**OZONESONDE MEASUREMENTS FROM THE ATMOSPHERIC RADIATION
MEASUREMENT (ARM) SITE IN BILLINGS, OKLAHOMA****Overview**

At the request of Douglas Sisterson of Argonne National Laboratory (ANL), Argonne, Illinois, The National Aeronautics and Space Administration's (NASA) Wallops Flight Facility (WFF) of the Goddard Space Flight Center (GSFC) prepared and released ozonesonde instruments at the Atmospheric Radiation Measurement (ARM) site located near Billings, Oklahoma. Ozone sensors, associated radiosondes, balloons, and other parts and pieces required for the ozone observations were provided by WFF on a reimbursable arrangement with ANL. Observations were scheduled daily at 1700 UTC beginning on September 22, 1995. Attempts to maintain this schedule were frustrated by a few simultaneous operations involving different electronic devices in use resulting in considerable rf noise. Since radiosondes are necessarily low-cost instruments their reception is particularly susceptible to noisy rf fields. Overall, however, 36 ozonesonde flights were made with the last observation occurring on November 1, 1995. Data from about 9 flights were lost, however, due to the rf noise, high balloon release area winds, and an occasional computer program fault.

Ozone data were processed on-site through the ground-station software and preliminary data delivered to Mike Splitt at the ARM site. These same data were sent to WFF over a FTP link for gross-error checking and for quality appraisal. The data records were returned to WFF at the completion of the field measurement phase where a thorough quality assessment was made and the data reprocessed. The final data were delivered over a FTP link to Ms. Joyce Tichler of the Brookhaven National Laboratory, Brookhaven, New York, on December 28th, 1995; these data are included as part of this report.

Mr. George Brothers, Mantech Environmental Systems, Inc., was responsible at the ARM site for the preparation of the ozone pumps and sensor cells, balloon release, and the observation and data reduction. Mr. Prentiss Moore, Allied Signal, Inc., was responsible for the installation of the ozonesonde's ground-station equipment needed to receive ozone data and for insuring that the field-site processing software was operational. Mr. Moore initially spent four days at the ARM site for equipment installation, but because of the high rf present and other technical problems returned to the ARM site two weeks later for another four days. Mr. Brothers was at the ARM site for the entire period of September 18th through November 3rd, 1995. Mr. David Ross, also of Mantech, provided calibration of the ozone pumps prior to their being shipped to the ARM site. It needs to be recognized that calibration of the ozone pump-efficiency portion of the ozonesonde preparation requires about 4-5 manhours of effort; pre-flight preparation requires another two hours. Data files from the ground station returned to WFF by an FTP link for early review for gross errors were reviewed in detail by Mr. William Michel, Science and Engineering Systems, Inc. (SESI), and corrupted files were rebuilt. Data were final-processed with the WFF ozonesonde

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reduction software and vertical plots of ozone partial pressure, temperature, and relative humidity were developed by Dr. Sean McCarthy, Computer Science Corp. (CSC).

Instrumentation and Observational Procedures

The primary instrument for this work is the Electrochemical Concentration Cell (ECC) ozone sensor developed by the National Oceanic and Atmospheric Administration's (NOAA) Wave Propagation Laboratory (Komhyr, 1969; Komhyr and Harris, 1971). This ozone sensing system is coupled to a standard VIZ Manufacturing Co. radiosonde modified to receive the ozone-sensed signals. The VIZ radiosonde (Microsonde MK2) transmits pressure, temperature, relative humidity, and ozone as a function of time to a ground receiving and processing station (VIZ W-9000). Wind information, also included, is obtained from Omega or Loran-C navaid techniques. The ozone component with the MK2 radiosonde weighs approximately 0.8 kg. The data are transmitted using 403 MHz, although it is also possible to use a 1680 MHz version, if necessary. The flight hardware has undergone a number of modifications since the early 1970's when WFF made its first ozone sounding, but the basic process has remained the same.

The primary sensor for obtaining vertical profiles of ozone and meteorological parameters at WFF and at field campaign locations has been the ECC instrument, which up to the present has been provided by Science Pump Corp. These are coupled with the VIZ radiosondes. It is possible to interface the ozone sensing system with radiosondes of other manufacturers, but development in this direction has not been fast and, at present, does not meet our needs. Early ECC's (1A and 2A Models) were used through the mid-1970's. Electronic modifications produced the 3A Model, flown from the late 1970's to early 1980's. The 4A Model included a completely redesigned pump system and was used into early 1995. The 1A through 4A Models all operated on an analog principle with measurements recorded on paper strip charts. Data retrieval was laborious which limited the data resolution to a practical interval of 1-minute.

During 1994, the 4A Model configuration was updated with the digital 5A Model. The first extensive use of the 5A Model by WFF was during the 1994 Austral Spring from Palmer Station, Antarctica, as part of the ozone hole and ozone depletion studies. The VIZ MK2 radiosonde enables high resolution (~2-second intervals) data to be obtained. The ozonesonde flown at the ARM site was the digital 5A Model.

The ECC consists of a pump made from teflon and a two-chamber cell system, a cathode and an anode chamber. The pump pulls ambient air through a neutral buffered 1 percent potassium iodide solution contained in the cathode chamber. The anode chamber is connected to the cathode chamber by means of an 'ion bridge'. The anode chamber contains a solution similar to that contained in the cathode chamber, only it is a saturated solution of potassium iodide. An electromotive force emf, is generated between the chambers caused when electrons produced by the

iodide/iodine redox reaction flow. Platinum electrodes in each cell complete the circuit. The resulting current, temperature of the air entering the cells, and the air flow rate are used to calculate the partial pressure of ozone in micro-millibars (μ -mb). In-house calibration makes it possible for WFF to field highly accurate instruments in any environment.

Prior to Mr. Brothers and Mr. Moore departing for the ARM site, the pump efficiency of all of the ozone pumps to be shipped was determined over the range of 60 hPa to 6 hPa (Torres, 1981). A pressure chamber, i.e., bell jar, is used for this purpose. A second-order polynomial is produced for each pump which is applied to the sea-level-measured pump flow rate (determined during calibration). After the pump efficiency is determined the anode and cathode cells are sensitized by purging with a high concentration of ozone-enriched air. Each of the ozone sensors is calibrated with a secondary standard instrument, such as the Dasibi Model 1003 AH, used at WFF. Periodically, the Dasibi is calibrated against the WFF three-meter long-path uv absorption photometer. The WFF long-path photometer is cross-calibrated, at least yearly, against a similar instrument located at the National Institute of Standards and Technology (NIST). Final check and calibration is done after connecting the ozone pump and cells to the VIZ MK2 radiosonde, just prior to release of the balloon.

Ozone partial pressures are determined from the relationship of the measured current (resulting from the chemical reaction-induced emf), the temperature of the air flowing into the pump, and the pump flow rate. In the method used by WFF the pump efficiency determined during the pre-launch checkout is included which replaces a fixed-value table provided by the manufacturer, as is a correction based on the comparison of the ozone measured by the pump and sensors with the Dasibi. The relationship is:

$$O_{3pp} = 4.307 \cdot 10^{-3} (I_m - I_b) \cdot T_p \cdot F (a_0 + a_1/p + a_2/p^2) / \text{Dasibi Ratio}$$

where,

O_{3pp}	=	Ozone Partial Pressure in micro-millibars;
I_m	=	Measured current in μ A;
I_b	=	Background current in μ A;
T_p	=	Temperature in $^{\circ}$ K of air flowing through pump;
F	=	Pump flow rate (seconds per 100 ml);
p	=	Measured atmospheric pressure in hPa;

and, a_0 , a_1 , and a_2 are the pump efficiency coefficients.

The observed ozone data are merged with measurements of pressure, temperature, and relative humidity at intervals of approximately 1.2 seconds. These data are assimilated in the software of the VIZ W-9000 ground station. Final data are interpolated to a 2-second interval.

Data Processing

ECC ozonesonde data processing at the ARM site experienced some difficulties which are discussed below. The incidence of each type of difficulty was not large but, nonetheless, required substantial effort to exhaustively resolve each circumstance.

Data were written to four files primarily to ensure no losses during data transfers and during shipment back to Wallops. The four sources were: raw data on the PC hard drive; compressed data on the PC hard drive; data sent to Wallops via the FTP; and, floppy disks. The four sources were compared and cross-checked. This process was not originally established because the software had been in use over a year and no serious problems were previously encountered. It was necessary to establish manual archive procedures that then led to filename inconsistency. A few corrupted hard disk sectors also were encountered. As a result of these on-site difficulties, the different files were combined at Wallops and new files built.

Because a special reduction program was needed for the final processing we decided to use a program previously developed for the processing of multi-thermistors which will provide accurate upper-air temperatures. The skeletal structure of this program was chosen since it contained 75-80 percent of the features needed. Among these are: the variety of formats that can be assimilated; its interpolation ability; its use of running averages; balloon burst detection; and, its method of handling missing data. Ozone pertinent code was added and wind data merged with the other measurements. (Wind data in the final report are limited to the one-minute measurements actually recorded during flight.)

The general processing reads the 1.2 second file generated by the VIZ W-9000 software and calculates the desired parameters, pressure, temperature, relative humidity, ozone, and wind. Data gaps less than 10 seconds (i.e., less than ~50 meters) are interpolated. The last data point, whether from balloon burst or other reason for termination, is determined and identified as the end point for any future processing. Ozone data are smoothed over a running average of 11 points, or even less if necessary, where the data are continuous. The equation given above is used to calculate the ozone partial pressure from which ozone mixing ratios and ozone concentrations are determined.

Data missing in a number of flights were basically due to rf noise or frequency interference. Four observations were split into two parts because of software crashes. Three (#3, 9 and 32) were sewn together with custom built software; one observation (#15) only contained half of the data. The box temperature, needed in the equation for the calculation of ozone partial pressure was missing from one observation (#30). A value based on neighboring observations was synthesized and used to recover data for this observation. Running averages with tapering tails was developed to smooth noisy ozone data (again, from rf noise). Spikes in a number of the parameters were isolated and removed and data were reprocessed.

Overall, considerable time was expended sorting out the tracking and data problems encountered at the ARM site. We are confident that of the data that could be recovered 98 percent has been.

Plot Description

The plots enclosed in this report are only representative of the final ozone partial pressures, temperature, and relative humidity vs pressure (vertical scale). These plots depict the measurements from the 36 ozonesonde observations made at the ARM site in Billings, Oklahoma. These data were plotted from the two-second interpolated data found in the final listing files.

The ozone partial pressures shown by the solid line are given in units of micro-millibars (μmb). Temperature, given as the dashed line, is given in Celsius degrees ($^{\circ}\text{C}$). And, the relative humidity, given as the dash-dot line, is given in percent (%). The plot's horizontal axis contains the three scales and are labeled clearly, with relative humidity given on the lower left corner of the plot.

Gaps, occasionally seen in the data profiles, correspond to relatively large time gaps between valid data points. Some curves have extensive gaps due to instrument failure or operational difficulties, as discussed earlier. There were no valid data for two of the observations.

ARM SITE OZONESONDE DATA LISTINGS AND PLOTS

Ozonesonde listings are given for observations that contained usable data. Observation numbers 2, 13, and 15 did not provide data, or if data were available it was not valid. Flight number 23 provided temperature and relative humidity data but no ozone. The data are listed at one-minute intervals. However, the enclosed floppy disk contains all data at two-second resolution. Missing data is shown as a group of 999's.

Plots containing ozone partial pressure, temperature, and relative humidity vs pressure follow each data listing. A scale for each of these parameters is given. Gaps in the profiles coincide with missing data shown on the listings.

Release Time: 21:07:28 UT

Time	Press	Alt	Temp	RH	Ozone	OzMixR	OzConcen	W-Dir	W-Spd
Secs	hPa	Geop m	Deg C	%	micmb	micgg	10^12/cm3	deg	mps
0.	990.59	315.	15.67	38.33	29.59	0.05	0.74	285.	1.0
60.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	183.	47.9
120.	910.28	1017.	5.46	56.16	33.89	0.06	0.88	187.	7.4
180.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	356.	10.3
240.	828.76	1773.	-1.81	92.80	32.68	0.07	0.87	292.	0.3
300.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	179.	1.2
360.	767.53	2387.	2.28	18.11	35.74	0.08	0.94	177.	12.5
420.	732.53	2762.	0.56	33.39	33.64	0.08	0.89	167.	12.6
480.	700.69	3118.	-0.60	17.73	24.45	0.06	0.65	38.	6.7
540.	671.06	3461.	-2.73	35.06	28.46	0.07	0.76	99.	4.4
600.	642.87	3800.	-4.06	48.68	28.54	0.07	0.77	168.	19.5
660.	616.02	4134.	-6.86	43.12	28.23	0.08	0.77	166.	21.2
720.	589.00	4484.	-7.60	8.73	31.37	0.09	0.86	12.	30.8
780.	562.36	4842.	-10.61	10.83	26.19	0.08	0.72	144.	12.5
840.	536.57	5202.	-11.68	8.39	32.62	0.10	0.90	160.	23.1
900.	511.55	5567.	-12.89	8.09	29.29	0.09	0.82	164.	35.2
960.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	145.	21.9
1020.	464.52	6295.	-18.01	8.88	24.44	0.09	0.69	132.	18.7
1080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	149.	27.5
1140.	421.74	7009.	-22.43	8.92	21.58	0.08	0.62	148.	28.4
1200.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	144.	27.1
1260.	382.47	7720.	-26.87	43.27	16.96	0.07	0.50	128.	22.1
1320.	363.25	8090.	-29.88	41.33	23.40	0.11	0.70	155.	46.0
1380.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	160.	65.0
1440.	327.43	8821.	-35.04	38.90	19.25	0.10	0.59	160.	66.8
1500.	310.29	9193.	-38.33	39.67	17.48	0.09	0.54	158.	58.6
1560.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	153.	49.0
1620.	278.16	9935.	-43.93	42.78	21.92	0.13	0.69	168.	83.4
1680.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	147.	43.0
1740.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	133.	30.0
1800.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	147.	44.3
1860.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1920.	209.41	11797.	-54.14	35.82	26.93	0.21	0.89	999.	999.9
1980.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2040.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2100.	173.46	12991.	-59.31	34.86	38.25	0.37	1.30	999.	999.9
2160.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2220.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2280.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2									

