	406	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1300	653	0		651	0		639	0	633	0	320	2	320	2	-14	0	-14	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1400	682	0		680	0		671	0	660	0	320	2	320	2	-18	0	-20	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1500	671	0		667	0		658	0	649	0	320	2	320	2	-14	0	-16	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1600	660	2		653	2		648	2	639	2	320	2	320	2	-11	2	-11	2	0	0	0	0	397	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1700	662	0		656	0		646	0	640	0	320	2	320	2	-14	0	-14	0	0	0	0	0	408	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1800	640	0		635	0		631	0	626	0	320	2	320	2	-7	0	-7	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1900	637	0		633	0		637	0	628	0	320	2	320	2	-5	0	-5	0	0	0	0	0	378	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2000	639	0		633	0		631	0	626	0	320	2	320	2	-5	0	-5	0	0	0	0	0	392	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2100	612	0		606	0		610	0	603	0	320	2	320	2	-2	0	0	0	0	0	0	0	378	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2200	617	0		612	0		613	0	606	0	320	2	320	2	-4	0	-4	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2300	599	0		592	0		595	0	590	0	320	2	320	2	-2	0	2	0	0	0	0	0	374	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2400	579	0		574	0		574	0	568	0	320	2	320	2	-4	0	-4	0	0	0	0	0	363	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	80 0	88 0	114 0	136 0	0 0	0 0	54 0	84	21	59 0	105	16	61 0	89	46	58 0	101	28	0 0	0	0	0	0	0
200	94 0	102 0	118 0	137 0	0 0	0 0	72 0	106	38	80 0	107	39	73 0	88	56	71 0	88	47	0 0	0	0	0	0	0
300	91 0	94 0	119 0	127 0	0 0	0 0	79 0	109	61	88 0	124	60	82 0	92	73	80 0	98	61	0 0	0	0	0	0	0
400	63 0	77 0	102 0	120 0	0 0	0 0	54 0	80	33	60 0	102	15	59 0	77	51	56 0	77	37	0 0	0	0	0	0	0
500	61 0	75 0	101 0	122 0	0 0	0 0	54 0	75	37	60 0	104	16	57 0	67	50	54 0	75	40	0 0	0	0	0	0	0
600	53 0	66 0	95 0	115 0	0 0	0 0	54 0	71	32	60 0	102	35	57 0	67	48	54 0	67	39	0 0	0	0	0	0	0
700	56 0	63 0	91 0	111 0	0 0	0 0	66 0	98	39	73 0	122	36	68 0	86	57	64 0	88	44	0 0	0	0	0	0	0
800	70 0	75 0	93 0	101 0	0 0	0 0	78 0	112	58	85 0	125	57	81 0	95	62	77 0	106	56	0 0	0	0	0	0	0
900	74 0	80 0	88 0	96 0	0 0	0 0	75 0	105	41	84 0	152	35	81 0	102	62	79 0	111	52	0 0	0	0	0	0	0
1000	59 0	54 0	73 0	78 0	0 0	0 0	84 0	127	29	89 0	147	34	84 0	96	54	82 0	117	33	0 0	0	0	0	0	0
1100	58 0	63 0	76 0	83 0	0 0	0 0	30 0	85	291	36 0	107	305	46 0	91	323	40 0	101	330	0 0	0	0	0	0	0
1200	54 0	57 0	103 0	101 0	0 0	0 0	1 0	91	293	5 0	126	304	10 0	54	334	0 0	37	307	0 0	0	0	0	0	0
1300	66 0	67 0	110 0	110 0	0 0	0 0	1 0	76	283	4 0	77	285	9 0	47	327	358 0	46	310	0 0	0	0	0	0	0
1400	48 0	51 0	89 0	91 0	0 0	0 0	1 0	93	279	11 0	147	286	10 0	42	319	0 0	93	314	0 0	0	0	0	0	0
1500	70 0	73 0	106 0	104 0	0 0	0 0	21 0	95	342	23 0	105	286	16 0	41	345	5 0	51	327	0 0	0	0	0	0	0
1600	61 0	64 0	97 0	100 0	0 0	0 0	9 0	66	309	14 0	80	287	10 0	34	340	1 0	59	319	0 0	0	0	0	0	0
1700	91 0	91 0	118 0	114 0	0 0	0 0	17 0	51	348	20 0	83	331	22 0	36	357	11 0	37	347	0 0	0	0	0	0	0
1800	74 0	77 0	109 0	109 0	0 0	0 0	27 0	62	7	31 0	81	354	32 0	53	24	24 0	56	2	0 0	0	0	0	0	0
1900	70 0	74 0	109 0	108 0	0 0	0 0	30 0	51	15	35 0	80	13	37 0	49	25	30 0	52	16	0 0	0	0	0	0	0
2000	78 0	80 0	120 0	120 0	0 0	0 0	32 0	52	17	35 0	80	352	37 0	47	25	30 0	47	14	0 0	0	0	0	0	0
2100	83 0	86 0	129 0	116 0	0 0	0 0	32 0	47	9	33 0	61	340	39 0	61	28	30 0	45	5	0 0	0	0	0	0	0
2200	78 0	89 0	129 0	114 0	0 0	0 0	36 0	54	19	30 0	60	339	48 0	71	41	40 0	57	33	0 0	0	0	0	0	0
2300	69 0	80 0	105 0	122 0	0 0	0 0	51 0	67	32	55 0	103	319	58 0	75	44	53 0	80	37	0 0	0	0	0	0	0
2400	63 0	73 0	95 0	113 0	0 0	0 0	60 0	84	39	67 0	104	16	62 0	80	51	59 0	77	43	0 0	0	0	0	0	0

	AMB. TEM1		MIE. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A S	30	B S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100	563	0	558	0	558	0	552	0	320	2	320	2	-4	0	-4	0	0	0	0	0	358	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	549	0	541	0	545	0	540	0	320	2	320	2	2	0	0	0	0	0	0	0	351	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	536	0	529	0	532	0	527	0	320	2	320	2	2	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	516	0	509	0	523	0	518	0	320	2	320	2	9	0	11	0	0	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	502	0	495	0	509	0	504	0	320	2	320	2	9	0	11	0	0	0	0	0	329	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	487	0	480	0	504	0	496	0	320	2	320	2	16	0	18	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	502	0	495	0	502	0	495	0	320	2	320	2	2	0	4	0	0	0	0	0	333	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	541	0	536	0	525	0	518	0	320	2	320	2	-16	0	-18	0	0	0	0	0	360	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	579	0	576	0	554	0	550	0	320	2	320	2	-23	0	-25	0	0	0	0	0	385	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	608	0	604	0	583	0	577	0	320	2	320	2	-23	0	-25	0	0	0	0	0	405	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	633	0	633	0	608	0	601	0	320	2	320	2	-29	0	-32	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	619	0	615	0	585	0	581	0	320	2	320	2	-31	0	-32	0	0	0	0	0	403	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	626	0	622	0	590	0	585	0	320	2	320	2	-34	0	-36	0	0	0	0	0	388	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	640	0	639	0	597	0	594	0	320	2	320	2	-41	0	-45	0	0	0	0	0	410	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	624	0	621	0	595	0	590	0	320	2	320	2	-29	0	-31	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	628	0	624	0	599	0	594	0	320	2	320	2	-27	0	-29	0	0	0	0	0	390	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	619	0	615	0	603	0	597	0	320	2	320	2	-16	0	-16	0	0	0	0	0	387	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	603	0	597	0	595	0	590	0	320	2	320	2	-5	0	-7	0	0	0	0	0	376	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	586	0	581	0	588	0	583	0	320	2	320	2	4	0	4	0	0	0	0	0	367	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	585	0	577	0	590	0	585	0	320	2	320	2	7	0	9	0	0	0	0	0	363	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	588	0	585	0	606	0	592	0	320	2	320	2	9	0	9	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	585	0	583	0	628	0	608	0	320	2	320	2	20	0	22	0	0	0	0	0	296	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	558	0	550	0	563	0	556	0	320	2	320	2	4	0	4	0	0	0	0	0	340	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	522	0	514	0	529	0	523	0	320	2	320	2	9	0	11	0	0	0	0	0	340	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

STATUS CODE(S): 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	H S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S										
100	111	0	110	0	161	0	164	0	0	0	0	0	87	0	108	68	96	0	129	60	87	0	97	75	84	0	99	60	0	0	0	0	0	0
200	101	0	101	0	166	0	172	0	0	0	0	0	93	0	114	76	102	0	127	65	92	0	97	90	92	0	108	84	0	0	0	0	0	0
300	85	0	87	0	139	0	147	0	0	0	0	0	82	0	96	62	90	0	125	60	81	0	91	73	79	0	96	63	0	0	0	0	0	0
400	89	0	91	0	140	0	145	0	0	0	0	0	84	0	103	67	91	0	125	80	85	0	91	76	82	0	92	73	0	0	0	0	0	0
500	81	0	80	0	128	0	135	0	0	0	0	0	82	0	107	68	90	0	147	61	81	0	89	73	78	0	97	60	0	0	0	0	0	0
600	73	0	81	0	117	0	125	0	0	0	0	0	74	0	92	50	81	0	108	56	79	0	93	72	76	0	96	63	0	0	0	0	0	0
700	89	0	90	0	154	0	153	0	0	0	0	0	99	0	115	84	107	0	146	59	98	0	104	95	102	0	115	92	0	0	0	0	0	0
800	70	0	72	0	96	0	98	0	0	0	0	0	102	0	122	64	111	0	148	79	97	0	121	87	112	0	152	85	0	0	0	0	0	0
900	84	0	90	0	100	0	107	0	0	0	0	0	75	0	107	44	82	0	126	36	80	0	98	64	75	0	96	39	0	0	0	0	0	0
1000	85	0	93	0	109	0	97	0	0	0	0	0	84	0	121	29	90	0	149	15	86	0	112	56	86	0	138	55	0	0	0	0	0	0
1100	90	0	100	0	104	0	112	0	0	0	0	0	34	0	70	333	37	0	81	304	44	0	83	5	36	0	74	338	0	0	0	0	0	0
1200	89	0	95	0	127	0	125	0	0	0	0	0	17	0	56	325	20	0	79	328	24	0	46	358	11	0	40	336	0	0	0	0	0	0
1300	99	0	106	0	133	0	127	0	0	0	0	0	22	0	64	342	27	0	84	331	16	0	41	347	7	0	39	336	0	0	0	0	0	0
1400	97	0	104	0	128	0	126	0	0	0	0	0	17	0	54	326	21	0	62	316	18	0	41	337	6	0	46	315	0	0	0	0	0	0
1500	115	0	117	0	147	0	147	0	0	0	0	0	17	0	42	342	21	0	80	350	19	0	35	345	9	0	30	335	0	0	0	0	0	0
1600	101	0	103	0	150	0	151	0	0	0	0	0	20	0	58	338	21	0	81	327	24	0	44	0	14	0	46	349	0	0	0	0	0	0
1700	87	0	97	0	107	0	127	0	0	0	0	0	63	0	105	24	70	0	107	12	71	0	98	48	67	0	120	34	0	0	0	0	0	0
1800	77	0	89	0	111	0	123	0	0	0	0	0	59	0	86	25	55	0	105	300	69	0	99	52	65	0	91	31	0	0	0	0	0	0
1900	61	0	69	0	92	0	111	0	0	0	0	0	66	0	107	42	72	0	107	37	71	0	89	62	66	0	99	49	0	0	0	0	0	0
2000	77	0	82	0	131	0	154	0	0	0	0	0	72	0	94	57	81	0	125	37	74	0	77	69	70	0	82	60	0	0	0	0	0	0
2100	84	0	87	0	132	0	136	0	0	0	0	0	82	0	100	63	89	0	109	57	86	0	92	77	82	0	91	73	0	0	0	0	0	0
2200	78	0	82	0	132	0	138	0	0	0	0	0	88	0	97	75	98	0	125	81	95	0	98	93	94	0	99	88	0	0	0	0	0	0
2300	86	0	90	0	143	0	149	0	0	0	0	0	93	0	105	84	103	0	128	82	97	0	99	96	98	0	102	95	0	0	0	0	0	0
2400	81	0	82	0	144	0	153	0	0	0	0	0	97	0	111	82	105	0	128	80	100	0	102	97	103	0	110	98	0	0	0	0	0	0

	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	S RAIN S
100	505 0	498 0	505 0	500 0	320 2	320 2	4 0	5 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	493 0	487 0	504 0	498 0	320 2	320 2	11 0	13 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	482 0	477 0	491 0	486 0	320 2	320 2	9 0	11 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	469 0	464 0	480 0	475 0	320 2	320 2	13 0	14 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	453 0	445 0	459 0	455 0	320 2	320 2	7 0	9 0	0 0	0 0	305 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	444 0	437 0	455 0	446 0	320 2	320 2	9 0	13 0	0 0	0 0	314 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	450 0	442 0	459 0	451 0	320 2	320 2	11 0	11 0	0 0	0 0	306 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	511 0	509 0	507 0	496 0	320 2	320 2	-11 0	-11 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	554 0	550 0	527 0	522 0	320 2	320 2	-27 0	-29 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	581 0	583 0	574 0	554 0	320 2	320 2	-23 0	-23 0	0 0	0 0	310 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	592 0	590 0	568 0	563 0	320 2	320 2	-22 0	-25 0	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	572 0	570 0	552 0	545 0	320 2	320 2	-22 0	-22 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	576 0	576 0	556 0	549 0	320 2	320 2	-25 0	-27 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	581 0	579 0	558 0	552 0	320 2	320 2	-23 0	-25 0	0 0	0 0	374 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	583 0	579 0	563 0	558 0	320 2	320 2	-20 0	-22 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	590 0	585 0	568 0	563 0	320 2	320 2	-20 0	-20 0	0 0	0 0	370 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	615 0	612 0	590 0	585 0	320 2	320 2	-23 0	-25 0	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	594 0	590 0	588 0	577 0	320 2	320 2	-13 0	-14 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	545 0	536 0	552 0	547 0	320 2	320 2	9 0	11 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	523 0	516 0	547 0	540 0	320 2	320 2	25 0	27 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	511 0	505 0	520 0	514 0	320 2	320 2	11 0	11 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	487 0	480 0	507 0	502 0	320 2	320 2	22 0	23 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	477 0	469 0	493 0	487 0	320 2	320 2	18 0	20 0	0 0	0 0	315 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	462 0	455 0	477 0	473 0	320 2	320 2	16 0	18 0	0 0	0 0	308 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX 8	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	61 0	65 0	109 0	117 0	0 0	0 0	93 0	105	82	102 0	127	81	103 0	108	100	111 0	124	105	0 0	0 0	0 0	0 0	0 0	
200	64 0	63 0	116 0	121 0	0 0	0 0	78 0	92	67	84 0	105	59	97 0	103	95	100 0	111	95	0 0	0 0	0 0	0 0	0 0	
300	79 0	78 0	140 0	145 0	0 0	0 0	77 0	87	69	83 0	104	59	93 0	95	92	92 0	95	89	0 0	0 0	0 0	0 0	0 0	
400	69 0	72 0	133 0	133 0	0 0	0 0	74 0	89	53	83 0	126	58	89 0	90	89	85 0	86	84	0 0	0 0	0 0	0 0	0 0	
500	70 0	73 0	130 0	133 0	0 0	0 0	71 0	90	61	78 0	105	57	85 0	92	72	81 0	91	76	0 0	0 0	0 0	0 0	0 0	
600	88 0	89 0	157 0	158 0	0 0	0 0	83 0	101	69	93 0	126	62	90 0	93	89	87 0	90	82	0 0	0 0	0 0	0 0	0 0	
700	91 0	95 0	156 0	160 0	0 0	0 0	84 0	102	70	92 0	128	62	87 0	91	81	83 0	110	72	0 0	0 0	0 0	0 0	0 0	
800	101 0	105 0	144 0	140 0	0 0	0 0	86 0	107	65	95 0	131	61	90 0	99	78	88 0	107	74	0 0	0 0	0 0	0 0	0 0	
900	86 0	90 0	117 0	115 0	0 0	0 0	97 0	124	56	103 0	148	59	97 0	132	79	102 0	155	75	0 0	0 0	0 0	0 0	0 0	
1000	95 0	99 0	123 0	127 0	0 0	0 0	85 0	119	61	91 0	148	36	93 0	130	64	97 0	168	55	0 0	0 0	0 0	0 0	0 0	
1100	93 0	97 0	119 0	126 0	0 0	0 0	100 0	149	50	110 0	151	37	102 0	140	61	107 0	151	44	0 0	0 0	0 0	0 0	0 0	
1200	88 0	92 0	122 0	126 0	0 0	0 0	103 0	147	37	113 0	173	16	110 0	152	66	118 0	171	57	0 0	0 0	0 0	0 0	0 0	
1300	73 0	80 0	88 0	99 0	0 0	0 0	70 0	120	24	79 0	156	15	75 0	112	46	73 0	133	20	0 0	0 0	0 0	0 0	0 0	
1400	69 0	72 0	97 0	95 0	0 0	0 0	10 0	62	322	14 0	84	308	19 0	53	350	5 0	38	335	0 0	0 0	0 0	0 0	0 0	
1500	85 0	86 0	109 0	106 0	0 0	0 0	19 0	85	278	25 0	74	277	25 0	179	323	17 0	76	332	0 0	0 0	0 0	0 0	0 0	
1600	88 2	92 2	122 2	126 2	0 0	0 0	3 2	55	0	3 2	61	0	4 2	52	0	3 2	40	0	0 0	0 0	0 0	0 0	0 0	
1700	73 2	80 2	88 2	99 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	0 0	0 0	
1800	69 2	72 2	97 2	95 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	0 0	0 0	
1900	85 2	89 2	109 2	106 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	0 0	0 0	
2000	88 2	92 2	122 2	126 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	0 0	0 0	
2100	73 2	80 2	88 2	99 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	0 0	0 0	
2200	69 2	72 2	97 2	95 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	0 0	0 0	
2300	85 2	89 2	109 2	106 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	0 0	0 0	
2400	88 2	92 2	122 2	126 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	0 0	0 0	

	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	S RAIN S
100	448 0	439 0	468 0	460 0	320 2	320 2	18 0	22 0	0 0	0 0	301 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	439 0	430 0	471 0	464 0	320 2	320 2	32 0	34 0	0 0	0 0	305 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	432 0	424 0	471 0	466 0	320 2	320 2	40 0	41 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	419 0	410 0	466 0	462 0	320 2	320 2	49 0	52 0	0 0	0 0	290 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	410 0	403 0	466 0	450 0	320 2	320 2	54 0	56 0	0 0	0 0	290 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	412 0	405 0	444 0	439 0	320 2	320 2	34 0	36 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	417 0	411 0	433 0	428 0	320 2	320 2	18 0	18 0	0 0	0 0	285 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	464 0	450 0	451 0	444 0	320 2	320 2	-11 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	525 0	525 0	518 0	505 0	320 2	320 2	-16 0	-16 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	558 0	554 0	538 0	531 0	320 2	320 2	-20 0	-22 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	585 0	579 0	561 0	556 0	320 2	320 2	-22 0	-23 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	597 0	594 0	585 0	576 0	320 2	320 2	-16 0	-16 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	619 0	621 0	595 0	568 0	320 2	320 2	-25 0	-29 0	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	588 0	583 0	568 0	561 0	320 2	320 2	-20 0	-20 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	604 0	599 0	576 0	563 0	320 2	320 2	-23 0	-22 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	631 2	630 2	595 2	590 2	320 2	320 2	-34 2	-40 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6
	50 A S	50 B S	150A S	150B S	50 A S	50 B S		50 B S		150A S		150B S		150B S		150B S		150B S		150B S		150B S
100	73 2	80 2	88 2	99 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
200	69 2	72 2	97 2	95 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
300	85 2	88 2	109 2	106 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
400	88 2	92 2	122 2	120 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
500	73 2	80 2	88 2	99 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
600	69 2	72 2	97 2	95 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
700	85 2	88 2	109 2	106 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
800	88 2	92 2	122 2	120 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
900	73 2	80 2	88 2	99 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1000	69 2	72 2	97 2	95 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1100	85 2	88 2	109 2	106 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1200	88 2	92 2	122 2	120 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1300	73 2	80 2	88 2	99 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1400	69 2	72 2	97 2	95 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1500	85 2	88 2	109 2	106 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1600	88 2	92 2	122 2	120 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1700	73 2	80 2	88 2	99 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1800	69 2	72 2	97 2	95 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
1900	85 2	88 2	109 2	106 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
2000	88 2	92 2	122 2	120 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
2100	73 2	80 2	88 2	99 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
2200	69 2	72 2	97 2	95 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
2300	85 2	88 2	109 2	106 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0
2400	88 2	92 2	122 2	120 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0

	AMB.	AMB.	AMB.	AMB.	AMB.	AMB.	D.T.	D.T.	D.T.	D.T.	MISC	MISC	MISC	MISC	MISC	MISC	MISC	MISC	MISC	MISC	MISC
	TEM1	TEM2	TEM3	TEM4	TEM5	TEMP6	1	2	3	4	1	2	3	4	5	6	7	8	9	10	11
	30 A S	30 B S	180A S	180B S	5	5	180A S	180B S	5	5	5	5	5	5	5	5	5	5	5	5	5
100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	356 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	73 2	60 2	88 2	99 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	0	0
200	69 2	72 2	97 2	95 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	0	0
300	85 2	85 2	109 2	106 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	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	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	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	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	0	2
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	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	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	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	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	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	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	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	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	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	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	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	0	2
2000	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	0	2
2100	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	0	2
2200	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	0	2
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	0	2
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	0	2

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		S RAIN	
	30	A S	30	B S	180A	B	180B	S		S	S	180A	B	180B	S		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	0	0	0	361	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	0	0	0	369	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	315	2	315	2	315	2	315	2	320	2	320	2	-4	2	-4	2	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	0	2	0	2	0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	0	2	0	2	0	2	0	2	320	2	320	2	0	2	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

[illegible]

AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
30	A	S	30	B	S	180A	S	180B	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S
100	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	0	2	0	2	0	2	0	2	320	2	320	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	315	2	315	2	315	2	315	2	320	2	320	-4	2	-4	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

STATUS CODE(3) 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	0 2	0 2	0 2	0 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	0	0
200	0 2	0 2	0 2	0 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	0	0
300	0 2	0 2	0 2	0 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	0	0
400	0 2	0 2	0 2	0 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	0	0
500	0 2	0 2	0 2	0 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	0	0
600	0 2	0 2	0 2	0 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	0	0
700	0 2	0 2	0 2	0 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	0	0
800	0 2	0 2	0 2	0 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	0	0
900	0 2	0 2	0 2	0 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	0	0
1000	0 2	0 2	0 2	0 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	0	0
1100	0 2	0 2	0 2	0 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	0	0
1200	0 2	0 2	0 2	0 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	0	0
1300	0 2	0 2	0 2	0 2	0 0	0 0	32 2	179	271	0 2	0	0	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
1400	60 0	0 2	0 2	0 2	0 0	0 0	213 0	268	134	28 2	263	0	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
1500	69 0	59 0	0 2	0 2	0 0	0 0	196 0	258	92	161 2	232	94	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
1600	74 0	74 0	0 2	0 2	0 0	0 0	209 0	269	138	166 2	265	90	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
1700	68 0	65 0	0 2	0 2	0 0	0 0	202 0	268	113	168 2	266	95	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
1800	57 0	55 0	0 2	0 2	0 0	0 0	208 0	260	93	176 2	266	102	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
1900	56 0	56 0	0 2	0 2	0 0	0 0	181 0	230	113	146 2	219	94	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
2000	69 0	72 0	0 2	0 2	0 0	0 0	172 0	223	117	127 2	169	67	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
2100	70 0	72 0	0 2	0 2	0 0	0 0	172 0	222	126	128 2	175	56	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
2200	71 0	73 0	0 2	0 2	0 0	0 0	169 0	233	109	125 2	174	56	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
2300	66 0	67 0	0 2	0 2	0 0	0 0	184 0	248	101	154 2	253	92	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0
2400	75 0	73 0	0 2	0 2	0 0	0 0	193 0	264	103	157 2	242	92	0 2	0	0	0 2	0	0	0 0	0	0	0 0	0	0

	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	S RAIN S
100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	475 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	428 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	435 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	442 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	444 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	426 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	414 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	405 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	401 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	397 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	397 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	399 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6		
	50	A S	50	B S	150A	S	150B	S	S	S	50	A	S			50	B	S			150A	S			150B	S			S			S			
100	89	0	84	0	0	2	0	2	0	0	0	0	216	0	258	132	175	2	234	100	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
200	84	0	80	0	0	2	0	2	0	0	0	0	219	0	266	160	178	2	253	103	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
300	53	0	52	0	0	2	0	2	0	0	0	0	200	0	268	99	165	2	250	95	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
400	56	0	56	0	0	2	0	2	0	0	0	0	191	0	248	121	157	2	250	94	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
500	56	0	59	0	0	2	0	2	0	0	0	0	191	0	240	152	152	2	248	94	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
600	58	0	58	0	0	2	0	2	0	0	0	0	188	0	247	120	151	2	213	95	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
700	57	0	54	0	0	2	0	2	0	0	0	0	186	0	238	102	156	2	266	93	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
800	55	0	62	0	0	2	0	2	0	0	0	0	187	0	258	92	152	2	234	96	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
900	60	0	54	0	0	2	0	2	0	0	0	0	198	0	268	129	162	2	260	94	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
1000	69	0	68	0	0	2	0	2	0	0	0	0	211	0	267	124	178	2	266	107	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
1100	74	0	72	0	117	0	0	2	0	0	0	0	223	0	267	128	187	2	261	106	201	0	248	168	0	2	0	0	0	0	0	0	0	0	0
1200	78	0	70	0	114	0	0	2	0	0	0	0	232	0	333	184	188	2	253	132	195	0	225	122	0	2	0	0	0	0	0	0	0	0	0
1300	73	0	68	0	124	0	0	2	0	0	0	0	239	0	328	183	194	2	257	93	201	0	257	98	292	3	179	181	0	0	0	0	0	0	0
1400	81	0	76	0	96	0	83	0	0	0	0	0	255	0	284	202	215	2	269	143	225	0	248	155	226	0	253	191	0	0	0	0	0	0	0
1500	69	0	63	0	90	0	79	0	0	0	0	0	252	0	292	208	208	2	250	163	224	0	246	199	223	0	253	190	0	0	0	0	0	0	0
1600	53	0	51	0	66	0	58	0	0	0	0	0	250	0	319	197	204	2	253	113	218	0	261	187	217	0	266	110	0	0	0	0	0	0	0
1700	54	0	49	0	107	0	93	0	0	0	0	0	213	0	269	122	178	2	244	100	190	0	266	145	190	0	233	136	0	0	0	0	0	0	0
1800	44	0	43	0	99	0	86	0	0	0	0	0	202	0	261	126	164	2	264	90	186	0	219	163	184	0	227	152	0	0	0	0	0	0	0
1900	53	0	58	0	126	0	116	0	0	0	0	0	170	0	215	112	126	2	173	56	169	0	178	162	171	0	184	158	0	0	0	0	0	0	0
2000	57	0	60	0	138	0	124	0	0	0	0	0	172	0	249	130	127	2	179	58	170	0	178	160	173	0	191	149	0	0	0	0	0	0	0
2100	65	0	67	0	158	0	137	0	0	0	0	0	182	0	258	124	134	2	175	55	176	0	186	166	176	0	191	162	0	0	0	0	0	0	0
2200	67	0	65	0	166	0	144	0	0	0	0	0	198	0	246	107	163	2	234	93	186	0	198	172	186	0	232	152	0	0	0	0	0	0	0
2300	81	0	79	0	180	0	156	0	0	0	0	0	206	0	258	146	167	2	242	90	189	0	212	163	189	0	218	165	0	0	0	0	0	0	0
2400	76	0	70	0	162	0	136	0	0	0	0	0	210	0	249	106	173	2	261	99	192	0	209	164	191	0	217	165	0	0	0	0	0	0	0

	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	S RAIN S
100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	397 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	401 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	399 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	392 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	372 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	392 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	428 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	451 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	460 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	466 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	475 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	471 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	471 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	478 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	466 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	439 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	428 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	419 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	415 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	414 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	410 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 50 B S	MIN 50 B S	MAX 50 B S	WIND DIR2 150A S	MIN 150A S	MAX 150A S	WIND DIR3 150B S	MIN 150B S	MAX 150B S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S	MIN S	MAX S
100	75 0	70 0	149 0	127 0	0 0	0 0	214 0	259	141	176 2	242	93	196 0	215	173	196 0	228	178	0 0	0 0	0 0	0 0	0 0	0 0
200	71 0	67 0	151 0	127 0	0 0	0 0	210 0	255	139	172 2	262	105	199 0	219	181	199 0	233	164	0 0	0 0	0 0	0 0	0 0	0 0
300	59 0	59 0	140 0	116 0	0 0	0 0	208 0	264	129	172 2	251	107	199 0	239	184	198 0	246	177	0 0	0 0	0 0	0 0	0 0	0 0
400	76 0	69 0	153 0	133 0	0 0	0 0	223 0	257	175	179 2	221	111	209 0	223	196	210 0	232	191	0 0	0 0	0 0	0 0	0 0	0 0
500	54 0	53 0	135 0	113 0	0 0	0 0	206 0	243	158	165 2	239	105	203 0	209	192	201 0	214	182	0 0	0 0	0 0	0 0	0 0	0 0
600	47 0	46 0	135 0	113 0	0 0	0 0	189 0	229	147	148 2	210	90	190 0	212	183	188 0	199	178	0 0	0 0	0 0	0 0	0 0	0 0
700	45 0	50 0	124 0	109 0	0 0	0 0	177 0	223	99	145 2	235	96	179 0	194	164	180 0	200	160	0 0	0 0	0 0	0 0	0 0	0 0
800	53 0	58 0	137 0	119 0	0 0	0 0	182 0	237	121	155 2	253	94	180 0	221	156	183 0	233	152	0 0	0 0	0 0	0 0	0 0	0 0
900	61 0	58 0	133 0	117 0	0 0	0 0	188 0	246	98	156 2	248	92	184 0	202	155	185 0	212	150	0 0	0 0	0 0	0 0	0 0	0 0
1000	66 0	59 0	123 0	108 0	0 0	0 0	215 0	264	160	175 2	259	108	192 0	220	159	192 0	222	143	0 0	0 0	0 0	0 0	0 0	0 0
1100	82 0	76 0	134 0	116 0	0 0	0 0	230 0	301	181	189 2	263	117	197 0	233	152	197 0	242	155	0 0	0 0	0 0	0 0	0 0	0 0
1200	87 0	81 0	125 0	105 0	0 0	0 0	234 0	331	181	195 2	255	119	201 0	250	156	204 0	244	160	0 0	0 0	0 0	0 0	0 0	0 0
1300	61 2	56 2	133 2	117 2	0 0	0 0	350 0	12	272	325 2	30	180	54 0	237	0	60 0	261	0	0 0	0 0	0 0	0 0	0 0	0 0
1400	66 2	59 2	123 2	108 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	0 0	0 0	0 0
1500	76 0	70 0	155 0	134 0	0 0	0 0	235 0	350	181	233 0	328	180	194 0	232	155	195 0	269	163	0 0	0 0	0 0	0 0	0 0	0 0
1600	65 0	58 0	101 0	90 0	0 0	0 0	224 0	268	126	215 0	267	98	199 0	236	157	200 0	257	134	0 0	0 0	0 0	0 0	0 0	0 0
1700	59 0	53 0	112 0	98 0	0 0	0 0	215 0	268	114	203 0	259	96	192 0	227	150	192 0	229	158	0 0	0 0	0 0	0 0	0 0	0 0
1800	47 0	45 0	109 0	94 0	0 0	0 0	202 0	251	95	195 0	259	124	187 0	205	165	189 0	218	163	0 0	0 0	0 0	0 0	0 0	0 0
1900	46 0	48 0	131 0	116 0	0 0	0 0	184 0	245	125	177 0	240	91	180 0	188	171	181 0	195	173	0 0	0 0	0 0	0 0	0 0	0 0
2000	51 0	50 0	159 0	138 0	0 0	0 0	187 0	255	133	182 0	259	115	181 0	188	173	182 0	199	166	0 0	0 0	0 0	0 0	0 0	0 0
2100	69 0	67 0	173 0	153 0	0 0	0 0	183 0	260	97	179 0	230	99	179 0	191	164	181 0	214	163	0 0	0 0	0 0	0 0	0 0	0 0
2200	66 0	63 0	167 0	151 0	0 0	0 0	182 0	248	102	176 0	247	101	180 0	189	169	181 0	197	165	0 0	0 0	0 0	0 0	0 0	0 0
2300	63 0	61 0	177 0	155 0	0 0	0 0	184 0	256	115	173 0	259	102	183 0	194	172	183 0	195	161	0 0	0 0	0 0	0 0	0 0	0 0
2400	76 0	74 0	177 0	159 0	0 0	0 0	183 0	240	136	176 0	240	110	179 0	193	164	180 0	197	152	0 0	0 0	0 0	0 0	0 0	0 0

	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	S RAIN S
100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	406 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	401 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	390 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	374 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	374 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	396 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	448 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	462 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	462 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	693 2	714 2	703 2	693 2	320 2	320 2	-18 2	-16 2	0 0	0 0	466 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	315 2	315 2	315 2	315 2	320 2	320 2	-4 2	-4 2	0 0	0 0	484 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	844 0	840 0	808 0	810 0	320 2	320 2	-34 0	-29 0	0 0	0 0	478 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	847 0	844 0	815 0	819 0	320 2	320 2	-29 0	-23 0	0 0	0 0	478 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	835 0	833 0	808 0	810 0	320 2	320 2	-27 0	-20 0	0 0	0 0	477 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	806 0	802 0	792 0	793 0	320 2	320 2	-13 0	-5 0	0 0	0 0	460 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	759 0	756 0	770 0	772 0	320 2	320 2	13 0	18 0	0 0	0 0	435 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	734 0	730 0	752 0	754 0	320 2	320 2	18 0	25 0	0 0	0 0	423 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	718 0	714 0	730 0	734 0	320 2	320 2	16 0	22 0	0 0	0 0	415 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	703 0	702 0	712 0	714 0	320 2	320 2	9 0	16 0	0 0	0 0	410 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	687 0	685 0	698 0	702 0	320 2	320 2	11 0	18 0	0 0	0 0	403 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	675 0	673 0	682 0	685 0	320 2	320 2	7 0	14 0	0 0	0 0	399 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	B	S	150A	S	150B	S		S	50	A	S		S	50	A	S		50	B	S		S	150A	S		S	150B	S		S	150B	S		S		S	150B	S		S		S					
100	91	0		87	0		201	0	179	0		0	0	0	0		0	0	186	0	252	122	179	0	255	92	181	0	196	168	180	0	214	153		0	0	0	0	0	0	0	0	0	0	0	0				
200	81	0		76	0		166	0	143	0		0	0	0	0		0	0	208	0	257	130	203	0	256	132	192	0	206	174	192	0	217	165		0	0	0	0	0	0	0	0	0	0	0	0				
300	75	0		71	0		145	0	125	0		0	0	0	0		0	0	219	0	266	173	212	0	267	132	205	0	222	185	204	0	235	181		0	0	0	0	0	0	0	0	0	0	0	0	0			
400	60	0		57	0		128	0	114	0		0	0	0	0		0	0	213	0	258	151	207	0	260	95	205	0	225	191	206	0	235	180		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
500	74	0		61	0		143	0	127	0		0	0	0	0		0	0	227	0	256	193	220	0	257	170	215	0	233	198	214	0	235	190		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
600	63	0		62	0		132	0	116	0		0	0	0	0		0	0	212	0	241	177	207	0	256	162	211	0	224	188	210	0	235	186		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
700	58	0		57	0		152	0	128	0		0	0	0	0		0	0	202	0	259	118	195	0	250	97	197	0	206	185	196	0	214	181		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
800	56	0		51	0		131	0	113	0		0	0	0	0		0	0	199	0	253	112	188	0	250	102	191	0	208	176	191	0	216	167		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
900	72	0		74	0		127	0	108	0		0	0	0	0		0	0	222	0	286	188	220	0	327	180	201	0	223	183	201	0	246	178		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	91	0		82			146	0	123	0		0	0	0	0		0	0	241	0	298	196	278	3	4	180	215	0	248	187	245	0	359	180		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1100	96	0		43	2		146	0	128	0		0	0	0	0		0	0	242	0	316	183	235	0	304	180	216	0	243	186	216	0	249	174		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1200	101	0		89	0		148	0	127	0		0	0	0	0		0	0	245	0	320	206	237	0	298	193	225	0	248	206	225	0	264	196		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	89	0		83	0		118	0	104	0		0	0	0	0		0	0	250	0	318	195	239	0	297	195	225	0	268	199	222	0	249	94		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1400	85	0		76	0		115	0	101	0		0	0	0	0		0	0	250	0	302	205	241	0	288	215	225	0	268	179	224	0	256	183		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	79	0		73	0		110	0	95	0		0	0	0	0		0	0	250	0	311	194	243	0	295	197	226	0	263	192	226	0	263	202		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	70	0		65	0		109	0	100	0		0	0	0	0		0	0	252	0	290	214	244	0	293	210	239	0	265	216	238	0	256	224		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	27	0		31	0		63	0	60	0		0	0	0	0		0	0	337	3	37	284	324	0	15	270	330	0	347	307	325	0	344	302		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	145	0		145	0		214	0	208	0		0	0	0	0		0	0	31	0	76	316	21	0	59	317	2	0	33	326	0	0	18	326		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	108	0		108	0		161	0	151	0		0	0	0	0		0	0	36	0	81	341	27	0	58	342	12	0	34	346	11	0	29	350		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	145	0		148	0		202	0	192	0		0	0	0	0		0	0	40	0	84	359	34	0	89	1	15	0	45	344	16	0	44	350		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	120	0		123	0		168	0	161	0		0	0	0	0		0	0	42	0	83	8	32	0	61	358	18	0	47	355	18	0	39	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2200	101	0		102	0		147	0	141	0		0	0	0	0		0	0	38	0	99	351	29	0	59	354	20	0	55	351	20	0	51	358		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2300	122	0		124	0		168	0	160	0		0	0	0	0		0	0	39	0	79	350	28	0	55	352	13	0	40	346	12	0	37	345		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	102	0		106	0		149	0	141	0		0	0	0	0		0	0	42	0	102	6	34	0	80	354	21	0	59	353	21	0	43	5		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	30	B	180A	B	180B	S	S	S	180A	B	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	669	0	667	0	675	0	678	0	320	2	320	2	7	0	14	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	669	0	667	0	675	0	678	0	320	2	320	2	7	0	13	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	667	0	664	0	669	0	673	0	320	2	320	2	5	0	11	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	651	0	646	0	658	0	660	0	320	2	320	2	7	0	14	0	0	0	0	0	388	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	644	0	640	0	658	0	662	0	320	2	320	2	14	0	22	0	0	0	0	0	383	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	640	0	637	0	657	0	660	0	320	2	320	2	16	0	23	0	0	0	0	0	385	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	619	0	617	0	644	0	648	0	320	2	320	2	25	0	31	0	0	0	0	0	376	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	653	0	649	0	648	0	651	0	320	2	320	2	-4	0	4	0	0	0	0	0	399	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	709	0	705	0	687	0	694	0	320	2	320	2	-16	0	-9	0	0	0	0	0	426	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	743	0	739	0	720	0	723	0	320	2	320	2	-20	0	-14	0	0	0	0	0	446	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	757	0	756	0	734	0	736	0	320	2	320	2	-22	0	-16	0	0	0	0	0	450	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	770	0	772	0	738	0	747	0	320	2	320	2	-23	0	-18	0	0	0	0	0	460	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	799	0	785	0	770	0	772	0	320	2	320	2	-27	0	-22	0	0	0	0	0	468	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	815	0	811	0	784	0	786	0	320	2	320	2	-29	0	-23	0	0	0	0	0	478	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	819	0	815	0	792	0	795	0	320	2	320	2	-22	0	-18	0	0	0	0	0	475	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	802	0	797	0	788	0	792	0	320	2	320	2	-9	0	-4	0	0	0	0	0	466	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	761	0	757	0	750	0	754	0	320	2	320	2	-7	0	-2	0	0	0	0	0	441	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	694	0	691	0	669	0	673	0	320	2	320	2	-23	0	-16	0	0	0	0	0	417	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	658	0	655	0	646	0	649	0	320	2	320	2	-11	0	-5	0	0	0	0	0	392	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	651	0	648	0	639	0	639	0	320	2	320	2	-13	0	-5	0	0	0	0	0	396	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	640	0	637	0	630	0	630	0	320	2	320	2	-11	0	-5	0	0	0	0	0	385	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	631	0	626	0	619	0	622	0	320	2	320	2	-11	0	-5	0	0	0	0	0	383	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	628	0	622	0	617	0	617	0	320	2	320	2	-11	0	-5	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	621	0	615	0	606	0	612	0	320	2	320	2	-11	0	-5	0	0	0	0	0	378	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6		
	50	A S	50	B S	150A	S	150B	S	S	50	A	S	50	B	S	150A	S	S	150A	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S		
100	127	0	130	0	165	0	158	0	0	0	0	0	41	0	82	12	32	0	64	356	20	0	49	335	20	0	46	356	0	0	0	0	0	0	
200	85	0	82	0	124	0	119	0	0	0	0	0	50	0	101	23	41	0	84	359	27	0	60	353	29	0	54	0	0	0	0	0	0	0	
300	111	0	110	0	159	0	150	0	0	0	0	0	34	0	80	356	25	0	51	346	7	0	29	333	6	0	23	344	0	0	0	0	0	0	0
400	81	0	85	0	109	0	108	0	0	0	0	0	51	0	88	13	43	0	68	13	33	0	76	3	35	0	69	9	0	0	0	0	0	0	0
500	85	0	91	0	125	0	127	0	0	0	0	0	81	0	152	12	74	0	132	32	61	0	90	31	64	0	85	43	0	0	0	0	0	0	0
600	95	0	101	0	131	0	127	0	0	0	0	0	85	0	120	52	82	0	114	53	66	0	87	46	69	0	86	51	0	0	0	0	0	0	0
700	87	0	89	0	121	0	115	0	0	0	0	0	96	0	133	67	89	0	126	53	75	0	99	58	77	0	98	66	0	0	0	0	0	0	0
800	66	0	70	0	97	0	93	0	0	0	0	0	100	0	132	64	91	0	120	59	77	0	117	50	81	0	102	57	0	0	0	0	0	0	0
900	56	0	60	0	79	0	78	0	0	0	0	0	96	0	145	47	94	0	155	50	79	0	109	52	82	0	120	55	0	0	0	0	0	0	0
1000	62	0	61	0	83	0	80	0	0	0	0	0	102	0	139	63	96	0	127	59	83	0	130	32	86	0	118	46	0	0	0	0	0	0	0
1100	29	0	35	0	43	0	46	0	0	0	0	0	62	3	115	19	55	0	105	5	39	0	70	8	40	0	78	2	0	0	0	0	0	0	0
1200	65	0	64	0	92	0	87	0	0	0	0	0	117	0	143	89	113	0	148	71	101	0	121	78	104	0	130	79	0	0	0	0	0	0	0
1300	88	0	82	0	118	0	116	0	0	0	0	0	109	0	141	73	103	0	161	35	95	0	123	73	98	0	129	63	0	0	0	0	0	0	0
1400	72	0	74	0	100	0	96	0	0	0	0	0	114	0	152	76	111	0	176	28	106	0	140	80	107	0	148	73	0	0	0	0	0	0	0
1500	81	0	81	0	106	0	104	0	0	0	0	0	101	0	131	67	94	0	152	51	90	0	129	67	95	0	147	55	0	0	0	0	0	0	0
1600	84	0	81	0	117	0	111	0	0	0	0	0	114	0	141	88	108	0	137	61	94	0	111	64	98	0	119	58	0	0	0	0	0	0	0
1700	88	0	89	0	117	0	110	0	0	0	0	0	105	0	139	79	99	0	133	55	89	0	109	67	91	0	127	67	0	0	0	0	0	0	0
1800	90	0	85	0	132	0	125	0	0	0	0	0	109	0	136	89	102	0	136	49	93	0	106	82	97	0	113	79	0	0	0	0	0	0	0
1900	89	0	86	0	132	0	123	0	0	0	0	0	113	0	135	96	106	0	140	69	92	0	108	83	95	0	119	77	0	0	0	0	0	0	0
2000	92	0	69	0	135	0	126	0	0	0	0	0	115	0	132	97	107	0	148	69	97	0	108	86	100	0	117	79	0	0	0	0	0	0	0
2100	116	0	111	0	148	0	147	0	0	0	0	0	129	0	140	116	130	0	180	105	117	0	124	110	121	0	136	109	0	0	0	0	0	0	0
2200	110	0	113	0	144	0	145	0	0	0	0	0	126	0	139	109	124	0	162	90	118	0	128	104	122	0	135	107	0	0	0	0	0	0	0
2300	97	0	102	0	146	0	145	0	0	0	0	0	134	0	174	117	131	0	153	112	127	0	137	119	131	0	145	119	0	0	0	0	0	0	0
2400	51	0	52	0	125	0	121	0	0	0	0	0	167	0	268	106	164	0	243	96	168	0	192	148	169	0	202	152	0	0	0	0	0	0	0

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	S RAIN S
100	606 0	601 0	592 0	595 0	320 2	320 2	-13 0	-7 0	0 0	0 0	372 2	0 2	0 2	0 2	0 2	0 2	0 0
200	595 0	592 0	585 0	588 0	320 2	320 2	-11 0	-5 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 0
300	603 0	597 0	588 0	592 0	320 2	320 2	-11 0	-5 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 0
400	585 0	579 0	572 0	574 0	320 2	320 2	-11 0	-5 0	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 0
500	577 0	574 0	567 0	570 0	320 2	320 2	-9 0	-4 0	0 0	0 0	358 2	0 2	0 2	0 2	0 2	0 2	0 0
600	574 0	570 0	563 0	565 0	320 2	320 2	-11 0	-5 0	0 0	0 0	356 2	0 2	0 2	0 2	0 2	0 2	0 0
700	577 0	574 0	567 0	570 0	320 2	320 2	-11 0	-5 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 0
800	581 0	577 0	568 0	570 0	320 2	320 2	-13 0	-7 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 0
900	604 0	601 0	604 0	595 0	320 2	320 2	-18 0	-11 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	619 0	613 0	599 0	603 0	320 2	320 2	-18 0	-11 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	626 0	621 0	610 0	613 0	320 2	320 2	-14 0	-9 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	633 0	628 0	619 0	621 0	320 2	320 2	-14 0	-7 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	642 0	637 0	621 0	624 0	320 2	320 2	-20 0	-13 0	0 0	0 0	396 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	651 0	646 0	628 0	630 0	320 2	320 2	-22 0	-14 0	0 0	0 0	401 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	653 0	648 0	628 0	631 0	320 2	320 2	-23 0	-16 0	0 0	0 0	401 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	635 0	631 0	619 0	622 0	320 2	320 2	-14 0	-7 0	0 0	0 0	388 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	630 0	626 0	615 0	617 0	320 2	320 2	-14 0	-7 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	626 0	622 0	615 0	617 0	320 2	320 2	-11 0	-5 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	617 0	613 0	606 0	610 0	320 2	320 2	-9 0	-2 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	613 0	608 0	606 0	606 0	320 2	320 2	-9 0	-2 0	0 0	0 0	374 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	624 0	621 0	624 0	617 0	320 2	320 2	-5 0	0 0	0 0	0 0	387 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	630 0	626 0	622 0	624 0	320 2	320 2	-7 0	0 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	622 0	619 0	615 0	617 0	320 2	320 2	-7 0	0 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	626 0	621 0	622 0	626 0	320 2	320 2	2 0	5 0	0 0	0 0	379 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.

[illegible][illegible]

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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S			50	B S	150A	S	S			150B	S	S	S	S	S	S	S	S	S		
100	28	0	22	0	44	0	38	0	0 0	0 0	0 0	231	0	268	136	221	0	265	143	235	0	249	193	228	0	254	180	0 0	0 0	0 0	0 0	0 0	0 0	
200	51	0	51	0	79	0	76	0	0 0	0 0	0 0	116	0	135	98	110	0	131	90	110	0	116	105	114	0	120	106	0 0	0 0	0 0	0 0	0 0	0 0	
300	84	0	82	0	126	0	122	0	0 0	0 0	0 0	124	0	135	110	121	0	135	96	115	0	123	110	120	0	129	106	0 0	0 0	0 0	0 0	0 0	0 0	
400	93	0	102	0	166	0	165	0	0 0	0 0	0 0	137	0	149	117	134	0	157	118	125	0	128	120	130	0	136	123	0 0	0 0	0 0	0 0	0 0	0 0	
500	89	0	93	0	179	0	177	0	0 0	0 0	0 0	137	0	155	119	133	0	167	87	137	0	145	129	142	0	191	132	0 0	0 0	0 0	0 0	0 0	0 0	
600	91	0	92	0	199	0	197	0	0 0	0 0	0 0	146	0	177	116	142	0	218	93	149	0	157	142	152	0	168	142	0 0	0 0	0 0	0 0	0 0	0 0	
700	87	0	98	0	194	0	193	0	0 0	0 0	0 0	152	0	194	113	148	0	207	94	156	0	167	145	159	0	177	140	0 0	0 0	0 0	0 0	0 0	0 0	
800	94	0	97	0	186	0	184	0	0 0	0 0	0 0	153	0	211	118	149	0	208	100	155	0	169	141	159	0	192	141	0 0	0 0	0 0	0 0	0 0	0 0	
900	103	0	107	0	196	0	197	0	0 0	0 0	0 0	161	0	221	90	159	0	240	90	158	0	171	144	161	0	208	131	0 0	0 0	0 0	0 0	0 0	0 0	
1000	83	0	87	0	175	0	176	0	0 0	0 0	0 0	158	0	237	100	160	0	251	109	157	0	176	133	160	0	181	132	0 0	0 0	0 0	0 0	0 0	0 0	
1100	117	0	121	0	217	0	213	0	0 0	0 0	0 0	171	0	264	94	167	0	238	98	166	0	193	142	169	0	215	135	0 0	0 0	0 0	0 0	0 0	0 0	
1200	142	0	148	0	297	0	293	0	0 0	0 0	0 0	171	0	226	94	174	0	267	93	166	0	201	134	169	0	234	133	0 0	0 0	0 0	0 0	0 0	0 0	
1300	139	0	141	0	272	0	257	0	0 0	0 0	0 0	156	0	233	125	149	0	213	92	153	0	183	138	157	0	184	134	0 0	0 0	0 0	0 0	0 0	0 0	
1400	107	0	107	0	215	0	205	0	0 0	0 0	0 0	174	0	251	100	175	0	264	95	174	0	211	152	178	0	269	134	0 0	0 0	0 0	0 0	0 0	0 0	
1500	79	0	74	0	181	0	151	0	0 0	0 0	0 0	205	0	256	122	195	0	269	90	186	0	211	150	187	0	242	133	0 0	0 0	0 0	0 0	0 0	0 0	
1600	87	0	84	0	168	0	150	0	0 0	0 0	0 0	199	0	258	112	188	0	258	90	181	0	212	157	183	0	219	142	0 0	0 0	0 0	0 0	0 0	0 0	
1700	147	0	125	0	230	0	195	0	0 0	0 0	0 0	248	0	276	211	240	0	312	191	226	0	243	204	227	0	262	190	0 0	0 0	0 0	0 0	0 0	0 0	
1800	299	0	295	0	446	0	439	0	0 0	0 0	0 0	272	0	293	247	267	0	359	227	258	0	282	250	256	0	308	242	0 0	0 0	0 0	0 0	0 0	0 0	
1900	268	0	278	0	385	0	386	0	0 0	0 0	0 0	273	0	292	248	261	0	292	232	259	0	289	248	256	0	315	236	0 0	0 0	0 0	0 0	0 0	0 0	
2000	300	0	308	0	378	0	387	0	0 0	0 0	0 0	278	0	303	255	268	0	343	193	266	0	284	258	263	0	306	240	0 0	0 0	0 0	0 0	0 0	0 0	
2100	314	0	362	0	403	0	416	0	0 0	0 0	0 0	279	0	306	256	282	0	356	247	272	0	303	256	272	0	326	246	0 0	0 0	0 0	0 0	0 0	0 0	
2200	290	0	302	0	355	0	351	0	0 0	0 0	0 0	275	0	296	257	264	0	297	242	261	0	278	245	259	0	275	242	0 0	0 0	0 0	0 0	0 0	0 0	
2300	268	0	266	0	334	0	333	0	0 0	0 0	0 0	278	0	309	251	266	0	302	241	268	0	288	254	266	0	301	240	0 0	0 0	0 0	0 0	0 0	0 0	
2400	245	0	239	0	321	0	322	0	0 0	0 0	0 0	278	0	299	257	268	0	301	217	268	0	294	254	265	0	293	241	0 0	0 0	0 0	0 0	0 0	0 0	

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	30	A	S	30	B	S	180A	S	180B	S	320	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320

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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 150A		MAX S		WIND DIR3		MIN 150B		MAX S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6									
	50	A S	B	S	50	A S	B	S	150A	S	150B	S	50	A S	B	S	50	A S	150A	S	50	A S	B	S	150A	S	50	A S	B	S	150A	S	50	A S	B	S	150A	S	50	A S	B	S	150A	S	50	A S	B	S				
100	227	0			235	0			294	0			292	0			0	0	0	0	280	0			312	247	269	0			338	231	271	0			299	254	268	0			309	234	0	0	0	0	0	0	0	0
200	209	0			217	0			268	0			265	0			0	0	0	0	288	0			317	260	277	0			332	228	279	0			312	255	276	0			301	244	0	0	0	0	0	0	0	0
300	196	0			194	0			251	0			249	0			0	0	0	0	283	0			317	248	272	0			314	239	278	0			300	246	275	0			302	224	0	0	0	0	0	0	0	0
400	174	0			179	0			217	0			221	0			0	0	0	0	284	0			317	248	272	0			334	231	274	0			296	251	272	0			301	231	0	0	0	0	0	0	0	0
500	164	0			164	0			212	0			208	0			0	0	0	0	282	0			324	253	271	0			325	208	274	0			300	254	272	0			314	223	0	0	0	0	0	0	0	0
600	151	0			148	0			193	0			196	0			0	0	0	0	282	0			316	252	270	0			322	224	272	0			308	248	270	0			307	243	0	0	0	0	0	0	0	0
700	167	0			175	0			216	0			226	0			0	0	0	0	279	0			312	255	267	0			339	232	269	0			315	249	269	0			348	241	0	0	0	0	0	0	0	0
800	132	0			133	0			167	0			168	0			0	0	0	0	280	0			321	247	269	0			342	226	270	0			296	237	269	0			339	230	0	0	0	0	0	0	0	0
900	140	0			141	0			188	0			189	0			0	0	0	0	287	0			325	250	277	0			342	228	278	0			302	248	277	0			311	230	0	0	0	0	0	0	0	0
1000	139	0			145	0			169	0			171	0			0	0	0	0	277	0			317	246	263	0			304	229	264	0			319	237	262	0			337	233	0	0	0	0	0	0	0	0
1100	110	0			102	0			140	0			132	0			0	0	0	0	257	0			288	219	248	0			293	205	243	0			275	222	241	0			263	212	0	0	0	0	0	0	0	0
1200	131	0			124	0			184	0			172	0			0	0	0	0	264	0			303	224	253	0			330	218	250	0			298	231	247	0			302	224	0	0	0	0	0	0	0	0
1300	126	0			125	0			185	0			180	0			0	0	0	0	268	0			298	233	260	0			359	217	253	0			284	235	251	0			311	215	0	0	0	0	0	0	0	0
1400	110	0			107	0			163	0			153	0			0	0	0	0	262	0			298	212	253	0			349	202	248	0			265	228	247	0			295	219	0	0	0	0	0	0	0	0
1500	141	0			124	0			191	0			173	0			0	0	0	0	256	0			284	221	245	0			285	196	237	0			263	210	235	0			262	212	0	0	0	0	0	0	0	0
1600	140	0			124	0			201	0			198	0			0	0	0	0	255	0			288	226	244	0			309	197	244	0			264	231	242	0			267	228	0	0	0	0	0	0	0	0
1700	151	0			134	0			213	0			195	0			0	0	0	0	256	0			288	220	246	0			284	196	240	0			260	221	239	0			282	215	0	0	0	0	0	0	0	0
1800	143	0			130	0			205	0			184	0			0	0	0	0	255	0			282	224	244	0			348	203	238	0			269	214	236	0			287	199	0	0	0	0	0	0	0	0
1900	144	0			123	0			215	0			192	0			0	0	0	0	258	0			287	219	246	0			285	209	245	0			286	228	242	0			304	222	0	0	0	0	0	0	0	0
2000	96	0			84	0			154	0			134	0			0	0	0	0	236	0			266	202	229	0			345	192	220	0			233	199	220	0			259	195	0	0	0	0	0	0	0	0
2100	73	0			65	0			125	0			113	0			0	0	0	0	233	0			268	189	228	0			317	184	221	0			252	200	221	0			268	195	0	0	0	0	0	0	0	0
2200	109	0			110	0			158	0			156	0			0	0	0	0	308	0			344	262	298	0			341	252	300	0			323	261	296	0			318	266	0	0	0	0	0	0	0	0
2300	99	0			103	0			147	0			144	0			0	0	0	0	335	0			33	284	323	0			25	274	322	0			343	293	318	0			356	284	0	0	0	0	0	0	0	0
2400	39	0			45	0			73	0			71	0			0	0	0	0	25	0			72	342	12	0			56	314	351	0			26	330	348	0			29	327	0	0	0	0	0	0	0	0

	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	514 0	507 0	509 0	320 2	320 2	-13 0	-5 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
200	509 0	505 0	498 0	500 0	320 2	320 2	-11 0	-4 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
300	500 0	496 0	489 0	493 0	320 2	320 2	-9 0	-4 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
400	495 0	491 0	486 0	487 0	320 2	320 2	-9 0	-4 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
500	493 0	489 0	482 0	485 0	320 2	320 2	-9 0	-4 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
600	487 0	482 0	477 0	478 0	320 2	320 2	-9 0	-4 0	0 0	0 0	317 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
700	491 0	495 0	504 0	478 0	320 2	320 2	-9 0	2 0	0 0	0 0	312 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
800	489 0	487 0	484 0	478 0	320 2	320 2	-11 0	-5 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
900	502 0	498 0	487 0	489 0	320 2	320 2	-14 0	-7 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1000	514 0	511 0	505 0	487 0	320 2	320 2	-20 0	-14 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1100	523 0	520 0	498 0	500 0	320 2	320 2	-23 0	-20 0	0 0	0 0	354 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1200	538 0	532 0	518 0	507 0	320 2	320 2	-25 0	-20 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1300	554 0	550 0	536 0	520 0	320 2	320 2	-27 0	-23 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1400	565 0	563 0	538 0	536 0	320 2	320 2	-29 0	-25 0	0 0	0 0	365 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1500	574 0	570 0	550 0	554 0	320 2	320 2	-22 0	-16 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1600	581 0	577 0	561 0	565 0	320 2	320 2	-20 0	-14 0	0 0	0 0	365 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1700	586 0	583 0	568 0	570 0	320 2	320 2	-16 0	-11 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1800	585 0	579 0	576 0	574 0	320 2	320 2	-11 0	-4 0	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1900	586 0	577 0	583 0	576 0	320 2	320 2	-5 0	2 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2000	561 0	558 0	561 0	559 0	320 2	320 2	-2 0	5 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2100	541 0	538 0	547 0	541 0	320 2	320 2	4 0	9 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2200	561 0	552 0	559 0	563 0	320 2	320 2	2 0	5 0	0 0	0 0	347 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2300	550 0	545 0	543 0	547 0	320 2	320 2	-5 0	2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2400	520 0	516 0	523 0	525 0	320 2	320 2	5 0	11 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	17 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

	WIND SPD1	WIND SPD2	WIND SPD3	WIND SPD4	WIND SPD5	WIND SPD6	WIND DIR1	MIN	MAX	WIND DIR2	MIN	MAX	WIND DIR3	MIN	MAX	WIND DIR4	MIN	MAX	WIND DIR5	MIN	MAX	WIND DIR6	MIN	MAX
	50 A S	50 B S	150A S	150B S				50	50		150A S	150B S												
100	35 0	39 0	51 0	50 0	0 0	0 0	91 0	120	57	88 0	119	52	34 0	62	3	35 0	68	357	0 0	0 0	0 0	0 0	0 0	
200	55 0	56 0	69 0	65 0	0 0	0 0	120 0	124	115	118 0	125	104	77 0	83	72	81 0	85	74	0 0	0 0	0 0	0 0	0 0	
300	67 0	67 0	98 0	93 0	0 0	0 0	121 0	132	114	118 0	136	105	82 0	85	77	85 0	88	79	0 0	0 0	0 0	0 0	0 0	
400	74 0	74 0	125 0	118 0	0 0	0 0	138 0	147	126	134 0	145	124	105 0	106	102	108 0	111	105	0 0	0 0	0 0	0 0	0 0	
500	77 0	74 0	161 0	154 0	0 0	0 0	124 0	135	113	122 0	136	103	111 0	118	108	113 0	116	108	0 0	0 0	0 0	0 0	0 0	
600	92 0	97 0	153 0	149 0	0 0	0 0	130 0	138	125	128 0	145	111	119 0	123	116	123 0	128	119	0 0	0 0	0 0	0 0	0 0	
700	116 0	114 0	165 0	162 0	0 0	0 0	126 0	140	113	128 0	95	95	113 0	132	104	117 0	153	101	0 0	0 0	0 0	0 0	0 0	
800	120 0	120 0	163 0	158 0	0 0	0 0	125 0	136	109	137 0	131	91	114 0	130	105	118 0	147	105	0 0	0 0	0 0	0 0	0 0	
900	105 0	106 0	134 0	135 0	0 0	0 0	127 0	144	108	137 0	133	80	119 0	141	100	123 0	155	105	0 0	0 0	0 0	0 0	0 0	
1000	102 0	113 0	141 0	145 0	0 0	0 0	131 0	154	116	131 0	235	93	123 0	147	111	128 0	178	112	0 0	0 0	0 0	0 0	0 0	
1100	62 0	72 0	108 0	106 0	0 0	0 0	144 0	176	349	135 0	174	80	141 0	157	124	145 0	167	126	0 0	0 0	0 0	0 0	0 0	
1200	66 0	74 0	122 0	124 0	0 0	0 0	156 0	220	111	152 0	244	101	149 0	163	133	152 0	194	120	0 0	0 0	0 0	0 0	0 0	
1300	64 0	73 0	125 0	123 0	0 0	0 0	157 0	244	93	152 0	267	90	150 0	178	122	153 0	202	114	0 0	0 0	0 0	0 0	0 0	
1400	95 0	100 0	146 0	149 0	0 0	0 0	138 0	181	118	132 0	173	89	129 0	154	114	132 0	166	108	0 0	0 0	0 0	0 0	0 0	
1500	79 0	90 0	143 0	139 0	0 0	0 0	131 0	168	58	126 0	159	48	131 0	158	97	134 0	167	95	0 0	0 0	0 0	0 0	0 0	
1600	85 0	87 0	134 0	127 0	0 0	0 0	97 0	121	74	91 0	179	50	76 0	93	61	80 0	109	53	0 0	0 0	0 0	0 0	0 0	
1700	110 0	107 0	145 0	139 0	0 0	0 0	109 0	134	75	103 0	166	67	90 0	113	68	93 0	142	67	0 0	0 0	0 0	0 0	0 0	
1800	88 0	90 0	133 0	125 0	0 0	0 0	91 0	111	64	83 0	109	49	70 0	82	60	73 0	91	60	0 0	0 0	0 0	0 0	0 0	
1900	103 0	110 0	164 0	155 0	0 0	0 0	88 0	106	70	79 0	114	29	66 0	79	59	68 0	80	56	0 0	0 0	0 0	0 0	0 0	
2000	82 0	88 0	128 0	125 0	0 0	0 0	84 0	102	69	80 0	117	55	63 0	74	52	65 0	83	50	0 0	0 0	0 0	0 0	0 0	
2100	101 0	101 0	169 0	159 0	0 0	0 0	92 0	127	73	87 0	123	45	70 0	86	60	73 0	95	54	0 0	0 0	0 0	0 0	0 0	
2200	105 0	109 0	165 0	157 0	0 0	0 0	98 0	119	74	92 0	130	67	77 0	91	63	80 0	100	61	0 0	0 0	0 0	0 0	0 0	
2300	102 0	101 0	153 0	144 0	0 0	0 0	105 0	127	85	97 0	129	69	83 0	98	70	86 0	116	67	0 0	0 0	0 0	0 0	0 0	
2400	72 0	75 0	121 0	114 0	0 0	0 0	92 0	114	69	84 0	112	56	69 0	79	59	72 0	85	58	0 0	0 0	0 0	0 0	0 0	

	AMB. TEM1	AMB. TEM2	AMB. TEM3	AMB. TEM4	AMB. TEM5	AMB. TEMP6	D.T. 1	D.T. 2	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	S RAIN
	30 A S	30 B S	180A S	180B S	30 A S	30 B S	180A S	180B S	30 A S	30 B S	180A S	180B S	30 A S	30 B S	180A S	180B S	30 A S	30 B S
100	491 0	487 0	507 0	511 0	320 2	320 2	16 0	23 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
200	482 0	478 0	507 0	509 0	320 2	320 2	25 0	31 0	0 0	0 0	314 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
300	457 0	453 0	504 0	505 0	320 2	320 2	47 0	52 0	0 0	0 0	303 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
400	455 0	450 0	493 0	496 0	320 2	320 2	40 0	45 0	0 0	0 0	303 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
500	439 0	435 0	487 0	491 0	320 2	320 2	49 0	54 0	0 0	0 0	297 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
600	446 0	442 0	468 0	469 0	320 2	320 2	22 0	27 0	0 0	0 0	299 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
700	468 0	466 0	466 0	466 0	320 2	320 2	-2 0	4 0	0 0	0 0	301 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
800	475 0	477 0	473 0	468 0	320 2	320 2	-9 0	-2 0	0 0	0 0	292 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
900	482 0	482 0	478 0	473 0	320 2	320 2	-13 0	-5 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	18 0
1000	505 0	507 0	502 0	493 0	320 2	320 2	-13 0	-7 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	17 6
1100	527 0	527 0	511 0	514 0	320 2	320 2	-14 0	-9 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1200	545 0	541 0	532 0	527 0	320 2	320 2	-16 0	-11 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1300	581 0	577 0	559 0	552 0	320 2	320 2	-23 0	-18 0	0 0	0 0	354 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1400	576 0	572 0	563 0	559 0	320 2	320 2	-14 0	-9 0	0 0	0 0	358 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1500	576 0	574 0	570 0	563 0	320 2	320 2	-9 0	-2 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1600	579 0	576 0	568 0	565 0	320 2	320 2	-13 0	-7 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1700	590 0	589 0	576 0	574 0	320 2	320 2	-16 0	-11 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1800	565 0	559 0	556 0	558 0	320 2	320 2	-9 0	-2 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
1900	547 0	541 0	541 0	545 0	320 2	320 2	-4 0	2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2000	529 0	525 0	523 0	527 0	320 2	320 2	-4 0	2 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2100	527 0	523 0	522 0	525 0	320 2	320 2	-5 0	2 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2200	529 0	525 0	523 0	525 0	320 2	320 2	-5 0	0 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2300	529 0	525 0	525 0	527 0	320 2	320 2	-4 0	4 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2400	513 0	509 0	516 0	518 0	320 2	320 2	4 0	11 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	18 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	89 0	92 0	153 0	145 0	0 0	0 0	91 0	123	67	85 0	118	43	66 0	75	56	68 0	81	56	0 0	0 0	0 0	0 0	0 0	0 0
200	58 0	60 0	91 0	87 0	0 0	0 0	94 0	150	65	86 0	124	25	68 0	81	47	49 0	87	50	0 0	0 0	0 0	0 0	0 0	0 0
300	56 0	57 0	95 0	88 0	0 0	0 0	95 0	124	72	91 0	142	66	67 0	74	55	49 0	79	61	0 0	0 0	0 0	0 0	0 0	0 0
400	21 0	25 0	34 0	37 0	0 0	0 0	7 3	62	308	357 3	57	303	23 0	53	300	24 0	58	327	0 0	0 0	0 0	0 0	0 0	0 0
500	22 0	25 0	23 0	22 0	0 0	0 0	32 3	55	351	23 3	47	331	351 3	22	310	348 3	22	301	0 0	0 0	0 0	0 0	0 0	0 0
600	53 0	56 0	70 0	74 0	0 0	0 0	289 0	331	257	277 0	325	242	275 0	314	247	274 0	301	242	0 0	0 0	0 0	0 0	0 0	0 0
700	79 0	83 0	106 0	110 0	0 0	0 0	278 0	319	251	268 0	311	241	262 0	279	237	260 0	283	227	0 0	0 0	0 0	0 0	0 0	0 0
800	102 0	106 0	127 0	133 0	0 0	0 0	276 0	312	252	265 0	310	214	262 0	291	244	260 0	309	223	0 0	0 0	0 0	0 0	0 0	0 0
900	93 0	93 0	121 0	119 0	0 0	0 0	277 0	316	240	265 0	315	225	269 0	308	244	266 0	313	231	0 0	0 0	0 0	0 0	0 0	0 0
1000	130 0	133 0	179 0	174 0	0 0	0 0	314 0	340	292	306 0	11	273	302 0	315	296	299 0	325	287	0 0	0 0	0 0	0 0	0 0	0 0
1100	128 0	131 0	170 0	171 0	0 0	0 0	315 0	340	285	309 0	21	271	305 0	325	296	302 0	331	293	0 0	0 0	0 0	0 0	0 0	0 0
1200	127 0	130 0	177 0	170 0	0 0	0 0	320 0	20	288	307 0	6	272	308 0	322	297	304 0	333	292	0 0	0 0	0 0	0 0	0 0	0 0
1300	125 0	126 0	192 0	194 0	0 0	0 0	305 0	332	269	294 0	355	249	296 0	333	289	292 0	338	283	0 0	0 0	0 0	0 0	0 0	0 0
1400	118 0	116 0	152 0	152 0	0 0	0 0	295 0	328	242	284 0	338	234	284 0	311	253	281 0	314	233	0 0	0 0	0 0	0 0	0 0	0 0
1500	124 0	124 0	164 0	168 0	0 0	0 0	281 0	338	245	269 0	350	229	274 0	303	253	271 0	331	238	0 0	0 0	0 0	0 0	0 0	0 0
1600	92 0	91 0	135 0	131 0	0 0	0 0	322 0	357	264	309 0	354	242	314 0	329	294	310 0	348	283	0 0	0 0	0 0	0 0	0 0	0 0
1700	93 0	99 0	124 0	121 0	0 0	0 0	315 0	343	289	305 0	338	259	306 0	321	286	303 0	321	277	0 0	0 0	0 0	0 0	0 0	0 0
1800	75 0	70 0	110 0	107 0	0 0	0 0	348 0	30	306	337 0	29	281	334 0	5	307	330 0	20	302	0 0	0 0	0 0	0 0	0 0	0 0
1900	49 0	52 0	83 0	84 0	0 0	0 0	356 0	51	319	345 0	49	302	337 0	4	319	334 0	9	300	0 0	0 0	0 0	0 0	0 0	0 0
2000	41 0	47 0	70 0	71 0	0 0	0 0	343 0	24	285	333 0	74	281	326 0	347	304	323 0	352	287	0 0	0 0	0 0	0 0	0 0	0 0
2100	45 0	50 0	65 0	67 0	0 0	0 0	63 0	107	20	56 0	112	18	48 0	73	15	52 0	77	11	0 0	0 0	0 0	0 0	0 0	0 0
2200	49 0	54 0	57 0	55 0	0 0	0 0	139 0	149	131	135 0	147	128	106 0	111	91	110 0	116	96	0 0	0 0	0 0	0 0	0 0	0 0
2300	36 0	39 0	59 0	57 0	0 0	0 0	116 0	144	87	110 0	140	76	103 0	121	88	106 0	125	91	0 0	0 0	0 0	0 0	0 0	0 0
2400	36 0	40 0	45 0	43 0	0 0	0 0	145 0	164	128	141 0	164	125	122 0	133	106	127 0	142	113	0 0	0 0	0 0	0 0	0 0	0 0

	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	495 0	489 0	493 0	496 0	320 2	320 2	0 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
200	498 0	495 0	495 0	498 0	320 2	320 2	-2 0	4 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
300	496 0	491 0	495 0	496 0	320 2	320 2	2 0	4 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
400	491 0	487 0	487 0	491 0	320 2	320 2	-2 0	4 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
500	491 0	487 0	487 0	491 0	320 2	320 2	2 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
600	513 0	509 0	513 0	516 0	320 2	320 2	2 0	7 0	0 0	0 0	329 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
700	531 0	525 0	527 0	531 0	320 2	320 2	-2 0	5 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
800	547 0	541 0	538 0	540 0	320 2	320 2	-9 0	-4 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
900	563 0	559 0	547 0	549 0	320 2	320 2	-16 0	-11 0	0 0	0 0	361 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1000	559 0	554 0	547 0	547 0	320 2	320 2	-14 0	-9 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1100	559 0	559 0	563 0	550 0	320 2	320 2	-16 0	-11 0	0 0	0 0	314 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1200	561 0	558 0	545 0	545 0	320 2	320 2	-20 0	-13 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1300	554 0	549 0	534 0	534 0	320 2	320 2	-20 0	-14 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1400	563 0	559 0	534 0	538 0	320 2	320 2	-25 0	-22 0	0 0	0 0	367 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1500	558 0	556 0	545 0	536 0	320 2	320 2	-18 0	-13 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1600	579 0	576 0	545 0	549 0	320 2	320 2	-32 0	-29 0	0 0	0 0	365 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1700	568 0	565 0	547 0	530 0	320 2	320 2	-20 0	-13 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1800	558 0	554 0	549 0	552 0	320 2	320 2	-7 0	2 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1900	554 0	549 0	549 0	552 0	320 2	320 2	-4 0	4 0	0 0	0 0	347 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
2000	554 0	552 0	558 0	554 0	320 2	320 2	0 0	5 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
2100	559 0	556 0	550 0	552 0	320 2	320 2	-9 0	-2 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
2200	527 0	523 0	529 0	532 0	320 2	320 2	4 0	9 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
2300	505 0	502 0	527 0	529 0	320 2	320 2	22 0	29 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2400	520 0	516 0	513 0	516 0	320 2	320 2	-5 0	0 0	0 0	0 0	331 2	0 2	0 2	0 2	0 2	0 2	0 2	29 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6			
	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	150B	S	50	A S	150B	S	50	A S	150B	S	50	A S	150B	S
100	48	0	52	0	54	0	56	0	0	0	0	0	281	0	305	257	269	0	310	243	274	0	293	257	272	0	289	248	0	0	0	0	0	0	0	
200	0	4	7	0	14	0	15	0	0	0	0	0	73	3	179	2	329	3	163	207	293	0	345	222	291	0	359	227	0	0	0	0	0	0	0	
300	42	0	43	0	59	0	57	0	0	0	0	0	118	0	131	101	112	0	135	89	102	0	108	95	106	0	114	99	0	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	0	
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	0	
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	0	
700	0	2	0	2	0	2	0	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	0	
800	18	0	19	0	34	0	32	0	0	0	0	0	214	0	269	97	215	3	269	91	190	0	235	147	194	0	242	158	0	0	0	0	0	0	0	
900	50	0	54	0	59	0	59	0	0	0	0	0	270	0	306	219	260	0	303	229	249	0	268	225	248	0	285	224	0	0	0	0	0	0	0	
1000	0	2	0	2	0	2	0	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	0	
1100	63	0	70	0	67	0	71	0	0	0	0	0	279	0	315	234	269	0	312	229	255	0	291	221	256	0	351	215	0	0	0	0	0	0	0	
1200	62	0	61	0	75	0	74	0	0	0	0	0	271	0	325	236	259	0	349	205	270	0	304	238	271	0	334	227	0	0	0	0	0	0	0	
1300	88	0	89	0	114	0	121	0	0	0	0	0	307	0	343	278	297	0	357	260	290	0	305	262	288	0	305	262	0	0	0	0	0	0	0	
1400	71	0	71	0	102	0	103	0	0	0	0	0	310	0	354	275	294	0	348	243	295	0	307	282	292	0	309	280	0	0	0	0	0	0	0	
1500	53	0	53	0	75	0	76	0	0	0	0	0	310	0	3	277	297	0	358	219	298	0	316	284	294	0	319	278	0	0	0	0	0	0	0	
1600	51	0	54	0	65	0	68	0	0	0	0	0	308	0	350	261	292	0	355	235	293	0	308	266	289	0	315	264	0	0	0	0	0	0	0	
1700	38	0	40	0	44	0	44	0	0	0	0	0	272	0	299	245	261	0	301	231	258	0	281	232	255	0	283	227	0	0	0	0	0	0	0	
1800	24	0	24	0	34	0	31	0	0	0	0	0	243	0	269	216	232	0	263	186	230	0	253	209	229	0	250	208	0	0	0	0	0	0	0	
1900	42	0	45	0	55	0	47	0	0	0	0	0	170	0	193	149	165	0	180	146	173	0	185	154	174	0	190	156	0	0	0	0	0	0	0	
2000	46	0	46	0	92	0	94	0	0	0	0	0	172	0	214	138	166	0	219	113	170	0	173	166	172	0	175	167	0	0	0	0	0	0	0	
2100	46	0	53	0	126	0	128	0	0	0	0	0	177	0	224	140	172	0	242	111	172	0	175	169	174	0	178	170	0	0	0	0	0	0	0	
2200	48	0	54	0	148	0	128	0	0	0	0	0	174	0	204	144	172	0	221	116	185	0	189	181	185	0	202	175	0	0	0	0	0	0	0	
2300	54	0	56	0	169	0	151	0	0	0	0	0	180	0	219	143	174	0	228	118	188	0	191	184	187	0	194	178	0	0	0	0	0	0	0	
2400	63	0	65	0	196	0	173	0	0	0	0	0	188	0	245	113	182	0	245	116	188	0	192	183	186	0	199	174	0	0	0	0	0	0	0	

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S			
	30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	522	0	518	0	522	0	525	0	320	2	320	2	0	0	7	0	0	0	0	0	0	0	331	2	0	2	0	2	0	2	0	2	0	2	0	2	30	0
200	514	0	509	0	514	0	518	0	320	2	320	2	2	0	9	0	0	0	0	0	0	0	329	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
300	496	0	493	0	516	0	520	0	320	2	320	2	20	0	27	0	0	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
400	0	2	0	2	0	2	0	2	320	2	320	2	0	2	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	320	2	320	2	0	2	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	320	2	320	2	0	2	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	475	0	471	0	498	0	502	0	320	2	320	2	25	0	31	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
800	511	0	507	0	514	0	518	0	320	2	320	2	4	0	11	0	0	0	0	0	0	0	338	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
900	549	0	547	0	541	0	541	0	320	2	320	2	-13	0	-9	0	0	0	0	0	0	0	365	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1000	320	2	320	2	320	2	320	2	320	2	320	2	0	2	0	2	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1100	574	0	572	0	572	0	568	0	320	2	320	2	-14	0	-11	0	0	0	0	0	0	0	369	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1200	581	0	579	0	572	0	570	0	320	2	320	2	-20	0	-14	0	0	0	0	0	0	0	369	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1300	599	0	599	0	577	0	568	0	320	2	320	2	-41	0	-38	0	0	0	0	0	0	0	351	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1400	592	0	588	0	545	0	547	0	320	2	320	2	-47	0	-41	0	0	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1500	599	0	597	0	552	0	554	0	320	2	320	2	-47	0	-43	0	0	0	0	0	0	0	379	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1600	595	0	594	0	563	0	561	0	320	2	320	2	-34	0	-31	0	0	0	0	0	0	0	369	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1700	583	0	575	0	567	0	568	0	320	2	320	2	-14	0	-11	0	0	0	0	0	0	0	370	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1800	570	0	567	0	561	0	563	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	0	361	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1900	545	0	540	0	552	0	556	0	320	2	320	2	9	0	14	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2000	523	0	520	0	558	0	561	0	320	2	320	2	34	0	41	0	0	0	0	0	0	0	334	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2100	518	0	513	0	559	0	563	0	320	2	320	2	43	0	50	0	0	0	0	0	0	0	331	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2200	502	0	500	0	559	0	561	0	320	2	320	2	56	0	61	0	0	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2300	495	0	491	0	563	0	567	0	320	2	320	2	68	0	74	0	0	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2400	498	0	495	0	550	0	552	0	320	2	320	2	52	0	58	0	0	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	31	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
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	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30 A	S	30 B	S	180A	S	180B	S	S	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	484	0	480	0	514	0	518	0	320	2	320	2	31	0	38	0	0	0	0	0	317	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
200	484	0	478	0	531	0	532	0	320	2	320	2	49	0	54	0	0	0	0	0	314	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
300	473	0	468	0	516	0	518	0	320	2	320	2	45	0	50	0	0	0	0	0	310	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
400	459	0	455	0	498	0	500	0	320	2	320	2	40	0	45	0	0	0	0	0	305	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
500	453	0	450	0	487	0	489	0	320	2	320	2	34	0	40	0	0	0	0	0	303	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
600	451	0	448	0	478	0	482	0	320	2	320	2	29	0	34	0	0	0	0	0	301	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
700	462	0	457	0	475	0	478	0	320	2	320	2	14	0	22	0	0	0	0	0	306	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
800	505	0	502	0	496	0	496	0	320	2	320	2	-11	0	-4	0	0	0	0	0	336	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
900	550	0	547	0	531	0	534	0	320	2	320	2	-18	0	-13	0	0	0	0	0	370	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1000	608	0	604	0	579	0	593	0	320	2	320	2	-29	0	-22	0	0	0	0	0	397	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1100	660	0	658	0	622	0	621	0	320	2	320	2	-40	0	-34	0	0	0	0	0	417	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1200	684	0	682	0	657	0	658	0	320	2	320	2	-29	0	-23	0	0	0	0	0	424	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1300	720	0	716	0	689	0	689	0	320	2	320	2	-31	0	-27	0	0	0	0	0	424	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1400	712	0	711	0	685	0	687	0	320	2	320	2	-27	0	-22	0	0	0	0	0	433	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1500	696	0	693	0	689	0	689	0	320	2	320	2	-5	0	0	0	0	0	0	0	421	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1600	718	0	716	0	700	0	702	0	320	2	320	2	-18	0	-14	0	0	0	0	0	426	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1700	716	0	712	0	709	0	711	0	320	2	320	2	-7	0	-2	0	0	0	0	0	423	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1800	698	0	694	0	700	0	702	0	320	2	320	2	4	0	9	0	0	0	0	0	415	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1900	662	0	657	0	678	0	680	0	320	2	320	2	18	0	25	0	0	0	0	0	394	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2000	631	0	628	0	657	0	660	0	320	2	320	2	25	0	32	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2100	613	0	608	0	628	0	630	0	320	2	320	2	16	0	23	0	0	0	0	0	372	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2200	601	0	595	0	619	0	619	0	320	2	320	2	16	0	23	0	0	0	0	0	363	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2300	581	0	577	0	595	0	597	0	320	2	320	2	14	0	22	0	0	0	0	0	360	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2400	576	0	572	0	592	0	592	0	320	2	320	2	16	0	22	0	0	0	0	0	352	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S	S	
100	65	0	64	0	182	0	134	0	0 0	0 0	205	0	249	145	196	0	241	94	193	0	202	181	193	0	208	177	0 0	0 0	0 0	0 0	0 0	0 0		
200	55	0	56	0	155	0	135	0	0 0	0 0	200	0	259	97	193	0	259	107	188	0	213	175	189	0	233	166	0 0	0 0	0 0	0 0	0 0	0 0		
300	58	0	56	0	166	0	150	0	0 0	0 0	176	0	244	102	167	0	246	94	179	0	195	164	179	0	203	159	0 0	0 0	0 0	0 0	0 0	0 0		
400	54	0	58	0	139	0	121	0	0 0	0 0	177	0	249	111	170	0	249	101	180	0	198	162	180	0	201	141	0 0	0 0	0 0	0 0	0 0	0 0		
500	54	0	57	0	125	0	111	0	0 0	0 0	172	0	233	123	166	0	242	93	179	0	193	166	180	0	199	165	0 0	0 0	0 0	0 0	0 0	0 0		
600	52	0	53	0	144	0	143	0	0 0	0 0	157	0	203	93	150	0	243	100	172	0	182	162	174	0	191	159	0 0	0 0	0 0	0 0	0 0	0 0		
700	50	0	53	0	153	0	145	0	0 0	0 0	177	0	261	98	168	0	259	93	175	0	184	162	176	0	190	157	0 0	0 0	0 0	0 0	0 0	0 0		
800	51	0	48	0	130	0	126	0	0 0	0 0	158	0	219	96	154	0	253	101	168	0	187	146	169	0	198	138	0 0	0 0	0 0	0 0	0 0	0 0		
900	58	0	62	0	125	0	123	0	0 0	0 0	158	0	236	101	155	0	205	94	164	0	184	137	165	0	191	136	0 0	0 0	0 0	0 0	0 0	0 0		
1000	48	0	50	0	87	0	85	0	0 0	0 0	152	0	229	92	147	0	237	91	159	0	186	120	162	0	199	121	0 0	0 0	0 0	0 0	0 0	0 0		
1100	54	0	56	0	107	0	98	0	0 0	0 0	187	0	262	96	183	0	260	93	176	0	209	138	178	0	212	143	0 0	0 0	0 0	0 0	0 0	0 0		
1200	65	0	64	0	129	0	117	0	0 0	0 0	201	0	259	105	201	0	267	135	181	0	209	112	181	0	217	111	0 0	0 0	0 0	0 0	0 0	0 0		
1300	81	0	84	0	143	0	143	0	0 0	0 0	180	0	252	103	174	0	252	102	170	0	204	141	173	0	242	140	0 0	0 0	0 0	0 0	0 0	0 0		
1400	64	0	65	0	128	0	115	0	0 0	0 0	196	0	268	126	189	0	258	115	181	0	207	135	183	0	229	96	0 0	0 0	0 0	0 0	0 0	0 0		
1500	67	0	71	0	134	0	128	0	0 0	0 0	194	0	261	91	188	0	268	99	183	0	223	136	184	0	245	127	0 0	0 0	0 0	0 0	0 0	0 0		
1600	78	0	76	0	158	0	142	0	0 0	0 0	192	0	260	99	186	0	269	124	176	0	208	136	176	0	223	135	0 0	0 0	0 0	0 0	0 0	0 0		
1700	67	0	67	0	140	0	126	0	0 0	0 0	193	0	267	101	182	0	266	103	176	0	205	138	179	0	212	129	0 0	0 0	0 0	0 0	0 0	0 0		
1800	65	0	61	0	133	0	120	0	0 0	0 0	199	0	268	112	189	0	246	95	180	0	198	155	181	0	212	149	0 0	0 0	0 0	0 0	0 0	0 0		
1900	46	0	52	0	123	0	116	0	0 0	0 0	181	0	252	126	173	0	247	117	174	0	187	164	176	0	193	159	0 0	0 0	0 0	0 0	0 0	0 0		
2000	56	0	56	0	131	0	133	0	0 0	0 0	159	0	210	124	155	0	199	101	166	0	169	162	167	0	174	161	0 0	0 0	0 0	0 0	0 0	0 0		
2100	62	0	65	0	151	0	150	0	0 0	0 0	174	0	207	128	166	0	243	108	171	0	179	166	172	0	186	157	0 0	0 0	0 0	0 0	0 0	0 0		
2200	64	0	67	0	151	0	149	0	0 0	0 0	163	0	215	96	157	0	237	95	168	0	176	156	170	0	188	152	0 0	0 0	0 0	0 0	0 0	0 0		
2300	66	0	67	0	158	0	152	0	0 0	0 0	171	0	211	102	164	0	260	90	172	0	183	150	174	0	196	143	0 0	0 0	0 0	0 0	0 0	0 0		
2400	64	0	60	0	154	0	139	0	0 0	0 0	195	0	261	132	186	0	245	99	183	0	205	167	183	0	210	163	0 0	0 0	0 0	0 0	0 0	0 0		

	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	S RAIN S
100	567 0	551 0	585 0	586 0	320 2	320 2	20 0	27 0	0 0	0 0	352 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
200	559 0	554 0	574 0	577 0	320 2	320 2	16 0	23 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
300	540 0	534 0	565 0	567 0	320 2	320 2	25 0	31 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
400	538 0	534 0	554 0	558 0	320 2	320 2	16 0	22 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
500	522 0	516 0	541 0	545 0	320 2	320 2	22 0	29 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
600	491 0	487 0	531 0	532 0	320 2	320 2	41 0	47 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
700	502 0	496 0	518 0	522 0	320 2	320 2	18 0	25 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
800	536 0	531 0	520 0	522 0	320 2	320 2	-14 0	-7 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
900	579 0	574 0	552 0	556 0	320 2	320 2	-27 0	-20 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1000	635 0	631 0	599 0	601 0	320 2	320 2	-38 0	-31 0	0 0	0 0	406 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1100	667 0	664 0	624 0	628 0	320 2	320 2	-40 0	-36 0	0 0	0 0	423 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1200	682 0	678 0	649 0	653 0	320 2	320 2	-32 0	-27 0	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1300	707 0	703 0	669 0	667 0	320 2	320 2	-38 0	-32 0	0 0	0 0	417 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1400	727 0	725 0	687 0	689 0	320 2	320 2	-40 0	-34 0	0 0	0 0	435 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1500	734 0	732 0	707 0	705 0	320 2	320 2	-31 0	-25 0	0 0	0 0	424 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1600	743 0	741 0	712 0	714 0	320 2	320 2	-29 0	-25 0	0 0	0 0	433 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1700	732 0	719 0	712 0	712 0	320 2	320 2	-18 0	-14 0	0 0	0 0	430 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1800	694 0	691 0	694 0	696 0	320 2	320 2	2 0	7 0	0 0	0 0	412 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1900	662 0	657 0	671 0	675 0	320 2	320 2	13 0	18 0	0 0	0 0	394 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
2000	637 0	631 0	653 0	657 0	320 2	320 2	16 0	23 0	0 0	0 0	385 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
2100	621 0	617 0	635 0	639 0	320 2	320 2	16 0	22 0	0 0	0 0	378 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
2200	613 0	610 0	619 0	622 0	320 2	320 2	7 0	14 0	0 0	0 0	374 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
2300	617 0	613 0	621 0	624 0	320 2	320 2	5 0	13 0	0 0	0 0	376 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
2400	624 0	619 0	626 0	630 0	320 2	320 2	4 0	9 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	31 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 150A S		MAX S		WIND DIR3		MIN 150B S		MAX S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	50	A S	50	B S	150A	S	150B	S		S	50	A	S			50	B	S			150A	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S			150B	S	

	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	628 0	624 0	624 0	626 0	320 2	320 2	-4 0	4 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
200	630 0	624 0	626 0	628 0	320 2	320 2	-2 0	4 0	0 0	0 0	381 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
300	588 0	585 0	590 0	594 0	320 2	320 2	4 0	11 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
400	568 0	565 0	585 0	588 0	320 2	320 2	18 0	23 0	0 0	0 0	349 2	0 2	0 2	0 2	0 2	0 2	0 2	37 0
500	558 0	554 0	563 0	567 0	320 2	320 2	7 0	13 0	0 0	0 0	347 2	0 2	0 2	0 2	0 2	0 2	0 2	44 0
600	554 0	549 0	552 0	556 0	320 2	320 2	0 0	5 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	48 0
700	558 0	552 0	550 0	554 0	320 2	320 2	-5 0	0 0	0 0	0 0	351 2	0 2	0 2	0 2	0 2	0 2	0 2	66 0
800	565 0	561 0	559 0	561 0	320 2	320 2	-5 0	0 0	0 0	0 0	354 2	0 2	0 2	0 2	0 2	0 2	0 2	71 0
900	574 0	570 0	570 0	568 0	320 2	320 2	-7 0	2 0	0 0	0 0	363 2	0 2	0 2	0 2	0 2	0 2	0 2	76 0
1000	588 0	583 0	579 0	581 0	320 2	320 2	-7 0	-2 0	0 0	0 0	360 2	0 2	0 2	0 2	0 2	0 2	0 2	76 0
1100	604 0	599 0	594 0	595 0	320 2	320 2	-9 0	-4 0	0 0	0 0	370 2	0 2	0 2	0 2	0 2	0 2	0 2	76 0
1200	592 0	585 0	579 0	581 0	320 2	320 2	-13 0	-7 0	0 0	0 0	370 2	0 2	0 2	0 2	0 2	0 2	0 2	76 0
1300	529 0	525 0	518 0	520 0	320 2	320 2	-11 0	-5 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1400	520 0	516 0	513 0	518 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1500	514 0	509 0	502 0	505 0	320 2	320 2	-11 0	-5 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1600	502 0	495 0	487 0	489 0	320 2	320 2	-13 0	-7 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1700	491 0	486 0	477 0	478 0	320 2	320 2	-13 0	-5 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1800	487 0	482 0	475 0	477 0	320 2	320 2	-11 0	-5 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1900	487 0	484 0	478 0	477 0	320 2	320 2	-13 0	-5 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2000	493 0	489 0	482 0	484 0	320 2	320 2	-11 0	-5 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2100	500 0	496 0	489 0	493 0	320 2	320 2	-11 0	-4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2200	502 0	498 0	489 0	493 0	320 2	320 2	-11 0	-4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2300	502 0	500 0	498 0	495 0	320 2	320 2	-9 0	-4 0	0 0	0 0	324 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2400	496 0	493 0	486 0	487 0	320 2	320 2	-11 0	-4 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	79 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

AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30 A	S	30 B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	
100	489	0	484	0	477	0	480	0	320	2	320	2	-9	0	-4	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
200	487	0	482	0	475	0	478	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
300	473	0	469	0	462	0	464	0	320	2	320	2	-11	0	-4	0	0	0	0	0	314	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
400	466	0	462	0	453	0	457	0	320	2	320	2	-11	0	-4	0	0	0	0	0	310	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
500	464	0	459	0	451	0	455	0	320	2	320	2	-11	0	-4	0	0	0	0	0	310	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
600	459	0	453	0	446	0	450	0	320	2	320	2	-11	0	-4	0	0	0	0	0	306	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
700	451	0	449	0	442	0	444	0	320	2	320	2	-11	0	-4	0	0	0	0	0	305	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
800	455	0	451	0	448	0	444	0	320	2	320	2	-11	0	-5	0	0	0	0	0	303	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
900	450	0	450	0	450	0	441	0	320	2	320	2	-11	0	-5	0	0	0	0	0	296	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1000	457	0	457	0	459	0	444	0	320	2	320	2	-13	0	-7	0	0	0	0	0	294	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1100	459	0	459	0	466	0	446	0	320	2	320	2	-13	0	-7	0	0	0	0	0	297	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1200	475	0	482	0	495	0	459	0	320	2	320	2	-14	0	-7	0	0	0	0	0	287	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1300	468	0	466	0	455	0	450	0	320	2	320	2	-18	0	-13	0	0	0	0	0	312	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1400	496	0	489	0	502	0	459	0	320	2	320	2	-20	0	-14	0	0	0	0	0	306	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1500	487	0	482	0	468	0	466	0	320	2	320	2	-20	0	-14	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1600	496	0	495	0	487	0	482	0	320	2	320	2	-16	0	-11	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1700	496	0	493	0	482	0	486	0	320	2	320	2	-13	0	-7	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1800	496	0	493	0	487	0	489	0	320	2	320	2	-7	0	2	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1900	500	0	496	0	493	0	495	0	320	2	320	2	-7	0	2	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2000	500	0	495	0	493	0	495	0	320	2	320	2	-5	0	0	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2100	498	0	495	0	493	0	495	0	320	2	320	2	-5	0	2	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2200	498	0	493	0	491	0	495	0	320	2	320	2	-5	0	2	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2300	498	0	495	0	491	0	495	0	320	2	320	2	-5	0	0	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2400	498	0	495	0	493	0	496	0	320	2	320	2	-5	0	2	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0

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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	123	0	125	0	160	0	154	0	0	0	0	0	283	0	332	248	271	0	330	222	276	0	308	254	272	0	305	239	0	0	0	0	0	0
200	111	0	109	0	149	0	134	0	0	0	0	0	280	0	324	248	268	0	316	231	275	0	307	249	273	0	308	241	0	0	0	0	0	0
300	80	0	82	0	114	0	117	0	0	0	0	0	249	0	307	187	241	0	288	182	252	0	299	211	251	0	320	193	0	0	0	0	0	0
400	79	0	74	0	149	0	133	0	0	0	0	0	219	0	249	175	209	0	257	156	222	0	230	215	222	0	234	207	0	0	0	0	0	0
500	65	0	64	0	123	0	112	0	0	0	0	0	213	0	233	176	208	0	241	151	223	0	230	209	222	0	232	203	0	0	0	0	0	0
600	59	0	56	0	125	0	114	0	0	0	0	0	213	0	256	178	207	0	269	151	217	0	225	209	216	0	226	205	0	0	0	0	0	0
700	60	0	59	0	113	0	100	0	0	0	0	0	220	0	256	138	211	0	248	139	223	0	238	191	222	0	241	187	0	0	0	0	0	0
800	70	0	66	0	128	0	118	0	0	0	0	0	230	0	260	200	222	0	260	178	221	0	230	208	220	0	236	198	0	0	0	0	0	0
900	76	0	77	0	118	0	108	0	0	0	0	0	246	0	283	200	241	0	350	203	231	0	275	212	231	0	289	209	0	0	0	0	0	0
1000	115	0	115	0	158	0	148	0	0	0	0	0	255	0	288	220	249	0	355	192	242	0	273	228	241	0	296	208	0	0	0	0	0	0
1100	115	0	113	0	146	0	137	0	0	0	0	0	257	0	302	235	248	0	342	206	240	0	266	224	239	0	291	215	0	0	0	0	0	0
1200	85	0	80	0	111	0	103	0	0	0	0	0	258	0	296	219	249	0	298	196	246	0	272	221	244	0	272	211	0	0	0	0	0	0
1300	93	0	97	0	103	0	109	0	0	0	0	0	273	0	304	245	261	0	307	229	262	0	296	242	259	0	289	232	0	0	0	0	0	0
1400	64	0	72	0	88	0	95	0	0	0	0	0	307	0	339	248	295	0	351	240	294	0	312	247	292	0	333	235	0	0	0	0	0	0
1500	62	0	70	0	81	0	87	0	0	0	0	0	308	0	359	252	292	0	351	231	289	0	309	252	286	0	313	249	0	0	0	0	0	0
1600	45	0	54	0	60	0	66	0	0	0	0	0	314	0	350	259	299	0	340	229	296	0	316	271	293	0	325	258	0	0	0	0	0	0
1700	27	0	32	0	42	0	42	0	0	0	0	0	328	3	92	271	303	0	359	244	319	0	356	284	318	0	7	284	0	0	0	0	0	0
1800	13	0	20	0	11	0	14	0	0	0	0	0	35	3	80	305	25	3	76	275	29	0	167	272	13	3	91	270	0	0	0	0	0	0
1900	44	0	53	0	56	0	56	0	0	0	0	0	112	0	125	103	104	0	130	82	92	0	106	80	97	0	112	85	0	0	0	0	0	0
2000	46	0	53	0	118	0	121	0	0	0	0	0	147	0	177	10	145	0	236	118	156	0	162	148	163	0	163	150	0	0	0	0	0	0
2100	53	0	61	0	154	0	157	0	0	0	0	0	152	0	190	124	147	0	179	109	157	0	161	147	160	0	164	152	0	0	0	0	0	0
2200	58	0	63	0	166	0	170	0	0	0	0	0	161	0	191	130	155	0	189	118	166	0	193	165	170	0	174	311	0	0	0	0	0	0
2300	58	0	64	0	167	0	173	0	0	0	0	0	164	0	198	137	158	0	205	113	167	0	169	165	169	0	174	161	0	0	0	0	0	0
2400	63	0	69	0	181	0	185	0	0	0	0	0	168	0	207	125	160	0	207	112	172	0	173	170	174	0	177	172	0	0	0	0	0	0

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	S	30	B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S			
100	500	0	494	0	495	0	498	0	320	2	320	2	-5	0	2	0	0	0	0	0	324	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
200	498	0	495	0	493	0	495	0	320	2	320	2	-5	0	2	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
300	484	0	480	0	482	0	486	0	320	2	320	2	2	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
400	414	0	408	0	455	0	457	0	320	2	320	2	41	0	49	0	0	0	0	0	285	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
500	396	0	392	0	441	0	442	0	320	2	320	2	45	0	52	0	0	0	0	0	276	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
600	385	0	381	0	424	0	428	0	320	2	320	2	41	0	47	0	0	0	0	0	272	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
700	406	0	401	0	437	0	439	0	320	2	320	2	32	0	40	0	0	0	0	0	279	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
800	424	0	421	0	439	0	442	0	320	2	320	2	16	0	22	0	0	0	0	0	301	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
900	484	0	482	0	489	0	473	0	320	2	320	2	-7	0	0	0	0	0	0	0	315	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1000	518	0	514	0	513	0	495	0	320	2	320	2	-16	0	-13	0	0	0	0	0	331	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1100	532	0	531	0	525	0	507	0	320	2	320	2	-20	0	-16	0	0	0	0	0	342	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1200	538	0	534	0	518	0	520	0	320	2	320	2	-20	0	-16	0	0	0	0	0	361	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1300	550	0	545	0	523	0	523	0	320	2	320	2	-25	0	-22	0	0	0	0	0	352	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1400	576	0	576	0	534	0	531	0	320	2	320	2	-45	0	-41	0	0	0	0	0	372	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1500	577	0	577	0	545	0	540	0	320	2	320	2	-38	0	-34	0	0	0	0	0	361	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1600	586	0	585	0	558	0	549	0	320	2	320	2	-36	0	-34	0	0	0	0	0	352	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1700	581	0	577	0	552	0	532	0	320	2	320	2	-27	0	-25	0	0	0	0	0	363	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1800	550	0	547	0	547	0	549	0	320	2	320	2	-2	0	4	0	0	0	0	0	356	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
1900	505	0	504	0	527	0	531	0	320	2	320	2	23	0	27	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2000	486	0	482	0	536	0	540	0	320	2	320	2	50	0	58	0	0	0	0	0	312	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2100	473	0	469	0	532	0	534	0	320	2	320	2	61	0	67	0	0	0	0	0	310	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2200	464	0	459	0	516	0	520	0	320	2	320	2	54	0	59	0	0	0	0	0	306	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2300	455	0	450	0	504	0	507	0	320	2	320	2	50	0	56	0	0	0	0	0	303	2	0	2	0	2	0	2	0	2	0	2	0	2	79	0
2400	446	0	441	0	511	0	513	0	320	2	320	2	65	0	72	0	0	0	0	0	297	2	0	2	0	2	0	2	0	2	0	2	0	2	79	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	67 0	71 0	185 0	190 0	0 0	0 0	164 0	192	133	156 0	196	116	170 0	171	167	172 0	175	168	0 0	0 0	0 0	0 0	0 0	0 0
200	64 0	65 0	171 0	175 0	0 0	0 0	157 0	180	131	150 0	192	112	164 0	166	161	165 0	169	161	0 0	0 0	0 0	0 0	0 0	0 0
300	67 0	65 0	178 0	181 0	0 0	0 0	153 0	182	136	148 0	195	94	162 0	165	161	163 0	166	161	0 0	0 0	0 0	0 0	0 0	0 0
400	68 0	70 0	192 0	195 0	0 0	0 0	151 0	176	127	145 0	205	101	162 0	165	160	164 0	169	160	0 0	0 0	0 0	0 0	0 0	0 0
500	64 0	67 0	188 0	191 0	0 0	0 0	147 0	168	126	142 0	173	104	160 0	162	157	161 0	166	159	0 0	0 0	0 0	0 0	0 0	0 0
600	69 0	74 0	190 0	193 0	0 0	0 0	145 0	169	120	140 0	186	90	157 0	160	154	158 0	162	156	0 0	0 0	0 0	0 0	0 0	0 0
700	67 0	76 0	160 0	162 0	0 0	0 0	138 0	156	114	139 0	238	90	156 0	175	151	158 0	195	152	0 0	0 0	0 0	0 0	0 0	0 0
800	60 0	71 0	159 0	162 0	0 0	0 0	146 0	194	114	146 0	242	90	164 0	189	155	167 0	209	149	0 0	0 0	0 0	0 0	0 0	0 0
900	54 0	74 0	103 0	115 0	0 0	0 0	149 0	221	102	151 0	263	99	159 0	190	127	165 0	236	136	0 0	0 0	0 0	0 0	0 0	0 0
1000	31 0	34 0	55 0	54 0	0 0	0 0	193 0	258	92	186 0	262	90	172 0	238	112	172 0	264	104	0 0	0 0	0 0	0 0	0 0	0 0
1100	49 0	51 0	78 0	72 0	0 0	0 0	241 0	297	183	236 0	343	180	205 0	254	151	205 0	269	152	0 0	0 0	0 0	0 0	0 0	0 0
1200	73 0	80 0	85 0	85 0	0 0	0 0	263 0	313	224	261 0	346	209	248 0	283	210	249 0	300	208	0 0	0 0	0 0	0 0	0 0	0 0
1300	65 0	75 0	82 0	91 0	0 0	0 0	279 0	321	243	273 0	344	231	264 0	293	250	264 0	303	242	0 0	0 0	0 0	0 0	0 0	0 0
1400	43 0	47 0	60 0	60 0	0 0	0 0	281 0	341	183	271 0	354	184	267 0	319	184	265 0	318	193	0 0	0 0	0 0	0 0	0 0	0 0
1500	52 0	56 0	96 0	97 0	0 0	0 0	189 0	265	100	182 0	263	90	175 0	226	131	179 0	245	129	0 0	0 0	0 0	0 0	0 0	0 0
1600	38 0	49 0	80 0	81 0	0 0	0 0	181 0	266	91	174 0	259	90	178 0	253	142	179 0	267	139	0 0	0 0	0 0	0 0	0 0	0 0
1700	28 0	32 0	69 0	65 0	0 0	0 0	199 0	253	142	194 0	269	119	181 0	197	167	181 0	197	167	0 0	0 0	0 0	0 0	0 0	0 0
1800	39 0	45 0	95 0	98 0	0 0	0 0	151 0	185	123	148 0	193	110	153 0	161	146	156 0	163	150	0 0	0 0	0 0	0 0	0 0	0 0
1900	50 0	61 0	127 0	127 0	0 0	0 0	141 0	166	124	135 0	164	97	143 0	147	140	147 0	152	140	0 0	0 0	0 0	0 0	0 0	0 0
2000	59 0	63 0	160 0	163 0	0 0	0 0	148 0	211	114	144 0	209	107	154 0	160	144	156 0	167	147	0 0	0 0	0 0	0 0	0 0	0 0
2100	62 0	71 0	166 0	167 0	0 0	0 0	144 0	169	124	143 0	186	107	152 0	160	149	154 0	159	151	0 0	0 0	0 0	0 0	0 0	0 0
2200	64 0	71 0	171 0	173 0	0 0	0 0	148 0	195	113	145 0	251	113	154 0	159	150	157 0	194	148	0 0	0 0	0 0	0 0	0 0	0 0
2300	56 0	62 0	152 0	153 0	0 0	0 0	165 0	204	103	158 0	218	96	172 0	179	166	175 0	183	167	0 0	0 0	0 0	0 0	0 0	0 0
2400	59 0	63 0	147 0	147 0	0 0	0 0	152 0	205	96	145 0	194	93	167 0	185	157	169 0	189	154	0 0	0 0	0 0	0 0	0 0	0 0

	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	S RAIN S
100	435 0	432 0	504 0	507 0	320 2	320 2	68 0	76 0	0 0	0 0	296 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
200	426 0	423 0	487 0	489 0	320 2	320 2	61 0	68 0	0 0	0 0	290 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
300	406 0	403 0	493 0	495 0	320 2	320 2	86 0	94 0	0 0	0 0	283 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
400	405 0	401 0	480 0	484 0	320 2	320 2	76 0	83 0	0 0	0 0	281 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
500	396 0	392 0	475 0	477 0	320 2	320 2	79 0	85 0	0 0	0 0	279 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
600	394 0	390 0	462 0	464 0	320 2	320 2	68 0	74 0	0 0	0 0	278 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
700	397 0	392 0	451 0	441 0	320 2	320 2	50 0	54 0	0 0	0 0	270 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
800	430 0	430 0	446 0	437 0	320 2	320 2	9 0	16 0	0 0	0 0	278 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
900	487 0	493 0	487 0	466 0	320 2	320 2	-20 0	-13 0	0 0	0 0	308 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1000	554 0	545 0	522 0	525 0	320 2	320 2	-29 0	-23 0	0 0	0 0	379 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1100	585 0	593 0	554 0	558 0	320 2	320 2	-31 0	-27 0	0 0	0 0	396 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1200	590 0	588 0	583 0	563 0	320 2	320 2	-18 0	-14 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1300	594 0	592 0	577 0	561 0	320 2	320 2	-25 0	-22 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1400	608 0	606 0	576 0	576 0	320 2	320 2	-31 0	-29 0	0 0	0 0	392 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1500	642 0	642 0	615 0	612 0	320 2	320 2	-31 0	-25 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1600	646 0	642 0	615 0	617 0	320 2	320 2	-31 0	-25 0	0 0	0 0	396 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1700	617 0	613 0	606 0	610 0	320 2	320 2	-9 0	-4 0	0 0	0 0	383 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1800	594 0	590 0	601 0	604 0	320 2	320 2	9 0	14 0	0 0	0 0	369 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
1900	568 0	545 0	586 0	590 0	320 2	320 2	20 0	25 0	0 0	0 0	354 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2000	550 0	545 0	583 0	585 0	320 2	320 2	34 0	40 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2100	534 0	529 0	572 0	574 0	320 2	320 2	40 0	45 0	0 0	0 0	338 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2200	532 0	529 0	570 0	568 0	320 2	320 2	36 0	43 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2300	523 0	522 0	561 0	565 0	320 2	320 2	38 0	43 0	0 0	0 0	334 2	0 2	0 2	0 2	0 2	0 2	0 2	79 0
2400	523 0	520 0	543 0	547 0	320 2	320 2	22 0	27 0	0 0	0 0	336 2	0 2	0 2	0 2	0 2	0 2	0 2	79 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.

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
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AMB. TEM1	AMB. TEM2	AMB. TEM3	AMB. TEM4	AMB. TEM5	AMB. TEM6	D.T. 1	D.T. 2	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	RAIN
30 A S	30 B S	180A S	180B S	S	S	180A S	180B S	S	S	S	S	S	S	S	S	S	S
100	529 0	525 0	538 0	541 0	320 2	320 2	11 0	16 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	79 0
200	505 0	502 0	529 0	531 0	320 2	320 2	23 0	31 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	79 0
300	520 0	516 0	529 0	531 0	320 2	320 2	9 0	16 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	79 0
400	536 0	532 0	534 0	538 0	320 2	320 2	-2 0	5 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	79 0
500	534 0	527 0	531 0	532 0	320 2	320 2	-4 0	4 0	0 0	0 0	342 2	0 2	0 2	0 2	0 2	0 2	79 0
600	540 0	540 0	543 0	536 0	320 2	320 2	-4 0	4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	79 0
700	540 0	534 0	534 0	538 0	320 2	320 2	-5 0	2 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	79 0
800	518 0	514 0	525 0	527 0	320 2	320 2	5 0	13 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	80 0
900	541 0	536 0	534 0	538 0	320 2	320 2	-5 0	2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	80 0
1000	513 0	507 0	509 0	511 0	320 2	320 2	-4 0	4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	86 0
1100	500 0	496 0	498 0	496 0	320 2	320 2	-7 0	0 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	100 0
1200	504 0	493 0	498 0	498 0	320 2	320 2	-9 0	2 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	113 0
1300	507 0	502 0	496 0	500 0	320 2	320 2	-9 0	-2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	120 0
1400	532 0	527 0	514 0	516 0	320 2	320 2	-16 0	-11 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	120 0
1500	556 0	552 0	536 0	538 0	320 2	320 2	-16 0	-13 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	120 0
1600	529 0	527 0	520 0	523 0	320 2	320 2	-11 0	-4 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	125 0
1700	486 0	480 0	480 0	484 0	320 2	320 2	-5 0	4 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	127 0
1800	486 0	486 0	482 0	491 0	320 2	320 2	-4 0	5 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	127 0
1900	493 0	489 0	487 0	489 0	320 2	320 2	-7 0	0 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	127 0
2000	473 0	469 0	469 0	469 0	320 2	320 2	-7 0	2 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	131 0
2100	475 0	469 0	471 0	473 0	320 2	320 2	-7 0	2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	135 0
2200	500 0	495 0	487 0	489 0	320 2	320 2	-13 0	-5 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	135 0
2300	502 0	495 0	491 0	493 0	320 2	320 2	-11 0	-4 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	135 0
2400	509 0	505 0	496 0	498 0	320 2	320 2	-11 0	-4 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	135 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN			MAX			WIND DIR2			MIN			MAX			WIND DIR3			MIN			MAX			WIND DIR4			MIN			MAX			WIND DIR5			MIN			MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	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	507 0	500 0	504 0	320 2	320 2	-13 0	-5 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
200	518 0	514 0	507 0	509 0	320 2	320 2	-11 0	-4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
300	523 0	520 0	509 0	513 0	320 2	320 2	-11 0	-4 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
400	516 0	514 0	505 0	507 0	320 2	320 2	-11 0	-4 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
500	511 0	507 0	498 0	502 0	320 2	320 2	-13 0	-5 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
600	513 0	513 0	505 0	504 0	320 2	320 2	-13 0	-7 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	140 0
700	500 0	500 0	491 0	493 0	320 2	320 2	-13 0	-5 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
800	500 0	495 0	487 0	489 0	320 2	320 2	-13 0	-5 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
900	487 0	484 0	477 0	480 0	320 2	320 2	-11 0	-4 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
1000	477 0	471 0	469 0	473 0	320 2	320 2	-9 0	0 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	139 0
1100	473 0	468 0	464 0	466 0	320 2	320 2	-9 0	2 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
1200	495 0	486 0	475 0	477 0	320 2	320 2	-11 0	-5 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
1300	487 0	484 0	475 0	477 0	320 2	320 2	-13 0	-5 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
1400	507 0	507 0	475 0	489 0	320 2	320 2	-18 0	-13 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
1500	531 0	527 0	498 0	502 0	320 2	320 2	-31 0	-25 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
1600	522 0	516 0	504 0	505 0	320 2	320 2	-18 0	-11 0	0 0	0 0	322 2	0 2	0 2	0 2	0 2	0 2	0 2	142 0
1700	520 0	512 0	507 0	511 0	320 2	320 2	-11 0	-5 0	0 0	0 0	340 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
1800	518 0	514 0	507 0	509 0	320 2	320 2	-9 0	-4 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	142 0
1900	505 0	502 0	498 0	500 0	320 2	320 2	-7 0	0 0	0 0	0 0	333 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
2000	507 0	502 0	498 0	500 0	320 2	320 2	-7 0	-2 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	141 0
2100	491 0	496 0	491 0	493 0	320 2	320 2	0 0	7 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2200	498 0	495 0	487 0	491 0	320 2	320 2	-9 0	-4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2300	487 0	484 0	477 0	478 0	320 2	320 2	-11 0	-5 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2400	484 0	478 0	473 0	475 0	320 2	320 2	-11 0	-4 0	0 0	0 0	325 2	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN			MAX			WIND DIR2			MIN			MAX			WIND DIR3			MIN			MAX			WIND DIR4			MIN			MAX			WIND DIR5			MIN			MAX			WIND DIR6			MIN			MAX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	50	A	S	50	B	S	150A	S	150B	S		S	50	A	S		S	50	A	S		S	50	B	S		S	150A	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S		S	150B	S	

	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	S RAIN S
100	477 0	475 0	468 0	471 0	320 2	320 2	-9 0	-4 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
200	473 0	469 0	462 0	466 0	320 2	320 2	-11 0	-4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
300	466 0	460 0	457 0	460 0	320 2	320 2	-7 0	0 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
400	462 0	459 0	455 0	457 0	320 2	320 2	-7 0	0 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
500	459 0	455 0	451 0	453 0	320 2	320 2	-7 0	2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
600	455 0	450 0	446 0	450 0	320 2	320 2	-7 0	0 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
700	455 0	450 0	448 0	450 0	320 2	320 2	-5 0	0 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
800	464 0	459 0	451 0	455 0	320 2	320 2	-11 0	-4 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
900	464 0	460 0	450 0	451 0	320 2	320 2	-14 0	-9 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1000	473 0	469 0	453 0	457 0	320 2	320 2	-18 0	-13 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1100	478 0	475 0	459 0	460 0	320 2	320 2	-20 0	-16 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1200	482 0	478 0	459 0	462 0	320 2	320 2	-23 0	-18 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1300	487 0	484 0	466 0	468 0	320 2	320 2	-22 0	-16 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1400	491 0	487 0	469 0	473 0	320 2	320 2	-20 0	-14 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1500	502 0	498 0	478 0	480 0	320 2	320 2	-23 0	-18 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1600	511 0	507 0	489 0	491 0	320 2	320 2	-22 0	-16 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1700	514 0	511 0	496 0	500 0	320 2	320 2	-16 0	-11 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1800	502 0	499 0	496 0	498 0	320 2	320 2	-5 0	0 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
1900	471 0	468 0	496 0	498 0	320 2	320 2	27 0	32 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2000	448 0	442 0	495 0	498 0	320 2	320 2	47 0	54 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2100	441 0	435 0	487 0	491 0	320 2	320 2	49 0	54 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2200	435 0	433 0	487 0	489 0	320 2	320 2	50 0	56 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2300	437 0	433 0	487 0	489 0	320 2	320 2	49 0	56 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	143 0
2400	442 0	441 0	486 0	486 0	320 2	320 2	40 0	45 0	0 0	0 0	325 2	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	50	B S	50	B S	150A	S	50	B S	150A	S	50	B S	50	B S	50	B S	50	B S	50	B S	50	B S
100	66	0	68	0	162	0	139	0	0	0	0	0	207	0	239	159	201	0	249	94	192	0	207	176	192	0	207	176	0	0	0	0	0	0
200	64	0	65	0	159	0	138	0	0	0	0	0	202	0	237	123	192	0	261	104	192	0	208	178	192	0	208	178	0	0	0	0	0	0
300	50	0	53	0	160	0	140	0	0	0	0	0	194	0	260	126	188	0	264	113	189	0	202	179	189	0	202	179	0	0	0	0	0	0
400	50	0	55	0	156	0	141	0	0	0	0	0	201	0	253	161	197	0	248	138	192	0	203	179	192	0	203	179	0	0	0	0	0	0
500	43	0	45	0	145	0	127	0	0	0	0	0	198	0	253	124	191	0	252	105	192	0	203	179	192	0	203	179	0	0	0	0	0	0
600	51	0	54	0	152	0	136	0	0	0	0	0	191	0	234	153	184	0	260	116	189	0	207	175	189	0	207	175	0	0	0	0	0	0
700	54	0	62	0	163	0	141	0	0	0	0	0	175	0	208	102	164	0	232	91	186	0	203	173	186	0	203	173	0	0	0	0	0	0
800	51	0	55	0	143	0	128	0	0	0	0	0	190	0	267	129	179	0	269	92	188	0	223	164	188	0	223	164	0	0	0	0	0	0
900	45	0	55	0	98	0	100	0	0	0	0	0	180	0	259	107	182	0	269	113	180	0	228	141	180	0	228	141	0	0	0	0	0	0
1000	37	0	44	0	68	0	72	0	0	0	0	0	164	0	267	99	161	0	264	92	171	0	220	108	171	0	220	108	0	0	0	0	0	0
1100	59	0	67	0	94	0	97	0	0	0	0	0	137	0	179	75	129	0	176	47	143	0	177	114	143	0	177	114	0	0	0	0	0	0
1200	54	0	60	0	96	0	95	0	0	0	0	0	183	0	267	98	183	0	256	113	175	0	239	132	175	0	239	132	0	0	0	0	0	0
1300	52	0	61	0	101	0	101	0	0	0	0	0	183	0	266	96	177	0	265	100	175	0	237	112	175	0	237	112	0	0	0	0	0	0
1400	60	0	61	0	120	0	115	0	0	0	0	0	189	0	258	95	185	0	267	108	181	0	231	137	181	0	231	137	0	0	0	0	0	0
1500	58	0	59	0	105	0	101	0	0	0	0	0	180	0	253	113	176	0	267	91	173	0	227	141	173	0	227	141	0	0	0	0	0	0
1600	64	0	74	0	124	0	128	0	0	0	0	0	180	0	266	104	174	0	267	101	170	0	251	131	170	0	251	131	0	0	0	0	0	0
1700	50	0	57	0	117	0	120	0	0	0	0	0	173	0	252	124	168	0	241	97	171	0	200	143	171	0	200	143	0	0	0	0	0	0
1800	52	0	59	0	120	0	125	0	0	0	0	0	159	0	200	105	153	0	192	106	165	0	179	154	165	0	179	154	0	0	0	0	0	0
1900	76	0	81	0	165	0	169	0	0	0	0	0	162	0	217	113	151	0	214	97	161	0	178	141	161	0	178	141	0	0	0	0	0	0
2000	74	0	83	0	170	0	169	0	0	0	0	0	172	0	249	117	166	0	262	96	166	0	198	145	166	0	198	145	0	0	0	0	0	0
2100	95	0	100	0	195	0	198	0	0	0	0	0	170	0	244	90	165	0	241	101	166	0	187	130	166	0	187	130	0	0	0	0	0	0
2200	102	0	115	0	206	0	204	0	0	0	0	0	166	0	236	103	161	0	220	90	164	0	212	125	164	0	212	125	0	0	0	0	0	0
2300	128	0	141	0	266	0	264	0	0	0	0	0	163	0	216	90	161	0	248	102	160	0	180	141	160	0	180	141	0	0	0	0	0	0
2400	112	0	123	0	220	0	220	0	0	0	0	0	167	0	234	101	164	0	259	97	164	0	195	139	164	0	195	139	0	0	0	0	0	0

AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		S. RAIN 8		
30 A	S	30 B	S	180A	S	180B	S	6	S	180A	S	180B	S	6	S	6	S	6	S	6	S	6	S	6	S	6	S	6	S	6	S	6	S	6	S	
100	444	0	439	0	469	0	471	0	320	2	320	2	25	0	32	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
200	442	0	437	0	464	0	466	0	320	2	320	2	22	0	29	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
300	428	0	424	0	460	0	462	0	320	2	320	2	32	0	38	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
400	428	0	424	0	466	0	458	0	320	2	320	2	38	0	43	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
500	430	0	426	0	464	0	466	0	320	2	320	2	32	0	40	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
600	419	0	415	0	453	0	455	0	320	2	320	2	34	0	40	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
700	414	0	408	0	459	0	462	0	320	2	320	2	45	0	52	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
800	446	0	444	0	441	0	446	0	320	2	320	2	-2	0	4	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
900	496	0	505	0	477	0	486	0	320	2	320	2	-16	0	-11	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1000	554	0	550	0	523	0	527	0	320	2	320	2	-29	0	-22	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1100	588	0	595	0	549	0	552	0	320	2	320	2	-40	0	-32	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1200	624	0	619	0	590	0	594	0	320	2	320	2	-32	0	-27	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1300	653	0	657	0	617	0	622	0	320	2	320	2	-36	0	-31	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1400	671	0	667	0	633	0	637	0	320	2	320	2	-36	0	-31	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1500	675	0	671	0	649	0	653	0	320	2	320	2	-23	0	-18	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1600	691	0	694	0	671	0	675	0	320	2	320	2	-22	0	-16	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1700	673	0	675	0	673	0	675	0	320	2	320	2	2	0	5	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1800	648	0	642	0	657	0	660	0	320	2	320	2	11	0	16	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
1900	635	0	630	0	640	0	644	0	320	2	320	2	7	0	13	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
2000	631	0	626	0	631	0	635	0	320	2	320	2	2	0	7	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
2100	628	0	624	0	626	0	628	0	320	2	320	2	-2	0	5	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
2200	626	0	622	0	621	0	624	0	320	2	320	2	-5	0	2	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
2300	622	0	619	0	619	0	619	0	320	2	320	2	-4	0	2	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	143	0
2400	619	0	613	0	613	0	617	0	320	2	320	2	-4	0	4	0	0	0	0	0	325	2	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 150A S		MAX 150B S		WIND DIR3		MIN 150B S		MAX 150B S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S				
	50	A S	50	B S	150A	B S	150B	B S	50	A S	50	A S	DIR1	50	B S	50	B S	150A	B S	DIR2	50	B S	150A	B S	DIR3	50	B S	150B	B S	DIR4	50	B S	150B	B S	DIR5	50	B S	150B	B S	DIR6	50	B S	150B	B S							
100	127	0	132	0	249	0	248	0	0	0	0	0	170	0	268	93	165	0	257	107	165	0	205	133	165	0	205	133	165	0	205	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
200	146	0	156	0	267	0	269	0	0	0	0	0	168	0	230	106	162	0	254	97	163	0	186	136	163	0	186	136	163	0	186	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
300	98	0	99	0	207	0	196	0	0	0	0	0	189	0	254	99	185	0	264	95	175	0	221	122	175	0	221	122	175	0	221	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
400	135	0	139	0	266	0	267	0	0	0	0	0	172	0	257	113	162	0	230	95	168	0	197	130	168	0	197	130	168	0	197	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
500	92	0	97	0	203	0	192	0	0	0	0	0	185	0	256	112	182	0	254	93	176	0	211	149	176	0	211	149	176	0	211	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
600	122	0	120	0	249	0	239	0	0	0	0	0	180	0	253	93	174	0	248	97	173	0	214	126	173	0	214	126	173	0	214	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
700	114	0	116	0	239	0	221	0	0	0	0	0	188	0	267	135	181	0	256	119	177	0	200	149	177	0	200	149	177	0	200	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
800	81	0	85	0	201	0	179	0	0	0	0	0	192	0	265	112	181	0	262	90	183	0	200	162	183	0	200	162	183	0	200	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
900	111	0	100	0	191	0	167	0	0	0	0	0	220	0	257	169	209	0	253	106	198	0	218	159	198	0	218	159	198	0	218	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1000	105	0	95	0	205	0	175	0	0	0	0	0	213	0	262	98	205	0	259	100	195	0	219	165	195	0	219	165	195	0	219	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1100	143	0	127	0	257	0	216	0	0	0	0	0	215	0	269	93	213	0	261	120	196	0	219	166	196	0	219	166	196	0	219	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1200	139	0	127	0	220	0	202	0	0	0	0	0	261	0	177	182	211	0	268	124	197	0	214	173	197	0	214	173	197	0	214	173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1300	137	0	119	0	230	0	193	0	0	0	0	0	223	0	267	138	220	0	266	149	204	0	229	180	204	0	229	180	204	0	229	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1400	122	0	104	0	204	0	171	0	0	0	0	0	218	0	258	158	215	0	253	159	198	0	215	163	198	0	215	163	198	0	215	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1500	136	0	117	0	227	0	192	0	0	0	0	0	223	0	268	100	218	0	253	155	204	0	225	166	204	0	225	166	204	0	225	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	118	0	106	0	204	0	167	0	0	0	0	0	221	0	268	103	212	0	255	134	199	0	226	181	199	0	226	181	199	0	226	181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	131	0	114	0	226	0	190	0	0	0	0	0	232	0	334	182	219	0	267	166	203	0	235	180	203	0	235	180	203	0	235	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	124	0	104	0	181	0	153	0	0	0	0	0	232	0	309	184	225	0	273	197	210	0	225	190	210	0	225	190	210	0	225	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	95	0	85	0	179	0	149	0	0	0	0	0	232	0	287	189	219	0	265	171	207	0	220	186	207	0	220	186	207	0	220	186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	85	0	76	0	167	0	141	0	0	0	0	0	221	0	309	182	208	0	257	164	195	0	211	168	195	0	211	168	195	0	211	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	76	0	76	0	178	0	162	0	0	0	0	0	178	0	266	105	168	0	226	98	177	0	194	155	177	0	194	155	177	0	194	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2200	74	0	73	0	180	0	139	0	0	0	0	0	185	0	258	106	177	0	239	112	184	0	193	170	184	0	193	170	184	0	193	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2300	96	0	87	0	201	0	168	0	0	0	0	0	219	0	268	137	210	0	267	124	200	0	216	181	200	0	216	181	200	0	216	181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2400	98	0	87	0	179	0	150	0	0	0	0	0	227	0	303	184	219	0	262	134	205	0	223	183	205	0	223	183	205	0	223	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		S					
	30	A	S	30	B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S								
100	613	0		608	0		608	0	610	0		320	2	320	2		-4	0		2	0		0	0		0	0		345	2		0	2		0	2		0	2		143	0
200	606	0		603	0		599	0	603	0		320	2	320	2		-5	0		2	0		0	0		0	0		327	2		0	2		0	2		0	2		143	0
300	601	0		595	0		592	0	595	0		320	2	320	2		-5	0		2	0		0	0		0	0		343	2		0	2		0	2		0	2		143	0
400	604	0		599	0		599	0	601	0		320	2	320	2		-5	0		2	0		0	0		0	0		325	2		0	2		0	2		0	2		143	0
500	599	0		595	0		594	0	597	0		320	2	320	2		-5	0		2	0		0	0		0	0		345	2		0	2		0	2		0	2		143	0
600	610	0		608	0		601	0	608	0		320	2	320	2		-4	0		4	0		0	0		0	0		327	2		0	2		0	2		0	2		143	0
700	597	0		592	0		592	0	594	0		320	2	320	2		-4	0		2	0		0	0		0	0		343	2		0	2		0	2		0	2		143	0
800	559	0		554	0		568	0	574	0		320	2	320	2		13	0		20	0		0	0		0	0		325	2		0	2		0	2		0	2		144	0
900	594	0		590	0		592	0	595	0		320	2	320	2		2	0		5	0		0	0		0	0		345	2		0	2		0	2		0	2		144	0
1000	604	0		597	0		594	0	597	0		320	2	320	2		-7	0		0	0		0	0		0	0		327	2		0	2		0	2		0	2		144	0
1100	608	0		604	0		595	0	597	0		320	2	320	2		-11	0		-5	0		0	0		0	0		343	2		0	2		0	2		0	2		146	0
1200	617	0		615	0		608	0	615	0		320	2	320	2		-4	0		2	0		0	0		0	0		325	2		0	2		0	2		0	2		5	6
1300	657	0		655	0		642	0	649	0		320	2	320	2		-9	0		-4	0		0	0		0	0		345	2		0	2		0	2		0	2		0	6
1400	649	0		644	0		640	0	644	0		320	2	320	2		-5	0		0	0		0	0		0	0		327	2		0	2		0	2		0	2		0	0
1500	660	0		655	0		649	0	653	0		320	2	320	2		-7	0		-2	0		0	0		0	0		343	2		0	2		0	2		0	2		0	0
1600	655	0		649	0		646	0	649	0		320	2	320	2		-7	0		2	0		0	0		0	0		325	2		0	2		0	2		0	2		8	0
1700	651	0		648	0		642	0	644	0		320	2	320	2		-7	0		-2	0		0	0		0	0		345	2		0	2		0	2		0	2		0	6
1800	577	0		572	0		572	0	576	0		320	2	320	2		-4	0		4	0		0	0		0	0		327	2		0	2		0	2		0	2		5	0
1900	574	0		568	0		574	0	576	0		320	2	320	2		2	0		7	0		0	0		0	0		343	2		0	2		0	2		0	2		8	0
2000	570	0		565	0		567	0	570	0		320	2	320	2		2	0		5	0		0	0		0	0		325	2		0	2		0	2		0	2		11	0
2100	577	0		574	0		583	0	585	0		320	2	320	2		5	0		11	0		0	0		0	0		345	2		0	2		0	2		0	2		11	0
2200	592	0		584	0		601	0	604	0		320	2	320	2		11	0		16	0		0	0		0	0		327	2		0	2		0	2		0	2		11	0
2300	622	0		617	0		628	0	630	0		320	2	320	2		7	0		14	0		0	0		0	0		343	2		0	2		0	2		0	2		11	0
2400	640	0		633	0		637	0	639	0		320	2	320	2		2	0		5	0		0	0		0	0		325	2		0	2		0	2		0	2		11	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6			
	50 A	50 B	50 A	50 B	150A	150B	5	50 A	50 B	5	50 A	50 B	50 B	50 B	50 B	50 B	150A	5	50 A	50 B	150A	5	50 A	50 B	150A	5	50 A	50 B	150A	5	50 A	50 B	150A	5	50 A	50 B
100	117	0	102	0	194	0	162	0	0	0	0	0	236	0	308	183	224	0	269	181	210	0	233	185	210	0	233	185	0	0	0	0	0	0	0	
200	132	0	110	0	224	0	184	0	0	0	0	0	227	0	269	99	224	0	261	169	209	0	225	195	209	0	225	195	0	0	0	0	0	0	0	
300	100	0	90	0	171	0	143	0	0	0	0	0	221	0	268	131	209	0	242	139	206	0	226	178	206	0	226	178	0	0	0	0	0	0	0	
400	111	0	96	0	188	0	160	0	0	0	0	0	242	0	287	188	234	0	262	185	222	0	236	209	222	0	236	209	0	0	0	0	0	0	0	
500	114	0	96	0	184	0	154	0	0	0	0	0	249	0	289	204	238	0	258	208	228	0	235	219	228	0	235	219	0	0	0	0	0	0	0	
600	97	0	84	0	164	0	139	0	0	0	0	0	250	0	297	197	240	0	270	215	229	0	239	213	229	0	239	213	0	0	0	0	0	0	0	
700	98	0	79	0	162	0	133	0	0	0	0	0	247	0	312	213	237	0	275	206	230	0	238	218	230	0	238	218	0	0	0	0	0	0	0	
800	76	0	67	0	130	0	109	0	0	0	0	0	247	0	282	208	237	0	272	201	229	0	242	214	229	0	242	214	0	0	0	0	0	0	0	
900	32	0	35	0	64	0	66	0	0	0	0	0	301	0	357	249	289	0	339	233	278	0	305	254	278	0	305	254	0	0	0	0	0	0	0	
1000	33	0	34	0	52	0	49	0	0	0	0	0	267	0	290	228	257	0	288	219	250	0	263	233	250	0	263	233	0	0	0	0	0	0	0	
1100	34	0	35	0	48	0	47	0	0	0	0	0	13	0	111	285	1	0	85	299	345	0	17	306	345	0	17	306	0	0	0	0	0	0	0	
1200	45	0	45	0	60	0	56	0	0	0	0	0	46	0	89	352	37	0	70	348	25	0	54	1	25	0	54	1	0	0	0	0	0	0	0	
1300	100	0	101	0	152	0	143	0	0	0	0	0	43	0	79	4	34	0	63	7	19	0	35	5	19	0	35	5	0	0	0	0	0	0	0	
1400	38	0	42	0	57	0	57	0	0	0	0	0	78	0	116	36	69	0	111	39	60	0	84	34	60	0	84	34	0	0	0	0	0	0	0	
1500	57	0	60	0	75	0	71	0	0	0	0	0	48	0	94	5	39	0	66	6	24	0	46	359	24	0	46	359	0	0	0	0	0	0	0	
1600	73	0	69	0	94	0	88	0	0	0	0	0	105	0	142	72	99	0	129	67	91	0	116	75	91	0	116	75	0	0	0	0	0	0	0	
1700	72	0	73	0	95	0	89	0	0	0	0	0	128	0	156	99	123	0	148	95	116	0	133	93	116	0	133	93	0	0	0	0	0	0	0	
1800	62	0	69	0	126	0	121	0	0	0	0	0	136	0	170	95	135	0	152	117	140	0	145	135	140	0	145	135	0	0	0	0	0	0	0	
1900	66	0	66	0	171	0	167	0	0	0	0	0	152	0	234	114	146	0	177	120	156	0	159	153	156	0	159	153	0	0	0	0	0	0	0	
2000	73	0	74	0	183	0	182	0	0	0	0	0	155	0	230	96	152	0	196	96	164	0	171	158	164	0	171	158	0	0	0	0	0	0	0	
2100	64	0	64	0	169	0	148	0	0	0	0	0	192	0	246	96	183	0	234	132	181	0	189	171	181	0	189	171	0	0	0	0	0	0	0	
2200	60	0	53	0	110	0	95	0	0	0	0	0	240	0	290	200	234	0	308	185	212	0	235	190	212	0	235	190	0	0	0	0	0	0	0	
2300	64	0	67	0	99	0	97	0	0	0	0	0	345	0	27	282	336	0	11	281	340	0	356	327	340	0	356	327	0	0	0	0	0	0	0	
2400	12	0	13	0	22	0	19	0	0	0	0	0	110	3	179	3	108	3	172	6	246	5	278	220	246	5	278	220	0	0	0	0	0	0	0	

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
	30 A	30 B	30 A	30 B	180A	180B	5	5	5	5	180A	180B	5	5	180A	180B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
100	657	0	651	0	651	0	655	0	320	2	320	2	-4	0	2	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	11	0
200	610	0	603	0	608	0	612	0	320	2	320	2	0	0	7	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
300	633	0	628	0	630	0	631	0	320	2	320	2	-2	0	4	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
400	633	0	626	0	628	0	630	0	320	2	320	2	-4	0	2	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
500	624	0	619	0	624	0	628	0	320	2	320	2	2	0	7	0	0	0	0	0	340	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
600	617	0	612	0	621	0	624	0	320	2	320	2	7	0	13	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
700	624	0	619	0	624	0	626	0	320	2	320	2	2	0	7	0	0	0	0	0	381	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
800	622	0	619	0	619	0	621	0	320	2	320	2	-4	0	2	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
900	576	0	572	0	567	0	568	0	320	2	320	2	-9	0	-2	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1000	585	0	581	0	572	0	576	0	320	2	320	2	-13	0	-5	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1100	572	0	568	0	552	0	556	0	320	2	320	2	-20	0	-13	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1200	556	0	550	0	541	0	543	0	320	2	320	2	-14	0	-7	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1300	538	0	536	0	522	0	525	0	320	2	320	2	-16	0	-9	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1400	567	0	561	0	540	0	543	0	320	2	320	2	-25	0	-18	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1500	556	0	550	0	536	0	540	0	320	2	320	2	-18	0	-11	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1600	570	0	565	0	554	0	558	0	320	2	320	2	-14	0	-7	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1700	581	0	576	0	570	0	572	0	320	2	320	2	-11	0	-4	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1800	590	0	585	0	597	0	601	0	320	2	320	2	7	0	14	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
1900	597	0	592	0	639	0	642	0	320	2	320	2	43	0	50	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
2000	624	0	621	0	655	0	657	0	320	2	320	2	29	0	36	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
2100	640	0	633	0	648	0	649	0	320	2	320	2	9	0	14	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
2200	626	0	621	0	631	0	635	0	320	2	320	2	7	0	14	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
2300	549	0	543	0	536	0	538	0	320	2	320	2	-11	0	-4	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
2400	547	0	543	0	550	0	552	0	320	2	320	2	4	0	9	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0

[illegible]

	AMB. TEM1		AMS. YEN2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A S	30	B S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	550	0	545	0	556	0	539	0	320	2	320	2	7	0	14	0	0	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
200	552	0	547	0	556	0	539	0	320	2	320	2	4	0	11	0	0	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
300	541	0	538	0	525	0	527	0	320	2	320	2	-16	0	-11	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0
400	522	0	516	0	509	0	513	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
500	511	0	505	0	496	0	498	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
600	505	0	500	0	493	0	496	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	15	0
700	493	0	489	0	482	0	486	0	320	2	320	2	-11	0	-4	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	18	0
800	482	0	478	0	473	0	475	0	320	2	320	2	-11	0	-4	0	0	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
900	482	0	477	0	473	0	475	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	21	0
1000	477	0	475	0	466	0	469	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	21	0
1100	480	0	475	0	469	0	471	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	23	0
1200	480	0	475	0	469	0	471	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	24	0
1300	482	0	478	0	469	0	473	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	26	0
1400	478	0	475	0	466	0	469	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	27	0
1500	482	0	477	0	473	0	473	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1600	478	0	475	0	469	0	471	0	320	2	320	2	-11	0	-4	0	0	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	30	0
1700	482	0	477	0	473	0	475	0	320	2	320	2	-9	0	-2	0	0	0	0	0	0	0	345	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1800	487	0	482	0	477	0	480	0	320	2	320	2	-9	0	-2	0	0	0	0	0	0	0	327	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
1900	489	0	486	0	482	0	484	0	320	2	320	2	-9	0	2	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2000	495	0	491	0	487	0	489	0	320	2	320	2	-9	0	2	0	0	0	0	0	0	0	322	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2100	498	0	495	0	489	0	493	0	320	2	320	2	-9	0	-2	0	0	0	0	0	0	0	340	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2200	489	0	484	0	480	0	482	0	320	2	320	2	-9	0	-2	0	0	0	0	0	0	0	343	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2300	484	0	480	0	475	0	477	0	320	2	320	2	-9	0	-2	0	0	0	0	0	0	0	333	2	0	2	0	2	0	2	0	2	0	2	0	2	31	0
2400	478	0	475	0	469	0	473	0	320	2	320	2	-9	0	-2	0	0	0	0	0	0	0	325	2	0	2	0	2	0	2	0	2	0	2	0	2	31	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	50	B S	50	B S	150A	S	50	B S	150B	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S
100	61	0	62	0	89	0	85	0	0 0	0 0	103	0	124	68	100	0	135	65	88	0	99	79	88	0	99	79	0 0	0 0	0 0	0 0	0 0	0 0		
200	56	0	60	0	87	0	85	0	0 0	0 0	109	0	143	94	102	0	128	76	90	0	97	84	90	0	97	84	0 0	0 0	0 0	0 0	0 0	0 0		
300	57	0	62	0	90	0	88	0	0 0	0 0	107	0	124	93	102	0	116	86	92	0	95	89	92	0	95	89	0 0	0 0	0 0	0 0	0 0	0 0		
400	55	0	59	0	91	0	91	0	0 0	0 0	102	0	119	91	98	0	118	76	90	0	97	87	90	0	97	87	0 0	0 0	0 0	0 0	0 0	0 0		
500	60	0	62	0	110	0	108	0	0 0	0 0	99	0	117	77	94	0	120	65	87	0	91	85	87	0	91	85	0 0	0 0	0 0	0 0	0 0	0 0		
600	44	0	49	0	88	0	85	0	0 0	0 0	94	0	117	76	90	0	121	65	80	0	86	73	80	0	86	73	0 0	0 0	0 0	0 0	0 0	0 0		
700	41	0	45	0	66	0	64	0	0 0	0 0	95	0	167	74	91	0	133	73	79	0	89	69	79	0	89	69	0 0	0 0	0 0	0 0	0 0	0 0		
800	42	0	45	0	63	0	62	0	0 0	0 0	102	0	128	75	98	0	135	67	90	0	105	72	90	0	105	72	0 0	0 0	0 0	0 0	0 0	0 0		
900	73	0	71	0	94	0	88	0	0 0	0 0	122	0	164	76	116	0	154	60	112	0	138	93	112	0	138	93	0 0	0 0	0 0	0 0	0 0	0 0		
1000	44	2	49	2	88	2	85	2	0 0	0 0	7	0	142	0	43	0	145	0	38	0	130	0	38	0	130	0	0 0	0 0	0 0	0 0	0 0	0 0		
1100	56	0	64	0	77	0	78	0	0 0	0 0	135	0	179	88	129	0	167	85	130	0	148	104	130	0	148	104	0 0	0 0	0 0	0 0	0 0	0 0		
1200	64	0	69	0	85	0	85	0	0 0	0 0	123	0	144	94	120	0	153	84	115	0	158	78	115	0	158	78	0 0	0 0	0 0	0 0	0 0	0 0		
1300	81	0	86	0	100	0	98	0	0 0	0 0	123	0	150	103	119	0	156	92	113	0	124	99	113	0	124	99	0 0	0 0	0 0	0 0	0 0	0 0		
1400	63	0	69	0	88	0	90	0	0 0	0 0	136	0	187	90	131	0	173	68	130	0	146	98	130	0	146	98	0 0	0 0	0 0	0 0	0 0	0 0		
1500	81	0	89	0	93	0	94	0	0 0	0 0	129	0	154	103	127	0	158	91	120	0	137	107	120	0	137	107	0 0	0 0	0 0	0 0	0 0	0 0		
1600	83	0	83	0	114	0	114	0	0 0	0 0	116	0	135	84	112	0	154	77	108	0	128	92	108	0	128	92	0 0	0 0	0 0	0 0	0 0	0 0		
1700	99	0	106	0	122	0	124	0	0 0	0 0	130	0	151	113	127	0	153	85	117	0	138	98	120	0	131	105	0 0	0 0	0 0	0 0	0 0	0 0		
1800	87	0	89	0	118	0	115	0	0 0	0 0	122	0	142	97	118	0	153	89	110	0	130	92	111	0	123	103	0 0	0 0	0 0	0 0	0 0	0 0		
1900	93	0	95	0	126	0	127	0	0 0	0 0	128	0	150	105	124	0	152	91	119	0	136	102	119	0	132	106	0 0	0 0	0 0	0 0	0 0	0 0		
2000	80	0	0	2	138	0	0	2	0 2	0 2	132	0	122	145	0	2	0	0	110	0	104	117	0	2	0	0	0 2	0	0	0	0	0	2	
2100	80	0	0	2	121	0	0	2	0 2	0 2	134	0	126	145	0	2	0	0	115	0	108	120	0	2	0	0	0 2	0	0	0	0	0	2	
2200	80	0	0	2	144	0	0	2	0 2	0 2	138	0	125	149	0	2	0	0	122	0	117	131	0	2	0	0	0 2	0	0	0	0	0	2	
2300	90	0	0	2	159	0	0	2	0 2	0 2	143	0	119	156	0	2	0	0	124	0	115	134	0	2	0	0	0 2	0	0	0	0	0	2	
2400	102	0	0	2	186	0	0	2	0 2	0 2	138	0	125	154	0	2	0	0	124	0	117	131	0	2	0	0	0 2	0	0	0	0	0	2	

	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	S RAIN S
100	478 0	473 0	466 0	469 0	320 2	320 2	-9 0	-2 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
200	471 0	466 0	464 0	468 0	320 2	320 2	-5 0	2 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
300	459 0	453 0	459 0	460 0	320 2	320 2	0 0	5 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
400	450 0	446 0	455 0	459 0	320 2	320 2	5 0	11 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
500	442 0	437 0	459 0	462 0	320 2	320 2	16 0	23 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
600	453 0	450 0	457 0	460 0	320 2	320 2	4 0	9 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
700	464 0	459 0	457 0	464 0	320 2	320 2	-5 0	4 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
800	466 0	462 0	457 0	460 0	320 2	320 2	-9 0	2 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
900	478 0	475 0	468 0	471 0	320 2	320 2	-9 0	-4 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1000	493 2	487 2	477 2	482 2	320 2	320 2	-16 2	-11 2	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	4 6
1100	505 0	502 0	489 0	493 0	320 2	320 2	-16 0	-11 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	0 6
1200	523 0	522 0	509 0	514 0	320 2	320 2	-18 0	-11 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	520 0	514 0	505 0	509 0	320 2	320 2	-14 0	-7 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	525 0	522 0	514 0	516 0	320 2	320 2	-16 0	-9 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	534 0	529 0	523 0	525 0	320 2	320 2	-13 0	-5 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	543 0	540 0	532 0	534 0	320 2	320 2	-16 0	-9 0	0 0	0 0	325 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	541 0	536 0	529 0	531 0	320 2	320 2	-13 0	-5 0	0 0	0 0	345 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	534 0	531 0	525 0	527 0	320 2	320 2	-11 0	-4 0	0 0	0 0	327 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	531 0	525 0	522 0	522 0	320 2	320 2	-11 0	-4 0	0 0	0 0	343 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	530 0	0 2	0 2	0 2	320 2	320 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
2100	526 0	0 2	0 2	0 2	320 2	320 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
2200	530 0	0 2	0 2	0 2	320 2	320 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
2300	523 0	0 2	0 2	0 2	320 2	320 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
2400	514 0	0 2	0 2	0 2	320 2	320 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

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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	123 0	0 2	215 0	0 2	0 2	0 2	142 0	126	150	0 2	0 0	0 0	128 0	119	132	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
200	138 0	0 2	227 0	0 2	0 2	0 2	144 0	128	160	0 2	0 0	0 0	126 0	119	134	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
300	127 0	0 2	230 0	0 2	0 2	0 2	138 0	120	150	0 2	0 0	0 0	126 0	120	135	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
400	127 0	0 2	227 0	0 2	0 2	0 2	142 0	126	155	0 2	0 0	0 0	133 0	126	141	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
500	136 0	0 2	244 0	0 2	0 2	0 2	141 0	126	156	0 2	0 0	0 0	133 0	123	146	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
600	109 0	0 2	242 0	0 2	0 2	0 2	143 0	129	158	0 2	0 0	0 0	135 0	131	142	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
700	107 0	0 2	240 0	0 2	0 2	0 2	153 0	131	163	0 2	0 0	0 0	140 0	133	147	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
800	86 0	0 2	202 0	0 2	0 2	0 2	159 0	134	185	0 2	0 0	0 0	152 0	143	160	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
900	84 0	0 2	202 0	0 2	0 2	0 2	163 0	131	185	0 2	0 0	0 0	161 0	153	173	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1000	69 0	0 2	182 0	0 2	0 2	0 2	167 0	145	194	0 2	0 0	0 0	168 0	153	179	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1100	59 0	0 2	190 0	0 2	0 2	0 2	169 0	141	186	0 2	0 0	0 0	165 0	160	179	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1200	57 0	0 2	184 0	0 2	0 2	0 2	183 0	154	218	0 2	0 0	0 0	178 0	167	190	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1300	69 0	0 2	182 0	0 2	0 2	0 2	221 0	182	242	0 2	0 0	0 0	189 0	177	203	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1400	80 0	0 2	150 0	0 2	0 2	0 2	240 0	205	267	0 2	0 0	0 0	198 0	186	216	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1500	61 0	0 2	140 0	0 2	0 2	0 2	240 0	216	266	0 2	0 0	0 0	213 0	204	230	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1600	90 0	0 2	150 0	0 2	0 2	0 2	241 0	218	268	0 2	0 0	0 0	224 0	208	235	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1700	107 0	0 2	167 0	0 2	0 2	0 2	243 0	209	270	0 2	0 0	0 0	208 0	194	215	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1800	92 0	0 2	198 0	0 2	0 2	0 2	245 0	222	270	0 2	0 0	0 0	218 0	208	230	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
1900	94 0	0 2	165 0	0 2	0 2	0 2	267 0	245	279	0 2	0 0	0 0	221 0	215	227	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
2000	115 0	0 2	198 0	0 2	0 2	0 2	255 0	242	275	0 2	0 0	0 0	251 0	239	259	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
2100	125 0	0 2	211 0	0 2	0 2	0 2	255 0	235	272	0 2	0 0	0 0	226 0	219	237	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
2200	127 0	0 2	230 0	0 2	0 2	0 2	257 0	228	276	0 2	0 0	0 0	231 0	219	235	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
2300	115 0	0 2	271 0	0 2	0 2	0 2	262 0	252	278	0 2	0 0	0 0	235 0	227	242	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2
2400	75 0	0 2	257 0	0 2	0 2	0 2	325 0	309	341	0 2	0 0	0 0	261 0	253	268	0 2	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 2

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	S RAIN'S
100	513 0	0 2	0 2	0 2	320 2	320 2	-10 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
200	513 0	0 2	0 2	0 2	320 2	320 2	-12 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
300	513 0	0 2	0 2	0 2	320 2	320 2	-12 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
400	520 0	0 2	0 2	0 2	320 2	320 2	-12 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
500	523 0	0 2	0 2	0 2	320 2	320 2	-12 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
600	540 0	0 2	0 2	0 2	320 2	320 2	-10 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
700	564 0	0 2	0 2	0 2	320 2	320 2	-9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
800	577 0	0 2	0 2	0 2	320 2	320 2	-9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
900	594 0	0 2	0 2	0 2	320 2	320 2	-9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1000	635 0	0 2	0 2	0 2	320 2	320 2	-9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1100	669 0	0 2	0 2	0 2	320 2	320 2	-9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1200	710 0	0 2	0 2	0 2	320 2	320 2	-20 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1300	754 0	0 2	0 2	0 2	320 2	320 2	-14 0	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	320 2	320 2	-18 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1500	764 0	0 2	0 2	0 2	320 2	320 2	-18 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1600	788 0	0 2	0 2	0 2	320 2	320 2	-7 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1700	785 0	0 2	0 2	0 2	320 2	320 2	-6 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1800	669 0	0 2	0 2	0 2	320 2	320 2	-3 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1900	686 0	0 2	0 2	0 2	320 2	320 2	3 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2000	683 0	0 2	0 2	0 2	320 2	320 2	4 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2100	696 0	0 2	0 2	0 2	320 2	320 2	9 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2200	632 0	0 2	0 2	0 2	320 2	320 2	2 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2300	594 0	0 2	0 2	0 2	320 2	320 2	39 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2400	591 0	0 2	0 2	0 2	320 2	320 2	10 0	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.