3660.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3720.	32.39	23535.	-52.49	10.81	124.15	6.35	4.07	999.999.9
3780.	30.31	23965.	-51.57	10.01	126.25	6.90	4.13	999.999.9
3840.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3900.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3960.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4020.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4140.	19.86	26737.	-48.53	6.70	117.24	9.78	3.78	999.999.9
4200.	18.50	27204.	-46.06	6.81	115.42	10.34	3.68	999.999.9
4260.	17.26	27664.	-46.14	6.15	106.07	10.18	3.38	185.24.1
4320.	16.18	28096.	-44.36	6.11	100.45	10.29	3.18	191.8.9
4380.	15.16	28535.	-43.78	5.79	94.39	10.32	2.98	153.2.1
4440.	14.20	28974.	-42.52	5.52	89.64	10.46	2.82	356.5.3
4500.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	271.2.8
4560.	12.50	29840.	-40.87	5.36	76.95	10.20	2.40	180.3.8
4620.	11.73	30271.	-40.06	5.09	71.94	10.16	2.24	195.2.0
4680.	11.02	30699.	-39.16	5.05	66.41	9.99	2.06	120.1.3
4740.	10.34	31133.	-38.76	5.11	62.92	10.08	1.94	121.2.7
4800.	9.74	31546.	-38.23	4.87	58.10	9.88	1.79	157.6.3
4860.	9.16	31967.	-37.25	4.85	54.04	9.77	1.66	15.8.7
4920.	8.62	32392.	-36.27	4.96	50.56	9.72	1.55	145.6.1
4980.	8.10	32820.	-37.86	4.91	48.24	9.87	1.48	356.94.8

arm00001 09/22/95 2107+28 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	985.17	315.	15.78	64.10	17.03	0.03	0.43	0.	0.0
60.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	269.	14.2
120.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	242.	3.9
180.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	204.	5.8
240.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	286.	7.0
300.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	251.	1.8
360.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	221.	3.9
420.	737.92	2714.	4.94	82.50	36.64	0.08	0.95	240.	7.2
480.	706.50	3067.	2.74	100.00	34.91	0.08	0.92	287.	21.3
540.	676.97	3411.	1.33	100.00	32.85	0.08	0.87	246.	11.4
600.	649.31	3745.	-0.96	98.45	33.32	0.09	0.89	220.	9.9
660.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	251.	13.5
720.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	268.	18.5
780.	564.96	4842.	-7.24	55.88	30.68	0.09	0.84	287.	29.2
840.	539.40	5200.	-10.31	49.30	27.52	0.08	0.76	256.	14.6
900.	514.24	5567.	-11.50	12.68	25.02	0.08	0.69	278.	20.8
960.	490.35	5930.	-13.71	25.78	27.28	0.09	0.76	264.	23.7
1020.	468.52	6274.	-16.55	42.89	27.61	0.10	0.78	277.	27.5
1080.	446.20	6638.	-19.55	51.32	25.28	0.09	0.72	265.	24.2
1140.	425.38	6991.	-22.10	35.08	25.14	0.10	0.73	261.	24.8
1200.	404.92	7351.	-25.01	63.72	23.04	0.09	0.67	262.	29.6
1260.	384.43	7726.	-28.23	68.21	22.07	0.10	0.65	266.	27.6
1320.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1380.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1440.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1500.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1560.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1620.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1680.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1740.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1800.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1860.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1920.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1980.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2040.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2100.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2160.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2220.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2280.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2340.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2400.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2460.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2520.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2580.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2640.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2700.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2760.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2820.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2880.	79.05	99999.	-61.68	2.32	76.03	1.59	2.60	999.	999.9
2940.	73.94	99999.	-60.25	2.14	86.09	1.93	2.93	999.	999.9
3000.	69.36	99999.	-58.78	1.90	97.74	2.33	3.30	999.	999.9
3060.	65.13	99999.	-57.42	1.65	106.56	2.71	3.58	999.	999.9
3120.	60.83	99999.	-58.94	1.45	99.36	2.71	3.36	999.	999.9
3180.	56.78	99999.	-54.58	1.33	95.13	2.78	3.15	999.	999.9
3240.	53.80	99999.	-54.53	1.16	99.34	3.06	3.29	999.	999.9
3300.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
3360.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
3420.	44.81	99999.	-53.19	0.87	109.96	4.07	3.62	999.	999.9
3480.	42.27	99999.	-52.99	0.80	111.78	4.38	3.68	999.	999.9
3540.	39.90	99999.	-54.00	0.80	116.57	4.84	3.85	999.	999.9
3600.	37.39	99999.	-54.33	0.77	120.29	5.33	3.98	999.	999.9

3660.	35.25	99999.	-53.70	0.75	122.11	5.74	4.03	999.	999.9
3720.	33.25	99999.	-52.48	0.72	127.33	6.35	4.18	999.	999.9
3780.	31.30	99999.	-52.28	0.69	130.37	6.90	4.28	999.	999.9
3840.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
3900.	27.80	99999.	-50.51	0.67	134.10	7.99	4.36	999.	999.9
3960.	26.08	99999.	-48.67	0.66	133.92	8.51	4.32	999.	999.9
4020.	24.50	99999.	-48.81	0.64	129.54	8.76	4.18	999.	999.9
4080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
4140.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
4200.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
4260.	19.26	99999.	-46.57	0.61	112.87	9.71	3.61	999.	999.9
4320.	18.09	99999.	-46.57	0.60	107.05	9.81	3.42	999.	999.9
4380.	16.95	99999.	-46.91	0.60	100.25	9.80	3.21	999.	999.9
4440.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
4500.	15.04	99999.	-44.54	0.61	89.22	9.83	2.83	999.	999.9
4560.	14.18	99999.	-43.36	0.60	82.89	9.69	2.61	999.	999.9
4620.	13.31	99999.	-42.76	0.60	78.38	9.75	2.46	999.	999.9
4680.	12.55	99999.	-41.99	0.60	72.76	9.61	2.28	999.	999.9
4740.	11.80	99999.	-42.50	0.61	67.61	9.50	2.12	999.	999.9
4800.	11.12	99999.	-41.87	0.62	63.77	9.50	2.00	999.	999.9
4860.	10.51	99999.	-41.81	0.60	56.18	8.86	1.76	999.	999.9
4920.	9.88	99999.	-41.11	0.62	54.63	9.16	1.71	999.	999.9

arm00003 09/24/95 1632+48 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	981.40	315.	14.18	87.40	17.26	0.03	0.44	0.	0.0
60.	944.15	639.	11.91	83.77	29.90	0.05	0.76	292.	5.5
120.	911.84	928.	10.17	86.19	36.34	0.07	0.93	305.	4.3
180.	880.55	1217.	8.35	86.54	37.11	0.07	0.95	336.	2.3
240.	846.36	1543.	7.54	92.38	38.11	0.07	0.98	330.	2.1
300.	813.35	1868.	5.26	100.00	38.68	0.08	1.01	313.	1.3
360.	782.78	2180.	4.17	100.00	38.44	0.08	1.00	287.	3.3
420.	750.39	2522.	2.57	100.00	37.30	0.08	0.98	296.	5.3
480.	719.50	2860.	0.84	99.92	36.07	0.08	0.95	289.	5.9
540.	693.37	3156.	-0.34	99.27	34.03	0.08	0.90	271.	4.8
600.	662.55	3517.	-2.44	99.57	32.98	0.08	0.88	236.	4.5
660.	634.75	3856.	-4.42	98.63	32.69	0.09	0.88	219.	4.7
720.	606.50	4213.	-5.60	89.30	33.26	0.09	0.90	232.	5.9
780.	579.34	4571.	-7.38	78.54	31.08	0.09	0.85	249.	6.7
840.	552.08	4944.	-9.88	87.38	29.41	0.09	0.81	261.	7.8
900.	526.89	5302.	-12.00	80.06	28.11	0.09	0.78	250.	8.5
960.	500.55	5693.	-14.57	59.05	27.19	0.09	0.76	213.	10.9
1020.	477.26	6051.	-17.32	68.90	25.95	0.09	0.73	219.	12.6
1080.	455.25	6403.	-20.08	37.79	25.84	0.09	0.74	230.	13.9
1140.	432.75	6776.	-23.15	3.12	27.51	0.11	0.80	218.	13.2
1200.	415.17	7078.	-25.81	9.85	28.22	0.11	0.83	208.	14.0
1260.	393.16	7470.	-28.64	48.42	24.93	0.11	0.74	204.	15.3
1320.	371.93	7865.	-31.01	50.95	22.29	0.10	0.67	193.	18.8
1380.	353.78	8218.	-33.52	44.44	21.93	0.10	0.66	187.	21.7
1440.	334.78	8603.	-36.63	41.52	26.84	0.13	0.82	192.	21.0
1500.	317.28	8973.	-37.01	1.23	64.39	0.34	1.98	221.	18.3
1560.	299.65	9368.	-37.37	0.65	75.00	0.41	2.30	226.	20.6
1620.	284.68	9721.	-38.28	0.62	61.26	0.36	1.89	228.	23.6
1680.	270.41	10073.	-40.40	0.67	21.94	0.13	0.68	225.	23.5
1740.	256.96	10419.	-42.54	0.69	21.94	0.14	0.69	253.	26.4
1800.	242.53	10807.	-45.39	0.72	20.93	0.14	0.67	247.	22.9
1860.	229.41	11176.	-47.17	0.73	21.96	0.16	0.70	249.	22.4
1920.	216.56	11555.	-49.40	0.74	25.18	0.19	0.81	227.	19.1
1980.	205.59	11896.	-48.79	0.73	24.88	0.20	0.80	253.	21.6
2040.	194.87	12246.	-50.57	0.73	22.34	0.19	0.73	265.	25.3
2100.	183.04	12652.	-53.53	0.74	22.20	0.20	0.73	268.	25.8
2160.	173.55	12993.	-55.69	0.74	25.18	0.24	0.84	260.	21.3
2220.	163.81	13359.	-56.66	0.75	37.62	0.38	1.26	261.	20.1
2280.	155.21	13701.	-56.83	0.75	27.13	0.29	0.91	259.	19.5
2340.	146.48	14067.	-59.01	0.76	19.64	0.22	0.66	266.	20.0
2400.	138.49	14417.	-60.68	0.77	17.05	0.20	0.58	276.	23.0
2460.	131.01	14762.	-61.13	0.77	21.80	0.28	0.74	284.	25.3
2520.	123.68	15119.	-62.10	0.77	20.09	0.27	0.69	275.	18.7
2580.	116.66	15479.	-62.87	0.78	24.63	0.35	0.85	249.	13.0
2640.	109.82	15850.	-63.92	0.79	35.59	0.54	1.23	241.	13.4
2700.	103.50	16211.	-65.99	0.80	41.30	0.66	1.44	251.	12.1
2760.	97.37	16579.	-66.57	0.80	48.73	0.83	1.71	257.	9.9
2820.	91.61	16950.	-65.13	0.80	59.93	1.08	2.09	245.	7.7
2880.	86.03	17334.	-63.54	0.78	63.14	1.22	2.18	249.	9.0
2940.	81.22	17686.	-64.42	0.78	61.88	1.26	2.15	276.	12.3
3000.	76.33	18065.	-64.79	0.78	67.87	1.47	2.36	238.	4.4
3060.	71.81	18440.	-60.38	0.77	91.91	2.12	3.13	224.	3.0
3120.	67.36	18838.	-60.29	0.75	105.58	2.60	3.59	183.	4.1
3180.	63.50	19206.	-61.42	0.74	106.96	2.79	3.66	259.	8.3
3240.	59.79	19578.	-60.83	0.74	102.27	2.83	3.49	220.	4.1
3300.	56.11	19976.	-57.72	0.72	89.20	2.63	3.00	288.	5.7
3360.	52.84	20355.	-55.77	0.71	102.54	3.22	3.42	293.	4.3
3420.	49.90	20720.	-55.35	0.69	107.02	3.55	3.56	187.	3.7
3480.	47.06	21094.	-54.51	0.67	108.63	3.82	3.60	189.	6.5
3540.	44.34	21474.	-55.45	0.66	111.30	4.16	3.70	181.	7.1
3600.	41.61	21878.	-55.84	0.66	111.76	4.45	3.72	219.	3.6