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50 A	S	50 B	S	150A	S	150B	S	50 A	S	50 A	S	50 B	S	50 B	S	150A	S	150A	S	150B	S	150B	S	50 B	S	50 B	S	50 B	S	50 B	S	50 B	S
100	57	0	0	2	182	0	0	2	0	2	0	2	323	0	297	343	0	2	0	0	313	0	304	318	0	2	0	0	0	2	0	0	0	2
200	44	0	0	2	111	0	0	2	0	2	0	2	312	0	291	323	0	2	0	0	306	0	294	314	0	2	0	0	0	2	0	0	0	2
300	63	0	0	2	119	0	0	2	0	2	0	2	305	0	288	318	0	2	0	0	294	0	288	299	0	2	0	0	0	2	0	0	0	2
400	77	0	0	2	157	0	0	2	0	2	0	2	308	0	289	326	0	2	0	0	293	0	288	298	0	2	0	0	0	2	0	0	0	2
500	67	0	0	2	169	0	0	2	0	2	0	2	304	0	288	321	0	2	0	0	293	0	287	296	0	2	0	0	0	2	0	0	0	2
600	73	0	0	2	144	0	0	2	0	2	0	2	307	0	291	323	0	2	0	0	294	0	287	297	0	2	0	0	0	2	0	0	0	2
700	36	0	0	2	152	0	0	2	0	2	0	2	312	0	297	330	0	2	0	0	294	0	287	299	0	2	0	0	0	2	0	0	0	2
800	32	0	0	2	75	0	0	2	0	2	0	2	303	0	280	329	0	2	0	0	295	0	282	304	0	2	0	0	0	2	0	0	0	2
900	0	2	0	2	75	0	0	2	0	2	0	2	329	0	308	358	0	2	0	0	294	0	281	304	0	2	0	0	0	2	0	0	0	2
1000	0	2	0	2	67	0	0	2	0	2	0	2	326	0	302	350	0	2	0	0	296	0	286	307	0	2	0	0	0	2	0	0	0	2
1100	0	2	0	2	86	0	0	2	0	2	0	2	358	0	325	42	0	2	0	0	313	0	300	326	0	2	0	0	0	2	0	0	0	2
1200	0	2	0	2	55	0	0	2	0	2	0	2	306	0	278	331	0	2	0	0	345	0	326	9	0	2	0	0	0	2	0	0	0	2
1300	0	2	0	2	55	0	0	2	0	2	0	2	305	0	281	320	0	2	0	0	299	0	285	314	0	2	0	0	0	2	0	0	0	2
1400	0	2	0	2	65	0	0	2	0	2	0	2	312	0	286	339	0	2	0	0	298	0	287	311	0	2	0	0	0	2	0	0	0	2
1500	0	2	0	2	65	0	0	2	0	2	0	2	311	0	285	331	0	2	0	0	295	0	279	307	0	2	0	0	0	2	0	0	0	2
1600	42	0	0	2	80	0	0	2	0	2	0	2	333	0	307	3	0	2	0	0	296	0	285	307	0	2	0	0	0	2	0	0	0	2
1700	32	0	0	2	88	0	0	2	0	2	0	2	330	0	308	354	0	2	0	0	324	0	308	336	0	2	0	0	0	2	0	0	0	2
1800	19	0	0	2	82	0	0	2	0	2	0	2	356	0	329	25	0	2	0	0	322	0	311	339	0	2	0	0	0	2	0	0	0	2
1900	15	0	0	2	57	0	0	2	0	2	0	2	59	0	38	78	0	2	0	0	341	0	330	359	0	2	0	0	0	2	0	0	0	2
2000	23	0	0	2	46	0	0	2	0	2	0	2	54	0	48	65	0	2	0	0	20	0	15	29	0	2	0	0	0	2	0	0	0	2
2100	42	0	0	2	69	0	0	2	0	2	0	2	90	0	78	96	0	2	0	0	38	0	32	48	0	2	0	0	0	2	0	0	0	2
2200	46	0	0	2	69	0	0	2	0	2	0	2	102	0	92	111	0	2	0	0	53	0	46	61	0	2	0	0	0	2	0	0	0	2
2300	50	0	0	2	125	0	0	2	0	2	0	2	111	0	105	117	0	2	0	0	74	0	69	81	0	2	0	0	0	2	0	0	0	2
2400	46	0	0	2	105	0	0	2	0	2	0	2	110	0	100	116	0	2	0	0	92	0	81	98	0	2	0	0	0	2	0	0	0	2

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
	30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S	30 B	S
100	581	0	0	2	0	2	0	2	320	2	320	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
200	571	0	0	2	0	2	0	2	320	2	320	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
300	567	0	0	2	0	2	0	2	320	2	320	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	574	0	0	2	0	2	0	2	320	2	320	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	550	0	0	2	0	2	0	2	320	2	320	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
600	550	0	0	2	0	2	0	2	320	2	320	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	547	0	0	2	0	2	0	2	320	2	320	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	547	0	0	2	0	2	0	2	320	2	320	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
900	547	0	0	2	0	2	0	2	320	2	320	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	564	0	0	2	0	2	0	2	320	2	320	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
1100	560	0	0	2	0	2	0	2	320	2	320	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
1200	567	0	0	2	0	2	0	2	320	2	320	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
1300	577	0	0	2	0	2	0	2	320	2	320	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
1400	581	0	0	2	0	2	0	2	320	2	320	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
1500	605	0	0	2	0	2	0	2	320	2	320	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
1600	581	0	0	2	0	2	0	2	320	2	320	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
1700	571	0	0	2	0	2	0	2	320	2	320	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
1800	547	0	0	2	0	2	0	2	320	2	320	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
1900	533	0	0	2	0	2	0	2	320	2	320	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	520	0	0	2	0	2	0	2	320	2	320	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
2100	513	0	0	2	0	2	0	2	320	2	320	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
2200	509	0	0	2	0	2	0	2	320	2	320	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
2300	509	0	0	2	0	2	0	2	320	2	320	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
2400	523	0	0	2	0	2	0	2	320	2	320	2	43	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2

	WIND SPD1 50 A S	WIND SPD2 50 K S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX 108	WIND DIR2	MIN 150A S	MAX 150B S	WIND DIR3	MIN 150B S	MAX 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	38 0	0 2	96 0	0 2	0 2	0 2	100 0	92	108	0 2	0 0	79 0	73	88	0 2	0 0	0 2	0 0	0 2	0 0	0 0	0 2	0 0	0 2
200	34 0	0 2	75 0	0 2	0 2	0 2	135 0	123	141	0 2	0 0	65 0	57	70	0 2	0 0	0 2	0 0	0 2	0 0	0 0	0 2	0 0	0 2
300	34 0	0 2	59 0	0 2	0 2	0 2	176 0	165	195	0 2	0 0	61 0	51	73	0 2	0 0	0 2	0 0	0 2	0 0	0 0	0 2	0 0	0 2
400	25 0	0 2	52 0	0 2	0 2	0 2	141 0	117	158	0 2	0 0	142 0	135	149	0 2	0 0	0 2	0 0	0 2	0 0	0 0	0 2	0 0	0 2
500	21 0	57 0	75 0	91 0	0 0	0 0	336 0	322	350	53 0	90 12	111 0	102	123	44 0	63 30	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	34 0	0 2	30 0	0 2	0 0	0 0	15 0	357	35	0 2	0 0	100 0	84	116	0 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	30 0	0 2	77 0	0 2	0 0	0 0	54 0	45	71	0 2	0 0	320 0	313	335	0 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	19 0	0 2	63 0	0 2	0 0	0 0	66 0	57	81	0 2	0 0	6 0	357	16	0 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	40 0	53 0	80 0	60 0	0 0	0 0	61 0	99	26	51 0	103 4	41 0	169	2	31 0	75 348	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	42 0	50 0	56 0	57 0	0 0	0 0	45 0	93	310	36 0	108 317	36 0	77	8	27 0	66 355	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	32 0	39 0	39 0	43 0	0 0	0 0	91 0	151	23	82 0	168 1	101 0	177	63	88 0	135 40	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	42 0	47 0	49 0	51 0	0 0	0 0	345 0	26	270	336 0	73 279	352 0	34	302	352 0	34 302	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	70 0	74 0	95 0	97 0	0 0	0 0	350 0	38	292	339 0	31 286	343 0	10	323	343 0	10 323	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	27 0	33 0	40 0	42 0	0 0	0 0	7 3	138	280	0 0	79 276	353 0	60	299	353 0	60 299	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	45 0	51 0	56 0	59 0	0 0	0 0	336 0	11	299	322 0	355 255	327 0	349	308	327 0	349 308	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	41 0	45 0	80 0	82 0	0 0	0 0	28 0	143	297	16 0	80 288	355 0	29	329	355 0	29 329	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	51 0	55 0	70 0	59 0	0 0	0 0	47 0	87	14	36 0	76 0	24 0	48	3	24 0	48 3	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	30 0	36 0	50 0	52 0	0 0	0 0	49 3	97	7	42 0	103 5	30 0	64	356	30 0	64 356	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	54 0	58 0	81 0	81 0	0 0	0 0	44 0	89	24	36 0	80 5	20 0	34	3	20 0	34 3	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	36 0	44 0	60 0	64 0	0 0	0 0	57 0	82	32	50 0	102 12	37 0	55	20	37 0	55 20	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	59 0	65 0	97 0	93 0	0 0	0 0	98 0	122	70	92 0	125 54	71 0	78	64	71 0	78 64	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	37 0	48 0	65 0	76 0	0 0	0 0	66 0	89	49	58 0	85 18	42 0	54	32	42 0	54 32	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	47 0	52 0	77 0	77 0	0 0	0 0	30 0	64	348	21 0	64 341	11 0	23	352	11 0	23 352	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	31 0	37 0	50 0	52 0	0 0	0 0	37 0	90	8	25 0	97 337	32 0	74	9	32 0	74 9	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

	AMB. TEM1			AMS. TEN2			AMB. TEM3			AMB. TEM4			AMB. TEM5			AMB. TEMP6			D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	30	A	S	30	B	S	180A	S	180B	S		S		S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S		S	</

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.

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6 S
100	55 0	50 0	89 0	89 0	0 0	0 0	358 0	44	324	346 0	65	285	344 0	19	323	344 0	19	323	0 0	0 0	0 0	0 0
200	25 0	31 0	36 0	40 0	0 0	0 0	306 0	348	236	295 0	352	203	308 0	338	286	308 0	338	286	0 0	0 0	0 0	0 0
300	79 0	81 0	105 0	112 0	0 0	0 0	290 0	340	247	280 0	332	232	281 0	311	250	281 0	311	250	0 0	0 0	0 0	0 0
400	133 0	131 0	168 0	178 0	0 0	0 0	300 0	319	267	289 0	333	244	284 0	298	264	284 0	298	264	0 0	0 0	0 0	0 0
500	201 0	202 0	263 0	262 0	0 0	0 0	315 0	332	292	305 0	338	262	299 0	303	293	299 0	303	293	0 0	0 0	0 0	0 0
600	113 0	118 0	167 0	172 0	0 0	0 0	327 0	354	289	313 0	356	241	315 0	332	292	315 0	332	292	0 0	0 0	0 0	0 0
700	135 0	139 0	192 0	191 0	0 0	0 0	311 0	335	286	301 0	336	266	298 0	308	291	298 0	308	291	0 0	0 0	0 0	0 0
800	107 0	114 0	149 0	158 0	0 0	0 0	297 0	339	254	287 0	359	222	283 0	304	262	283 0	304	262	0 0	0 0	0 0	0 0
900	140 0	145 0	183 0	185 0	0 0	0 0	278 0	305	242	265 0	325	213	266 0	296	247	266 0	296	247	0 0	0 0	0 0	0 0
1000	161 0	169 0	206 0	218 0	0 0	0 0	274 0	298	228	266 0	314	230	256 0	266	248	256 0	266	248	0 0	0 0	0 0	0 0
1100	147 0	151 0	189 0	185 0	0 0	0 0	281 0	316	247	269 0	325	223	268 0	299	239	268 0	299	239	0 0	0 0	0 0	0 0
1200	119 0	121 0	160 0	167 0	0 0	0 0	276 0	302	252	267 0	315	232	265 0	282	248	265 0	282	248	0 0	0 0	0 0	0 0
1300	126 0	134 0	156 0	166 0	0 0	0 0	275 0	308	252	265 0	304	241	262 0	278	250	262 0	278	250	0 0	0 0	0 0	0 0
1400	84 0	89 0	100 0	96 0	0 0	0 0	271 0	301	230	263 0	320	217	245 0	264	217	245 0	264	217	0 0	0 0	0 0	0 0
1500	92 0	86 0	123 0	122 0	0 0	0 0	257 0	284	232	247 0	300	205	242 0	250	235	242 0	250	235	0 0	0 0	0 0	0 0
1600	84 0	75 0	99 0	96 0	0 0	0 0	253 0	275	234	244 0	286	208	241 0	248	221	241 0	248	221	0 0	0 0	0 0	0 0
1700	47 0	45 0	65 0	59 0	0 0	0 0	243 0	273	209	236 0	282	189	223 0	249	202	223 0	249	202	0 0	0 0	0 0	0 0
1800	51 0	51 0	98 0	89 0	0 0	0 0	213 0	243	144	206 0	245	151	209 0	225	192	209 0	225	192	0 0	0 0	0 0	0 0
1900	75 0	62 0	141 0	132 0	0 0	0 0	225 0	252	202	217 0	262	174	212 0	220	205	212 0	220	205	0 0	0 0	0 0	0 0
2000	93 0	85 0	155 0	139 0	0 0	0 0	232 0	264	195	222 0	271	184	215 0	230	200	215 0	230	200	0 0	0 0	0 0	0 0
2100	130 0	114 0	203 0	182 0	0 0	0 0	235 0	279	195	228 0	274	182	217 0	231	200	217 0	231	200	0 0	0 0	0 0	0 0
2200	171 0	165 0	261 0	245 0	0 0	0 0	261 0	292	230	251 0	296	190	239 0	260	213	239 0	260	213	0 0	0 0	0 0	0 0
2300	158 0	165 0	229 0	221 0	0 0	0 0	33 0	61	328	23 0	65	331	7 0	32	349	7 0	32	349	0 0	0 0	0 0	0 0
2400	110 0	117 0	152 0	147 0	0 0	0 0	38 0	63	335	30 0	73	314	10 0	27	348	10 0	27	348	0 0	0 0	0 0	0 0

	AMB. TEM1 30 A S	AMB. TEM2 50 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	S RAIN S
100	547 0	543 0	538 0	540 0	320 2	320 2	-7 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
200	538 0	534 0	529 0	532 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
300	538 0	534 0	531 0	534 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
400	529 0	523 0	520 0	522 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
500	527 0	523 0	516 0	518 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
600	523 0	512 0	514 0	516 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
700	518 0	514 0	511 0	514 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
800	522 0	520 0	520 0	523 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
900	532 0	529 0	520 0	522 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1000	540 0	538 0	532 0	532 0	320 2	320 2	-18 0	-13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1100	545 0	541 0	523 0	525 0	320 2	320 2	-20 0	-16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1200	545 0	541 0	532 0	527 0	320 2	320 2	-25 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1300	552 0	547 0	525 0	515 0	320 2	320 2	-25 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1400	568 0	565 0	547 0	547 0	320 2	320 2	-22 0	-18 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1500	577 0	576 0	559 0	559 0	320 2	320 2	-23 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1600	579 0	576 0	572 0	572 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1700	588 0	593 0	572 0	574 0	320 2	320 2	-14 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1800	565 0	559 0	574 0	577 0	320 2	320 2	11 0	18 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1900	563 0	558 0	586 0	588 0	320 2	320 2	22 0	29 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2000	574 0	575 0	581 0	583 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2100	590 0	585 0	585 0	588 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2200	586 0	581 0	581 0	583 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2300	511 0	505 0	498 0	502 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2400	493 0	485 0	484 0	437 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 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.

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	50	A	S	50	B	S	150A	S	150B	S		50	A	S		50	A	S		50	B	S		150A	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B

AMB. TEM1		AMS. TEM2		AMB. TEM3		AMS. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	30	B	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	500	0	495	0	489	0	473	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
200	484	0	480	0	473	0	475	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
300	471	0	469	0	459	0	462	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
400	460	0	455	0	450	0	453	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
500	455	0	450	0	446	0	448	0	320	2	320	2	-7	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
600	448	0	444	0	442	0	444	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
700	446	0	442	0	441	0	442	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
800	450	0	446	0	439	0	442	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
900	462	0	459	0	448	0	450	0	320	2	320	2	-16	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1000	475	0	473	0	464	0	462	0	320	2	320	2	-22	0	-16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1100	487	0	486	0	464	0	466	0	320	2	320	2	-31	0	-27	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1200	500	0	496	0	469	0	471	0	320	2	320	2	-31	0	-25	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1300	507	0	504	0	464	0	466	0	320	2	320	2	-41	0	-38	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1400	505	0	504	0	464	0	466	0	320	2	320	2	-41	0	-38	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1500	502	0	500	0	477	0	475	0	320	2	320	2	-36	0	-34	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1600	502	0	498	0	471	0	471	0	320	2	320	2	-32	0	-31	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1700	489	0	486	0	473	0	473	0	320	2	320	2	-20	0	-16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1800	451	0	446	0	448	0	450	0	320	2	320	2	-4	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
1900	426	0	424	0	442	0	446	0	320	2	320	2	16	0	22	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
2000	424	0	421	0	439	0	442	0	320	2	320	2	16	0	22	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
2100	410	0	405	0	435	0	437	0	320	2	320	2	25	0	32	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
2200	405	0	401	0	441	0	442	0	320	2	320	2	34	0	41	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
2300	397	0	394	0	432	0	435	0	320	2	320	2	34	0	41	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	0
2400	388	0	385	0	423	0	424	0	320	2	320	2	34	0	40	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	28	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	S	50	A S	S			50	B S			150A	S			150B	S			S			S			
100	98	0	112	0	185	0	179	0	0	0	0	0	136	0	160	120	131	0	163	112	136	0	143	133	136	0	143	133	0	0	0	0	0	0
200	86	0	99	0	187	0	184	0	0	0	0	0	138	0	157	119	134	0	180	96	145	0	151	139	145	0	151	139	0	0	0	0	0	0
300	98	0	113	0	200	0	196	0	0	0	0	0	137	0	157	121	134	0	163	101	141	0	144	138	141	0	144	138	0	0	0	0	0	0
400	99	0	110	0	200	0	197	0	0	0	0	0	136	0	156	123	131	0	170	93	145	0	150	134	145	0	150	134	0	0	0	0	0	0
500	98	0	111	0	175	0	173	0	0	0	0	0	131	0	145	118	129	0	149	104	144	0	150	136	144	0	150	136	0	0	0	0	0	0
600	95	0	104	0	220	0	220	0	0	0	0	0	138	0	156	119	132	0	176	100	150	0	156	146	150	0	156	146	0	0	0	0	0	0
700	105	0	110	0	218	0	217	0	0	0	0	0	141	0	172	114	139	0	188	102	151	0	158	143	151	0	158	143	0	0	0	0	0	0
800	98	0	105	0	196	0	196	0	0	0	0	0	142	0	168	117	135	0	181	96	148	0	155	139	148	0	155	139	0	0	0	0	0	0
900	96	0	97	0	186	0	192	0	0	0	0	0	147	0	184	109	144	0	191	93	153	0	167	140	153	0	167	140	0	0	0	0	0	0
1000	108	0	95	0	200	0	200	0	0	0	0	0	158	0	237	118	154	0	235	99	158	0	173	144	158	0	173	144	0	0	0	0	0	0
1100	99	0	110	0	170	0	171	0	0	0	0	0	150	0	188	107	143	0	208	95	152	0	169	137	152	0	169	137	0	0	0	0	0	0
1200	75	0	83	0	129	0	132	0	0	0	0	0	150	0	188	113	143	0	184	101	148	0	166	135	148	0	166	135	0	0	0	0	0	0
1300	75	0	79	0	130	0	139	0	0	0	0	0	144	0	201	101	141	0	200	91	147	0	168	119	147	0	168	119	0	0	0	0	0	0
1400	91	0	95	0	160	0	162	0	0	0	0	0	147	0	212	99	143	0	227	95	148	0	173	128	148	0	173	128	0	0	0	0	0	0
1500	105	0	106	0	197	0	199	0	0	0	0	0	147	0	228	96	141	0	220	93	149	0	165	137	149	0	165	137	0	0	0	0	0	0
1600	87	0	96	0	170	0	171	0	0	0	0	0	154	0	189	105	148	0	240	101	151	0	166	139	151	0	166	139	0	0	0	0	0	0
1700	85	0	90	0	169	0	171	0	0	0	0	0	153	0	250	109	147	0	184	96	150	0	170	135	150	0	170	135	0	0	0	0	0	0
1800	54	0	62	0	119	0	121	0	0	0	0	0	154	0	197	121	148	0	186	98	154	0	164	147	154	0	164	147	0	0	0	0	0	0
1900	62	0	71	0	135	0	136	0	0	0	0	0	142	0	166	115	140	0	170	94	149	0	155	143	149	0	155	143	0	0	0	0	0	0
2000	70	0	84	0	156	0	157	0	0	0	0	0	141	0	158	111	138	0	176	108	146	0	153	140	146	0	153	140	0	0	0	0	0	0
2100	76	0	84	0	169	0	172	0	0	0	0	0	141	0	186	102	138	0	171	110	148	0	153	145	148	0	153	145	0	0	0	0	0	0
2200	81	0	83	0	184	0	185	0	0	0	0	0	150	0	185	113	144	0	208	106	155	0	160	151	155	0	160	151	0	0	0	0	0	0
2300	83	0	92	0	176	0	179	0	0	0	0	0	162	0	214	113	154	0	231	96	166	0	175	158	166	0	175	158	0	0	0	0	0	0
2400	79	0	76	0	193	0	173	0	0	0	0	0	185	0	259	132	179	0	266	106	179	0	194	166	179	0	194	166	0	0	0	0	0	0

	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	B RAIN S
100	403 0	397 0	417 0	421 0	320 2	320 2	16 0	22 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
200	399 0	390 0	417 0	421 0	320 2	320 2	18 0	25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
300	408 0	403 0	428 0	430 0	320 2	320 2	20 0	27 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
400	414 0	410 0	437 0	441 0	320 2	320 2	25 0	31 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
500	406 0	403 0	423 0	426 0	320 2	320 2	14 0	22 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
600	432 0	426 0	453 0	457 0	320 2	320 2	22 0	29 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
700	435 0	450 0	466 0	468 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0
800	464 0	460 0	466 0	468 0	320 2	320 2	-2 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 6
900	504 0	500 0	504 0	502 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1000	547 0	549 0	559 0	556 0	320 2	320 2	-16 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1100	601 0	595 0	574 0	577 0	320 2	320 2	-27 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1200	612 0	606 0	594 0	595 0	320 2	320 2	-18 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1300	649 0	646 0	646 0	639 0	320 2	320 2	-23 0	-18 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1400	669 0	666 0	648 0	649 0	320 2	320 2	-23 0	-16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1500	684 0	690 0	676 0	673 0	320 2	320 2	-20 0	-13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1600	696 0	693 0	680 0	680 0	320 2	320 2	-20 0	-13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1700	685 0	680 0	673 0	675 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1800	655 0	649 0	655 0	657 0	320 2	320 2	0 0	7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
1900	628 0	622 0	635 0	637 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2000	606 0	601 0	613 0	617 0	320 2	320 2	7 0	16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2100	594 0	589 0	606 0	608 0	320 2	320 2	13 0	20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2200	585 0	581 0	603 0	606 0	320 2	320 2	18 0	25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2300	588 0	585 0	590 0	594 0	320 2	320 2	2 0	9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
2400	592 0	586 0	601 0	603 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	50	A S	50	B S	150A	S	150B	S		S	50	A	S			50	B	S			150A	S			150B	S			150B	S			150B	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

	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	610 0	604 0	617 0	619 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
200	622 0	619 0	624 0	626 0	320 2	320 2	0 0	9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
300	606 0	603 0	624 0	628 0	320 2	320 2	18 0	25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
400	603 0	597 0	626 0	630 0	320 2	320 2	23 0	31 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
500	610 0	606 0	633 0	635 0	320 2	320 2	23 0	31 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
600	615 0	612 0	644 0	646 0	320 2	320 2	29 0	36 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
700	603 0	597 0	606 0	608 0	320 2	320 2	4 0	11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0
800	595 0	590 0	592 0	594 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
900	592 0	588 0	590 0	592 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	41 0
1000	601 0	595 0	595 0	599 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	41 0
1100	606 0	603 0	604 0	606 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	41 0
1200	622 0	617 0	613 0	617 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	42 0
1300	637 0	633 0	628 0	630 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	43 0
1400	639 0	633 0	628 0	628 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	46 0
1500	642 0	639 0	633 0	637 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	49 0
1600	644 0	635 0	639 0	637 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	54 0
1700	646 0	640 0	640 0	640 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	62 0
1800	651 0	643 0	644 0	648 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	66 0
1900	648 0	642 0	642 0	646 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	68 0
2000	649 0	646 0	646 0	649 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	73 0
2100	649 0	646 0	644 0	648 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	78 0
2200	655 0	649 0	646 0	648 0	320 2	320 2	-9 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	91 0
2300	639 0	633 0	635 0	637 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	103 0
2400	633 0	630 0	628 0	630 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	105 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX 50 B S			WIND DIR2			MIN MAX 150A S			WIND DIR3			MIN MAX 150B S			WIND DIR4			MIN MAX S			WIND DIR5			MIN MAX S			WIND DIR6		
	50	A	S	50	B	S	150A	B	150B	S				50	A	S	50	A	S	107	133	84	103	0	149	70	111	0	127	90	111	0	127	90	0	0	0	0	0	0	0	0	0	0	0	0					
100	34	0		37	0		38	0	39	0	0	0	0	0	0		0	0	0	107	0	133	84	103	0	149	70	111	0	127	90	111	0	127	90	0	0	0	0	0	0	0	0	0	0	0					
200	36	0		40	0		82	0	72	0	0	0	0	0	0		0	0	0	159	0	199	138	155	0	207	128	187	0	203	168	187	0	203	168	0	0	0	0	0	0	0	0	0	0	0					
300	75	0		70	0		127	0	114	0	0	0	0	0	0		0	0	0	236	0	267	194	227	0	266	173	217	0	233	198	217	0	233	198	0	0	0	0	0	0	0	0	0	0	0					
400	78	0		72	0		133	0	117	0	0	0	0	0	0		0	0	0	233	0	297	184	227	0	292	180	214	0	231	191	214	0	231	191	0	0	0	0	0	0	0	0	0	0	0					
500	116	0		113	0		228	0	215	0	0	0	0	0	0		0	0	0	261	0	294	234	250	0	297	202	250	0	258	246	250	0	258	246	0	0	0	0	0	0	0	0	0	0	0					
600	76	0		75	0		116	0	110	0	0	0	0	0	0		0	0	0	257	0	294	222	245	0	285	213	240	0	254	226	240	0	254	226	0	0	0	0	0	0	0	0	0	0	0					
700	57	0		64	0		87	0	87	0	0	0	0	0	0		0	0	0	29	0	74	295	18	0	65	275	23	0	43	326	23	0	43	326	0	0	0	0	0	0	0	0	0	0	0					
800	95	0		107	0		129	0	144	0	0	0	0	0	0		0	0	0	64	0	98	35	55	0	95	13	48	0	70	30	48	0	70	30	0	0	0	0	0	0	0	0	0	0						
900	98	0		113	0		140	0	150	0	0	0	0	0	0		0	0	0	77	0	106	43	73	0	106	27	62	0	81	38	62	0	81	38	0	0	0	0	0	0	0	0	0	0	0					
1000	80	0		96	0		115	0	122	0	0	0	0	0	0		0	0	0	82	0	130	47	75	0	120	27	61	0	83	32	61	0	83	32	0	0	0	0	0	0	0	0	0	0	0	0				
1100	73	0		87	0		107	0	112	0	0	0	0	0	0		0	0	0	72	0	113	33	65	0	102	30	57	0	87	28	57	0	87	28	0	0	0	0	0	0	0	0	0	0	0	0				
1200	101	0		108	0		133	0	128	0	0	0	0	0	0		0	0	0	92	0	116	73	86	0	135	44	77	0	105	61	77	0	105	61	0	0	0	0	0	0	0	0	0	0	0					
1300	65	0		72	0		91	0	91	0	0	0	0	0	0		0	0	0	87	0	128	62	82	0	121	42	73	0	95	51	73	0	95	51	0	0	0	0	0	0	0	0	0	0	0					
1400	68	0		75	0		82	0	90	0	0	0	0	0	0		0	0	0	66	0	112	25	58	0	114	12	52	0	73	26	52	0	73	26	0	0	0	0	0	0	0	0	0	0	0					
1500	82	0		84	0		110	0	106	0	0	0	0	0	0		0	0	0	96	0	129	64	90	0	141	54	79	0	93	56	79	0	93	56	0	0	0	0	0	0	0	0	0	0	0					
1600	71	0		0	2		121	0	0	2	0	2	0	2	0		102	0	90	120	0	2	0	0	2	0	0	86	0	77	98	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
1700	57	0		0	2		125	0	0	2	0	2	0	2	0		81	0	60	96	0	2	0	0	2	0	0	82	0	71	90	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
1800	57	0		0	2		163	0	0	2	0	2	0	2	0		89	0	73	110	0	2	0	0	2	0	0	93	0	86	102	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
1900	50	0		0	2		138	0	0	2	0	2	0	2	0		89	0	71	105	0	2	0	0	2	0	0	96	0	87	100	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
2000	84	0		0	2		117	0	0	2	0	2	0	2	0		105	0	90	123	0	2	0	0	2	0	0	91	0	83	99	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
2100	69	0		0	2		138	0	0	2	0	2	0	2	0		107	0	88	118	0	2	0	0	2	0	0	84	0	77	89	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
2200	48	0		0	2		152	0	0	2	0	2	0	2	0		101	0	87	115	0	2	0	0	2	0	0	89	0	83	98	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
2300	52	0		0	2		146	0	0	2	0	2	0	2	0		104	0	89	110	0	2	0	0	2	0	0	97	0	87	102	0	2	0	0	0	2	0	0	0	0	0	2	0	0						
2400	77	0		0	2		146	0	0	2	0	2	0	2	0		102	0	92	118	0	2	0	0	2	0	0	102	0	92	111	0	2	0	0	0	2	0	0	0	0	0	2	0	0						

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S			
	30 A	S	30 B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		S		
100	631	0	628	0	633	0	631	0	320	2	320	2	-4	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
200	633	0	630	0	642	0	646	0	320	2	320	2	7	0	14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
300	638	0	635	0	657	0	658	0	320	2	320	2	-4	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
400	658	0	655	0	655	0	657	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
500	606	0	603	0	622	0	624	0	320	2	320	2	14	0	22	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
600	576	0	572	0	568	0	570	0	320	2	320	2	-9	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
700	574	0	570	0	568	0	572	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
800	579	0	574	0	570	0	574	0	320	2	320	2	-9	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
900	581	0	576	0	572	0	574	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1000	583	0	577	0	577	0	583	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1100	588	0	583	0	581	0	583	0	320	2	320	2	-7	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1200	592	0	588	0	581	0	583	0	320	2	320	2	-13	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1300	599	0	595	0	586	0	590	0	320	2	320	2	-13	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1400	612	0	606	0	597	0	599	0	320	2	320	2	-16	0	-7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1500	622	0	617	0	606	0	608	0	320	2	320	2	-18	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1600	608	0	0	2	0	2	0	2	320	2	320	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	0	2
1700	608	0	0	2	0	2	0	2	320	2	320	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	0	2
1800	598	0	0	2	0	2	0	2	320	2	320	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	0	2
1900	591	0	0	2	0	2	0	2	320	2	320	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	0	2
2000	584	0	0	2	0	2	0	2	320	2	320	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	0	2
2100	581	0	0	2	0	2	0	2	320	2	320	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	0	2
2200	567	0	0	2	0	2	0	2	320	2	320	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	0	2
2300	554	0	0	2	0	2	0	2	320	2	320	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	0	2
2400	557	0	0	2	0	2	0	2	320	2	320	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	0	2

[illegible]

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		S
	30	A S	30	B S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S	RAIN	S	
100	557	0		0 2	0 2		0 2		320	2	320	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	
200	547	0		0 2	0 2		0 2		320	2	320	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	
300	547	0		0 2	0 2		0 2		320	2	320	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	540	0		0 2	0 2		0 2		320	2	320	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	
500	530	0		0 2	0 2		0 2		320	2	320	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	530	0		0 2	0 2		0 2		320	2	320	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	
700	526	0		0 2	0 2		0 2		320	2	320	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	
800	526	0		0 2	0 2		0 2		320	2	320	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	523	0		0 2	0 2		0 2		320	2	320	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	540	0		0 2	0 2		0 2		320	2	320	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	
1100	530	0		0 2	0 2		0 2		320	2	320	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	547	0		0 2	0 2		0 2		320	2	320	2	-19	0		0 2		0 2		0 2		0 2		0 2		0 2		0 2		0 2		0 2		0 2		0 2	
1300	533	0		0 2	0 2		0 2		320	2	320	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	564	0		0 2	0 2		0 2		320	2	320	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	574	0		0 2	0 2		0 2		320	2	320	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	
1600	574	0		0 2	0 2		0 2		320	2	320	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	
1700	574	0		0 2	0 2		0 2		320	2	320	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	
1800	564	0		0 2	0 2		0 2		320	2	320	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	543	0		0 2	0 2		0 2		320	2	320	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	
2000	537	0		0 2	0 2		0 2		320	2	320	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	537	0		0 2	0 2		0 2		320	2	320	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	530	0		0 2	0 2		0 2		320	2	320	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	526	0		0 2	0 2		0 2		320	2	320	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	
2400	513	0		0 2	0 2		0 2		320	2	320	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	

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

[illegible]

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
	30	A	30	A	180A	B	180B	S	S	S	S	S	180A	B	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
100	496	0	0	2	0	2	0	2	320	2	320	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
200	496	0	0	2	0	2	0	2	320	2	320	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
300	499	0	0	2	0	2	0	2	320	2	320	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
400	492	0	0	2	0	2	0	2	320	2	320	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
500	469	0	0	2	0	2	0	2	320	2	320	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	475	0	0	2	0	2	0	2	320	2	320	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
700	472	0	0	2	0	2	0	2	320	2	320	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
800	479	0	475	2	466	2	468	2	320	2	320	2	-12	0	-5	2	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
900	507	0	502	0	491	0	493	0	320	2	320	2	-16	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1000	541	0	536	0	529	0	527	0	320	2	320	2	-22	0	-16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1100	576	0	575	0	570	0	563	0	320	2	320	2	-25	0	-18	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1200	579	0	577	0	567	0	565	0	320	2	320	2	-16	0	-14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1300	568	0	563	0	536	0	538	0	320	2	320	2	-31	0	-25	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1400	583	0	577	0	563	0	563	0	320	2	320	2	-29	0	-22	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1500	586	0	591	0	576	0	574	0	320	2	320	2	-22	0	-16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1600	597	0	594	0	579	0	581	0	320	2	320	2	-18	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1700	585	0	581	0	579	0	577	0	320	2	320	2	-16	0	-7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1800	558	0	554	0	559	0	559	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1900	532	0	527	0	531	0	534	0	320	2	320	2	0	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
2000	518	0	513	0	520	0	522	0	320	2	320	2	4	0	11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
2100	505	0	500	0	527	0	525	0	320	2	320	2	9	0	16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
2200	504	0	498	0	511	0	514	0	320	2	320	2	9	0	14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
2300	502	0	498	0	502	0	504	0	320	2	320	2	0	0	7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
2400	504	0	500	0	502	0	504	0	320	2	320	2	-2	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0

STATUS CODE(3): 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

	WIND SPD1 50 A S		WIND SPD2 50 B S		WIND SPD3 150A S		WIND SPD4 150B S		WIND SPD5 S		WIND SPD6 50 A S		WIND DIR1		MIN 50 B S		MAX 124 B S		WIND DIR2		MIN 150A S		MAX 150B S		WIND DIR3		MIN 150A S		MAX 150B S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S		
100	87	0	97	0	134	0	134	0	0	0	0	0	136	0	161	124	132	0	171	100	134	0	141	124	134	0	141	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
200	81	0	87	0	115	0	117	0	0	0	0	0	132	0	149	119	128	0	165	94	132	0	147	120	132	0	147	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
300	59	0	66	0	109	0	109	0	0	0	0	0	136	0	154	111	133	0	173	96	142	0	149	131	142	0	149	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
400	47	0	54	0	102	0	101	0	0	0	0	0	144	0	179	114	139	0	180	98	150	0	160	139	150	0	160	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
500	54	0	60	0	99	0	99	0	0	0	0	0	138	0	162	112	135	0	175	101	142	0	155	131	142	0	155	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
600	52	0	58	0	100	0	100	0	0	0	0	0	135	0	160	112	132	0	180	101	146	0	153	131	146	0	153	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
700	61	0	70	0	103	0	105	0	0	0	0	0	140	0	166	111	133	0	162	97	144	0	159	133	144	0	159	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	10	0	15	0	14	0	17	0	0	0	0	0	53	3	165	272	40	3	173	272	187	3	269	95	187	3	269	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	39	0	44	0	51	0	52	0	0	0	0	0	117	0	164	81	112	0	163	63	105	0	159	80	105	0	159	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	58	0	64	0	78	0	82	0	0	0	0	0	137	0	186	95	136	0	218	90	129	0	152	105	129	0	152	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	76	0	80	0	106	0	107	0	0	0	0	0	130	0	189	96	125	0	163	80	127	0	160	98	127	0	160	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	69	0	76	0	99	0	101	0	0	0	0	0	140	0	170	91	135	0	172	61	137	0	168	117	137	0	168	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1300	66	0	67	0	77	0	82	0	0	0	0	0	121	0	157	70	117	0	169	50	115	0	147	86	115	0	147	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	79	0	81	0	95	0	99	0	0	0	0	0	126	0	153	100	122	0	167	76	121	0	156	77	121	0	156	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	70	0	74	0	84	0	89	0	0	0	0	0	133	0	171	97	132	0	182	92	127	0	151	107	127	0	151	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	40	0	123	2	36	0	195	2	0	0	0	0	150	0	111	173	241	0	292	203	237	0	259	221	237	0	259	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	13	0	109	2	69	0	164	2	0	0	0	0	313	0	267	341	244	0	287	192	238	0	249	227	238	0	249	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1800	27	0	114	2	115	0	192	2	0	0	0	0	146	0	122	172	239	0	294	196	235	0	247	219	235	0	247	219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1900	84	0	125	2	142	0	182	2	0	0	0	0	134	0	122	144	263	0	314	217	256	0	290	236	256	0	290	236	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2000	84	0	0	2	138	0	0	2	0	2	0	2	135	0	118	145	0	2	0	0	133	0	129	142	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	84	0	0	2	167	0	0	2	0	2	0	2	138	0	129	151	0	2	0	0	138	0	132	141	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2200	84	0	0	2	136	0	0	2	0	2	0	2	143	0	125	156	0	2	0	0	136	0	129	140	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2300	69	0	0	2	140	0	0	2	0	2	0	2	143	0	125	156	0	2	0	0	133	0	127	138	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2400	75	0	0	2	161	0	0	2	0	2	0	2	136	0	128	147	0	2	0	0	128	0	123	135	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN					
	30	A	S	30	B	S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
100	513	0		509	0		504	0	505	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
200	514	0		511	0		505	0	509	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
300	516	0		513	0		507	0	511	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
400	520	0		514	0		509	0	511	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
500	518	0		514	0		509	0	511	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
600	518	0		514	0		509	0	511	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
700	520	0		514	0		509	0	511	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
800	523	0		518	0		513	0	514	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
900	534	0		531	0		520	0	522	0	320	2	320	2	-16	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1000	549	0		543	0		532	0	532	0	320	2	320	2	-20	0	-13	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1100	572	0		567	0		549	0	550	0	320	2	320	2	-25	0	-18	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1200	594	0		582	0		574	0	574	0	320	2	320	2	-23	0	-16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	106	0
1300	622	0		617	0		597	0	599	0	320	2	320	2	-25	0	-18	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	109	0
1400	633	0		628	0		613	0	613	0	320	2	320	2	-23	0	-18	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	109	0
1500	639	0		635	0		630	0	624	0	320	2	320	2	-20	0	-14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	109	0
1600	622	0		597	0		604	0	608	0	320	2	320	2	-24	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	608	0		592	0		585	0	586	0	320	2	320	2	-32	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	608	0		608	0		603	0	606	0	320	2	320	2	-10	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	598	0		621	0		617	0	619	0	320	2	320	2	-3	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2000	554	0		0	2		0	2	0	2	320	2	320	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	0	2
2100	533	0		0	2		0	2	0	2	320	2	320	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	0	2
2200	516	0		0	2		0	2	0	2	320	2	320	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	0	2
2300	509	0		0	2		0	2	0	2	320	2	320	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	0	2
2400	492	0		0	2		0	2	0	2	320	2	320	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	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

[illegible]

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8	
	30 A	S	30 F	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		
100	509	0	0	2	0	2	0	2	320	2	320	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
200	503	0	0	2	0	2	0	2	320	2	320	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
300	513	0	0	2	0	2	0	2	320	2	320	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
400	520	0	0	2	0	2	0	2	320	2	320	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	520	0	0	2	0	2	0	2	320	2	320	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
600	533	0	0	2	0	2	0	2	320	2	320	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	540	0	0	2	0	2	0	2	320	2	320	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	547	0	0	2	0	2	0	2	320	2	320	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	540	0	0	2	0	2	0	2	320	2	320	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
1000	557	0	0	2	0	2	0	2	320	2	320	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
1100	605	0	0	2	0	2	0	2	320	2	320	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
1200	605	0	0	2	0	2	0	2	320	2	320	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
1300	632	0	0	2	0	2	0	2	320	2	320	2	-28	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1400	652	0	0	2	0	2	0	2	320	2	320	2	-28	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2
1500	649	0	0	2	0	2	0	2	320	2	320	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
1600	649	0	0	2	0	2	0	2	320	2	320	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
1700	649	0	0	2	0	2	0	2	320	2	320	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
1800	639	0	0	2	0	2	0	2	320	2	320	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
1900	625	0	0	2	0	2	0	2	320	2	320	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	615	0	0	2	0	2	0	2	320	2	320	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	598	0	0	2	0	2	0	2	320	2	320	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	584	0	0	2	0	2	0	2	320	2	320	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	581	0	0	2	0	2	0	2	320	2	320	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	601	0	0	2	0	2	0	2	320	2	320	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

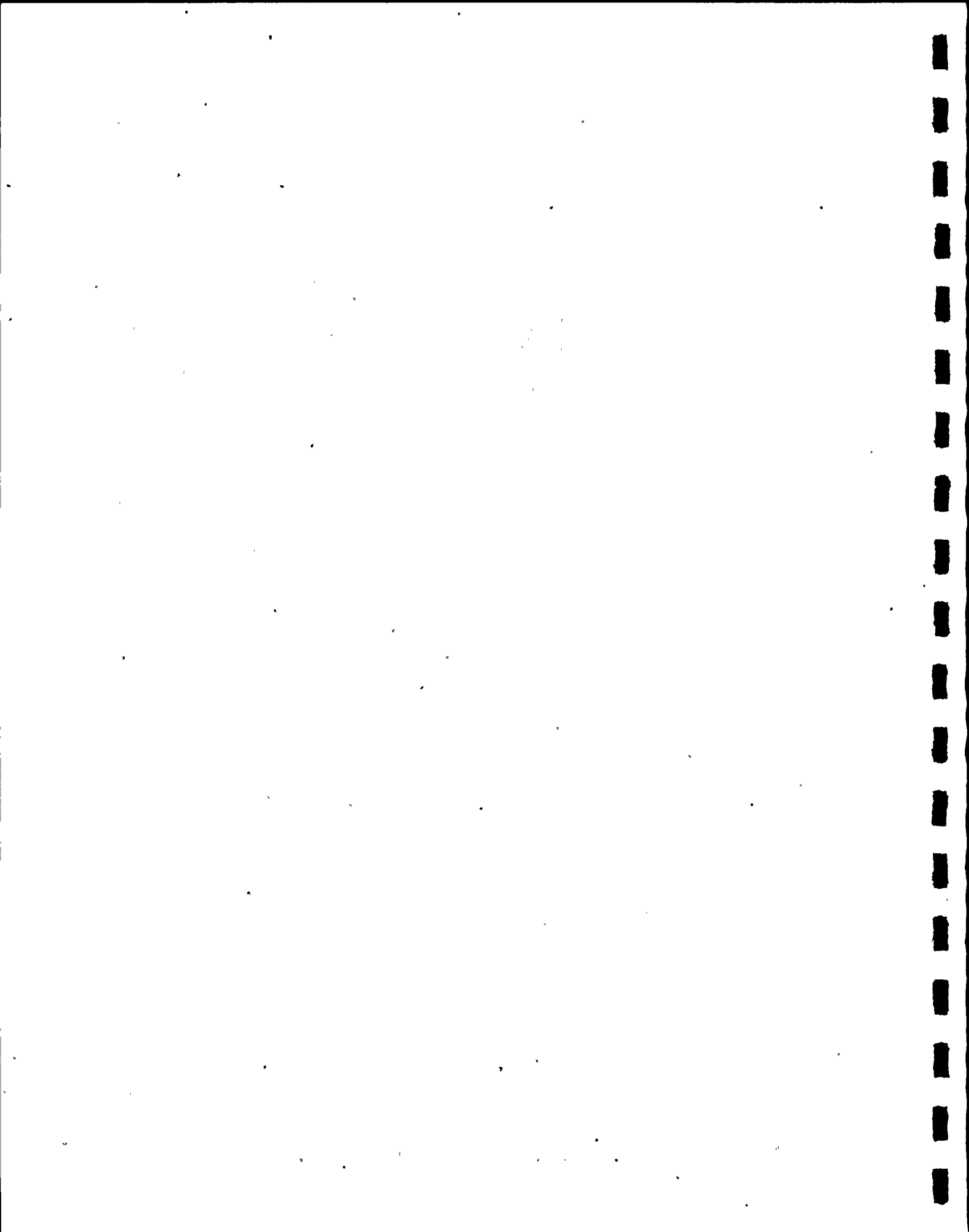
STATUS CODE(S): DEFINITIONS: 0 = VALID, 1 = QUESTIONABLE, 2 = INVALID, 3 = UNSTEADY DIRECTION, 5 = FLAT DIRECTION
REPORTING RESOLUTION: TEMPERATURE .1 DEGREES, SPEED .1MPH, DIRECTION 1 DEGREE, RAINFALL .01 INCHES, NET RADIATION .01 LANGLEY

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	48 0	0 2	152 0	0 2	0 2	195 0 168 230	0 2	0 0	188 0 172 205	0 2	0 0
200	32 0	0 2	130 0	0 2	0 2	200 0 169 234	0 2	0 0	191 0 182 200	0 2	0 0
300	32 0	0 2	130 0	0 2	0 2	204 0 167 240	0 2	0 0	187 0 179 200	0 2	0 0
400	53 0	0 2	138 0	0 2	0 2	215 0 182 236	0 2	0 0	201 0 186 215	0 2	0 0
500	67 0	0 2	142 0	0 2	0 2	240 0 213 264	0 2	0 0	222 0 206 236	0 2	0 0
600	88 0	0 2	232 0	0 2	0 2	237 0 216 268	0 2	0 0	228 0 219 241	0 2	0 0
700	44 0	0 2	159 0	0 2	0 2	235 0 218 269	0 2	0 0	230 0 218 237	0 2	0 0
800	102 0	0 2	180 0	0 2	0 2	246 0 231 266	0 2	0 0	222 0 215 233	0 2	0 0
900	115 0	0 2	211 0	0 2	0 2	250 0 233 264	0 2	0 0	232 0 227 239	0 2	0 0
1000	115 0	0 2	211 0	0 2	0 2	248 0 235 266	0 2	0 0	233 0 224 244	0 2	0 0
1100	100 0	0 2	186 0	0 2	0 2	253 0 235 269	0 2	0 0	235 0 227 243	0 2	0 0
1200	111 0	0 2	209 0	0 2	0 2	253 0 236 270	0 2	0 0	234 0 223 243	0 2	0 0
1300	132 0	175 0	188 0	199 0	0 0	273 0 262 288	267 0 308 222	246 0 242 258	269 0 278 250	0 0	0 0
1400	102 0	0 2	200 0	0 2	0 2	275 0 261 288	0 2	0 0	264 0 254 275	0 2	0 0
1500	90 0	0 2	180 0	0 2	0 2	273 0 260 289	0 2	0 0	272 0 259 282	0 2	0 0
1600	69 0	0 2	167 0	0 2	0 2	263 0 245 280	0 2	0 0	259 0 252 266	0 2	0 0
1700	94 0	0 2	159 0	0 2	0 2	284 0 268 305	0 2	0 0	272 0 257 281	0 2	0 0
1800	174 0	175 0	244 0	255 0	0 0	299 0 322 266	290 0 334 250	285 0 300 261	285 0 300 261	0 0	0 0
1900	161 0	158 0	241 0	245 0	0 0	302 0 316 284	287 0 334 256	292 0 295 287	292 0 295 287	0 0	0 0
2000	162 0	164 0	215 0	226 0	0 0	300 0 326 273	293 0 338 254	287 0 298 266	287 0 298 266	0 0	0 0
2100	169 0	177 0	223 0	238 0	0 0	299 0 325 264	292 0 355 260	283 0 293 267	283 0 293 267	0 0	0 0
2200	152 0	152 0	203 0	211 0	0 0	302 0 322 276	290 0 349 243	286 0 301 278	286 0 301 278	0 0	0 0
2300	131 0	135 0	194 0	202 0	0 0	303 0 326 282	292 0 330 252	291 0 296 286	291 0 296 286	0 0	0 0
2400	111 0	113 0	155 0	157 0	0 0	307 0 321 289	297 0 346 252	296 0 302 290	296 0 302 290	0 0	0 0

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	S RAIN S
100	622 0	0 2	0 2	0 2	320 2	320 2	1 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
200	611 0	0 2	0 2	0 2	320 2	320 2	1 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
300	635 0	0 2	0 2	0 2	320 2	320 2	-6 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
400	639 0	0 2	0 2	0 2	320 2	320 2	-10 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
500	632 0	0 2	0 2	0 2	320 2	320 2	-4 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
600	632 0	0 2	0 2	0 2	320 2	320 2	-9 0	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	320 2	320 2	-10 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
800	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
900	0 2	0 2	0 2	0 2	320 2	320 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	320 2	320 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	320 2	320 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	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1300	608 0	604 0	597 0	599 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
1400	0 2	0 2	0 2	0 2	320 2	320 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	320 2	320 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	320 2	320 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	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
1800	590 0	585 0	594 0	597 0	320 2	320 2	4 0	11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
1900	577 0	572 0	583 0	585 0	320 2	320 2	5 0	13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
2000	576 0	574 0	586 0	586 0	320 2	320 2	2 0	9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
2100	577 0	572 0	581 0	583 0	320 2	320 2	2 0	9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
2200	567 0	563 0	563 0	557 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
2300	558 0	552 0	558 0	559 0	320 2	320 2	2 0	7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
2400	549 0	545 0	549 0	552 0	320 2	320 2	2 0	5 0	0 0	0 0	320 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



[illegible]

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	30	B	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S	
100	545	0	540	0	545	0	549	0	320	2	320	2	0	0	7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
200	543	0	538	0	541	0	545	0	320	2	320	2	-4	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
300	536	0	532	0	536	0	540	0	320	2	320	2	0	0	9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
400	536	0	531	0	540	0	543	0	320	2	320	2	4	0	13	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
500	527	0	522	0	532	0	534	0	320	2	320	2	5	0	14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
600	507	0	502	0	520	0	522	0	320	2	320	2	13	0	20	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
700	516	0	511	0	525	0	527	0	320	2	320	2	9	0	16	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
800	518	0	513	0	531	0	532	0	320	2	320	2	11	0	20	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
900	522	0	518	0	527	0	529	0	320	2	320	2	4	0	11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1000	534	0	531	0	527	0	527	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1100	549	0	543	0	532	0	532	0	320	2	320	2	-16	0	-13	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1200	559	0	558	0	558	0	556	0	320	2	320	2	-7	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1300	595	0	592	0	583	0	581	0	320	2	320	2	-14	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1400	601	0	597	0	601	0	597	0	320	2	320	2	-7	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1500	613	0	610	0	615	0	613	0	320	2	320	2	-7	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1600	630	0	628	0	604	0	604	0	320	2	320	2	-31	0	-25	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1700	617	0	613	0	601	0	603	0	320	2	320	2	-16	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1800	577	0	572	0	574	0	577	0	320	2	320	2	-4	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
1900	561	0	555	0	572	0	576	0	320	2	320	2	13	0	20	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2000	541	0	538	0	579	0	583	0	320	2	320	2	38	0	45	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2100	541	0	536	0	588	0	590	0	320	2	320	2	45	0	52	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2200	522	0	516	0	586	0	588	0	320	2	320	2	65	0	72	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2300	516	0	511	0	563	0	565	0	320	2	320	2	45	0	54	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	126	0
2400	523	0	518	0	558	0	559	0	320	2	320	2	34	0	41	0	0	0	0	0	320	2	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S			30	B S			150A	S			150B	S			S			S			S	
100	71	0	70	0	176	0	149	0	0 0	0 0	0 0	205	0	242	152	201	0	264	150	196	0	203	191	196	0	203	191	0 0	0 0	0 0	0 0	0 0		
200	73	0	74	0	177	0	157	0	0 0	0 0	0 0	202	0	244	131	198	0	255	135	192	0	200	181	192	0	200	181	0 0	0 0	0 0	0 0	0 0		
300	78	0	77	0	184	0	153	0	0 0	0 0	0 0	201	0	251	145	196	0	260	113	190	0	197	177	190	0	197	177	0 0	0 0	0 0	0 0	0 0		
400	75	0	75	0	177	0	156	0	0 0	0 0	0 0	205	0	247	147	197	0	258	128	193	0	209	183	193	0	209	183	0 0	0 0	0 0	0 0	0 0		
500	74	0	72	0	167	0	147	0	0 0	0 0	0 0	204	0	236	144	197	0	263	135	191	0	208	180	191	0	208	180	0 0	0 0	0 0	0 0	0 0		
600	75	0	77	0	170	0	152	0	0 0	0 0	0 0	202	0	259	135	193	0	269	95	192	0	203	182	192	0	203	182	0 0	0 0	0 0	0 0	0 0		
700	71	0	70	0	162	0	143	0	0 0	0 0	0 0	205	0	245	148	198	0	266	130	193	0	203	185	193	0	203	185	0 0	0 0	0 0	0 0	0 0		
800	69	0	70	0	158	0	137	0	0 0	0 0	0 0	189	0	238	92	182	0	246	101	187	0	197	175	187	0	197	175	0 0	0 0	0 0	0 0	0 0		
900	65	0	64	0	147	0	132	0	0 0	0 0	0 0	184	0	259	112	178	0	246	98	185	0	205	166	185	0	205	166	0 0	0 0	0 0	0 0	0 0		
1000	85	0	84	0	129	0	118	0	0 0	0 0	0 0	210	0	256	126	205	0	264	107	190	0	212	129	190	0	212	129	0 0	0 0	0 0	0 0	0 0		
1100	68	0	72	0	106	0	95	0	0 0	0 0	0 0	224	0	284	182	212	0	266	130	194	0	223	126	194	0	223	126	0 0	0 0	0 0	0 0	0 0		
1200	52	0	47	0	92	0	79	0	0 0	0 0	0 0	208	0	269	97	243	0	347	183	201	0	252	146	201	0	252	146	0 0	0 0	0 0	0 0	0 0		
1300	63	0	63	0	147	2	101	0	0 0	0 0	0 0	212	0	268	119	212	0	268	119	195	0	233	142	195	0	233	142	0 0	0 0	0 0	0 0	0 0		
1400	61	0	58	0	113	0	102	0	0 0	0 0	0 0	207	0	263	106	200	0	266	103	189	0	245	151	188	0	266	117	0 0	0 0	0 0	0 0	0 0		
1500	93	0	89	0	151	0	130	0	0 0	0 0	0 0	214	0	265	111	206	0	269	103	194	0	236	119	194	0	233	112	0 0	0 0	0 0	0 0	0 0		
1600	79	0	74	0	123	0	110	0	0 0	0 0	0 0	246	0	295	216	236	0	293	199	225	0	239	210	224	0	254	194	0 0	0 0	0 0	0 0	0 0		
1700	76	0	72	0	124	0	107	0	0 0	0 0	0 0	223	0	328	183	211	0	264	112	194	0	219	156	196	0	232	169	0 0	0 0	0 0	0 0	0 0		
1800	57	0	57	0	131	0	115	0	0 0	0 0	0 0	206	0	235	154	201	0	265	143	195	0	201	187	194	0	205	180	0 0	0 0	0 0	0 0	0 0		
1900	61	0	56	0	144	0	124	0	0 0	0 0	0 0	221	0	258	179	213	0	266	169	202	0	216	190	200	0	218	180	0 0	0 0	0 0	0 0	0 0		
2000	82	0	78	0	158	0	141	0	0 0	0 0	0 0	216	0	261	177	207	0	269	152	202	0	212	187	202	0	223	184	0 0	0 0	0 0	0 0	0 0		
2100	87	0	81	0	139	0	131	0	0 0	0 0	0 0	224	0	251	190	218	0	265	182	209	0	218	194	208	0	225	190	0 0	0 0	0 0	0 0	0 0		
2200	87	0	79	0	150	0	132	0	0 0	0 0	0 0	236	0	266	203	229	0	266	152	218	0	234	206	217	0	240	196	0 0	0 0	0 0	0 0	0 0		
2300	101	0	90	0	161	0	145	0	0 0	0 0	0 0	244	0	271	206	235	0	269	185	223	0	239	208	222	0	246	194	0 0	0 0	0 0	0 0	0 0		
2400	131	0	116	0	212	0	183	0	0 0	0 0	0 0	246	0	278	216	236	0	283	183	227	0	239	216	226	0	245	208	0 0	0 0	0 0	0 0	0 0		

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	520 0	514 0	545 0	547 0	320 2	320 2	25 0	34 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
200	514 0	509 0	532 0	534 0	320 2	320 2	18 0	27 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
300	498 0	495 0	516 0	520 0	320 2	320 2	18 0	25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
400	498 0	493 0	516 0	520 0	320 2	320 2	18 0	27 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
500	489 0	464 0	504 0	507 0	320 2	320 2	14 0	23 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
600	482 0	477 0	498 0	502 0	320 2	320 2	16 0	23 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
700	487 0	482 0	504 0	507 0	320 2	320 2	16 0	25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
800	493 0	487 0	496 0	498 0	320 2	320 2	4 0	11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
900	529 0	523 0	516 0	530 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
1000	585 0	579 0	572 0	572 0	320 2	320 2	-18 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
1100	619 0	617 0	595 0	595 0	320 2	320 2	-27 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
1200	649 0	644 0	622 0	624 0	320 2	320 2	-25 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	126 0
1300	315 2	671 0	315 2	646 0	320 2	320 2	-4 2	-25 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	4 6
1400	693 0	691 0	664 0	666 0	320 2	320 2	-34 0	-29 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 6
1500	698 0	694 0	669 0	671 0	320 2	320 2	-29 0	-23 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	675 0	669 0	658 0	660 0	320 2	320 2	-16 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	680 0	676 0	667 0	667 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	635 0	630 0	646 0	648 0	320 2	320 2	9 0	16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	606 0	601 0	628 0	630 0	320 2	320 2	22 0	29 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	608 0	603 0	622 0	621 0	320 2	320 2	9 0	16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	606 0	599 0	622 0	621 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	3 0
2200	606 0	601 0	606 0	610 0	320 2	320 2	0 0	9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 6
2300	608 0	603 0	606 0	608 0	320 2	320 2	-2 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	603 0	597 0	603 0	604 0	320 2	320 2	2 0	5 0	0 0	0 0	320 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S	S	
100	114	0	101	0	182	0	165	0	0 0	0 0	249	0	275	220	239	0	274	200	235	0	248	226	234	0	255	219	0 0	0 0	0 0	0 0	0 0	0 0		
200	128	0	114	0	194	0	167	0	0 0	0 0	248	0	279	214	239	0	271	212	231	0	240	220	230	0	248	209	0 0	0 0	0 0	0 0	0 0	0 0		
300	115	0	107	0	179	0	157	0	0 0	0 0	251	0	274	220	243	0	272	216	233	0	243	216	231	0	244	208	0 0	0 0	0 0	0 0	0 0	0 0		
400	97	0	92	0	161	0	152	0	0 0	0 0	256	0	275	232	247	0	281	206	244	0	247	238	242	0	254	232	0 0	0 0	0 0	0 0	0 0	0 0		
500	93	0	92	0	153	0	159	0	0 0	0 0	265	0	289	231	255	0	282	223	256	0	266	247	255	0	265	244	0 0	0 0	0 0	0 0	0 0	0 0		
600	85	0	94	0	128	0	130	0	0 0	0 0	329	0	0	302	317	0	16	274	326	0	336	303	322	0	339	283	0 0	0 0	0 0	0 0	0 0	0 0		
700	129	0	137	0	178	0	174	0	0 0	0 0	45	0	74	22	34	0	76	349	17	0	39	352	16	0	37	351	0 0	0 0	0 0	0 0	0 0	0 0		
800	134	0	141	0	185	0	178	0	0 0	0 0	40	0	65	14	31	0	82	346	14	0	41	353	16	0	42	344	0 0	0 0	0 0	0 0	0 0	0 0		
900	106	0	112	0	142	0	140	0	0 0	0 0	42	0	70	12	31	0	70	2	17	0	29	2	19	0	48	344	0 0	0 0	0 0	0 0	0 0	0 0		
1000	100	0	106	0	143	0	140	0	0 0	0 0	37	0	67	7	29	0	78	352	13	0	40	350	13	0	46	334	0 0	0 0	0 0	0 0	0 0	0 0		
1100	87	0	90	0	125	0	126	0	0 0	0 0	32	0	86	328	20	0	82	311	2	0	26	327	1	0	46	313	0 0	0 0	0 0	0 0	0 0	0 0		
1200	87	0	89	0	140	0	134	0	0 0	0 0	6	0	121	308	356	0	63	282	354	0	46	318	351	0	62	302	0 0	0 0	0 0	0 0	0 0	0 0		
1300	92	0	109	0	157	0	156	0	0 0	0 0	22	0	81	317	13	0	82	299	357	0	38	310	355	0	35	304	0 0	0 0	0 0	0 0	0 0	0 0		
1400	81	0	84	0	125	0	120	0	0 0	0 0	30	0	103	325	21	0	95	303	1	0	55	315	356	0	54	281	0 0	0 0	0 0	0 0	0 0	0 0		
1500	91	0	93	0	134	0	131	0	0 0	0 0	19	0	71	325	6	0	65	283	359	0	50	318	356	0	32	286	0 0	0 0	0 0	0 0	0 0	0 0		
1600	59	0	63	0	93	0	95	0	0 0	0 0	16	0	84	314	5	0	58	286	359	0	36	319	355	0	52	296	0 0	0 0	0 0	0 0	0 0	0 0		
1700	85	0	91	0	139	0	136	0	0 0	0 0	27	0	63	347	18	0	88	332	1	0	27	339	359	0	43	321	0 0	0 0	0 0	0 0	0 0	0 0		
1800	66	0	69	0	111	0	111	0	0 0	0 0	35	0	64	345	24	0	65	328	3	0	22	328	0	0	32	321	0 0	0 0	0 0	0 0	0 0	0 0		
1900	103	0	105	0	150	0	150	0	0 0	0 0	34	0	52	5	26	0	60	343	7	0	34	343	6	0	41	342	0 0	0 0	0 0	0 0	0 0	0 0		
2000	106	0	109	0	154	0	148	0	0 0	0 0	36	0	65	6	28	0	79	351	13	0	30	350	12	0	42	344	0 0	0 0	0 0	0 0	0 0	0 0		
2100	97	0	101	0	136	0	135	0	0 0	0 0	45	0	82	26	37	0	79	352	22	0	44	6	26	0	52	8	0 0	0 0	0 0	0 0	0 0	0 0		
2200	81	0	92	0	118	0	121	0	0 0	0 0	56	0	80	33	50	0	85	20	32	0	49	15	35	0	65	13	0 0	0 0	0 0	0 0	0 0	0 0		
2300	82	0	93	0	111	0	121	0	0 0	0 0	79	0	107	47	74	0	109	37	58	0	69	46	61	0	82	42	0 0	0 0	0 0	0 0	0 0	0 0		
2400	104	0	112	0	144	0	144	0	0 0	0 0	90	0	113	72	83	0	109	62	64	0	78	56	67	0	77	52	0 0	0 0	0 0	0 0	0 0	0 0		

	AMB. TEM1 30 A	S	AMB. TEM2 30 B	S	AMB. TEM3 180A	S	AMB. TEM4 180B	S	AMB. TEM5 S	S	AMB. TEMP6 S	S	D.T. 1 180A	S	D.T. 2 180B	S	D.T. 3 S	S	D.T. 4 S	S	MISC 1 S	S	MISC 2 S	S	MISC 3 S	S	MISC 4 S	S	MISC 5 S	S	MISC 6 S	S	MISC 7 S	S	RAIN S	S		
100	594	0	588	0	594	0	595	0	320	2	320	2	0	0	7	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
200	599	0	594	0	594	0	595	0	320	2	320	2	-4	0	2	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
300	588	0	593	0	581	0	583	0	320	2	320	2	-7	0	2	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
400	574	0	570	0	567	0	568	0	320	2	320	2	-7	0	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
500	567	0	561	0	563	0	567	0	320	2	320	2	-4	0	4	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
600	563	0	558	0	550	0	554	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
700	565	0	561	0	556	0	558	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
800	559	0	556	0	547	0	550	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
900	552	0	547	0	538	0	540	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1000	556	0	550	0	538	0	541	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1100	559	0	556	0	538	0	540	0	320	2	320	2	-22	0	-14	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1200	559	0	556	0	532	0	534	0	320	2	320	2	-27	0	-20	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1300	549	0	545	0	523	0	525	0	320	2	320	2	-25	0	-18	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1400	545	0	540	0	522	0	522	0	320	2	320	2	-25	0	-18	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1500	536	0	532	0	513	0	516	0	320	2	320	2	-23	0	-18	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1600	534	0	529	0	511	0	514	0	320	2	320	2	-23	0	-16	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1700	518	0	513	0	504	0	505	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1800	498	0	493	0	491	0	495	0	320	2	320	2	-5	0	2	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1900	496	0	493	0	491	0	493	0	320	2	320	2	-7	0	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2000	500	0	495	0	493	0	495	0	320	2	320	2	-7	0	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2100	498	0	495	0	491	0	493	0	320	2	320	2	-7	0	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2200	493	0	489	0	487	0	489	0	320	2	320	2	-7	0	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2300	468	0	462	0	459	0	460	0	320	2	320	2	-9	0	2	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2400	441	0	437	0	437	0	439	0	320	2	320	2	-4	0	2	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	89	0	87	0	141	0	136	0	0	0	0	0	114	0	133	99	110	0	136	92	85	0	93	79	88	0	101	77	0	0	0	0	0	0
200	87	0	88	0	151	0	146	0	0	0	0	0	107	0	123	94	102	0	127	86	83	0	87	81	86	0	90	80	0	0	0	0	0	0
300	103	0	102	0	171	0	168	0	0	0	0	0	109	0	123	95	104	0	128	80	86	0	89	80	89	0	95	78	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	114	0	116	0	168	0	162	0	0	0	0	0	103	0	120	84	100	0	124	65	83	0	94	75	85	0	104	70	0	0	0	0	0	0
900	118	0	115	0	137	0	138	0	0	0	0	0	118	0	134	83	117	0	179	75	99	0	118	77	104	0	131	77	0	0	0	0	0	0
1000	109	0	109	0	151	0	147	0	0	0	0	0	103	0	127	80	99	0	153	68	91	0	112	72	96	0	119	78	0	0	0	0	0	0
1100	116	0	116	0	145	0	138	0	0	0	0	0	104	0	139	76	100	0	148	64	94	0	133	79	98	0	135	70	0	0	0	0	0	0
1200	84	0	87	0	94	0	96	0	0	0	0	0	101	0	144	67	96	0	150	55	89	0	125	63	93	0	136	55	0	0	0	0	0	0
1300	85	0	88	0	104	0	102	0	0	0	0	0	102	0	139	46	99	0	150	36	85	0	131	58	89	0	130	58	0	0	0	0	0	0
1400	69	0	74	0	86	0	87	0	0	0	0	0	113	0	153	67	107	0	170	59	94	0	128	58	96	0	133	53	0	0	0	0	0	0
1500	84	0	87	0	109	0	107	0	0	0	0	0	101	0	132	70	98	0	142	53	90	0	124	64	92	0	125	58	0	0	0	0	0	0
1600	103	0	106	0	134	0	131	0	0	0	0	0	96	0	121	71	91	0	133	37	77	0	95	54	80	0	105	56	0	0	0	0	0	0
1700	95	0	98	0	133	0	127	0	0	0	0	0	100	0	125	61	95	0	125	46	83	0	94	63	84	0	102	66	0	0	0	0	0	0
1800	88	0	88	0	133	0	125	0	0	0	0	0	93	0	111	71	91	0	118	69	75	0	88	67	79	0	93	63	0	0	0	0	0	0
1900	78	0	78	0	132	0	129	0	0	0	0	0	104	0	125	79	103	0	169	75	85	0	93	78	89	0	105	77	0	0	0	0	0	0
2000	81	0	85	0	138	0	136	0	0	0	0	0	103	0	123	88	99	0	136	69	85	0	89	80	88	0	105	82	0	0	0	0	0	0
2100	88	0	89	0	139	0	135	0	0	0	0	0	98	0	115	85	95	0	119	71	85	0	90	81	88	0	95	81	0	0	0	0	0	0
2200	95	0	96	0	157	0	151	0	0	0	0	0	113	0	133	99	107	0	131	85	103	0	108	97	107	0	115	98	0	0	0	0	0	0
2300	138	0	133	0	187	0	177	0	0	0	0	0	122	0	136	103	118	0	138	96	108	0	115	99	111	0	122	100	0	0	0	0	0	0
2400	113	0	112	0	162	0	156	0	0	0	0	0	124	0	138	108	119	0	145	95	108	0	122	99	111	0	124	101	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A	S	30	B	S	180A	B	180B	S		S	180A	B	180B	S		S		S		S		S		S		S		S		S		S		S		
100	421	0		415	0		423	0	424	0	320	2	320	2	2	0	9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	410	0		406	0		421	0	424	0	320	2	320	2	11	0	18	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	405	0		401	0		414	0	415	0	320	2	320	2	9	0	14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	0	2		0	2		0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	0	2		0	2		0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	0	2		0	2		0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	0	2		0	2		0	2	0	2	320	2	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	372	0		369	0		367	0	370	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	408	0		403	0		405	0	401	0	320	2	320	2	-16	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	441	0		433	0		426	0	426	0	320	2	320	2	-20	0	-13	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	473	0		468	0		457	0	459	0	320	2	320	2	-18	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	504	0		500	0		489	0	489	0	320	2	320	2	-18	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	523	0		520	0		505	0	509	0	320	2	320	2	-18	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	543	0		540	0		532	0	532	0	320	2	320	2	-16	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	545	0		540	0		529	0	532	0	320	2	320	2	-16	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	549	0		543	0		534	0	534	0	320	2	320	2	-16	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	536	0		531	0		525	0	527	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	509	0		505	0		505	0	509	0	320	2	320	2	-4	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	489	0		487	0		504	0	504	0	320	2	320	2	4	0	9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	477	0		475	0		489	0	489	0	320	2	320	2	9	0	14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	464	0		458	0		477	0	476	0	320	2	320	2	14	0	20	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	446	0		441	0		455	0	459	0	320	2	320	2	9	0	14	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	444	0		441	0		441	0	442	0	320	2	320	2	-4	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	437	0		432	0		430	0	433	0	320	2	320	2	-5	0	0	0	0	0	0	0	320	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	B	150B	S		B	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	132	0	129	0	183	0	177	0	0	0	0	0	119	0	134	94	115	0	139	85	104	0	130	90	105	0	122	92	0	0	0	0	0	0
200	96	0	97	0	128	0	133	0	0	0	0	0	128	0	147	109	126	0	142	97	119	0	128	110	123	0	143	108	0	0	0	0	0	0
300	106	0	103	0	169	0	159	0	0	0	0	0	114	0	131	94	109	0	136	80	99	0	104	90	103	0	113	96	0	0	0	0	0	0
400	113	0	113	0	184	0	173	0	0	0	0	0	112	0	129	90	109	0	137	82	96	0	100	89	99	0	105	92	0	0	0	0	0	0
500	114	0	114	0	178	0	171	0	0	0	0	0	110	0	130	95	110	0	168	83	95	0	160	86	96	0	111	84	0	0	0	0	0	0
600	78	0	78	0	124	0	116	0	0	0	0	0	112	0	128	94	108	0	138	70	92	0	97	87	96	0	112	84	0	0	0	0	0	0
700	98	0	102	0	150	0	142	0	0	0	0	0	102	0	121	86	98	0	132	72	82	0	91	75	85	0	98	69	0	0	0	0	0	0
800	125	0	121	0	183	0	173	0	0	0	0	0	112	0	127	93	108	0	133	75	92	0	97	79	95	0	107	79	0	0	0	0	0	0
900	154	0	144	0	202	0	192	0	0	0	0	0	116	0	131	97	115	0	142	82	97	0	106	84	101	0	114	80	0	0	0	0	0	0
1000	160	0	160	0	199	0	195	0	0	0	0	0	120	0	143	95	119	0	160	85	106	0	170	92	107	0	126	81	0	0	0	0	0	0
1100	189	0	190	0	227	0	225	0	0	0	0	0	127	0	148	104	123	0	187	90	113	0	218	99	115	0	136	100	0	0	0	0	0	0
1200	150	0	150	0	179	0	180	0	0	0	0	0	121	0	142	85	117	0	174	56	103	0	120	84	106	0	136	66	0	0	0	0	0	0
1300	135	0	129	0	159	0	162	0	0	0	0	0	117	0	154	90	113	0	154	77	103	0	115	79	106	0	132	77	0	0	0	0	0	0
1400	131	0	133	0	153	0	160	0	0	0	0	0	131	0	153	101	132	0	214	102	124	0	266	98	122	0	144	88	0	0	0	0	0	0
1500	130	0	132	0	158	0	158	0	0	0	0	0	123	0	146	93	121	0	177	76	108	0	154	83	110	0	132	77	0	0	0	0	0	0
1600	112	0	112	0	139	0	141	0	0	0	0	0	125	0	142	100	121	0	160	72	109	0	173	94	110	0	137	89	0	0	0	0	0	0
1700	79	0	81	0	124	0	121	0	0	0	0	0	107	0	129	79	103	0	147	79	90	0	137	81	92	0	107	78	0	0	0	0	0	0
1800	61	0	54	0	82	0	71	0	0	0	0	0	94	0	111	79	91	0	143	67	86	0	164	70	82	0	99	68	0	0	0	0	0	0
1900	50	0	54	0	85	0	81	0	0	0	0	0	87	0	103	75	82	0	93	68	72	0	79	65	75	0	84	64	0	0	0	0	0	0
2000	67	0	69	0	109	0	105	0	0	0	0	0	109	0	133	90	104	0	144	68	86	0	126	68	87	0	101	73	0	0	0	0	0	0
2100	48	0	51	0	89	0	87	0	0	0	0	0	100	0	133	74	94	0	135	66	106	0	118	91	110	0	124	94	0	0	0	0	0	0
2200	63	0	64	0	93	0	89	0	0	0	0	0	90	0	113	77	84	0	110	66	84	0	98	77	87	0	102	78	0	0	0	0	0	0
2300	73	0	75	0	124	0	119	0	0	0	0	0	108	0	120	92	103	0	127	85	99	0	101	95	101	0	105	98	0	0	0	0	0	0
2400	66	0	67	0	122	0	116	0	0	0	0	0	103	0	120	87	98	0	118	71	97	0	103	93	100	0	107	95	0	0	0	0	0	0

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	RAIN S
100	432 0	426 0	424 0	426 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	426 0	421 0	421 0	423 0	320 2	320 2	-4 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	412 0	406 0	412 0	414 0	320 2	320 2	0 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	397 0	394 0	403 0	405 0	320 2	320 2	5 0	11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	394 0	390 0	397 0	397 0	320 2	320 2	-4 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	390 0	385 0	387 0	390 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	387 0	383 0	385 0	388 0	320 2	320 2	2 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	390 0	385 0	385 0	387 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	419 0	415 0	410 0	412 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	457 0	453 0	448 0	450 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	495 0	489 0	482 0	484 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	516 0	514 0	513 0	511 0	320 2	320 2	-16 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	554 0	547 0	543 0	540 0	320 2	320 2	-16 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	556 0	550 0	554 0	549 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1500	554 0	549 0	545 0	543 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1600	552 0	547 0	543 0	543 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1700	540 0	536 0	532 0	534 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1800	525 0	523 0	545 0	538 0	320 2	320 2	-2 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1900	514 0	511 0	516 0	518 0	320 2	320 2	2 0	7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2000	500 0	496 0	507 0	509 0	320 2	320 2	5 0	11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2100	482 0	478 0	498 0	500 0	320 2	320 2	16 0	23 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2200	468 0	464 0	489 0	491 0	320 2	320 2	22 0	27 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2300	451 0	446 0	475 0	477 0	320 2	320 2	23 0	29 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2400	439 0	433 0	462 0	464 0	320 2	320 2	23 0	29 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S					S			S		
100	59	0	63	0	102	0	97	0	0	0	0	0	86	0	104	66	79	0	102	51	84	0	100	65	87	0	102	67	0	0	0	0	0	0
200	59	0	70	0	94	0	105	0	0	0	0	0	65	0	81	46	59	0	83	33	50	0	62	34	54	0	69	36	0	0	0	0	0	0
300	82	0	87	0	134	0	139	0	0	0	0	0	80	0	95	67	74	0	96	53	59	0	64	53	62	0	71	55	0	0	0	0	0	0
400	95	0	92	0	161	0	153	0	0	0	0	0	94	0	109	83	88	0	108	63	75	0	79	70	78	0	95	71	0	0	0	0	0	0
500	84	0	82	0	139	0	132	0	0	0	0	0	90	0	108	77	85	0	102	62	71	0	76	66	74	0	83	67	0	0	0	0	0	0
600	83	0	86	0	141	0	136	0	0	0	0	0	88	0	103	77	83	0	104	51	72	0	76	67	75	0	82	66	0	0	0	0	0	0
700	81	0	89	0	143	0	146	0	0	0	0	0	82	0	102	52	77	0	137	49	64	0	160	55	66	0	85	55	0	0	0	0	0	0
800	88	0	93	0	143	0	148	0	0	0	0	0	82	0	102	68	78	0	134	47	67	0	174	49	65	0	90	51	0	0	0	0	0	0
900	93	0	92	0	121	0	125	0	0	0	0	0	88	0	121	65	86	0	122	65	64	0	89	272	73	0	91	58	0	0	0	0	0	0
1000	74	0	79	0	97	0	97	0	0	0	0	0	90	0	142	41	84	0	127	48	81	0	123	55	83	0	121	60	0	0	0	0	0	0
1100	151	0	149	0	171	0	168	0	0	0	0	0	95	0	130	70	91	0	153	72	79	0	101	55	83	0	99	67	0	0	0	0	0	0
1200	105	0	107	0	126	0	126	0	0	0	0	0	100	0	142	58	95	0	154	54	80	0	119	46	83	0	119	51	0	0	0	0	0	0
1300	98	0	97	0	116	0	115	0	0	0	0	0	109	0	147	76	103	0	165	63	90	0	143	45	94	0	135	66	0	0	0	0	0	0
1400	100	0	102	0	116	0	122	0	0	0	0	0	120	0	144	86	118	0	171	72	107	0	167	71	106	0	134	56	0	0	0	0	0	0
1500	95	0	100	0	110	0	124	0	0	0	0	0	87	0	130	60	85	0	145	48	59	0	101	294	77	0	109	40	0	0	0	0	0	0
1600	100	0	102	0	121	0	127	0	0	0	0	0	91	0	132	69	87	0	139	51	75	0	95	13	80	0	103	47	0	0	0	0	0	0
1700	87	0	85	0	126	0	122	0	0	0	0	0	111	0	133	77	104	0	136	63	94	0	113	72	95	0	129	49	0	0	0	0	0	0
1800	88	0	89	0	132	0	125	0	0	0	0	0	93	0	109	83	86	0	111	68	74	0	79	68	76	0	84	66	0	0	0	0	0	0
1900	88	0	90	0	132	0	127	0	0	0	0	0	86	0	103	67	80	0	118	42	65	0	73	40	68	0	79	56	0	0	0	0	0	0
2000	79	0	78	0	137	0	132	0	0	0	0	0	106	0	128	94	100	0	127	72	88	0	95	81	90	0	101	78	0	0	0	0	0	0
2100	85	0	84	0	138	0	132	0	0	0	0	0	93	0	116	82	86	0	110	62	77	0	88	69	79	0	88	69	0	0	0	0	0	0
2200	80	0	87	0	143	0	136	0	0	0	0	0	76	0	93	63	70	0	90	55	65	0	69	59	67	0	73	61	0	0	0	0	0	0
2300	90	0	91	0	157	0	147	0	0	0	0	0	89	0	107	75	82	0	108	61	72	0	80	62	73	0	84	61	0	0	0	0	0	0
2400	100	0	102	0	159	0	151	0	0	0	0	0	89	0	106	77	82	0	120	59	68	0	73	37	70	0	78	59	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN				
	30	A	B	30	B	S	180A	S	180B	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
100	430	0		424	0		450	0	451	0		320	2	320	2		18	0	25	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
200	421	0		415	0		435	0	437	0		320	2	320	2		16	0	22	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
300	421	0		417	0		437	0	439	0		320	2	320	2		16	0	22	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
400	408	0		405	0		423	0	424	0		320	2	320	2		14	0	20	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
500	405	0		401	0		412	0	414	0		320	2	320	2		9	0	14	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
600	394	0		390	0		406	0	408	0		320	2	320	2		13	0	18	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
700	387	0		385	0		405	0	405	0		320	2	320	2		9	0	14	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
800	381	0		379	0		397	0	397	0		320	2	320	2		7	0	13	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
900	403	0		403	0		406	0	405	0		320	2	320	2		-9	0	-4	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1000	455	0		450	0		444	0	444	0		320	2	320	2		-14	0	-9	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1100	504	0		498	0		498	0	495	0		320	2	320	2		-20	0	-14	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1200	531	0		522	0		532	0	529	0		320	2	320	2		-18	0	-13	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1300	559	0		554	0		552	0	549	0		320	2	320	2		-18	0	-13	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1400	558	0		554	0		549	0	549	0		320	2	320	2		-14	0	-9	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1500	565	0		565	0		572	0	557	0		320	2	320	2		-22	0	-14	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1600	559	0		555	0		550	0	550	0		320	2	320	2		-18	0	-11	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1700	541	0		535	0		531	0	532	0		320	2	320	2		-11	0	-5	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1800	505	0		502	0		507	0	511	0		320	2	320	2		4	0	7	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
1900	482	0		476	0		484	0	486	0		320	2	320	2		0	0	5	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
2000	462	0		459	0		468	0	469	0		320	2	320	2		5	0	13	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
2100	442	0		439	0		457	0	459	0		320	2	320	2		13	0	18	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
2200	424	0		421	0		450	0	451	0		320	2	320	2		25	0	31	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
2300	419	0		414	0		432	0	433	0		320	2	320	2		14	0	20	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	0
2400	410	0		406	0		417	0	419	0		320	2	320	2		7	0	13	0		0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	1	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 50		MAX 150A S		WIND DIR3		MIN 150B S		MAX 150B S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S				50	B S						50	B S				150B	S				150B	S					150B	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

	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	S RAIN S
100	401 0	397 0	406 0	410 0	320 2	320 2	7 0	13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
200	412 0	406 0	414 0	415 0	320 2	320 2	4 0	9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
300	417 0	414 0	414 0	415 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
400	396 0	392 0	405 0	406 0	320 2	320 2	9 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
500	385 0	391 0	397 0	401 0	320 2	320 2	14 0	20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
600	392 0	398 0	401 0	403 0	320 2	320 2	9 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
700	410 0	406 0	403 0	406 0	320 2	320 2	-5 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
800	419 0	414 0	408 0	412 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
900	435 0	432 0	430 0	430 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1000	475 0	473 0	471 0	471 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1100	480 0	477 0	471 0	469 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1200	496 0	493 0	487 0	489 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1300	529 0	525 0	518 0	522 0	320 2	320 2	-14 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1400	558 0	552 0	543 0	547 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1500	567 0	563 0	559 0	561 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1600	565 0	565 0	579 0	577 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
1700	529 0	525 0	523 0	525 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	2 0
1800	527 0	522 0	520 0	522 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1900	534 0	529 0	522 0	525 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2000	532 0	527 0	522 0	523 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2100	536 0	532 0	527 0	529 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2200	547 0	543 0	538 0	540 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2300	559 0	554 0	549 0	552 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2400	570 0	565 0	559 0	563 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX 150B S	WIND DIR3	MIN 50	MAX B S	WIND DIR4	MIN 150A S	MAX 150B S	WIND DIR5 S	MIN 50	MAX B S	WIND DIR6 S	MIN 50	MAX B S
100	159 0	162 0	211 0	217 0	0 0	0 0	131 0	149 111	126 0	151 101	121 0	132 109	124 0	147 107	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	146 0	151 0	199 0	199 0	0 0	0 0	131 0	166 115	127 0	168 98	119 0	129 108	123 0	140 107	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	139 0	144 0	183 0	188 0	0 0	0 0	131 0	143 117	126 0	158 101	121 0	134 112	124 0	141 106	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	144 0	153 0	205 0	208 0	0 0	0 0	136 0	164 115	131 0	158 90	126 0	141 114	130 0	149 110	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	153 0	162 0	224 0	230 0	0 0	0 0	134 0	151 113	132 0	158 99	128 0	143 115	132 0	150 118	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	136 0	148 0	196 0	199 0	0 0	0 0	136 0	151 119	131 0	153 101	125 0	138 110	130 0	163 108	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	146 0	155 0	193 0	193 0	0 0	0 0	132 0	151 111	129 0	167 96	121 0	131 104	125 0	142 103	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	143 0	150 0	181 0	187 0	0 0	0 0	131 0	146 111	127 0	160 101	120 0	129 109	124 0	144 105	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	154 0	165 0	207 0	213 0	0 0	0 0	133 0	154 116	131 0	155 103	123 0	154 109	125 0	146 100	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	154 0	165 0	212 0	213 0	0 0	0 0	135 0	154 117	133 0	158 104	126 0	138 114	129 0	147 97	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	154 0	165 0	194 0	199 0	0 0	0 0	132 0	154 114	129 0	154 83	124 0	197 106	126 0	144 99	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	152 0	156 0	208 0	210 0	0 0	0 0	134 0	158 117	130 0	178 84	125 0	161 111	127 0	149 106	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	143 0	148 0	189 0	196 0	0 0	0 0	133 0	155 114	128 0	187 97	125 0	156 110	127 0	149 112	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	150 0	157 0	189 0	197 0	0 0	0 0	131 0	151 112	127 0	166 91	121 0	154 105	123 0	139 106	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	146 0	149 0	174 0	181 0	0 0	0 0	131 0	153 113	126 0	156 102	121 0	158 106	123 0	152 109	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	123 0	120 0	145 0	151 0	0 0	0 0	127 0	143 108	125 0	163 94	119 0	218 95	116 0	133 97	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	98 0	107 0	149 0	148 0	0 0	0 0	136 0	157 115	132 0	161 107	130 0	143 114	133 0	153 115	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	66 0	66 0	99 0	98 0	0 0	0 0	122 0	136 108	118 0	145 85	115 0	122 106	118 0	129 104	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	94 0	89 0	132 0	126 0	0 0	0 0	122 0	137 107	116 0	142 91	109 0	118 98	112 0	134 96	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	81 0	77 0	116 0	112 0	0 0	0 0	117 0	139 88	112 0	142 72	102 0	113 90	105 0	122 91	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	65 0	65 0	101 0	96 0	0 0	0 0	107 0	128 94	100 0	128 73	93 0	104 73	96 0	112 81	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	98 0	103 0	131 0	127 0	0 0	0 0	127 0	140 111	122 0	151 86	110 0	122 100	113 0	128 84	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	67 0	75 0	101 0	103 0	0 0	0 0	130 0	154 100	127 0	167 93	121 0	148 104	124 0	146 101	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	95 0	101 0	133 0	136 0	0 0	0 0	134 0	153 114	131 0	155 100	124 0	135 111	127 0	142 109	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

	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	S RAIN S
100	570 0	565 0	559 0	563 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
200	561 0	558 0	550 0	554 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
300	570 0	567 0	563 0	565 0	320 2	320 2	-7 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
400	567 0	563 0	558 0	559 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
500	565 0	559 0	554 0	558 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
600	558 0	552 0	547 0	549 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
700	554 0	549 0	543 0	545 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
800	556 0	552 0	545 0	549 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
900	568 0	563 0	554 0	558 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1000	574 0	570 0	563 0	565 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1100	585 0	579 0	572 0	576 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1200	595 0	590 0	579 0	583 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1300	612 0	608 0	603 0	604 0	320 2	320 2	-14 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1400	628 0	622 0	617 0	619 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1500	619 0	615 0	608 0	610 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1600	615 0	612 0	610 0	612 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1700	590 0	585 0	579 0	581 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	5 0
1800	568 0	563 0	565 0	568 0	320 2	320 2	-2 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	9 0
1900	570 0	565 0	565 0	567 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	17 0
2000	570 0	565 0	561 0	565 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	30 0
2100	567 0	563 0	559 0	561 0	320 2	320 2	-7 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	41 0
2200	565 0	561 0	556 0	559 0	320 2	320 2	-7 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	66 0
2300	565 0	559 0	556 0	558 0	320 2	320 2	-7 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	76 0
2400	561 0	555 0	552 0	554 0	320 2	320 2	-7 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	91 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN			MAX			WIND DIR2			MIN			MAX			WIND DIR3			MIN			MAX			WIND DIR4			MIN			MAX			WIND DIR5			MIN			MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	50	A	S	50	B	S	150A	S	150B	S		S	50	A	S		S	50	A	S		50	B	S		50	A	S		150A	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S		150B	S

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S			
	30	A S	30	B S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	556	0	550	0	547	0	550	0	320	2	320	2	-7	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	558	0	552	0	550	0	552	0	320	2	320	2	-7	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	103	0
300	543	0	540	0	543	0	545	0	320	2	320	2	0	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	104	0
400	541	0	534	0	540	0	543	0	320	2	320	2	0	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	111	0
500	545	0	541	0	538	0	541	0	320	2	320	2	-5	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	116	0
600	547	0	541	0	543	0	543	0	320	2	320	2	-4	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	125	0
700	487	0	482	0	482	0	484	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
800	475	0	471	0	469	0	471	0	320	2	320	2	-5	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
900	471	0	468	0	466	0	468	0	320	2	320	2	-5	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1000	469	0	466	0	466	0	469	0	320	2	320	2	-4	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1100	471	0	466	0	464	0	468	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1200	468	0	464	0	466	0	468	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	462	0	459	0	453	0	455	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	462	0	459	0	451	0	455	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1500	462	0	457	0	451	0	453	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	460	0	457	0	450	0	453	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1700	455	0	450	0	444	0	446	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	455	0	451	0	444	0	448	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	455	0	451	0	446	0	448	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	448	0	442	0	439	0	441	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	450	0	444	0	439	0	442	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2200	451	0	446	0	441	0	442	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2300	453	0	448	0	442	0	444	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	450	0	446	0	441	0	442	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	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.

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S	S	
100	67	0	72	0	128	0	131	0	0	0	0	0	329	0	31	290	317	0	359	204	325	0	336	314	321	0	6	302	0	0	0	0	0	0
200	87	0	91	0	139	0	143	0	0	0	0	0	326	0	347	300	315	0	350	275	321	0	330	314	317	0	324	300	0	0	0	0	0	0
300	87	0	91	0	141	0	146	0	0	0	0	0	326	0	353	305	315	0	355	289	321	0	328	314	316	0	326	303	0	0	0	0	0	0
400	111	0	117	0	166	0	170	0	0	0	0	0	324	0	342	294	314	0	341	280	318	0	330	313	314	0	324	309	0	0	0	0	0	0
500	109	0	107	0	175	0	178	0	0	0	0	0	326	0	354	302	317	0	50	274	318	0	327	307	318	0	327	307	0	0	0	0	0	0
600	92	0	91	0	145	0	148	0	0	0	0	0	331	0	2	296	318	0	4	274	321	0	335	309	321	0	335	309	0	0	0	0	0	0
700	105	0	106	0	165	0	170	0	0	0	0	0	329	0	357	305	318	0	350	270	320	0	329	303	320	0	329	303	0	0	0	0	0	0
800	91	0	91	0	133	0	133	0	0	0	0	0	347	0	3	329	334	0	12	309	335	0	341	330	331	0	346	314	0	0	0	0	0	0
900	116	0	119	0	176	0	180	0	0	0	0	0	341	0	10	300	329	0	3	279	331	0	342	319	326	0	336	310	0	0	0	0	0	0
1000	112	0	115	0	169	0	171	0	0	0	0	0	342	0	8	300	333	0	16	282	330	0	340	312	326	0	339	283	0	0	0	0	0	0
1100	148	0	154	0	207	0	207	0	0	0	0	0	347	0	10	302	334	0	8	296	332	0	340	321	328	0	354	308	0	0	0	0	0	0
1200	135	0	146	0	197	0	199	0	0	0	0	0	341	0	4	305	331	0	13	282	329	0	336	317	325	0	336	307	0	0	0	0	0	0
1300	125	0	126	0	172	0	169	0	0	0	0	0	348	0	19	324	336	0	33	305	335	0	346	324	331	0	351	321	0	0	0	0	0	0
1400	112	0	114	0	159	0	157	0	0	0	0	0	347	0	12	317	335	0	29	307	336	0	346	326	333	0	356	316	0	0	0	0	0	0
1500	102	0	103	0	142	0	140	0	0	0	0	0	347	0	13	313	334	0	3	294	335	0	345	327	332	0	358	308	0	0	0	0	0	0
1600	99	0	109	0	163	0	166	0	0	0	0	0	340	0	8	296	328	0	11	283	329	0	342	315	325	0	336	309	0	0	0	0	0	0
1700	108	0	111	0	177	0	176	0	0	0	0	0	349	0	12	312	335	0	12	274	339	0	348	321	335	0	355	310	0	0	0	0	0	0
1800	155	0	153	0	217	0	213	0	0	0	0	0	348	0	19	324	335	0	28	299	335	0	345	318	331	0	352	315	0	0	0	0	0	0
1900	115	0	123	0	192	0	191	0	0	0	0	0	350	0	32	322	336	0	29	271	339	0	354	326	335	0	5	315	0	0	0	0	0	0
2000	144	0	149	0	208	0	204	0	0	0	0	0	349	0	14	324	336	0	23	305	336	0	346	327	333	0	351	318	0	0	0	0	0	0
2100	137	0	136	0	210	0	206	0	0	0	0	0	349	0	24	303	337	0	18	303	337	0	359	328	333	0	4	319	0	0	0	0	0	0
2200	108	0	110	0	175	0	172	0	0	0	0	0	354	0	32	310	344	0	47	296	342	0	1	328	338	0	6	322	0	0	0	0	0	0
2300	122	0	124	0	187	0	185	0	0	0	0	0	349	0	22	315	337	0	18	283	337	0	350	327	334	0	359	312	0	0	0	0	0	0
2400	113	0	120	0	183	0	182	0	0	0	0	0	351	0	27	322	338	0	30	298	338	0	352	326	333	0	352	314	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A	S	30	B	S	180A	S	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	451	0		446	0		442	0	446	0	320	2	320	2	-9	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
200	451	0		446	0		444	0	446	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
300	451	0		446	0		446	0	450	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
400	451	0		446	0		446	0	448	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
500	453	0		448	0		444	0	446	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
600	451	0		446	0		442	0	446	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
700	450	0		446	0		442	0	444	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
800	455	0		450	0		446	0	450	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
900	453	0		448	0		441	0	442	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1000	457	0		451	0		442	0	444	0	320	2	320	2	-14	0	-7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1100	448	0		444	0		435	0	437	0	320	2	320	2	-13	0	-7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1200	451	0		446	0		435	0	437	0	320	2	320	2	-14	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1300	453	0		451	0		439	0	441	0	320	2	320	2	-14	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1400	457	0		453	0		439	0	442	0	320	2	320	2	-16	0	-11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1500	457	0		453	0		441	0	442	0	320	2	320	2	-14	0	-9	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1600	453	0		450	0		441	0	444	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1700	453	0		450	0		442	0	444	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1800	451	0		446	0		441	0	444	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
1900	451	0		446	0		441	0	442	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2000	450	0		444	0		439	0	441	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2100	450	0		444	0		439	0	442	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2200	448	0		446	0		437	0	439	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2300	446	0		446	0		437	0	439	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	129	0
2400	446	0		441	0		435	0	437	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6 S
100	116 0	120 0	179 0	179 0	0 0	0 0	349 0	24	309	339 0	27	294	338 0	350	329	334 0	356	306	0 0	0 0	0 0	0 0
200	81 0	79 0	144 0	140 0	0 0	0 0	16 0	75	326	9 0	81	305	351 0	31	317	349 0	32	309	0 0	0 0	0 0	0 0
300	80 0	83 0	150 0	147 0	0 0	0 0	7 0	54	315	1 0	104	271	353 0	17	332	349 0	41	301	0 0	0 0	0 0	0 0
400	139 0	143 0	212 0	210 0	0 0	0 0	351 0	19	321	341 0	23	297	338 0	348	319	334 0	356	306	0 0	0 0	0 0	0 0
500	119 0	116 0	173 0	168 0	0 0	0 0	356 0	63	325	345 0	58	290	349 0	13	324	344 0	25	302	0 0	0 0	0 0	0 0
600	105 0	100 0	166 0	160 0	0 0	0 0	0 0	81	313	352 0	72	304	348 0	30	323	347 0	37	310	0 0	0 0	0 0	0 0
700	152 0	162 0	235 0	233 0	0 0	0 0	350 0	24	307	340 0	13	301	340 0	351	328	337 0	2	317	0 0	0 0	0 0	0 0
800	167 0	170 0	237 0	233 0	0 0	0 0	347 0	13	323	338 0	30	297	335 0	356	323	332 0	355	315	0 0	0 0	0 0	0 0
900	157 0	164 0	232 0	239 0	0 0	0 0	339 0	4	302	328 0	3	272	328 0	339	312	325 0	344	307	0 0	0 0	0 0	0 0
1000	134 0	127 0	198 0	194 0	0 0	0 0	354 0	47	320	343 0	68	292	346 0	20	334	344 0	40	307	0 0	0 0	0 0	0 0
1100	116 0	112 0	185 0	175 0	0 0	0 0	356 0	79	291	343 0	51	271	348 0	26	330	346 0	28	309	0 0	0 0	0 0	0 0
1200	148 0	148 0	208 0	202 0	0 0	0 0	351 0	16	325	340 0	17	278	341 0	15	327	338 0	15	317	0 0	0 0	0 0	0 0
1300	165 0	164 0	229 0	225 0	0 0	0 0	349 0	11	322	339 0	32	304	339 0	356	326	336 0	5	308	0 0	0 0	0 0	0 0
1400	144 0	149 0	222 0	223 0	0 0	0 0	352 0	22	316	344 0	53	312	342 0	351	329	340 0	14	321	0 0	0 0	0 0	0 0
1500	134 0	180 0	246 0	246 0	0 0	0 0	354 0	339	11	337 0	50	299	342 0	327	356	335 0	355	318	0 0	0 0	0 0	0 0
1600	136 0	0 2	286 0	0 2	0 2	0 2	356 0	333	8	0 2	0 0	0	342 0	332	357	0 2	0 0	0 0	0 2	0 0	0 0	0 2
1700	136 0	0 2	267 0	0 2	0 2	0 2	357 0	348	19	0 2	0 0	0	349 0	338	359	0 2	0 0	0 0	0 2	0 0	0 0	0 2
1800	165 0	0 2	250 0	0 2	0 2	0 2	1 0	345	14	0 2	0 0	0	357 0	340	12	0 2	0 0	0 0	0 2	0 0	0 0	0 2
1900	180 0	0 2	259 0	0 2	0 2	0 2	0 0	342	12	0 2	0 0	0	10 0	356	24	0 2	0 0	0 0	0 2	0 0	0 0	0 2
2000	130 0	0 2	236 0	0 2	0 2	0 2	6 0	349	18	0 2	0 0	0	15 0	356	23	0 2	0 0	0 0	0 2	0 0	0 0	0 2
2100	136 0	0 2	236 0	0 2	0 2	0 2	28 0	11	46	0 2	0 0	0	12 0	356	25	0 2	0 0	0 0	0 2	0 0	0 0	0 2
2200	171 0	0 2	232 0	0 2	0 2	0 2	43 0	27	57	0 2	0 0	0	21 0	2	27	0 2	0 0	0 0	0 2	0 0	0 0	0 2
2300	159 0	0 2	242 0	0 2	0 2	0 2	45 0	27	56	0 2	0 0	0	17 0	359	27	0 2	0 0	0 0	0 2	0 0	0 0	0 2
2400	152 0	0 2	255 0	0 2	0 2	0 2	47 0	29	69	0 2	0 0	0	17 0	7	33	0 2	0 0	0 0	0 2	0 0	0 0	0 2

	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	S RAIN S.
100	442 0	437 0	433 0	435 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
200	441 0	435 0	430 0	432 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
300	441 0	437 0	430 0	433 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
400	442 0	437 0	432 0	435 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
500	435 0	430 0	426 0	426 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
600	430 0	426 0	419 0	423 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
700	430 0	426 0	419 0	423 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
800	424 0	419 0	414 0	415 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
900	426 0	424 0	415 0	419 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 6
1000	426 0	421 0	415 0	419 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	129 0
1100	428 0	424 0	419 0	423 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
1200	432 0	426 0	417 0	421 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
1300	437 0	432 0	424 0	428 0	320 2	320 2	-16 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
1400	432 0	430 0	430 0	439 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
1500	435 0	433 0	432 0	435 0	320 2	320 2	-16 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
1600	0 2	0 2	0 2	0 2	320 2	320 2	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	320 2	320 2	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	320 2	320 2	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	320 2	320 2	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	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2100	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2200	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2300	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2
2400	0 2	0 2	0 2	0 2	320 2	320 2	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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	152 0	0 2	209 0	0 2	0 2	36 0	20	53	0 2	0 0	0 0	34 0	18	50	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
200	150 0	0 2	209 0	0 2	0 2	46 0	28	63	0 2	0 0	0 0	21 0	8	41	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
300	144 0	0 2	209 0	0 2	0 2	48 0	30	66	0 2	0 0	0 0	23 0	6	36	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
400	142 0	0 2	236 0	0 2	0 2	52 0	39	71	0 2	0 0	0 0	10 0	0	27	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
500	125 0	0 2	236 0	0 2	0 2	37 0	18	56	0 2	0 0	0 0	16 0	358	28	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
600	125 0	0 2	215 0	0 2	0 2	37 0	12	57	0 2	0 0	0 0	16 0	5	34	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
700	111 0	0 2	219 0	0 2	0 2	36 0	26	54	0 2	0 0	0 0	30 0	21	38	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
800	107 0	156 0	208 0	201 0	0 0	53 0	29	72	31 0	60	355	16 0	36	0	17 0	48	344	0 0	0 0	0 0	0 0	0 0	0 0
900	117 0	140 0	177 0	170 0	0 0	48 0	28	62	32 0	68	2	16 0	50	2	16 0	74	344	0 0	0 0	0 0	0 0	0 0	0 0
1000	134 0	0 2	167 0	0 2	0 2	38 0	21	65	0 2	0 0	0 0	12 0	1	21	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
1100	103 0	0 2	155 0	0 2	0 2	44 0	28	62	0 2	0 0	0 0	10 0	359	29	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
1200	105 0	0 2	148 0	0 2	0 2	43 0	20	65	0 2	0 0	0 0	9 0	351	29	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
1300	96 0	0 2	134 0	0 2	0 2	45 0	25	74	0 2	0 0	0 0	7 0	354	32	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
1400	82 0	0 2	121 0	0 2	0 2	45 0	9	66	0 2	0 0	0 0	7 0	344	26	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
1500	75 0	0 2	107 0	0 2	0 2	41 0	351	80	0 2	0 0	0 0	3 0	349	30	0 2	0 0	0 0	0 2	0 0	0 0	0 2	0 0	0 0
1600	73 0	185 0	125 0	255 0	0 0	43 0	10	68	342 0	60	294	5 0	351	12	342 0	19	325	0 0	0 0	0 0	0 0	0 0	0 0
1700	179 0	192 0	270 0	261 0	0 0	352 0	21	326	342 0	38	305	341 0	355	330	339 0	16	315	0 0	0 0	0 0	0 0	0 0	0 0
1800	211 0	221 0	314 0	302 0	0 0	354 0	47	330	342 0	32	306	343 0	354	335	341 0	10	325	0 0	0 0	0 0	0 0	0 0	0 0
1900	141 0	137 0	242 0	229 0	0 0	6 0	76	321	355 0	64	298	347 0	12	317	345 0	16	279	0 0	0 0	0 0	0 0	0 0	0 0
2000	153 0	155 0	254 0	241 0	0 0	23 0	85	281	15 0	65	315	358 0	23	341	354 0	29	318	0 0	0 0	0 0	0 0	0 0	0 0
2100	44 0	48 0	61 0	60 0	0 0	36 0	87	17	27 0	84	4	16 0	36	4	16 0	31	357	0 0	0 0	0 0	0 0	0 0	0 0
2200	27 0	33 0	40 0	45 0	0 0	65 3	98	38	59 0	97	23	45 0	60	24	48 0	65	14	0 0	0 0	0 0	0 0	0 0	0 0
2300	26 0	26 0	36 0	37 0	0 0	114 0	139	88	106 3	131	68	97 0	121	82	100 0	132	82	0 0	0 0	0 0	0 0	0 0	0 0
2400	29 0	32 0	38 0	37 0	0 0	125 0	150	90	120 0	141	94	111 0	120	93	114 0	133	101	0 0	0 0	0 0	0 0	0 0	0 0

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	S RAIN S
100	0 2	0 2	0 2	0 2	320 2	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	320 2	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	320 2	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	320 2	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	320 2	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	320 2	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	320 2	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	448 0	444 0	437 0	439 0	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	132 0
900	448 0	444 0	437 0	439 0	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	132 0
1000	0 2	0 2	0 2	0 2	320 2	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	320 2	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	320 2	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	320 2	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	320 2	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	320 2	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	437 0	437 0	439 0	445 0	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 6
1700	433 0	430 0	424 0	424 0	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	130 0
1800	432 0	425 0	421 0	424 0	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	131 0
1900	439 0	435 0	428 0	432 0	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2000	441 0	437 0	432 0	433 0	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	132 0
2100	469 0	465 0	459 0	462 0	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 6
2200	468 0	464 0	459 0	460 0	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	464 0	455 0	453 0	457 0	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	460 0	457 0	451 0	455 0	320 2	-9 0	-2 0	0 0	0 0	320 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S				50	B S				150A	S				150B	S				S			
100	30	0	32	0	39	0	39	0	0	0	0	0	118	0	141	57	113	0	139	66	106	0	125	58	109	0	132	67	0	0	0	0	0	0
200	25	0	31	0	48	0	49	0	0	0	0	0	144	0	175	122	141	0	177	107	141	0	148	134	145	0	152	133	0	0	0	0	0	0
300	32	0	41	0	69	0	70	0	0	0	0	0	147	0	193	121	142	0	191	103	143	0	153	131	147	0	159	136	0	0	0	0	0	0
400	32	0	34	0	64	0	65	0	0	0	0	0	172	0	230	130	165	0	231	120	165	0	176	155	167	0	181	155	0	0	0	0	0	0
500	36	0	39	0	79	0	71	0	0	0	0	0	196	0	266	96	189	0	263	106	188	0	200	173	188	0	208	173	0	0	0	0	0	0
600	33	0	38	0	82	0	75	0	0	0	0	0	190	0	233	124	187	0	241	98	179	0	193	153	181	0	206	153	0	0	0	0	0	0
700	49	0	45	0	100	0	86	0	0	0	0	0	215	0	255	171	208	0	264	150	198	0	208	184	198	0	214	184	0	0	0	0	0	0
800	148	0	151	0	203	0	195	0	0	0	0	0	34	0	74	3	24	0	71	328	8	0	32	347	6	0	28	338	0	0	0	0	0	0
900	150	0	152	0	199	0	196	0	0	0	0	0	39	0	70	8	29	0	63	338	15	0	33	358	13	0	40	338	0	0	0	0	0	0
1000	115	0	118	0	150	0	151	0	0	0	0	0	39	0	70	8	29	0	93	343	13	0	32	351	15	0	41	338	0	0	0	0	0	0
1100	113	0	115	0	146	0	148	0	0	0	0	0	39	0	63	12	31	0	68	356	15	0	39	341	17	0	59	342	0	0	0	0	0	0
1200	117	0	119	0	130	0	146	0	0	0	0	0	44	0	64	14	39	0	84	359	17	0	40	332	23	0	55	343	0	0	0	0	0	0
1300	84	0	90	0	113	0	111	0	0	0	0	0	35	0	67	300	27	0	79	313	8	0	36	340	7	0	46	332	0	0	0	0	0	0
1400	93	0	99	0	115	0	118	0	0	0	0	0	35	0	92	8	25	0	64	349	7	0	36	341	5	0	45	321	0	0	0	0	0	0
1500	91	0	94	0	126	0	121	0	0	0	0	0	36	0	69	2	26	0	69	339	10	0	33	345	11	0	49	337	0	0	0	0	0	0
1600	73	0	73	0	125	0	115	0	0	0	0	0	204	0	258	129	196	0	253	118	185	0	216	144	186	0	222	146	0	0	0	0	0	0
1700	53	0	48	0	84	0	75	0	0	0	0	0	224	0	262	185	216	0	255	148	204	0	219	187	204	0	225	182	0	0	0	0	0	0
1800	55	0	53	0	97	0	85	0	0	0	0	0	221	0	262	184	212	0	263	162	207	0	221	194	207	0	221	189	0	0	0	0	0	0
1900	37	0	40	0	88	0	86	0	0	0	0	0	171	0	221	120	164	0	203	105	174	0	185	164	175	0	190	163	0	0	0	0	0	0
2000	54	0	54	0	124	0	105	0	0	0	0	0	205	0	244	126	199	0	244	110	200	0	208	185	199	0	213	177	0	0	0	0	0	0
2100	64	0	58	0	113	0	103	0	0	0	0	0	234	0	258	205	225	0	260	180	219	0	231	205	219	0	242	196	0	0	0	0	0	0
2200	79	0	87	0	117	0	116	0	0	0	0	0	348	0	20	301	335	0	19	293	331	0	344	315	327	0	352	312	0	0	0	0	0	0
2300	61	0	64	0	91	0	91	0	0	0	0	0	346	0	22	312	331	0	10	280	336	0	355	316	332	0	348	306	0	0	0	0	0	0
2400	96	0	102	0	135	0	135	0	0	0	0	0	336	0	0	301	328	0	39	288	325	0	342	307	320	0	339	298	0	0	0	0	0	0

	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	459 0	455 0	448 0	451 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	455 0	451 0	446 0	450 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	453 0	448 0	444 0	448 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	450 0	444 0	442 0	444 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	450 0	446 0	442 0	446 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	446 0	441 0	441 0	442 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	439 0	433 0	437 0	439 0	320 2	320 2	-2 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	451 0	448 0	441 0	442 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	453 0	450 0	442 0	444 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	451 0	448 0	442 0	446 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	455 0	451 0	442 0	446 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	455 0	455 0	462 0	466 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	464 0	462 0	451 0	453 0	320 2	320 2	-16 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	468 0	464 0	455 0	459 0	320 2	320 2	-16 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	464 0	450 0	450 0	451 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	561 0	558 0	547 0	550 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	541 0	536 0	540 0	541 0	320 2	320 2	-4 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	540 0	534 0	536 0	538 0	320 2	320 2	-4 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	523 0	520 0	523 0	527 0	320 2	320 2	0 0	7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	511 0	505 0	522 0	523 0	320 2	320 2	11 0	18 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2100	502 0	496 0	496 0	498 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	7 0
2200	468 0	464 0	457 0	450 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	11 0
2300	466 0	450 0	455 0	459 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	15 0
2400	457 0	453 0	446 0	450 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	16 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 50 B S	MIN 50 B S	MAX 50 B S	WIND DIR2 150A S	MIN 150A S	MAX 150A S	WIND DIR3 150B S	MIN 150B S	MAX 150B S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S	MIN S	MAX S
100	175 0	180 0	248 0	245 0	0 0	0 0	321 0	350 301	308 0	343 267	315 0	321 308	310 0	320 300	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
200	160 0	161 0	240 0	225 0	0 0	0 0	320 0	340 301	310 0	343 274	313 0	321 303	309 0	325 298	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
300	136 0	144 0	199 0	197 0	0 0	0 0	323 0	348 294	312 0	342 268	317 0	330 309	312 0	330 294	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
400	137 0	148 0	207 0	206 0	0 0	0 0	334 0	6 297	322 0	10 282	325 0	337 302	322 0	345 299	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
500	134 0	142 0	207 0	211 0	0 0	0 0	328 0	356 300	319 0	0 273	323 0	336 305	318 0	336 301	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
600	206 0	213 0	277 0	275 0	0 0	0 0	348 0	19 312	333 0	19 284	333 0	346 304	329 0	346 293	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
700	186 0	187 0	260 0	253 0	0 0	0 0	350 0	28 322	339 0	21 280	334 0	346 310	331 0	356 304	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
800	54 0	54 0	99 0	89 0	0 0	0 0	204 0	241 147	202 0	252 157	195 0	213 165	195 0	218 158	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
900	70 0	65 0	111 0	97 0	0 0	0 0	212 0	255 125	208 0	257 138	193 0	212 177	194 0	219 166	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1000	55 0	60 0	94 0	97 0	0 0	0 0	196 0	257 115	191 0	265 98	177 0	221 120	180 0	228 124	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1100	74 0	82 0	127 0	127 0	0 0	0 0	177 0	269 108	169 0	251 94	170 0	207 144	171 0	213 139	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1200	158 0	154 0	196 0	197 0	0 0	0 0	315 0	335 289	302 0	355 261	304 0	315 290	300 0	313 286	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1300	144 0	143 0	175 0	181 0	0 0	0 0	309 0	324 296	298 0	324 274	296 0	308 279	293 0	309 276	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1400	131 0	129 0	153 0	155 0	0 0	0 0	301 0	328 264	288 0	324 241	287 0	300 250	285 0	305 247	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1500	117 0	119 0	131 0	143 0	0 0	0 0	295 0	323 259	287 0	338 237	279 0	300 252	277 0	304 241	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1600	131 0	136 0	147 0	154 0	0 0	0 0	275 0	292 247	267 0	308 221	258 0	273 244	258 0	284 243	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1700	125 0	133 0	169 0	170 0	0 0	0 0	272 0	301 243	263 0	311 231	253 0	261 242	252 0	265 241	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1800	139 0	148 0	202 0	204 0	0 0	0 0	273 0	298 238	264 0	308 224	254 0	264 244	253 0	263 235	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
1900	157 0	154 0	242 0	231 0	0 0	0 0	270 0	294 245	260 0	298 222	252 0	260 243	250 0	264 234	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
2000	231 0	244 0	257 0	276 0	0 0	0 0	278 0	291 262	266 0	297 238	262 0	270 256	260 0	269 253	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
2100	233 0	249 0	258 0	264 0	0 0	0 0	278 0	312 264	266 0	307 241	265 0	278 251	262 0	284 225	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
2200	189 0	196 0	233 0	233 0	0 0	0 0	280 0	310 262	269 0	299 239	268 0	280 254	266 0	296 243	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
2300	140 0	145 0	166 0	167 0	0 0	0 0	281 0	329 252	272 0	325 227	271 0	301 254	268 0	301 236	0 0	0 0	0 0	0 0	0 0	0 0	0 0			
2400	145 0	146 0	176 0	177 0	0 0	0 0	278 0	304 254	269 0	300 223	268 0	288 247	266 0	296 222	0 0	0 0	0 0	0 0	0 0	0 0	0 0			

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	S RAIN S
100	451 0	446 0	439 0	441 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	18 0
200	435 0	432 0	424 0	426 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	18 0
300	432 0	426 0	419 0	421 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	18 0
400	446 0	441 0	433 0	435 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	18 0
500	437 0	433 0	428 0	430 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	19 0
600	433 0	430 0	423 0	424 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
700	432 0	426 0	421 0	423 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
800	441 0	437 0	441 0	441 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
900	455 0	450 0	441 0	442 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1000	471 0	459 0	460 0	462 0	320 2	320 2	-18 0	-13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1100	482 0	477 0	460 0	462 0	320 2	320 2	-22 0	-16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1200	415 0	412 0	396 0	397 0	320 2	320 2	-22 0	-16 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1300	428 0	424 0	392 0	394 0	320 2	320 2	-36 0	-31 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1400	428 0	424 0	406 0	406 0	320 2	320 2	-25 0	-20 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1500	441 0	439 0	428 0	428 0	320 2	320 2	-23 0	-18 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1600	444 0	442 0	435 0	437 0	320 2	320 2	-16 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1700	459 0	453 0	446 0	448 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1800	466 0	450 0	459 0	462 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1900	471 0	458 0	466 0	468 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2000	471 0	456 0	460 0	462 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2100	468 0	462 0	457 0	459 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2200	466 0	452 0	457 0	459 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2300	464 0	459 0	453 0	457 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2400	460 0	457 0	451 0	455 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN 50			MAX B S			WIND DIR2			MIN 150A S			MAX 150B S			WIND DIR3			MIN 150B S			MAX 8			WIND DIR4			MIN 8			MAX 8			WIND DIR5			MIN 8			MAX 8			WIND DIR6			MIN 8			MAX 8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	50	A	S	50	B	S	150A	S	150B	S	50	A	S	50	A	S	50	A	S	50	A	S	50	B	S	50	A	S	50	B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S	150B	S	150A	S

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	459 0	453 0	450 0	453 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
200	417 0	412 0	415 0	419 0	320 2	320 2	-2 0	5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
300	421 0	415 0	428 0	430 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
400	383 0	379 0	387 0	368 0	320 2	320 2	4 0	11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
500	361 0	356 0	403 0	406 0	320 2	320 2	43 0	49 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
600	340 0	334 0	381 0	383 0	320 2	320 2	40 0	47 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
700	349 0	343 0	403 0	405 0	320 2	320 2	54 0	61 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
800	351 0	347 0	401 0	405 0	320 2	320 2	49 0	56 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
900	394 0	394 0	388 0	394 0	320 2	320 2	-20 0	-13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1000	410 0	406 0	397 0	399 0	320 2	320 2	-16 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1100	433 0	430 0	421 0	423 0	320 2	320 2	-18 0	-13 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1200	466 0	464 0	457 0	457 0	320 2	320 2	-18 0	-14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1300	469 0	466 0	457 0	457 0	320 2	320 2	-13 0	-9 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1400	469 0	466 0	457 0	459 0	320 2	320 2	-18 0	-11 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1500	457 0	451 0	442 0	444 0	320 2	320 2	-16 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1600	444 0	441 0	437 0	441 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1700	439 0	439 0	441 0	442 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1800	428 0	424 0	417 0	419 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
1900	419 0	415 0	408 0	412 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2000	410 0	406 0	401 0	403 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2100	403 0	399 0	396 0	399 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2200	401 0	395 0	390 0	394 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2300	406 0	403 0	397 0	401 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 0
2400	410 0	405 0	401 0	403 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	21 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.

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	137	0	140	0	183	0	173	0	0	0	0	0	108	0	134	88	101	0	136	67	89	0	102	74	93	0	112	74	0	0	0	0	0	0
200	127	0	122	0	169	0	158	0	0	0	0	0	111	0	129	92	109	0	172	66	91	0	104	40	97	0	117	80	0	0	0	0	0	0
300	88	0	92	0	151	0	151	0	0	0	0	0	137	0	154	122	134	0	154	109	139	0	147	126	143	0	155	126	0	0	0	0	0	0
400	92	0	108	0	156	0	155	0	0	0	0	0	140	0	165	121	138	0	163	113	135	0	146	123	139	0	150	120	0	0	0	0	0	0
500	115	0	127	0	179	0	178	0	0	0	0	0	137	0	168	125	133	0	163	97	131	0	137	124	136	0	145	127	0	0	0	0	0	0
600	79	0	82	0	154	0	155	0	0	0	0	0	149	0	186	97	147	0	203	109	148	0	213	131	152	0	175	132	0	0	0	0	0	0
700	79	0	85	0	147	0	147	0	0	0	0	0	157	0	191	129	152	0	192	101	153	0	164	136	156	0	177	134	0	0	0	0	0	0
800	55	0	54	0	108	0	100	0	0	0	0	0	189	0	251	123	177	0	238	101	180	0	205	160	182	0	216	150	0	0	0	0	0	0
900	47	0	51	0	108	0	99	0	0	0	0	0	207	0	254	145	198	0	263	113	190	0	203	173	191	0	220	175	0	0	0	0	0	0
1000	69	0	67	0	125	0	109	0	0	0	0	0	206	0	255	126	202	0	260	127	191	0	220	168	192	0	228	163	0	0	0	0	0	0
1100	78	0	73	0	145	0	125	0	0	0	0	0	212	0	247	118	206	0	258	130	194	0	213	171	193	0	221	172	0	0	0	0	0	0
1200	59	0	57	0	108	0	97	0	0	0	0	0	190	0	245	112	186	0	239	113	183	0	224	162	183	0	225	121	0	0	0	0	0	0
1300	48	0	51	0	105	0	94	0	0	0	0	0	197	0	259	119	191	0	259	118	183	0	205	160	186	0	220	144	0	0	0	0	0	0
1400	41	0	43	0	84	0	75	0	0	0	0	0	199	0	267	98	191	0	259	99	186	0	225	157	187	0	224	159	0	0	0	0	0	0
1500	51	0	55	0	87	0	87	0	0	0	0	0	154	0	227	118	150	0	228	101	148	0	176	120	152	0	189	123	0	0	0	0	0	0
1600	54	0	60	0	86	0	87	0	0	0	0	0	138	0	196	116	134	0	207	112	136	0	164	117	140	0	166	118	0	0	0	0	0	0
1700	60	0	65	0	97	0	96	0	0	0	0	0	135	0	163	119	131	0	162	98	130	0	142	116	134	0	148	113	0	0	0	0	0	0
1800	52	0	52	0	76	0	72	0	0	0	0	0	106	0	127	85	99	0	138	78	99	0	115	89	103	0	115	90	0	0	0	0	0	0
1900	63	0	61	0	91	0	86	0	0	0	0	0	114	0	140	93	108	0	135	84	100	0	110	94	104	0	115	96	0	0	0	0	0	0
2000	102	0	104	0	143	0	137	0	0	0	0	0	113	0	128	89	109	0	141	68	99	0	117	84	102	0	121	84	0	0	0	0	0	0
2100	85	0	89	0	116	0	115	0	0	0	0	0	130	0	173	112	127	0	165	102	118	0	136	101	121	0	143	100	0	0	0	0	0	0
2200	63	0	66	0	86	0	83	0	0	0	0	0	99	0	117	76	93	0	117	62	84	0	107	65	87	0	117	61	0	0	0	0	0	0
2300	88	0	84	0	108	0	103	0	0	0	0	0	103	0	140	83	96	0	135	73	83	0	112	66	87	0	123	66	0	0	0	0	0	0
2400	73	0	82	0	101	0	109	0	0	0	0	0	66	0	98	39	57	0	98	23	45	0	69	29	50	0	74	23	0	0	0	0	0	0

	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	S RAIN S
100	406 0	403 0	399 0	401 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
200	415 0	414 0	415 0	417 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
300	437 0	433 0	444 0	448 0	320 2	320 2	7 0	14 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
400	437 0	432 0	430 0	432 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
500	442 0	437 0	437 0	439 0	320 2	320 2	-5 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
600	453 0	445 0	450 0	453 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
700	471 0	466 0	464 0	466 0	320 2	320 2	-7 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
800	473 0	469 0	466 0	468 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
900	469 0	464 0	469 0	471 0	320 2	320 2	-4 0	4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	22 0
1000	460 0	455 0	451 0	455 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	23 0
1100	444 0	439 0	435 0	437 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1200	451 0	446 0	441 0	442 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	31 0
1300	453 0	448 0	441 0	442 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	32 0
1400	457 0	451 0	446 0	450 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	39 0
1500	457 0	451 0	446 0	448 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	49 0
1600	457 0	451 0	446 0	450 0	320 2	320 2	-9 0	-2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	64 0
1700	457 0	453 0	450 0	453 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	68 0
1800	460 0	457 0	451 0	455 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	71 0
1900	462 0	457 0	455 0	457 0	320 2	320 2	-7 0	0 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	80 0
2000	468 0	464 0	460 0	462 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	88 0
2100	469 0	464 0	460 0	462 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	111 0
2200	475 0	471 0	468 0	469 0	320 2	320 2	-9 0	2 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	124 0
2300	421 0	415 0	410 0	414 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	136 0
2400	405 0	399 0	392 0	396 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	139 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX 87		WIND DIR2		MIN 150A		MAX 87		WIND DIR3		MIN 150B		MAX 87		WIND DIR4		MIN 50		MAX 87		WIND DIR5		MIN 50		MAX 87		WIND DIR6		MIN 50		MAX 87																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	50	A S	50	B S	150A	S	150B	S		S	50	A S				50	B S					150A	B S						150B	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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	379 0	372 0	374 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	146 0
200	372 0	369 0	361 0	363 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	150 0
300	367 0	361 0	354 0	358 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	150 0
400	358 0	352 0	347 0	349 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	150 0
500	358 0	354 0	347 0	351 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	150 0
600	358 0	352 0	349 0	354 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	150 0
700	347 0	342 0	336 0	340 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	151 0
800	336 0	333 0	327 0	329 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	158 0
900	336 0	333 0	327 0	329 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	160 0
1000	334 0	331 0	324 0	329 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	160 0
1100	333 0	331 0	322 0	325 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1200	334 0	329 0	322 0	324 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1300	338 0	334 0	325 0	329 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1400	329 0	325 0	317 0	320 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1500	317 0	314 0	306 0	310 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1600	322 0	314 0	308 0	310 0	320 2	320 2	-11 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1700	324 0	320 0	312 0	314 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1800	324 0	322 0	310 0	314 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
1900	322 0	317 0	312 0	314 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
2000	322 0	317 0	310 0	312 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
2100	320 0	315 0	306 0	310 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
2200	315 0	312 0	308 0	308 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
2300	312 0	308 0	301 0	303 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	161 0
2400	306 0	303 0	294 0	297 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	50	A	S	50	B	S	150A	S	150B	S	S	50	A	S	S	S	50	B	S	S	S	50	B	S	S	S	150A	S	S	S	150B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

	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	S	RAIN S
100	306 0	303 0	294 0	297 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
200	306 0	303 0	296 0	297 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
300	310 0	305 0	297 0	301 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
400	310 0	305 0	299 0	301 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
500	308 0	305 0	297 0	299 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
600	308 0	305 0	297 0	299 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
700	310 0	305 0	299 0	301 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
800	314 0	310 0	303 0	305 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
900	322 0	322 0	315 0	320 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1000	325 0	324 0	320 0	325 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1100	325 0	322 0	322 0	329 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1200	333 0	329 0	320 0	325 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	162 0
1300	342 0	343 0	352 0	370 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 6
1400	349 0	347 0	343 0	351 0	320 2	320 2	-14 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1500	349 0	345 0	336 0	340 0	320 2	320 2	-13 0	-7 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1600	349 0	345 0	338 0	342 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1700	347 0	343 0	336 0	338 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1800	351 0	347 0	340 0	342 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
1900	354 0	351 0	342 0	345 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
2000	360 0	354 0	347 0	349 0	320 2	320 2	-13 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
2100	363 0	360 0	351 0	354 0	320 2	320 2	-11 0	-5 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
2200	367 0	363 0	358 0	360 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
2300	372 0	367 0	361 0	365 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	161 0
2400	372 0	369 0	363 0	365 0	320 2	320 2	-9 0	-4 0	0 0	0 0	320 2	0 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

[illegible][illegible]

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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
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	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8			
	30 A	S	30 A	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	478	1	475	0	473	0	473	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	8	0
200	480	1	475	0	473	0	475	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
300	475	1	473	0	473	0	475	0	320	2	320	2	-4	0	4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
400	477	1	471	0	469	0	471	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
500	475	1	469	0	466	0	468	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
600	469	1	465	0	460	0	452	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
700	448	1	442	0	437	0	439	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
800	446	1	442	0	437	0	439	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
900	439	1	433	0	428	0	430	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	9	0
1000	439	1	435	0	430	0	432	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	15	0
1100	441	1	437	0	432	0	433	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	6
1200	432	1	426	0	421	0	424	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1300	433	1	428	0	424	0	424	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1400	435	1	430	0	424	0	426	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1500	442	1	439	0	432	0	433	0	320	2	320	2	-13	0	-7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1600	444	1	441	0	435	0	441	0	320	2	320	2	-13	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1700	441	1	437	0	430	0	432	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1800	435	1	430	0	426	0	426	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
1900	433	1	430	0	426	0	428	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
2000	432	1	428	0	423	0	424	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
2100	433	1	430	0	424	0	424	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
2200	437	1	435	0	439	0	450	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
2300	442	1	437	0	430	0	433	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
2400	446	1	441	0	435	0	437	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0

[illegible]

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S			
100	450	1	444	0	439	0	441	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
200	457	1	451	0	446	0	450	0	320	2	320	2	-9	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
300	468	1	462	0	460	0	462	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
400	473	1	469	0	466	0	469	0	320	2	320	2	-7	0	0	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	13	0
500	484	1	477	0	478	0	480	0	320	2	320	2	-5	0	2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	14	0
600	495	1	491	0	500	0	502	0	320	2	320	2	5	0	11	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	15	0
700	489	1	486	0	489	0	491	0	320	2	320	2	0	0	5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
800	478	1	475	0	471	0	473	0	320	2	320	2	-7	0	-2	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
900	464	1	460	0	455	0	457	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1000	457	1	453	0	444	0	448	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1100	457	1	451	0	457	0	466	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1200	450	1	444	0	442	0	448	0	320	2	320	2	-9	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1300	441	1	435	0	435	0	441	0	320	2	320	2	-11	0	-4	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1400	423	1	415	0	414	0	415	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1500	406	1	401	0	394	0	397	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1600	406	1	403	0	397	0	403	0	320	2	320	2	-14	0	-7	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1700	405	1	401	0	392	0	396	0	320	2	320	2	-11	0	-5	0	0	0	0	0	320	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1800	401	1	396	0	403	0	396	0	320	2	320	2	-11	0	-5	0	0	0	0	0	171	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
1900	396	1	392	0	387	0	387	0	320	2	320	2	-11	0	-4	0	0	0	0	0	166	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
2000	392	1	385	0	381	0	385	0	320	2	320	2	-11	0	-4	0	0	0	0	0	166	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
2100	397	1	392	0	387	0	388	0	320	2	320	2	-9	0	-4	0	0	0	0	0	168	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
2200	403	1	399	0	392	0	396	0	320	2	320	2	-9	0	-4	0	0	0	0	0	170	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
2300	387	0	379	0	378	0	376	0	320	2	320	2	-11	0	-5	0	0	0	0	0	166	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0
2400	379	0	376	0	370	0	372	0	320	2	320	2	-9	0	-4	0	0	0	0	0	162	2	0	2	0	2	0	2	0	2	0	2	0	2	20	0

STATUS CODE(9) 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	44 0	54 0	63 0	69 0	0 0	0 0	75 0 125 43	70 0 103 48	57 0 78 43	61 0 90 49	0 0 0 0	0 0 0 0
200	48 0	55 0	75 0	82 0	0 0	0 0	78 0 101 49	71 0 94 39	56 0 70 40	59 0 74 39	0 0 0 0	0 0 0 0
300	63 0	75 0	94 0	103 0	0 0	0 0	75 0 100 38	69 0 97 45	51 0 75 31	56 0 70 40	0 0 0 0	0 0 0 0
400	73 0	84 0	101 0	110 0	0 0	0 0	77 0 106 45	69 0 96 41	53 0 70 32	56 0 80 38	0 0 0 0	0 0 0 0
500	94 0	106 0	125 0	135 0	0 0	0 0	77 0 101 53	71 0 101 47	57 0 81 42	60 0 81 34	0 0 0 0	0 0 0 0
600	95 0	106 0	132 0	127 0	0 0	0 0	88 0 121 65	84 0 115 54	67 0 87 49	70 0 94 49	0 0 0 0	0 0 0 0
700	93 0	94 0	124 0	117 0	0 0	0 0	96 0 123 58	91 0 121 62	77 0 104 57	80 0 97 61	0 0 0 0	0 0 0 0
800	98 0	98 0	137 0	129 0	0 0	0 0	104 0 142 68	99 0 138 73	88 0 110 68	91 0 114 71	0 0 0 0	0 0 0 0
900	116 0	119 0	156 0	149 0	0 0	0 0	100 0 142 66	97 0 155 69	87 0 110 68	90 0 121 73	0 0 0 0	0 0 0 0
1000	134 0	133 0	177 0	167 0	0 0	0 0	112 0 152 75	105 0 155 56	96 0 139 73	99 0 135 74	0 0 0 0	0 0 0 0
1100	118 0	116 0	152 0	147 0	0 0	0 0	114 0 138 83	106 0 165 65	97 0 120 64	101 0 122 74	0 0 0 0	0 0 0 0
1200	209 0	197 0	269 0	242 0	0 0	0 0	122 0 167 82	115 0 143 88	106 0 151 91	109 0 139 87	0 0 0 0	0 0 0 0
1300	121 0	119 0	152 0	146 0	0 0	0 0	122 0 142 93	114 0 135 78	105 0 128 87	109 0 124 90	0 0 0 0	0 0 0 0
1400	119 0	116 0	162 0	151 0	0 0	0 0	115 0 146 81	110 0 133 84	98 0 117 85	102 0 146 86	0 0 0 0	0 0 0 0
1500	138 0	135 0	173 0	162 0	0 0	0 0	118 0 149 84	113 0 135 84	99 0 113 79	103 0 125 90	0 0 0 0	0 0 0 0
1600	155 0	139 0	204 0	178 0	0 0	0 0	118 0 155 73	111 0 146 79	98 0 128 78	102 0 127 78	0 0 0 0	0 0 0 0
1700	128 0	129 0	174 0	167 0	0 0	0 0	100 0 136 72	94 0 125 68	86 0 124 64	91 0 112 67	0 0 0 0	0 0 0 0
1800	130 0	130 0	179 0	170 0	0 0	0 0	105 0 130 55	100 0 134 73	87 0 110 60	92 0 107 70	0 0 0 0	0 0 0 0
1900	205 0	202 0	262 0	251 0	0 0	0 0	125 0 148 99	121 0 148 96	107 0 126 77	112 0 139 92	0 0 0 0	0 0 0 0
2000	191 0	185 0	231 0	218 0	0 0	0 0	122 0 143 91	117 0 140 84	106 0 138 89	110 0 136 91	0 0 0 0	0 0 0 0
2100	283 0	288 0	359 0	351 0	0 0	0 0	128 0 161 103	125 0 156 103	111 0 132 92	117 0 142 94	0 0 0 0	0 0 0 0
2200	161 0	156 0	208 0	197 0	0 0	0 0	120 0 149 94	115 0 140 84	102 0 129 84	107 0 127 89	0 0 0 0	0 0 0 0
2300	193 0	169 0	248 0	236 0	0 0	0 0	124 0 152 98	119 0 140 90	104 0 123 86	109 0 127 85	0 0 0 0	0 0 0 0
2400	215 0	217 0	264 0	256 0	0 0	0 0	125 0 152 93	121 0 145 96	107 0 121 87	113 0 130 96	0 0 0 0	0 0 0 0

	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	372 0	367 0	370 0	320 2	320 2	-7 0	-4 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
200	372 0	367 0	365 0	367 0	320 2	320 2	-5 0	0 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
300	372 0	367 0	363 0	365 0	320 2	320 2	-7 0	-2 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
400	367 0	363 0	358 0	366 0	320 2	320 2	-9 0	-4 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
500	360 0	354 0	351 0	354 0	320 2	320 2	-7 0	-2 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
600	354 0	351 0	345 0	347 0	320 2	320 2	-9 0	-4 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
700	352 0	347 0	342 0	345 0	320 2	320 2	-9 0	-4 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
800	356 0	351 0	345 0	347 0	320 2	320 2	-9 0	-4 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
900	358 0	352 0	349 0	347 0	320 2	320 2	-11 0	-7 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
1000	370 0	367 0	356 0	360 0	320 2	320 2	-13 0	-7 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
1100	378 0	369 0	369 0	363 0	320 2	320 2	-13 0	-7 0	0 0	0 0	166 2	0 2	0 2	0 2	0 2	0 2	0 2	20 0
1200	390 0	385 0	383 0	383 0	320 2	320 2	-11 0	-5 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	21 0
1300	376 0	369 0	361 0	363 0	320 2	320 2	-11 0	-5 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	22 0
1400	372 0	367 0	361 0	365 0	320 2	320 2	-11 0	-5 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0
1500	372 0	369 0	361 0	355 0	320 2	320 2	-11 0	-5 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
1600	374 0	370 0	367 0	357 0	320 2	320 2	-11 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	42 0
1700	381 0	378 0	370 0	374 0	320 2	320 2	-9 0	-4 0	0 0	0 0	164 2	0 2	0 2	0 2	0 2	0 2	0 2	43 0
1800	385 0	379 0	376 0	378 0	320 2	320 2	-9 0	-4 0	0 0	0 0	168 2	0 2	0 2	0 2	0 2	0 2	0 2	45 0
1900	390 0	387 0	379 0	383 0	320 2	320 2	-9 0	-5 0	0 0	0 0	166 2	0 2	0 2	0 2	0 2	0 2	0 2	47 0
2000	390 0	383 0	379 0	379 0	320 2	320 2	-9 0	-5 0	0 0	0 0	170 2	0 2	0 2	0 2	0 2	0 2	0 2	53 0
2100	390 0	385 0	378 0	381 0	320 2	320 2	-11 0	-5 0	0 0	0 0	168 2	0 2	0 2	0 2	0 2	0 2	0 2	58 0
2200	396 0	388 0	387 0	387 0	320 2	320 2	-7 0	-2 0	0 0	0 0	171 2	0 2	0 2	0 2	0 2	0 2	0 2	58 0
2300	399 0	395 0	390 0	392 0	320 2	320 2	-7 0	-2 0	0 0	0 0	171 2	0 2	0 2	0 2	0 2	0 2	0 2	58 0
2400	399 0	394 0	388 0	388 0	320 2	320 2	-11 0	-5 0	0 0	0 0	171 2	0 2	0 2	0 2	0 2	0 2	0 2	60 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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND					
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6	MIN	MAX	DIR6	MIN	MAX	DIR6	MIN	MAX		
	50 A S	50 B S	150A S	150B S	S	S	50 A S	S	S	50 B S	150A S	S	150B S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	180	0	184	0	233	0	233	0	0	0	128	0	153	100	123	0	152	95	113	0	137	101	118	0	138	105	0	0	0	0	0	0
200	229	0	234	0	291	0	287	0	0	0	129	0	156	102	122	0	138	95	114	0	128	95	120	0	133	104	0	0	0	0	0	0
300	218	0	235	0	289	0	291	0	0	0	132	0	155	108	128	0	153	92	120	0	156	100	126	0	142	102	0	0	0	0	0	0
400	229	0	239	0	287	0	286	0	0	0	132	0	149	114	129	0	154	107	118	0	138	99	123	0	148	99	0	0	0	0	0	0
500	244	0	256	0	314	0	317	0	0	0	133	0	170	114	130	0	157	97	120	0	132	106	126	0	140	108	0	0	0	0	0	0
600	168	0	190	0	251	0	246	0	0	0	139	0	182	109	138	0	183	117	131	0	155	117	137	0	150	124	0	0	0	0	0	0
700	137	0	160	0	227	0	225	0	0	0	144	0	182	113	141	0	179	120	135	0	154	116	141	0	156	128	0	0	0	0	0	0
800	90	0	100	0	150	0	151	0	0	0	156	0	215	114	149	0	208	113	144	0	175	113	147	0	179	118	0	0	0	0	0	0
900	92	0	95	0	161	0	154	0	0	0	178	0	258	110	172	0	242	106	173	0	193	154	174	0	196	152	0	0	0	0	0	0
1000	224	0	207	0	322	0	292	0	0	0	258	0	292	225	247	0	273	211	245	0	267	229	242	0	257	231	0	0	0	0	0	0
1100	242	0	226	0	365	0	325	0	0	0	259	0	308	217	248	0	288	214	245	0	260	233	243	0	265	230	0	0	0	0	0	0
1200	221	0	221	0	338	0	312	0	0	0	266	0	300	234	257	0	302	220	251	0	271	230	249	0	266	226	0	0	0	0	0	0
1300	231	0	217	0	324	0	301	0	0	0	260	0	317	222	253	0	291	213	247	0	274	226	245	0	277	227	0	0	0	0	0	0
1400	255	0	226	0	347	0	315	0	0	0	256	0	292	212	248	0	301	214	242	0	268	228	240	0	270	227	0	0	0	0	0	0
1500	268	0	256	0	379	0	350	0	0	0	266	0	307	226	257	0	321	223	250	0	269	236	247	0	268	232	0	0	0	0	0	0
1600	222	0	214	0	329	0	317	0	0	0	268	0	321	223	259	0	346	227	253	0	279	236	251	0	281	219	0	0	0	0	0	0
1700	243	0	233	0	341	0	316	0	0	0	262	0	299	224	253	0	285	211	248	0	268	228	247	0	265	220	0	0	0	0	0	0
1800	322	0	342	0	385	0	398	0	0	0	275	0	294	254	265	0	286	229	260	0	271	250	258	0	280	249	0	0	0	0	0	0
1900	224	0	216	0	343	0	311	0	0	0	270	0	310	218	257	0	293	230	250	0	274	221	247	0	276	224	0	0	0	0	0	0
2000	257	0	276	0	282	0	276	0	0	0	277	0	298	258	266	0	287	235	262	0	275	253	259	0	272	240	0	0	0	0	0	0
2100	216	0	205	0	331	0	307	0	0	0	264	0	314	218	258	0	325	215	250	0	267	233	247	0	270	223	0	0	0	0	0	0
2200	244	0	236	0	333	0	326	0	0	0	269	0	300	211	259	0	322	216	253	0	279	230	251	0	283	232	0	0	0	0	0	0
2300	286	0	256	0	344	0	353	0	0	0	276	0	307	249	264	0	286	217	260	0	272	249	256	0	267	245	0	0	0	0	0	0
2400	254	0	272	0	324	0	331	0	0	0	275	0	302	228	264	0	293	218	258	0	273	235	255	0	265	227	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
	30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S
100	403	0	397	0	390	0	394	0	320	2	320	2	-9	0	-4	0	0	0	0	0	171	2	0	2	0	2	0	2	0	2	0	2	0	2	67	0
200	403	0	399	0	392	0	396	0	320	2	320	2	-9	0	-4	0	0	0	0	0	173	2	0	2	0	2	0	2	0	2	0	2	0	2	80	0
300	403	0	397	0	394	0	394	0	320	2	320	2	-9	0	-4	0	0	0	0	0	173	2	0	2	0	2	0	2	0	2	0	2	0	2	88	0
400	405	0	401	0	394	0	397	0	320	2	320	2	-9	0	-4	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	99	0
500	410	0	405	0	399	0	401	0	320	2	320	2	-9	0	-4	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	102	0
600	408	0	403	0	399	0	401	0	320	2	320	2	-7	0	-4	0	0	0	0	0	173	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
700	410	0	405	0	401	0	403	0	320	2	320	2	-7	0	-4	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
800	414	0	406	0	405	0	406	0	320	2	320	2	-7	0	-2	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
900	424	0	421	0	415	0	419	0	320	2	320	2	-7	0	-2	0	0	0	0	0	180	2	0	2	0	2	0	2	0	2	0	2	0	2	110	0
1000	437	0	426	0	430	0	426	0	320	2	320	2	-7	0	-2	0	0	0	0	0	180	2	0	2	0	2	0	2	0	2	0	2	0	2	0	6
1100	430	0	421	0	419	0	417	0	320	2	320	2	-11	0	-5	0	0	0	0	0	182	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	405	0	399	0	392	0	394	0	320	2	320	2	-11	0	-7	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	397	0	390	0	392	0	387	0	320	2	320	2	-11	0	-7	0	0	0	0	0	177	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	396	0	390	0	385	0	385	0	320	2	320	2	-13	0	-7	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	390	0	379	0	390	0	378	0	320	2	320	2	-13	0	-5	0	0	0	0	0	173	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	397	0	394	0	397	0	394	0	320	2	320	2	-13	0	-5	0	0	0	0	0	188	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	403	0	397	0	392	0	394	0	320	2	320	2	-11	0	-5	0	0	0	0	0	177	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	406	0	403	0	394	0	396	0	320	2	320	2	-14	0	-7	0	0	0	0	0	179	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	408	0	403	0	397	0	399	0	320	2	320	2	-11	0	-4	0	0	0	0	0	180	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	388	0	393	0	376	0	378	0	320	2	320	2	-14	0	-7	0	0	0	0	0	173	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	405	0	392	0	397	0	392	0	320	2	320	2	-13	0	-5	0	0	0	0	0	184	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	405	0	396	0	399	0	392	0	320	2	320	2	-13	0	-5	0	0	0	0	0	186	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	401	0	396	0	387	0	388	0	320	2	320	2	-14	0	-7	0	0	0	0	0	179	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	394	0	390	0	379	0	383	0	320	2	320	2	-13	0	-7	0	0	0	0	0	177	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6		MIN		MAX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	50	A S	50	B S	150A	S	150B	S		S	50	A S	S		50	B S	B S				150A	S		150B	S				S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

	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	385 0	379 0	381 0	320 2	320 2	-14 0	-7 0	0 0	0 0	177 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	390 0	387 0	378 0	379 0	320 2	320 2	-14 0	-7 0	0 0	0 0	175 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	388 0	385 0	376 0	378 0	320 2	320 2	-14 0	-7 0	0 0	0 0	175 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	388 0	383 0	376 0	378 0	320 2	320 2	-13 0	-7 0	0 0	0 0	175 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	388 0	383 0	376 0	378 0	320 2	320 2	-13 0	-5 0	0 0	0 0	173 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	387 0	381 0	376 0	378 0	320 2	320 2	-11 0	-4 0	0 0	0 0	171 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	385 0	381 0	374 0	376 0	320 2	320 2	-13 0	-5 0	0 0	0 0	168 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	383 0	375 0	378 0	372 0	320 2	320 2	-13 0	-5 0	0 0	0 0	168 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	383 0	375 0	370 0	372 0	320 2	320 2	-14 0	-7 0	0 0	0 0	170 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	387 0	383 0	372 0	376 0	320 2	320 2	-14 0	-9 0	0 0	0 0	173 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	392 0	365 0	378 0	378 0	320 2	320 2	-16 0	-9 0	0 0	0 0	180 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	415 0	410 0	394 0	397 0	320 2	320 2	-22 0	-14 0	0 0	0 0	188 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	442 0	439 0	430 0	432 0	320 2	320 2	-13 0	-7 0	0 0	0 0	200 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	468 0	455 0	464 0	454 0	320 2	320 2	-4 0	0 0	0 0	0 0	220 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	484 0	475 0	471 0	473 0	320 2	320 2	-13 0	-7 0	0 0	0 0	218 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	520 0	518 0	500 0	502 0	320 2	320 2	-20 0	-16 0	0 0	0 0	216 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	505 0	502 0	496 0	498 0	320 2	320 2	-9 0	-4 0	0 0	0 0	209 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	477 0	475 0	489 0	491 0	320 2	320 2	11 0	18 0	0 0	0 0	197 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	469 0	464 0	484 0	487 0	320 2	320 2	16 0	23 0	0 0	0 0	195 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	450 0	444 0	460 0	464 0	320 2	320 2	11 0	18 0	0 0	0 0	189 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	453 0	450 0	466 0	469 0	320 2	320 2	13 0	18 0	0 0	0 0	197 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	450 0	444 0	464 0	468 0	320 2	320 2	14 0	20 0	0 0	0 0	195 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	460 0	455 0	460 0	461 0	320 2	320 2	0 0	7 0	0 0	0 0	200 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	473 0	455 0	468 0	471 0	320 2	320 2	-5 0	2 0	0 0	0 0	206 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

[illegible][illegible]

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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 S	MIN 50	MAX B S	WIND DIR2 S	MIN 150A	MAX B	WIND DIR3 S	MIN 150B	MAX S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S	MIN S	MAX S
100	111 0	121 0	212 0	204 0	0 0	0 0	180 0	221	126	172 0	261 111	168 0	190 136	172 0	205 152	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
200	100 0	106 0	216 0	195 0	0 0	0 0	195 0	262	116	189 0	241 146	179 0	199 153	180 0	206 161	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
300	161 0	182 0	218 0	210 0	0 0	0 0	270 0	318	214	261 0	319 214	254 0	294 208	252 0	298 208	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
400	94 0	90 0	152 0	131 0	0 0	0 0	233 0	335	181	222 0	267 163	206 0	237 171	207 0	241 173	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
500	112 0	105 0	190 0	152 0	0 0	0 0	221 0	263	173	212 0	264 139	195 0	219 164	196 0	221 167	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
600	138 0	124 0	197 0	172 0	0 0	0 0	226 0	266	153	214 0	265 124	205 0	239 170	205 0	236 179	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
700	87 0	80 0	151 0	131 0	0 0	0 0	225 0	327	187	209 0	247 101	197 0	246 162	198 0	268 173	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
800	78 0	76 0	138 0	122 0	0 0	0 0	210 0	269	136	203 0	266 118	191 0	222 167	191 0	226 167	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	77 0	85 0	152 0	141 0	0 0	0 0	188 0	269	121	178 0	263 96	176 0	213 145	177 0	201 148	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	89 0	90 0	167 0	157 0	0 0	0 0	185 0	243	98	179 0	264 110	175 0	197 136	175 0	212 149	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	92 0	94 0	160 0	161 0	0 0	0 0	178 0	256	105	172 0	243 104	169 0	200 132	170 0	208 141	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	72 0	77 0	144 0	132 0	0 0	0 0	191 0	262	94	187 0	263 94	177 0	212 134	178 0	205 140	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	59 0	60 0	97 0	94 0	0 0	0 0	195 0	266	97	190 0	264 113	182 0	260 115	185 0	264 122	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	60 0	64 0	109 0	109 0	0 0	0 0	166 0	250	109	159 0	224 90	159 0	216 91	161 0	191 124	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	63 0	62 0	113 0	118 0	0 0	0 0	167 0	230	108	163 0	245 94	163 0	236 119	162 0	183 124	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	85 0	95 0	144 0	145 0	0 0	0 0	145 0	189	115	142 0	190 103	142 0	214 119	144 0	183 122	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	114 0	116 0	206 0	203 0	0 0	0 0	171 0	238	106	163 0	258 101	164 0	197 136	167 0	195 144	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	121 0	126 0	242 0	212 0	0 0	0 0	193 0	261	109	185 0	265 121	180 0	205 153	181 0	208 156	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	105 0	111 0	210 0	200 0	0 0	0 0	179 0	232	117	172 0	231 102	170 0	194 134	172 0	196 140	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	126 0	114 0	208 0	180 0	0 0	0 0	240 0	278	183	228 0	273 189	222 0	243 198	222 0	240 196	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	187 0	159 0	279 0	239 0	0 0	0 0	240 0	276	180	231 0	290 193	220 0	242 190	221 0	257 191	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	263 0	246 0	412 0	378 0	0 0	0 0	261 0	293	218	251 0	287 197	247 0	272 223	245 0	264 224	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	352 0	345 0	500 0	491 0	0 0	0 0	273 0	336	232	264 0	343 231	258 0	326 231	254 0	308 223	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	379 0	378 0	490 0	496 0	0 0	0 0	274 0	329	223	266 0	337 227	262 0	323 234	257 0	312 235	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

	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	583 0	577 0	579 0	581 0	320 2	320 2	-4 0	4 0	0 0	0 0	245 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
200	585 0	581 0	590 0	592 0	320 2	320 2	2 0	9 0	0 0	0 0	245 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
300	592 0	585 0	590 0	594 0	320 2	320 2	2 0	5 0	0 0	0 0	251 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
400	601 0	595 0	603 0	604 0	320 2	320 2	0 0	7 0	0 0	0 0	249 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
500	612 0	606 0	604 0	606 0	320 2	320 2	-7 0	0 0	0 0	0 0	256 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
600	610 0	606 0	601 0	604 0	320 2	320 2	-9 0	-4 0	0 0	0 0	256 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
700	603 0	597 0	594 0	595 0	320 2	320 2	-9 0	2 0	0 0	0 0	252 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
800	597 0	592 0	592 0	590 0	320 2	320 2	-9 0	-4 0	0 0	0 0	251 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
900	594 0	588 0	583 0	585 0	320 2	320 2	-11 0	-4 0	0 0	0 0	251 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1000	595 0	585 0	592 0	588 0	320 2	320 2	-13 0	-7 0	0 0	0 0	247 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1100	604 0	595 0	595 0	590 0	320 2	320 2	-16 0	-9 0	0 0	0 0	249 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1200	608 0	603 0	597 0	595 0	320 2	320 2	-14 0	-9 0	0 0	0 0	252 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1300	631 0	621 0	621 0	615 0	320 2	320 2	-23 0	-18 0	0 0	0 0	260 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1400	633 0	621 0	628 0	617 0	320 2	320 2	-18 0	-13 0	0 0	0 0	258 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1500	631 0	621 0	631 0	624 0	320 2	320 2	-13 0	-7 0	0 0	0 0	251 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1600	626 0	619 0	622 0	617 0	320 2	320 2	-11 0	-7 0	0 0	0 0	256 2	0 2	0 2	0 2	0 2	0 2	0 2	167 0
1700	613 0	606 0	606 0	608 0	320 2	320 2	-7 0	0 0	0 0	0 0	249 2	0 2	0 2	0 2	0 2	0 2	0 2	192 0
1800	635 0	630 0	628 0	630 0	320 2	320 2	-7 0	0 0	0 0	0 0	258 2	0 2	0 2	0 2	0 2	0 2	0 2	192 0
1900	631 0	626 0	626 0	628 0	320 2	320 2	-5 0	2 0	0 0	0 0	231 2	0 2	0 2	0 2	0 2	0 2	0 2	197 0
2000	603 0	597 0	606 0	608 0	320 2	320 2	4 0	11 0	0 0	0 0	215 2	0 2	0 2	0 2	0 2	0 2	0 2	237 0
2100	595 0	590 0	586 0	588 0	320 2	320 2	-9 0	2 0	0 0	0 0	215 2	0 2	0 2	0 2	0 2	0 2	0 2	240 0
2200	545 0	540 0	540 0	541 0	320 2	320 2	-5 0	0 0	0 0	0 0	198 2	0 2	0 2	0 2	0 2	0 2	0 2	240 0
2300	403 0	397 0	405 0	392 0	320 2	320 2	-16 0	-7 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	2 6
2400	372 0	367 0	403 0	374 0	320 2	320 2	-16 0	-7 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	3 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