3660.	39.17	22263.	-55.16	0.66	120.12	5.08	3.99	285.	3.9
3720.	36.98	22631.	-53.35	0.65	128.61	5.76	4.24	261.	1.3
3780.	34.85	23014.	-52.86	0.63	134.17	6.38	4.41	290.	1.5
3840.	32.67	23429.	-54.49	0.62	130.57	6.62	4.32	133.	2.9
3900.	30.77	23813.	-53.13	0.61	137.54	7.41	4.53	308.	41.7
3960.	28.92	24214.	-52.25	0.60	139.89	8.02	4.59	94.	6.1
4020.	27.17	24616.	-51.63	0.58	138.52	8.45	4.53	32.	3.5
4080.	25.56	25013.	-50.64	0.57	135.70	8.80	4.42	110.	4.7
4140.	24.09	25401.	-50.91	0.56	132.99	9.15	4.33	134.	5.2
4200.	22.69	25787.	-50.00	0.54	132.43	9.67	4.30	118.	3.4
4260.	21.31	26199.	-49.08	0.53	127.71	9.93	4.13	63.	0.3
4320.	20.03	26608.	-48.16	0.52	124.74	10.32	4.02	138.	5.1
4380.	18.83	27013.	-47.63	0.51	118.67	10.44	3.81	293.	3.0
4440.	17.71	27419.	-48.01	0.51	111.90	10.47	3.60	283.	1.7
4500.	16.60	27843.	-48.48	0.51	106.08	10.59	3.42	161.	0.1
4560.	15.57	28266.	-47.75	0.50	101.25	10.77	3.25	321.	7.3
4620.	14.62	28680.	-47.35	0.50	96.38	10.92	3.09	112.	9.3
4680.	13.76	29085.	-45.80	0.50	89.82	10.82	2.86	2.	5.5
4740.	12.93	29497.	-45.88	0.50	84.17	10.78	2.68	104.	3.7
4800.	12.13	29925.	-45.15	0.49	78.08	10.67	2.48	292.	5.8
4860.	11.36	30362.	-45.63	0.50	72.73	10.61	2.32	136.	1.7
4920.	10.65	30795.	-44.93	0.50	67.41	10.49	2.14	134.	3.5
4980.	10.00	31216.	-44.52	0.50	63.41	10.51	2.01	134.	5.8
5040.	9.38	31642.	-42.94	0.51	58.67	10.36	1.85	170.	2.1
5100.	8.79	32082.	-42.40	0.51	55.44	10.45	1.74	164.	6.4
5160.	8.23	32529.	-39.71	0.51	51.21	10.31	1.59	999.	999.9
5220.	7.73	32959.	-38.01	0.52	48.10	10.31	1.48	999.	999.9

arm00004 09/25/95 1719+45 UT

Ozonesonde Data - ARM Site, Oklahoma
 Flight-ID: arm00005 Date: 09/26/95 Release Time: 17:29:11 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	978.46	315.	22.07	60.57	33.33	0.06	0.82	210.	0.0
60.	942.78	632.	16.85	78.95	42.14	0.07	1.05	230.	5.5
120.	910.01	931.	14.82	64.68	45.09	0.08	1.13	214.	5.4
180.	883.89	1176.	13.89	50.77	50.09	0.09	1.26	188.	7.0
240.	855.56	1449.	12.19	45.13	50.23	0.10	1.28	199.	5.0
300.	825.96	1742.	10.25	48.72	49.19	0.10	1.26	234.	3.3
360.	799.57	2011.	9.44	40.28	47.81	0.10	1.23	256.	3.1
420.	775.69	2262.	9.92	9.70	45.21	0.10	1.16	270.	3.1
480.	751.47	2525.	9.26	22.79	36.77	0.08	0.94	256.	2.8
540.	722.53	2848.	7.39	22.61	34.54	0.08	0.89	279.	3.9
600.	692.64	3194.	5.46	25.35	34.57	0.08	0.90	271.	4.6
660.	666.13	3512.	3.96	21.47	35.87	0.09	0.94	282.	6.6
720.	641.09	3821.	2.07	13.89	37.55	0.10	0.99	288.	7.5
780.	614.92	4156.	-0.05	13.74	37.65	0.10	1.00	291.	8.7
840.	588.89	4500.	-2.60	10.92	36.35	0.10	0.97	290.	9.1
900.	566.92	4800.	-4.87	10.16	34.37	0.10	0.93	290.	10.6
960.	543.30	5132.	-7.03	8.44	31.84	0.10	0.87	299.	18.4
1020.	522.84	5430.	-9.16	7.36	32.31	0.10	0.89	286.	9.9
1080.	500.29	5769.	-11.93	9.06	29.88	0.10	0.83	288.	13.2

arm00005 09/26/95 1729+11 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm3	W-Dir deg	W-Spd mps
0.	978.07	315.	16.68	94.23	18.04	0.03	0.45	0.	0.0
60.	941.04	641.	16.98	100.00	37.07	0.07	0.93	158.	11.7
120.	905.01	974.	17.58	95.18	55.65	0.10	1.39	177.	10.1
180.	870.32	1305.	15.31	100.00	56.27	0.11	1.41	175.	9.1
240.	833.63	1667.	13.65	100.00	58.50	0.12	1.48	182.	5.6
300.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	183.	4.6
360.	767.84	2355.	13.95	10.38	38.55	0.08	0.97	229.	4.6
420.	736.89	2699.	11.65	27.55	38.58	0.09	0.98	233.	6.0
480.	706.53	3048.	8.76	31.64	35.61	0.08	0.91	248.	7.1
540.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	264.	8.0
600.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	286.	11.5
660.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	292.	8.5
720.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	296.	8.1
780.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	282.	6.1
840.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	275.	9.3
900.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	278.	12.0
960.	494.41	5891.	-9.56	13.28	20.39	0.07	0.56	283.	14.1
1020.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	282.	14.3
1080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	289.	17.2
1140.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	291.	17.9
1200.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	295.	18.4
1260.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	288.	16.9
1320.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	292.	21.9
1380.	363.36	8185.	-26.89	7.75	22.06	0.10	0.65	291.	25.3

arm000006 09/27/95 1628+16 UT

Time	Press	Alt	Temp	RH	Ozone	OzMixR	OzConcen	W-Dir	W-Spd
Secs	hPa	Geop m	Deg C	%	micmb	micgg	10 ¹² /cm ³	deg	mps
0.	975.21	315.	26.38	77.12	42.75	0.07	1.03	0.	0.0
60.	940.48	631.	22.60	88.23	50.41	0.09	1.23	164.	12.2
120.	901.89	992.	19.24	97.87	49.63	0.09	1.23	166.	11.3
180.	883.47	1169.	21.17	71.87	42.17	0.08	1.04	125.	3.4
240.	862.53	1375.	20.35	63.00	41.17	0.08	1.02	93.	4.4
300.	836.74	1636.	21.68	49.47	42.87	0.08	1.05	80.	5.6
360.	822.08	1789.	21.53	45.59	41.89	0.08	1.03	130.	9.8
420.	809.11	1926.	20.44	44.65	40.85	0.08	1.01	140.	10.9
480.	794.72	2080.	19.10	45.74	39.85	0.08	0.99	121.	10.0
540.	781.10	2227.	17.81	47.30	38.58	0.08	0.96	66.	9.1
600.	768.09	2370.	16.69	45.40	35.67	0.08	0.89	95.	7.9
660.	753.99	2527.	15.58	42.42	30.65	0.07	0.77	86.	7.2
720.	739.61	2689.	14.19	46.82	30.24	0.07	0.76	144.	12.6
780.	725.00	2857.	12.83	44.72	29.12	0.07	0.74	83.	6.9
840.	710.71	3023.	11.36	44.66	28.62	0.07	0.73	92.	7.7
900.	696.89	3186.	9.93	44.08	29.07	0.07	0.74	39.	11.8
960.	682.90	3354.	8.40	45.13	29.75	0.07	0.77	72.	8.2
1020.	669.00	3523.	6.74	47.36	32.16	0.08	0.83	74.	7.3
1080.	655.90	3684.	5.22	50.68	31.08	0.08	0.81	137.	10.4
1140.	642.94	3846.	3.72	56.58	30.80	0.08	0.81	152.	13.6
1200.	630.27	4007.	2.22	60.84	29.11	0.08	0.77	144.	10.6
1260.	616.93	4179.	1.25	51.47	26.41	0.07	0.70	155.	14.7
1320.	605.61	4328.	0.08	49.62	25.43	0.07	0.67	135.	7.3
1380.	594.31	4478.	-1.11	49.93	24.60	0.07	0.66	139.	7.4
1440.	582.91	4632.	-2.33	59.25	23.57	0.07	0.63	63.	4.5
1500.	572.56	4774.	-2.08	34.55	22.28	0.06	0.60	127.	4.9
1560.	560.79	4939.	-2.53	26.09	21.20	0.06	0.57	109.	3.8
1620.	548.82	5109.	-3.48	23.88	21.03	0.06	0.56	147.	8.3
1680.	536.86	5283.	-4.75	22.91	20.93	0.06	0.56	57.	5.5
1740.	525.28	5454.	-5.13	17.42	20.67	0.07	0.56	155.	16.0
1800.	515.00	5609.	-6.25	26.70	22.03	0.07	0.60	102.	6.9
1860.	504.12	5775.	-7.06	24.72	19.90	0.07	0.54	78.	4.7
1920.	494.07	5932.	-8.35	25.09	19.11	0.06	0.52	124.	8.0
1980.	484.18	6088.	-9.45	27.58	18.43	0.06	0.51	84.	7.2
2040.	473.75	6256.	-11.03	29.91	18.36	0.06	0.51	158.	16.6
2100.	463.62	6421.	-12.58	31.98	17.46	0.06	0.49	114.	8.2
2160.	453.14	6595.	-14.16	33.58	17.78	0.07	0.50	152.	13.2
2220.	442.68	6772.	-15.61	36.24	18.05	0.07	0.51	83.	7.8
2280.	432.41	6948.	-17.06	39.35	17.57	0.07	0.50	130.	8.3
2340.	421.82	7133.	-18.57	39.81	17.67	0.07	0.50	87.	5.3
2400.	410.82	7330.	-20.05	38.75	17.40	0.07	0.50	104.	24.2
2460.	400.21	7523.	-21.27	69.75	19.19	0.08	0.55	137.	14.5
2520.	390.32	7707.	-22.33	68.26	18.32	0.08	0.53	999.	999.9
2580.	380.63	7891.	-23.53	65.05	17.59	0.08	0.51	86.	9.9
2640.	369.96	8098.	-25.20	66.47	17.06	0.08	0.50	999.	999.9
2700.	360.73	8282.	-25.84	58.67	15.03	0.07	0.44	130.	10.7
2760.	350.28	8494.	-27.06	38.88	15.99	0.08	0.47	161.	30.5
2820.	341.35	8680.	-27.64	25.14	16.36	0.08	0.48	97.	9.2
2880.	331.43	8891.	-29.32	18.78	16.57	0.08	0.49	360.	11.4
2940.	321.79	9101.	-31.09	14.70	16.09	0.08	0.48	111.	8.7
3000.	312.95	9298.	-32.52	13.13	16.69	0.09	0.50	158.	20.1
3060.	304.25	9495.	-34.19	13.19	16.07	0.09	0.49	149.	13.3
3120.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	129.	2.5
3180.	287.47	9890.	-37.44	27.64	11.24	0.06	0.35	106.	7.6
3240.	279.36	10087.	-39.07	34.24	10.34	0.06	0.32	117.	12.3
3300.	271.17	10290.	-40.46	40.54	10.22	0.06	0.32	159.	34.6
3360.	263.15	10494.	-41.92	39.41	9.00	0.06	0.28	151.	36.0
3420.	254.87	10709.	-43.86	39.55	9.15	0.06	0.29	178.	15.9
3480.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	93.	12.5
3540.	239.58	11122.	-47.14	37.07	9.52	0.07	0.31	999.	999.9
3600.	232.51	11319.	-48.88	37.29	9.46	0.07	0.31	999.	999.9