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 50	MAX B S	WIND DIR2 150A S	MIN 150A	MAX B S	WIND DIR3 150B S	MIN 150B	MAX S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S	MIN S	MAX S
100	351 0	367 0	418 0	431 0	0 0	275 0	298	241	265 0	338	232	263 0	333	235	259 0	323	234	0 0	0	0	0 0	0	0
200	306 0	314 0	385 0	389 0	0 0	273 0	301	219	261 0	282	225	257 0	281	228	255 0	277	235	0 0	0	0	0 0	0	0
300	280 0	258 0	368 0	354 0	0 0	271 0	301	197	262 0	347	221	257 0	316	230	254 0	301	226	0 0	0	0	0 0	0	0
400	331 0	333 0	377 0	395 0	0 0	275 0	301	213	267 0	346	213	263 0	327	238	260 0	312	236	0 0	0	0	0 0	0	0
500	270 0	280 0	329 0	329 0	0 0	272 0	309	219	262 0	287	223	256 0	272	229	255 0	271	234	0 0	0	0	0 0	0	0
600	282 0	298 0	343 0	351 0	0 0	273 0	302	245	264 0	279	228	260 0	279	236	256 0	276	232	0 0	0	0	0 0	0	0
700	294 0	309 0	334 0	347 0	0 0	275 0	304	240	264 0	297	237	261 0	280	241	258 0	277	230	0 0	0	0	0 0	0	0
800	249 0	250 0	287 0	286 0	0 0	279 0	308	233	268 0	300	229	265 0	298	247	262 0	294	238	0 0	0	0	0 0	0	0
900	231 0	230 0	292 0	292 0	0 0	271 0	296	228	261 0	307	204	257 0	321	219	254 0	305	228	0 0	0	0	0 0	0	0
1000	237 0	235 0	278 0	299 0	0 0	278 0	308	241	274 0	354	224	268 0	332	241	264 0	322	229	0 0	0	0	0 0	0	0
1100	212 0	210 0	254 0	268 0	0 0	276 0	321	221	273 0	350	239	265 0	330	224	261 0	321	236	0 0	0	0	0 0	0	0
1200	206 0	210 0	269 0	263 0	0 0	268 0	306	225	261 0	332	212	255 0	320	235	253 0	300	226	0 0	0	0	0 0	0	0
1300	207 0	223 0	262 0	264 0	0 0	272 0	319	218	263 0	292	232	256 0	271	230	253 0	267	223	0 0	0	0	0 0	0	0
1400	193 0	197 0	252 0	257 0	0 0	273 0	304	224	264 0	351	218	257 0	323	231	254 0	308	237	0 0	0	0	0 0	0	0
1500	222 0	224 0	254 0	264 0	0 0	272 0	301	233	265 0	353	229	259 0	325	241	256 0	315	235	0 0	0	0	0 0	0	0
1600	196 0	200 0	261 0	261 0	0 0	270 0	303	207	263 0	329	215	257 0	302	241	254 0	297	243	0 0	0	0	0 0	0	0
1700	201 0	209 0	247 0	258 0	0 0	274 0	306	226	267 0	351	226	263 0	322	238	260 0	308	234	0 0	0	0	0 0	0	0
1800	194 0	204 0	226 0	227 0	0 0	275 0	306	252	262 0	299	232	262 0	291	245	260 0	291	241	0 0	0	0	0 0	0	0
1900	192 0	193 0	214 0	218 0	0 0	278 0	312	252	265 0	303	230	267 0	302	238	266 0	300	237	0 0	0	0	0 0	0	0
2000	168 0	175 0	195 0	196 0	0 0	282 0	322	242	268 0	317	235	269 0	304	241	267 0	308	230	0 0	0	0	0 0	0	0
2100	162 0	171 0	196 0	203 0	0 0	298 0	332	254	288 0	317	235	285 0	342	231	283 0	358	235	0 0	0	0	0 0	0	0
2200	162 0	161 0	203 0	208 0	0 0	300 0	341	255	289 0	335	232	289 0	313	249	285 0	310	247	0 0	0	0	0 0	0	0
2300	142 0	143 0	182 0	185 0	0 0	305 0	332	267	294 0	327	255	292 0	308	245	289 0	306	258	0 0	0	0	0 0	0	0
2400	150 0	156 0	187 0	187 0	0 0	309 0	343	271	296 0	320	270	295 0	318	260	292 0	305	263	0 0	0	0	0 0	0	0

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	340 0	322 0	324 0	324 0	320 2	320 2	-16 0	-9 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	3 0
200	310 0	306 0	296 0	297 0	320 2	320 2	-16 0	-9 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	3 0
300	281 0	282 0	272 0	285 0	320 2	320 2	-16 0	-5 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	3 0
400	278 0	297 0	287 0	315 0	320 2	320 2	-16 0	-9 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	3 0
500	265 0	261 0	251 0	251 0	320 2	320 2	-14 0	-9 0	0 0	0 0	105 2	0 2	0 2	0 2	0 2	0 2	3 0
600	252 0	247 0	236 0	238 0	320 2	320 2	-16 0	-9 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	3 0
700	245 0	242 0	233 0	234 0	320 2	320 2	-14 0	-9 0	0 0	0 0	99 2	0 2	0 2	0 2	0 2	0 2	3 0
800	247 0	243 0	233 0	236 0	320 2	320 2	-14 0	-7 0	0 0	0 0	98 2	0 2	0 2	0 2	0 2	0 2	3 0
900	251 0	252 0	242 0	249 0	320 2	320 2	-16 0	-9 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	3 0
1000	249 0	247 0	310 0	287 0	320 2	320 2	-14 0	-9 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	3 0
1100	243 0	278 0	294 0	269 0	320 2	320 2	-16 0	-11 0	0 0	0 0	126 2	0 2	0 2	0 2	0 2	0 2	3 0
1200	251 0	272 0	243 0	265 0	320 2	320 2	-20 0	-13 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	3 0
1300	252 0	249 0	234 0	238 0	320 2	320 2	-18 0	-11 0	0 0	0 0	105 2	0 2	0 2	0 2	0 2	0 2	3 0
1400	258 0	312 0	270 0	263 0	320 2	320 2	-18 0	-13 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	3 0
1500	265 0	281 0	269 0	263 0	320 2	320 2	-16 0	-9 0	0 0	0 0	123 2	0 2	0 2	0 2	0 2	0 2	3 0
1600	278 0	262 0	287 0	281 0	320 2	320 2	-16 0	-9 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	3 0
1700	285 0	290 0	312 0	288 0	320 2	320 2	-14 0	-7 0	0 0	0 0	125 2	0 2	0 2	0 2	0 2	0 2	3 0
1800	283 0	281 0	272 0	274 0	320 2	320 2	-13 0	-5 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	3 0
1900	285 0	281 0	272 0	285 0	320 2	320 2	-13 0	-5 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	3 0
2000	283 0	276 0	270 0	287 0	320 2	320 2	-13 0	-7 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	3 0
2100	274 0	270 0	263 0	255 0	320 2	320 2	-13 0	-5 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	3 0
2200	276 0	270 0	261 0	265 0	320 2	320 2	-13 0	-7 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	3 0
2300	274 0	265 0	260 0	261 0	320 2	320 2	-13 0	-7 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	3 0
2400	269 0	263 0	254 0	258 0	320 2	320 2	-13 0	-5 0	0 0	0 0	107 2	0 2	0 2	0 2	0 2	0 2	3 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX 50 B S		WIND DIR2		MIN MAX 150A S		WIND DIR3		MIN MAX 150B S		WIND DIR4		MIN MAX S		WIND DIR5		MIN MAX S		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S																						
100	143	0	150	0	188	0	179	0	0	0	0	0	323	0	356	283	311	0	351	263	314	0	340	291	309	0	341	292	0	0	0	0	0	0
200	126	0	127	0	162	0	160	0	0	0	0	0	313	0	350	285	303	0	352	271	303	0	331	285	300	0	320	282	0	0	0	0	0	0
300	95	0	102	0	131	0	131	0	0	0	0	0	332	0	30	273	320	0	6	271	320	0	344	285	315	0	341	294	0	0	0	0	0	0
400	81	0	84	0	111	0	107	0	0	0	0	0	320	0	20	277	308	0	350	252	314	0	346	284	309	0	333	275	0	0	0	0	0	0
500	73	0	78	0	94	0	95	0	0	0	0	0	331	0	0	283	317	0	350	266	318	0	358	287	314	0	336	291	0	0	0	0	0	0
600	84	0	89	0	106	0	107	0	0	0	0	0	338	0	21	297	326	0	9	273	325	0	359	306	322	0	350	298	0	0	0	0	0	0
700	78	0	84	0	109	0	107	0	0	0	0	0	349	0	40	299	335	0	39	276	334	0	357	307	328	0	351	293	0	0	0	0	0	0
800	60	0	65	0	89	0	85	0	0	0	0	0	27	0	88	321	15	0	64	306	357	0	45	307	355	0	47	292	0	0	0	0	0	0
900	66	0	72	0	94	0	90	0	0	0	0	0	30	0	85	270	22	0	100	302	0	0	42	300	0	0	50	306	0	0	0	0	0	0
1000	66	0	72	0	89	0	88	0	0	0	0	0	49	0	88	23	42	0	113	0	22	0	65	350	24	0	62	347	0	0	0	0	0	0
1100	66	0	73	0	75	0	81	0	0	0	0	0	77	0	105	43	71	0	111	34	51	0	82	346	55	0	96	17	0	0	0	0	0	0
1200	64	0	76	0	90	0	88	0	0	0	0	0	70	0	128	6	66	0	158	0	48	0	112	328	55	0	130	1	0	0	0	0	0	0
1300	81	0	84	0	96	0	95	0	0	0	0	0	57	0	117	9	48	0	103	12	39	0	89	8	41	0	79	356	0	0	0	0	0	0
1400	77	0	80	0	91	0	88	0	0	0	0	0	37	0	75	354	30	0	82	357	24	0	74	355	26	0	69	354	0	0	0	0	0	0
1500	67	0	76	0	87	0	87	0	0	0	0	0	52	0	104	26	49	0	120	8	40	0	78	6	44	0	115	18	0	0	0	0	0	0
1600	83	0	91	0	101	0	102	0	0	0	0	0	82	0	119	35	79	0	139	23	68	0	93	33	72	0	124	44	0	0	0	0	0	0
1700	99	0	102	0	125	0	119	0	0	0	0	0	98	0	126	71	92	0	126	67	80	0	111	62	83	0	102	59	0	0	0	0	0	0
1800	93	0	97	0	139	0	130	0	0	0	0	0	91	0	109	71	87	0	145	69	72	0	84	353	76	0	120	62	0	0	0	0	0	0
1900	82	0	87	0	127	0	120	0	0	0	0	0	85	0	114	58	82	0	131	53	66	0	93	353	72	0	121	57	0	0	0	0	0	0
2000	95	0	96	0	126	0	118	0	0	0	0	0	109	0	139	77	104	0	135	75	92	0	115	65	95	0	110	69	0	0	0	0	0	0
2100	130	0	125	0	177	0	172	0	0	0	0	0	108	0	147	77	106	0	95	74	91	0	109	76	95	0	159	77	0	0	0	0	0	0
2200	129	0	127	0	154	0	158	0	0	0	0	0	120	0	168	95	121	0	130	72	97	0	116	63	106	0	121	73	0	0	0	0	0	0
2300	139	0	134	0	174	0	168	0	0	0	0	0	118	0	144	67	113	0	141	65	103	0	131	71	105	0	128	74	0	0	0	0	0	0
2400	112	0	112	0	152	0	146	0	0	0	0	0	117	0	147	75	114	0	142	89	103	0	123	81	106	0	125	86	0	0	0	0	0	0

	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	S RAIN S
100	263 0	258 0	251 0	252 0	320 2	320 2	-13 0	-7 0	0 0	0 0	105 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
200	260 0	254 0	245 0	249 0	320 2	320 2	-13 0	-7 0	0 0	0 0	103 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
300	256 0	252 0	243 0	245 0	320 2	320 2	-13 0	-5 0	0 0	0 0	103 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
400	254 0	251 0	243 0	245 0	320 2	320 2	-13 0	-5 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
500	252 0	247 0	242 0	243 0	320 2	320 2	-11 0	-4 0	0 0	0 0	99 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
600	254 0	251 0	243 0	247 0	320 2	320 2	-11 0	-4 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
700	252 0	245 0	243 0	245 0	320 2	320 2	-11 0	-4 0	0 0	0 0	99 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
800	260 0	254 0	249 0	251 0	320 2	320 2	-11 0	-4 0	0 0	0 0	103 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
900	267 0	278 0	263 0	263 0	320 2	320 2	-13 0	-5 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1000	276 0	279 0	278 0	274 0	320 2	320 2	-11 0	-4 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1100	283 0	285 0	276 0	276 0	320 2	320 2	-14 0	-4 0	0 0	0 0	114 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1200	288 0	292 0	310 0	312 0	320 2	320 2	-14 0	-9 0	0 0	0 0	114 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1300	301 0	297 0	287 0	290 0	320 2	320 2	-14 0	-7 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1400	312 0	306 0	310 0	301 0	320 2	320 2	-14 0	-7 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1500	315 0	327 0	327 0	317 0	320 2	320 2	-13 0	-7 0	0 0	0 0	137 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1600	333 0	339 0	331 0	314 0	320 2	320 2	-14 0	-7 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1700	322 0	315 0	310 0	312 0	320 2	320 2	-11 0	-4 0	0 0	0 0	126 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1800	301 0	290 0	303 0	294 0	320 2	320 2	-5 0	2 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1900	290 0	294 0	297 0	308 0	320 2	320 2	-4 0	4 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2000	297 0	292 0	288 0	289 0	320 2	320 2	-9 0	-4 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2100	303 0	308 0	287 0	301 0	320 2	320 2	-11 0	-5 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2200	308 0	287 0	303 0	274 0	320 2	320 2	-11 0	-5 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2300	296 0	292 0	285 0	287 0	320 2	320 2	-13 0	-5 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2400	292 0	266 0	281 0	283 0	320 2	320 2	-13 0	-5 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	0 2	3 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6		
	50	A S	50	B S	150A	B S	150B	S	S	50	A S	S	S	50	B S	S	150A	S	S	150B	S	S	150B	S	S	S	S	S	S	S	S	S	S	S	
100	143	0	131	0	177	0	159	0	0 0	0	0	0	0	115	0	143	94	108	0	132	74	95	0	109	79	97	0	113	73	0	0	0	0	0	0
200	133	0	131	0	170	0	157	0	0 0	0	0	0	0	106	0	135	74	100	0	132	60	88	0	109	64	92	0	111	68	0	0	0	0	0	0
300	140	0	145	0	191	0	182	0	0 0	0	0	0	0	88	0	116	63	80	0	113	43	68	0	82	51	71	0	91	55	0	0	0	0	0	0
400	138	0	140	0	182	0	173	0	0 0	0	0	0	0	103	0	136	60	97	0	128	62	84	0	99	71	86	0	106	74	0	0	0	0	0	0
500	94	0	99	0	132	0	125	0	0 0	0	0	0	0	97	0	129	70	92	0	119	62	80	0	102	65	83	0	101	64	0	0	0	0	0	0
600	41	0	48	0	53	0	59	0	0 0	0	0	0	0	66	0	115	22	61	0	108	21	51	0	88	19	54	0	90	32	0	0	0	0	0	0
700	55	0	60	0	80	0	78	0	0 0	0	0	0	0	100	0	143	44	93	0	134	45	81	0	108	38	84	0	113	50	0	0	0	0	0	0
800	29	0	38	0	41	0	47	0	0 0	0	0	0	0	49	3	105	327	42	0	99	304	44	0	78	334	50	0	138	8	0	0	0	0	0	0
900	57	0	61	0	77	0	76	0	0 0	0	0	0	0	111	0	144	78	108	0	96	74	86	0	104	71	90	0	165	78	0	0	0	0	0	0
1000	67	0	73	0	76	0	79	0	0 0	0	0	0	0	125	0	151	103	129	0	129	103	116	0	129	292	123	0	111	90	0	0	0	0	0	0
1100	38	0	47	0	58	0	62	0	0 0	0	0	0	0	153	0	199	118	153	0	241	119	153	0	236	125	156	0	236	133	0	0	0	0	0	0
1200	41	0	43	0	81	0	71	0	0 0	0	0	0	0	213	0	261	146	211	0	260	146	199	0	222	169	200	0	227	169	0	0	0	0	0	0
1300	211	0	217	0	236	0	248	0	0 0	0	0	0	0	277	0	351	209	270	0	355	243	262	0	288	234	260	0	296	238	0	0	0	0	0	0
1400	172	0	175	0	212	0	213	0	0 0	0	0	0	0	282	0	332	245	271	0	356	237	272	0	324	240	270	0	302	234	0	0	0	0	0	0
1500	197	0	197	0	233	0	234	0	0 0	0	0	0	0	277	0	328	250	266	0	353	226	273	0	329	242	272	0	309	240	0	0	0	0	0	0
1600	211	0	214	0	250	0	260	0	0 0	0	0	0	0	276	0	311	243	267	0	356	234	268	0	329	251	264	0	301	247	0	0	0	0	0	0
1700	190	0	193	0	221	0	222	0	0 0	0	0	0	0	280	0	329	234	268	0	302	236	273	0	308	245	271	0	314	236	0	0	0	0	0	0
1800	165	0	173	0	210	0	213	0	0 0	0	0	0	0	287	0	341	246	276	0	323	237	278	0	309	237	276	0	323	235	0	0	0	0	0	0
1900	130	0	154	0	155	0	187	0	0 0	0	0	0	0	312	0	26	270	278	0	359	225	275	0	320	240	272	0	351	233	0	0	0	0	0	0
2000	134	0	142	0	168	0	166	0	0 0	0	0	0	0	303	0	338	235	292	0	324	243	295	0	340	254	291	0	326	249	0	0	0	0	0	0
2100	181	0	160	0	215	0	215	0	0 0	0	0	0	0	277	0	308	245	264	0	302	225	269	0	298	243	266	0	302	237	0	0	0	0	0	0
2200	152	0	160	0	189	0	191	0	0 0	0	0	0	0	287	0	346	242	274	0	319	218	273	0	311	233	271	0	304	238	0	0	0	0	0	0
2300	165	0	173	0	209	0	218	0	0 0	0	0	0	0	301	0	338	257	290	0	333	221	286	0	320	243	283	0	314	247	0	0	0	0	0	0
2400	116	0	119	0	141	0	143	0	0 0	0	0	0	0	298	0	335	255	287	0	329	225	279	0	315	246	276	0	314	229	0	0	0	0	0	0

	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	270 0	265 0	258 0	261 0	320 2	320 2	-11 0	-4 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
200	267 0	261 0	256 0	258 0	320 2	320 2	-11 0	-4 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
300	267 0	261 0	254 0	258 0	320 2	320 2	-11 0	-3 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
400	270 0	267 0	260 0	261 0	320 2	320 2	-11 0	-3 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
500	270 0	265 0	258 0	261 0	320 2	320 2	-11 0	-3 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
600	269 0	265 0	258 0	261 0	320 2	320 2	-11 0	-4 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
700	269 0	261 0	258 0	258 0	320 2	320 2	-11 0	-4 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
800	272 0	267 0	263 0	261 0	320 2	320 2	-11 0	-4 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
900	272 0	265 0	261 0	261 0	320 2	320 2	-13 0	-3 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1000	281 0	270 0	267 0	263 0	320 2	320 2	-13 0	-3 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1100	297 0	281 0	281 0	270 0	320 2	320 2	-14 0	-7 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 2	7 0
1200	310 0	303 0	294 0	296 0	320 2	320 2	-14 0	-9 0	0 0	0 0	126 2	0 2	0 2	0 2	0 2	0 2	0 2	9 0
1300	363 0	351 0	347 0	343 0	320 2	320 2	-11 0	-3 0	0 0	0 0	125 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
1400	360 0	356 0	349 0	351 0	320 2	320 2	-11 0	-3 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
1500	360 0	349 0	349 0	345 0	320 2	320 2	-11 0	-3 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
1600	361 0	356 0	351 0	349 0	320 2	320 2	-13 0	-3 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
1700	361 0	358 0	349 0	352 0	320 2	320 2	-11 0	-3 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
1800	352 0	349 0	340 0	343 0	320 2	320 2	-13 0	-3 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
1900	351 0	349 0	327 0	343 0	320 2	320 2	-13 0	-3 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	12 6
2000	342 0	336 0	331 0	333 0	320 2	320 2	-11 0	-4 0	0 0	0 0	135 2	0 2	0 2	0 2	0 2	0 2	0 2	0 6
2100	345 0	342 0	334 0	336 0	320 2	320 2	-13 0	-3 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	336 0	331 0	324 0	327 0	320 2	320 2	-13 0	-3 0	0 0	0 0	135 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	334 0	331 0	322 0	325 0	320 2	320 2	-13 0	-3 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	333 0	329 0	322 0	324 0	320 2	320 2	-11 0	-3 0	0 0	0 0	134 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S	50	B S	50	B S	150A	S	150B	S	150B	S	150B	S	150B	S	150B	S	150B	S	150B	S	150B	S
100	109	0	113	0	130	0	133	0	0	0	0	0	289	0	326	243	280	0	320	220	278	0	318	238	274	0	303	230	0	0	0	0	0	0
200	119	0	125	0	144	0	149	0	0	0	0	0	284	0	342	244	271	0	323	210	271	0	316	244	266	0	311	188	0	0	0	0	0	0
300	98	0	104	0	124	0	129	0	0	0	0	0	305	0	344	252	295	0	330	261	292	0	314	267	289	0	310	266	0	0	0	0	0	0
400	101	0	103	0	119	0	120	0	0	0	0	0	279	0	333	227	266	0	319	227	270	0	302	230	266	0	296	230	0	0	0	0	0	0
500	107	0	114	0	127	0	128	0	0	0	0	0	279	0	328	237	267	0	314	221	265	0	296	237	263	0	300	239	0	0	0	0	0	0
600	46	0	46	0	83	0	83	0	0	0	0	0	297	0	352	217	287	0	344	214	280	0	316	230	277	0	314	234	0	0	0	0	0	0
700	33	0	36	0	65	0	59	0	0	0	0	0	209	0	265	121	205	0	266	126	225	0	273	201	224	0	257	206	0	0	0	0	0	0
800	36	0	41	0	36	0	33	0	0	0	0	0	167	0	198	115	164	0	201	129	194	0	245	156	195	0	233	125	0	0	0	0	0	0
900	36	0	41	0	63	0	65	0	0	0	0	0	153	0	186	118	148	0	227	107	159	0	180	136	162	0	178	140	0	0	0	0	0	0
1000	29	0	35	0	69	0	67	0	0	0	0	0	164	0	221	104	160	0	215	112	164	0	188	132	166	0	179	140	0	0	0	0	0	0
1100	40	0	46	0	70	0	69	0	0	0	0	0	173	0	252	126	165	0	212	119	165	0	195	145	167	0	195	149	0	0	0	0	0	0
1200	68	0	76	0	116	0	115	0	0	0	0	0	162	0	209	115	154	0	193	118	150	0	169	128	153	0	176	126	0	0	0	0	0	0
1300	75	0	78	0	134	0	130	0	0	0	0	0	176	0	250	95	173	0	258	91	171	0	213	129	172	0	221	145	0	0	0	0	0	0
1400	70	0	66	0	99	0	87	0	0	0	0	0	233	0	293	188	224	0	264	164	211	0	236	183	211	0	235	190	0	0	0	0	0	0
1500	34	0	36	0	49	0	44	0	0	0	0	0	234	0	311	193	222	0	261	174	206	0	248	171	208	0	253	174	0	0	0	0	0	0
1600	25	0	29	0	37	0	33	0	0	0	0	0	207	0	262	138	200	3	262	137	192	0	226	156	193	0	242	161	0	0	0	0	0	0
1700	24	0	33	0	50	0	46	0	0	0	0	0	185	0	221	132	180	0	222	135	177	0	187	162	177	0	190	167	0	0	0	0	0	0
1800	23	0	32	0	53	0	54	0	0	0	0	0	164	0	196	114	158	0	185	124	167	0	174	157	169	0	178	158	0	0	0	0	0	0
1900	25	0	31	0	56	0	48	0	0	0	0	0	198	0	238	159	194	0	227	164	196	0	210	179	196	0	209	180	0	0	0	0	0	0
2000	52	0	51	0	80	0	75	0	0	0	0	0	224	0	256	196	214	0	246	180	216	0	238	199	217	0	235	204	0	0	0	0	0	0
2100	171	0	182	0	213	0	219	0	0	0	0	0	284	0	318	237	273	0	327	236	276	0	314	251	273	0	310	245	0	0	0	0	0	0
2200	219	0	227	0	263	0	272	0	0	0	0	0	300	0	336	240	288	0	320	239	287	0	355	260	283	0	320	251	0	0	0	0	0	0
2300	245	0	243	0	320	0	337	0	0	0	0	0	306	0	338	276	292	0	320	251	295	0	6	279	291	0	54	282	0	0	0	0	0	0
2400	218	0	213	0	272	0	274	0	0	0	0	0	309	0	345	279	296	0	319	271	298	0	310	282	292	0	303	274	0	0	0	0	0	0

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	S RAIN S
100	333 0	329 0	324 0	325 0	320 2	320 2	-11 0	-4 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 0
200	336 0	331 0	325 0	329 0	320 2	320 2	-11 0	-4 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 0
300	333 0	329 0	325 0	329 0	320 2	320 2	-9 0	2 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	0 0
400	336 0	333 0	327 0	329 0	320 2	320 2	-11 0	-4 0	0 0	0 0	135 2	0 2	0 2	0 2	0 2	0 2	0 0
500	338 0	333 0	327 0	329 0	320 2	320 2	-11 0	-4 0	0 0	0 0	135 2	0 2	0 2	0 2	0 2	0 2	0 0
600	334 0	331 0	327 0	329 0	320 2	320 2	-9 0	2 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 0
700	296 0	292 0	303 0	305 0	320 2	320 2	7 0	14 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 0
800	296 0	292 0	305 0	306 0	320 2	320 2	9 0	14 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 0
900	294 0	290 0	288 0	290 0	320 2	320 2	-5 0	2 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	306 0	303 0	296 0	297 0	320 2	320 2	-11 0	-5 0	0 0	0 0	126 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	317 0	312 0	299 0	303 0	320 2	320 2	-16 0	-9 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	314 0	308 0	299 0	303 0	320 2	320 2	-14 0	-7 0	0 0	0 0	130 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	324 0	320 0	305 0	306 0	320 2	320 2	-18 0	-11 0	0 0	0 0	135 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	325 0	322 0	312 0	315 0	320 2	320 2	-13 0	-7 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	329 0	325 0	314 0	317 0	320 2	320 2	-14 0	-7 0	0 0	0 0	137 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	349 0	345 0	333 0	334 0	320 2	320 2	-16 0	-11 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	322 0	322 0	314 0	317 0	320 2	320 2	-7 0	0 0	0 0	0 0	130 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	322 0	317 0	314 0	315 0	320 2	320 2	-7 0	0 0	0 0	0 0	130 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	322 0	317 0	317 0	320 0	320 2	320 2	-5 0	2 0	0 0	0 0	130 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	329 0	324 0	329 0	329 0	320 2	320 2	2 0	5 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	376 0	372 0	365 0	367 0	320 2	320 2	-11 0	-5 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	369 0	363 0	356 0	354 0	320 2	320 2	-13 0	-5 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	345 0	345 0	329 0	334 0	320 2	320 2	-16 0	-9 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	312 0	308 0	296 0	297 0	320 2	320 2	-16 0	-11 0	0 0	0 0	128 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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	WIND DIR3	MIN 150B S	WIND DIR4	MIN S	WIND DIR5	MIN S	WIND DIR6
100	173 0	182 0	239 0	225 0	0 0	321 0	2	273	309 0	342 271	313 0	331 292	308 0	325 288	0 0	0 0	0 0
200	170 0	174 0	215 0	207 0	0 0	319 0	6	289	307 0	341 270	309 0	340 285	304 0	327 286	0 0	0 0	0 0
300	162 0	165 0	204 0	201 0	0 0	310 0	335	275	300 0	335 268	302 0	332 285	297 0	315 283	0 0	0 0	0 0
400	174 0	174 0	209 0	207 0	0 0	311 0	344	284	297 0	327 267	300 0	322 280	295 0	313 279	0 0	0 0	0 0
500	165 0	167 0	210 0	203 0	0 0	315 0	354	289	303 0	338 248	305 0	334 283	301 0	336 281	0 0	0 0	0 0
600	131 0	138 0	174 0	172 0	0 0	322 0	0	286	310 0	5 271	315 0	348 277	310 0	346 286	0 0	0 0	0 0
700	119 0	122 0	169 0	169 0	0 0	327 0	15	270	317 0	22 273	321 0	346 289	316 0	343 279	0 0	0 0	0 0
800	124 0	132 0	173 0	176 0	0 0	339 0	16	291	329 0	38 296	327 0	351 296	323 0	355 305	0 0	0 0	0 0
900	84 0	89 0	119 0	113 0	0 0	356 0	82	273	345 0	49 288	347 0	63 303	344 0	50 286	0 0	0 0	0 0
1000	69 0	77 0	100 0	98 0	0 0	358 0	82	294	345 0	54 291	341 0	48 309	338 0	28 303	0 0	0 0	0 0
1100	50 0	52 0	82 0	81 0	0 0	13	136	296	3	85 271	352 0	62 274	349 0	41 286	0 0	0 0	0 0
1200	63 0	69 0	82 0	83 0	0 0	334 0	45	274	321 0	7 280	327 0	31 291	323 0	22 282	0 0	0 0	0 0
1300	74 0	81 0	94 0	92 0	0 0	352 0	77	287	337 0	30 275	338 0	22 278	335 0	21 287	0 0	0 0	0 0
1400	49 0	53 0	80 0	80 0	0 0	351 0	161	272	337 0	142 279	328 0	13 284	327 0	60 280	0 0	0 0	0 0
1500	57 0	62 0	79 0	78 0	0 0	0	64	313	348 0	47 283	346 0	63 321	342 0	35 303	0 0	0 0	0 0
1600	55 0	57 0	67 0	66 0	0 0	38	69	9	26	53 345	12	47 322	11	59 331	0 0	0 0	0 0
1700	40 0	46 0	53 0	52 0	0 0	31	81	318	23	101 282	1	52 325	0	42 327	0 0	0 0	0 0
1800	62 0	71 0	75 0	84 0	0 0	60	92	33	51	90 20	42	72 17	43	73 11	0 0	0 0	0 0
1900	43 0	47 0	51 0	52 0	0 0	123	181	91	120	152 76	105	135 70	107	132 84	0 0	0 0	0 0
2000	43 0	49 0	53 0	53 0	0 0	123	154	92	120	156 85	114	150 85	117	147 90	0 0	0 0	0 0
2100	41 0	44 0	47 0	49 0	0 0	124	155	103	118	152 76	107	121 71	108	125 83	0 0	0 0	0 0
2200	52 0	55 0	68 0	68 0	0 0	108	144	36	102	137 63	90	110 71	94	179 79	0 0	0 0	0 0
2300	60 0	63 0	81 0	77 0	0 0	117	143	85	110	144 74	100	123 79	103	127 75	0 0	0 0	0 0
2400	70 0	77 0	98 0	98 0	0 0	99	129	69	92	128 63	81	103 55	90	85 58	0 0	0 0	0 0

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	268 0	279 0	281 0	320 2	320 2	-14 0	-7 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 0
200	274 0	270 0	260 0	263 0	320 2	320 2	-14 0	-7 0	0 0	0 0	114 2	0 2	0 2	0 2	0 2	0 2	0 0
300	269 0	265 0	254 0	256 0	320 2	320 2	-14 0	-7 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 0
400	260 0	254 0	243 0	245 0	320 2	320 2	-16 0	-9 0	0 0	0 0	108 2	0 2	0 2	0 2	0 2	0 2	0 0
500	245 0	240 0	231 0	233 0	320 2	320 2	-14 0	-7 0	0 0	0 0	103 2	0 2	0 2	0 2	0 2	0 2	0 0
600	238 0	234 0	225 0	227 0	320 2	320 2	-14 0	-7 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	0 0
700	238 0	234 0	225 0	229 0	320 2	320 2	-13 0	-7 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	0 0
800	242 0	236 0	229 0	231 0	320 2	320 2	-13 0	-5 0	0 0	0 0	101 2	0 2	0 2	0 2	0 2	0 2	0 0
900	247 0	242 0	234 0	236 0	320 2	320 2	-13 0	-7 0	0 0	0 0	105 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	252 0	251 0	238 0	243 0	320 2	320 2	-14 0	-7 0	0 0	0 0	110 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	272 0	267 0	254 0	258 0	320 2	320 2	-16 0	-11 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	276 0	270 0	258 0	260 0	320 2	320 2	-18 0	-11 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	283 0	281 0	263 0	267 0	320 2	320 2	-20 0	-14 0	0 0	0 0	126 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	288 0	285 0	269 0	270 0	320 2	320 2	-20 0	-14 0	0 0	0 0	126 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	281 0	278 0	267 0	269 0	320 2	320 2	-16 0	-9 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	281 0	276 0	269 0	270 0	320 2	320 2	-13 0	-7 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	283 0	279 0	270 0	272 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	283 0	279 0	272 0	274 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	283 0	281 0	272 0	276 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	283 0	279 0	270 0	272 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	281 0	276 0	269 0	272 0	320 2	320 2	-11 0	-5 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	283 0	279 0	270 0	272 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	279 0	276 0	267 0	270 0	320 2	320 2	-13 0	-5 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	276 0	275 0	263 0	267 0	320 2	320 2	-13 0	-5 0	0 0	0 0	121 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX S	WIND DIR2	MIN-MAX 150A S	WIND DIR3	MIN MAX 150B S	WIND DIR4	MIN MAX S	WIND DIR5	MIN MAX S	WIND DIR6
100	72 0	77 0	98 0	95 0	0 0	0 0	96 0	136	70	92 0	131 64	82 0	106 61	83 0	104 67	0 0	0 0	0 0
200	90 0	93 0	108 0	105 0	0 0	0 0	104 0	149	75	99 0	146 61	87 0	123 57	90 0	135 59	0 0	0 0	0 0
300	77 0	82 0	93 0	90 0	0 0	0 0	84 0	113	58	79 0	102 50	68 0	89 48	72 0	89 51	0 0	0 0	0 0
400	81 0	82 0	101 0	93 0	0 0	0 0	85 0	121	61	78 0	112 56	69 0	86 55	71 0	84 56	0 0	0 0	0 0
500	96 0	101 0	119 0	114 0	0 0	0 0	95 0	139	58	88 0	132 49	76 0	117 57	78 0	94 57	0 0	0 0	0 0
600	101 0	109 0	128 0	129 0	0 0	0 0	85 0	142	51	79 0	112 52	65 0	82 346	69 0	157 48	0 0	0 0	0 0
700	127 0	127 0	163 0	155 0	0 0	0 0	104 0	149	75	95 0	134 67	84 0	109 63	87 0	113 65	0 0	0 0	0 0
800	140 0	140 0	185 0	185 0	0 0	0 0	105 0	141	73	97 0	157 73	85 0	101 29	95 0	87 73	0 0	0 0	0 0
900	126 0	126 0	163 0	154 0	0 0	0 0	113 0	142	73	107 0	142 81	95 0	115 74	98 0	126 65	0 0	0 0	0 0
1000	155 0	152 0	192 0	188 0	0 0	0 0	118 0	155	82	112 0	137 85	103 0	129 86	110 0	111 93	0 0	0 0	0 0
1100	153 0	157 0	194 0	187 0	0 0	0 0	124 0	146	75	118 0	145 74	107 0	127 77	111 0	131 84	0 0	0 0	0 0
1200	170 0	173 0	201 0	201 0	0 0	0 0	129 0	178	102	127 0	268 100	104 0	126 293	119 0	165 95	0 0	0 0	0 0
1300	142 0	145 0	177 0	176 0	0 0	0 0	128 0	165	98	121 0	157 73	113 0	134 91	118 0	139 99	0 0	0 0	0 0
1400	103 0	108 0	126 0	129 0	0 0	0 0	127 0	166	104	124 0	162 95	115 0	135 96	119 0	144 101	0 0	0 0	0 0
1500	148 0	153 0	173 0	174 0	0 0	0 0	129 0	172	93	125 0	164 95	115 0	140 94	119 0	150 102	0 0	0 0	0 0
1600	151 0	153 0	173 0	171 0	0 0	0 0	127 0	144	96	121 0	140 93	109 0	126 93	114 0	135 100	0 0	0 0	0 0
1700	188 0	189 0	222 0	219 0	0 0	0 0	128 0	151	98	124 0	140 101	114 0	127 92	119 0	137 104	0 0	0 0	0 0
1800	130 0	139 0	146 0	151 0	0 0	0 0	132 0	165	107	127 0	151 96	120 0	138 108	124 0	142 107	0 0	0 0	0 0
1900	124 0	145 0	152 0	158 0	0 0	0 0	136 0	167	109	131 0	157 97	123 0	140 105	131 0	145 113	0 0	0 0	0 0
2000	105 0	124 0	150 0	142 0	0 0	0 0	141 0	205	115	138 0	176 111	130 0	151 109	137 0	155 122	0 0	0 0	0 0
2100	54 0	65 0	73 0	72 0	0 0	0 0	138 0	177	104	134 0	160 105	130 0	161 110	135 0	162 111	0 0	0 0	0 0
2200	95 0	99 0	100 0	97 0	0 0	0 0	127 0	149	102	123 0	140 99	114 0	246 98	117 0	132 94	0 0	0 0	0 0
2300	111 0	116 0	124 0	125 0	0 0	0 0	131 0	149	109	127 0	148 103	120 0	131 100	124 0	135 108	0 0	0 0	0 0
2400	104 0	105 0	132 0	127 0	0 0	0 0	125 0	144	85	119 0	142 95	111 0	127 93	114 0	131 98	0 0	0 0	0 0

	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	S RAIN S
100	279 0	274 0	267 0	269 0	320 2	320 2	-13 0	-5 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	281 0	275 0	269 0	269 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	278 0	274 0	267 0	269 0	320 2	320 2	-13 0	-5 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	272 0	272 0	260 0	265 0	320 2	320 2	-13 0	-5 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	272 0	259 0	260 0	251 0	320 2	320 2	-13 0	-5 0	0 0	0 0	114 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	270 0	257 0	258 0	258 0	320 2	320 2	-13 0	-5 0	0 0	0 0	114 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	267 0	253 0	254 0	258 0	320 2	320 2	-13 0	-5 0	0 0	0 0	112 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	274 0	270 0	258 0	260 0	320 2	320 2	-13 0	-5 0	0 0	0 0	114 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	276 0	270 0	263 0	265 0	320 2	320 2	-13 0	-5 0	0 0	0 0	116 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	279 0	278 0	267 0	269 0	320 2	320 2	-13 0	-5 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	283 0	281 0	270 0	275 0	320 2	320 2	-13 0	-7 0	0 0	0 0	121 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	296 0	292 0	285 0	281 0	320 2	320 2	-13 0	-5 0	0 0	0 0	125 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	292 0	289 0	281 0	281 0	320 2	320 2	-13 0	-5 0	0 0	0 0	119 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	297 0	294 0	287 0	288 0	320 2	320 2	-11 0	-5 0	0 0	0 0	123 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	296 0	297 0	287 0	283 0	320 2	320 2	-11 0	-4 0	0 0	0 0	125 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	299 0	295 0	287 0	290 0	320 2	320 2	-13 0	-7 0	0 0	0 0	123 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	305 0	301 0	292 0	294 0	320 2	320 2	-13 0	-7 0	0 0	0 0	125 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	310 0	305 0	303 0	305 0	320 2	320 2	-7 0	0 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	0 2	2 0
1900	317 0	312 0	306 0	310 0	320 2	320 2	-9 0	-2 0	0 0	0 0	130 2	0 2	0 2	0 2	0 2	0 2	0 2	4 0
2000	324 0	322 0	314 0	315 0	320 2	320 2	-9 0	-2 0	0 0	0 0	130 2	0 2	0 2	0 2	0 2	0 2	0 2	5 0
2100	327 0	324 0	317 0	320 0	320 2	320 2	-9 0	-2 0	0 0	0 0	132 2	0 2	0 2	0 2	0 2	0 2	0 2	10 0
2200	329 0	325 0	314 0	317 0	320 2	320 2	-14 0	-7 0	0 0	0 0	134 2	0 2	0 2	0 2	0 2	0 2	0 2	13 0
2300	331 0	327 0	320 0	324 0	320 2	320 2	-11 0	-5 0	0 0	0 0	137 2	0 2	0 2	0 2	0 2	0 2	0 2	15 0
2400	334 0	331 0	324 0	327 0	320 2	320 2	-9 0	-4 0	0 0	0 0	137 2	0 2	0 2	0 2	0 2	0 2	0 2	15 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	105	0	109	0	134	0	133	0	0	0	0	0	130	0	160	113	126	0	154	106	117	0	133	102	121	0	133	104	0	0	0	0	0	0
200	98	0	102	0	125	0	123	0	0	0	0	0	128	0	147	109	122	0	145	101	116	0	134	100	121	0	139	107	0	0	0	0	0	0
300	104	0	107	0	127	0	126	0	0	0	0	0	128	0	140	115	123	0	138	108	119	0	126	106	123	0	128	110	0	0	0	0	0	0
400	82	0	85	0	117	0	114	0	0	0	0	0	135	0	162	119	132	0	155	109	130	0	144	109	135	0	148	118	0	0	0	0	0	0
500	62	0	71	0	105	0	104	0	0	0	0	0	144	0	179	116	138	0	158	120	138	0	151	125	142	0	162	132	0	0	0	0	0	0
600	61	0	68	0	115	0	113	0	0	0	0	0	149	0	183	120	145	0	176	120	145	0	159	133	149	0	161	140	0	0	0	0	0	0
700	65	0	67	0	135	0	111	0	0	0	0	0	179	0	218	148	173	0	227	146	200	0	212	193	199	0	210	191	0	0	0	0	0	0
800	89	0	80	0	139	0	122	0	0	0	0	0	247	0	290	210	238	0	277	197	235	0	256	209	234	0	258	219	0	0	0	0	0	0
900	103	0	107	0	122	0	125	0	0	0	0	0	290	0	358	239	280	0	326	216	281	0	336	234	278	0	312	231	0	0	0	0	0	0
1000	89	0	93	0	116	0	115	0	0	0	0	0	280	0	326	228	269	0	309	233	267	0	317	236	265	0	300	223	0	0	0	0	0	0
1100	124	0	119	0	154	0	149	0	0	0	0	0	310	0	337	280	298	0	355	262	294	0	312	278	293	0	346	264	0	0	0	0	0	0
1200	114	0	119	0	129	0	132	0	0	0	0	0	305	0	4	275	293	0	356	260	289	0	306	263	287	0	335	266	0	0	0	0	0	0
1300	116	0	115	0	150	0	152	0	0	0	0	0	312	0	348	279	303	0	20	273	301	0	329	293	300	0	347	288	0	0	0	0	0	0
1400	110	0	116	0	147	0	144	0	0	0	0	0	324	0	0	273	313	0	7	274	316	0	338	267	314	0	358	291	0	0	0	0	0	0
1500	130	0	139	0	184	0	183	0	0	0	0	0	326	0	355	289	314	0	45	280	316	0	340	296	313	0	7	292	0	0	0	0	0	0
1600	110	0	117	0	150	0	142	0	0	0	0	0	316	0	355	281	305	0	340	276	310	0	329	293	306	0	321	291	0	0	0	0	0	0
1700	124	0	130	0	174	0	176	0	0	0	0	0	326	0	1	280	314	0	8	271	318	0	351	305	315	0	19	288	0	0	0	0	0	0
1800	138	0	148	0	196	0	205	0	0	0	0	0	339	0	10	292	330	0	48	280	329	0	1	304	324	0	17	292	0	0	0	0	0	0
1900	153	0	156	0	198	0	216	0	0	0	0	0	348	0	22	302	338	0	50	284	336	0	354	320	333	0	10	313	0	0	0	0	0	0
2000	176	0	186	0	238	0	236	0	0	0	0	0	352	0	24	307	339	0	40	304	339	0	18	322	336	0	11	312	0	0	0	0	0	0
2100	203	0	210	0	279	0	275	0	0	0	0	0	349	0	27	319	335	0	17	302	336	0	10	317	332	0	350	316	0	0	0	0	0	0
2200	121	0	113	0	208	0	197	0	0	0	0	0	8	0	58	318	1	0	119	288	354	0	29	300	352	0	46	307	0	0	0	0	0	0
2300	150	0	153	0	223	0	217	0	0	0	0	0	29	0	63	333	19	0	59	329	0	0	28	294	359	0	29	304	0	0	0	0	0	0
2400	140	0	144	0	195	0	185	0	0	0	0	0	41	0	79	359	32	0	62	353	15	0	39	347	14	0	44	338	0	0	0	0	0	0

	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 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	S	RAIN S
100	342 0	336 0	333 0	334 0	320 2	320 2	-7 0	2 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	16 0
200	345 0	342 0	338 0	340 0	320 2	320 2	-7 0	2 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	16 0
300	349 0	343 0	343 0	345 0	320 2	320 2	-5 0	2 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	23 0
400	356 0	352 0	351 0	354 0	320 2	320 2	-5 0	2 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	23 0
500	365 0	350 0	360 0	361 0	320 2	320 2	-5 0	2 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	23 0
600	374 0	359 0	374 0	376 0	320 2	320 2	2 0	9 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
700	388 0	393 0	442 0	444 0	320 2	320 2	54 0	61 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
800	433 0	430 0	433 0	435 0	320 2	320 2	0 0	5 0	0 0	0 0	173 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
900	439 0	433 0	430 0	430 0	320 2	320 2	-9 0	-4 0	0 0	0 0	531 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
1000	426 0	423 0	415 0	417 0	320 2	320 2	-11 0	-5 0	0 0	0 0	525 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
1100	428 0	421 0	417 0	414 0	320 2	320 2	-11 0	-5 0	0 0	0 0	509 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
1200	419 0	412 0	410 0	406 0	320 2	320 2	-13 0	-5 0	0 0	0 0	514 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
1300	428 0	414 0	424 0	412 0	320 2	320 2	-11 0	-5 0	0 0	0 0	487 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
1400	406 0	401 0	396 0	396 0	320 2	320 2	-13 0	-5 0	0 0	0 0	267 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	24 0
1500	396 0	398 0	388 0	385 0	320 2	320 2	-11 0	-4 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1600	379 0	376 0	370 0	374 0	320 2	320 2	-9 0	2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1700	388 0	393 0	379 0	379 0	320 2	320 2	-11 0	-4 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1800	392 0	397 0	383 0	381 0	320 2	320 2	-11 0	-4 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
1900	401 0	390 0	394 0	381 0	320 2	320 2	-11 0	-4 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
2000	385 0	381 0	376 0	376 0	320 2	320 2	-11 0	-5 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	25 0
2100	385 0	379 0	374 0	376 0	320 2	320 2	-11 0	-5 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2200	381 0	378 0	370 0	374 0	320 2	320 2	-11 0	-4 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2300	378 0	372 0	367 0	370 0	320 2	320 2	-9 0	-4 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2400	379 0	376 0	372 0	374 0	320 2	320 2	-9 0	-4 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	26 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S 50 A S	WIND SPD6 S 50 A S	WIND DIR1	MIN 50 B S	MAX 50 B S	WIND DIR2	MIN 150A S	MAX 150A S	WIND DIR3	MIN 150B S	MAX 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	132 0	139 0	177 0	172 0	0 0	0 0	31 0	59	357	23 0	52	350	9 0	36	352	8 0	37	345	0 0	0	0	0 0	0	0
200	118 0	121 0	162 0	153 0	0 0	0 0	38 0	66	358	26 0	64	348	12 0	48	341	10 0	38	334	0 0	0	0	0 0	0	0
300	95 0	106 0	123 0	126 0	0 0	0 0	57 0	93	25	50 0	76	1	36 0	60	4	38 0	60	12	0 0	0	0	0 0	0	0
400	115 0	117 0	136 0	133 0	0 0	0 0	91 0	142	62	88 0	156	59	75 0	93	57	79 0	119	59	0 0	0	0	0 0	0	0
500	80 0	90 0	99 0	106 0	0 0	0 0	77 0	112	49	70 0	95	42	53 0	89	24	57 0	82	26	0 0	0	0	0 0	0	0
600	85 0	95 0	108 0	118 0	0 0	0 0	75 0	99	48	70 0	103	31	54 0	98	29	57 0	86	38	0 0	0	0	0 0	0	0
700	86 0	99 0	108 0	117 0	0 0	0 0	67 0	95	15	59 0	90	12	46 0	68	21	50 0	73	22	0 0	0	0	0 0	0	0
800	68 0	74 0	86 0	89 0	0 0	0 0	83 0	119	33	77 0	109	20	58 0	84	17	61 0	86	29	0 0	0	0	0 0	0	0
900	93 0	98 0	112 0	113 0	0 0	0 0	92 0	128	38	91 0	162	35	73 0	94	46	77 0	119	53	0 0	0	0	0 0	0	0
1000	111 0	111 0	151 0	146 0	0 0	0 0	112 0	141	77	107 0	171	74	91 0	115	53	96 0	125	70	0 0	0	0	0 0	0	0
1100	100 0	103 0	114 0	116 0	0 0	0 0	86 0	119	32	84 0	127	51	72 0	94	45	76 0	101	56	0 0	0	0	0 0	0	0
1200	93 0	93 0	116 0	111 0	0 0	0 0	99 0	153	70	93 0	137	65	84 0	113	55	87 0	114	52	0 0	0	0	0 0	0	0
1300	79 0	83 0	103 0	100 0	0 0	0 0	112 0	155	61	107 0	153	61	92 0	117	57	94 0	125	67	0 0	0	0	0 0	0	0
1400	95 0	101 0	112 0	118 0	0 0	0 0	81 0	165	17	79 0	149	37	60 0	86	307	69 0	105	50	0 0	0	0	0 0	0	0
1500	120 0	115 0	133 0	142 0	0 0	0 0	101 0	154	40	100 0	174	64	82 0	110	26	89 0	132	66	0 0	0	0	0 0	0	0
1600	132 0	132 0	173 0	165 0	0 0	0 0	109 0	138	78	101 0	174	74	88 0	118	72	93 0	150	67	0 0	0	0	0 0	0	0
1700	122 0	124 0	158 0	155 0	0 0	0 0	110 0	147	82	101 0	138	70	90 0	109	67	95 0	144	70	0 0	0	0	0 0	0	0
1800	119 0	121 0	151 0	147 0	0 0	0 0	104 0	139	73	98 0	131	72	86 0	126	64	89 0	119	64	0 0	0	0	0 0	0	0
1900	103 0	104 0	142 0	135 0	0 0	0 0	104 0	138	71	96 0	130	65	82 0	112	58	85 0	118	63	0 0	0	0	0 0	0	0
2000	103 0	104 0	138 0	131 0	0 0	0 0	102 0	142	76	97 0	129	62	87 0	108	63	91 0	122	74	0 0	0	0	0 0	0	0
2100	108 0	108 0	151 0	144 0	0 0	0 0	103 0	129	80	96 0	127	62	85 0	106	62	88 0	111	70	0 0	0	0	0 0	0	0
2200	135 0	133 0	179 0	168 0	0 0	0 0	97 0	133	73	91 0	127	58	81 0	99	61	85 0	116	69	0 0	0	0	0 0	0	0
2300	122 0	125 0	165 0	155 0	0 0	0 0	91 0	126	57	86 0	110	62	76 0	100	49	79 0	100	56	0 0	0	0	0 0	0	0
2400	121 0	125 0	161 0	152 0	0 0	0 0	93 0	119	71	88 0	121	61	75 0	91	52	78 0	96	63	0 0	0	0	0 0	0	0

	AMB. TEM1 30 A S	AMB. TEM2 50 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	383 0	379 0	379 0	320 2	320 2	-9 0	-2 0	0 0	0 0	186 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
200	387 0	383 0	378 0	379 0	320 2	320 2	-11 0	-4 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
300	383 0	379 0	374 0	376 0	320 2	320 2	-11 0	-4 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
400	347 0	340 0	333 0	331 0	320 2	320 2	-13 0	-7 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
500	361 0	356 0	349 0	352 0	320 2	320 2	-11 0	-4 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
600	343 0	340 0	334 0	336 0	320 2	320 2	-9 0	-4 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
700	336 0	333 0	327 0	329 0	320 2	320 2	-9 0	-4 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
800	329 0	325 0	317 0	322 0	320 2	320 2	-9 0	-4 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
900	334 0	329 0	320 0	322 0	320 2	320 2	-11 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1000	333 0	327 0	320 0	322 0	320 2	320 2	-11 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1100	343 0	338 0	331 0	331 0	320 2	320 2	-11 0	-5 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1200	342 0	336 0	329 0	329 0	320 2	320 2	-13 0	-7 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1300	351 0	345 0	336 0	338 0	320 2	320 2	-13 0	-7 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1400	356 0	351 0	342 0	342 0	320 2	320 2	-13 0	-5 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1500	365 0	358 0	347 0	345 0	320 2	320 2	-11 0	-4 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1600	315 0	314 0	301 0	305 0	320 2	320 2	-13 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1700	322 0	314 0	303 0	306 0	320 2	320 2	-11 0	-5 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1800	305 0	301 0	292 0	296 0	320 2	320 2	-11 0	-5 0	0 0	0 0	137 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
1900	310 0	305 0	297 0	301 0	320 2	320 2	-11 0	-5 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2000	310 0	305 0	299 0	301 0	320 2	320 2	-11 0	-4 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2100	308 0	305 0	297 0	301 0	320 2	320 2	-9 0	-4 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2200	310 0	306 0	301 0	305 0	320 2	320 2	-9 0	-4 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	26 0
2300	312 0	306 0	301 0	305 0	320 2	320 2	-11 0	-4 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	27 0
2400	310 0	305 0	299 0	303 0	320 2	320 2	-9 0	-4 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	27 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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6			
	50	A	S	50	A	S	150A	S	150B	S	50	A	S	50	A	S	50	B	S	150A	S	50	B	S	150A	S	50	B	S	150B	S	50	B	S	150B	S	50	B	S	150B	S	50	B	S		
100	117	0		120	0		161	0	154	0	0	0	0	87	0	123	57		82	0	107	49	69	0	89	50	72	0	91	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	98	0		107	0		139	0	139	0	0	0	0	84	0	116	56		77	0	117	20	62	0	77	40	65	0	80	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
300	140	0		144	0		186	0	175	0	0	0	0	90	0	118	52		83	0	109	57	73	0	90	62	76	0	96	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	132	0		134	0		179	0	170	0	0	0	0	100	0	137	54		94	0	118	69	80	0	95	65	84	0	106	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500	126	0		124	0		173	0	163	0	0	0	0	109	0	140	75		102	0	129	68	90	0	112	69	94	0	115	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600	129	0		125	0		180	0	170	0	0	0	0	107	0	143	80		101	0	130	67	91	0	108	74	93	0	113	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
700	117	0		120	0		161	0	152	0	0	0	0	98	0	129	62		92	0	118	69	82	0	112	64	86	0	113	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	98	0		99	0		133	0	128	0	0	0	0	99	0	128	68		93	0	124	61	80	0	96	61	83	0	97	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
900	85	0		90	0		118	0	115	0	0	0	0	107	0	138	84		99	0	128	73	89	0	109	73	92	0	113	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	99	0		101	0		137	0	130	0	0	0	0	112	0	149	80		106	0	132	75	95	0	122	77	98	0	127	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	93	0		95	0		122	0	117	0	0	0	0	115	0	142	74		109	0	137	56	99	0	118	75	102	0	123	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	106	0		107	0		130	0	126	0	0	0	0	121	0	161	92		115	0	157	80	105	0	143	82	108	0	136	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	120	0		123	0		135	0	142	0	0	0	0	130	0	169	83		128	0	189	90	121	0	265	91	119	0	146	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	79	0		90	0		113	0	112	0	0	0	0	139	0	172	110		134	0	191	103	127	0	156	100	132	0	154	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	65	0		81	0		108	0	106	0	0	0	0	144	0	183	114		139	0	181	100	140	0	169	117	144	0	171	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	39	0		45	0		74	0	73	0	0	0	0	175	0	263	97		172	0	252	105	169	0	219	139	171	0	231	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	28	0		29	0		48	0	45	0	0	0	0	212	0	267	107		212	3	265	142	195	0	243	140	195	0	236	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	35	0		39	0		60	0	53	0	0	0	0	215	0	260	162		209	0	248	158	199	0	227	179	198	0	224	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1900	46	0		46	0		60	0	58	0	0	0	0	257	0	296	211		245	0	287	207	249	0	274	208	248	0	275	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	33	0		40	0		62	0	61	0	0	0	0	183	0	233	129		178	0	236	118	174	0	196	141	176	0	203	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	41	0		43	0		78	0	69	0	0	0	0	194	0	243	128		189	0	241	124	186	0	203	164	186	0	205	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	38	0		41	0		82	0	76	0	0	0	0	200	0	262	104		189	0	259	118	182	0	200	154	183	0	206	149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2300	37	0		39	0		82	0	70	0	0	0	0	214	0	267	164		208	0	266	132	195	0	224	168	196	0	219	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	33	0		38	0		75	0	68	0	0	0	0	194	0	266	130		195	0	266	117	185	0	206	165	185	0	208	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	AMB. TEM1	ANS. TEM2	AMB. TEM3	AMB. TEM4	AMB. TEM5	AMB. TEMP6	D.T. 1	D.T. 2	D.T. 3	D.T. 4	MISC 1	MISC 2	MISC 3	MISC 4	MISC 5	MISC 6	MISC 7	S RAIN	B
	30 A S	30 B S	180A S	180B S	S	S	180A S	180B S	S	S	S	S	S	S	S	S	S	S	
100	312 0	306 0	301 0	305 0	320 2	320 2	-9 0	-4 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0	
200	312 0	306 0	301 0	303 0	320 2	320 2	-11 0	-4 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	28 0	
300	303 0	299 0	294 0	296 0	320 2	320 2	-11 0	-4 0	0 0	0 0	137 2	0 2	0 2	0 2	0 2	0 2	0 2	29.0	
400	306 0	303 0	297 0	299 0	320 2	320 2	-9 0	-4 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0	
500	310 0	305 0	299 0	303 0	320 2	320 2	-9 0	-4 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0	
600	314 0	306 0	303 0	306 0	320 2	320 2	-9 0	-4.0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0	
700	314 0	310 0	305 0	306 0	320 2	320 2	-9 0	-4 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0	
800	315 0	312 0	305 0	308 0	320 2	320 2	-9 0	-4 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	29 0	
900	322 0	314 0	306 0	310 0	320 2	320 2	-11 0	-4 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 2	30 0	
1000	325 0	320 0	312 0	314 0	320 2	320 2	-13 0	-5 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	33 0	
1100	336 0	331 0	324 0	325 0	320 2	320 2	-13 0	-7 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1200	345 0	340 0	331 0	334 0	320 2	320 2	-13 0	-5 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1300	360 0	352 0	347 0	349 0	320 2	320 2	-13 0	-5 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1400	361 0	356 0	345 0	349 0	320 2	320 2	-14 0	-7 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1500	367 0	361 0	351 0	354 0	320 2	320 2	-14 0	-9 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1600	361 0	359 0	347 0	351 0	320 2	320 2	-14 0	-7 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1700	358 0	352 0	345 0	347 0	320 2	320 2	-11 0	-5 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1800	358 0	352 0	347 0	349 0	320 2	320 2	-11 0	-4 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
1900	361 0	356 0	352 0	356 0	320 2	320 2	-9 0	-2 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
2000	354 0	347 0	343 0	345 0	320 2	320 2	-11 0	-4 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0	
2100	352 0	347 0	342 0	345 0	320 2	320 2	-9 0	-2 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	34 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	30 0	35 0	46 0	43 0	0 0	0 0	189 0 269 92	184 0 239 91	242 0 158 182	243 0 128 186	0 0	0 0
200	100 0	106 0	147 0	148 0	0 0	0 0	327 0 4 277	320 0 18 275	322 0 334 296	318 0 336 281	0 0	0 0
300	115 0	116 0	156 0	150 0	0 0	0 0	358 0 56 318	346 0 39 305	347 0 41 308	345 0 57 302	0 0	0 0
400	98 0	104 0	135 0	129 0	0 0	0 0	32 0 81 335	24 0 72 325	7 0 38 340	7 0 36 325	0 0	0 0
500	74 0	81 0	104 0	102 0	0 0	0 0	48 0 106 15	40 0 86 352	19 0 56 346	20 0 54 334	0 0	0 0
600	80 0	85 0	103 0	100 0	0 0	0 0	38 0 88 4	29 0 69 349	13 0 47 325	13 0 59 324	0 0	0 0
700	95 0	106 0	127 0	127 0	0 0	0 0	53 0 93 20	46 0 91 16	33 0 68 9	35 0 74 9	0 0	0 0
800	97 0	107 0	124 0	133 0	0 0	0 0	60 0 104 26	51 0 84 11	38 0 68 14	41 0 68 15	0 0	0 0
900	87 0	105 0	104 0	123 0	0 0	0 0	66 0 101 16	70 0 139 24	45 0 77 310	57 0 85 25	0 0	0 0
1000	84 0	69 0	106 0	102 0	0 0	0 0	89 0 135 19	85 0 138 51	72 0 96 51	76 0 105 49	0 0	0 0
1100	90 0	95 0	104 0	99 0	0 0	0 0	92 0 115 67	85 0 112 52	72 0 88 48	76 0 94 58	0 0	0 0
1200	78 0	64 0	89 0	97 0	0 0	0 0	93 0 158 25	91 0 171 55	69 0 98 287	85 0 116 68	0 0	0 0
1300	75 0	80 0	91 0	94 0	0 0	0 0	97 0 175 16	97 0 175 69	87 0 119 72	92 0 128 59	0 0	0 0
1400	65 0	71 0	82 0	80 0	0 0	0 0	93 0 134 60	87 0 125 50	77 0 103 52	79 0 104 46	0 0	0 0
1500	61 0	69 0	76 0	76 0	0 0	0 0	82 0 114 52	75 0 112 40	66 0 94 36	69 0 97 43	0 0	0 0
1600	69 0	74 0	90 0	86 0	0 0	0 0	86 0 115 56	79 0 106 42	67 0 94 40	70 0 91 51	0 0	0 0
1700	105 0	109 0	128 0	127 0	0 0	0 0	97 0 125 39	93 0 177 70	77 0 93 59	81 0 119 63	0 0	0 0
1800	79 0	81 0	110 0	103 0	0 0	0 0	100 0 134 76	94 0 141 57	82 0 111 57	86 0 105 69	0 0	0 0
1900	47 0	51 0	65 0	60 0	0 0	0 0	106 0 138 83	100 0 125 74	90 0 105 70	93 0 108 69	0 0	0 0
2000	43 0	45 0	69 0	67 0	0 0	0 0	97 0 128 64	92 0 127 60	81 0 91 66	85 0 97 70	0 0	0 0
2100	52 0	55 0	80 0	77 0	0 0	0 0	112 0 142 80	108 0 138 79	99 0 118 80	103 0 122 86	0 0	0 0
2200	39 0	47 0	58 0	59 0	0 0	0 0	123 0 147 90	126 0 136 91	110 0 131 79	113 0 142 69	0 0	0 0
2300	20 0	26 0	37 0	39 0	0 0	0 0	127 0 179 107	124 0 170 90	120 0 141 93	124 0 145 102	0 0	0 0
2400	63 0	65 0	84 0	79 0	0 0	0 0	89 0 104 75	84 0 108 58	77 0 87 66	81 0 91 70	0 0	0 0

	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 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	S RAIN S
100	358 0	352 0	358 0	351 0	320 2	320 2	2 0	7 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
200	367 0	361 0	356 0	358 0	320 2	320 2	-11 0	-4 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
300	354 0	349 0	342 0	343 0	320 2	320 2	-13 0	-7 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
400	345 0	342 0	333 0	336 0	320 2	320 2	-13 0	-5 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
500	336 0	333 0	324 0	327 0	320 2	320 2	-13 0	-7 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
600	331 0	329 0	320 0	324 0	320 2	320 2	-13 0	-5 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
700	327 0	322 0	314 0	315 0	320 2	320 2	-13 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
800	312 0	306 0	299 0	303 0	320 2	320 2	-13 0	-5 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
900	324 0	320 0	308 0	312 0	320 2	320 2	-13 0	-5 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1000	306 0	303 0	292 0	294 0	320 2	320 2	-14 0	-7 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1100	305 0	301 0	292 0	296 0	320 2	320 2	-13 0	-7 0	0 0	0 0	139 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1200	322 0	322 0	305 0	305 0	320 2	320 2	-13 0	-5 0	0 0	0 0	141 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1300	324 0	322 0	306 0	310 0	320 2	320 2	-13 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1400	327 0	322 0	314 0	315 0	320 2	320 2	-13 0	-5 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1500	331 0	327 0	320 0	322 0	320 2	320 2	-13 0	-5 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1600	333 0	329 0	322 0	324 0	320 2	320 2	-13 0	-5 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1700	334 0	329 0	320 0	322 0	320 2	320 2	-13 0	-5 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1800	333 0	329 0	322 0	325 0	320 2	320 2	-11 0	-4 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
1900	338 0	334 0	329 0	331 0	320 2	320 2	-11 0	-4 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
2000	342 0	338 0	336 0	338 0	320 2	320 2	-5 0	0 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
2100	349 0	345 0	342 0	343 0	320 2	320 2	-9 0	-2 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
2200	349 0	345 0	342 0	342 0	320 2	320 2	-9 0	-4 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	34 0
2300	349 0	345 0	343 0	345 0	320 2	320 2	-9 0	2 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
2400	351 0	345 0	342 0	343 0	320 2	320 2	-9 0	-2 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0

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

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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	K S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S										
100	82	0	85	0	119	0	112	0	0	0	0	0	112	0	136	92	106	0	129	83	93	0	107	80	98	0	108	81	0	0	0	0	0	0
200	78	0	81	0	103	0	101	0	0	0	0	0	122	0	142	98	117	0	138	93	108	0	123	94	113	0	125	95	0	0	0	0	0	0
300	63	0	67	0	83	0	82	0	0	0	0	0	118	0	140	88	115	0	138	93	109	0	126	93	113	0	135	99	0	0	0	0	0	0
400	59	0	50	0	84	0	81	0	0	0	0	0	115	0	143	90	109	0	138	80	104	0	117	94	107	0	119	94	0	0	0	0	0	0
500	47	0	51	0	56	0	55	0	0	0	0	0	99	0	125	64	94	0	117	72	87	0	104	69	92	0	116	69	0	0	0	0	0	0
600	49	0	53	0	59	0	59	0	0	0	0	0	125	0	143	109	121	0	141	101	110	0	128	99	115	0	131	102	0	0	0	0	0	0
700	60	0	64	0	79	0	75	0	0	0	0	0	107	0	136	78	102	0	143	80	91	0	109	82	96	0	119	86	0	0	0	0	0	0
800	48	0	52	0	66	0	63	0	0	0	0	0	103	0	143	78	95	0	124	67	85	0	100	70	89	0	102	70	0	0	0	0	0	0
900	35	0	38	0	43	0	42	0	0	0	0	0	111	0	140	85	106	0	151	68	93	0	114	70	97	0	123	80	0	0	0	0	0	0
1000	42	0	46	0	43	0	42	0	0	0	0	0	122	0	149	97	116	0	146	85	105	0	128	86	110	0	138	90	0	0	0	0	0	0
1100	36	0	38	0	43	0	40	0	0	0	0	0	121	0	150	94	116	0	152	77	103	0	124	76	108	0	129	80	0	0	0	0	0	0
1200	12	0	17	0	15	0	15	0	0	0	0	0	89	0	118	39	88	3	131	40	82	3	112	22	84	3	126	12	0	0	0	0	0	0
1300	24	0	31	0	31	0	32	0	0	0	0	0	324	0	0	273	312	0	349	267	309	0	334	291	305	0	329	288	0	0	0	0	0	0
1400	26	0	33	0	27	0	30	0	0	0	0	0	70	3	112	42	62	0	99	29	45	3	78	16	48	3	80	6	0	0	0	0	0	0
1500	43	0	46	0	56	0	54	0	0	0	0	0	111	0	149	66	102	0	141	57	81	0	105	57	83	0	105	45	0	0	0	0	0	0
1600	70	2	84	2	94	2	100	2	0	0	0	0	69	2	93	41	61	2	92	31	50	2	74	26	51	2	71	18	0	0	0	0	0	0
1700	64	0	68	0	85	0	80	0	0	0	0	0	96	0	133	70	91	0	124	67	76	0	91	64	79	0	94	65	0	0	0	0	0	0
1800	32	0	40	0	44	0	43	0	0	0	0	0	76	0	91	54	70	0	84	40	65	0	78	49	67	0	83	46	0	0	0	0	0	0
1900	44	0	47	0	74	0	70	0	0	0	0	0	110	0	132	85	107	0	133	83	94	0	98	88	98	0	102	93	0	0	0	0	0	0
2000	55	0	57	0	85	0	80	0	0	0	0	0	108	0	138	86	103	0	127	84	99	0	108	92	102	0	108	97	0	0	0	0	0	0
2100	61	0	64	0	99	0	95	0	0	0	0	0	109	0	144	81	104	0	135	80	92	0	108	77	96	0	116	77	0	0	0	0	0	0
2200	88	0	82	0	125	0	120	0	0	0	0	0	118	0	138	94	116	0	145	90	106	0	116	96	110	0	122	99	0	0	0	0	0	0
2300	43	0	46	0	68	0	67	0	0	0	0	0	128	0	145	109	125	0	144	103	115	0	134	87	119	0	133	99	0	0	0	0	0	0
2400	80	0	81	0	108	0	105	0	0	0	0	0	120	0	142	104	117	0	144	92	107	0	119	97	109	0	123	97	0	0	0	0	0	0

	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	345 0	342 0	343 0	320 2	320 2	-9 0	-2 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
200	352 0	347 0	342 0	343 0	320 2	320 2	-9 0	-4 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
300	352 0	349 0	343 0	345 0	320 2	320 2	-11 0	-4 0	0 0	0 0	155 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
400	354 0	351 0	345 0	347 0	320 2	320 2	-11 0	-4 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
500	349 0	345 0	338 0	342 0	320 2	320 2	-11 0	-4 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	35 0
600	342 0	336 0	333 0	336 0	320 2	320 2	-9 0	2 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
700	342 0	336 0	331 0	334 0	320 2	320 2	-9 0	-4 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
800	343 0	340 0	334 0	336 0	320 2	320 2	-9 0	-4 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
900	345 0	342 0	336 0	340 0	320 2	320 2	-9 0	-4 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1000	354 0	345 0	345 0	347 0	320 2	320 2	-7 0	2 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1100	363 0	355 0	354 0	356 0	320 2	320 2	-7 0	2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1200	378 0	372 0	365 0	369 0	320 2	320 2	-11 0	-5 0	0 0	0 0	166 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1300	379 0	375 0	365 0	367 0	320 2	320 2	-16 0	-9 0	0 0	0 0	170 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1400	387 0	383 0	372 0	376 0	320 2	320 2	-16 0	-9 0	0 0	0 0	171 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1500	388 0	383 0	374 0	376 0	320 2	320 2	-14 0	-9 0	0 0	0 0	171 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1600	383 2	379 2	370 2	372 2	320 2	320 2	-14 2	-7 2	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1700	378 0	372 0	365 0	367 0	320 2	320 2	-13 0	-5 0	0 0	0 0	164 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1800	374 0	369 0	363 0	365 0	320 2	320 2	-11 0	-4 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
1900	369 0	365 0	360 0	361 0	320 2	320 2	-9 0	-2 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	36 0
2000	367 0	363 0	360 0	361 0	320 2	320 2	-7 0	2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	37 0
2100	367 0	360 0	358 0	360 0	320 2	320 2	-9 0	-2 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	37 0
2200	363 0	360 0	356 0	358 0	320 2	320 2	-7 0	0 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	37 0
2300	369 0	365 0	360 0	363 0	320 2	320 2	-9 0	-2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	37 0
2400	370 0	367 0	361 0	365 0	320 2	320 2	-9 0	-2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	37 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.