3660.	225.65	11515.	-50.36	37.13	9.84	0.07	0.32	999.	999.9
3720.	219.45	11697.	-50.50	36.72	11.09	0.08	0.36	160.	32.5
3780.	213.45	11877.	-50.44	35.84	10.91	0.08	0.35	999.	999.9
3840.	207.40	12064.	-51.35	34.80	12.79	0.10	0.42	126.	14.0
3900.	201.29	12258.	-52.74	34.45	12.08	0.10	0.40	113.	12.7
3960.	195.68	12440.	-53.02	32.52	12.30	0.10	0.40	114.	13.5
4020.	189.14	12658.	-54.36	30.66	12.42	0.11	0.41	132.	13.0
4080.	183.20	12862.	-56.09	29.45	11.44	0.10	0.38	143.	17.4
4140.	176.73	13089.	-57.92	29.32	10.48	0.10	0.35	57.	13.4
4200.	171.02	13296.	-59.25	29.18	10.29	0.10	0.35	209.	8.1
4260.	165.47	13502.	-60.42	28.93	9.96	0.10	0.34	999.	999.9
4320.	160.45	13693.	-60.72	28.62	10.39	0.11	0.35	999.	999.9
4380.	155.61	13884.	-61.43	28.29	10.55	0.11	0.36	999.	999.9
4440.	150.84	14076.	-62.19	28.12	11.11	0.12	0.38	10.	68.9
4500.	146.11	14272.	-63.79	28.05	9.80	0.11	0.34	38.	22.1
4560.	141.54	14466.	-65.05	28.27	8.22	0.10	0.29	131.	8.7
4620.	136.83	14672.	-66.31	28.48	4.66	0.06	0.16	141.	10.8
4680.	132.16	14881.	-67.67	28.63	4.08	0.05	0.14	141.	9.8
4740.	127.50	15097.	-68.27	28.85	3.93	0.05	0.14	30.	18.6
4800.	123.19	15302.	-69.85	29.05	3.44	0.05	0.12	41.	4.5
4860.	119.03	15506.	-70.37	29.25	3.92	0.05	0.14	34.	6.6
4920.	115.17	15702.	-70.67	29.23	5.51	0.08	0.20	18.	6.3
4980.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	129.	6.6
5040.	107.43	16115.	-70.85	29.19	10.00	0.15	0.36	123.	4.8
5100.	103.68	16324.	-71.96	29.33	11.09	0.18	0.40	125.	4.1
5160.	99.72	16553.	-73.42	29.49	11.44	0.19	0.41	145.	7.0
5220.	96.11	16769.	-72.55	29.55	13.78	0.24	0.50	41.	8.0
5280.	92.76	16979.	-69.93	29.24	19.64	0.35	0.70	52.	6.7
5340.	89.38	17198.	-70.87	29.12	22.03	0.41	0.79	23.	15.3
5400.	86.31	17405.	-70.18	28.95	25.97	0.50	0.93	81.	4.7
5460.	83.21	17624.	-68.48	28.57	36.57	0.73	1.29	127.	5.0
5520.	80.03	17857.	-69.27	28.44	39.17	0.81	1.39	128.	4.6
5580.	76.88	18097.	-69.15	28.37	41.98	0.90	1.49	84.	5.0
5640.	74.25	18307.	-65.55	27.97	52.77	1.18	1.84	51.	6.4
5700.	71.58	18530.	-63.88	27.35	67.55	1.56	2.34	66.	4.9
5760.	69.23	18735.	-63.14	26.76	76.22	1.82	2.63	999.	999.9
5820.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
5880.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
5940.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
6000.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	126.	6.8
6060.	58.05	19825.	-59.84	21.49	79.18	2.26	2.69	15.	4.6
6120.	56.19	20029.	-59.28	20.05	79.42	2.34	2.69	164.	21.2
6180.	54.40	20232.	-58.54	18.33	83.78	2.55	2.83	999.	999.9
6240.	52.55	20450.	-58.50	16.75	84.30	2.66	2.84	999.	999.9
6300.	50.69	20677.	-57.62	15.19	88.62	2.90	2.98	999.	999.9
6360.	49.01	20890.	-56.20	13.62	95.13	3.22	3.18	352.	3.1
6420.	47.38	21105.	-56.36	12.30	91.31	3.19	3.05	239.	0.3
6480.	45.80	21320.	-55.70	11.16	94.76	3.43	3.16	999.	999.9
6540.	44.18	21550.	-54.91	10.05	99.94	3.75	3.32	999.	999.9
6600.	42.60	21783.	-54.57	8.94	102.91	4.00	3.41	999.	999.9
6660.	41.11	22010.	-54.51	8.17	105.54	4.25	3.50	999.	999.9
6720.	39.60	22251.	-54.31	7.57	108.75	4.55	3.60	999.	999.9
6780.	38.21	22480.	-54.13	7.04	112.50	4.88	3.72	999.	999.9
6840.	36.89	22705.	-54.33	6.59	115.09	5.17	3.81	999.	999.9
6900.	35.56	22940.	-53.88	6.24	115.69	5.39	3.82	999.	999.9
6960.	34.18	23195.	-53.70	5.96	116.24	5.63	3.84	999.	999.9
7020.	32.90	23439.	-54.02	5.71	117.52	5.92	3.88	999.	999.9
7080.	31.72	23675.	-52.79	5.45	120.64	6.30	3.97	999.	999.9
7140.	30.60	23907.	-51.93	5.15	122.47	6.63	4.01	999.	999.9
7200.	29.41	24165.	-51.36	4.92	125.53	7.07	4.10	999.	999.9
7260.	28.29	24417.	-50.42	4.70	126.62	7.42	4.12	999.	999.9
7320.	27.30	24648.	-50.23	4.45	125.78	7.63	4.09	999.	999.9
7380.	26.35	24879.	-50.56	4.28	123.05	7.74	4.00	999.	999.9
7440.	25.41	25116.	-50.01	4.17	123.36	8.04	4.00	999.	999.9
7500.	24.48	25360.	-49.45	4.05	121.29	8.21	3.93	999.	999.9
7560.	23.60	25602.	-49.19	3.98	119.46	8.39	3.86	999.	999.9

7620.	22.78	25833.	-47.67	3.86	120.40	8.76	3.87	999.	999.9
7680.	22.02	26057.	-46.39	3.72	120.18	9.04	3.84	999.	999.9
7740.	21.27	26289.	-46.44	3.65	118.20	9.21	3.78	999.	999.9
7800.	20.51	26530.	-45.99	3.57	116.09	9.38	3.70	999.	999.9
7860.	19.78	26771.	-46.12	3.53	112.79	9.45	3.60	999.	999.9
7920.	19.03	27027.	-46.21	3.47	110.74	9.64	3.53	999.	999.9
7980.	18.29	27290.	-46.80	3.45	107.10	9.70	3.43	999.	999.9
8040.	17.55	27564.	-46.71	3.41	102.80	9.71	3.29	22.	7.3
8100.	16.85	27834.	-46.93	3.38	100.59	9.89	3.22	999.	999.9
8160.	16.19	28098.	-47.62	3.40	96.83	9.91	3.11	999.	999.9
8220.	15.61	28340.	-47.78	3.38	93.35	9.91	3.00	999.	999.9
8280.	15.06	28577.	-47.22	3.34	90.69	9.98	2.91	999.	999.9
8340.	14.50	28827.	-47.50	3.33	87.40	9.99	2.81	999.	999.9
8400.	13.95	29080.	-46.54	3.32	84.59	10.05	2.70	999.	999.9
8460.	13.42	29338.	-46.05	3.32	81.61	10.08	2.60	999.	999.9
8520.	12.94	29581.	-45.27	3.30	78.78	10.09	2.50	999.	999.9
8580.	12.46	29833.	-43.56	3.31	76.55	10.18	2.41	999.	999.9
8640.	12.01	30083.	-42.83	3.33	73.75	10.18	2.32	999.	999.9
8700.	11.59	30319.	-41.29	3.31	71.12	10.16	2.22	999.	999.9
8760.	11.21	30550.	-41.04	3.34	68.47	10.12	2.14	999.	999.9
8820.	10.83	30781.	-41.26	3.34	65.23	9.98	2.04	999.	999.9
8880.	10.42	31044.	-41.62	3.37	62.68	9.97	1.96	193.	18.2
8940.	10.04	31299.	-41.41	3.39	61.07	10.08	1.91	195.	39.5
9000.	9.70	31532.	-41.50	3.41	58.45	9.99	1.83	31.	5.8
9060.	9.36	31772.	-40.95	3.42	56.06	9.92	1.75	154.	2.2
9120.	9.06	31993.	-40.10	3.46	54.09	9.89	1.68	999.	999.9
9180.	8.77	32217.	-40.18	3.49	52.17	9.86	1.62	999.	999.9
9240.	8.51	32423.	-39.28	3.53	49.74	9.69	1.54	999.	999.9
9300.	8.28	32613.	-38.38	3.61	48.04	9.62	1.48	999.	999.9

arm00007 09/28/95 1834+43 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	970.47	315.	29.00	70.16	33.85	0.06	0.81	0.	0.0
60.	950.33	499.	25.00	72.57	40.57	0.07	0.99	208.	14.8
120.	926.34	721.	22.96	79.17	41.07	0.07	1.00	173.	24.5
180.	893.22	1035.	20.14	88.07	38.79	0.07	0.96	180.	26.5
240.	865.35	1308.	19.50	77.51	28.07	0.05	0.69	193.	24.3
300.	831.86	1644.	16.53	95.46	23.48	0.05	0.59	205.	21.7
360.	800.32	1971.	14.30	98.39	23.63	0.05	0.60	199.	20.0
420.	769.33	2302.	12.89	95.72	24.57	0.05	0.62	184.	22.5
480.	740.11	2625.	10.82	93.52	23.86	0.05	0.61	201.	21.2
540.	711.56	2952.	9.82	66.81	24.10	0.06	0.62	209.	23.1
600.	682.58	3295.	6.97	70.30	21.40	0.05	0.55	214.	25.0
660.	655.97	3619.	4.63	49.32	20.14	0.05	0.53	211.	25.4
720.	629.40	3954.	1.92	35.05	21.37	0.06	0.56	208.	24.1
780.	603.38	4293.	1.21	29.66	26.18	0.07	0.69	211.	21.7
840.	578.54	4630.	-0.65	26.28	26.72	0.08	0.71	214.	18.7
900.	554.41	4969.	-1.81	24.74	26.12	0.08	0.70	218.	16.3
960.	531.47	5304.	-2.44	6.86	25.44	0.08	0.68	241.	15.3
1020.	508.16	5658.	-4.37	3.35	24.60	0.08	0.66	229.	13.2
1080.	486.63	5997.	-6.89	3.47	16.05	0.05	0.44	203.	12.6
1140.	466.63	6323.	-9.24	3.20	16.27	0.06	0.45	224.	12.5
1200.	447.14	6650.	-12.16	3.38	15.45	0.06	0.43	231.	13.0
1260.	427.55	6991.	-15.35	3.51	14.20	0.06	0.40	231.	12.5
1320.	408.34	7335.	-18.67	3.82	13.30	0.05	0.38	227.	12.0
1380.	389.95	7677.	-21.29	3.53	13.68	0.06	0.39	225.	13.3
1440.	371.33	8035.	-24.01	3.55	12.59	0.06	0.37	231.	14.6
1500.	354.83	8365.	-26.47	3.49	10.86	0.05	0.32	239.	15.3
1560.	337.42	8726.	-29.24	3.67	10.28	0.05	0.31	230.	14.9
1620.	320.74	9087.	-31.47	3.59	10.50	0.05	0.31	220.	15.9
1680.	305.48	9430.	-34.26	3.60	10.32	0.06	0.31	218.	16.6
1740.	289.33	9807.	-36.75	3.75	10.17	0.06	0.31	222.	17.2
1800.	274.72	10164.	-38.88	3.66	9.18	0.06	0.28	212.	17.3
1860.	259.95	10541.	-41.41	3.70	8.85	0.06	0.28	185.	19.5
1920.	245.96	10914.	-44.28	3.73	11.02	0.07	0.35	64.	6.9

arm00008 09/29/95 1701+00 UT

Release Time: 17:10:33 UT

Time	Press	Alt	Temp	RH	Ozone	OzMixR	OzConcen	W-Dir	W-Spd
Secs	hPa	Geop m	Deg C	%	micmb	micgg	10^12/cm3	deg	mps
0.	973.68	315.	28.25	59.52	29.47	0.05	0.71	0.	5.0
60.	959.62	442.	24.16	59.05	32.58	0.06	0.79	330.	1.5
120.	925.39	756.	20.33	66.55	33.32	0.06	0.82	310.	2.2
180.	891.78	1072.	16.84	76.78	32.33	0.06	0.81	287.	3.2
240.	862.04	1359.	14.93	74.31	33.62	0.06	0.85	277.	4.7
300.	829.71	1683.	16.53	35.09	41.82	0.08	1.05	252.	7.6
360.	798.07	2011.	14.79	31.74	44.06	0.09	1.11	234.	10.0
420.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
480.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
540.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
600.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
660.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
720.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
780.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
840.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
900.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
960.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1020.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1140.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1200.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1260.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
1320.	393.21	99999.	-24.03	9.70	13.98	0.06	0.41	999.	999.9
1380.	373.26	99999.	-26.49	6.59	13.88	0.06	0.41	999.	999.9
1440.	355.93	99999.	-28.91	3.21	11.08	0.05	0.33	999.	999.9
1500.	339.39	99999.	-31.32	2.89	8.71	0.04	0.26	999.	999.9
1560.	323.32	99999.	-33.98	2.68	9.32	0.05	0.28	999.	999.9
1620.	308.75	99999.	-35.66	2.81	9.02	0.05	0.28	999.	999.9
1680.	294.49	99999.	-36.91	2.29	12.81	0.07	0.39	999.	999.9
1740.	280.27	99999.	-37.97	2.02	9.90	0.06	0.30	999.	999.9
1800.	265.85	99999.	-40.31	2.04	8.44	0.05	0.26	999.	999.9
1860.	252.04	99999.	-42.57	1.81	8.54	0.06	0.27	999.	999.9
1920.	238.86	99999.	-44.92	1.68	9.72	0.07	0.31	999.	999.9
1980.	226.67	99999.	-46.22	1.67	8.49	0.06	0.27	999.	999.9
2040.	214.78	99999.	-48.86	1.54	8.02	0.06	0.26	999.	999.9
2100.	204.20	99999.	-51.89	1.56	6.49	0.05	0.21	999.	999.9
2160.	193.87	99999.	-53.15	1.67	999.99	999.99	999.99	999.	999.9
2220.	183.31	99999.	-54.27	1.78	999.99	999.99	999.99	999.	999.9
2280.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2340.	161.92	99999.	-57.53	1.49	8.00	0.08	0.27	999.	999.9
2400.	152.33	99999.	-60.27	1.49	8.89	0.10	0.30	999.	999.9
2460.	143.41	99999.	-62.89	1.79	8.41	0.10	0.29	999.	999.9
2520.	135.11	99999.	-64.90	4.73	9.42	0.12	0.33	999.	999.9
2580.	127.44	99999.	-65.15	7.76	9.99	0.13	0.35	999.	999.9
2640.	120.65	99999.	-64.95	15.48	13.82	0.19	0.48	999.	999.9
2700.	112.57	99999.	-65.20	17.75	17.76	0.26	0.62	999.	999.9
2760.	105.40	99999.	-65.06	30.78	18.98	0.30	0.66	999.	999.9
2820.	98.77	99999.	-68.46	30.05	21.25	0.36	0.75	999.	999.9
2880.	92.78	99999.	-68.98	31.34	19.26	0.34	0.68	999.	999.9
2940.	86.64	99999.	-64.10	33.12	28.74	0.55	1.00	999.	999.9
3000.	81.17	99999.	-64.76	34.44	33.99	0.69	1.18	999.	999.9
3060.	76.41	99999.	-64.84	35.46	39.23	0.85	1.36	999.	999.9
3120.	72.06	99999.	-60.36	34.10	51.75	1.19	1.76	999.	999.9
3180.	68.21	99999.	-58.22	36.18	73.01	1.77	2.46	999.	999.9
3240.	64.31	99999.	-57.25	37.43	78.10	2.01	2.62	999.	999.9
3300.	60.36	99999.	-57.48	35.82	76.12	2.09	2.56	999.	999.9
3360.	56.67	99999.	-56.50	36.60	68.98	2.02	2.31	999.	999.9
3420.	53.21	99999.	-55.69	35.99	76.01	2.37	2.53	999.	999.9
3480.	49.99	99999.	-53.50	37.64	82.16	2.72	2.71	999.	999.9
3540.	47.05	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
3600.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9