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	B	S	150A	B	150B	S		50	A	S		50	A	S		50	B	S		50	B	S		150A	S		50	B	S		150B	S		50	B	S		50	B	S		50	B	S			
100	81	0		82	0		102	0	98	0		0	0		0	0		119	0	138	97		115	0	141	86		104	0	118	90		108	0	123	92		0	0		0	0		0	0		0	0			
200	57	0		59	0		88	0	85	0		0	0		0	0		113	0	135	81		107	0	134	75		106	0	131	99		109	0	120	102		0	0		0	0		0	0		0	0			
300	81	0		84	0		120	0	114	0		0	0		0	0		102	0	136	84		97	0	136	60		87	0	106	68		90	0	111	77		0	0		0	0		0	0		0	0			
400	78	0		76	0		109	0	103	0		0	0		0	0		119	0	139	98		115	0	142	95		105	0	122	91		108	0	123	85		0	0		0	0		0	0		0	0			
500	85	0		84	0		122	0	116	0		0	0		0	0		109	0	146	75		103	0	136	80		90	0	112	69		94	0	111	74		0	0		0	0		0	0		0	0			
600	129	0		132	0		173	0	164	0		0	0		0	0		100	0	127	80		94	0	116	76		83	0	93	70		87	0	98	71		0	0		0	0		0	0		0	0			
700	130	0		131	0		177	0	167	0		0	0		0	0		107	0	132	81		102	0	129	74		92	0	112	73		95	0	117	81		0	0		0	0		0	0		0	0			
800	185	0		175	0		233	0	212	0		0	0		0	0		116	0	135	96		110	0	141	69		95	0	113	77		99	0	112	81		0	0		0	0		0	0		0	0			
900	205	0		192	0		258	0	243	0		0	0		0	0		119	0	138	98		115	0	140	73		103	0	116	83		106	0	124	85		0	0		0	0		0	0		0	0			
1000	195	0		194	0		233	0	231	0		0	0		0	0		129	0	153	98		126	0	149	92		116	0	140	98		120	0	138	102		0	0		0	0		0	0		0	0			
1100	195	0		215	0		260	0	261	0		0	0		0	0		134	0	155	101		132	0	154	109		123	0	140	102		127	0	144	105		0	0		0	0		0	0		0	0			
1200	126	0		143	0		221	0	217	0		0	0		0	0		144	0	176	115		143	0	212	104		138	0	204	116		144	0	172	122		0	0		0	0		0	0		0	0			
1300	117	0		125	0		205	0	205	0		0	0		0	0		154	0	197	124		150	0	198	123		148	0	174	130		151	0	167	135		0	0		0	0		0	0		0	0			
1400	89	0		94	0		169	0	159	0		0	0		0	0		174	0	252	113		167	0	219	101		170	0	236	145		171	0	203	147		0	0		0	0		0	0		0	0			
1500	127	0		111	0		192	0	163	0		0	0		0	0		224	0	267	142		219	0	264	135		203	0	233	179		204	0	228	179		0	0		0	0		0	0		0	0			
1600	339	0		310	0		471	0	433	0		0	0		0	0		260	0	285	228		249	0	275	215		243	0	255	228		241	0	250	230		0	0		0	0		0	0		0	0			
1700	267	0		239	0		377	0	335	0		0	0		0	0		250	0	294	204		242	0	286	198		235	0	252	210		233	0	252	205		0	0		0	0		0	0		0	0			
1800	247	0		219	0		336	0	291	0		0	0		0	0		245	0	282	203		237	0	277	190		226	0	257	195		225	0	247	194		0	0		0	0		0	0		0	0			
1900	289	0		249	0		382	0	332	0		0	0		0	0		242	0	279	189		234	0	289	202		227	0	247	190		226	0	246	198		0	0		0	0		0	0		0	0			
2000	277	0		254	0		387	0	339	0		0	0		0	0		250	0	285	192		241	0	289	203		230	0	253	209		231	0	263	208		0	0		0	0		0	0		0	0			
2100	343	0		305	0		458	0	416	0		0	0		0	0		251	0	294	206		245	0	358	201		235	0	282	204		234	0	303	200		0	0		0	0		0	0		0	0			
2200	366	0		324	0		462	0	415	0		0	0		0	0		255	0	301	229		244	0	291	214		238	0	275	203		236	0	269	214		0	0		0	0		0	0		0	0			
2300	371	0		331	0		501	0	446	0		0	0		0	0		252	0	289	209		239	0	274	194		236	0	264	191		233	0	259	209		0	0		0	0		0	0		0	0			
2400	371	0		331	0		517	0	469	0		0	0		0	0		254	0	291	209		253	0	25	210		244	0	293	222		242	0	316	203		0	0		0	0		0	0		0	0			

AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30	A	S	30	B	180A	S	180B	S	S	S	S	180A	S	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	367	0	363	0	358	0	360	0	320	2	320	2	-9	0	-4	0	0	0	0	0	159	2	0	2	0	2	0	2	0	2	0	2	0	2	37	0
200	365	0	360	0	358	0	360	0	320	2	320	2	-7	0	0	0	0	0	0	0	159	2	0	2	0	2	0	2	0	2	0	2	0	2	37	0
300	367	0	361	0	358	0	361	0	320	2	320	2	-7	0	2	0	0	0	0	0	159	2	0	2	0	2	0	2	0	2	0	2	0	2	37	0
400	372	0	367	0	361	0	365	0	320	2	320	2	-11	0	-4	0	0	0	0	0	162	2	0	2	0	2	0	2	0	2	0	2	0	2	37	0
500	374	0	370	0	365	0	367	0	320	2	320	2	-9	0	-4	0	0	0	0	0	162	2	0	2	0	2	0	2	0	2	0	2	0	2	37	0
600	378	0	372	0	367	0	370	0	320	2	320	2	-9	0	-4	0	0	0	0	0	164	2	0	2	0	2	0	2	0	2	0	2	0	2	38	0
700	379	0	376	0	370	0	374	0	320	2	320	2	-9	0	-4	0	0	0	0	0	164	2	0	2	0	2	0	2	0	2	0	2	0	2	39	0
800	388	0	383	0	379	0	381	0	320	2	320	2	-9	0	-4	0	0	0	0	0	168	2	0	2	0	2	0	2	0	2	0	2	0	2	39	0
900	405	0	399	0	392	0	394	0	320	2	320	2	-13	0	-5	0	0	0	0	0	173	2	0	2	0	2	0	2	0	2	0	2	0	2	39	0
1000	412	0	406	0	399	0	401	0	320	2	320	2	-13	0	-5	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	40	0
1100	415	0	410	0	405	0	406	0	320	2	320	2	-11	0	-4	0	0	0	0	0	177	2	0	2	0	2	0	2	0	2	0	2	0	2	47	0
1200	432	0	426	0	424	0	426	0	320	2	320	2	-9	0	-2	0	0	0	0	0	184	2	0	2	0	2	0	2	0	2	0	2	0	2	47	0
1300	446	0	442	0	437	0	439	0	320	2	320	2	-9	0	-4	0	0	0	0	0	189	2	0	2	0	2	0	2	0	2	0	2	0	2	50	0
1400	466	0	460	0	459	0	460	0	320	2	320	2	-7	0	0	0	0	0	0	0	197	2	0	2	0	2	0	2	0	2	0	2	0	2	53	0
1500	487	0	484	0	480	0	482	0	320	2	320	2	-7	0	0	0	0	0	0	0	206	2	0	2	0	2	0	2	0	2	0	2	0	2	55	0
1600	401	0	397	0	388	0	390	0	320	2	320	2	-14	0	-7	0	0	0	0	0	175	2	0	2	0	2	0	2	0	2	0	2	0	2	59	0
1700	325	0	322	0	312	0	315	0	320	2	320	2	-13	0	-7	0	0	0	0	0	146	0	0	2	0	2	0	2	0	2	0	2	0	2	59	0
1800	265	0	261	0	249	0	252	0	320	2	320	2	-14	0	-9	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	59	0
1900	233	0	229	0	218	0	220	0	320	2	320	2	-14	0	-7	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	59	0
2000	218	0	213	0	204	0	207	0	320	2	320	2	-14	0	-7	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	60	0
2100	197	0	193	0	188	0	182	0	320	2	320	2	-14	0	-7	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	62	0
2200	177	0	173	0	162	0	166	0	320	2	320	2	-14	0	-9	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	62	0
2300	166	0	162	0	152	0	153	0	320	2	320	2	-14	0	-9	0	0	0	0	0	85	0	0	2	0	2	0	2	0	2	0	2	0	2	70	0
2400	170	0	161	0	171	0	144	0	320	2	320	2	-13	0	-4	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	75	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN 50		MAX B S		WIND DIR2		MIN 150A S		MAX S		WIND DIR3		MIN 150B S		MAX S		WIND DIR4		MIN S		MAX S		WIND DIR5		MIN S		MAX S		WIND DIR6		MIN S		MAX S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	50	A S	50	B S	150A	S	150B	S	S	50	A	S							150A	S									150B	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

	AMB. TEM1 30 A S	AMB. TEM2 50 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	182 0	179 0	168 0	170 0	320 2	320 2	-14 0	-9 0	0 0	0 0	99 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
200	216 0	211 0	200 0	200 0	320 2	320 2	-14 0	-9 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
300	242 0	238 0	240 0	234 0	320 2	320 2	-13 0	-5 0	0 0	0 0	114 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
400	240 0	238 0	236 0	227 0	320 2	320 2	-16 0	-9 0	0 0	0 0	114 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
500	231 0	227 0	218 0	218 0	320 2	320 2	-16 0	-9 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
600	224 0	220 0	206 0	209 0	320 2	320 2	-18 0	-11 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
700	213 0	209 0	197 0	198 0	320 2	320 2	-18 0	-11 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
800	216 0	209 0	202 0	197 0	320 2	320 2	-18 0	-13 0	0 0	0 0	107 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
900	211 0	206 0	206 0	191 0	320 2	320 2	-18 0	-11 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1000	206 0	202 0	202 0	184 0	320 2	320 2	-18 0	-11 0	0 0	0 0	103 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1100	193 0	185 0	179 0	173 0	320 2	320 2	-18 0	-11 0	0 0	0 0	98 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1200	195 0	188 0	184 0	177 0	320 2	320 2	-18 0	-11 0	0 0	0 0	94 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1300	195 0	191 0	180 0	182 0	320 2	320 2	-16 0	-9 0	0 0	0 0	98 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1400	204 0	198 0	198 0	186 0	320 2	320 2	-18 0	-11 0	0 0	0 0	96 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1500	202 0	198 0	195 0	186 0	320 2	320 2	-16 0	-9 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1600	216 0	211 0	209 0	200 0	320 2	320 2	-14 0	-7 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1700	218 0	213 0	204 0	207 0	320 2	320 2	-14 0	-7 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1800	233 0	229 0	220 0	222 0	320 2	320 2	-14 0	-7 0	0 0	0 0	110 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1900	233 0	229 0	218 0	222 0	320 2	320 2	-14 0	-7 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2000	222 0	216 0	207 0	209 0	320 2	320 2	-14 0	-7 0	0 0	0 0	107 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2100	215 0	209 0	200 0	202 0	320 2	320 2	-14 0	-7 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2200	204 0	207 0	191 0	193 0	320 2	320 2	-14 0	-7 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2300	202 0	197 0	189 0	191 0	320 2	320 2	-13 0	-7 0	0 0	0 0	99 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2400	218 0	213 0	206 0	207 0	320 2	320 2	-13 0	-5 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	77 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 S	MIN 50	MAX B S	WIND DIR2 S	MIN 150A	MAX S	WIND DIR3 S	MIN 150B	MAX S	WIND DIR4 S	MIN S	MAX S	WIND DIR5 S	MIN S	MAX S	WIND DIR6 S
100	129 0	139 0	173 0	157 0	0 0	0 0	312 0	341	282	300 0	330	274	300 0	328	283	300 0	328	283	0 0	0	0	0 0
200	114 0	119 0	160 0	159 0	0 0	0 0	329 0	13	296	318 0	21	279	318 0	331	284	318 0	351	284	0 0	0	0	0 0
300	115 0	119 0	150 0	151 0	0 0	0 0	318 0	358	273	304 0	343	262	303 0	335	272	303 0	335	272	0 0	0	0	0 0
400	47 0	47 0	73 0	65 0	0 0	0 0	243 0	321	185	236 0	344	180	212 0	265	152	212 0	265	152	0 0	0	0	0 0
500	109 0	113 0	134 0	136 0	0 0	0 0	294 0	348	252	281 0	332	237	277 0	321	243	277 0	321	243	0 0	0	0	0 0
600	109 0	107 0	145 0	132 0	0 0	0 0	258 0	299	204	250 0	297	199	243 0	267	197	243 0	267	197	0 0	0	0	0 0
700	110 0	102 0	149 0	129 0	0 0	0 0	246 0	299	193	235 0	274	186	226 0	260	193	226 0	260	193	0 0	0	0	0 0
800	66 0	61 0	103 0	88 0	0 0	0 0	217 0	266	142	213 0	265	105	202 0	224	170	202 0	224	170	0 0	0	0	0 0
900	89 0	82 0	123 0	106 0	0 0	0 0	222 0	267	165	217 0	255	174	204 0	221	177	204 0	221	177	0 0	0	0	0 0
1000	86 0	78 0	123 0	106 0	0 0	0 0	237 0	289	191	229 0	265	175	218 0	240	190	218 0	240	190	0 0	0	0	0 0
1100	41 0	43 0	71 0	63 0	0 0	0 0	215 0	255	142	209 0	266	116	203 0	231	169	203 0	231	169	0 0	0	0	0 0
1200	96 2	89 2	116 2	99 2	0 0	0 0	235 2	297	199	227 2	283	188	217 2	243	194	217 2	243	194	0 0	0	0	0 0
1300	58 0	55 0	80 0	72 0	0 0	0 0	245 0	285	183	237 0	285	183	218 0	243	186	218 0	243	186	0 0	0	0	0 0
1400	39 0	42 0	64 0	57 0	0 0	0 0	193 0	254	117	189 0	268	107	186 0	225	145	186 0	225	145	0 0	0	0	0 0
1500	38 0	42 0	59 0	54 0	0 0	0 0	186 0	258	107	183 0	265	90	179 0	231	131	179 0	231	131	0 0	0	0	0 0
1600	47 0	53 0	78 0	70 0	0 0	0 0	182 0	251	115	175 0	266	97	174 0	208	129	174 0	208	129	0 0	0	0	0 0
1700	44 0	52 0	84 0	82 0	0 0	0 0	167 0	231	123	161 0	231	98	162 0	186	138	162 0	186	138	0 0	0	0	0 0
1800	57 0	56 0	93 0	92 0	0 0	0 0	146 0	177	114	141 0	184	115	141 0	152	118	141 0	152	118	0 0	0	0	0 0
1900	53 0	64 0	86 0	64 0	0 0	0 0	143 0	178	105	137 0	169	110	137 0	158	113	137 0	158	113	0 0	0	0	0 0
2000	71 0	80 0	108 0	109 0	0 0	0 0	140 0	165	120	140 0	165	116	139 0	202	123	139 0	202	123	0 0	0	0	0 0
2100	54 0	64 0	89 0	88 0	0 0	0 0	146 0	185	120	141 0	176	106	144 0	163	124	144 0	163	124	0 0	0	0	0 0
2200	63 0	75 0	113 0	112 0	0 0	0 0	148 0	194	127	142 0	175	113	145 0	159	129	145 0	159	129	0 0	0	0	0 0
2300	62 0	70 0	111 0	110 0	0 0	0 0	154 0	203	114	150 0	184	98	154 0	177	130	154 0	177	130	0 0	0	0	0 0
2400	71 0	76 0	124 0	123 0	0 0	0 0	158 0	210	116	155 0	200	118	153 0	172	128	153 0	172	128	0 0	0	0	0 0

	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	8 RAIN S
100	225 0	220 0	213 0	215 0	320 2	320 2	-13 0	-5 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
200	227 0	224 0	216 0	218 0	320 2	320 2	-13 0	-5 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
300	231 0	227 0	218 0	220 0	320 2	320 2	-13 0	-7 0	0 0	0 0	110 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
400	204 0	197 0	184 0	186 0	320 2	320 2	-18 0	-13 0	0 0	0 0	107 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
500	233 0	219 0	220 0	234 0	320 2	320 2	-13 0	-5 0	0 0	0 0	110 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
600	224 0	216 0	211 0	213 0	320 2	320 2	-13 0	-7 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
700	197 0	193 0	188 0	189 0	320 2	320 2	-11 0	-4 0	0 0	0 0	98 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
800	186 0	182 0	177 0	179 0	320 2	320 2	-11 0	-4 0	0 0	0 0	94 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
900	177 0	171 0	166 0	168 0	320 2	320 2	-11 0	-4 0	0 0	0 0	90 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1000	184 0	180 0	171 0	173 0	320 2	320 2	-14 0	-7 0	0 0	0 0	92 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1100	193 0	189 0	175 0	179 0	320 2	320 2	-18 0	-13 0	0 0	0 0	99 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1200	206 2	204 2	191 2	195 2	320 2	320 2	-14 2	-9 2	0 0	0 0	99 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1300	216 0	213 0	200 0	202 0	320 2	320 2	-16 0	-11 0	0 0	0 0	110 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1400	220 0	213 0	200 0	200 0	320 2	320 2	-20 0	-14 0	0 0	0 0	114 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1500	224 0	216 0	197 0	198 0	320 2	320 2	-25 0	-18 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1600	216 0	213 0	197 0	198 0	320 2	320 2	-18 0	-13 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1700	204 0	195 0	191 0	193 0	320 2	320 2	-13 0	-7 0	0 0	0 0	99 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1800	200 0	197 0	189 0	191 0	320 2	320 2	-13 0	-5 0	0 0	0 0	98 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1900	200 0	197 0	189 0	191 0	320 2	320 2	-13 0	-5 0	0 0	0 0	99 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2000	206 0	202 0	197 0	195 0	320 2	320 2	-11 0	-4 0	0 0	0 0	94 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2100	211 0	207 0	200 0	202 0	320 2	320 2	-11 0	-4 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2200	218 0	213 0	207 0	209 0	320 2	320 2	-11 0	-4 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2300	222 0	215 0	213 0	215 0	320 2	320 2	-11 0	-4 0	0 0	0 0	107 0	0 2	0 2	0 2	0 2	0 2	0 2	77 0
2400	224 0	218 0	213 0	215 0	320 2	320 2	-11 0	-4 0	0 0	0 0	107 0	0 2	0 2	0 2	0 2	0 2	0 2	77 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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
	SPD1	DIR1	SPD2	DIR2	SPD3	DIR3	SPD4	DIR4	SPD5	DIR5	SPD6	DIR6	SPD7	DIR7	SPD8	DIR8	SPD9	DIR9	SPD10	DIR10	SPD11	DIR11	SPD12	DIR12
	50 A	S	50 B	S	150A	S	150B	S	S	S	50 A	S	50 B	S	150A	S	150B	S	S	S	50 A	S	50 B	S
100	77	0	89	0	153	0	152	0	0	0	0	0	157	0	210	110	153	0	215	107	155	0	186	130
200	76	0	85	0	125	0	126	0	0	0	0	0	158	0	210	128	151	0	187	106	153	0	178	133
300	88	0	103	0	154	0	154	0	0	0	0	0	146	0	183	110	143	0	176	120	145	0	158	129
400	88	0	99	0	165	0	163	0	0	0	0	0	154	0	189	113	150	0	191	117	154	0	175	125
500	62	0	67	0	120	0	122	0	0	0	0	0	170	0	263	115	159	0	228	117	166	0	193	144
600	47	0	53	0	88	0	85	0	0	0	0	0	197	0	260	144	190	0	261	124	181	0	227	147
700	58	0	59	0	115	0	103	0	0	0	0	0	199	0	262	103	201	0	266	98	190	0	220	163
800	52	0	52	0	98	0	90	0	0	0	0	0	204	0	269	110	197	0	261	106	189	0	221	152
900	53	0	57	0	101	0	89	0	0	0	0	0	206	0	264	98	196	0	264	134	189	0	239	161
1000	64	0	61	0	110	0	97	0	0	0	0	0	218	0	263	132	214	0	268	155	201	0	242	167
1100	73	0	69	0	102	0	90	0	0	0	0	0	225	0	266	148	219	0	269	158	208	0	244	157
1200	90	0	81	0	116	0	102	0	0	0	0	0	237	0	296	187	229	0	293	180	215	0	248	186
1300	87	0	80	0	97	0	89	0	0	0	0	0	260	0	318	224	253	0	290	205	232	0	261	201
1400	70	0	69	0	82	0	74	0	0	0	0	0	251	0	300	200	242	0	276	200	228	0	270	192
1500	61	0	61	0	83	0	71	0	0	0	0	0	237	0	310	182	230	0	321	183	221	0	271	180
1600	54	0	59	0	87	0	80	0	0	0	0	0	190	0	254	122	183	0	244	110	181	0	225	141
1700	38	0	41	0	81	0	72	0	0	0	0	0	189	0	247	115	185	0	235	134	180	0	197	152
1800	39	0	45	0	83	0	84	0	0	0	0	0	169	0	194	143	164	0	192	136	173	0	177	165
1900	46	0	52	0	91	0	93	0	0	0	0	0	163	0	210	126	157	0	196	120	169	0	179	156
2000	51	0	54	0	109	0	109	0	0	0	0	0	164	0	202	131	158	0	191	130	176	0	183	170
2100	54	0	60	0	123	0	123	0	0	0	0	0	166	0	195	128	159	0	200	110	174	0	183	163
2200	52	0	56	0	123	0	122	0	0	0	0	0	172	0	218	128	164	0	197	124	173	0	183	156
2300	60	0	64	0	125	0	122	0	0	0	0	0	165	0	216	126	159	0	197	115	173	0	186	158
2400	49	0	54	0	111	0	110	0	0	0	0	0	167	0	209	116	160	0	220	116	170	0	186	152

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S		
	30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S	
100	225	0	222	0	215	0	216	0	320	2	320	2	-11	0	-4	0	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
200	229	0	225	0	220	0	222	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
300	233	0	229	0	222	0	225	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
400	236	0	234	0	229	0	231	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
500	242	0	234	0	233	0	234	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	114	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
600	243	0	240	0	234	0	236	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
700	249	0	243	0	240	0	243	0	320	2	320	2	-7	0	2	0	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
800	254	0	245	0	243	0	242	0	320	2	320	2	-9	0	-4	0	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
900	256	0	252	0	245	0	247	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1000	270	0	263	0	254	0	256	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1100	288	0	283	0	270	0	272	0	320	2	320	2	-14	0	-11	0	0	0	0	0	0	143	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1200	292	0	287	0	278	0	278	0	320	2	320	2	-14	0	-9	0	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1300	312	0	299	0	296	0	294	0	320	2	320	2	-14	0	-11	0	0	0	0	0	0	153	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1400	315	0	312	0	301	0	303	0	320	2	320	2	-14	0	-11	0	0	0	0	0	0	152	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1500	340	0	334	0	320	0	322	0	320	2	320	2	-18	0	-14	0	0	0	0	0	0	170	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1600	329	0	325	0	310	0	312	0	320	2	320	2	-18	0	-13	0	0	0	0	0	0	148	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1700	312	0	306	0	303	0	305	0	320	2	320	2	-7	0	-2	0	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1800	290	0	287	0	297	0	299	0	320	2	320	2	7	0	13	0	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
1900	283	0	279	0	292	0	294	0	320	2	320	2	9	0	14	0	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
2000	272	0	269	0	288	0	292	0	320	2	320	2	18	0	25	0	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
2100	270	0	265	0	287	0	288	0	320	2	320	2	18	0	25	0	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
2200	265	0	261	0	274	0	276	0	320	2	320	2	9	0	14	0	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
2300	263	0	260	0	267	0	270	0	320	2	320	2	5	0	11	0	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	77	0
2400	267	0	263	0	267	0	269	0	320	2	320	2	0	0	5	0	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	77	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.

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	54 0	59 0	113 0	115 0	0 0	0 0	167 0	199	125	162 0	200	123	169 0	179	154	169 0	179	154	0 0	0 0	0 0	0 0	0 0	0 0
200	59 0	65 0	129 0	118 0	0 0	0 0	186 0	234	131	174 0	267	130	178 0	192	163	178 0	192	163	0 0	0 0	0 0	0 0	0 0	0 0
300	60 0	64 0	119 0	117 0	0 0	0 0	166 0	206	113	161 0	199	111	173 0	196	156	173 0	196	156	0 0	0 0	0 0	0 0	0 0	0 0
400	62 0	65 0	125 0	126 0	0 0	0 0	148 0	192	116	144 0	180	112	159 0	169	148	159 0	169	148	0 0	0 0	0 0	0 0	0 0	0 0
500	49 0	53 0	107 0	105 0	0 0	0 0	145 0	199	119	142 0	187	116	157 0	174	138	157 0	174	138	0 0	0 0	0 0	0 0	0 0	0 0
600	64 0	67 0	111 0	112 0	0 0	0 0	161 0	200	116	155 0	206	122	160 0	177	141	160 0	177	141	0 0	0 0	0 0	0 0	0 0	0 0
700	51 0	58 0	72 0	72 0	0 0	0 0	134 0	168	115	128 0	156	98	136 0	149	119	136 0	149	119	0 0	0 0	0 0	0 0	0 0	0 0
800	43 0	51 0	90 0	90 0	0 0	0 0	151 0	184	115	148 0	197	120	155 0	166	141	155 0	166	141	0 0	0 0	0 0	0 0	0 0	0 0
900	48 0	55 0	80 0	78 0	0 0	0 0	138 0	160	119	134 0	158	107	141 0	163	124	141 0	163	124	0 0	0 0	0 0	0 0	0 0	0 0
1000	42 0	50 0	88 0	87 0	0 0	0 0	162 0	258	127	155 0	206	112	154 0	179	124	154 0	179	124	0 0	0 0	0 0	0 0	0 0	0 0
1100	47 0	50 0	87 0	89 0	0 0	0 0	171 0	221	126	162 0	203	96	163 0	186	133	163 0	186	133	0 0	0 0	0 0	0 0	0 0	0 0
1200	31 0	34 0	74 0	66 0	0 0	0 0	198 0	262	132	189 0	256	100	183 0	218	143	183 0	218	143	0 0	0 0	0 0	0 0	0 0	0 0
1300	34 0	32 0	64 0	56 0	0 0	0 0	222 0	266	154	218 0	266	95	205 0	224	190	205 0	224	190	0 0	0 0	0 0	0 0	0 0	0 0
1400	59 0	56 0	90 0	82 0	0 0	0 0	247 0	347	183	241 0	311	186	236 0	308	194	236 0	308	194	0 0	0 0	0 0	0 0	0 0	0 0
1500	137 0	139 0	167 0	163 0	0 0	0 0	298 0	344	252	287 0	321	248	280 0	321	235	280 0	321	235	0 0	0 0	0 0	0 0	0 0	0 0
1600	166 0	167 0	183 0	191 0	0 0	0 0	301 0	342	262	291 0	357	254	283 0	314	248	283 0	314	248	0 0	0 0	0 0	0 0	0 0	0 0
1700	148 0	151 0	168 0	171 0	0 0	0 0	294 0	354	239	284 0	337	236	279 0	307	224	279 0	307	224	0 0	0 0	0 0	0 0	0 0	0 0
1800	178 0	180 0	239 0	231 0	0 0	0 0	312 0	337	269	301 0	322	276	299 0	308	288	299 0	308	288	0 0	0 0	0 0	0 0	0 0	0 0
1900	236 0	235 0	302 0	295 0	0 0	0 0	314 0	336	285	301 0	332	271	299 0	309	289	299 0	309	289	0 0	0 0	0 0	0 0	0 0	0 0
2000	230 0	239 0	318 0	303 0	0 0	0 0	325 0	11	291	313 0	358	276	311 0	352	298	311 0	352	298	0 0	0 0	0 0	0 0	0 0	0 0
2100	247 0	250 0	329 0	315 0	0 0	0 0	321 0	345	283	309 0	343	274	311 0	328	302	311 0	328	302	0 0	0 0	0 0	0 0	0 0	0 0
2200	233 0	239 0	323 0	309 0	0 0	0 0	313 0	358	283	300 0	327	275	300 0	308	289	300 0	308	289	0 0	0 0	0 0	0 0	0 0	0 0
2300	201 0	206 0	297 0	280 0	0 0	0 0	321 0	8	276	308 0	13	275	310 0	336	281	310 0	336	281	0 0	0 0	0 0	0 0	0 0	0 0
2400	100 0	105 0	132 0	126 0	0 0	0 0	47 0	83	14	39 0	74	1	28 0	74	355	28 0	74	355	0 0	0 0	0 0	0 0	0 0	0 0

	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	B S	RAIN S
100	267 0	261 0	267 0	269 0	320 2	320 2	0 0	7 0	0 0	0 0	123 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
200	263 0	258 0	265 0	269 0	320 2	320 2	4 0	9 0	0 0	0 0	119 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
300	256 0	252 0	261 0	263 0	320 2	320 2	5 0	11 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
400	249 0	245 0	256 0	260 0	320 2	320 2	9 0	14 0	0 0	0 0	116 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
500	261 0	258 0	261 0	263 0	320 2	320 2	0 0	5 0	0 0	0 0	123 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
600	269 0	265 0	260 0	261 0	320 2	320 2	-9 0	-2 0	0 0	0 0	125 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
700	272 0	267 0	263 0	265 0	320 2	320 2	-9 0	-4 0	0 0	0 0	126 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
800	274 0	269 0	267 0	269 0	320 2	320 2	-7 0	0 0	0 0	0 0	126 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
900	278 0	272 0	269 0	270 0	320 2	320 2	-9 0	-4 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1000	288 0	283 0	278 0	281 0	320 2	320 2	-9 0	-4 0	0 0	0 0	126 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1100	296 0	290 0	281 0	283 0	320 2	320 2	-13 0	-7 0	0 0	0 0	137 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	77 0
1200	310 0	305 0	292 0	294 0	320 2	320 2	-16 0	-13 0	0 0	0 0	135 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	81 0
1300	312 0	306 0	297 0	301 0	320 2	320 2	-13 0	-7 0	0 0	0 0	141 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	85 0
1400	317 0	312 0	306 0	310 0	320 2	320 2	-9 0	-4 0	0 0	0 0	143 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	91 0
1500	342 0	338 0	334 0	338 0	320 2	320 2	-7 0	0 0	0 0	0 0	148 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	96 0
1600	352 0	347 0	342 0	345 0	320 2	320 2	-9 0	-4 0	0 0	0 0	152 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	99 0
1700	349 0	343 0	338 0	340 0	320 2	320 2	-9 0	-4 0	0 0	0 0	153 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	99 0
1800	331 0	327 0	320 0	324 0	320 2	320 2	-9 0	-4 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	100 0
1900	329 0	325 0	317 0	320 0	320 2	320 2	-11 0	-5 0	0 0	0 0	146 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	100 0
2000	315 0	312 0	301 0	305 0	320 2	320 2	-13 0	-7 0	0 0	0 0	141 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	101 0
2100	312 0	305 0	297 0	299 0	320 2	320 2	-13 0	-7 0	0 0	0 0	141 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	101 0
2200	308 0	305 0	296 0	297 0	320 2	320 2	-13 0	-7 0	0 0	0 0	139 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	101 0
2300	331 0	325 0	320 0	322 0	320 2	320 2	-11 0	-4 0	0 0	0 0	146 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	101 0
2400	331 0	327 0	322 0	324 0	320 2	320 2	-9 0	-4 0	0 0	0 0	148 0	0 2	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

[illegible]

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
30 A	5	30 B	5	180A	5	180B	5	5	5	180A	5	180B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
100	325	0	320	0	314	0	315	0	320	2	320	2	-9	0	-4	0	0	0	0	0	144	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
200	317	0	312	0	305	0	306	0	320	2	320	2	-11	0	-5	0	0	0	0	0	143	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
300	297	0	294	0	287	0	288	0	320	2	320	2	-11	0	-5	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
400	285	0	281	0	274	0	276	0	320	2	320	2	-11	0	-5	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
500	287	0	283	0	281	0	283	0	320	2	320	2	-5	0	0	0	0	0	0	0	130	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
600	288	0	285	0	288	0	290	0	320	2	320	2	0	0	5	0	0	0	0	0	132	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
700	315	0	312	0	314	0	315	0	320	2	320	2	2	0	4	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
800	345	0	336	0	340	0	340	0	320	2	320	2	-7	0	-2	0	0	0	0	0	153	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
900	270	0	267	0	283	0	285	0	320	2	320	2	13	0	18	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1000	303	0	296	0	299	0	301	0	320	2	320	2	-4	0	4	0	0	0	0	0	144	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1100	325	0	320	0	312	0	314	0	320	2	320	2	-11	0	-5	0	0	0	0	0	155	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1200	343	0	334	0	333	0	333	0	320	2	320	2	-13	0	-7	0	0	0	0	0	159	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1300	358	0	352	0	351	0	352	0	320	2	320	2	-7	0	-2	0	0	0	0	0	164	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1400	356	0	349	0	345	0	345	0	320	2	320	2	-13	0	-7	0	0	0	0	0	161	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1500	345	0	336	0	338	0	338	0	320	2	320	2	-11	0	-4	0	0	0	0	0	153	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1600	343	0	339	0	342	0	342	0	320	2	320	2	-5	0	0	0	0	0	0	0	153	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1700	345	0	342	0	334	0	338	0	320	2	320	2	-9	0	-4	0	0	0	0	0	152	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1800	349	0	345	0	340	0	342	0	320	2	320	2	-9	0	-4	0	0	0	0	0	153	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
1900	354	0	349	0	343	0	345	0	320	2	320	2	-9	0	-4	0	0	0	0	0	155	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
2000	352	0	347	0	342	0	343	0	320	2	320	2	-11	0	-5	0	0	0	0	0	155	0	0	2	0	2	0	2	0	2	0	2	0	2	101	0
2100	343	0	340	0	334	0	336	0	320	2	320	2	-9	0	-4	0	0	0	0	0	152	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	338	0	334	0	329	0	331	0	320	2	320	2	-9	0	-4	0	0	0	0	0	150	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2300	315	0	312	0	308	0	310	0	320	2	320	2	-7	0	2	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2400	294	0	290	0	288	0	290	0	320	2	320	2	-5	0	0	0	0	0	0	0	132	0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN	MAX	WIND DIR2		MIN	MAX	WIND DIR3		MIN	MAX	WIND DIR4		MIN	MAX	WIND DIR5		MIN	MAX	WIND DIR6			
	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	50	B S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S
100	44	0	42	0	78	0	68	0	0	0	0	0	210	0	262	138	203	0	248	158	200	0	221	170	200	0	221	170	0	0	0	0	0	0		
200	46	0	46	0	90	0	81	0	0	0	0	0	218	0	256	176	209	0	260	163	210	0	224	189	210	0	224	189	0	0	0	0	0	0		
300	52	0	52	0	89	0	77	0	0	0	0	0	219	0	253	170	213	0	273	180	207	0	221	189	207	0	221	189	0	0	0	0	0	0		
400	56	0	55	0	100	0	88	0	0	0	0	0	214	0	252	159	206	0	253	166	208	0	220	193	208	0	220	193	0	0	0	0	0	0		
500	37	0	42	0	94	0	82	0	0	0	0	0	194	0	257	104	194	0	266	116	189	0	228	162	189	0	228	162	0	0	0	0	0	0		
600	51	0	54	0	94	0	84	0	0	0	0	0	185	0	240	90	178	0	224	107	183	0	213	159	183	0	213	159	0	0	0	0	0	0		
700	66	0	71	0	123	0	114	0	0	0	0	0	193	0	267	130	182	0	255	110	181	0	222	152	181	0	222	152	0	0	0	0	0	0		
800	59	0	59	0	96	0	84	0	0	0	0	0	209	0	264	131	202	0	262	123	190	0	224	152	190	0	224	152	0	0	0	0	0	0		
900	53	0	52	0	86	0	77	0	0	0	0	0	212	0	257	96	210	0	268	118	196	0	259	166	196	0	259	166	0	0	0	0	0	0		
1000	88	0	81	0	112	0	95	0	0	0	0	0	220	0	267	123	216	0	252	146	201	0	231	175	201	0	231	175	0	0	0	0	0	0		
1100	68	0	62	0	118	0	104	0	0	0	0	0	201	0	266	93	198	0	262	90	188	0	222	145	188	0	222	145	0	0	0	0	0	0		
1200	80	0	80	0	137	0	118	0	0	0	0	0	203	0	261	112	193	0	267	123	187	0	222	151	187	0	222	151	0	0	0	0	0	0		
1300	77	0	73	0	131	0	115	0	0	0	0	0	210	0	269	106	201	0	264	107	189	0	237	143	189	0	237	143	0	0	0	0	0	0		
1400	99	0	96	0	151	0	129	0	0	0	0	0	214	0	263	167	205	0	253	169	193	0	237	132	193	0	237	132	0	0	0	0	0	0		
1500	66	0	64	0	117	0	108	0	0	0	0	0	202	0	257	106	196	0	269	110	189	0	242	157	189	0	242	157	0	0	0	0	0	0		
1600	81	0	87	0	164	0	148	0	0	0	0	0	199	0	269	90	189	0	250	91	181	0	199	153	181	0	199	153	0	0	0	0	0	0		
1700	76	0	73	0	143	0	129	0	0	0	0	0	206	0	266	105	195	0	259	98	187	0	235	145	187	0	235	145	0	0	0	0	0	0		
1800	75	0	73	0	137	0	121	0	0	0	0	0	210	0	268	138	201	0	252	122	189	0	225	155	189	0	225	155	0	0	0	0	0	0		
1900	87	0	81	0	139	0	118	0	0	0	0	0	226	0	303	185	215	0	259	151	201	0	224	177	201	0	224	177	0	0	0	0	0	0		
2000	63	0	59	0	104	0	90	0	0	0	0	0	227	0	262	167	219	0	255	99	205	0	236	175	205	0	236	175	0	0	0	0	0	0		
2100	57	0	55	0	107	0	92	0	0	0	0	0	217	0	264	168	215	0	270	180	205	0	224	186	205	0	224	186	0	0	0	0	0	0		
2200	90	0	80	0	136	0	122	0	0	0	0	0	231	0	273	189	221	0	251	196	213	0	233	191	213	0	233	191	0	0	0	0	0	0		
2300	88	0	80	0	137	0	124	0	0	0	0	0	235	0	269	185	225	0	261	200	216	0	234	191	216	0	234	191	0	0	0	0	0	0		
2400	70	0	64	0	106	0	94	0	0	0	0	0	227	0	264	170	222	0	259	163	213	0	234	194	213	0	234	194	0	0	0	0	0	0		

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
	30	A S	30	B S	180A	S	180B	S	30	A S	30	B S	180A	S	180B	S	30	A S	30	B S	30	A S	30	B S	30	A S	30	B S	30	A S	30	B S	30	A S	30	B S	
100	281	0	278	0	276	0	278	0	320	2	320	2	-5	0	2	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
200	265	0	260	0	265	0	267	0	320	2	320	2	2	0	7	0	0	0	0	0	119	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
300	270	0	263	0	269	0	270	0	320	2	320	2	-4	0	2	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
400	254	0	249	0	254	0	256	0	320	2	320	2	2	0	7	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
500	247	0	242	0	236	0	240	0	320	2	320	2	-9	0	-4	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
600	234	0	229	0	224	0	225	0	320	2	320	2	-9	0	-4	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
700	222	0	216	0	213	0	215	0	320	2	320	2	-9	0	-2	0	0	0	0	0	107	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
800	233	0	227	0	224	0	225	0	320	2	320	2	-9	0	-4	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
900	234	0	229	0	224	0	225	0	320	2	320	2	-9	0	-4	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1000	243	0	240	0	234	0	236	0	320	2	320	2	-11	0	-5	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1100	263	0	259	0	247	0	247	0	320	2	320	2	-16	0	-11	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1200	278	0	274	0	249	0	251	0	320	2	320	2	-27	0	-22	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1300	283	0	274	0	261	0	261	0	320	2	320	2	-23	0	-18	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1400	290	0	287	0	270	0	272	0	320	2	320	2	-20	0	-14	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1500	297	0	292	0	278	0	279	0	320	2	320	2	-20	0	-16	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1600	290	0	287	0	276	0	278	0	320	2	320	2	-14	0	-11	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1700	278	0	274	0	269	0	270	0	320	2	320	2	-9	0	-4	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1800	278	0	273	0	272	0	272	0	320	2	320	2	-5	0	0	0	0	0	0	0	125	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
1900	281	0	276	0	274	0	276	0	320	2	320	2	-7	0	0	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
2000	281	0	276	0	276	0	278	0	320	2	320	2	-5	0	2	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
2100	288	0	279	0	287	0	288	0	320	2	320	2	-2	0	4	0	0	0	0	0	132	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
2200	283	0	278	0	279	0	281	0	320	2	320	2	-2	0	4	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
2300	287	0	281	0	281	0	283	0	320	2	320	2	-5	0	2	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0
2400	287	0	278	0	281	0	285	0	320	2	320	2	-5	0	2	0	0	0	0	0	134	0	0	2	0	2	0	2	0	2	0	2	0	2	0	102	0

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6				
	50	A S	50	B S	150A	S	150B	S		S	50	A	S			50	B	S			150A	S			150B	S			150B	S			S			S			S			S					
100	73	0	65	0	124	0	115	0	0	0	0	0	222	0	267	178			215	0	264	170	212	0	228	197	212	0	228	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
200	70	0	65	0	108	0	98	0	0	0	0	0	231	0	262	203			223	0	252	200	217	0	239	198	217	0	239	198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
300	69	0	63	0	114	0	101	0	0	0	0	0	232	0	269	202			224	0	259	186	220	0	237	195	220	0	237	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
400	75	0	73	0	129	0	115	0	0	0	0	0	219	0	253	186			210	0	245	159	209	0	221	199	209	0	221	199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
500	77	0	70	0	125	0	106	0	0	0	0	0	238	0	278	196			230	0	262	200	229	0	252	211	229	0	252	211	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
600	65	0	65	0	123	0	114	0	0	0	0	0	217	0	251	172			207	0	238	180	216	0	228	205	216	0	228	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
700	60	0	64	0	110	0	101	0	0	0	0	0	206	0	237	150			199	0	233	161	213	0	221	201	213	0	221	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
800	55	0	58	0	121	0	109	0	0	0	0	0	198	0	228	160			191	0	222	161	207	0	216	200	207	0	216	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
900	50	0	51	0	115	0	104	0	0	0	0	0	205	0	242	143			197	0	238	135	210	0	220	201	210	0	220	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1000	50	0	46	0	101	0	90	0	0	0	0	0	220	0	254	165			212	0	252	154	213	0	228	198	213	0	228	198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1100	47	0	44	0	75	0	68	0	0	0	0	0	231	0	278	194			223	0	261	147	213	0	242	158	213	0	242	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	42	0	43	0	64	0	56	0	0	0	0	0	219	0	266	163			211	0	261	76	199	0	225	163	199	0	225	163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	33	0	36	0	60	0	54	0	0	0	0	0	199	0	267	115			197	0	263	102	193	0	238	155	193	0	238	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	24	0	27	0	48	0	44	0	0	0	0	0	209	0	268	108			199	3	265	105	195	0	224	169	195	0	224	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1500	34	0	34	0	56	0	52	0	0	0	0	0	239	0	289	185			229	0	276	180	228	0	266	177	228	0	266	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1600	19	0	22	0	42	0	38	0	0	0	0	0	193	0	268	102			190	3	260	107	191	0	217	143	191	0	217	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1700	24	0	29	0	49	0	45	0	0	0	0	0	195	0	231	159			188	0	218	165	210	0	218	193	210	0	218	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1800	45	0	50	0	57	0	49	0	0	0	0	0	191	0	201	170			184	0	192	169	206	0	218	196	206	0	218	196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1900	36	0	40	0	77	0	70	0	0	0	0	0	203	0	247	155			195	0	242	135	208	0	218	201	208	0	218	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	41	0	44	0	69	0	68	0	0	0	0	0	303	0	358	185			296	0	354	233	290	0	343	241	290	0	343	241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2100	81	0	64	0	117	0	118	0	0	0	0	0	324	0	4	283			314	0	18	283	314	0	326	302	314	0	326	302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2200	95	0	102	0	122	0	117	0	0	0	0	0	317	0	341	285			304	0	327	255	301	0	311	294	301	0	311	294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2300	115	0	117	0	145	0	147	0	0	0	0	0	305	0	331	276			294	0	317	263	291	0	299	279	291	0	299	279	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2400	112	0	115	0	135	0	136	0	0	0	0	0	307	0	340	264			297	0	324	265	291	0	310	270	291	0	310	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

	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	S	RAIN S
100	269 0	254 0	279 0	278 0	320 2	320 2	11 0	14 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
200	276 0	272 0	272 0	274 0	320 2	320 2	-4 0	2 0	0 0	0 0	126 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
300	279 0	274 0	276 0	278 0	320 2	320 2	-2 0	4 0	0 0	0 0	126 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
400	261 0	256 0	272 0	274 0	320 2	320 2	11 0	18 0	0 0	0 0	119 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
500	294 0	290 0	294 0	296 0	320 2	320 2	0 0	5 0	0 0	0 0	132 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
600	279 0	274 0	294 0	296 0	320 2	320 2	18 0	23 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
700	274 0	270 0	296 0	299 0	320 2	320 2	23 0	29 0	0 0	0 0	125 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
800	274 0	259 0	301 0	303 0	320 2	320 2	29 0	34 0	0 0	0 0	126 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
900	279 0	276 0	296 0	297 0	320 2	320 2	18 0	23 0	0 0	0 0	130 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1000	310 0	305 0	306 0	310 0	320 2	320 2	-2 0	4 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1100	331 0	329 0	315 0	322 0	320 2	320 2	-14 0	-9 0	0 0	0 0	153 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1200	345 0	342 0	327 0	329 0	320 2	320 2	-18 0	-14 0	0 0	0 0	161 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1300	354 0	349 0	327 0	329 0	320 2	320 2	-25 0	-20 0	0 0	0 0	164 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1400	349 0	343 0	327 0	329 0	320 2	320 2	-20 0	-14 0	0 0	0 0	161 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1500	354 0	351 0	338 0	340 0	320 2	320 2	-16 0	-11 0	0 0	0 0	161 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1600	358 0	352 0	342 0	342 0	320 2	320 2	-14 0	-9 0	0 0	0 0	161 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1700	345 0	342 0	345 0	347 0	320 2	320 2	0 0	5 0	0 0	0 0	153 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1800	338 0	333 0	352 0	354 0	320 2	320 2	16 0	22 0	0 0	0 0	146 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
1900	342 0	338 0	356 0	360 0	320 2	320 2	16 0	22 0	0 0	0 0	152 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
2000	352 0	347 0	356 0	358 0	320 2	320 2	5 0	11 0	0 0	0 0	153 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
2100	363 0	360 0	352 0	354 0	320 2	320 2	-11 0	-4 0	0 0	0 0	161 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
2200	354 0	349 0	342 0	343 0	320 2	320 2	-11 0	-5 0	0 0	0 0	157 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
2300	354 0	349 0	343 0	345 0	320 2	320 2	-9 0	-4 0	0 0	0 0	155 0	0 2	0 2	0 2	0 2	0 2	0 2	0 2	102 0
2400	343 0	340 0	331 0	334 0	320 2	320 2	-11 0	-5 0	0 0	0 0	153 0	0 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



	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	50	B S	50	B S	150A	S	50	B S	150A	S	50	B S	150B	S	50	B S	150B	S	50	B S	150B	S
100	83	0	87	0	101	0	104	0	0	0	0	0	302	0	335	262	290	0	311	251	285	0	301	257	285	0	301	257	0	0	0	0	0	0
200	82	0	89	0	93	0	97	0	0	0	0	0	297	0	348	256	285	0	339	246	279	0	305	243	279	0	305	243	0	0	0	0	0	0
300	95	0	102	0	111	0	111	0	0	0	0	0	303	0	340	266	291	0	324	230	288	0	303	253	288	0	303	253	0	0	0	0	0	0
400	104	0	109	0	130	0	129	0	0	0	0	0	309	0	0	273	299	0	327	266	296	0	313	282	296	0	313	282	0	0	0	0	0	0
500	99	0	100	0	119	0	119	0	0	0	0	0	306	0	334	277	293	0	317	254	293	0	324	261	293	0	324	261	0	0	0	0	0	0
600	87	0	91	0	109	0	111	0	0	0	0	0	305	0	337	277	293	0	324	269	293	0	305	281	293	0	305	281	0	0	0	0	0	0
700	84	0	88	0	102	0	101	0	0	0	0	0	310	0	341	275	297	0	326	249	292	0	318	260	292	0	318	260	0	0	0	0	0	0
800	82	0	84	0	102	0	100	0	0	0	0	0	309	0	336	249	297	0	325	246	294	0	322	250	294	0	322	250	0	0	0	0	0	0
900	72	0	74	0	96	0	94	0	0	0	0	0	293	0	345	234	282	0	346	231	275	0	301	245	275	0	301	245	0	0	0	0	0	0
1000	65	0	69	0	86	0	87	0	0	0	0	0	298	0	333	258	288	0	331	242	282	0	310	256	282	0	310	256	0	0	0	0	0	0
1100	62	0	63	0	81	0	81	0	0	0	0	0	306	0	345	265	295	0	351	244	286	0	311	235	286	0	311	235	0	0	0	0	0	0
1200	62	0	65	0	89	0	87	0	0	0	0	0	311	0	348	280	298	0	328	263	296	0	315	273	296	0	315	273	0	0	0	0	0	0
1300	66	0	63	0	83	0	79	0	0	0	0	0	291	0	341	213	285	0	337	228	275	0	304	242	275	0	304	242	0	0	0	0	0	0
1400	43	0	44	0	57	0	54	0	0	0	0	0	310	0	341	272	300	0	336	253	302	0	334	282	302	0	334	282	0	0	0	0	0	0
1500	51	0	53	0	63	0	57	0	0	0	0	0	264	0	347	198	254	0	309	192	253	0	288	224	253	0	288	224	0	0	0	0	0	0
1600	27	0	29	0	34	0	35	0	0	0	0	0	289	0	358	187	280	3	359	180	277	0	321	220	277	0	321	220	0	0	0	0	0	0
1700	26	0	29	0	35	0	32	0	0	0	0	0	212	0	262	168	205	0	239	165	215	0	258	173	215	0	258	173	0	0	0	0	0	0
1800	22	0	29	0	40	0	41	0	0	0	0	0	160	0	207	98	154	3	199	96	160	0	177	134	160	0	177	134	0	0	0	0	0	0
1900	30	0	34	0	58	0	54	0	0	0	0	0	194	0	266	122	188	0	236	144	179	0	210	152	179	0	210	152	0	0	0	0	0	0
2000	37	0	44	0	59	0	60	0	0	0	0	0	146	0	182	109	141	0	175	101	138	0	158	111	138	0	158	111	0	0	0	0	0	0
2100	33	0	42	0	54	0	55	0	0	0	0	0	138	0	160	110	133	0	158	105	127	0	141	107	127	0	141	107	0	0	0	0	0	0
2200	47	0	50	0	65	0	64	0	0	0	0	0	117	0	149	89	110	0	131	63	103	0	125	80	103	0	125	80	0	0	0	0	0	0
2300	60	0	70	0	86	0	88	0	0	0	0	0	133	0	168	97	127	0	197	98	127	0	167	106	127	0	167	106	0	0	0	0	0	0
2400	79	0	90	0	109	0	111	0	0	0	0	0	133	0	167	113	130	0	160	106	130	0	145	107	130	0	145	107	0	0	0	0	0	0

	AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30	A	S	30	B	S	180A	B	180B	S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S				
----	-----	---	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
100	329	0		324	0		315	0	322	0	320	2	320	2	-11	0	-5	0	0	0	0	0	146	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
200	322	0		322	0		310	0	312	0	320	2	320	2	-11	0	-5	0	0	0	0	0	144	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
300	312	0		306	0		299	0	301	0	320	2	320	2	-11	0	-5	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
400	303	0		299	0		290	0	292	0	320	2	320	2	-13	0	-7	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
500	299	0		294	0		287	0	288	0	320	2	320	2	-13	0	-7	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
600	305	0		299	0		292	0	294	0	320	2	320	2	-11	0	-5	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
700	301	0		296	0		288	0	292	0	320	2	320	2	-11	0	-5	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
800	301	0		297	0		290	0	292	0	320	2	320	2	-11	0	-5	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
900	308	0		301	0		297	0	299	0	320	2	320	2	-11	0	-5	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1000	306	0		303	0		294	0	297	0	320	2	320	2	-11	0	-5	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1100	314	0		305	0		301	0	303	0	320	2	320	2	-13	0	-9	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1200	315	0		312	0		301	0	303	0	320	2	320	2	-14	0	-9	0	0	0	0	0	144	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1300	333	0		308	1		333	0	334	1	320	2	320	2	-13	0	-9	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1400	325	0		312	0		312	0	312	0	320	2	320	2	-14	0	-9	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1500	327	0		312	0		320	0	320	0	320	2	320	2	-11	0	-7	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1600	317	0		312	0		305	0	308	0	320	2	320	2	-11	0	-5	0	0	0	0	0	144	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1700	315	0		312	0		305	0	306	0	320	2	320	2	-9	0	-4	0	0	0	0	0	143	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1800	308	0		305	0		297	0	299	0	320	2	320	2	-11	0	-5	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
1900	305	0		299	0		294	0	296	0	320	2	320	2	-11	0	-4	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2000	306	0		301	0		296	0	299	0	320	2	320	2	-9	0	-2	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2100	306	0		301	0		296	0	297	0	320	2	320	2	-9	0	-4	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2200	306	0		303	0		297	0	299	0	320	2	320	2	-9	0	-4	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2300	310	0		305	0		297	0	301	0	320	2	320	2	-11	0	-5	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	102	0
2400	305	0		301	0		294	0	296	0	320	2	320	2	-11	0	-5	0	0	0	0	0	139	0	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX 150B S	WIND DIR3	MIN 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	83 0	95 0	115 0	115 0	0 0	0 0	135 0	162	109	131 0	157	111	127 0	146	111	127 0	146	111	0 0	0 0	0 0	0 0	0 0
200	77 0	79 0	96 0	92 0	0 0	0 0	119 0	153	87	113 0	139	75	109 0	128	79	109 0	128	79	0 0	0 0	0 0	0 0	0 0
300	92 0	92 0	112 0	109 0	0 0	0 0	119 0	133	94	116 0	141	79	111 0	128	97	111 0	128	97	0 0	0 0	0 0	0 0	0 0
400	71 0	70 0	93 0	91 0	0 0	0 0	115 0	137	80	110 0	135	74	104 0	122	87	104 0	122	87	0 0	0 0	0 0	0 0	0 0
500	91 0	90 0	112 0	106 0	0 0	0 0	113 0	131	91	109 0	134	90	102 0	112	89	102 0	112	89	0 0	0 0	0 0	0 0	0 0
600	117 0	116 0	140 0	135 0	0 0	0 0	122 0	141	96	116 0	137	90	109 0	121	83	109 0	121	83	0 0	0 0	0 0	0 0	0 0
700	116 0	115 0	138 0	136 0	0 0	0 0	127 0	139	110	123 0	135	108	119 0	127	110	119 0	127	110	0 0	0 0	0 0	0 0	0 0
800	91 0	100 0	118 0	122 0	0 0	0 0	134 0	151	121	130 0	146	112	129 0	138	117	129 0	138	117	0 0	0 0	0 0	0 0	0 0
900	57 0	57 0	105 0	100 0	0 0	0 0	142 0	167	116	139 0	165	118	143 0	175	129	143 0	175	129	0 0	0 0	0 0	0 0	0 0
1000	45 0	45 0	94 0	80 0	0 0	0 0	209 0	262	145	201 0	248	126	202 0	234	179	202 0	234	179	0 0	0 0	0 0	0 0	0 0
1100	77 0	77 0	113 0	100 0	0 0	0 0	261 0	291	221	253 0	287	224	247 0	259	239	247 0	259	239	0 0	0 0	0 0	0 0	0 0
1200	100 0	102 0	123 0	125 0	0 0	0 0	305 0	328	281	293 0	325	265	289 0	320	279	289 0	320	279	0 0	0 0	0 0	0 0	0 0
1300	96 0	101 0	126 0	121 0	0 0	0 0	317 0	337	284	306 0	337	271	306 0	318	297	306 0	318	297	0 0	0 0	0 0	0 0	0 0
1400	104 0	102 0	141 0	140 0	0 0	0 0	341 0	19	294	331 0	14	289	328 0	344	304	328 0	344	304	0 0	0 0	0 0	0 0	0 0
1500	60 0	64 0	103 0	96 0	0 0	0 0	21 0	81	311	15 0	86	308	354 0	40	319	354 0	40	319	0 0	0 0	0 0	0 0	0 0
1600	65 0	69 0	103 0	98 0	0 0	0 0	30 0	77	341	19 0	76	327	3 0	32	312	3 0	32	312	0 0	0 0	0 0	0 0	0 0
1700	87 0	90 0	116 0	110 0	0 0	0 0	41 0	76	21	33 0	70	3	21 0	45	356	21 0	45	356	0 0	0 0	0 0	0 0	0 0
1800	64 0	69 0	90 0	90 0	0 0	0 0	53 0	89	23	48 0	105	21	35 0	57	11	35 0	57	11	0 0	0 0	0 0	0 0	0 0
1900	66 0	78 0	89 0	96 0	0 0	0 0	61 0	85	28	55 0	86	21	45 0	67	18	45 0	67	18	0 0	0 0	0 0	0 0	0 0
2000	48 0	56 0	68 0	72 0	0 0	0 0	83 0	134	53	74 0	110	21	58 0	97	29	58 0	97	29	0 0	0 0	0 0	0 0	0 0
2100	116 0	128 0	141 0	153 0	0 0	0 0	74 0	102	39	68 0	96	35	58 0	75	35	58 0	75	35	0 0	0 0	0 0	0 0	0 0
2200	59 0	70 0	81 0	87 0	0 0	0 0	69 0	93	42	62 0	91	23	54 0	78	23	54 0	78	23	0 0	0 0	0 0	0 0	0 0
2300	52 0	55 0	82 0	78 0	0 0	0 0	115 0	134	96	111 0	144	93	91 0	101	73	91 0	101	73	0 0	0 0	0 0	0 0	0 0
2400	73 0	75 0	103 0	96 0	0 0	0 0	93 0	119	72	84 0	107	62	78 0	94	63	78 0	94	63	0 0	0 0	0 0	0 0	0 0

	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	S RAIN S
100	306 0	303 0	296 0	297 0	320 2	320 2	-13 0	-5 0	0 0	0 0	141 0	0 2	0 2	0 2	0 2	0 2	0 2	102 0
200	306 0	303 0	297 0	299 0	320 2	320 2	-9 0	-4 0	0 0	0 0	141 0	0 2	0 2	0 2	0 2	0 2	0 2	104 0
300	310 0	305 0	299 0	303 0	320 2	320 2	-9 0	-4 0	0 0	0 0	143 0	0 2	0 2	0 2	0 2	0 2	0 2	106 0
400	312 0	308 0	305 0	306 0	320 2	320 2	-9 0	-2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	107 0
500	314 0	310 0	305 0	306 0	320 2	320 2	-7 0	-2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	109 0
600	320 0	314 0	310 0	312 0	320 2	320 2	-7 0	-2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	110 0
700	325 0	322 0	314 0	315 0	320 2	320 2	-9 0	-4 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	110 0
800	331 0	325 0	322 0	324 0	320 2	320 2	-7 0	2 0	0 0	0 0	148 0	0 2	0 2	0 2	0 2	0 2	0 2	110 0
900	334 0	327 0	331 0	331 0	320 2	320 2	-4 0	2 0	0 0	0 0	152 0	0 2	0 2	0 2	0 2	0 2	0 2	110 0
1000	349 0	343 0	351 0	352 0	320 2	320 2	4 0	9 0	0 0	0 0	146 0	0 2	0 2	0 2	0 2	0 2	0 2	110 0
1100	367 0	361 0	358 0	360 0	320 2	320 2	-7 0	-2 0	0 0	0 0	433 2	0 2	0 2	0 2	0 2	0 2	0 2	110 0
1200	383 0	379 0	374 0	378 0	320 2	320 2	-7 0	-4 0	0 0	0 0	493 2	0 2	0 2	0 2	0 2	0 2	0 2	110 0
1300	378 0	372 0	367 0	369 0	320 2	320 2	-9 0	-5 0	0 0	0 0	504 2	0 2	0 2	0 2	0 2	0 2	0 2	110 0
1400	376 0	372 0	365 0	367 0	320 2	320 2	-9 0	-5 0	0 0	0 0	511 2	0 2	0 2	0 2	0 2	0 2	0 2	0 6
1500	376 0	372 0	367 0	370 0	320 2	320 2	-9 0	-4 0	0 0	0 0	516 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	369 0	367 0	360 0	361 0	320 2	320 2	-9 0	-4 0	0 0	0 0	514 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	370 0	367 0	361 0	363 0	320 2	320 2	-9 0	-4 0	0 0	0 0	504 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	365 0	361 0	356 0	360 0	320 2	320 2	-7 0	-2 0	0 0	0 0	507 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	360 0	354 0	351 0	352 0	320 2	320 2	-7 0	-2 0	0 0	0 0	523 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	349 0	343 0	340 0	342 0	320 2	320 2	-7 0	-4 0	0 0	0 0	509 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	338 0	334 0	329 0	331 0	320 2	320 2	-9 0	-4 0	0 0	0 0	495 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	334 0	329 0	325 0	327 0	320 2	320 2	-9 0	-4 0	0 0	0 0	146 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	324 0	322 0	315 0	317 0	320 2	320 2	-5 0	0 0	0 0	0 0	143 0	0 2	0 2	0 2	0 2	0 2	0 2	1 0
2400	317 0	312 0	308 0	312 0	320 2	320 2	-7 0	2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	1 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.

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6			
	50	A S	50	B S	150A	B	150B	S	S	50	A S	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S	50	B S	150A	S		
100	91	0	97	0	132	0	132	0	0 0	0 0	0 0	83	0	113	41	78	0	101	35	65	0	88	53	65	0	88	53	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	0 0	0 0	0 0	0 0		
200	86	0	94	0	122	0	122	0	0 0	0 0	0 0	80	0	110	53	74	0	103	43	64	0	83	42	64	0	83	42	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	0 0	0 0	0 0	0 0		
300	69	0	75	0	91	0	92	0	0 0	0 0	0 0	81	0	108	44	76	0	110	39	64	0	90	40	64	0	90	40	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	0 0	0 0	0 0	0 0	0 0	
400	83	0	84	0	118	0	110	0	0 0	0 0	0 0	86	0	140	59	82	0	108	41	68	0	79	54	68	0	79	54	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	0 0	0 0	0 0	0 0	0 0	
500	64	0	72	0	89	0	91	0	0 0	0 0	0 0	78	0	110	45	75	0	112	39	63	0	75	46	63	0	75	46	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	0 0	0 0	0 0	0 0	0 0	
600	65	0	74	0	88	0	95	0	0 0	0 0	0 0	71	0	101	41	65	0	108	24	57	0	90	33	57	0	90	33	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	0 0	0 0	0 0	0 0	0 0	
700	56	0	68	0	80	0	87	0	0 0	0 0	0 0	69	0	93	40	64	0	107	36	52	0	78	26	52	0	78	26	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	0 0	0 0	0 0	0 0	0 0	
800	63	0	74	0	94	0	99	0	0 0	0 0	0 0	74	0	112	47	68	0	93	40	59	0	75	40	59	0	75	40	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	0 0	0 0	0 0	0 0	0 0	
900	79	0	87	0	112	0	113	0	0 0	0 0	0 0	78	0	108	44	73	0	104	47	62	0	80	29	62	0	80	29	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	0 0	0 0	0 0	0 0	0 0	
1000	85	0	94	0	102	0	111	0	0 0	0 0	0 0	67	0	104	41	63	0	114	24	54	0	94	35	54	0	94	35	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	0 0	0 0	0 0	0 0	0 0	0 0
1100	86	0	97	0	102	0	111	0	0 0	0 0	0 0	75	0	112	47	70	0	142	8	57	0	80	21	57	0	80	21	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	0 0	0 0	0 0	0 0	0 0	0 0
1200	79	0	91	0	100	0	101	0	0 0	0 0	0 0	75	0	105	36	74	0	126	41	59	0	78	29	59	0	78	29	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	0 0	0 0	0 0	0 0	0 0	
1300	59	0	65	0	82	0	89	0	0 0	0 0	0 0	72	0	118	37	68	0	122	14	59	0	101	34	59	0	101	34	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	0 0	0 0	0 0	0 0	0 0	
1400	61	0	61	0	85	0	80	0	0 0	0 0	0 0	43	0	80	9	37	0	89	3	25	0	55	3	25	0	55	3	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	0 0	0 0	0 0	0 0	0 0	
1500	80	0	85	0	98	0	92	0	0 0	0 0	0 0	43	0	75	9	34	0	63	351	31	0	60	6	31	0	60	6	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	0 0	0 0	0 0	0 0	0 0	
1600	83	0	90	0	96	0	96	0	0 0	0 0	0 0	56	0	83	17	49	0	85	4	39	0	60	15	39	0	60	15	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	0 0	0 0	0 0	0 0	0 0	
1700	90	0	93	0	119	0	108	0	0 0	0 0	0 0	41	0	77	10	31	0	62	5	18	0	51	355	18	0	51	355	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	0 0	0 0	0 0	0 0	0 0	
1800	82	0	87	0	111	0	104	0	0 0	0 0	0 0	50	0	76	29	42	0	68	20	30	0	69	1	30	0	69	1	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	0 0	0 0	0 0	0 0	0 0	
1900	64	0	74	0	92	0	92	0	0 0	0 0	0 0	61	0	85	36	54	0	86	25	40	0	68	19	40	0	68	19	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	0 0	0 0	0 0	0 0	0 0	
2000	62	0	69	0	81	0	78	0	0 0	0 0	0 0	53	0	77	29	48	0	76	18	35	0	54	9	35	0	54	9	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	0 0	0 0	0 0	0 0	0 0	
2100	34	0	40	0	53	0	57	0	0 0	0 0	0 0	81	0	114	58	75	0	95	52	48	0	69	35	48	0	69	35	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	0 0	0 0	0 0	0 0	0 0	
2200	55	0	55	0	84	0	79	0	0 0	0 0	0 0	37	0	100	300	33	0	147	285	0	0	78	303	0	0	78	303	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	0 0	0 0	0 0	0 0	0 0	
2300	146	0	156	0	212	0	210	0	0 0	0 0	0 0	344	0	39	292	328	0	10	275	324	0	348	290	324	0	348	290	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	0 0	0 0	0 0	0 0	0 0	
2400	164	0	170	0	215	0	198	0	0 0	0 0	0 0	321	0	1	290	308	0	336	286	305	0	320	297	305	0	320	297	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	0 0	0 0	0 0	0 0	0 0	

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	317 0	312 0	308 0	310 0	320 2	320 2	-7 0	2 0	0 0	0 0	143 0	0 2	0 2	0 2	0 2	0 2	4 0
200	320 0	315 0	310 0	312 0	320 2	320 2	-7 0	-2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	7 0
300	320 0	315 0	310 0	314 0	320 2	320 2	-7 0	-2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	9 0
400	320 0	314 0	310 0	312 0	320 2	320 2	-7 0	-2 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	11 0
500	317 0	312 0	308 0	310 0	320 2	320 2	-7 0	-4 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	11 0
600	317 0	312 0	308 0	310 0	320 2	320 2	-9 0	-4 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	11 0
700	317 0	310 0	306 0	308 0	320 2	320 2	-9 0	-4 0	0 0	0 0	143 0	0 2	0 2	0 2	0 2	0 2	11 0
800	315 0	312 0	306 0	308 0	320 2	320 2	-9 0	-4 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	11 0
900	317 0	312 0	306 0	310 0	320 2	320 2	-9 0	-4 0	0 0	0 0	441 2	0 2	0 2	0 2	0 2	0 2	11 0
1000	320 0	314 0	308 0	312 0	320 2	320 2	-9 0	-4 0	0 0	0 0	493 2	0 2	0 2	0 2	0 2	0 2	11 0
1100	320 0	314 0	308 0	312 0	320 2	320 2	-9 0	-4 0	0 0	0 0	135 0	0 2	0 2	0 2	0 2	0 2	11 0
1200	322 0	310 0	308 0	308 0	320 2	320 2	-11 0	-4 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	13 0
1300	322 0	312 0	306 0	310 0	320 2	320 2	-11 0	-4 0	0 0	0 0	469 2	0 2	0 2	0 2	0 2	0 2	13 0
1400	320 0	315 0	310 0	314 0	320 2	320 2	-9 0	-2 0	0 0	0 0	489 2	0 2	0 2	0 2	0 2	0 2	0 6
1500	324 0	322 0	312 0	314 0	320 2	320 2	-11 0	-4 0	0 0	0 0	489 2	0 2	0 2	0 2	0 2	0 2	2 0
1600	322 0	317 0	310 0	314 0	320 2	320 2	-11 0	-4 0	0 0	0 0	484 2	0 2	0 2	0 2	0 2	0 2	2 0
1700	322 0	317 0	310 0	312 0	320 2	320 2	-11 0	-4 0	0 0	0 0	478 2	0 2	0 2	0 2	0 2	0 2	2 0
1800	327 0	322 0	315 0	322 0	320 2	320 2	-11 0	-4 0	0 0	0 0	491 2	0 2	0 2	0 2	0 2	0 2	3 0
1900	324 0	322 0	312 0	315 0	320 2	320 2	-11 0	-4 0	0 0	0 0	496 2	0 2	0 2	0 2	0 2	0 2	3 0
2000	320 0	315 0	310 0	312 0	320 2	320 2	-9 0	-4 0	0 0	0 0	493 2	0 2	0 2	0 2	0 2	0 2	3 0
2100	320 0	314 0	312 0	314 0	320 2	320 2	-7 0	0 0	0 0	0 0	493 2	0 2	0 2	0 2	0 2	0 2	3 0
2200	325 0	322 0	322 0	325 0	320 2	320 2	-4 0	4 0	0 0	0 0	498 2	0 2	0 2	0 2	0 2	0 2	3 0
2300	336 0	331 0	327 0	329 0	320 2	320 2	-11 0	-4 0	0 0	0 0	480 2	0 2	0 2	0 2	0 2	0 2	3 0
2400	331 0	329 0	324 0	327 0	320 2	320 2	-9 0	2 0	0 0	0 0	475 2	0 2	0 2	0 2	0 2	0 2	3 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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A	MAX S	WIND DIR3	MIN 150B	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	111 0	116 0	143 0	134 0	0 0	0 0	321 0	347	292	307 0	333	271	306 0	332	291	306 0	332	291	0 0	0	0	0	0	0
200	118 0	128 0	163 0	151 0	0 0	0 0	319 0	355	283	307 0	338	275	308 0	317	296	308 0	317	296	0 0	0	0	0	0	0
300	141 0	156 0	179 0	173 0	0 0	0 0	312 0	347	279	298 0	326	259	297 0	311	289	297 0	311	289	0 0	0	0	0	0	0
400	148 0	145 0	186 0	179 0	0 0	0 0	311 0	352	287	299 0	323	254	297 0	311	281	297 0	311	281	0 0	0	0	0	0	0
500	142 0	144 0	187 0	187 0	0 0	0 0	306 0	358	278	294 0	327	265	293 0	304	269	293 0	304	269	0 0	0	0	0	0	0
600	135 0	138 0	157 0	163 0	0 0	0 0	300 0	336	261	290 0	321	253	284 0	299	254	284 0	299	254	0 0	0	0	0	0	0
700	101 0	105 0	130 0	130 0	0 0	0 0	289 0	326	258	278 0	321	238	276 0	332	243	276 0	332	243	0 0	0	0	0	0	0
800	164 0	174 0	182 0	189 0	0 0	0 0	276 0	309	239	263 0	295	214	259 0	281	242	259 0	281	242	0 0	0	0	0	0	0
900	149 0	156 0	178 0	181 0	0 0	0 0	275 0	312	239	264 0	292	237	256 0	289	233	256 0	289	233	0 0	0	0	0	0	0
1000	161 0	169 0	179 0	186 0	0 0	0 0	276 0	305	240	265 0	290	236	257 0	276	234	257 0	276	234	0 0	0	0	0	0	0
1100	153 0	160 0	174 0	181 0	0 0	0 0	273 0	308	246	263 0	290	236	259 0	272	243	259 0	272	243	0 0	0	0	0	0	0
1200	155 0	169 0	185 0	191 0	0 0	0 0	274 0	300	245	264 0	284	238	260 0	275	246	260 0	275	246	0 0	0	0	0	0	0
1300	161 0	168 0	191 0	192 0	0 0	0 0	271 0	295	241	261 0	284	208	255 0	270	229	255 0	270	229	0 0	0	0	0	0	0
1400	143 0	143 0	176 0	176 0	0 0	0 0	270 0	297	229	262 0	330	233	257 0	289	233	257 0	289	233	0 0	0	0	0	0	0
1500	128 0	131 0	160 0	154 0	0 0	0 0	270 0	310	228	260 0	294	223	251 0	275	219	251 0	275	219	0 0	0	0	0	0	0
1600	150 0	155 0	176 0	175 0	0 0	0 0	273 0	300	238	260 0	285	231	254 0	269	237	254 0	269	237	0 0	0	0	0	0	0
1700	133 0	142 0	174 0	172 0	0 0	0 0	275 0	345	239	263 0	289	227	253 0	272	232	253 0	272	232	0 0	0	0	0	0	0
1800	128 0	123 0	174 0	161 0	0 0	0 0	266 0	304	233	256 0	300	217	246 0	265	231	246 0	265	231	0 0	0	0	0	0	0
1900	116 0	107 0	165 0	148 0	0 0	0 0	260 0	301	208	250 0	293	223	242 0	265	224	242 0	265	224	0 0	0	0	0	0	0
2000	157 0	157 0	194 0	193 0	0 0	0 0	271 0	302	218	262 0	301	216	255 0	277	220	255 0	277	220	0 0	0	0	0	0	0
2100	178 0	186 0	201 0	210 0	0 0	0 0	275 0	303	226	265 0	304	229	259 0	288	226	259 0	288	226	0 0	0	0	0	0	0
2200	187 0	192 0	204 0	207 0	0 0	0 0	277 0	330	248	264 0	305	226	262 0	292	236	262 0	292	236	0 0	0	0	0	0	0
2300	160 0	169 0	184 0	189 0	0 0	0 0	298 0	331	254	285 0	329	238	278 0	311	238	278 0	311	238	0 0	0	0	0	0	0
2400	168 0	175 0	197 0	203 0	0 0	0 0	298 0	325	245	287 0	310	247	283 0	310	253	283 0	310	253	0 0	0	0	0	0	0

	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	325 0	322 0	315 0	320 0	320 2	320 2	-9 0	-2 0	0 0	0 0	486 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
200	320 0	315 0	310 0	312 0	320 2	320 2	-11 0	-4 0	0 0	0 0	487 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
300	308 0	305 0	296 0	297 0	320 2	320 2	-13 0	-7 0	0 0	0 0	370 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
400	292 0	299 0	279 0	281 0	320 2	320 2	-14 0	-7 0	0 0	0 0	144 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
500	279 0	276 0	265 0	269 0	320 2	320 2	-14 0	-7 0	0 0	0 0	468 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
600	267 0	263 0	252 0	256 0	320 2	320 2	-13 0	-7 0	0 0	0 0	460 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
700	265 0	256 0	252 0	254 0	320 2	320 2	-13 0	-7 0	0 0	0 0	466 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
800	258 0	254 0	243 0	245 0	320 2	320 2	-14 0	-7 0	0 0	0 0	455 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
900	254 0	251 0	240 0	243 0	320 2	320 2	-14 0	-7 0	0 0	0 0	455 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1000	249 0	245 0	234 0	238 0	320 2	320 2	-14 0	-9 0	0 0	0 0	453 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1100	252 0	249 0	236 0	238 0	320 2	320 2	-16 0	-11 0	0 0	0 0	462 2	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1200	243 0	236 0	227 0	231 0	320 2	320 2	-16 0	-9 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1300	242 0	235 0	222 0	225 0	320 2	320 2	-18 0	-13 0	0 0	0 0	157 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1400	240 0	234 0	225 0	225 0	320 2	320 2	-16 0	-11 0	0 0	0 0	123 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1500	242 0	235 0	225 0	227 0	320 2	320 2	-16 0	-11 0	0 0	0 0	123 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1600	240 0	235 0	225 0	227 0	320 2	320 2	-16 0	-11 0	0 0	0 0	119 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1700	242 0	238 0	231 0	233 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1800	240 0	235 0	231 0	233 0	320 2	320 2	-11 0	-4 0	0 0	0 0	116 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
1900	238 0	234 0	231 0	233 0	320 2	320 2	-9 0	-4 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2000	240 0	235 0	229 0	231 0	320 2	320 2	-13 0	-5 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2100	234 0	231 0	224 0	225 0	320 2	320 2	-13 0	-5 0	0 0	0 0	116 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2200	234 0	231 0	220 0	224 0	320 2	320 2	-14 0	-7 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2300	222 0	218 0	209 0	211 0	320 2	320 2	-13 0	-7 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	3 0
2400	213 0	207 0	197 0	200 0	320 2	320 2	-14 0	-7 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	3 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

WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	147 0	149 0	183 0	184 0	0 0	307 0 336 267	296 0 329 252	292 0 316 279	292 0 316 279	0 0	0 0
200	117 0	116 0	149 0	146 0	0 0	311 0 348 258	300 0 338 270	299 0 329 281	299 0 329 281	0 0	0 0
300	108 0	117 0	148 0	140 0	0 0	319 0 5 285	307 0 353 266	309 0 358 268	309 0 358 268	0 0	0 0
400	106 0	113 0	144 0	143 0	0 0	344 0 51 296	331 0 31 292	329 0 11 289	329 0 11 289	0 0	0 0
500	97 0	103 0	143 0	144 0	0 0	337 0 25 282	326 0 22 282	324 0 18 282	324 0 18 282	0 0	0 0
600	85 0	90 0	120 0	114 0	0 0	32 0 72 337	23 0 63 333	0 0 43 308	0 0 43 308	0 0	0 0
700	76 0	83 0	110 0	106 0	0 0	37 0 85 319	28 0 76 330	0 0 63 320	0 0 63 320	0 0	0 0
800	107 0	114 0	162 0	156 0	0 0	20 0 86 292	14 0 102 277	352 0 33 308	352 0 33 308	0 0	0 0
900	94 0	104 0	143 0	134 0	0 0	40 0 130 302	31 0 114 303	22 0 101 273	22 0 101 273	0 0	0 0
1000	93 0	94 0	114 0	108 0	0 0	103 0 123 79	101 0 105 73	84 0 102 63	84 0 102 63	0 0	0 0
1100	67 0	72 0	86 0	81 0	0 0	97 0 117 67	91 0 126 54	83 0 103 58	83 0 103 58	0 0	0 0
1200	42 0	46 0	55 0	51 0	0 0	94 0 128 63	87 0 121 48	82 0 103 57	82 0 103 57	0 0	0 0
1300	18 0	25 0	23 0	25 0	0 0	87 0 164 47	83 3 172 50	65 3 111 35	65 3 111 35	0 0	0 0
1400	146 0	140 0	202 0	200 0	0 0	351 0 98 280	343 0 102 300	333 0 6 314	333 0 6 314	0 0	0 0
1500	172 0	191 0	252 0	246 0	0 0	332 0 19 296	322 0 12 271	318 0 337 302	318 0 337 302	0 0	0 0
1600	142 0	143 0	207 0	206 0	0 0	327 0 20 280	315 0 18 271	316 0 349 276	316 0 349 276	0 0	0 0
1700	153 0	167 0	221 0	220 0	0 0	333 0 8 279	321 0 14 271	318 0 350 287	318 0 350 287	0 0	0 0
1800	166 0	172 0	218 0	214 0	0 0	315 0 344 267	302 0 343 266	304 0 338 281	304 0 338 281	0 0	0 0
1900	171 0	170 0	224 0	217 0	0 0	317 0 349 272	307 0 42 276	304 0 336 283	304 0 336 283	0 0	0 0
2000	171 0	172 0	227 0	223 0	0 0	312 0 343 272	302 0 30 275	300 0 325 290	300 0 325 290	0 0	0 0
2100	192 0	192 0	256 0	245 0	0 0	316 0 352 279	304 0 330 271	302 0 322 283	302 0 322 283	0 0	0 0
2200	186 0	198 0	249 0	241 0	0 0	314 0 346 279	304 0 334 268	301 0 318 284	301 0 318 284	0 0	0 0
2300	194 0	194 0	257 0	250 0	0 0	312 0 352 288	299 0 332 264	299 0 322 266	299 0 322 266	0 0	0 0
2400	218 0	222 0	279 0	278 0	0 0	308 0 14 284	296 0 332 255	294 0 303 284	294 0 303 284	0 0	0 0

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
30	A	S	30	B	S	180A	S	180B	S	320	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320</