3660.	41.96	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3720.	39.44	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3780.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3840.	34.90	99999.	-50.16	38.86	118.29	5.62	3.84	999.999.9
3900.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
3960.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4020.	29.11	99999.	-45.89	38.43	128.86	7.33	4.11	999.999.9
4080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4140.	25.78	99999.	-45.98	35.92	133.47	8.58	4.26	999.999.9
4200.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4260.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4320.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4380.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4440.	19.07	99999.	-47.12	23.97	114.22	9.93	3.66	999.999.9
4500.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4560.	16.87	99999.	-44.78	9.38	111.01	10.91	3.52	999.999.9
4620.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4680.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4740.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4800.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4860.	12.31	99999.	-44.31	0.63	78.72	10.59	2.49	999.999.9
4920.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
4980.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.999.9
5040.	10.20	99999.	-43.25	0.60	63.70	10.35	2.01	999.999.9
5100.	9.59	99999.	-43.99	0.59	60.28	10.42	1.91	999.999.9
5160.	9.00	99999.	-41.93	0.68	56.10	10.33	1.76	999.999.9
5220.	8.44	99999.	-41.23	0.68	52.95	10.40	1.65	999.999.9
5280.	7.93	99999.	-40.68	0.69	48.89	10.22	1.52	999.999.9

arm00009 09/30/95 1710+33 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	981.52	315.	24.03	34.40	31.21	0.05	0.76	187.	2.8
60.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	301.	39.0
120.	918.14	887.	16.76	33.34	33.58	0.06	0.84	294.	11.6
180.	877.29	1272.	14.02	32.38	34.04	0.06	0.86	120.	2.2
240.	842.70	1609.	12.34	31.44	33.75	0.07	0.86	127.	7.1
300.	810.80	1930.	10.41	30.59	28.82	0.06	0.74	114.	2.0
360.	776.92	2283.	8.88	30.23	31.96	0.07	0.82	317.	2.8
420.	743.45	2645.	7.00	29.45	34.48	0.08	0.89	307.	7.0
480.	712.25	2996.	4.63	29.80	33.27	0.08	0.87	300.	5.1
540.	680.96	3360.	2.90	29.27	35.88	0.09	0.94	227.	3.1
600.	652.09	3710.	1.89	29.21	38.78	0.10	1.02	240.	5.9
660.	625.12	4050.	1.17	29.00	44.47	0.12	1.17	222.	9.2
720.	598.45	4399.	0.89	28.07	29.45	0.08	0.78	214.	11.2
780.	572.50	4753.	-1.63	28.45	15.78	0.05	0.42	211.	12.5
840.	548.51	5092.	-4.10	28.27	15.28	0.05	0.41	218.	14.4
900.	523.38	5459.	-6.85	28.11	14.42	0.05	0.39	210.	15.2
960.	500.49	5806.	-9.70	27.70	13.63	0.05	0.37	197.	15.9
1020.	477.59	6165.	-12.81	27.46	15.65	0.05	0.44	208.	15.9
1080.	455.29	6528.	-15.46	26.46	15.41	0.06	0.43	212.	18.0
1140.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	242.	19.8
1200.	412.86	7257.	-21.55	26.71	9.90	0.04	0.29	195.	21.3
1260.	393.01	7618.	-24.40	26.37	7.97	0.03	0.23	204.	20.5
1320.	374.42	7969.	-26.92	26.44	10.51	0.05	0.31	224.	19.9
1380.	356.35	8324.	-29.32	24.56	12.31	0.06	0.37	211.	19.6
1440.	338.47	8689.	-32.11	25.84	11.09	0.05	0.33	206.	20.2
1500.	320.61	9069.	-35.30	26.40	9.08	0.05	0.28	199.	20.0
1560.	304.10	9435.	-38.07	25.56	9.03	0.05	0.28	208.	20.4
1620.	287.26	9824.	-41.24	25.56	7.90	0.05	0.25	210.	22.0
1680.	271.27	10211.	-42.82	23.84	13.49	0.08	0.42	201.	24.6
1740.	256.78	10579.	-45.42	26.08	12.84	0.08	0.41	239.	25.5
1800.	242.22	10968.	-46.00	24.29	11.36	0.08	0.36	234.	25.8
1860.	227.79	11374.	-48.53	24.67	8.48	0.06	0.27	243.	28.2
1920.	214.82	11758.	-50.64	24.62	8.70	0.07	0.28	217.	28.4
1980.	202.27	12148.	-52.53	23.91	9.06	0.07	0.30	219.	28.0
2040.	190.35	12539.	-54.82	26.84	6.99	0.06	0.23	233.	28.5
2100.	178.17	12962.	-55.71	22.41	9.77	0.09	0.33	218.	27.3
2160.	167.20	13365.	-56.91	22.60	9.91	0.10	0.33	243.	32.2
2220.	157.48	13742.	-59.07	23.12	9.82	0.10	0.33	193.	29.8
2280.	147.69	14142.	-61.15	23.33	9.93	0.11	0.34	219.	28.2
2340.	138.28	14549.	-62.67	19.66	8.80	0.11	0.30	186.	32.9
2400.	130.18	14919.	-64.91	21.28	11.71	0.15	0.41	231.	28.0
2460.	121.77	15324.	-67.03	23.30	5.92	0.08	0.21	213.	24.8
2520.	113.71	15736.	-68.88	31.37	19.34	0.28	0.69	229.	22.3
2580.	106.01	16156.	-69.67	28.30	21.31	0.33	0.76	229.	17.8
2640.	99.19	16554.	-68.21	27.08	22.14	0.37	0.78	173.	18.7
2700.	92.96	16943.	-69.90	34.67	25.30	0.45	0.90	173.	20.8
2760.	87.40	17311.	-68.10	35.12	35.16	0.67	1.24	228.	15.9
2820.	81.46	17734.	-68.09	34.53	39.75	0.81	1.40	214.	15.9
2880.	76.14	18143.	-65.01	37.31	38.75	0.84	1.35	255.	15.9
2940.	71.51	18530.	-60.26	37.19	52.12	1.21	1.77	157.	12.9
3000.	67.04	18935.	-58.77	39.27	58.76	1.45	1.99	239.	6.9

arm000010 10/01/95 1817+38 UT

Time	Press	Alt	Temp	RH	Ozone	OzMixR	OzConcen	W-Dir	W-Spd
Secs	hPa	Geop m	Deg C	%	micmb	micgg	10 ¹² /cm ³	deg	mps
0.	968.78	315.	17.69	12.68	31.56	0.05	0.79	0.	0.0
60.	931.96	643.	14.92	12.68	37.59	0.07	0.95	165.	16.0
120.	893.10	1001.	14.25	12.72	41.75	0.08	1.05	177.	17.7
180.	859.43	1326.	15.90	12.50	47.71	0.09	1.20	182.	17.4
240.	828.57	1635.	14.15	12.50	45.97	0.09	1.16	198.	16.2
300.	798.35	1946.	13.09	12.38	45.35	0.09	1.15	206.	14.6
360.	765.18	2300.	12.99	12.25	41.17	0.09	1.04	225.	12.1
420.	733.66	2652.	10.87	12.13	34.63	0.08	0.88	225.	10.8
480.	705.61	2974.	7.85	12.07	34.16	0.08	0.88	235.	12.3
540.	674.60	3342.	5.11	11.93	30.47	0.07	0.79	241.	14.0
600.	644.45	3713.	3.44	11.90	32.31	0.08	0.85	245.	17.6
660.	617.83	4055.	2.93	11.61	27.86	0.07	0.73	248.	18.3
720.	592.66	4389.	0.68	11.53	24.52	0.07	0.65	247.	16.1
780.	570.32	4696.	-0.83	11.38	23.47	0.07	0.62	257.	19.0
840.	546.77	5031.	-3.27	11.29	29.55	0.09	0.79	261.	19.6
900.	523.55	5373.	-4.48	11.05	22.32	0.07	0.60	252.	20.3
960.	502.04	5701.	-6.52	10.96	23.00	0.08	0.62	249.	20.8
1020.	481.33	6029.	-8.17	10.84	19.80	0.07	0.54	252.	21.1
1080.	459.67	6384.	-11.31	10.73	17.56	0.06	0.49	253.	22.0
1140.	438.79	6738.	-14.63	10.65	16.41	0.06	0.46	257.	22.2
1200.	418.99	7085.	-17.67	10.49	16.05	0.06	0.46	257.	23.5
1260.	399.62	7437.	-20.95	10.40	14.91	0.06	0.43	263.	23.9
1320.	379.90	7808.	-24.43	10.32	13.05	0.06	0.38	264.	25.0
1380.	362.73	8143.	-27.23	10.22	11.86	0.05	0.35	265.	24.9
1440.	346.96	8461.	-29.27	10.13	10.05	0.05	0.30	258.	24.5
1500.	330.10	8815.	-31.70	10.10	10.91	0.05	0.33	247.	24.4
1560.	313.80	9171.	-34.23	9.99	11.06	0.06	0.34	245.	25.9
1620.	298.13	9527.	-37.21	10.08	12.97	0.07	0.40	251.	26.7
1680.	283.29	9877.	-40.00	10.19	11.67	0.07	0.36	250.	27.8
1740.	269.62	10214.	-42.11	10.35	10.30	0.06	0.32	244.	27.6
1800.	256.55	10548.	-44.68	10.51	9.66	0.06	0.31	237.	27.5
1860.	243.97	10882.	-47.01	10.72	11.20	0.08	0.36	234.	30.9
1920.	231.74	11221.	-48.89	10.96	11.26	0.08	0.36	240.	32.2
1980.	219.43	11578.	-51.40	10.96	8.39	0.06	0.27	247.	32.3
2040.	207.27	11947.	-51.61	11.12	10.54	0.08	0.34	249.	29.5
2100.	195.41	12329.	-53.01	11.39	13.47	0.11	0.44	256.	26.3
2160.	184.89	12684.	-54.34	11.59	13.51	0.12	0.45	257.	22.7
2220.	175.16	13029.	-56.04	11.76	13.88	0.13	0.46	241.	21.9
2280.	165.50	13388.	-58.03	11.91	16.25	0.16	0.55	237.	25.4
2340.	156.76	13728.	-59.79	12.08	20.42	0.22	0.69	242.	28.7
2400.	147.79	14095.	-61.03	12.22	23.10	0.26	0.79	246.	31.1
2460.	138.94	14477.	-62.58	12.32	24.21	0.29	0.83	241.	32.6
2520.	130.77	14849.	-64.12	12.57	21.34	0.27	0.74	241.	33.5
2580.	122.84	15231.	-65.70	12.66	16.94	0.23	0.59	241.	36.9
2640.	115.74	15591.	-66.66	12.74	16.02	0.23	0.56	242.	35.7
2700.	108.96	15956.	-66.31	12.91	25.75	0.39	0.90	239.	31.4
2760.	101.94	16357.	-68.03	13.21	27.67	0.45	0.98	238.	32.5
2820.	95.90	16725.	-66.41	13.14	42.49	0.73	1.49	238.	27.7
2880.	90.35	17087.	-65.49	13.24	50.36	0.92	1.76	240.	21.0
2940.	85.18	17446.	-65.18	13.18	51.65	1.00	1.80	243.	15.7
3000.	79.26	17883.	-65.52	13.40	57.77	1.21	2.02	221.	13.6
3060.	74.36	18276.	-61.24	13.33	68.22	1.52	2.33	190.	15.0
3120.	69.96	18653.	-60.86	13.40	60.39	1.43	2.06	208.	16.8
3180.	66.08	19012.	-57.00	13.24	73.14	1.83	2.45	247.	11.9
3240.	62.02	19414.	-57.13	13.22	74.46	1.99	2.50	252.	9.5
3300.	58.00	19835.	-58.24	13.06	75.71	2.16	2.55	215.	5.1
3360.	54.27	20254.	-58.12	13.04	78.92	2.41	2.66	186.	7.2
3420.	50.98	20647.	-56.82	13.13	88.35	2.87	2.96	230.	5.8
3480.	47.90	21043.	-56.79	12.87	94.57	3.27	3.17	162.	2.8
3540.	44.86	21458.	-56.24	12.85	101.48	3.75	3.39	164.	6.0
3600.	42.10	21862.	-55.83	13.04	107.30	4.22	3.58	163.	5.7

3660.	39.49	22272.	-54.12	12.74	117.62	4.94	3.89	162.	5.3
3720.	36.92	22703.	-52.69	12.76	122.40	5.49	4.02	195.	5.6
3780.	34.60	23125.	-51.05	12.72	125.38	6.00	4.09	170.	3.0
3840.	32.30	23570.	-52.00	12.54	126.69	6.50	4.15	80.	2.7
3900.	30.20	24006.	-51.93	12.30	130.80	7.18	4.28	86.	6.8
3960.	28.23	24444.	-51.84	12.21	128.03	7.52	4.19	104.	9.2
4020.	26.38	24884.	-51.11	12.10	121.15	7.61	3.95	118.	9.5
4080.	24.68	25318.	-49.88	11.94	126.51	8.50	4.10	131.	8.1
4140.	23.11	25747.	-49.87	11.85	124.75	8.94	4.05	141.	5.0
4200.	21.63	26179.	-48.70	11.67	119.11	9.12	3.84	171.	3.6
4260.	20.23	26623.	-47.36	11.59	116.10	9.51	3.72	250.	2.6
4320.	18.78	27112.	-46.99	11.40	112.95	9.97	3.62	243.	4.5
4380.	17.57	27554.	-46.98	11.21	107.56	10.14	3.44	239.	2.2
4440.	16.34	28034.	-45.97	11.07	100.32	10.17	3.20	178.	3.6
4500.	15.24	28500.	-44.65	11.00	95.37	10.37	3.02	173.	6.6
4560.	14.31	28920.	-43.59	10.98	91.68	10.61	2.89	167.	8.9
4620.	13.43	29347.	-42.56	10.86	88.24	10.88	2.77	198.	5.8
4680.	12.56	29804.	-41.92	10.90	81.42	10.74	2.55	234.	4.2
4740.	11.78	30235.	-41.79	10.83	75.68	10.64	2.37	234.	3.2
4800.	11.05	30669.	-41.60	10.66	69.52	10.42	2.17	205.	5.0
4860.	10.40	31085.	-40.99	10.62	65.86	10.50	2.05	237.	4.8
4920.	9.75	31523.	-41.30	10.65	61.83	10.51	1.93	225.	2.9
4980.	9.12	31971.	-41.83	10.48	58.28	10.59	1.82	253.	2.0
5040.	8.55	32409.	-39.15	10.44	55.89	10.83	1.73	264.	5.0
5100.	8.04	32836.	-38.51	10.47	52.26	10.78	1.61	240.	7.9
5160.	7.55	33261.	-39.10	10.41	48.00	10.53	1.49	241.	9.9

arm00011 10/04/95 1505+36 UT

arm00012 10/05/95 1549+36 UT

arm00013 10/05/95 9999+99 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	979.35	315.	18.37	34.39	25.49	0.04	0.63	320.	8.2
60.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	102.	19.7
120.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	274.	10.0
180.	951.06	563.	14.47	47.39	31.90	0.06	0.80	326.	9.0
240.	907.37	956.	10.77	58.85	31.97	0.06	0.82	324.	9.3
300.	865.22	1349.	7.13	74.04	30.00	0.06	0.78	317.	8.5
360.	835.93	1630.	4.24	90.88	28.98	0.06	0.76	317.	11.1
420.	806.08	1927.	6.32	44.31	36.10	0.07	0.94	310.	13.1
480.	774.35	2255.	4.98	39.99	34.92	0.07	0.91	311.	12.9
540.	741.38	2608.	3.07	42.16	35.56	0.08	0.93	314.	13.5
600.	710.32	2953.	1.83	36.08	34.44	0.08	0.91	312.	13.9
660.	681.35	3287.	-0.19	33.69	32.09	0.08	0.85	313.	14.2
720.	652.81	3627.	-2.61	34.26	31.39	0.08	0.84	311.	14.7
780.	626.37	3954.	-3.85	27.73	32.88	0.09	0.88	308.	15.8
840.	601.05	4278.	-5.39	20.03	30.93	0.09	0.84	302.	17.5
900.	576.67	4602.	-6.18	8.26	36.55	0.11	0.99	302.	20.8
960.	553.09	4928.	-7.40	7.99	24.93	0.07	0.68	304.	22.8
1020.	530.38	5253.	-8.87	7.70	35.43	0.11	0.97	302.	23.9
1080.	506.72	5605.	-10.36	7.67	30.67	0.10	0.85	303.	25.8
1140.	483.68	5961.	-13.13	7.92	26.58	0.09	0.74	307.	26.8
1200.	461.97	6309.	-16.33	8.84	21.81	0.08	0.62	302.	28.4
1260.	441.66	6645.	-18.76	12.04	18.85	0.07	0.54	298.	29.3
1320.	422.41	6975.	-21.55	12.56	19.25	0.08	0.55	298.	29.0
1380.	404.30	7296.	-24.43	13.38	18.83	0.08	0.55	299.	28.7
1440.	385.86	7635.	-26.08	10.98	17.99	0.08	0.53	300.	30.9
1500.	367.33	7989.	-28.85	12.10	17.46	0.08	0.52	297.	32.4
1560.	350.32	8326.	-31.67	12.72	16.87	0.08	0.51	297.	33.8
1620.	333.57	8670.	-34.63	13.39	14.44	0.07	0.44	294.	34.1
1680.	317.56	9012.	-36.81	13.72	15.57	0.08	0.48	290.	33.7
1740.	300.43	9393.	-39.81	14.10	13.26	0.07	0.41	290.	34.7
1800.	285.82	9732.	-41.76	14.47	17.09	0.10	0.53	287.	32.7
1860.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	279.	30.6
1920.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	274.	29.9
1980.	243.52	10817.	-42.50	12.41	20.15	0.14	0.63	273.	31.5
2040.	230.29	11193.	-43.46	12.25	16.48	0.12	0.52	271.	35.1
2100.	218.38	11550.	-45.10	11.91	14.83	0.11	0.47	267.	34.4
2160.	207.05	11903.	-47.03	12.14	14.45	0.12	0.46	264.	34.0
2220.	196.66	12243.	-49.11	12.16	9.22	0.08	0.30	263.	36.6
2280.	186.76	12581.	-50.01	12.20	10.15	0.09	0.33	263.	37.3
2340.	176.47	12950.	-51.46	12.15	10.67	0.10	0.35	261.	37.7
2400.	167.29	13295.	-53.82	12.46	12.09	0.12	0.40	262.	36.4
2460.	158.32	13647.	-55.20	12.98	16.13	0.17	0.54	265.	34.2
2520.	149.20	14024.	-56.90	12.94	16.98	0.19	0.57	263.	31.5
2580.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	254.	30.8
2640.	133.15	14739.	-60.22	13.20	19.54	0.24	0.66	252.	31.3
2700.	125.86	15089.	-61.55	13.43	25.10	0.33	0.86	257.	31.4
2760.	118.77	15447.	-63.17	13.67	23.06	0.32	0.80	264.	30.3
2820.	111.80	15817.	-65.24	13.97	25.57	0.38	0.89	269.	26.5
2880.	105.05	16195.	-66.21	14.51	27.76	0.44	0.97	258.	24.1
2940.	99.20	16542.	-65.41	14.63	34.69	0.58	1.21	250.	23.6
3000.	93.63	16894.	-66.38	14.06	33.04	0.58	1.16	251.	21.7
3060.	87.01	17338.	-66.32	13.93	35.63	0.68	1.25	263.	13.5
3120.	81.91	17703.	-67.60	13.96	39.11	0.79	1.38	257.	13.7
3180.	76.98	18078.	-65.33	14.17	50.03	1.08	1.74	248.	18.1
3240.	72.48	18444.	-64.51	13.37	52.41	1.20	1.82	260.	15.8
3300.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	257.	10.7
3360.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	229.	4.8
3420.	59.42	19677.	-60.56	12.91	71.24	1.99	2.43	146.	1.6
3480.	55.74	20073.	-60.64	12.53	80.31	2.39	2.74	172.	4.3
3540.	52.56	20440.	-58.30	12.12	88.21	2.78	2.97	156.	5.4
3600.	49.65	20800.	-57.81	11.93	93.07	3.11	3.13	163.	5.6

3660.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	135.	3.8
3720.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	143.	3.4
3780.	41.33	21959.	-57.72	11.80	108.91	4.37	3.66	123.	1.6
3840.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	111.	2.3
3900.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	71.	4.0
3960.	34.44	23119.	-54.44	11.32	128.73	6.19	4.26	79.	6.3
4020.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	124.	5.1
4080.	30.56	23886.	-53.46	10.76	130.37	7.07	4.30	119.	1.7
4140.	28.80	24268.	-51.91	10.48	127.85	7.36	4.19	107.	2.0
4200.	27.12	24658.	-52.30	10.48	124.14	7.58	4.07	103.	2.5
4260.	25.50	25055.	-52.01	10.46	130.13	8.46	4.26	69.	3.2
4320.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	59.	3.5
4380.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	40.	2.3
4440.	21.11	26282.	-50.97	9.97	121.74	9.56	3.97	95.	2.1
4500.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	322.	0.2
4560.	18.65	27092.	-48.79	9.38	114.43	10.17	3.69	197.	1.7
4620.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	284.	2.1
4680.	16.47	27909.	-48.67	9.23	100.74	10.14	3.25	306.	2.1
4740.	15.51	28302.	-48.65	9.11	94.50	10.10	3.05	351.	2.9
4800.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	25.	4.5
4860.	13.65	29141.	-48.48	9.01	83.56	10.14	2.69	48.	2.8
4920.	12.79	29570.	-47.97	8.91	78.04	10.11	2.51	38.	1.6
4980.	12.01	29989.	-46.98	8.64	73.81	10.19	2.36	62.	4.4
5040.	9999.99	999999.	999.99	999.99	999.99	999.99	999.99	58.	3.7
5100.	10.52	30869.	-45.39	8.25	66.16	10.43	2.10	38.	3.2
5160.	9.84	31311.	-43.53	8.30	63.86	10.75	2.01	31.	3.1
5220.	9.26	31722.	-42.90	8.02	56.63	10.13	1.78	17.	3.8

arm000014 10/06/95 2058+22 UT

orm00015 10/11/95 1630+00 UT

Ozonesonde Data - ARM Site, Oklahoma

Date: 10/11/95

Release Time: 18:29:42 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10^12/cm3	W-Dir deg	W-Spd mps
0.	984.62	315.	31.41	38.49	72.63	0.12	1.73	340.	0.0
60.	953.67	597.	26.65	45.46	70.89	0.12	1.71	193.	6.0
120.	923.96	873.	24.05	49.46	69.98	0.13	1.71	177.	6.1
180.	889.28	1204.	21.10	59.55	70.71	0.13	1.74	182.	8.2
240.	859.58	1495.	18.94	45.77	50.65	0.10	1.26	187.	9.9
300.	830.22	1792.	16.95	46.28	44.84	0.09	1.12	198.	8.0
360.	797.98	2127.	14.32	59.05	44.30	0.09	1.12	207.	8.3
420.	764.82	2482.	10.85	72.46	43.95	0.10	1.12	217.	9.1
480.	733.06	2833.	9.81	8.69	41.06	0.09	1.05	229.	7.1
540.	702.86	3180.	7.19	9.16	40.43	0.10	1.04	246.	6.9
600.	674.13	3521.	5.07	9.39	39.04	0.10	1.02	253.	5.7
660.	645.93	3867.	2.10	9.14	33.79	0.09	0.89	233.	2.9
720.	619.06	4209.	1.00	3.77	35.66	0.10	0.94	162.	3.8
780.	592.76	4558.	0.52	4.81	27.70	0.08	0.73	124.	2.6
840.	567.40	4907.	-1.32	4.61	20.50	0.06	0.55	76.	2.9
900.	542.29	5266.	-3.52	4.77	18.94	0.06	0.51	41.	4.7
960.	519.16	5609.	-6.25	6.20	10.27	0.03	0.28	16.	5.6
1020.	496.12	5962.	-8.83	5.76	5.63	0.02	0.15	359.	7.6
1080.	474.17	6310.	-11.41	7.98	0.62	0.00	0.02	3.	10.0
1140.	452.77	6662.	-14.00	7.49	999.99	999.99	999.99	12.	9.8
1200.	431.68	7022.	-16.23	5.62	999.99	999.99	999.99	43.	8.1
1260.	411.97	7372.	-19.06	5.01	999.99	999.99	999.99	38.	8.2
1320.	393.58	7710.	-22.10	4.69	999.99	999.99	999.99	26.	7.2
1380.	375.59	8052.	-24.95	5.38	999.99	999.99	999.99	36.	5.8
1440.	358.44	8389.	-27.77	5.51	999.99	999.99	999.99	45.	5.4
1500.	341.31	8739.	-30.91	5.59	999.99	999.99	999.99	28.	6.3
1560.	324.60	9092.	-34.03	6.84	999.99	999.99	999.99	25.	7.0
1620.	308.58	9444.	-36.78	7.19	999.99	999.99	999.99	37.	7.6
1680.	293.02	9800.	-39.91	7.96	999.99	999.99	999.99	39.	8.0
1740.	277.84	10161.	-42.71	8.24	999.99	999.99	999.99	48.	7.5
1800.	262.94	10530.	-45.65	8.13	999.99	999.99	999.99	52.	7.0
1860.	249.60	10876.	-46.68	7.91	999.99	999.99	999.99	54.	6.9
1920.	236.04	11244.	-49.13	7.99	999.99	999.99	999.99	64.	6.4
1980.	223.09	11613.	-50.72	8.07	999.99	999.99	999.99	56.	4.5
2040.	211.82	11949.	-52.43	8.19	999.99	999.99	999.99	319.	3.7
2100.	199.87	12323.	-53.36	8.16	999.99	999.99	999.99	320.	10.2
2160.	189.07	12679.	-55.96	7.61	999.99	999.99	999.99	328.	10.6
2220.	178.90	13031.	-55.03	7.77	999.99	999.99	999.99	325.	6.9
2280.	169.75	13366.	-55.98	7.60	999.99	999.99	999.99	268.	2.3
2340.	161.38	13686.	-57.87	7.74	999.99	999.99	999.99	207.	6.3
2400.	152.86	14026.	-58.94	7.48	999.99	999.99	999.99	223.	10.7
2460.	144.12	14393.	-62.05	8.08	999.99	999.99	999.99	246.	12.6
2520.	136.44	14729.	-64.49	8.07	999.99	999.99	999.99	268.	15.0
2580.	128.48	15095.	-65.49	8.19	999.99	999.99	999.99	293.	14.6
2640.	121.41	15438.	-66.44	8.10	999.99	999.99	999.99	290.	9.0
2700.	114.84	15774.	-67.63	8.41	999.99	999.99	999.99	252.	7.6
2760.	108.65	16107.	-67.36	8.65	999.99	999.99	999.99	268.	12.0
2820.	102.41	16462.	-68.81	8.29	999.99	999.99	999.99	284.	12.4
2880.	96.39	16823.	-70.70	8.69	999.99	999.99	999.99	283.	9.7
2940.	90.30	17208.	-72.22	9.04	999.99	999.99	999.99	274.	7.1
3000.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	249.	7.6
3060.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	232.	9.5
3120.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	248.	10.3