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 RARIATION .01 LANGLEY

	WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND			WIND		
	SPD1	SPD2	SPD3	SPD4	SPD5	SPD6	DIR1	MIN	MAX	DIR2	MIN	MAX	DIR3	MIN	MAX	DIR4	MIN	MAX	DIR5	MIN	MAX	DIR6	MIN	MAX	DIR7	MIN	MAX	DIR8	MIN	MAX	DIR9	MIN	MAX	DIR10	MIN	MAX						
	50 A S	50 B S	150A S	150B S				50 B S			150A S			150B S			S			S			S																			
100	208 0	212 0	258 0	261 0	0 0	0 0	307 0	340	253	296 0	318	262	291 0	307	260	291 0	307	260	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	0 0	0 0	0 0	0 0	0 0						
200	215 0	219 0	275 0	277 0	0 0	0 0	307 0	336	284	292 0	316	265	292 0	305	280	292 0	305	280	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	0 0	0 0	0 0	0 0	0 0						
300	227 0	221 0	280 0	266 0	0 0	0 0	306 0	337	258	295 0	317	265	289 0	310	268	289 0	310	268	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	0 0	0 0	0 0	0 0	0 0						
400	225 0	224 0	275 0	286 0	0 0	0 0	305 0	344	269	294 0	324	267	291 0	305	276	291 0	305	276	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	0 0	0 0	0 0	0 0	0 0						
500	218 0	214 0	253 0	257 0	0 0	0 0	301 0	335	256	289 0	325	237	286 0	312	242	286 0	312	242	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	0 0	0 0	0 0	0 0	0 0						
600	172 0	173 0	206 0	207 0	0 0	0 0	291 0	336	246	280 0	339	231	275 0	302	240	275 0	302	240	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	0 0	0 0	0 0	0 0	0 0						
700	161 0	167 0	197 0	199 0	0 0	0 0	293 0	337	241	282 0	331	243	278 0	310	234	278 0	310	234	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	0 0	0 0	0 0	0 0	0 0						
800	196 0	198 0	234 0	241 0	0 0	0 0	300 0	329	245	287 0	327	232	284 0	309	253	284 0	309	253	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	0 0	0 0	0 0	0 0	0 0						
900	201 0	201 0	233 0	239 0	0 0	0 0	281 0	318	219	270 0	306	230	265 0	292	235	265 0	292	235	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	0 0	0 0	0 0	0 0	0 0						
1000	170 0	176 0	213 0	215 0	0 0	0 0	291 0	337	262	277 0	315	231	275 0	310	241	275 0	310	241	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	0 0	0 0	0 0	0 0	0 0						
1100	194 0	199 0	225 0	226 0	0 0	0 0	281 0	324	236	269 0	357	232	265 0	310	234	265 0	310	234	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	0 0	0 0	0 0	0 0	0 0						
1200	208 0	218 0	235 0	242 0	0 0	0 0	275 0	302	242	264 0	300	234	260 0	287	246	260 0	287	246	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	0 0	0 0	0 0	0 0	0 0						
1300	209 0	221 0	238 0	243 0	0 0	0 0	275 0	294	241	264 0	287	238	261 0	279	245	261 0	279	245	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	0 0	0 0	0 0	0 0	0 0						
1400	178 0	173 0	244 0	228 0	0 0	0 0	267 0	304	228	254 0	287	215	247 0	263	228	247 0	263	228	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	0 0	0 0	0 0	0 0	0 0						
1500	180 0	175 0	249 0	229 0	0 0	0 0	264 0	309	227	255 0	296	220	246 0	266	219	246 0	266	219	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	0 0	0 0	0 0	0 0	0 0						
1600	183 0	164 0	238 0	217 0	0 0	0 0	254 0	287	198	246 0	295	190	236 0	254	212	236 0	254	212	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	0 0	0 0	0 0	0 0	0 0						
1700	89 0	85 0	135 0	119 0	0 0	0 0	223 0	277	184	213 0	264	160	206 0	225	180	206 0	225	180	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	0 0	0 0	0 0	0 0	0 0						
1800	87 0	83 0	142 0	123 0	0 0	0 0	218 0	269	160	211 0	254	161	199 0	221	169	199 0	221	169	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	0 0	0 0	0 0	0 0	0 0						
1900	66 0	65 0	149 0	127 0	0 0	0 0	209 0	265	104	199 0	265	98	192 0	216	170	192 0	216	170	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	0 0	0 0	0 0	0 0	0 0						
2000	67 0	62 0	142 0	123 0	0 0	0 0	200 0	264	108	197 0	255	119	189 0	213	170	189 0	213	170	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	0 0	0 0	0 0	0 0	0 0						
2100	118 0	116 0	191 0	160 0	0 0	0 0	221 0	258	176	211 0	253	153	199 0	220	173	199 0	220	173	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	0 0	0 0	0 0	0 0	0 0						
2200	137 0	124 0	195 0	167 0	0 0	0 0	231 0	291	194	222 0	269	174	208 0	235	176	208 0	235	176	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	0 0	0 0	0 0	0 0	0 0						
2300	146 0	130 0	212 0	185 0	0 0	0 0	230 0	282	183	220 0	261	175	213 0	238	177	213 0	238	177	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	0 0	0 0	0 0	0 0	0 0						
2400	132 0	120 0	201 0	178 0	0 0	0 0	231 0	288	192	226 0	268	179	216 0	261	191	216 0	261	191	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	0 0	0 0	0 0	0 0	0 0						

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8			
30 A	8	30 B	8	180A	8	180B	8	320 A	8	320 B	8	180A	8	180B	8	320 A	8	320 B	8	320 A	8	320 B	8	320 A	8	320 B	8	320 A	8	320 B	8	320 A	8	320 B	8		
100	126	0		123	0	112	0	114	0	320	2	320	2	-14	0	-7	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
200	121	0		117	0	107	0	108	0	320	2	320	2	-14	0	-9	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
300	117	0		114	0	103	0	107	0	320	2	320	2	-14	0	-7	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
400	108	0		105	0	92	0	96	0	320	2	320	2	-16	0	-9	0	0	0	0	0	67	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
500	103	0		99	0	90	0	92	0	320	2	320	2	-14	0	-7	0	0	0	0	0	67	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
600	103	0		99	0	90	0	92	0	320	2	320	2	-13	0	-5	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
700	98	0		94	0	87	0	90	0	320	2	320	2	-13	0	-5	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
800	96	0		92	0	83	0	85	0	320	2	320	2	-14	0	-7	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
900	96	0		92	0	83	0	87	0	320	2	320	2	-14	0	-7	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1000	107	0		103	0	92	0	94	0	320	2	320	2	-14	0	-7	0	0	0	0	0	69	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1100	116	0		107	0	105	0	99	0	320	2	320	2	-13	0	-7	0	0	0	0	0	89	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1200	112	0		108	0	98	0	101	0	320	2	320	2	-14	0	-9	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1300	119	0		114	0	105	0	107	0	320	2	320	2	-14	0	-7	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1400	125	0		119	0	108	0	112	0	320	2	320	2	-14	0	-9	0	0	0	0	0	76	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1500	137	0		132	0	123	0	125	0	320	2	320	2	-14	0	-9	0	0	0	0	0	83	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1600	150	0		144	0	137	0	139	0	320	2	320	2	-14	0	-7	0	0	0	0	0	87	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1700	132	0		129	0	123	0	125	0	320	2	320	2	-9	0	-4	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1800	125	0		121	0	117	0	121	0	320	2	320	2	-7	0	0	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1900	110	0		107	0	108	0	112	0	320	2	320	2	2	0	5	0	0	0	0	0	67	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2000	107	0		103	0	103	0	105	0	320	2	320	2	-4	0	2	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2100	110	0		107	0	99	0	101	0	320	2	320	2	-13	0	-5	0	0	0	0	0	69	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2200	110	0		107	0	99	0	101	0	320	2	320	2	-11	0	-5	0	0	0	0	0	69	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2300	126	0		123	0	116	0	119	0	320	2	320	2	-11	0	-4	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2400	143	0		139	0	134	0	137	0	320	2	320	2	-9	0	-4	0	0	0	0	0	81	0	0	2	0	2	0	2	0	2	0	2	0	2	3	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

[illegible]

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8					
30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	180A	S	180B	S
100	166	0	161	0	153	0	155	0	320	2	320	2	-11	0	-5	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
200	186	0	182	0	175	0	179	0	320	2	320	2	-11	0	-5	0	0	0	0	0	98	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
300	206	0	202	0	195	0	197	0	320	2	320	2	-11	0	-5	0	0	0	0	0	107	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
400	211	0	207	0	200	0	204	0	320	2	320	2	-11	0	-4	0	0	0	0	0	107	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
500	229	0	225	0	218	0	220	0	320	2	320	2	-11	0	-5	0	0	0	0	0	114	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
600	258	0	254	0	245	0	247	0	320	2	320	2	-11	0	-5	0	0	0	0	0	125	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
700	279	0	276	0	267	0	270	0	320	2	320	2	-13	0	-5	0	0	0	0	0	134	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
800	287	0	281	0	274	0	278	0	320	2	320	2	-11	0	-5	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
900	287	0	281	0	276	0	278	0	320	2	320	2	-11	0	-5	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1000	292	0	288	0	279	0	281	0	320	2	320	2	-13	0	-5	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1100	290	0	287	0	278	0	279	0	320	2	320	2	-13	0	-7	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1200	281	0	276	0	261	0	265	0	320	2	320	2	-18	0	-13	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1300	272	0	269	0	254	0	258	0	320	2	320	2	-18	0	-11	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1400	272	0	270	0	252	0	256	0	320	2	320	2	-20	0	-14	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1500	269	0	265	0	251	0	254	0	320	2	320	2	-16	0	-11	0	0	0	0	0	132	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1600	272	0	269	0	254	0	256	0	320	2	320	2	-16	0	-11	0	0	0	0	0	132	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1700	272	0	269	0	260	0	263	0	320	2	320	2	-11	0	-5	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1800	274	0	270	0	263	0	267	0	320	2	320	2	-9	0	-4	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
1900	276	0	272	0	267	0	269	0	320	2	320	2	-11	0	-4	0	0	0	0	0	130	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
2000	276	0	272	0	265	0	267	0	320	2	320	2	-11	0	-4	0	0	0	0	0	130	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
2100	263	0	260	0	251	0	254	0	320	2	320	2	-13	0	-5	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
2200	251	0	245	0	238	0	242	0	320	2	320	2	-11	0	-5	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
2300	252	0	249	0	242	0	243	0	320	2	320	2	-11	0	-4	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0	
2400	251	0	245	0	238	0	242	0	320	2	320	2	-13	0	-5	0	0	0	0	0	121	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	30 A	S	30 B	S	150A	S	150B	S	30 A	S	30 A	S	DIR1		50	B S	DIR2		150A	S	DIR3		150B	S	DIR4		MIN	MAX	DIR5		MIN	MAX	DIR6	
100	154	0	156	0	178	0	180	0	0	0	0	0	279	0	340	243	268	0	310	231	264	0	312	238	264	0	312	238	0	0	0	0	0	0
200	146	0	153	0	166	0	170	0	0	0	0	0	277	0	320	221	266	0	304	230	264	0	304	234	264	0	304	234	0	0	0	0	0	0
300	164	0	171	0	183	0	188	0	0	0	0	0	274	0	289	243	262	0	286	233	258	0	280	236	258	0	280	236	0	0	0	0	0	0
400	113	0	107	0	156	0	147	0	0	0	0	0	263	0	309	225	254	0	296	207	245	0	269	219	245	0	269	219	0	0	0	0	0	0
500	46	0	44	0	88	0	76	0	0	0	0	0	204	0	266	110	199	0	262	106	193	0	210	169	193	0	210	169	0	0	0	0	0	0
600	42	0	46	0	106	0	92	0	0	0	0	0	200	0	268	112	187	0	263	113	186	0	233	161	186	0	233	161	0	0	0	0	0	0
700	60	0	65	0	115	0	106	0	0	0	0	0	189	0	260	120	178	0	232	115	181	0	211	143	181	0	211	143	0	0	0	0	0	0
800	42	0	41	0	81	0	72	0	0	0	0	0	210	0	268	114	204	0	258	113	196	0	223	169	196	0	223	169	0	0	0	0	0	0
900	68	0	62	0	115	0	107	0	0	0	0	0	227	0	261	187	220	0	289	184	214	0	229	198	214	0	229	198	0	0	0	0	0	0
1000	181	0	189	0	223	0	223	0	0	0	0	0	289	0	325	247	278	0	330	236	273	0	309	235	273	0	309	235	0	0	0	0	0	0
1100	213	0	208	0	265	0	259	0	0	0	0	0	313	0	340	274	300	0	323	264	298	0	307	290	298	0	307	290	0	0	0	0	0	0
1200	168	0	179	0	228	0	221	0	0	0	0	0	317	0	354	284	305	0	325	277	307	0	324	287	307	0	324	287	0	0	0	0	0	0
1300	162	0	166	0	243	0	242	0	0	0	0	0	327	0	1	283	315	0	359	275	314	0	336	292	314	0	336	292	0	0	0	0	0	0
1400	165	0	173	0	247	0	250	0	0	0	0	0	331	0	25	277	319	0	36	273	318	0	349	279	318	0	349	279	0	0	0	0	0	0
1500	225	0	224	0	290	0	275	0	0	0	0	0	315	0	351	272	304	0	340	271	303	0	318	290	303	0	318	290	0	0	0	0	0	0
1600	198	0	199	0	269	0	253	0	0	0	0	0	314	0	351	288	302	0	341	260	301	0	316	285	301	0	316	285	0	0	0	0	0	0
1700	210	0	215	0	274	0	264	0	0	0	0	0	318	0	343	281	308	0	44	273	303	0	320	288	303	0	320	288	0	0	0	0	0	0
1800	230	0	220	0	304	0	300	0	0	0	0	0	309	0	351	283	297	0	331	250	297	0	342	271	297	0	342	271	0	0	0	0	0	0
1900	246	0	255	0	310	0	313	0	0	0	0	0	308	0	332	262	295	0	326	258	291	0	306	258	291	0	306	258	0	0	0	0	0	0
2000	212	0	213	0	283	0	274	0	0	0	0	0	310	0	335	284	297	0	327	256	296	0	311	278	296	0	311	278	0	0	0	0	0	0
2100	209	0	216	0	269	0	260	0	0	0	0	0	310	0	340	282	298	0	328	268	296	0	313	283	296	0	313	283	0	0	0	0	0	0
2200	185	0	185	0	233	0	232	0	0	0	0	0	309	0	344	273	299	0	333	262	295	0	319	278	295	0	319	278	0	0	0	0	0	0
2300	172	0	179	0	200	0	206	0	0	0	0	0	300	0	328	249	288	0	314	234	287	0	317	257	287	0	317	257	0	0	0	0	0	0
2400	139	0	142	0	162	0	164	0	0	0	0	0	290	0	329	224	280	0	324	226	277	0	295	227	277	0	295	227	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
	30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		S		
100	247	0	243	0	234	0	238	0	320	2	320	2	-11	0	-5	0	0	0	0	0	119	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
200	242	0	236	0	229	0	233	0	320	2	320	2	-13	0	-5	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
300	238	0	234	0	225	0	227	0	320	2	320	2	-13	0	-7	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
400	231	0	225	0	218	0	220	0	320	2	320	2	-11	0	-5	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
500	182	0	179	0	168	0	170	0	320	2	320	2	-14	0	-7	0	0	0	0	0	98	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
600	171	0	168	0	159	0	162	0	320	2	320	2	-13	0	-5	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
700	177	0	175	0	166	0	170	0	320	2	320	2	-11	0	-5	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
800	191	0	188	0	182	0	184	0	320	2	320	2	-9	0	-2	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
900	222	0	215	0	218	0	218	0	320	2	320	2	-2	0	5	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1000	287	0	293	0	276	0	278	0	320	2	320	2	-13	0	-5	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1100	265	0	251	0	251	0	252	0	320	2	320	2	-14	0	-7	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1200	249	0	245	0	236	0	238	0	320	2	320	2	-13	0	-7	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1300	247	0	243	0	233	0	234	0	320	2	320	2	-14	0	-7	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1400	231	0	227	0	216	0	218	0	320	2	320	2	-14	0	-7	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1500	216	0	213	0	200	0	204	0	320	2	320	2	-16	0	-9	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1600	202	0	198	0	186	0	189	0	320	2	320	2	-16	0	-9	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1700	197	0	189	0	188	0	179	0	320	2	320	2	-14	0	-9	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1800	184	0	182	0	170	0	173	0	320	2	320	2	-16	0	-9	0	0	0	0	0	98	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
1900	180	0	177	0	164	0	168	0	320	2	320	2	-16	0	-9	0	0	0	0	0	96	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2000	175	0	171	0	161	0	164	0	320	2	320	2	-14	0	-7	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2100	170	0	165	0	155	0	157	0	320	2	320	2	-14	0	-7	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2200	164	0	159	0	150	0	152	0	320	2	320	2	-14	0	-7	0	0	0	0	0	89	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2300	162	0	159	0	148	0	150	0	320	2	320	2	-14	0	-7	0	0	0	0	0	89	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0
2400	157	0	152	0	144	0	146	0	320	2	320	2	-13	0	-5	0	0	0	0	0	87	0	0	2	0	2	0	2	0	2	0	2	0	2	0	2	3	0

[illegible][illegible]

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.

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	236 0	230 0	353 0	342 0	0 0	0 0	327 0 9 284	316 0 354 279	314 0 329 282	314 0 329 282	0 0	0 0
200	225 0	237 0	328 0	319 0	0 0	0 0	325 0 14 271	314 0 354 279	313 0 341 293	313 0 341 293	0 0	0 0
300	236 0	245 0	327 0	321 0	0 0	0 0	326 0 2 293	312 0 341 275	312 0 340 298	312 0 340 298	0 0	0 0
400	253 0	251 0	330 0	311 0	0 0	0 0	315 0 347 282	303 0 329 265	301 0 320 287	301 0 320 287	0 0	0 0
500	290 0	293 0	352 0	347 0	0 0	0 0	311 0 340 274	298 0 322 265	295 0 310 277	295 0 310 277	0 0	0 0
600	227 0	225 0	293 0	285 0	0 0	0 0	319 0 2 283	307 0 342 263	307 0 337 289	307 0 337 289	0 0	0 0
700	226 0	230 0	287 0	280 0	0 0	0 0	312 0 346 286	300 0 333 265	297 0 316 282	297 0 316 282	0 0	0 0
800	188 0	169 0	254 0	260 0	0 0	0 0	303 0 345 276	291 0 315 254	288 0 308 266	288 0 308 266	0 0	0 0
900	209 0	209 0	254 0	261 0	0 0	0 0	297 0 331 256	285 0 319 244	285 0 306 250	285 0 306 250	0 0	0 0
1000	188 0	191 0	226 0	236 0	0 0	0 0	293 0 344 257	282 0 318 251	275 0 307 237	275 0 307 237	0 0	0 0
1100	192 0	192 0	231 0	231 0	0 0	0 0	278 0 322 241	267 0 313 226	268 0 306 232	268 0 306 232	0 0	0 0
1200	228 0	235 0	256 0	259 0	0 0	0 0	278 0 312 240	266 0 348 225	264 0 310 231	264 0 310 231	0 0	0 0
1300	210 0	216 0	235 0	237 0	0 0	0 0	278 0 310 238	267 0 319 246	260 0 287 229	260 0 287 229	0 0	0 0
1400	199 0	206 0	219 0	221 0	0 0	0 0	275 0 319 250	267 0 330 241	261 0 281 249	261 0 281 249	0 0	0 0
1500	194 0	197 0	237 0	232 0	0 0	0 0	271 0 300 228	261 0 298 225	251 0 266 224	251 0 266 224	0 0	0 0
1600	164 2	161 2	228 2	218 2	0 0	0 0	266 2 311 224	258 2 341 221	250 2 281 229	250 2 281 229	0 0	0 0
1700	194 0	201 0	231 0	235 0	0 0	0 0	272 0 293 227	262 0 286 235	253 0 271 232	253 0 271 232	0 0	0 0
1800	173 0	152 0	239 0	219 0	0 0	0 0	258 0 294 229	248 0 304 201	241 0 265 224	241 0 265 224	0 0	0 0
1900	150 0	141 0	215 0	195 0	0 0	0 0	258 0 303 208	247 0 285 213	244 0 265 232	244 0 265 232	0 0	0 0
2000	162 0	167 0	219 0	216 0	0 0	0 0	271 0 315 216	260 0 298 229	251 0 267 233	251 0 267 233	0 0	0 0
2100	202 0	212 0	223 0	232 0	0 0	0 0	274 0 302 225	263 0 295 214	258 0 275 241	258 0 275 241	0 0	0 0
2200	190 0	194 0	215 0	217 0	0 0	0 0	274 0 319 223	263 0 291 206	261 0 283 228	261 0 283 228	0 0	0 0
2300	199 0	208 0	219 0	222 0	0 0	0 0	274 0 323 253	265 0 303 240	262 0 306 231	262 0 306 231	0 0	0 0
2400	213 0	223 0	241 0	246 0	0 0	0 0	275 0 300 248	264 0 290 233	260 0 277 246	260 0 277 246	0 0	0 0

	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	S RAIN S
100	98 0	94 0	85 0	87 0	320 2	320 2	-14 0	-7 0	0 0	0 0	63 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	99 0	95 0	85 0	87 0	320 2	320 2	-14 0	-9 0	0 0	0 0	63 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	90 0	87 0	76 0	78 0	320 2	320 2	-14 0	-7 0	0 0	0 0	60 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	94 0	90 0	80 0	83 0	320 2	320 2	-14 0	-7 0	0 0	0 0	62 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	85 0	81 0	67 0	71 0	320 2	320 2	-18 0	-11 0	0 0	0 0	60 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	74 0	71 0	60 0	62 0	320 2	320 2	-14 0	-7 0	0 0	0 0	54 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	72 0	69 0	56 0	58 0	320 2	320 2	-16 0	-9 0	0 0	0 0	58 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	72 0	69 0	56 0	60 0	320 2	320 2	-14 0	-7 0	0 0	0 0	53 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	78 0	74 0	63 0	63 0	320 2	320 2	-14 0	-9 0	0 0	0 0	56 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	83 0	80 0	69 0	72 0	320 2	320 2	-14 0	-7 0	0 0	0 0	60 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	87 0	83 0	74 0	76 0	320 2	320 2	-14 0	-7 0	0 0	0 0	62 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	97 0	94 0	87 0	87 0	320 2	320 2	-14 0	-9 0	0 0	0 0	69 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	117 0	112 0	107 0	101 0	320 2	320 2	-14 0	-7 0	0 0	0 0	80 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	125 0	117 0	116 0	108 0	320 2	320 2	-14 0	-7 0	0 0	0 0	80 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	128 0	125 0	116 0	116 0	320 2	320 2	-14 0	-9 0	0 0	0 0	76 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	143 2	139 2	130 2	134 2	320 2	320 2	-13 2	-7 2	0 0	0 0	85 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	161 0	157 0	148 0	150 0	320 2	320 2	-13 0	-7 0	0 0	0 0	89 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	153 0	150 0	141 0	143 0	320 2	320 2	-13 0	-7 0	0 0	0 0	87 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	148 0	144 0	137 0	137 0	320 2	320 2	-13 0	-7 0	0 0	0 0	83 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	150 0	146 0	137 0	139 0	320 2	320 2	-14 0	-7 0	0 0	0 0	85 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	152 0	148 0	137 0	139 0	320 2	320 2	-14 0	-7 0	0 0	0 0	85 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	152 0	148 0	137 0	139 0	320 2	320 2	-14 0	-7 0	0 0	0 0	85 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	153 0	150 0	141 0	143 0	320 2	320 2	-13 0	-7 0	0 0	0 0	85 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	161 0	157 0	146 0	150 0	320 2	320 2	-14 0	-7 0	0 0	0 0	87 0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN		MAX		WIND DIR2		MIN		MAX		WIND DIR3		MIN		MAX		WIND DIR4		MIN		MAX		WIND DIR5		MIN		MAX		WIND DIR6					
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S				50	B S	S				150A	S				150B	S				S				S				S				S				
100	176	0	181	0	224	0	227	0	0 0	0 0	271	0	318	227	260	0	311	221	252	0	267	229	252	0	267	229	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0		
200	201	0	211	0	230	0	240	0	0 0	0 0	273	0	299	236	261	0	294	235	256	0	272	242	256	0	272	242	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0		
300	185	0	195	0	206	0	216	0	0 0	0 0	274	0	331	244	262	0	284	214	259	0	287	241	259	0	287	241	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0		
400	162	0	169	0	185	0	184	0	0 0	0 0	277	0	328	239	267	0	316	234	266	0	308	239	266	0	308	239	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
500	171	0	176	0	186	0	190	0	0 0	0 0	276	0	316	232	265	0	298	233	262	0	288	235	262	0	288	235	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
600	134	0	134	0	158	0	157	0	0 0	0 0	288	0	340	238	276	0	333	228	270	0	303	240	270	0	303	240	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
700	130	0	134	0	148	0	149	0	0 0	0 0	285	0	323	249	274	0	342	228	269	0	300	233	269	0	300	233	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
800	58	0	52	0	70	0	60	0	0 0	0 0	253	0	356	203	241	0	305	209	226	0	268	95	226	0	268	95	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
900	43	0	45	0	104	0	89	0	0 0	0 0	197	0	255	141	195	0	263	123	208	0	229	183	208	0	229	183	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1000	74	0	70	0	120	0	105	0	0 0	0 0	232	0	281	193	222	0	264	162	220	0	245	194	220	0	245	194	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1100	83	0	74	0	115	0	100	0	0 0	0 0	232	0	283	203	224	0	267	186	213	0	234	185	213	0	234	185	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1200	62	0	58	0	89	0	77	0	0 0	0 0	225	0	262	166	213	0	253	152	204	0	240	166	204	0	240	166	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1300	99	0	68	0	125	0	106	0	0 0	0 0	251	0	304	193	243	0	306	195	225	0	252	198	225	0	252	198	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1400	84	0	79	0	121	0	107	0	0 0	0 0	254	0	320	208	246	0	335	182	233	0	264	198	233	0	264	198	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1500	69	0	64	0	87	0	76	0	0 0	0 0	251	0	289	201	245	0	278	205	227	0	256	188	227	0	256	188	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1600	44	0	53	0	74	0	73	0	0 0	0 0	156	0	230	103	152	0	192	112	162	0	187	142	162	0	187	142	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1700	52	0	58	0	108	0	108	0	0 0	0 0	157	0	204	109	155	0	206	127	160	0	177	148	160	0	177	148	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1800	72	0	73	0	138	0	141	0	0 0	0 0	171	0	221	125	164	0	237	104	168	0	181	153	168	0	181	153	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1900	55	0	59	0	131	0	121	0	0 0	0 0	178	0	222	94	171	0	226	116	175	0	204	153	175	0	204	153	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2000	61	0	59	0	138	0	141	0	0 0	0 0	164	0	205	121	159	0	238	114	170	0	179	160	170	0	179	160	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2100	44	0	47	0	113	0	112	0	0 0	0 0	173	0	214	124	166	0	206	110	174	0	185	163	174	0	185	163	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2200	47	0	49	0	107	0	97	0	0 0	0 0	177	0	266	131	173	0	263	114	177	0	192	155	177	0	192	155	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2300	51	0	54	0	109	0	108	0	0 0	0 0	167	0	210	130	161	0	209	122	170	0	180	157	170	0	180	157	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
2400	31	0	33	0	87	0	77	0	0 0	0 0	164	0	210	126	157	0	196	129	181	0	188	172	181	0	188	172	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

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	S RAIN S
100	157 0	153 0	144 0	146 0	320 2	320 2	-14 0	-7 0	0 0	0 0	87 0	0 2	0 2	0 2	0 2	0 2	0 0
200	162 0	159 0	148 0	152 0	320 2	320 2	-14 0	-7 0	0 0	0 0	89 0	0 2	0 2	0 2	0 2	0 2	0 0
300	162 0	159 0	148 0	152 0	320 2	320 2	-14 0	-7 0	0 0	0 0	89 0	0 2	0 2	0 2	0 2	0 2	0 0
400	161 0	157 0	148 0	150 0	320 2	320 2	-13 0	-5 0	0 0	0 0	89 0	0 2	0 2	0 2	0 2	0 2	0 0
500	162 0	157 0	150 0	152 0	320 2	320 2	-13 0	-5 0	0 0	0 0	89 0	0 2	0 2	0 2	0 2	0 2	0 0
600	159 0	153 0	146 0	150 0	320 2	320 2	-13 0	-5 0	0 0	0 0	87 0	0 2	0 2	0 2	0 2	0 2	0 0
700	166 0	162 0	153 0	155 0	320 2	320 2	-13 0	-5 0	0 0	0 0	90 0	0 2	0 2	0 2	0 2	0 2	0 0
800	150 0	148 0	135 0	137 0	320 2	320 2	-16 0	-11 0	0 0	0 0	94 0	0 2	0 2	0 2	0 2	0 2	0 0
900	44 0	35 0	53 0	47 0	320 2	320 2	7 0	13 0	0 0	0 0	51 0	0 2	0 2	0 2	0 2	0 2	0 0
1000	78 0	72 0	76 0	78 0	320 2	320 2	-2 0	5 0	0 0	0 0	58 0	0 2	0 2	0 2	0 2	0 2	0 0
1100	78 0	74 0	63 0	67 0	320 2	320 2	-13 0	-7 0	0 0	0 0	60 0	0 2	0 2	0 2	0 2	0 2	0 0
1200	94 0	90 0	74 0	76 0	320 2	320 2	-20 0	-14 0	0 0	0 0	71 0	0 2	0 2	0 2	0 2	0 2	0 0
1300	108 0	105 0	90 0	92 0	320 2	320 2	-18 0	-13 0	0 0	0 0	80 0	0 2	0 2	0 2	0 2	0 2	0 0
1400	137 0	130 0	132 0	121 0	320 2	320 2	-16 0	-9 0	0 0	0 0	94 0	0 2	0 2	0 2	0 2	0 2	0 0
1500	148 0	146 0	134 0	135 0	320 2	320 2	-16 0	-13 0	0 0	0 0	99 0	0 2	0 2	0 2	0 2	0 2	0 0
1600	130 0	128 0	114 0	116 0	320 2	320 2	-18 0	-13 0	0 0	0 0	83 0	0 2	0 2	0 2	0 2	0 2	0 0
1700	98 0	94 0	89 0	90 0	320 2	320 2	-9 0	-4 0	0 0	0 0	62 0	0 2	0 2	0 2	0 2	0 2	0 0
1800	87 0	74 0	92 0	76 0	320 2	320 2	2 0	4 0	0 0	0 0	56 0	0 2	0 2	0 2	0 2	0 2	0 0
1900	74 0	60 0	81 0	65 0	320 2	320 2	2 0	7 0	0 0	0 0	58 0	0 2	0 2	0 2	0 2	0 2	0 0
2000	65 0	54 0	81 0	72 0	320 2	320 2	13 0	18 0	0 0	0 0	51 0	0 2	0 2	0 2	0 2	0 2	0 0
2100	60 0	52 0	65 0	69 0	320 2	320 2	5 0	11 0	0 0	0 0	47 0	0 2	0 2	0 2	0 2	0 2	0 0
2200	65 0	60 0	63 0	62 0	320 2	320 2	-4 0	2 0	0 0	0 0	49 0	0 2	0 2	0 2	0 2	0 2	0 0
2300	60 0	56 0	62 0	65 0	320 2	320 2	2 0	7 0	0 0	0 0	49 0	0 2	0 2	0 2	0 2	0 2	0 0
2400	56 0	53 0	63 0	67 0	320 2	320 2	7 0	13 0	0 0	0 0	47 0	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50	MAX B S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	MAX S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6 S
100	45 0	46 0	77 0	76 0	0 0	0 0	127 0	142	110	122 0	143	98	146 0	159	131	146 0	159	131	0 0	0	0	0 0
200	58 0	60 0	86 0	82 0	0 0	0 0	130 0	145	120	125 0	141	112	134 0	144	122	134 0	144	122	0 0	0	0	0 0
300	47 0	50 0	87 0	86 0	0 0	0 0	129 0	141	120	126 0	143	115	143 0	150	130	143 0	150	130	0 0	0	0	0 0
400	48 0	50 0	57 0	56 0	0 0	0 0	125 0	138	114	122 0	139	106	135 0	145	126	135 0	145	126	0 0	0	0	0 0
500	32 0	36 0	46 0	45 0	0 0	0 0	131 0	148	117	128 0	139	117	130 0	134	126	130 0	134	126	0 0	0	0	0 0
600	41 0	45 0	64 0	65 0	0 0	0 0	130 0	143	120	127 0	150	112	128 0	133	126	128 0	133	126	0 0	0	0	0 0
700	24 0	28 0	29 0	30 0	0 0	0 0	143 0	154	128	141 0	153	123	139 0	147	134	139 0	147	134	0 0	0	0	0 0
800	48 0	50 0	32 0	32 0	0 0	0 0	151 0	164	141	147 0	152	138	121 0	125	105	121 0	125	105	0 0	0	0	0 0
900	50 0	54 0	41 0	41 0	0 0	0 0	157 0	176	147	152 0	168	142	112 0	120	105	112 0	120	105	0 0	0	0	0 0
1000	38 0	43 0	57 0	58 0	0 0	0 0	150 0	178	122	147 0	168	123	145 0	162	136	145 0	162	136	0 0	0	0	0 0
1100	20 0	26 0	33 0	33 0	0 0	0 0	161 0	236	108	150 3	206	105	167 0	199	128	167 0	199	128	0 0	0	0	0 0
1200	21 0	25 0	30 0	29 0	0 0	0 0	191 3	268	91	200 3	268	93	197 0	256	97	197 0	256	97	0 0	0	0	0 0
1300	137 0	145 0	197 0	189 0	0 0	0 0	318 0	7	276	310 0	349	281	310 0	335	290	310 0	335	290	0 0	0	0	0 0
1400	128 0	129 0	177 0	171 0	0 0	0 0	324 0	40	295	311 0	13	275	312 0	352	291	312 0	352	291	0 0	0	0	0 0
1500	109 0	113 0	156 0	151 0	0 0	0 0	321 0	6	283	307 0	343	274	310 0	331	289	310 0	331	289	0 0	0	0	0 0
1600	172 0	173 0	219 0	215 0	0 0	0 0	314 0	345	289	300 0	318	264	299 0	313	285	299 0	313	285	0 0	0	0	0 0
1700	159 0	165 0	208 0	206 0	0 0	0 0	324 0	11	290	311 0	347	279	311 0	333	292	311 0	333	292	0 0	0	0	0 0
1800	142 0	144 0	182 0	175 0	0 0	0 0	314 0	344	285	302 0	333	264	301 0	323	280	301 0	323	280	0 0	0	0	0 0
1900	155 0	154 0	197 0	176 0	0 0	0 0	309 0	328	291	297 0	317	266	294 0	308	285	294 0	308	285	0 0	0	0	0 0
2000	183 0	185 0	219 0	213 0	0 0	0 0	312 0	334	283	302 0	327	273	298 0	308	284	298 0	308	284	0 0	0	0	0 0
2100	181 0	174 0	229 0	228 0	0 0	0 0	308 0	333	280	300 0	33	270	295 0	321	284	295 0	321	284	0 0	0	0	0 0
2200	171 0	171 0	216 0	220 0	0 0	0 0	306 0	330	274	295 0	327	263	292 0	306	275	292 0	306	275	0 0	0	0	0 0
2300	159 0	155 0	206 0	210 0	0 0	0 0	307 0	337	283	297 0	327	268	292 0	311	271	292 0	311	271	0 0	0	0	0 0
2400	167 0	168 0	195 0	178 0	0 0	0 0	300 0	325	253	287 0	315	241	284 0	305	250	284 0	305	250	0 0	0	0	0 0

	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	S RAIN B
100	56 0	53 0	60 0	63 0	320 2	320 2	4 0	11 0	0 0	0 0	47 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	65 0	60 0	71 0	72 0	320 2	320 2	5 0	11 0	0 0	0 0	51 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	65 0	62 0	78 0	81 0	320 2	320 2	13 0	18 0	0 0	0 0	51 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	69 0	65 0	72 0	76 0	320 2	320 2	4 0	11 0	0 0	0 0	53 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	72 0	67 0	80 0	83 0	320 2	320 2	9 0	14 0	0 0	0 0	54 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	74 0	71 0	76 0	78 0	320 2	320 2	2 0	7 0	0 0	0 0	54 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	76 0	72 0	94 0	96 0	320 2	320 2	18 0	25 0	0 0	0 0	54 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	76 0	72 0	99 0	103 0	320 2	320 2	23 0	31 0	0 0	0 0	54 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	83 0	80 0	125 0	126 0	320 2	320 2	41 0	47 0	0 0	0 0	60 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	110 0	107 0	134 0	135 0	320 2	320 2	23 0	31 0	0 0	0 0	72 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	141 0	137 0	130 0	134 0	320 2	320 2	-11 0	-4 0	0 0	0 0	85 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	197 0	165 0	173 0	157 0	320 2	320 2	-25 0	-20 0	0 0	0 0	98 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	216 0	211 0	204 0	204 0	320 2	320 2	-14 0	-7 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	218 0	213 0	204 0	204 0	320 2	320 2	-14 0	-9 0	0 0	0 0	116 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	216 0	211 0	202 0	204 0	320 2	320 2	-14 0	-7 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	222 0	215 0	207 0	206 0	320 2	320 2	-14 0	-7 0	0 0	0 0	116 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	213 0	209 0	200 0	202 0	320 2	320 2	-13 0	-7 0	0 0	0 0	108 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	206 0	202 0	195 0	197 0	320 2	320 2	-11 0	-5 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	202 0	198 0	191 0	195 0	320 2	320 2	-11 0	-4 0	0 0	0 0	103 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	200 0	197 0	189 0	191 0	320 2	320 2	-13 0	-5 0	0 0	0 0	105 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	207 0	197 0	202 0	182 0	320 2	320 2	-13 0	-5 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	193 0	185 0	182 0	184 0	320 2	320 2	-13 0	-7 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	191 0	189 0	180 0	182 0	320 2	320 2	-13 0	-7 0	0 0	0 0	101 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	189 0	186 0	177 0	180 0	320 2	320 2	-13 0	-7 0	0 0	0 0	99 0	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	B	S	150A	S	150B	S		S	50	A	S		S	50	A	S		S	50	B	S		S	150A	S		S	150B	S		S	150B	S		S		S	150A	S		S		S				
100	161	0		167	0		188	0	196	0		0	0		0	0	301	0	355	262		289	0	336	259		281	0	306	240		281	0	306	240		0	0		0	0		0	0		0	0				
200	159	0		161	0		192	0	200	0		0	0		0	0	301	0	326	256		289	0	323	236		284	0	308	261		284	0	308	261		0	0		0	0		0	0		0	0				
300	156	0		161	0		186	0	195	0		0	0		0	0	301	0	335	257		290	0	335	252		286	0	300	253		286	0	300	253		0	0		0	0		0	0		0	0				
400	113	0		121	0		144	0	145	0		0	0		0	0	289	0	359	240		277	0	324	213		275	0	306	231		275	0	306	231		0	0		0	0		0	0		0	0				
500	145	0		147	0		184	0	189	0		0	0		0	0	294	0	331	250		284	0	350	243		283	0	323	241		283	0	323	241		0	0		0	0		0	0		0	0				
600	170	0		175	0		206	0	213	0		0	0		0	0	304	0	340	264		294	0	336	260		288	0	304	252		288	0	304	252		0	0		0	0		0	0		0	0				
700	145	0		145	0		186	0	190	0		0	0		0	0	302	0	346	255		288	0	326	225		284	0	309	242		284	0	309	242		0	0		0	0		0	0		0	0				
800	144	0		148	0		185	0	187	0		0	0		0	0	307	0	335	276		294	0	324	241		293	0	306	280		293	0	306	280		0	0		0	0		0	0		0	0				
900	120	0		122	0		153	0	155	0		0	0		0	0	302	0	346	261		288	0	321	252		283	0	312	247		283	0	312	247		0	0		0	0		0	0		0	0				
1000	153	0		158	0		183	0	191	0		0	0		0	0	300	0	332	251		292	0	326	248		285	0	300	255		285	0	300	255		0	0		0	0		0	0		0	0				
1100	117	0		125	0		146	0	152	0		0	0		0	0	297	0	334	256		286	0	327	236		281	0	318	236		281	0	318	236		0	0		0	0		0	0		0	0				
1200	111	0		113	0		136	0	135	0		0	0		0	0	291	0	326	232		280	0	330	239		274	0	307	241		274	0	307	241		0	0		0	0		0	0		0	0				
1300	122	0		125	0		145	0	149	0		0	0		0	0	276	0	327	250		264	0	310	237		264	0	292	216		264	0	292	216		0	0		0	0		0	0		0	0				
1400	126	0		135	0		151	0	156	0		0	0		0	0	273	0	293	239		264	0	300	229		255	0	270	219		255	0	270	219		0	0		0	0		0	0		0	0				
1500	141	0		129	0		193	0	171	0		0	0		0	0	257	0	296	211		247	0	302	212		241	0	256	221		241	0	256	221		0	0		0	0		0	0		0	0				
1600	113	0		111	0		165	0	152	0		0	0		0	0	263	0	297	229		249	0	284	218		244	0	271	222		244	0	271	222		0	0		0	0		0	0		0	0				
1700	105	0		96	0		153	0	136	0		0	0		0	0	249	0	285	201		242	0	283	202		231	0	258	203		231	0	258	203		0	0		0	0		0	0		0	0				
1800	51	0		59	0		123	0	108	0		0	0		0	0	192	0	241	131		184	0	238	112		185	0	207	158		185	0	207	158		0	0		0	0		0	0		0	0				
1900	89	0		85	0		160	0	136	0		0	0		0	0	213	0	263	143		206	0	260	128		195	0	216	177		195	0	216	177		0	0		0	0		0	0		0	0				
2000	87	0		82	0		134	0	116	0		0	0		0	0	225	0	296	183		219	0	261	174		205	0	235	180		205	0	235	180		0	0		0	0		0	0		0	0				
2100	57	0		60	0		121	0	108	0		0	0		0	0	203	0	265	117		196	0	248	90		190	0	224	159		190	0	224	159		0	0		0	0		0	0		0	0				
2200	62	0		63	0		121	0	105	0		0	0		0	0	205	0	258	103		202	0	263	107		191	0	232	141		191	0	232	141		0	0		0	0		0	0		0	0				
2300	66	0		65	0		128	0	112	0		0	0		0	0	209	0	259	138		203	0	263	103		194	0	220	165		194	0	220	165		0	0		0	0		0	0		0	0				
2400	103	0		100	0		162	0	134	0		0	0		0	0	220	0	259	177		213	0	259	165		201	0	224	180		201	0	224	180		0	0		0	0		0	0		0	0				

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN	
30 A	S	30 B	S	180A	S	180B	S	320	S	320	S	180A	S	180B	S		S		S		S		S		S		S		S		S		S		
100	182	0		179	0	170	0	173	0	320	2	320	2	-13	0	-7	0	0	0	0	0	98	0	0	2	0	2	0	2	0	2	0	2	0	0
200	175	0		170	0	162	0	164	0	320	2	320	2	-13	0	-5	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	0
300	171	0		168	0	159	0	152	0	320	2	320	2	-13	0	-5	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	0
400	171	0		168	0	159	0	152	0	320	2	320	2	-13	0	-5	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	0
500	170	0		166	0	157	0	151	0	320	2	320	2	-13	0	-5	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	0
600	155	0		152	0	143	0	144	0	320	2	320	2	-13	0	-7	0	0	0	0	0	87	0	0	2	0	2	0	2	0	2	0	2	0	0
700	152	0		148	0	139	0	141	0	320	2	320	2	-13	0	-7	0	0	0	0	0	85	0	0	2	0	2	0	2	0	2	0	2	0	0
800	150	0		146	0	137	0	139	0	320	2	320	2	-13	0	-7	0	0	0	0	0	85	0	0	2	0	2	0	2	0	2	0	2	0	0
900	150	0		146	0	137	0	139	0	320	2	320	2	-13	0	-5	0	0	0	0	0	85	0	0	2	0	2	0	2	0	2	0	2	0	0
1000	152	0		148	0	137	0	141	0	320	2	320	2	-14	0	-9	0	0	0	0	0	89	0	0	2	0	2	0	2	0	2	0	2	0	0
1100	153	0		150	0	137	0	141	0	320	2	320	2	-16	0	-9	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	0
1200	152	0		150	0	137	0	139	0	320	2	320	2	-16	0	-9	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	0
1300	153	0		150	0	137	0	139	0	320	2	320	2	-16	0	-9	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	0
1400	153	0		150	0	139	0	141	0	320	2	320	2	-16	0	-9	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	0
1500	157	0		153	0	141	0	143	0	320	2	320	2	-16	0	-11	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	0
1600	166	0		162	0	152	0	155	0	320	2	320	2	-14	0	-7	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	0
1700	168	0		162	0	155	0	157	0	320	2	320	2	-11	0	-4	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	0
1800	110	0		105	0	112	0	112	0	320	2	320	2	0	0	7	0	0	0	0	0	71	0	0	2	0	2	0	2	0	2	0	2	0	0
1900	92	0		90	0	89	0	90	0	320	2	320	2	-5	0	2	0	0	0	0	0	62	0	0	2	0	2	0	2	0	2	0	2	0	0
2000	90	0		87	0	81	0	85	0	320	2	320	2	-9	0	-4	0	0	0	0	0	62	0	0	2	0	2	0	2	0	2	0	2	0	0
2100	80	0		78	0	71	0	72	0	320	2	320	2	-11	0	-5	0	0	0	0	0	58	0	0	2	0	2	0	2	0	2	0	2	0	0
2200	81	0		78	0	71	0	74	0	320	2	320	2	-11	0	-5	0	0	0	0	0	58	0	0	2	0	2	0	2	0	2	0	2	0	0
2300	94	0		90	0	83	0	87	0	320	2	320	2	-11	0	-5	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	0
2400	108	0		105	0	98	0	101	0	320	2	320	2	-11	0	-5	0	0	0	0	0	69	0	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 L-ANGLE

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1	MIN 50 B S	MAX S	WIND DIR2	MIN 150A S	MAX S	WIND DIR3	MIN 150B S	WIND DIR4	MIN S	MAX S	WIND DIR5	MIN S	MAX S	WIND DIR6	MIN S	MAX S
100	109 0	101 0	163 0	138 0	0 0	0 0	235 0	295 181	223 0	261 174	209 0	241 173	209 0	241 173	0 0	0 0	0 0	0 0	0 0	0 0			
200	98 0	93 0	158 0	137 0	0 0	0 0	230 0	308 192	221 0	269 159	207 0	235 166	207 0	235 166	0 0	0 0	0 0	0 0	0 0	0 0			
300	116 0	106 0	194 0	167 0	0 0	0 0	228 0	269 108	223 0	261 141	209 0	236 182	209 0	236 182	0 0	0 0	0 0	0 0	0 0	0 0			
400	128 0	114 0	203 0	174 0	0 0	0 0	227 0	268 165	220 0	261 164	206 0	237 183	206 0	237 183	0 0	0 0	0 0	0 0	0 0	0 0			
500	127 0	117 0	193 0	138 2	0 0	0 0	225 0	267 125	214 0	251 177	204 0	236 176	204 0	236 176	0 0	0 0	0 0	0 0	0 0	0 0			
600	134 0	121 0	194 0	163 0	0 0	0 0	227 0	276 181	222 0	256 147	205 0	241 177	205 0	241 177	0 0	0 0	0 0	0 0	0 0	0 0			
700	148 0	128 0	210 0	164 0	0 0	0 0	233 0	277 199	227 0	269 187	214 0	236 188	214 0	236 188	0 0	0 0	0 0	0 0	0 0	0 0			
800	141 0	128 0	195 0	174 2	0 0	0 0	244 0	280 214	234 0	284 193	219 0	248 195	219 0	248 195	0 0	0 0	0 0	0 0	0 0	0 0			
900	201 0	186 0	278 0	247 0	0 0	0 0	256 0	290 233	245 0	276 210	234 0	254 217	234 0	254 217	0 0	0 0	0 0	0 0	0 0	0 0			
1000	220 0	202 0	312 0	284 0	0 0	0 0	256 0	297 216	245 0	283 217	238 0	248 227	238 0	248 227	0 0	0 0	0 0	0 0	0 0	0 0			
1100	211 0	190 0	305 0	184 2	0 0	0 0	262 0	298 221	254 0	352 208	245 0	285 231	245 0	285 231	0 0	0 0	0 0	0 0	0 0	0 0			
1200	176 0	164 0	270 0	243 0	0 0	0 0	265 0	296 222	252 0	300 216	246 0	264 230	246 0	264 230	0 0	0 0	0 0	0 0	0 0	0 0			
1300	242 0	260 0	278 0	290 0	0 0	0 0	276 0	298 254	264 0	287 238	261 0	281 247	261 0	281 247	0 0	0 0	0 0	0 0	0 0	0 0			
1400	185 0	199 0	232 0	238 0	0 0	0 0	272 0	307 244	262 0	299 233	258 0	278 243	258 0	278 243	0 0	0 0	0 0	0 0	0 0	0 0			
1500	150 0	152 0	183 0	185 0	0 0	0 0	279 0	313 245	267 0	319 230	264 0	290 236	264 0	290 236	0 0	0 0	0 0	0 0	0 0	0 0			
1600	133 0	142 0	171 0	170 0	0 0	0 0	285 0	340 247	274 0	320 234	273 0	305 240	273 0	305 240	0 0	0 0	0 0	0 0	0 0	0 0			
1700	155 0	163 0	195 0	197 0	0 0	0 0	280 0	307 251	268 0	299 238	265 0	290 240	265 0	290 240	0 0	0 0	0 0	0 0	0 0	0 0			
1800	145 0	146 0	180 0	182 0	0 0	0 0	293 0	335 254	280 0	315 240	279 0	314 230	279 0	314 230	0 0	0 0	0 0	0 0	0 0	0 0			
1900	181 0	163 0	256 0	263 0	0 0	0 0	303 0	326 285	290 0	318 265	289 0	302 280	289 0	302 280	0 0	0 0	0 0	0 0	0 0	0 0			
2000	174 0	173 0	256 0	262 0	0 0	0 0	305 0	335 277	293 0	316 256	291 0	299 283	291 0	299 283	0 0	0 0	0 0	0 0	0 0	0 0			
2100	160 0	170 0	204 0	214 0	0 0	0 0	297 0	330 262	287 0	333 250	282 0	303 255	282 0	303 255	0 0	0 0	0 0	0 0	0 0	0 0			
2200	181 0	190 0	228 0	238 0	0 0	0 0	297 0	356 257	285 0	321 242	280 0	313 249	280 0	313 249	0 0	0 0	0 0	0 0	0 0	0 0			
2300	220 0	214 0	295 0	307 0	0 0	0 0	301 0	333 270	291 0	342 257	288 0	310 279	288 0	310 279	0 0	0 0	0 0	0 0	0 0	0 0			
2400	196 0	195 0	275 0	279 0	0 0	0 0	306 0	325 284	292 0	319 261	292 0	300 284	292 0	300 284	0 0	0 0	0 0	0 0	0 0	0 0			

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S			S		
100	132	0	129	0	123	0	125	0	320	2	320	2	-11	0	-4	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
200	157	0	153	0	148	0	150	0	320	2	320	2	-11	0	-4	0	0	0	0	0	89	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
300	180	0	175	0	170	0	173	0	320	2	320	2	-11	0	-4	0	0	0	0	0	96	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
400	186	0	182	0	177	0	180	0	320	2	320	2	-9	0	-4	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
500	198	0	195	0	189	0	191	0	320	2	320	2	-9	0	-4	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
600	224	0	216	0	215	0	216	0	320	2	320	2	-9	0	-2	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
700	245	0	242	0	236	0	238	0	320	2	320	2	-9	0	-4	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
800	261	0	258	0	252	0	254	0	320	2	320	2	-9	0	-4	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
900	283	0	279	0	272	0	276	0	320	2	320	2	-11	0	-4	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1000	288	0	285	0	279	0	279	0	320	2	320	2	-11	0	-4	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1100	314	0	301	0	305	0	285	0	320	2	320	2	-9	0	-4	0	0	0	0	0	152	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1200	297	0	294	0	285	0	288	0	320	2	320	2	-13	0	-5	0	0	0	0	0	143	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1300	303	0	299	0	290	0	292	0	320	2	320	2	-13	0	-7	0	0	0	0	0	144	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1400	306	0	303	0	294	0	297	0	320	2	320	2	-13	0	-5	0	0	0	0	0	146	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1500	310	0	305	0	297	0	301	0	320	2	320	2	-13	0	-5	0	0	0	0	0	146	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1600	315	0	310	0	306	0	306	0	320	2	320	2	-11	0	-4	0	0	0	0	0	146	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1700	322	0	317	0	310	0	312	0	320	2	320	2	-11	0	-4	0	0	0	0	0	148	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1800	320	0	315	0	310	0	312	0	320	2	320	2	-11	0	-4	0	0	0	0	0	482	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
1900	329	0	324	0	322	0	324	0	320	2	320	2	-7	0	0	0	0	0	0	0	478	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2000	336	0	331	0	331	0	334	0	320	2	320	2	-5	0	2	0	0	0	0	0	482	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2100	342	0	336	0	333	0	336	0	320	2	320	2	-7	0	2	0	0	0	0	0	482	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2200	347	0	343	0	340	0	342	0	320	2	320	2	-7	0	0	0	0	0	0	0	487	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2300	349	0	343	0	343	0	347	0	320	2	320	2	-4	0	4	0	0	0	0	0	473	2	0	2	0	2	0	2	0	2	0	2	0	2	0	0
2400	347	0	343	0	347	0	349	0	320	2	320	2	0	0	7	0	0	0	0	0	482	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

	WIND SPD1 50 A S	WIND SPD2 50 B S	WIND SPD3 150A S	WIND SPD4 150B S	WIND SPD5 S	WIND SPD6 50 A S	WIND DIR1 MIN MAX 50 B S	WIND DIR2 MIN MAX 150A S	WIND DIR3 MIN MAX 150B S	WIND DIR4 MIN MAX S	WIND DIR5 MIN MAX S	WIND DIR6 MIN MAX S
100	179 0	185 0	260 0	257 0	0 0	0 0	310 0 341 285	299 0 319 274	298 0 303 291	298 0 303 291	0 0 0 0	0 0
200	162 0	162 0	230 0	236 0	0 0	0 0	304 0 333 282	291 0 310 272	289 0 296 279	289 0 296 279	0 0 0 0	0 0
300	149 0	146 0	225 0	230 0	0 0	0 0	304 0 328 283	292 0 319 258	289 0 297 281	289 0 297 281	0 0 0 0	0 0
400	143 0	152 0	192 0	201 0	0 0	0 0	294 0 335 245	284 0 328 234	282 0 308 254	282 0 308 254	0 0 0 0	0 0
500	132 0	137 0	167 0	171 0	0 0	0 0	287 0 335 248	276 0 315 247	269 0 297 236	269 0 297 236	0 0 0 0	0 0
600	141 0	154 0	213 0	227 0	0 0	0 0	273 0 309 239	262 0 286 230	254 0 262 244	254 0 262 244	0 0 0 0	0 0
700	127 0	111 0	190 0	173 0	0 0	0 0	251 0 280 207	243 0 285 200	235 0 247 219	235 0 247 219	0 0 0 0	0 0
800	114 0	104 0	171 0	153 0	0 0	0 0	251 0 286 216	244 0 276 202	233 0 246 205	233 0 246 205	0 0 0 0	0 0
900	130 0	113 0	196 0	168 0	0 0	0 0	247 0 291 209	244 0 320 205	229 0 249 208	229 0 249 208	0 0 0 0	0 0
1000	128 0	112 0	194 0	168 0	0 0	0 0	251 0 299 209	241 0 280 205	228 0 245 208	228 0 245 208	0 0 0 0	0 0
1100	151 0	139 0	208 0	187 0	0 0	0 0	253 0 297 211	243 0 279 195	231 0 252 210	231 0 252 210	0 0 0 0	0 0
1200	154 0	137 0	202 0	176 0	0 0	0 0	251 0 289 208	242 0 269 191	230 0 256 181	230 0 256 181	0 0 0 0	0 0
1300	76 0	75 0	130 0	113 0	0 0	0 0	242 0 300 190	233 0 292 195	221 0 257 198	221 0 257 198	0 0 0 0	0 0
1400	115 0	96 0	160 0	140 0	0 0	0 0	244 0 281 203	237 0 264 191	222 0 245 197	222 0 245 197	0 0 0 0	0 0
1500	124 0	108 0	176 0	152 0	0 0	0 0	244 0 283 204	235 0 281 195	226 0 250 205	226 0 250 205	0 0 0 0	0 0
1600	91 0	85 0	131 0	115 0	0 0	0 0	231 0 274 202	220 0 263 172	209 0 247 181	209 0 247 181	0 0 0 0	0 0
1700	76 0	70 0	133 0	113 0	0 0	0 0	217 0 257 161	213 0 269 130	199 0 224 166	199 0 224 166	0 0 0 0	0 0
1800	89 0	82 0	152 0	134 0	0 0	0 0	231 0 302 187	219 0 267 147	209 0 241 171	209 0 241 171	0 0 0 0	0 0
1900	112 0	102 0	168 0	150 0	0 0	0 0	231 0 265 169	221 0 253 149	214 0 235 185	214 0 235 185	0 0 0 0	0 0
2000	100 0	93 0	156 0	128 0	0 0	0 0	236 0 289 181	224 0 269 160	209 0 242 183	209 0 242 183	0 0 0 0	0 0
2100	110 0	99 0	164 0	143 0	0 0	0 0	236 0 288 192	228 0 283 200	217 0 243 189	217 0 243 189	0 0 0 0	0 0
2200	155 0	145 0	231 0	208 0	0 0	0 0	254 0 288 210	243 0 272 200	236 0 252 195	236 0 252 195	0 0 0 0	0 0
2300	217 0	225 0	266 0	266 0	0 0	0 0	278 0 314 245	267 0 304 236	267 0 300 244	267 0 300 244	0 0 0 0	0 0
2400	233 0	244 0	350 0	349 0	0 0	0 0	341 0 19 294	330 0 10 281	326 0 354 307	326 0 354 307	0 0 0 0	0 0

	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	S RAIN S
100	352 0	349 0	354 0	356 0	320 2	320 2	0 0	7 0	0 0	0 0	487 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	352 0	347 0	352 0	354 0	320 2	320 2	0 0	7 0	0 0	0 0	491 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	352 0	349 0	354 0	356 0	320 2	320 2	0 0	7 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	354 0	351 0	349 0	351 0	320 2	320 2	-7 0	0 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	352 0	347 0	343 0	345 0	320 2	320 2	-9 0	-2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	347 0	343 0	342 0	343 0	320 2	320 2	-5 0	2 0	0 0	0 0	161 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	329 0	324 0	322 0	324 0	320 2	320 2	-7 0	0 0	0 0	0 0	152 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	322 0	314 0	308 0	310 0	320 2	320 2	-9 0	-4 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	310 0	294 0	301 0	288 0	320 2	320 2	-11 0	-5 0	0 0	0 0	144 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	305 0	301 0	290 0	292 0	320 2	320 2	-14 0	-7 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	299 0	294 0	285 0	287 0	320 2	320 2	-14 0	-7 0	0 0	0 0	146 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	305 0	301 0	290 0	292 0	320 2	320 2	-14 0	-7 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	320 0	315 0	305 0	306 0	320 2	320 2	-14 0	-7 0	0 0	0 0	153 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	340 0	334 0	325 0	329 0	320 2	320 2	-14 0	-9 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	334 0	331 0	322 0	325 0	320 2	320 2	-13 0	-5 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	320 0	315 0	310 0	312 0	320 2	320 2	-9 0	-2 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	2 0
1700	322 0	314 0	308 0	310 0	320 2	320 2	-9 0	-2 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	4 0
1800	320 0	315 0	312 0	314 0	320 2	320 2	-7 0	2 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	5 0
1900	322 0	322 0	315 0	317 0	320 2	320 2	-7 0	0 0	0 0	0 0	148 2	0 2	0 2	0 2	0 2	0 2	0 2	7 0
2000	331 0	327 0	324 0	327 0	320 2	320 2	-7 0	0 0	0 0	0 0	150 2	0 2	0 2	0 2	0 2	0 2	0 2	7 0
2100	334 0	331 0	325 0	327 0	320 2	320 2	-9 0	-2 0	0 0	0 0	143 2	0 2	0 2	0 2	0 2	0 2	0 2	7 0
2200	333 0	329 0	327 0	329 0	320 2	320 2	-7 0	2 0	0 0	0 0	157 2	0 2	0 2	0 2	0 2	0 2	0 2	7 0
2300	345 0	342 0	338 0	340 0	320 2	320 2	-7 0	2 0	0 0	0 0	162 2	0 2	0 2	0 2	0 2	0 2	0 2	8 0
2400	320 0	315 0	314 0	315 0	320 2	320 2	-7 0	0 0	0 0	0 0	159 2	0 2	0 2	0 2	0 2	0 2	0 2	10 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

	WIND SPD1			WIND SPEED			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	B	S	150A	S	150B	S		S	50	A	S		S	50	A	S		S	50	B	S		S	150A	S		S	150B	S		S	150B	S		S		S	150A	S		S		S				
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
100	231	0		229	0		332	0	319	0		0	0			0	0	355	0	67	306	342	0	63	305	341	0	32	307	341	0	32	307		0	0		0	0		0	0		0	0		0	0			
200	237	0		245	0		336	0	331	0		0	0			0	0	354	0	42	300	345	0	29	291	341	0	18	304	341	0	18	304		0	0		0	0		0	0		0	0		0	0			
300	215	0		215	0		313	0	305	0		0	0			0	0	358	0	70	314	345	0	53	297	340	0	7	289	340	0	7	289		0	0		0	0		0	0		0	0		0	0			
400	271	0		276	0		379	0	372	0		0	0			0	0	347	0	25	294	336	0	4	311	330	0	354	291	330	0	354	291		0	0		0	0		0	0		0	0		0	0			
500	261	0		270	0		381	0	377	0		0	0			0	0	344	0	19	299	330	0	8	290	328	0	356	310	328	0	356	310		0	0		0	0		0	0		0	0		0	0			
600	228	0		231	0		345	0	346	0		0	0			0	0	336	0	25	278	324	0	8	274	323	0	357	294	323	0	357	294		0	0		0	0		0	0		0	0		0	0			
700	224	0		240	0		345	0	347	0		0	0			0	0	329	0	11	294	319	0	359	263	316	0	330	299	316	0	330	299		0	0		0	0		0	0		0	0		0	0			
800	227	0		232	0		319	0	316	0		0	0			0	0	323	0	351	287	312	0	353	280	314	0	336	300	314	0	336	300		0	0		0	0		0	0		0	0		0	0			
900	196	0		213	0		304	0	306	0		0	0			0	0	329	0	0	283	317	0	349	275	317	0	333	285	317	0	333	285		0	0		0	0		0	0		0	0		0	0			
1000	203	0		207	0		286	0	289	0		0	0			0	0	345	0	15	285	334	0	22	271	326	0	359	291	326	0	359	291		0	0		0	0		0	0		0	0		0	0			
1100	173	0		181	0		255	0	254	0		0	0			0	0	340	0	12	289	328	0	359	276	325	0	343	297	325	0	343	297		0	0		0	0		0	0		0	0		0	0			
1200	214	0		220	0		310	0	311	0		0	0			0	0	341	0	24	297	328	0	14	291	322	0	340	291	322	0	340	291		0	0		0	0		0	0		0	0		0	0			
1300	183	0		197	0		277	0	274	0		0	0			0	0	324	0	16	280	314	0	355	264	314	0	331	296	314	0	331	296		0	0		0	0		0	0		0	0		0	0			
1400	224	0		225	0		289	0	282	0		0	0			0	0	322	0	355	269	311	0	351	271	309	0	324	293	309	0	324	293		0	0		0	0		0	0		0	0		0	0			
1500	207	0		215	0		283	0	273	0		0	0			0	0	322	0	7	280	312	0	0	281	310	0	327	283	310	0	327	283		0	0		0	0		0	0		0	0		0	0			
1600	227	0		226	0		296	0	290	0		0	0			0	0	311	0	349	284	300	0	328	269	297	0	318	285	297	0	318	285		0	0		0	0		0	0		0	0		0	0			
1700	186	0		187	0		233	0	236	0		0	0			0	0	305	0	340	258	294	0	339	263	292	0	310	278	292	0	310	278		0	0		0	0		0	0		0	0		0	0			
1800	178	0		181	0		222	0	220	0		0	0			0	0	311	0	333	279	299	0	342	270	296	0	311	282	296	0	311	282		0	0		0	0		0	0		0	0		0	0			
1900	137	0		140	0		187	0	183	0		0	0			0	0	312	0	351	273	299	0	322	274	298	0	316	279	298	0	316	279		0	0		0	0		0	0		0	0		0	0			
2000	161	0		159	0		197	0	203	0		0	0			0	0	304	0	329	276	292	0	316	249	289	0	306	272	289	0	306	272		0	0		0	0		0	0		0	0		0	0			
2100	184	0		182	0		240	0	241	0		0	0			0	0	308	0	336	281	298	0	326	264	292	0	306	279	292	0	306	279		0	0		0	0		0	0		0	0		0	0			
2200	211	0		213	0		256	0	262	0		0	0			0	0	302	0	335	244	292	0	327	242	290	0	310	252	290	0	310	252		0	0		0	0		0	0		0	0		0	0			
2300	208	0		209	0		253	0	261	0		0	0			0	0	302	0	334	262	290	0	317	251	287	0	309	264	287	0	309	264		0	0		0	0		0	0		0	0		0	0			
2400	184	0		184	0		226	0	228	0		0	0			0	0	306	0	330	270	295	0	321	259	292	0	326	254	292	0	326	254		0	0		0	0		0	0		0	0		0	0			

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
	30	A S	30	B S	180A	B	180B	S		S		S	180A	B	180B	S		S		S		S		S		S		S		S		S		S		S	
100	303	0	297	0	292	0	296	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
200	283	0	279	0	272	0	274	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
300	241	0	250	0	247	0	251	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	130	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
400	245	0	246	0	233	0	234	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
500	229	0	225	0	215	0	216	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
600	213	0	209	0	200	0	202	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
700	198	0	195	0	184	0	185	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
800	197	0	193	0	182	0	184	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
900	188	0	181	0	175	0	179	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	101	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1000	191	0	188	0	180	0	184	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1100	179	0	175	0	166	0	168	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1200	177	0	173	0	161	0	162	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	98	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1300	170	0	161	0	152	0	155	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	96	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1400	161	0	155	0	143	0	144	0	320	2	320	2	-16	0	-11	0	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1500	143	0	137	0	128	0	130	0	320	2	320	2	-14	0	-9	0	0	0	0	0	0	87	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1600	137	0	134	0	123	0	125	0	320	2	320	2	-16	0	-11	0	0	0	0	0	0	80	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1700	125	0	119	0	110	0	112	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	76	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1800	117	0	114	0	105	0	107	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1900	116	0	112	0	103	0	107	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2000	112	0	109	0	99	0	101	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	71	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2100	114	0	110	0	101	0	103	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	71	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2200	107	0	103	0	96	0	98	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	69	0	0	2	0	2	0	2	0	2	0	2	0	2	9	6
2300	101	0	95	0	89	0	90	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2400	98	0	94	0	87	0	89	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	10	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S	S	50	A S	S			50	B S			150A	S			150B	S			S			S			S	
100	175	0	175	0	211	0	216	0	0 0	0	0	0	305	0	337	266	292	0	318	258	289	0	305	271	289	0	305	271	0	0	0	0	0	0
200	172	0	177	0	219	0	225	0	0 0	0	0	0	301	0	332	248	289	0	334	241	287	0	302	246	287	0	302	246	0	0	0	0	0	0
300	156	0	164	0	199	0	207	0	0 0	0	0	0	304	0	333	270	293	0	331	264	287	0	301	225	287	0	301	225	0	0	0	0	0	0
400	155	0	161	0	183	0	188	0	0 0	0	0	0	297	0	348	260	285	0	318	230	280	0	306	234	280	0	306	234	0	0	0	0	0	0
500	183	0	187	0	223	0	223	0	0 0	0	0	0	291	0	325	244	276	0	319	221	276	0	297	241	276	0	297	241	0	0	0	0	0	0
600	169	0	169	0	207	0	214	0	0 0	0	0	0	298	0	355	251	286	0	338	239	282	0	310	242	282	0	310	242	0	0	0	0	0	0
700	162	0	165	0	198	0	200	0	0 0	0	0	0	293	0	334	254	282	0	308	243	281	0	311	246	281	0	311	246	0	0	0	0	0	0
800	156	0	162	0	189	0	192	0	0 0	0	0	0	292	0	328	257	280	0	321	222	281	0	317	248	281	0	317	248	0	0	0	0	0	0
900	165	0	166	0	208	0	207	0	0 0	0	0	0	307	0	333	274	296	0	334	268	293	0	314	277	293	0	314	277	0	0	0	0	0	0
1000	178	0	177	0	209	0	215	0	0 0	0	0	0	305	0	336	272	292	0	326	252	285	0	300	267	285	0	300	267	0	0	0	0	0	0
1100	186	0	187	0	227	0	229	0	0 0	0	0	0	300	0	333	245	288	0	318	247	285	0	303	245	285	0	303	245	0	0	0	0	0	0
1200	209	0	213	0	263	0	265	0	0 0	0	0	0	302	0	328	257	291	0	328	251	287	0	303	243	287	0	303	243	0	0	0	0	0	0
1300	203	0	205	0	248	0	253	0	0 0	0	0	0	296	0	337	243	288	0	320	231	281	0	302	241	281	0	302	241	0	0	0	0	0	0
1400	228	0	222	0	273	0	279	0	0 0	0	0	0	306	0	332	269	291	0	315	256	288	0	304	245	288	0	304	245	0	0	0	0	0	0
1500	220	0	221	0	267	0	274	0	0 0	0	0	0	303	0	324	274	290	0	321	264	288	0	299	268	288	0	299	268	0	0	0	0	0	0
1600	193	0	194	0	229	0	235	0	0 0	0	0	0	300	0	328	256	289	0	316	257	285	0	304	244	285	0	304	244	0	0	0	0	0	0
1700	181	0	186	0	225	0	230	0	0 0	0	0	0	296	0	328	246	285	0	324	245	281	0	328	252	281	0	328	252	0	0	0	0	0	0
1800	197	0	196	0	238	0	244	0	0 0	0	0	0	296	0	330	251	283	0	312	242	281	0	307	236	281	0	307	236	0	0	0	0	0	0
1900	174	0	182	0	200	0	206	0	0 0	0	0	0	282	0	336	234	272	0	313	228	271	0	299	245	271	0	299	245	0	0	0	0	0	0
2000	165	0	165	0	199	0	198	0	0 0	0	0	0	286	0	323	236	276	0	323	234	270	0	309	219	270	0	309	219	0	0	0	0	0	0
2100	168	0	170	0	207	0	211	0	0 0	0	0	0	281	0	351	249	269	0	318	239	265	0	289	245	265	0	289	245	0	0	0	0	0	0
2200	186	0	196	0	217	0	224	0	0 0	0	0	0	276	0	319	243	266	0	310	229	259	0	287	243	259	0	287	243	0	0	0	0	0	0
2300	179	0	186	0	226	0	230	0	0 0	0	0	0	270	0	309	229	259	0	298	209	254	0	275	228	254	0	275	228	0	0	0	0	0	0
2400	129	0	120	0	166	0	149	0	0 0	0	0	0	249	0	296	195	239	0	359	186	227	0	264	186	227	0	264	186	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN		
	30	A S	30	B S	180A	B	180B	S	S	S	S	180A	B	180B	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
100	99	0	95	0	87	0	89	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
200	94	0	90	0	83	0	87	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
300	90	0	89	0	80	0	83	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	62	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
400	87	0	83	0	74	0	75	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	60	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
500	76	0	72	0	62	0	65	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	56	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
600	69	0	65	0	54	0	58	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	53	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
700	62	0	58	0	49	0	53	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	51	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
800	65	0	62	0	53	0	56	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	53	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
900	78	0	72	0	67	0	67	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	56	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1000	87	0	83	0	72	0	76	0	320	2	320	2	-14	0	-7	0	0	0	0	0	0	62	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1100	96	0	90	0	80	0	83	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1200	94	0	90	0	78	0	81	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1300	89	0	85	0	74	0	76	0	320	2	320	2	-14	0	-9	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1400	89	0	85	0	72	0	76	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1500	92	0	90	0	78	0	80	0	320	2	320	2	-16	0	-9	0	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1600	90	0	89	0	78	0	81	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1700	92	0	90	0	81	0	85	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1800	92	0	90	0	81	0	85	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	63	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1900	87	0	83	0	74	0	78	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	62	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2000	83	0	80	0	71	0	74	0	320	2	320	2	-13	0	-5	0	0	0	0	0	0	60	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2100	74	0	71	0	62	0	63	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	56	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2200	71	0	65	0	60	0	60	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	54	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2300	69	0	65	0	58	0	60	0	320	2	320	2	-11	0	-5	0	0	0	0	0	0	54	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2400	49	0	47	0	36	0	40	0	320	2	320	2	-13	0	-7	0	0	0	0	0	0	51	0	0	2	0	2	0	2	0	2	0	2	0	2	10	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN MAX			WIND DIR2			MIN MAX			WIND DIR3			MIN MAX			WIND DIR4			MIN MAX			WIND DIR5			MIN MAX			WIND DIR6		
	50	A	S	50	B	S	150A	S	150B	S	50	A	S	50	A	S	50	A	S	50	B	S	150A	S	50	B	S	150A	S	50	B	S	150A	S	50	B	S	150A	S	50	B	S	150A	S	50	B	S				
100	103	0		94	0		163	0	139	0	0	0		0	0		225	0	267	175		219	0	306	182		206	0	231	177		206	0	231	177		0	0		0	0		0	0		0	0				
200	87	0		80	0		141	0	121	0	0	0		0	0		216	0	262	159		212	0	258	166		200	0	229	155		200	0	229	155		0	0		0	0		0	0		0	0				
300	85	0		78	0		163	0	142	0	0	0		0	0		206	0	265	131		205	0	268	133		194	0	217	175		194	0	217	175		0	0		0	0		0	0		0	0				
400	87	0		78	0		137	0	115	0	0	0		0	0		221	0	256	164		216	0	247	170		208	0	230	179		208	0	230	179		0	0		0	0		0	0		0	0				
500	84	0		81	0		141	0	121	0	0	0		0	0		226	0	298	182		212	0	259	138		197	0	220	176		197	0	220	176		0	0		0	0		0	0		0	0				
600	98	0		95	0		181	0	159	0	0	0		0	0		196	0	268	125		188	0	261	112		184	0	210	155		184	0	210	155		0	0		0	0		0	0		0	0				
700	98	0		100	0		192	0	178	0	0	0		0	0		184	0	262	118		182	0	263	95		177	0	216	140		177	0	216	140		0	0		0	0		0	0		0	0				
800	79	0		83	0		173	0	163	0	0	0		0	0		182	0	242	124		180	0	257	93		178	0	223	149		178	0	223	149		0	0		0	0		0	0		0	0				
900	84	0		88	0		170	0	151	0	0	0		0	0		196	0	257	95		192	0	262	105		184	0	213	132		184	0	213	132		0	0		0	0		0	0		0	0				
1000	105	0		109	0		204	0	184	0	0	0		0	0		188	0	265	112		183	0	251	112		179	0	219	133		179	0	219	133		0	0		0	0		0	0		0	0				
1100	116	0		109	0		215	0	181	0	0	0		0	0		196	0	252	114		195	0	267	115		187	0	216	151		187	0	216	151		0	0		0	0		0	0		0	0				
1200	128	0		120	0		236	0	200	0	0	0		0	0		204	0	267	102		200	0	269	126		188	0	227	156		188	0	227	156		0	0		0	0		0	0		0	0				
1300	110	0		105	0		194	0	172	0	0	0		0	0		202	0	260	104		196	0	252	130		184	0	217	120		184	0	217	120		0	0		0	0		0	0		0	0				
1400	99	0		95	0		182	0	163	0	0	0		0	0		212	0	267	134		203	0	260	123		191	0	229	151		191	0	229	151		0	0		0	0		0	0		0	0				
1500	102	0		104	0		192	0	164	0	0	0		0	0		205	0	260	125		201	0	269	126		191	0	217	168		191	0	217	168		0	0		0	0		0	0		0	0				
1600	90	0		86	0		167	0	143	0	0	0		0	0		214	0	261	124		210	0	263	102		193	0	214	172		193	0	214	172		0	0		0	0		0	0		0	0				
1700	100	0		91	0		152	0	131	0	0	0		0	0		226	0	285	183		217	0	263	162		205	0	238	153		205	0	238	153		0	0		0	0		0	0		0	0				
1800	97	0		90	0		163	0	140	0	0	0		0	0		226	0	276	183		219	0	310	185		204	0	230	176		204	0	230	176		0	0		0	0		0	0		0	0				
1900	104	0		101	0		170	0	149	0	0	0		0	0		222	0	273	187		215	0	263	163		204	0	229	165		204	0	229	165		0	0		0	0		0	0		0	0				
2000	124	0		109	0		187	0	162	0	0	0		0	0		233	0	269	175		226	0	275	180		214	0	238	170		214	0	238	170		0	0		0	0		0	0		0	0				
2100	238	0		211	0		330	0	301	0	0	0		0	0		256	0	279	233		247	0	275	221		239	0	250	225		239	0	250	225		0	0		0	0		0	0		0	0				
2200	387	0		405	0		460	0	453	0	0	0		0	0		277	0	322	236		266	0	315	239		263	0	282	245		263	0	282	245		0	0		0	0		0	0		0	0				
2300	315	0		324	0		395	0	397	0	0	0		0	0		281	0	308	246		269	0	303	235		267	0	286	244		267	0	286	244		0	0		0	0		0	0		0	0				
2400	294	0		289	0		357	0	355	0	0	0		0	0		282	0	322	248		268	0	306	213		267	0	296	234		267	0	296	234		0	0		0	0		0	0		0	0				

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
30	A	S	30	B	S	180A	S	180B	S	320	S	180A	S	180B	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	320	S	
100	6	0	4	0	-4	0	0	0	320	2	320	2	-11	0	-5	0	0	0	0	0	31	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
200	-9	0	-13	0	-20	0	-17	0	320	2	320	2	-11	0	-5	0	0	0	0	0	24	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
300	-6	0	-9	0	-13	0	-9	0	320	2	320	2	-7	0	0	0	0	0	0	0	24	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
400	0	0	-2	0	-6	0	-4	0	320	2	320	2	-7	0	0	0	0	0	0	0	24	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
500	13	0	9	0	4	0	8	0	320	2	320	2	-7	0	-2	0	0	0	0	0	31	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
600	33	0	29	0	24	0	27	0	320	2	320	2	-9	0	-4	0	0	0	0	0	40	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
700	47	0	44	0	38	0	40	0	320	2	320	2	-9	0	-4	0	0	0	0	0	45	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
800	71	0	65	0	62	0	62	0	320	2	320	2	-9	0	-4	0	0	0	0	0	56	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
900	90	0	82	0	81	0	80	0	320	2	320	2	-11	0	-4	0	0	0	0	0	65	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1000	103	0	99	0	92	0	92	0	320	2	320	2	-13	0	-7	0	0	0	0	0	71	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1100	121	0	117	0	107	0	108	0	320	2	320	2	-14	0	-7	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1200	135	0	128	0	121	0	116	0	320	2	320	2	-16	0	-11	0	0	0	0	0	87	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1300	139	0	137	0	121	0	123	0	320	2	320	2	-18	0	-13	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1400	153	0	150	0	137	0	139	0	320	2	320	2	-16	0	-11	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1500	162	0	159	0	150	0	153	0	320	2	320	2	-11	0	-5	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1600	175	0	171	0	166	0	168	0	320	2	320	2	-9	0	-4	0	0	0	0	0	96	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1700	202	0	198	0	195	0	197	0	320	2	320	2	-7	0	2	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1800	227	0	224	0	218	0	222	0	320	2	320	2	-7	0	-2	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1900	243	0	240	0	238	0	240	0	320	2	320	2	-5	0	0	0	0	0	0	0	123	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2000	279	0	274	0	272	0	274	0	320	2	320	2	-5	0	0	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2100	320	0	315	0	312	0	315	0	320	2	320	2	-5	0	0	0	0	0	0	0	170	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2200	294	0	285	0	283	0	285	0	320	2	320	2	-9	0	-4	0	0	0	0	0	141	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2300	279	0	274	0	267	0	269	0	320	2	320	2	-11	0	-5	0	0	0	0	0	137	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2400	258	0	252	0	243	0	245	0	320	2	320	2	-11	0	-7	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0

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[illegible]

AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN			
30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	180A	S	180B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S	30 B	S	30 A	S
100	251	0		245	0	240	0	234	0	320	2	320	2	-11	0	-5	0	0	0	0	0	126	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
200	231	0		227	0	216	0	220	0	320	2	320	2	-13	0	-7	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
300	216	0		213	0	204	0	206	0	320	2	320	2	-13	0	-7	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
400	213	0		209	0	200	0	202	0	320	2	320	2	-11	0	-5	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
500	206	0		202	0	193	0	197	0	320	2	320	2	-11	0	-5	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
600	207	0		202	0	195	0	197	0	320	2	320	2	-11	0	-5	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
700	207	0		204	0	202	0	197	0	320	2	320	2	-11	0	-5	0	0	0	0	0	107	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
800	206	0		202	0	193	0	197	0	320	2	320	2	-11	0	-5	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
900	207	0		204	0	195	0	197	0	320	2	320	2	-11	0	-5	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1000	211	0		207	0	197	0	198	0	320	2	320	2	-13	0	-7	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1100	220	0		216	0	206	0	207	0	320	2	320	2	-13	0	-7	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1200	218	0		215	0	206	0	207	0	320	2	320	2	-13	0	-7	0	0	0	0	0	114	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1300	222	0		218	0	207	0	211	0	320	2	320	2	-13	0	-7	0	0	0	0	0	116	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1400	222	0		215	0	207	0	206	0	320	2	320	2	-13	0	-7	0	0	0	0	0	114	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1500	220	0		213	0	209	0	206	0	320	2	320	2	-13	0	-5	0	0	0	0	0	114	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1600	215	0		211	0	200	0	204	0	320	2	320	2	-13	0	-7	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1700	200	0		197	0	188	0	189	0	320	2	320	2	-13	0	-7	0	0	0	0	0	107	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1800	188	0		184	0	173	0	177	0	320	2	320	2	-13	0	-7	0	0	0	0	0	101	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1900	175	0		170	0	159	0	162	0	320	2	320	2	-13	0	-7	0	0	0	0	0	96	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2000	164	0		159	0	150	0	152	0	320	2	320	2	-13	0	-7	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2100	153	0		152	0	144	0	146	0	320	2	320	2	-11	0	-5	0	0	0	0	0	89	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2200	144	0		141	0	132	0	135	0	320	2	320	2	-13	0	-7	0	0	0	0	0	85	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2300	141	0		137	0	128	0	132	0	320	2	320	2	-11	0	-5	0	0	0	0	0	83	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2400	130	0		126	0	117	0	121	0	320	2	320	2	-11	0	-5	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	10	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

	WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND		WIND	
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AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
30	A	S	30	B	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S	180A	S	180B	S
100	132	0	129	0	119	0	123	0	320	2	320	2	-11	0	-5	0	0	0	0	0	80	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
200	128	0	125	0	116	0	119	0	320	2	320	2	-11	0	-5	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
300	130	0	125	0	119	0	121	0	320	2	320	2	-11	0	-5	0	0	0	0	0	80	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
400	126	0	123	0	114	0	116	0	320	2	320	2	-13	0	-7	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
500	112	0	108	0	99	0	101	0	320	2	320	2	-13	0	-7	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
600	117	0	114	0	107	0	108	0	320	2	320	2	-13	0	-5	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
700	125	0	121	0	116	0	114	0	320	2	320	2	-13	0	-5	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
800	126	0	123	0	114	0	116	0	320	2	320	2	-13	0	-5	0	0	0	0	0	78	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
900	130	0	121	0	119	0	119	0	320	2	320	2	-13	0	-5	0	0	0	0	0	80	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1000	132	0	125	0	119	0	121	0	320	2	320	2	-13	0	-7	0	0	0	0	0	81	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1100	139	0	137	0	126	0	128	0	320	2	320	2	-14	0	-7	0	0	0	0	0	83	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1200	150	0	145	0	135	0	137	0	320	2	320	2	-16	0	-9	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1300	161	0	157	0	143	0	144	0	320	2	320	2	-18	0	-13	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1400	159	0	153	0	143	0	144	0	320	2	320	2	-16	0	-11	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1500	171	0	165	0	157	0	157	0	320	2	320	2	-14	0	-9	0	0	0	0	0	103	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1600	162	0	157	0	148	0	150	0	320	2	320	2	-14	0	-7	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1700	171	1	155	0	170	0	148	0	320	2	320	2	-9	0	-5	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1800	157	0	153	0	150	0	152	0	320	2	320	2	-7	0	0	0	0	0	0	0	87	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1900	170	0	164	0	159	0	162	0	320	2	320	2	-9	0	-2	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2000	162	0	157	0	153	0	157	0	320	2	320	2	-7	0	0	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2100	161	0	157	0	152	0	153	0	320	2	320	2	-9	0	-4	0	0	0	0	0	90	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2200	162	0	159	0	152	0	155	0	320	2	320	2	-9	0	-4	0	0	0	0	0	92	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2300	170	0	165	0	159	0	162	0	320	2	320	2	-9	0	-4	0	0	0	0	0	94	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2400	182	0	175	0	173	0	175	0	320	2	320	2	-9	0	-4	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	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

	WIND SPD1			WIND SPD2			WIND SPD3			WIND SPD4			WIND SPD5			WIND SPD6			WIND DIR1			MIN			MAX			WIND DIR2			MIN			MAX			WIND DIR3			MIN			MAX			WIND DIR4			MIN			MAX			WIND DIR5			MIN			MAX			WIND DIR6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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AMB. TEM1		AME. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEMP6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN S		
30 A	S	30 B	S	180A	S	180B	S		S		S	180A	S	180B	S		S		S		S		S		S		S		S		S		S			
100	209	0	204	0	198	0	200	0	320	2	320	2	-11	0	-4	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
200	227	0	222	0	215	0	216	0	320	2	320	2	-13	0	-5	0	0	0	0	0	117	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
300	213	0	211	0	204	0	206	0	320	2	320	2	-11	0	-5	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
400	215	0	211	0	202	0	204	0	320	2	320	2	-11	0	-5	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
500	216	0	211	0	204	0	207	0	320	2	320	2	-11	0	-4	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
600	204	0	200	0	189	0	193	0	320	2	320	2	-13	0	-7	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
700	189	0	180	0	177	0	179	0	320	2	320	2	-13	0	-7	0	0	0	0	0	103	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
800	186	0	182	0	173	0	175	0	320	2	320	2	-14	0	-7	0	0	0	0	0	101	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
900	182	0	179	0	170	0	171	0	320	2	320	2	-13	0	-7	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1000	180	0	177	0	168	0	171	0	320	2	320	2	-13	0	-7	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1100	184	0	180	0	171	0	173	0	320	2	320	2	-14	0	-7	0	0	0	0	0	103	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1200	191	0	182	0	180	0	175	0	320	2	320	2	-13	0	-7	0	0	0	0	0	103	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1300	186	0	182	0	170	0	173	0	320	2	320	2	-16	0	-9	0	0	0	0	0	105	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1400	191	0	182	0	177	0	180	0	320	2	320	2	-14	0	-9	0	0	0	0	0	108	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1500	198	0	195	0	184	0	186	0	320	2	320	2	-14	0	-9	0	0	0	0	0	112	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1600	200	0	197	0	186	0	188	0	320	2	320	2	-14	0	-9	0	0	0	0	0	110	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1700	193	0	188	0	182	0	184	0	320	2	320	2	-9	0	-4	0	0	0	0	0	103	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1800	188	0	180	0	180	0	184	0	320	2	320	2	-7	0	2	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
1900	184	0	180	0	175	0	179	0	320	2	320	2	-9	0	-2	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2000	189	0	186	0	180	0	184	0	320	2	320	2	-9	0	-2	0	0	0	0	0	101	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2100	186	0	182	0	177	0	180	0	320	2	320	2	-9	0	2	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2200	188	0	182	0	175	0	179	0	320	2	320	2	-11	0	-4	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2300	186	0	182	0	177	0	179	0	320	2	320	2	-9	0	-2	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0
2400	189	0	180	0	182	0	184	0	320	2	320	2	-7	0	0	0	0	0	0	0	101	0	0	2	0	2	0	2	0	2	0	2	0	2	10	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6	
	50	A S	50	B S	150A	S	150B	S		S	50	A S			50	B S			150A	S			150B	S			S			S			S	
100	147	0	145	0	220	0	200	0	0	0	0	0	264	0	295	216	254	0	282	220	246	0	258	232	246	0	258	232	0	0	0	0	0	0
200	145	0	150	0	221	0	203	0	0	0	0	0	271	0	311	232	259	0	281	228	249	0	264	235	249	0	264	235	0	0	0	0	0	0
300	157	0	148	0	232	0	212	0	0	0	0	0	265	0	302	227	254	0	290	227	246	0	259	236	246	0	259	236	0	0	0	0	0	0
400	147	0	157	0	208	0	213	0	0	0	0	0	271	0	300	232	262	0	290	220	252	0	265	226	252	0	265	226	0	0	0	0	0	0
500	160	0	167	0	184	0	190	0	0	0	0	0	276	0	313	249	264	0	298	209	263	0	291	229	263	0	291	229	0	0	0	0	0	0
600	92	0	85	0	143	0	124	0	0	0	0	0	231	0	263	205	223	0	254	200	229	0	242	216	229	0	242	216	0	0	0	0	0	0
700	114	0	98	0	180	0	152	0	0	0	0	0	234	0	261	170	223	0	254	184	214	0	232	194	214	0	232	194	0	0	0	0	0	0
800	82	0	76	0	130	0	118	0	0	0	0	0	228	0	283	191	222	0	263	197	216	0	238	201	216	0	238	201	0	0	0	0	0	0
900	83	0	76	0	162	0	145	0	0	0	0	0	217	0	258	168	208	0	251	172	210	0	235	195	210	0	235	195	0	0	0	0	0	0
1000	80	0	73	0	134	0	119	0	0	0	0	0	231	0	282	186	221	0	260	176	212	0	243	182	212	0	243	182	0	0	0	0	0	0
1100	57	0	54	0	111	0	95	0	0	0	0	0	209	0	265	101	202	0	252	101	192	0	224	151	192	0	224	151	0	0	0	0	0	0
1200	61	0	61	0	117	0	102	0	0	0	0	0	199	0	268	96	191	0	265	114	188	0	219	143	188	0	219	143	0	0	0	0	0	0
1300	60	0	56	0	110	0	95	0	0	0	0	0	196	0	259	92	191	0	268	92	189	0	238	121	189	0	238	121	0	0	0	0	0	0
1400	76	0	76	0	134	2	130	0	0	0	0	0	177	0	253	106	177	0	253	106	176	0	205	143	176	0	205	143	0	0	0	0	0	0
1500	104	0	98	0	188	0	164	0	0	0	0	0	192	0	265	121	186	0	240	105	183	0	224	151	183	0	224	151	0	0	0	0	0	0
1600	97	0	97	0	191	0	171	0	0	0	0	0	192	0	266	116	186	0	260	96	183	0	223	153	183	0	223	153	0	0	0	0	0	0
1700	124	0	121	0	229	0	208	0	0	0	0	0	188	0	243	92	179	0	243	101	177	0	197	157	177	0	197	157	0	0	0	0	0	0
1800	118	0	114	0	218	0	195	0	0	0	0	0	200	0	245	97	194	0	250	128	186	0	214	148	186	0	214	148	0	0	0	0	0	0
1900	123	0	116	0	220	0	192	0	0	0	0	0	207	0	265	124	207	0	260	137	191	0	218	156	191	0	218	156	0	0	0	0	0	0
2000	139	0	127	0	265	0	228	0	0	0	0	0	204	0	265	103	204	0	269	113	192	0	225	168	192	0	225	168	0	0	0	0	0	0
2100	183	0	163	0	244	0	222	0	0	0	0	0	230	0	273	182	232	0	335	182	209	0	267	178	209	0	267	178	0	0	0	0	0	0
2200	172	0	154	0	246	0	214	0	0	0	0	0	235	0	277	184	227	0	313	184	211	0	264	182	211	0	264	182	0	0	0	0	0	0
2300	151	0	129	0	226	0	196	0	0	0	0	0	235	0	268	188	225	0	263	185	211	0	261	173	211	0	261	173	0	0	0	0	0	0
2400	153	0	133	0	223	0	197	0	0	0	0	0	241	0	286	195	232	0	292	190	218	0	246	183	218	0	246	183	0	0	0	0	0	0

	AMB. TEM1		AMB. TEM2		AMB. TEM3		AMB. TEM4		AMB. TEM5		AMB. TEM6		D.T. 1		D.T. 2		D.T. 3		D.T. 4		MISC 1		MISC 2		MISC 3		MISC 4		MISC 5		MISC 6		MISC 7		RAIN 8		
	30	A S	30	B S	180A	B	180B	S		S	180A	B	180B	S		S		S		S		S		S		S		S		S		S		S		S	
100	182	0	179	0	175	0	177	0	320	2	320	2	-7	0	0	0	0	0	0	0	98	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
200	184	0	180	0	177	0	179	0	320	2	320	2	-7	0	0	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
300	186	0	182	0	180	0	182	0	320	2	320	2	-5	0	2	0	0	0	0	0	99	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
400	193	0	186	0	186	0	188	0	320	2	320	2	-7	0	0	0	0	0	0	0	101	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
500	204	0	195	0	193	0	197	0	320	2	320	2	-9	0	-4	0	0	0	0	0	107	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
600	125	0	121	0	146	0	150	0	320	2	320	2	22	0	29	0	0	0	0	0	74	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
700	123	0	119	0	119	0	123	0	320	2	320	2	-4	0	4	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
800	114	0	110	0	110	0	114	0	320	2	320	2	-4	0	4	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
900	92	0	83	0	105	0	101	0	320	2	320	2	13	0	18	0	0	0	0	0	72	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
1000	144	0	141	0	139	0	137	0	320	2	320	2	-9	0	-2	0	0	0	0	0	96	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
1100	211	0	204	0	193	0	184	0	320	2	320	2	-22	0	-16	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
1200	233	0	227	0	213	0	215	0	320	2	320	2	-20	0	-14	0	0	0	0	0	128	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
1300	254	0	251	0	236	0	236	0	320	2	320	2	-20	0	-14	0	0	0	0	0	135	0	0	2	0	2	0	2	0	2	0	2	0	2	10	0	
1400	267	2	261	0	249	2	249	0	320	2	320	2	-18	2	-11	0	0	0	0	0	137	2	0	2	0	2	0	2	0	2	0	2	0	2	12	0	
1500	283	0	276	0	269	0	270	0	320	2	320	2	-13	0	-7	0	0	0	0	0	139	0	0	2	0	2	0	2	0	2	0	2	0	2	0	6	0
1600	303	0	297	0	292	0	296	0	320	2	320	2	-9	0	-4	0	0	0	0	0	146	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1700	314	0	310	0	306	0	310	0	320	2	320	2	-7	0	0	0	0	0	0	0	150	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1800	325	0	320	0	320	0	322	0	320	2	320	2	-5	0	2	0	0	0	0	0	153	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
1900	336	0	333	0	331	0	331	0	320	2	320	2	-7	0	0	0	0	0	0	0	161	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2000	367	0	361	0	358	0	361	0	320	2	320	2	-7	0	0	0	0	0	0	0	170	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2100	403	0	392	0	412	0	388	0	320	2	320	2	-7	0	0	0	0	0	0	0	179	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2200	392	0	385	0	385	0	385	0	320	2	320	2	-9	0	-4	0	0	0	0	0	179	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2300	392	0	365	0	383	0	385	0	320	2	320	2	-9	0	-2	0	0	0	0	0	529	0	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0
2400	387	0	381	0	379	0	381	0	320	2	320	2	-7	0	0	0	0	0	0	0	523	0	0	2	0	2	0	2	0	2	0	2	0	2	0	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

	WIND SPD1		WIND SPD2		WIND SPD3		WIND SPD4		WIND SPD5		WIND SPD6		WIND DIR1		MIN MAX		WIND DIR2		MIN MAX		WIND DIR3		MIN MAX		WIND DIR4		MIN MAX		WIND DIR5		MIN MAX		WIND DIR6			
	50	A S	50	B S	150A	S	150B	S	50	A S	50	A S	50	B S	150A	S	150B	S	50	B S	150A	S	150B	S	50	B S	150A	S	150B	S	50	B S	150A	S	150B	S
100	198	0	172	0	297	0	269	0	0	0	0	0	253	0	283	216	241	0	277	199	234	0	247	226	234	0	247	226	0	0	0	0	0	0	0	
200	180	0	166	0	273	0	257	0	0	0	0	0	255	0	288	225	246	0	275	220	240	0	247	232	240	0	247	232	0	0	0	0	0	0	0	
300	161	0	166	0	217	0	223	0	0	0	0	0	281	0	338	243	270	0	318	239	268	0	311	246	268	0	311	246	0	0	0	0	0	0	0	
400	172	0	183	0	217	0	230	0	0	0	0	0	275	0	315	262	263	0	286	234	261	0	265	254	261	0	265	254	0	0	0	0	0	0	0	
500	195	0	204	0	231	0	238	0	0	0	0	0	276	0	299	238	264	0	285	241	262	0	294	248	262	0	294	248	0	0	0	0	0	0	0	
600	193	0	195	0	253	0	264	0	0	0	0	0	299	0	338	268	286	0	326	247	283	0	303	256	283	0	303	256	0	0	0	0	0	0	0	
700	159	0	166	0	201	0	206	0	0	0	0	0	291	0	332	223	280	0	321	244	277	0	303	235	277	0	303	235	0	0	0	0	0	0	0	
800	149	0	156	0	201	0	211	0	0	0	0	0	291	0	331	246	280	0	312	245	274	0	309	233	274	0	309	233	0	0	0	0	0	0	0	
900	212	0	212	0	276	0	283	0	0	0	0	0	306	0	335	283	292	0	332	258	290	0	318	271	290	0	318	271	0	0	0	0	0	0	0	
1000	175	0	173	0	234	0	241	0	0	0	0	0	309	0	351	272	301	0	25	270	296	0	322	278	296	0	322	278	0	0	0	0	0	0	0	
1100	177	0	181	0	234	0	232	0	0	0	0	0	308	0	336	273	296	0	326	269	294	0	305	282	294	0	305	282	0	0	0	0	0	0	0	
1200	182	0	183	0	224	0	238	0	0	0	0	0	293	0	323	254	281	0	312	214	279	0	310	238	279	0	310	238	0	0	0	0	0	0	0	
1300	183	0	178	0	209	0	226	0	0	0	0	0	299	0	339	266	287	0	320	246	282	0	317	247	282	0	317	247	0	0	0	0	0	0	0	
1400	195	0	190	0	234	0	250	0	0	0	0	0	302	0	328	268	290	0	355	261	286	0	316	259	286	0	316	259	0	0	0	0	0	0	0	
1500	182	0	176	0	229	0	234	0	0	0	0	0	304	0	340	258	291	0	309	232	290	0	302	256	290	0	302	256	0	0	0	0	0	0	0	
1600	179	0	185	0	209	0	222	0	0	0	0	0	298	0	351	257	286	0	326	232	281	0	298	248	281	0	298	248	0	0	0	0	0	0	0	
1700	179	0	164	0	213	0	224	0	0	0	0	0	298	0	333	238	285	0	324	233	281	0	307	255	281	0	307	255	0	0	0	0	0	0	0	
1800	181	0	184	0	226	0	230	0	0	0	0	0	306	0	346	278	294	0	328	253	291	0	302	273	291	0	302	273	0	0	0	0	0	0	0	
1900	148	0	152	0	212	0	203	0	0	0	0	0	316	0	351	292	305	0	331	269	305	0	319	289	305	0	319	289	0	0	0	0	0	0	0	
2000	183	0	187	0	230	0	238	0	0	0	0	0	303	0	324	257	289	0	329	250	285	0	301	253	285	0	301	253	0	0	0	0	0	0	0	
2100	149	0	153	0	202	0	198	0	0	0	0	0	311	0	347	285	300	0	345	266	298	0	313	282	298	0	313	282	0	0	0	0	0	0	0	
2200	148	0	151	0	198	0	198	0	0	0	0	0	308	0	335	275	295	0	323	267	295	0	309	284	295	0	309	284	0	0	0	0	0	0	0	
2300	138	0	131	0	172	0	178	0	0	0	0	0	303	0	332	262	292	0	342	250	290	0	303	279	290	0	303	279	0	0	0	0	0	0	0	
2400	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	2	

	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	S RAIN S
100	372 0	367 0	370 0	372 0	320 2	320 2	2 0	5 0	0 0	0 0	513 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
200	360 0	354 0	360 0	361 0	320 2	320 2	2 0	7 0	0 0	0 0	507 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
300	356 0	351 0	349 0	351 0	320 2	320 2	-7 0	0 0	0 0	0 0	500 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
400	345 0	342 0	340 0	343 0	320 2	320 2	-4 0	2 0	0 0	0 0	495 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
500	342 0	336 0	331 0	333 0	320 2	320 2	-9 0	-4 0	0 0	0 0	491 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
600	325 0	320 0	314 0	315 0	320 2	320 2	-11 0	-4 0	0 0	0 0	480 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
700	314 0	310 0	303 0	305 0	320 2	320 2	-11 0	-4 0	0 0	0 0	480 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
800	312 0	308 0	301 0	303 0	320 2	320 2	-11 0	-5 0	0 0	0 0	482 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
900	294 0	290 0	287 0	285 0	320 2	320 2	-11 0	-4 0	0 0	0 0	390 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1000	290 0	283 0	288 0	278 0	320 2	320 2	-9 0	-4 0	0 0	0 0	132 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1100	276 0	272 0	263 0	267 0	320 2	320 2	-13 0	-5 0	0 0	0 0	135 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1200	270 0	267 0	258 0	258 0	320 2	320 2	-13 0	-7 0	0 0	0 0	134 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1300	272 0	263 0	265 0	254 0	320 2	320 2	-13 0	-7 0	0 0	0 0	134 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1400	267 0	260 0	260 0	252 0	320 2	320 2	-13 0	-7 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1500	260 0	256 0	245 0	249 0	320 2	320 2	-13 0	-7 0	0 0	0 0	132 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1600	254 0	251 0	242 0	243 0	320 2	320 2	-13 0	-7 0	0 0	0 0	128 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1700	252 0	247 0	243 0	242 0	320 2	320 2	-11 0	-5 0	0 0	0 0	130 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1800	243 0	239 0	233 0	233 0	320 2	320 2	-11 0	-5 0	0 0	0 0	123 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
1900	229 0	225 0	222 0	224 0	320 2	320 2	-7 0	0 0	0 0	0 0	117 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2000	233 0	227 0	220 0	222 0	320 2	320 2	-11 0	-5 0	0 0	0 0	119 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2100	224 0	220 0	213 0	215 0	320 2	320 2	-9 0	-4 0	0 0	0 0	116 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2200	218 0	215 0	207 0	211 0	320 2	320 2	-9 0	-4 0	0 0	0 0	114 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2300	215 0	211 0	204 0	206 0	320 2	320 2	-11 0	-5 0	0 0	0 0	112 0	0 2	0 2	0 2	0 2	0 2	0 2	0 0
2400	0 2	0 2	0 2	0 2	320 2	320 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 0

STATUS CODE (3): 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 AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

INSTRUCTION OR PROCEDURE NO.: 12PMP3150PCP.001 REVISION NO.: 4 CHANGE SHEET NO.: 1

TITLE: RADIOACTIVE WASTE PROCESS CONTROL MANUAL PAGE 1 of 2

ORIGINATED BY: S. L. DANNHARDT	DATE: 9-12-85
MANAGEMENT STAFF: <i>John Tupper</i>	DATE: 9-13-85
SENIOR REACTOR OPERATOR: <i>C. E. Marple</i>	DATE: 9-13-85
Q.A. SUPERVISOR: <i>James H. Miller</i>	DATE: 9/20/85
PNSRC: <i>Mtg. #1793</i>	DATE: 9-19-85
PLANT MANAGER: <i>Barbara</i>	DATE: 9/24/85

PROCEDURE SUBC. *Carla Miller* EXPIRATION DATE: NA
DATE 9-19-85

DESCRIPTION OF CHANGE

Removed the procedure for the addition of grout to the liner when packaging the lower sections of the U-1 Control Rod Guide Tubes. A procedure for dewatering the liner has been added.

REASON(S) FOR CHANGE

The addition of grout is not required to meet the burial site stability requirements. The dewatering procedure was added to meet the burial site criteria of no free water in the package.

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace List of Effective Pages, Page 6 of 6 Rev. 4 with Page 6 of 6, Rev. 4, CS-1
Replace Appendix B Page 1 of 8, Rev. 4 with Appendix B, Page 1 of 3, Rev. 4, CS-1
Replace Appendix B Page 2 of 8, Rev. 4 with Appendix B, Page 2 of 3, Rev. 4, CS-1
Replace Appendix B Page 3 of 8, Rev. 4 with Appendix B, Page 3 of 3, Rev. 4, CS-1
Remove Appendix B Page 4 of 8, Rev. 4
Remove Appendix B Page 5 of 8, Rev. 4
Remove Appendix B Page 6 of 8, Rev. 4

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

CONTINUATION FORM

INSTRUCTION OR PROCEDURE NO.: 12PMP3150PCP.001 REVISION NO.: 4 CHANGE SHEET NO.: 1

PAGE 2 of 2

DESCRIPTION OF CHANGE (Continued)

Remove Appendix B Page 7 of 8, Rev. 4
Remove Appendix B Page 8 of 8, Rev. 4
Remove Appendix B-01 Page 1 of 1 Rev. 4
Remove Appendix B-02 Page 1 of 1 Rev. 4

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ATTACHMENT XXVIII

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APPENDIX B

Page 1 of 3

Revision 4, CS-1

Page 2 of 3

Revision 4, CS-1

Page 3 of 3

Revision 4, CS-1

Appendix B
Removal and Packaging of the
Control Rod Guide Tubes
for Disposal

1.0 PURPOSE

- 1.1 The following describes the equipment, processes and operations required to place the control rod guide tubes in the proper configuration for disposal as radioactive waste.

2.0 EQUIPMENT

- 2.1 U.S. DOT 7A Boxes - The upper sections of guide tubes are contaminated and have radiation levels of about 0.5-1.0 R/HR. Boxes are required to meet DOT Spec. 7A for transporting these sections. Absorbent material will be used to absorb any incidental amounts of water.
- 2.2 HN-200 Open Top Liner - The liner is designed to be transported in the HN-200 cask. It is also designed to accept up to 16 lower guide tube sections, which because of their high isotopic content and high radiation levels, require a Type B shipping cask for transportation.
- The liner has internal fixtures to hold each guide tube section in place so that sections can be nested to allow maximizing the number of sections per liner. The liner also has a dewatering standpipe to allow removal of water after the liner is filled. The liner comes with a bolt-on lid and lifting slings.
- 2.3 Liner Dewatering Pump - An air operated diaphragm pump is used to dewater the HN-200 liner after it is full of guide tube sections. The liner is filled with approximately 300 gallons of water prior to loading it with guide tube sections to provide shielding during the loading cycle (approximately four feet of water).

CS

3.0 OPERATION - UPPER GUIDE TUBE

- 3.1 Obtain a 7A box with shield insert installed and put $\frac{1}{2}$ "- 1" of absorbent material in the bottom.
- 3.2 Upper guide tube sections are grappled using the auxiliary building crane and the guide tube lift fixture. Each section is lifted bare from the fuel pool, suspended to allow it to drip dry and is then placed in the awaiting DOT Spec. 7A box.
- 3.3 Upper guide tube sections are placed into the box, laid down horizontally and are then covered with absorbent material.

When the DOT Spec. 7A box is full, it is closed and removed to a shielded van for shipment.

CS-1

CS-1

4.0 OPERATION - LOWER GUIDE TUBES

- 4.1 An HN-200 cask is staged in the truck bay and the lid is removed. An open top HN-200 liner is placed in the cask such that the dewatering standpipe is at the low point of the cask (i.e., depends on angle of flatbed trailer from horizontal).
- 4.2 Remove lift slings from liner and store slings in safe place for reuse.
- 4.3 Remove lid hold down nuts and liner lid using attached lift eye for lifting. Store nuts and liner lid in safe place for reuse.
- 4.4 Load Guide Tube Holding Frame into liner and center the frame so that it is concentric within the liner.
- 4.5 Attach dewatering hose to the dewatering standpipe. Place about 30-50 gallons of clean water in the liner. Operate the dewatering pump until suction is lost to ensure dewatering line is open and free of obstructions. Cap end of dewatering hose to prevent siphoning of the liner and tie the hose off to the side of the cask or another suitable location.
- 4.6 Fill liner to level 10" from the top liner flange with clean water.
- 4.7 Using Hittman supplied lead in device on holding frame, line up the transfer cask door with one of the holding frame tubes and load holding frame with guide tube sections.

CS-1

- 4.8 Install liner lid and tighten all closure nuts 1/2 - 1 turn after they are hard against lid. Bring liner dewatering hose through liner lid opening.
- 4.9 Install liner lift cables. Ensure safety clips are properly closed.
- 4.10 Remove HN-200 cask lid shield plug. Place dewatering hose end through shield plug opening, and place lid on cask. Pull dewatering hose through lid opening as lid is installed.
- 4.11 Uncap dewatering hose and connect to dewatering skid pump suction. Dewater liner until suction is lost. Continue to dewater for 15 minutes longer.
- 4.12 After dewatering, add 4 ft³ of vermiculite to liner through shield plug opening. Remove dewatering hose from liner hose and push liner hose into liner.
- 4.13 Install liner lid opening cover on liner.
- 4.14 Replace shield plug and ready cask for shipment.

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

INSTRUCTION OR PROCEDURE NO.: 12PMP3150 PCP.001 REVISION NO.: 4 CHANGE SHEET NO.: 2

TITLE: RADIOACTIVE WASTE PROCESS CONTROL MANUAL PAGE 1 of 1

ORIGINATED BY: <u>S. L. DANNHARDT</u>	DATE: <u>9-17-85</u>
MANAGEMENT STAFF: <u>John Fugate</u>	DATE: <u>17 SEPT 85</u>
SENIOR REACTOR OPERATOR: <u>C. E. Murphy</u>	DATE: <u>9-17-85</u>
Q.A. SUPERVISOR: <u>James H. Smith</u>	DATE: <u>9/20/85</u>
PNSRC: <u>mtg. # 1793</u>	DATE: <u>9-19-85</u>
PLANT MANAGER: <u>Ed Levenson</u>	DATE: <u>9/24/85</u>

EXPIRATION DATE: NA
DATE 9-18-85

DESCRIPTION OF CHANGE

Added tolerance values.

REASON(S) FOR CHANGE

To allow for minor measurement deviation.

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace List of Effective Pages, Page 6 of 6, Rev. 4, CS-1 with Rev. 4, CS-2

Replace Appendix B, Page 2 of 3, Rev. 4, CS-1 with Rev. 4, CS-2

Replace Appendix B, Page 3 of 3, Rev. 4, CS-1 with Rev. 4, CS-2

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Revision 4, CS-1

Page 2 of 3

Revision 4, CS-1, CS-2

Page 3 of 3

Revision 4, CS-1, CS-2

3.0 OPERATION - UPPER GUIDE TUBE

3.1 Obtain a 7A box with shield insert installed and put $\frac{1}{2}$ "- 1" of absorbent material in the bottom.

CS-1

3.2 Upper guide tube sections are grappled using the auxiliary building crane and the guide tube lift fixture. Each section is lifted bare from the fuel pool, suspended to allow it to drip dry and is then placed in the awaiting DOT Spec. 7A box.

3.3 Upper guide tube sections are placed into the box, laid down horizontally and are then covered with absorbent material.

When the DOT Spec. 7A box is full, it is closed and removed to a shielded van for shipment.

CS-1

4.0 OPERATION - LOWER GUIDE TUBES

4.1 An HN-200 cask is staged in the truck bay and the lid is removed. An open top HN-200 liner is placed in the cask such that the dewatering standpipe is at the low point of the cask (i.e., depends on angle of flatbed trailer from horizontal).

CS-1

4.2 Remove lift slings from liner and store slings in safe place for reuse.

4.3 Remove lid hold down nuts and liner lid using attached lift eye for lifting. Store nuts and liner lid in safe place for reuse.

4.4 Load Guide Tube Holding Frame into liner and center the frame so that it is concentric within the liner.

4.5 Attach dewatering hose to the dewatering standpipe. Place about 40 ± 10 gallons of clean water in the liner. Operate the dewatering pump until suction is lost to ensure dewatering line is open and free of obstructions. Cap end of dewatering hose to prevent siphoning of the liner and tie the hose off to the side of the cask or another suitable location.

CS-

4.6 Fill liner to level 10 ± 1 " from the top liner flange with clean water.

CS-

4.7 Using Hittman supplied lead in device on holding frame, line up the transfer cask door with one of the holding frame tubes and load holding frame with guide tube sections.

- 4.8 Install liner lid and tighten all closure nuts 1/2 - 1 turn after they are hard against lid. Bring liner dewatering hose through liner lid opening.
- 4.9 Install liner lift cables. Ensure safety clips are properly closed.
- 4.10 Remove HN-200 cask lid shield plug. Place dewatering hose end through shield plug opening, and place lid on cask. Pull dewatering hose through lid opening as lid is installed.
- 4.11 Uncap dewatering hose and connect to dewatering skid pump suction. Dewater liner until suction is lost. Continue to dewater for 30 ± 15 minutes longer.
- 4.12 After dewatering, add 4 ± 1 ft³ of vermiculite to liner through shield plug opening. Remove dewatering hose from liner hose and push liner hose into liner.
- 4.13 Install liner lid opening cover on liner.
- 4.14 Replace shield plug and ready cask for shipment.

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

INSTRUCTION OR PROCEDURE NO.: 12PMP3150PCP.001 REVISION NO.: 4 CHANGE SHEET NO.: 3

TITLE: Radioactive Waste Process Control Manual PAGE 1 of 2

ORIGINATED BY: <u>K. D. Cunningham</u>	DATE: <u>10-8-85</u>
MANAGEMENT STAFF: <u>John T...</u>	DATE: <u>10-10-85</u>
SENIOR REACTOR OPERATOR: <u>Don Draper</u>	DATE: <u>10-10-85</u>
Q.A. SUPERVISOR: <u>Tam...</u>	DATE: <u>10/18/85</u>
PNSRC: <u>#1812</u>	DATE: <u>10-17-85</u>
PLANT MANAGER: <u>W. H. Smith</u>	DATE: <u>10/22/85</u>

PROCEDURE SUG. James M. Tayler DATE 10-16-85 EXPIRATION DATE: N/A

DESCRIPTION OF CHANGE

To update the method of prior notification of radioactive shipments departing
D. C. Cook Plant

Clarification of the annual radioactive waste training requirement.

REASON(S) FOR CHANGE

Letter from James M. Tayler, F/Lieutenant, Pre-Disaster Service Section
Michigan State Police to Mr. Tim Harshbarger, A.E.P. (Copy attached)

Response to QA-85-12

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace List of Effective Pages, Page 1 of 6 Rev. 4 with Rev. 4, CS-3

Replace List of Effective Pages, Page 2 of 6 Rev. 4 with Rev. 4, CS-3

Replace List of Effective Pages, Page 4 of 6 Rev. 4 with Rev. 4, CS-3

Replace Page 3 of 29 Rev. 4 with Rev. 4, CS-3

Replace Page 23 of 29 Rev. 4 with Rev. 4, CS-3

Replace Page 24 of 29 Rev. 4 with Rev. 4, CS-3

Replace Page 26 of 29 Rev. 4 with Rev. 4, CS-3

Replace Page 29 of 29 Rev. 4 with Rev. 4, CS-3

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

CONTINUATION FORM

INSTRUCTION OR PROCEDURE NO.: 12PMP3150PCP.001 REVISION NO.: 4 CHANGE SHEET NO.: 3

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DESCRIPTION OF CHANGE (Continued)

Replace Attachment XIII, Rev. 4 with Rev. 4, CS-3

Replace Attachment XVIII, ^{Pg 1 of 2 (JRS)} Rev. 4 with Rev. 4, CS-3, Page 1 of 2

Replace Attachment XVIII, ^{Pg 2 of 2 (JRS)} Rev. 4 with Rev. 4, CS-3, Page 2 of 2

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<u>ATTACHMENT XVI</u>	
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<u>ATTACHMENT XVIII</u>	
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<u>ATTACHMENT XIX</u>	
Page 1 of 1	Revision 4

- 3.5 No Type B fissile class radioactive material shipments shall be made without an approved procedure for fissile class Type B shipments.
- 3.6 The use of temporary shielding (such as metal shoring or lead sheets) banded or attached to the package so as to conform to applicable regulatory limits for external radiation is not authorized unless it is specifically provided for in the Certificate of Compliance issued by the NRC.
- 3.7 Resin shipped off-site for Burial shall not exceed 10 ci/cu. ft.

4.0 CHECK OFF AND INFORMATION SHEETS

Attachment I	Truck/Trailer Inspection Check-Off Sheet	
Attachment II	Cement Solidification Verification Log	
Attachment III	Cement Waste Solidification Data Sheet	
Attachment IV	Solidification Data Tables	
Attachment V	Waste Management Simple Flow Diagram	
Attachment VI	Responsibilities by Waste Type	
Attachment VII	U.S. Ecology, Inc. Radioactive Shipping Record	
Attachment VIII	Chem Nuclear Systems, Inc., Radioactive Shipping Record	
Attachment IX	Washington Low Level Radioactive Waste Shipment Certification	
Attachment X	Nevada Low Level Radioactive Waste Shipment Certification	
Attachment XI	Nevada Certification	
Attachment XII	Instructions to Drivers of Exclusive Use Vehicles	
Attachment XIII	Michigan Public Health/Indiana State Police Notification Forms	CS-3
Attachment XIV	Radioactive Waste Truck Radiation/Contamination Survey	

Day of shipment, prior to departure

Verbally notify burial site being shipped to and transmit a copy of the 10CFR 20.311 Manifest. For shipments to the Barnwell Site, the route through South Carolina must be given.

Barnwell Burial Site - 803-259-3577
Chem-Nuclear - 803-259-3578
Systems, Inc.

Beatty Burial Site - 702-553-2203
U.S. Ecology, Inc.

Richland Burial Site - 509-377-2411

If there are any changes in the Prior Notification and Manifest for the Barnwell Site, the State of South Carolina must be notified in addition to the Burial Site.

State of S. C. - 803-758-7806

Notification to the Michigan Public Health must be given prior to shipment. (See Attachment XIII)

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Michigan Public Health (Nuclear Facility Secretary)
517-373-1578

Indiana State Police (Operations) 317-232-8248

CS-3.

G. SHIPPING

All shipping of radioactive materials for burial or for other reasons are required by procedure to comply with all NRC and DOT regulations. All packaging in the above steps of this program are designed to insure compliance with all the appropriate regulations. The following procedures are used to insure and/or verify compliance with the regulations.

PMI 3150 Receipt And Shipment Of Radioactive Materials.

12 THP 6010 RAD.304 Shipment Of Radioactive Materials

12 THP 6040 PER.467 Cask Handling

The following will be the order in which the Radioactive Shipment Manifests (RSM) are to be completed prior to any forms being distributed to the respective personnel.

1. Completion of shipping records
2. RP Supervisor for signature on survey (Attachment XIV)
3. Environmental Section for signature and correction check on RSM forms.
4. Carrier for signature
5. Three (3) copies of the Chem Nuclear (RSM), and U.S. Ecology, Inc. (RSM) are to be made.

Distribution As Follows:

The originals of the Shipping Papers will go to the following personnel, with copies also listed:

D. C. COOK NUCLEAR PLANT

Michigan Public Health/Indiana State Police Notification Form

CS-3

Radioactive Waste Shipment Notification Form

Radioactive Waste Shipment Checkoff Sheet

Truck/Trailer Inspection Check-Off Sheet

Original To Environmental Section

Demineralizer Resin Calculation Sheet

Original To Driver

1 Copy To Environmental

Certification Statement For Disposal of Radlok High Integrity Containers

Original To Driver

1 Copy To Environmental

BARNWELL WASTE MANAGEMENT FACILITY - RSM

2 White Originals To Driver

White Original To Environmental Section

1 Copy To Stores

1 Copy To RP Section

1 Copy To HNDC

STATE OF S. C. PN&M AND CERTIFICATION FORMS

3 Copies South Carolina Prior Notification and Manifest Form to Driver

1 Copy South Carolina Prior Notification and Manifest Form to Environmental Section

Original South Carolina Radioactive Waste Shipment Certification Form to Driver

1 Copy South Carolina Radioactive Waste Shipment Certification Form to Environmental Section

DRIVER OF TRANSPORT VEHICLE

Original	Hittman Nuclear & Development Corp. Driver Instructions for Maintenance of Exclusive Use Shipment Controls
Original	Washington Low Level Radioactive Waste Shipment Certification
2 White Originals	Barnwell Waste Management Facility (RSM)
*1 Copy	Resin Gamma Spectrum Printout
2 White Disposal Site Copies	U.S. Ecology, Inc. (RSM)
1 Carrier Copy	U.S. Ecology, Inc. (RSM)
Original	Nevada Low Level Radioactive Waste Shipment Certification
Original	Demineralizer Resin Calculation Sheet
Original	Nevada Certification
3 Copies	South Carolina Prior Notification and Manifest Form
1 Copy	South Carolina Radioactive Waste Shipment Certification
1 Copy	Radioactive Waste Truck Radiation/ Contamination Survey
Original	Certification Statement For Disposal of Radlok High Integrity Containers

NOTE: The driver of the transport vehicle will be given two or more extra placards/placard holders for replacement purposes if any of the affixed placards become lost or damaged during transit. For transport vehicles which the placard holder is permanently affixed on all four (4) sides, extra placards will not need to be given to the driver.

ENVIRONMENTAL SECTION

White Original	Barnwell Waste Management Facility (RSM)
Original	Michigan Public Health/Indiana State Police Notification Form
Original	Radioactive Waste Shipment Notification Form
Original	Radioactive Waste Shipment Checkoff Sheet
Copy	Radiation/Contamination Truck Survey
*Copy	Resin Gamma Spectrum Printout
Customer Copy	U.S. Ecology, Inc. (RSM)
Copy	Nevada Low Level Radioactive Waste Shipment Certification
Copy	Nevada Certification
Copy	Washington Low Level Radioactive Waste Shipment Certification
Copy	South Carolina Prior Notification and Manifest Form
Copy	South Carolina Radioactive Waste Shipment Certification
Original	Truck/Trailer Inspection Check-Off Sheet
*Copy	Demineralizer Resin Calculation Sheet
Copy	Certification Statement For Disposal of Radlok High Integrity Containers.

*Only when resin is being shipped. A gamma spectrum printout and a Demineralizer Resin calculation sheet must be provided for each package containing resin being shipped.

J. TRAINING

Personnel who routinely handle and ship radioactive waste (see Attachment VI) will be trained at least once per calender year on the current regulations (see References Section) and the plant instructions and procedures which apply to Waste Handling.

CS-3

MICHIGAN PUBLIC HEALTH/INDIANA STATE POLICE NOTIFICATION FORM

- A. CARRIER'S NAME _____
- B. COLOR AND NUMBER OF CAB
(IND. ONLY) LICENSE NO:
AND STATE _____
- C. COLOR, NUMBER, AND
LENGTH OF TRAILER
(IND. ONLY) LICENSE NO.
AND STATE _____
- D. ROUTE FROM PLANT THROUGH
MICHIGAN AND INDIANA _____
- E. TYPE AND DESCRIPTION
OF CONTAINER _____
- F. DESCRIPTION OF SHIPMENT _____
- G. TOTAL CURIE CONTENT OF
SHIPMENT _____
- H. MAXIMUM RADIATION LEVEL
IN MR/HR AT 2 METERS FROM
TRAILER _____
- I. TIME AND DATE OF SHIPMENT _____
- J. COMPANY NAME I & M Electric Co. D. C. Cook Plant
Bridgman, MI.
- K. YOUR NAME _____

RADIOACTIVE WASTE SHIPMENT
CHECK OFF SHEET

Prior to Shipment Date

Shipment No. _____

Allocation No. _____

Prior Notification Forms Mailed/Telecopied

Requirement: Received by South Carolina DHEC and CNSI VAP/PNP
Department 72 hours prior to shipment entering South
Carolina.

Date

Initial

Barnwell
South Carolina

Prior Notification Given (Mail)

Requirement: At least seven days prior to date of shipment.

State

Date

Initial

Michigan - DPH

Shipment Schedule Arranged - Transportation (Telephone/Mail)

Requirement: When shipping schedule has been determined with
applicable Burial Site.

Date

Initial

HNDC Personnel Contacted

Shipment Schedule Followup (Mail)

Date of Shipment

Michigan Public Health Notification

CS-3

Requirement: Prior to shipment departure.

CS-3

Date

Time

Personnel Contacted

Initial

CS-3

Burial Site Notification

Requirement: To be given when shipment departs plant site.

Date

Time

Personnel Contacted

Site

Initial

Barnwell
Beatty
Richland

State Notification

Requirement: Notification given only if there is a change in the PN&M Form.

<u>Date</u>	<u>Time</u>	<u>Personnel Contacted</u>	<u>State</u>	<u>Initial</u>
			South Carolina	

Indiana State Police Notification

Requirement: Prior to Shipment Departure

CS-3

<u>Date</u>	<u>Time</u>	<u>Personnel Contacted</u>	<u>Initial</u>
-------------	-------------	----------------------------	----------------

Radioactive Shipment Record (RSM) Check For Completeness

Requirement: Thorough check of every column on RSM for proper wording and correct information.

<u>Date</u>	<u>Time</u>	<u>RSM</u>	<u>Initial</u>
-------------	-------------	------------	----------------

Chem-Nuclear
U.S. Ecology, Inc.

Vehicle/Package Check

<u>Date</u>	<u>Time</u>	<u>Vehicle</u>	<u>Initial</u>	<u>Package</u>	<u>Initial</u>
-------------	-------------	----------------	----------------	----------------	----------------

Placarded
Surveyed

Labeled
Sealed
Surveyed

Transmittal of RSM to Burial Site

Requirement: At time of shipment.

<u>Date</u>	<u>Time</u>	<u>Site</u>	<u>Initial</u>
-------------	-------------	-------------	----------------

Acknowledgement of Shipment

Requirement: Within seven (7) days after the estimated time of arrival at the designated Burial site: If acknowledgement of the shipment has not been received initiate the requirements of 10 CFR 20.311.

Site Receipt

Date

Site Representative

Barnwell
Beatty
Richland

Plant Receipt Date

Initial

P.S.

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEETINSTRUCTION OR PROCEDURE NO.: 12 PMP 3150PCP001 REVISION NO.: 4 CHANGE SHEET NO.: 4TITLE: RADIOACTIVE WASTE PROCESS CONTROL MANUAL PAGE 1 of 1

ORIGINATED BY: <u>John Tugan</u>	UNCONTROLLED DOCUMENT	DATE: <u>28 OCT 1985</u>
MANAGEMENT STAFF: <u>John Tugan</u>		DATE: <u>10/28/85</u>
SENIOR REACTOR OPERATOR: <u>Don Ingram</u>		DATE: <u>10/28/85</u>
Q.A. SUPERVISOR: <u>M L L</u>		DATE: <u>11/4/85</u>
PNSRC: <u>mtg. # 1820</u>		DATE: <u>10/31/85</u>
PLANT MANAGER: <u>W. J. Sumner</u>		DATE: <u>11/5/85</u>

PROCEDURE 5329 DKW/ehw EXPIRATION DATE: N/A
DATE 10-30-1985DESCRIPTION OF CHANGE

Specifically exclude the use of absorbents in drums used for high rad filters.

Added note to Section C, Noncompressible waste filters Page 13 of 29

2) Added verification of no absorbent material to Step 2 of Attachment XX

REASON(S) FOR CHANGE

Absorbent material is specifically excluded for use in high radiation filter drums.

IE Inspection Report 50-315/85024, 50-316/85024

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace the following pages as indicated:

List of Effective Pages, Page 1 of 6, Rev. 4, CS-3 with Page 1 of 6 Rev. 4, CS-4.

Page 5 of 6, Rev. 4, with Page 5 of 6 Rev. 4, CS-4.

Page 13 of 29, Rev. 4 with Page 13 of 29, Rev. 4, CS -4

Attachment XX Page 1 of 1, Rev. 4 with Attachment XX, Rev. 4, CS-4

LIST OF EFFECTIVE PAGES

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Page 1 of 1	Revision 4
<u>ATTACHMENT XXII</u>	
Page 1 of 1	Revision 4
<u>ATTACHMENT XXIII</u>	
Page 1 of 6	Revision 4
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<u>ATTACHMENT XXIV</u>	
Page 1 of 1	Revision 4
<u>ATTACHMENT XXV</u>	
Page 1 of 1	Revision 4
<u>ATTACHMENT XXVI</u>	
Page 1 of 1	Revision 4

C. Noncompressible Waste-Filters

All liquid process type filters should be removed by the specific individual filters change procedure (See Attachment VI, page 5 of 5) and transported to the Drumming Room. To ensure adequate drain time for removal of free standing liquid, filters must be drained as follows:

<u>Volume(cc)</u>	<u>Filter</u>	<u>Type</u>	<u>Minimum Drain Time</u>	<u>Wt.(gm)</u>
1.67 E+4	Reactor Coolant	double-stage stainless steel pleated paper	15 minutes	7.72 E+3
8.44 E+3	Seal Water Injection	single-stage stainless steel pleated paper	15 minutes (10*)	4.20 E+3
1.67 E+4	Spent Fuel Pit	double-stage stainless steel pleated paper	15 minutes	8.17 E+3
1.67 E+4	Spent Fuel Pit Skimmer	double-stage stainless steel pleated paper	15 minutes	8.17 E+3
1.67 E+4	Refueling Water Purification	double-stage stainless steel pleated paper	15 minutes	8.17 E+3
1.67 E+4	Seal Water Return	double-stage stainless steel pleated paper	15 minutes	7.26 E+3
8.44 E+3	CVCS Ion Exchange	single-stage stainless steel pleated paper	15 minutes (10*)	3.97 E+3
8.44 E+3	B.A. Evaporator Concentrates & Condensate	single-stage stainless steel pleated paper	15 minutes (10*)	3.97 E+3
2.58 E+3	Boric Acid	30" cloth wrapped	15 minutes	5.68 E+2
2.58 E+3	Waste Evaporator Feed and Condensate	30" cloth wrapped	15 minutes	5.68 E+2
1.56 E+3	Temporary-Reactor	20" cloth wrapped	15 minutes (10*)	3.41 E+2
7.29 E+2	Cavity and Spent Fuel Pit	10" cloth wrapped	15 minutes (5*)	1.14 E+2
1.39 E+4	UWV 250 Temporary	30" stainless steel pleated paper	120 minutes	1.48 E+3

NOTE: Drums used for high radiation filters shall be inspected prior to use to insure that drum contains no absorbent material. Place all drums in storage area per 12 THP 6010 RAD.303: Solid Waste Handling and Drumming. CS-4

* Minimum drain time determined by testing. For proper documentation required during filter changes, see Attachment XX.

FILTER CHANGE SIGN-OFF SHEET

NOTE: The time period between Step 1 and Step 2 must be greater than or equal to 15 minutes.

OPERATIONS

DATE / TIME / BY

STEP 1: Filter-Vented and Drained (Clearance hung). Place this form on RWP Paper at job site. _____/_____/_____

MAINTENANCE

STEP 2: Verify drum contains no absorbent material
Remove Filter, Transport to 587' Drumming Room and place in Drum (time filter removed from housing). _____/_____/_____ CS-4

NOTE: Filter must not have a continuous flow of water coming from it. It should only be dripping.

CAUTION: Use extreme care, when placing the filter into the receiving barrel to avoid spreading contamination.

STEP 2 time minus STEP 1 time =

Total Drain Time _____ Minutes _____/_____/_____

Maintenance personnel should give form to RP personnel covering the job.

RADIATION PROTECTION

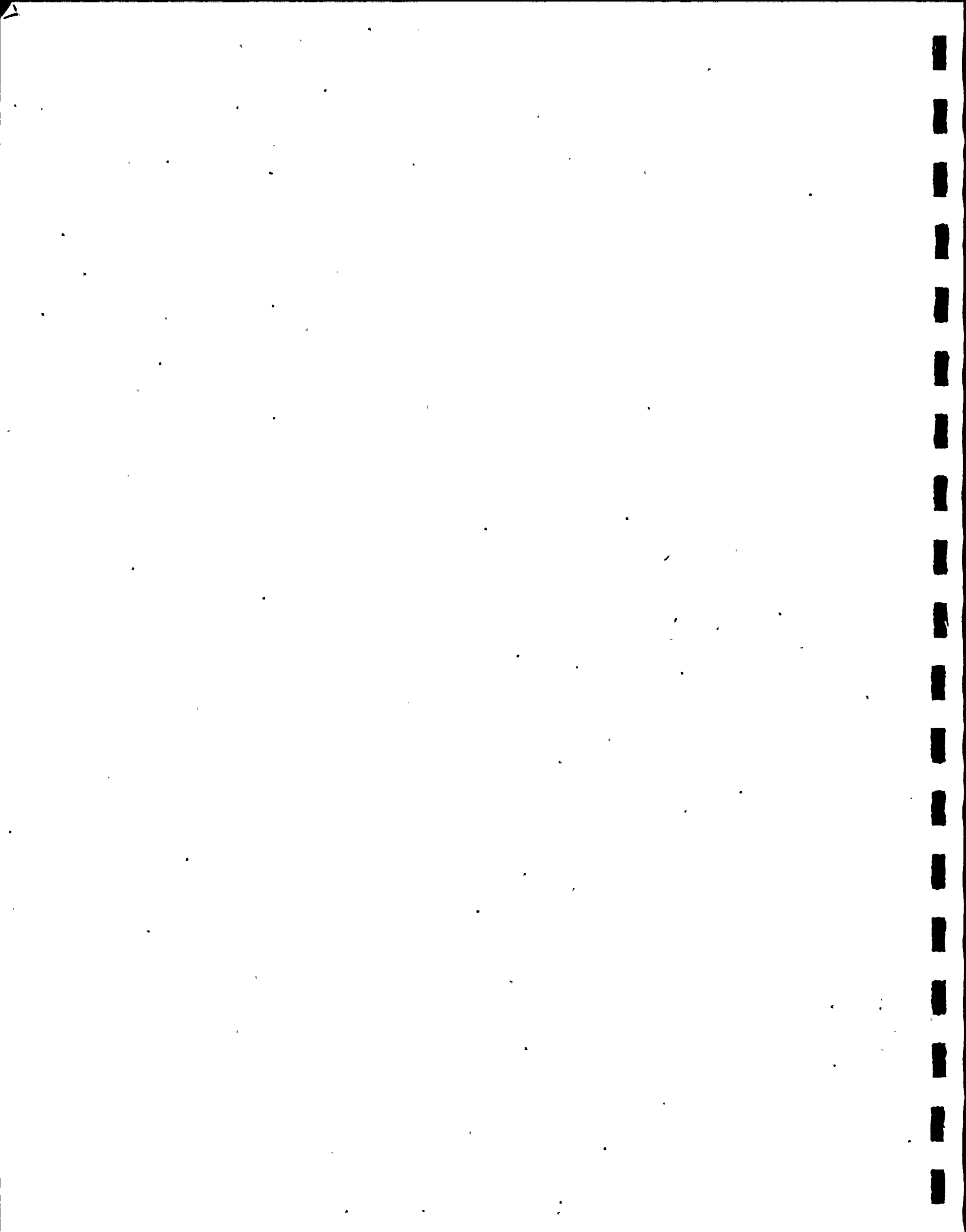
Filter _____ Drum Location _____

Filter type _____ Contact Rad. Reading _____

Drum Number _____ 1m Radiation Reading _____

_____/_____/_____

After completion of this sheet, RP should forward to the Environmental Section.



APPENDIX 4

OFFSITE DOSE CALCULATION MANUAL
(ODCM) CHANGES

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.: 0 CHANGE SHEET NO.: 4

TITLE: OFF SITE DOSE CALCULATION MANUAL

PAGE 1 of 1

ORIGINATED BY: David C. Palmer

DATE: 9 July 1985

MANAGEMENT STAFF: May A. Clisngan

DATE: 9 July 1985

SENIOR REACTOR OPERATOR: RM Vonk

DATE: 7-10-85

Q.A. SUPERVISOR: M R

DATE: 7/14/85

PNSRC: Mty # 1758

DATE: 7-11-85

PLANT MANAGER: W. A. Smith

DATE: 7/11/85

EXPIRATION DATE: NA

APPROVING SIGNATURE: May M. Hall DATE: 7-10-85

DESCRIPTION OF CHANGE

To the section on calculation of liquid effluent monitor alarm setpoints add provisions to allow establishing MRP's by means other than that given in the ODCM and add provisions to allow calculating weighted average MPC for a specific mixture rather as an option to using an unidentified mixture (MRP = MULTIPLE RELEASE PATH)

REASON(S) FOR CHANGE

Add needed flexibility to methods to calculate liquid effluent alarm setpoints

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace the following pages as indicated:

List of Effective Pages, Page 1 of 6, Rev. 0, CS-1, CS-2 with Page 1 of 6, Rev. 0, CS-1, CS-2, CS-4

Page 9 of 34, Revision 0 with Revision 0, CS-4

Page 12 of 34, Revision 0 with Pages 12 and 12A of 34, Revision 0, CS-4

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Page 6 of 34	Revision 0, 11-20-84
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Page 9 of 34	Revision 0, CS-4
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Page 15 of 34	Revision 0, 11-20-84
Page 16 of 34	Revision 0, 11-20-84
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Page 19 of 34	Revision 0, CS-2
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Page 20 of 34	Revision 0, 11-20-84
Page 21 of 34	Revision 0, 11-20-84
Page 22 of 34	Revision 0, 11-20-84
Page 23 of 34	Revision 0, CS-2
Page 24 of 34	Revision 0, CS-1, CS-2

Since $f < F$, equation (I-1) can be rewritten as follows, to obtain the minimum required dilution flow rate for any discharge:

$$F \geq \frac{cf}{C} \quad (I-2)$$

Substituting C_i , the tank concentration radionuclide i , for c , and MPC_i , maximum permissible concentration radionuclide i , for C , in equation (I-2), when $\frac{C_i}{MPC_i} > 1$ yields:

$$F \geq \sum \frac{C_i}{MPC_i} f \quad (I-3)$$

Since the value of f is assumed fixed, i.e., maximizes the effluent flowrate, for each discharge line, the alarm setpoint, c , using the following equation (I-4) is computed with the derived value of F , as defined by equation (I-3).

$$c \leq \frac{CF}{F} (SF) (MRP) \quad (I-4)$$

Where:

SF = an administrative operation safety factor, < 1.0 (established by Plant Radiation Protection Supervisor in specific effluent release procedures upon evaluation of each effluent pathway's parameters).

MRP = a weighed multiple release point factor, < 1.0 , such that when all site releases are integrated, the applicable MPC will not be exceeded. That is, the sum of the MRP's for all liquid effluent monitors is less than or equal to 1. The MRP for each of the effluent release points will be assigned based on operational performance or computed as follows:

CS-4

- 1) Compute $(\sum \frac{C_i}{MPC_i})_j$ for each diluted effluent stream, j , discharged into the environment.
- 2) Compute $(\sum \frac{C_i}{MPC_i})_T$ for all diluted effluent stream, T , discharged into the environment.

C = the effluent concentration limit 10 CFR 20 for the site, in $\mu\text{Ci/ml}$. The value of C may be calculated as a weighted average MPC based on a specified radionuclide mixture and the following formula:

$$C = \frac{\sum C_i}{\sum \frac{C_i}{\text{MPC}_i}}$$

CS-4

Where C_i is the concentration of radionuclide i and MPC_i is the value for the MPC of radionuclide i as found in 10CFR20, Appendix B, Table II. Col. 2. If no radionuclide mixture is identified and documented, the value of C is taken as $1.0 \times 10^{-7} \mu\text{Ci/ml}$ if it is known that I-129, Ra-226 and Ra-228 are not present. See Note b, Table II, column 2, Appendix B, of 10 CFR 20.

f_{SGBD} = the S/G Blowdown effluent flow rate at the radiation monitor, in gpm. Information Sheet 3.6 presents the S/G Blowdown effluent flow rate under normal operation.

F = the dilution rate as estimated prior to the release point in gpm and which varies as a function of the number of operating circulating water pumps. For the S/G Blowdown system, no additional dilution credit is being taken for the S/G blowdown discharge. Information Sheet 3.6 presents the dilution flow rate parameters for each unit.

For the purpose of transposing the alarm setpoint, c, in $\mu\text{Ci/ml}$ to its corresponding monitor count rate, in cpm, the radiation monitor calibration curve R-19 (Tag No. DRA-300) shown in Information Sheet 3.13 will be used.

In the event of alarm trip, the S/G Blowdown System will be isolated. If releases are then planned through the S/G Blowdown Treatment System, refer to b) below for the alarm setpoint determination of the S/G Blowdown Treatment System radiation monitor R-24 (Tag No. DRA-353).

b) Steam Generator Blowdown Treatment System (SGBDT)

The radioactive concentration of the S/G Blowdown System effluent lines during the use of the normal blowdown flash tank (Unit 1 or 2) shall be monitored by their respective radiation monitors R-24 (Tag No. DRA-353). Using Equation (I-8), the alarm setpoints will be established as follows:

INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

PMP 6010.OSD.001

INSTRUCTION OR PROCEDURE NO.: _____ REVISION NO.: 0 CHANGE SHEET NO.: 5TITLE: OFF SITE DOSE CALCULATION MANUALPAGE 1 of 1

ORIGINATED BY: Sam R. K... DATE: 10/21/85
 MANAGEMENT STAFF: Dale M. Pett... **UNCONTROLLED** DATE: 2 OCT 85
 SENIOR REACTOR OPERATOR: RM Vonk **DOCUMENT** DATE: 10/3/85
 Q.A. SUPERVISOR: M L KA DATE: 10/11/85
 PNSRC: Mtg # 1806 DATE: 10/10/85
 PLANT MANAGER: Bar... DATE: 10/16/85

PROCEDURE SUBC. Calc / mll DATE 10-1-85 EXPIRATION DATE: N/A

DESCRIPTION OF CHANGE

- ① Change the flow rate values for steam generator blowdown and blowdown treatment systems in Information Sheet 3.6. ② Replace Information Sheet 3.12 with corrected graph as in 12 THP 6010.RAD.332 procedure.

REASON(S) FOR CHANGE

- ① To agree with system description values as supplied by Nuclear Division - AEPSC. ② Also to correct a graphic error matching with other RAD procedure.

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace the following pages as indicated:

List of Effective Pages, Page 2 of 6, Rev. 0, CS-2, CS-3 with

Rev. 0, CS-2, CS-3, CS-5

Page 3 of 6, Rev. 0, CS-2 with Rev. 0, CS-2, CS-5

Information Sheet 3.6, Page 1 of 1, Rev. 0 with Rev. 0, CS-5

Information Sheet 3.12, Page 1 of 1, Rev. 0 with Rev. 0, CS-5

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Revision 0, CS-2

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INFORMATION SHEET 3.1

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INFORMATION SHEET 3.2

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INFORMATION SHEET 3.4

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INFORMATION SHEET 3.5

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Revision 0, CS-5

INFORMATION SHEET 3.7

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INFORMATION SHEET 3.8

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INFORMATION SHEET 3.10

Page 1 of 2

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INFORMATION SHEET 3.11

Page 1 of 1

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INFORMATION SHEET 3.12

Page 1 of 1

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INFORMATION SHEET 3.13

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INFORMATION SHEET 3.14

Page 1 of 1

Revision 0, 11-20-84

INFORMATION SHEET 3.15

Page 1 of 1

Revision 0, 11-20-84

INFORMATION SHEET 3.16

Page 1 of 2

Revision 0, 11-20-84

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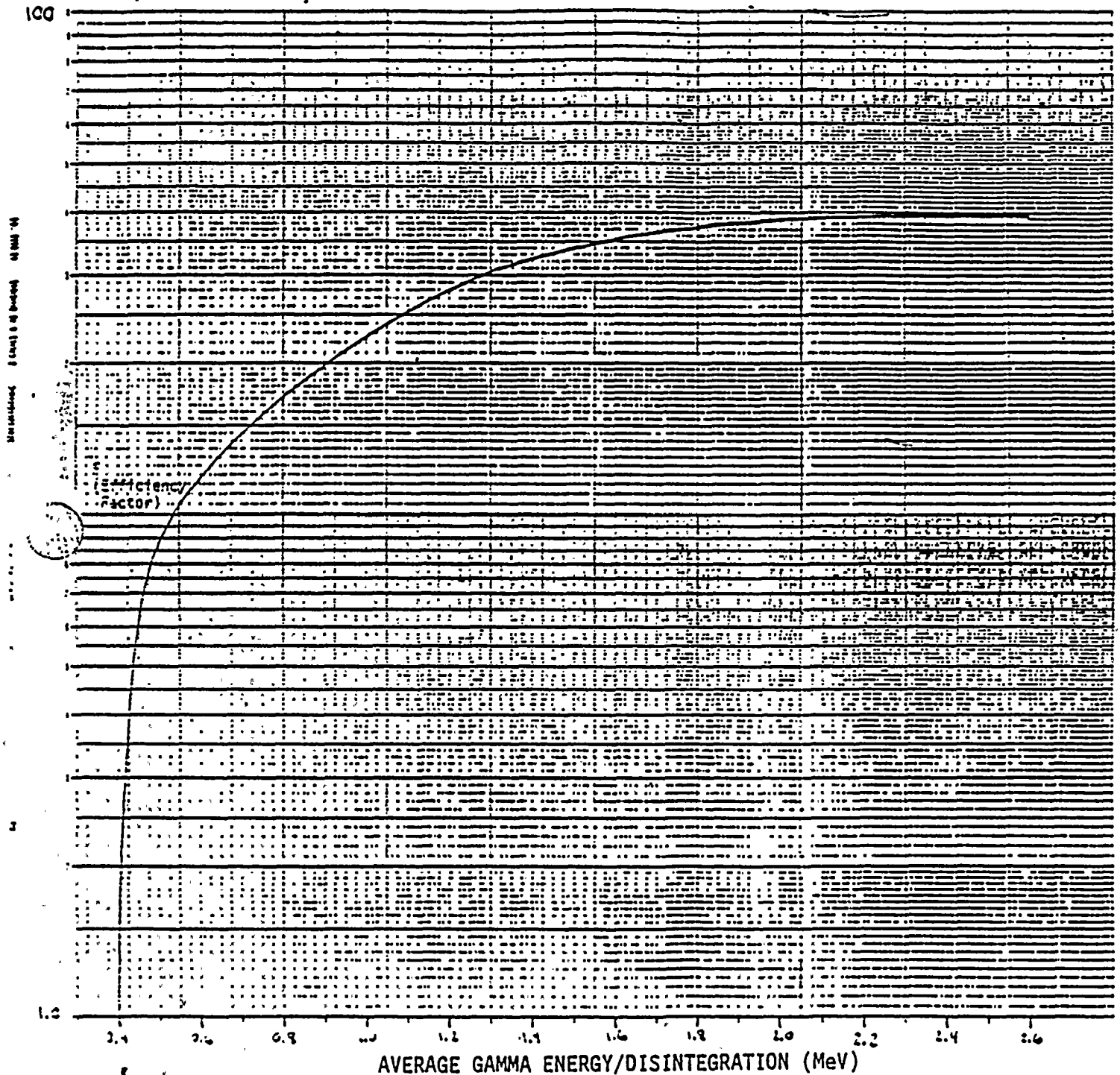
Revision 0, 11-20-84

PLANT LIQUID EFFLUENT PARAMETERS

SYSTEM	COMPONENTS		CAPACITY (EACH)	FLOW RATE (EACH)
	TANKS	PUMPS		
I <u>Waste Disposal System</u>				
+ Chemical Drain Tank	1	1	600 GAL.	20 GPM
+ Laundry & Hot Shower Tanks	2	1	600 GAL.	20 GPM
+ Monitor Tanks	2	2	21,600 GAL.	150 GPM
+ Waste Holdup Tanks	2		25,000 GAL.	
+ Waste-Evaporators	1			30 GPM OR 15 GPM
+ Waste Evaporator Condensate Tanks	2	2	6,450 GAL.	150 GPM
II <u>Steam Generator Blowdown and Blowdown Treatment Systems</u>				
+ Start-up Flash Tank (Vented)	1		1,800 GAL.	500 GPM
+ Normal Flash Tank (Not Vented)	1		525 GAL.	100 GPM
+ Blowdown Treatment Pump		1		60 GPM
+ Blowdown Heat Exchanger (One)				60 GPM
+ Demineralizers (Three)				60 GPM
III <u>Essential Service Water System</u>				
+ Water Pumps	4			10,000 GPM
+ Heat Exchanger Valve (One)*				3,300 GPM
IV <u>Circulating Water Pumps</u>				
		3 (Unit 1)		
		4 (Unit 2)		230,000 GPM

CS-5

*NOTE: This is an automatic throttle position, may be adjusted as required.



INDIANA AND MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
INSTRUCTION AND PROCEDURE CHANGE SHEET

PMP 6010.OSD.001

INSTRUCTION OR PROCEDURE NO.: _____ REVISION NO.: 0 CHANGE SHEET NO.: 6TITLE: OFF SITE DOSE CALCULATION MANUAL PAGE 1 of 1

ORIGINATED BY: <u>Sam R. Kell</u>	DATE: <u>11/12/85</u>
MANAGEMENT STAFF: <u>D. M. Allen</u>	DATE: <u>11/12/85</u>
SENIOR REACTOR OPERATOR: <u>J. M. Draper</u>	DATE: <u>11-22-85</u>
Q.A. SUPERVISOR: <u>J. M. McEligott</u>	DATE: <u>11/15/85</u>
PNSRC: <u>MTG #1838</u>	DATE: <u>11-21-85</u>
PLANT MANAGER: <u>W. J. Smith</u>	DATE: <u>11/22/85</u>

**UNCONTROLLED
DOCUMENT**

EXPIRATION DATE: N/A

APPROVED BY: M. R. Hardy DATE: 11/13/85

DESCRIPTION OF CHANGE

Change of dilution flow rate for steam generator blowdown to be varied as a function of the number of operating circulating water pumps from both units instead of those from one unit only. Correct the effluent flow rate (fSGBD) value as per change sheet CS-5.

REASON(S) FOR CHANGE

To use the design capability from both units total number of operating circulating pumps for liquid setpoint calculations. The effluent flow rate value was corrected by change sheet CS-5 but was not incorporated in page 15 of 34.

INSTRUCTIONS FOR INCORPORATING CHANGE

Replace the following pages as indicated:

List of Effective Pages, Page 1 of 6, Rev. 0, CS-1, CS-2, CS-4 with

Page 1 of 6, Rev. 0, CS-1, CS-2, CS-4, CS-6

Page 12 of 34, Rev. 0, CS-4 with Page 12 of 34, Rev. 0, CS-4, CS-6

Page 15 of 34, Rev. 0 with Page 15 of 34, Rev. 0, CS-6

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Page 7 of 34	Revision 0, 11-20-84
Page 8 of 34	Revision 0, 11-20-84
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Page 10 of 34	Revision 0, 11-20-84
Page 11 of 34	Revision 0, 11-20-84
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Page 19 of 34	Revision 0, CS-2
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Page 23 of 34	Revision 0, CS-2
Page 24 of 34	Revision 0, CS-1, CS-2

C = the effluent concentration limit 10 CFR 20 for the site, in $\mu\text{Ci/ml}$. The value of C may be calculated as a weighted average MPC based on a specified radionuclide mixture and the following formula:

$$C = \frac{\sum C_i}{\sum \frac{C_i}{\text{MPC}_i}}$$

CS-4

Where C_i is the concentration of radionuclide i and MPC_i is the value for the MPC of radionuclide i as found in 10CFR20, Appendix B, Table II. Col. 2. If no radionuclide mixture is identified and documented, the value of C is taken as $1.0 \times 10^{-7} \mu\text{Ci/ml}$ if it is known that I-129, Ra-226 and Ra-228 are not present. See Note b, Table II, column 2, Appendix B, of 10 CFR 20.

f_{SGBD} = the S/G Blowdown effluent flow rate at the radiation monitor, in gpm. Information Sheet 3.6 presents the S/G Blowdown effluent flow rate under normal operation.

F = the dilution rate as estimated prior to the release point in gpm and which varies as a function of the number of operating circulating water pumps from both units. For the S/G Blowdown system, no additional dilution credit is being taken for the S/G blowdown discharge. Information Sheet 3.6 presents the dilution flow rate parameters for both units.

CS-6

CS-6

For the purpose of transposing the alarm setpoint, c, in $\mu\text{Ci/ml}$ to its corresponding monitor count rate, in cpm, the radiation monitor calibration curve R-19 (Tag No. DRA-300) shown in Information Sheet 3.13 will be used.

where:

D_o = the cumulative dose commitment to the total body or any organ, o, from the liquid effluents for the total time period Δt , in mrem.

Δt_1 = the length of the 1th time period over which C_{i1} and F_1 are averaged for all liquid releases, in hours.

C_{i1} = the average concentration of radio-nuclide, i, period t_1 , from any liquid release, in $\mu\text{Ci/ml}$.

A_{io} = the site related ingestion dose commitment factor to the whole body or any organ, o, for each identified principal gamma and beta emitter listed in RETS Table 4.11-1 in mRem/hr per $\mu\text{Ci/ml}$.

F_1 = the near Field average dilution Factor for C_{i1} during any liquid effluent release. Defined in 4.4.2.

4.4.2

Dilution Factor Determination

The near Field average dilution factor for C_{i1} is defined as follows:

$$F_1 = \frac{f_{LWS}}{(F_{CW})(AF)} \quad (I-12)$$

where:

f_{LWS} = is the sum of actual release effluent path(s) flow rate from all liquid waste management systems discharging into Lake Michigan. The value of f_{LWS} is computed as follows:

$$f_{LWS} = (f_{CT} + f_L + f_{MT} + f_{SGBD} + f_{ESW})$$

$$17,790 \text{ gpm} = 20 \text{ gpm} + 20 \text{ gpm} + 150 \text{ gpm} + 100 \text{ gpm} + 2(8750 \text{ gpm})^*$$