arm00016 10/11/95 1829+42 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	981.76	315.	31.41	31.12	75.18	0.13	1.79	0.	0.0
60.	935.88	738.	27.02	36.55	67.45	0.12	1.63	194.	7.4
120.	898.84	1091.	23.67	43.59	64.98	0.12	1.59	196.	7.9
180.	864.42	1429.	20.54	50.43	62.36	0.12	1.54	203.	6.8
240.	830.55	1770.	17.16	57.42	59.94	0.12	1.50	207.	6.7
300.	795.47	2135.	14.36	55.97	50.28	0.10	1.27	226.	8.4
360.	758.06	2538.	11.10	44.71	44.59	0.10	1.14	242.	8.2
420.	720.73	2957.	9.22	10.73	40.65	0.09	1.04	246.	6.5
480.	684.84	3377.	6.20	10.59	39.44	0.10	1.02	264.	4.6
540.	653.36	3760.	3.33	9.82	34.35	0.09	0.90	245.	3.8
600.	626.05	4106.	4.20	6.17	32.54	0.09	0.85	211.	3.3
660.	596.26	4500.	1.89	6.89	22.23	0.06	0.59	152.	0.8
720.	568.96	4876.	-0.66	10.19	23.49	0.07	0.62	124.	3.4
780.	541.55	5268.	-3.79	7.04	24.13	0.07	0.65	64.	2.7
840.	514.37	5671.	-6.94	8.03	22.94	0.07	0.62	13.	3.9
900.	488.56	6070.	-10.28	9.60	19.87	0.07	0.55	12.	5.6
960.	464.39	6459.	-12.62	8.44	21.13	0.08	0.59	25.	8.4
1020.	441.29	6846.	-15.54	10.19	19.95	0.07	0.56	26.	8.0
1080.	419.39	7227.	-18.50	9.81	17.33	0.07	0.49	60.	5.9
1140.	397.57	7623.	-21.64	8.43	16.76	0.07	0.48	60.	4.6
1200.	376.49	8021.	-24.87	8.76	16.08	0.07	0.47	17.	2.4
1260.	356.65	8412.	-28.10	8.20	13.44	0.06	0.40	6.	3.1
1320.	337.37	8808.	-31.49	8.79	14.78	0.07	0.44	3.	5.5
1380.	319.11	9198.	-34.66	10.08	13.22	0.07	0.40	19.	5.2
1440.	301.62	9589.	-37.65	9.88	10.55	0.06	0.32	13.	4.8
1500.	284.37	9992.	-40.86	10.83	11.52	0.07	0.36	36.	4.3
1560.	267.53	10404.	-44.26	10.87	13.40	0.08	0.42	65.	4.1
1620.	250.95	10831.	-46.54	11.30	12.82	0.08	0.41	71.	4.9
1680.	235.03	11262.	-49.55	10.60	9.79	0.07	0.32	71.	4.7
1740.	219.94	11695.	-50.85	11.25	13.47	0.10	0.44	7.	2.1
1800.	205.06	12149.	-52.31	11.19	8.36	0.07	0.27	325.	6.7
1860.	194.84	12479.	-52.76	11.18	12.96	0.11	0.43	304.	7.0
1920.	187.36	12731.	-54.04	11.55	13.98	0.12	0.46	280.	5.6
1980.	179.88	12993.	-54.72	11.28	13.80	0.13	0.46	261.	5.8
2040.	172.50	13259.	-56.26	11.17	14.78	0.14	0.49	230.	6.1
2100.	165.47	13523.	-56.67	10.70	12.78	0.13	0.43	212.	11.7
2160.	157.67	13828.	-59.13	12.02	13.88	0.15	0.47	227.	15.5
2220.	150.32	14125.	-61.20	12.47	10.89	0.12	0.37	234.	16.5
2280.	144.35	14375.	-62.84	10.51	11.31	0.13	0.39	244.	16.0
2340.	138.43	14632.	-64.69	12.22	12.67	0.15	0.44	261.	14.5
2400.	132.55	14897.	-64.15	12.38	11.47	0.14	0.40	287.	13.1
2460.	127.04	15157.	-64.16	10.93	9.83	0.13	0.34	291.	12.6
2520.	122.01	15403.	-64.46	11.92	11.59	0.16	0.40	276.	11.9
2580.	116.79	15670.	-65.20	11.52	11.46	0.16	0.40	261.	12.2
2640.	111.14	15970.	-67.84	10.67	12.36	0.18	0.44	260.	13.6
2700.	106.21	16242.	-69.49	12.68	12.78	0.20	0.45	265.	12.3
2760.	101.72	16500.	-69.09	11.97	14.02	0.23	0.50	268.	11.1
2820.	97.48	16753.	-69.08	12.05	17.36	0.30	0.62	278.	9.8
2880.	93.31	17014.	-69.67	11.53	17.58	0.31	0.63	277.	7.7
2940.	89.17	17283.	-71.83	13.45	17.45	0.32	0.63	256.	9.1
3000.	85.42	17537.	-71.56	12.85	22.91	0.44	0.82	251.	10.7
3060.	81.72	17799.	-71.03	12.86	28.69	0.58	1.03	249.	9.3
3120.	78.18	18061.	-70.28	12.77	37.45	0.79	1.34	260.	8.4
3180.	74.70	18332.	-69.47	12.89	49.04	1.09	1.74	255.	5.1
3240.	71.50	18594.	-68.72	12.15	62.59	1.45	2.22	246.	5.8
3300.	68.36	18862.	-68.67	12.06	50.36	1.22	1.78	236.	5.6
3360.	65.50	19120.	-67.19	11.24	69.36	1.75	2.44	194.	6.7
3420.	62.65	19388.	-67.24	11.62	69.12	1.83	2.43	207.	7.5
3480.	59.85	19664.	-65.03	10.96	63.26	1.75	2.20	249.	7.7
3540.	57.26	19935.	-63.29	10.65	64.75	1.87	2.23	276.	6.4
3600.	54.79	20207.	-61.79	10.39	75.38	2.28	2.58	284.	2.4

3660.	52.46	20478.	-59.70	9.41	82.24	2.60	2.79	191.	2.5
3720.	50.20	20752.	-59.51	9.22	86.33	2.85	2.93	172.	2.1
3780.	48.01	21032.	-59.49	9.02	90.80	3.13	3.08	102.	1.9
3840.	45.85	21319.	-59.76	9.01	93.44	3.38	3.17	136.	2.7
3900.	43.75	21612.	-60.34	10.03	96.72	3.66	3.29	218.	4.7
3960.	41.72	21910.	-58.11	9.11	103.19	4.10	3.48	258.	4.0
4020.	39.81	22205.	-58.42	9.65	104.74	4.36	3.53	260.	3.0
4080.	37.93	22510.	-58.06	9.49	105.76	4.62	3.56	117.	1.7
4140.	36.17	22809.	-57.72	9.23	102.48	4.70	3.45	140.	2.8
4200.	34.61	23088.	-55.49	8.96	117.34	5.62	3.90	127.	2.6
4260.	33.13	23367.	-54.80	8.82	121.65	6.09	4.04	142.	4.9
4320.	31.67	23656.	-54.10	8.59	125.12	6.55	4.14	160.	3.0
4380.	30.19	23963.	-53.33	8.48	124.71	6.84	4.11	258.	3.7
4440.	28.75	24278.	-54.02	8.30	119.58	6.89	3.95	287.	4.0
4500.	27.31	24608.	-54.36	8.06	109.42	6.64	3.62	298.	3.5
4560.	26.01	24918.	-53.91	8.16	112.27	7.15	3.71	29.	1.3
4620.	24.75	25239.	-52.85	7.45	114.00	7.63	3.75	76.	2.7
4680.	23.59	25550.	-51.92	7.75	129.51	9.10	4.24	105.	3.1
4740.	22.48	25862.	-51.76	7.95	128.67	9.49	4.21	133.	2.2

arm000017 10/11/95 2126+37 UT

Ozonesonde Data - ARM Site, Oklahoma
Flight-ID: arm00018 Date: 10/12/95 Release Time: 16:35:34 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	980.62	315.	26.00	43.47	56.00	0.09	1.36	200.	7.8
60.	945.67	631.	23.57	50.90	61.73	0.11	1.51	210.	14.8
120.	916.90	899.	22.76	45.98	65.64	0.12	1.61	217.	16.4
180.	883.08	1224.	21.23	42.22	54.33	0.10	1.34	228.	14.7
240.	849.28	1559.	19.00	39.14	50.65	0.10	1.26	229.	12.7
300.	817.03	1889.	16.94	30.82	41.78	0.08	1.04	219.	9.8
360.	785.68	2220.	13.96	36.24	40.80	0.09	1.03	211.	10.2
420.	755.37	2549.	11.18	33.32	37.88	0.08	0.97	220.	10.2
480.	727.00	2866.	8.23	34.19	34.67	0.08	0.89	224.	11.0
540.	698.27	3196.	4.84	40.34	31.29	0.07	0.82	225.	10.8
600.	671.29	3517.	6.33	5.43	33.92	0.08	0.88	205.	6.5
660.	645.35	3840.	6.46	5.15	31.44	0.08	0.81	185.	5.5
720.	620.77	4157.	5.19	6.45	24.46	0.07	0.64	197.	3.7
780.	595.45	4494.	2.22	7.56	23.17	0.06	0.61	205.	2.8
840.	571.43	4824.	-0.59	8.25	22.88	0.07	0.61	207.	1.8
900.	547.93	5158.	-2.54	6.77	24.28	0.07	0.65	198.	1.2
960.	524.65	5500.	-4.65	5.40	23.89	0.08	0.64	148.	3.2
1020.	502.75	5834.	-7.41	5.10	24.81	0.08	0.68	125.	3.9
1080.	481.30	6171.	-10.57	5.55	23.83	0.08	0.66	99.	2.4
1140.	459.39	6528.	-12.46	4.77	19.70	0.07	0.55	12.	3.2
1200.	438.29	6884.	-15.79	4.95	16.29	0.06	0.46	1.	4.3
1260.	418.05	7238.	-19.10	5.30	14.94	0.06	0.43	353.	4.4
1320.	397.83	7605.	-22.01	5.28	13.01	0.05	0.38	342.	4.0
1380.	378.74	7964.	-25.18	5.19	11.86	0.05	0.35	344.	4.0
1440.	360.16	8327.	-28.44	5.39	10.87	0.05	0.32	332.	2.7
1500.	342.05	8694.	-31.46	5.57	10.29	0.05	0.31	300.	3.4
1560.	324.66	9062.	-33.33	5.73	14.94	0.08	0.45	268.	4.6
1620.	307.87	9432.	-36.01	5.97	15.29	0.08	0.47	267.	5.9
1680.	291.95	9798.	-39.08	5.95	12.62	0.07	0.39	265.	5.6
1740.	276.62	10165.	-42.32	6.13	11.96	0.07	0.38	246.	5.1
1800.	261.38	10546.	-43.84	6.53	14.07	0.09	0.44	233.	7.0
1860.	246.69	10933.	-46.45	6.35	16.02	0.11	0.51	261.	10.0
1920.	233.40	11299.	-47.37	5.89	15.10	0.11	0.48	272.	11.5
1980.	220.65	11670.	-47.80	5.92	13.91	0.10	0.45	255.	11.1
2040.	206.99	12091.	-48.86	5.17	12.08	0.10	0.39	264.	11.0
2100.	193.97	12514.	-52.21	5.91	8.88	0.08	0.29	286.	15.4
2160.	182.46	12908.	-53.82	5.23	6.02	0.05	0.20	273.	13.0
2220.	171.84	13291.	-56.63	6.24	5.23	0.05	0.18	249.	16.1
2280.	164.87	13552.	-58.17	5.36	5.07	0.05	0.17	245.	18.7
2340.	154.46	13960.	-61.26	5.47	4.91	0.05	0.17	263.	19.7
2400.	147.24	14256.	-61.97	5.91	6.01	0.07	0.21	278.	17.3
2460.	141.22	14513.	-63.15	5.32	6.86	0.08	0.24	275.	13.3
2520.	134.69	14803.	-64.27	5.14	7.08	0.09	0.25	239.	12.8
2580.	129.00	15067.	-65.77	5.32	6.81	0.09	0.24	232.	17.3
2640.	122.97	15356.	-67.56	5.50	6.65	0.09	0.23	246.	19.7
2700.	117.77	15615.	-68.29	5.40	7.67	0.11	0.27	260.	18.2
2760.	113.13	15856.	-69.04	5.18	7.38	0.11	0.26	263.	13.2
2820.	108.53	16104.	-69.98	4.91	8.05	0.12	0.29	245.	11.1
2880.	104.25	16343.	-70.02	4.31	12.94	0.21	0.46	251.	11.4
2940.	99.79	16603.	-69.63	4.83	14.42	0.24	0.51	228.	10.0
3000.	95.57	16860.	-70.62	4.98	10.69	0.19	0.38	216.	13.8
3060.	91.50	17117.	-71.53	4.62	11.44	0.21	0.41	226.	15.9
3120.	87.58	17375.	-71.43	4.34	14.17	0.27	0.51	242.	14.2
3180.	83.92	17628.	-70.56	4.46	23.97	0.47	0.86	254.	11.6
3240.	80.53	17873.	-70.32	5.80	37.12	0.76	1.33	230.	8.2
3300.	77.12	18131.	-68.09	4.22	47.74	1.03	1.69	200.	12.7
3360.	73.90	18388.	-66.85	4.03	59.47	1.33	2.09	215.	13.3
3420.	70.71	18654.	-67.53	3.88	61.69	1.45	2.17	232.	12.7
3480.	67.73	18913.	-67.01	4.48	58.04	1.42	2.04	255.	11.4
3540.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	265.	7.2
3600.	62.14	19436.	-65.32	3.50	54.59	1.46	1.90	247.	5.4

3660.	59.46	19705.	-64.31	3.54	53.85	1.50	1.87	234.	10.6
3720.	57.04	19960.	-63.66	3.25	61.19	1.78	2.12	258.	9.9
3780.	54.68	20221.	-61.28	3.74	69.17	2.10	2.36	254.	4.1
3840.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	210.	3.4
3900.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	176.	2.9
3960.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	185.	2.9
4020.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	141.	2.9
4080.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	162.	5.2
4140.	42.03	21867.	-57.49	3.29	97.25	3.83	3.27	176.	4.3
4200.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	153.	4.8
4260.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	145.	3.1
4320.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	129.	3.0
4380.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	185.	2.0
4440.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	49.	0.5
4500.	32.16	23561.	-55.38	3.56	110.95	5.72	3.69	124.	3.7
4560.	30.80	23836.	-55.08	3.91	115.15	6.20	3.82	167.	2.3

arm00018 10/12/95 1635+34 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	977.74	315.	19.77	55.49	24.65	0.04	0.61	320.	8.2
60.	942.79	625.	15.89	65.49	25.59	0.04	0.64	340.	14.0
120.	904.63	972.	12.53	77.65	25.23	0.05	0.64	346.	14.2
180.	868.35	1314.	13.26	70.19	29.66	0.06	0.75	352.	14.1
240.	836.07	1632.	13.66	57.83	35.10	0.07	0.89	350.	14.4
300.	804.66	1953.	11.58	56.07	34.59	0.07	0.88	342.	14.4
360.	772.63	2290.	9.56	56.49	34.16	0.07	0.88	326.	11.2
420.	741.22	2633.	9.10	50.40	34.41	0.08	0.88	280.	9.5
480.	710.93	2977.	9.07	44.19	35.94	0.08	0.92	248.	10.9
540.	681.59	3324.	7.02	37.10	36.07	0.09	0.93	239.	12.3
600.	653.24	3670.	4.00	36.35	34.42	0.09	0.90	239.	12.9
660.	624.71	4031.	0.77	39.07	32.88	0.09	0.87	245.	12.6
720.	595.77	4408.	-2.69	41.03	31.11	0.09	0.83	241.	13.7
780.	568.15	4783.	-3.72	15.61	26.87	0.08	0.72	232.	17.8
840.	542.18	5150.	-6.14	16.36	24.88	0.08	0.67	226.	20.4
900.	517.80	5508.	-8.81	17.29	24.19	0.08	0.66	227.	21.4
960.	495.70	5844.	-10.35	14.75	22.71	0.08	0.63	234.	20.5
1020.	473.81	6190.	-13.03	14.02	21.81	0.08	0.61	238.	22.8
1080.	452.09	6545.	-15.89	14.04	20.24	0.07	0.57	240.	24.3
1140.	430.64	6909.	-19.21	14.77	18.71	0.07	0.53	240.	23.1
1200.	408.96	7291.	-21.96	14.50	16.38	0.07	0.47	236.	23.8
1260.	387.69	7681.	-25.17	14.10	19.74	0.08	0.58	240.	25.8
1320.	366.23	8091.	-28.73	15.36	18.25	0.08	0.54	241.	26.6
1380.	345.25	8511.	-32.05	37.30	13.98	0.07	0.42	241.	28.5
1440.	326.69	8898.	-35.19	39.81	13.44	0.07	0.41	235.	29.1
1500.	308.91	9285.	-37.93	39.24	12.68	0.07	0.39	228.	30.6
1560.	291.83	9674.	-41.33	39.45	12.38	0.07	0.39	224.	31.3
1620.	275.90	10053.	-44.55	39.06	12.27	0.07	0.39	223.	30.4
1680.	260.73	10429.	-47.38	36.33	11.29	0.07	0.36	225.	31.4
1740.	247.29	10778.	-47.62	35.33	15.97	0.11	0.51	226.	34.4
1800.	232.94	11173.	-46.88	34.25	20.24	0.14	0.65	228.	39.9
1860.	219.30	11570.	-48.90	33.42	20.65	0.16	0.67	227.	45.0
1920.	206.60	11960.	-51.28	33.19	12.38	0.10	0.40	226.	46.6
1980.	195.66	12311.	-53.12	33.06	16.21	0.14	0.53	226.	44.3
2040.	186.25	12628.	-53.03	32.63	15.64	0.14	0.51	231.	43.6
2100.	177.28	12946.	-53.10	32.15	14.36	0.13	0.47	238.	44.4
2160.	170.16	13208.	-55.33	31.47	10.07	0.10	0.33	242.	44.5
2220.	162.11	13516.	-57.37	31.49	9.20	0.09	0.31	247.	44.4
2280.	154.96	13800.	-59.20	31.45	9.91	0.11	0.34	249.	39.8
2340.	145.44	14197.	-59.57	31.51	11.82	0.13	0.40	244.	32.8
2400.	139.75	14445.	-60.60	31.51	9.77	0.12	0.33	240.	31.6
2460.	132.03	14798.	-61.84	31.44	12.74	0.16	0.44	233.	31.4
2520.	124.86	15141.	-64.71	31.70	13.16	0.17	0.46	230.	32.6
2580.	118.74	15447.	-66.51	31.85	12.60	0.18	0.44	231.	33.7
2640.	112.88	15751.	-68.25	31.99	12.08	0.18	0.43	237.	32.3
2700.	107.32	16053.	-69.63	32.35	12.38	0.19	0.44	234.	27.6
2760.	101.85	16365.	-68.51	32.25	15.70	0.26	0.56	226.	25.5
2820.	97.63	16621.	-65.47	32.04	28.79	0.49	1.00	236.	27.1
2880.	93.30	16896.	-66.64	32.13	25.79	0.46	0.90	244.	24.3
2940.	89.21	17167.	-64.78	32.06	27.71	0.51	0.96	253.	18.0
3000.	85.49	17428.	-64.48	31.71	31.50	0.61	1.09	257.	13.8
3060.	81.88	17690.	-65.77	31.77	32.59	0.66	1.14	256.	13.7
3120.	78.51	17945.	-66.04	31.89	36.20	0.76	1.27	253.	10.0
3180.	75.03	18221.	-65.66	31.79	38.42	0.85	1.34	217.	8.7
3240.	71.62	18503.	-65.30	31.68	41.42	0.96	1.44	204.	9.1
3300.	68.32	18790.	-66.18	31.66	43.65	1.06	1.53	213.	9.0
3360.	65.23	19071.	-65.10	31.55	52.37	1.33	1.82	245.	10.3
3420.	62.49	19333.	-62.19	31.35	61.04	1.62	2.10	233.	10.8
3480.	59.91	19594.	-61.22	31.11	70.15	1.94	2.40	244.	11.3
3540.	57.21	19882.	-60.06	30.70	75.88	2.20	2.58	268.	8.8
3600.	54.39	20196.	-62.65	30.61	74.45	2.27	2.56	252.	8.6

3660.	51.77	20499.	-61.96	30.52	79.53	2.55	2.73	209.	5.1
3720.	49.44	20785.	-61.11	30.27	85.05	2.85	2.91	168.	5.7
3780.	47.24	21068.	-61.06	30.07	90.04	3.16	3.07	174.	4.6
3840.	45.14	21351.	-60.03	29.71	94.90	3.48	3.23	175.	7.8
3900.	43.10	21641.	-57.75	29.42	103.80	3.99	3.49	185.	7.6
3960.	41.12	21937.	-57.03	28.75	107.56	4.33	3.60	209.	4.5
4020.	39.28	22229.	-55.74	27.60	113.86	4.80	3.79	57.	1.1
4080.	37.57	22510.	-56.15	26.03	107.05	4.72	3.57	116.	0.9
4140.	35.98	22786.	-55.04	25.68	113.49	5.23	3.77	16.	3.4
4200.	34.43	23067.	-54.84	24.86	123.59	5.95	4.10	46.	1.8
4260.	32.84	23371.	-53.91	23.96	128.14	6.47	4.23	125.	1.2
4320.	31.34	23670.	-54.60	22.67	127.01	6.72	4.21	25.	1.8
4380.	29.86	23980.	-54.95	21.63	125.88	6.99	4.18	348.	2.4
4440.	28.47	24283.	-54.80	20.79	122.71	7.14	4.07	32.	3.5
4500.	27.15	24588.	-53.87	20.33	119.43	7.29	3.94	103.	7.3
4560.	25.82	24910.	-52.81	19.46	125.07	8.03	4.11	131.	11.6
4620.	24.50	25249.	-50.59	18.61	134.11	9.07	4.36	146.	10.4
4680.	23.29	25581.	-49.85	17.38	137.18	9.76	4.45	160.	7.2
4740.	22.19	25898.	-50.17	16.22	131.70	9.84	4.28	155.	5.5
4800.	21.17	26205.	-50.34	15.01	129.46	10.14	4.21	157.	5.7
4860.	20.23	26501.	-49.53	14.23	126.47	10.36	4.10	250.	1.5
4920.	19.28	26814.	-50.12	13.36	126.61	10.88	4.11	228.	1.9
4980.	18.36	27135.	-50.29	13.31	120.02	10.83	3.90	175.	4.2
5040.	17.49	27452.	-49.89	12.34	112.58	10.67	3.65	174.	4.6
5100.	16.67	27766.	-49.38	12.52	110.21	10.96	3.57	220.	3.0
5160.	15.85	28095.	-48.10	12.17	103.61	10.83	3.33	284.	2.3
5220.	15.10	28415.	-48.68	11.94	95.68	10.50	3.09	325.	2.3
5280.	14.37	28740.	-49.27	11.51	90.02	10.38	2.91	1.	3.6
5340.	13.65	29078.	-48.41	11.19	84.38	10.24	2.72	8.	1.3
5400.	12.97	29414.	-47.66	10.89	84.58	10.80	2.72	221.	1.7
5460.	12.35	29741.	-46.24	10.50	84.34	11.32	2.69	240.	3.0

arm000019 10/13/95 1501+26 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	989.79	315.	16.10	31.65	22.14	0.04	0.55	280.	0.9
60.	954.03	623.	11.53	34.27	29.22	0.05	0.74	307.	4.1
120.	917.98	943.	9.70	27.75	34.04	0.06	0.87	330.	6.3
180.	880.77	1284.	7.26	32.77	33.74	0.06	0.87	318.	7.5
240.	845.49	1619.	6.44	27.67	33.18	0.07	0.86	320.	10.8
300.	812.53	1943.	4.01	29.81	32.68	0.07	0.85	317.	14.0
360.	780.09	2273.	2.97	26.46	33.37	0.07	0.88	329.	16.7
420.	749.10	2600.	1.89	15.63	34.38	0.08	0.91	330.	21.6
480.	717.43	2946.	0.17	12.86	33.31	0.08	0.88	331.	22.0
540.	686.42	3300.	0.09	15.05	31.20	0.08	0.83	324.	20.2
600.	652.64	3702.	-1.76	17.87	28.89	0.07	0.77	312.	21.1
660.	623.51	4064.	-3.61	8.02	27.06	0.07	0.73	309.	20.5
720.	595.76	4422.	-5.33	5.83	30.39	0.08	0.82	311.	20.7
780.	569.12	4779.	-8.51	9.81	28.99	0.08	0.79	315.	22.0
840.	543.80	5130.	-10.02	14.79	26.04	0.08	0.72	316.	26.4
900.	519.32	5484.	-12.61	19.83	21.21	0.07	0.59	316.	28.3
960.	495.81	5837.	-13.37	10.91	22.60	0.08	0.63	317.	30.1
1020.	473.11	6191.	-16.27	12.70	18.54	0.06	0.52	318.	30.0
1080.	450.69	6554.	-19.49	20.50	15.58	0.06	0.44	317.	31.5
1140.	428.61	6925.	-22.28	27.28	16.86	0.07	0.49	322.	33.3
1200.	406.54	7311.	-25.13	23.12	16.24	0.07	0.47	322.	34.3
1260.	385.90	7687.	-28.69	29.01	13.17	0.06	0.39	321.	34.1
1320.	366.00	8064.	-30.85	23.35	12.25	0.06	0.37	316.	36.9
1380.	347.32	8433.	-33.43	17.96	12.45	0.06	0.38	314.	38.9
1440.	328.84	8814.	-36.49	15.90	12.70	0.06	0.39	311.	40.8
1500.	310.92	9200.	-39.84	14.73	13.36	0.07	0.41	309.	40.3
1560.	293.48	9591.	-43.50	16.50	12.40	0.07	0.39	309.	40.0
1620.	276.81	9981.	-46.53	16.87	11.07	0.07	0.35	315.	36.9
1680.	261.01	10370.	-48.14	16.71	18.67	0.12	0.60	310.	35.9
1740.	245.68	10768.	-49.80	16.34	23.43	0.16	0.76	305.	38.5
1800.	231.35	11164.	-45.54	14.57	17.41	0.12	0.55	307.	41.8
1860.	217.91	11563.	-44.58	11.67	15.93	0.12	0.50	304.	35.9
1920.	204.75	11978.	-46.29	9.70	17.39	0.14	0.56	300.	28.6
1980.	191.75	12411.	-48.69	8.93	15.43	0.13	0.50	296.	23.9
2040.	178.67	12874.	-49.99	8.59	14.91	0.14	0.48	276.	24.7
2100.	167.19	13306.	-52.37	8.37	13.97	0.14	0.46	270.	30.8
2160.	157.03	13708.	-55.20	8.56	13.07	0.14	0.43	267.	34.3
2220.	146.94	14128.	-58.45	8.75	12.84	0.14	0.43	268.	34.7
2280.	137.19	14556.	-61.66	9.05	12.41	0.15	0.43	278.	30.3
2340.	129.93	14891.	-64.28	9.35	11.65	0.15	0.40	278.	27.6
2400.	123.29	15210.	-66.80	9.21	12.44	0.17	0.44	273.	27.1
2460.	115.87	15583.	-67.96	9.55	12.56	0.18	0.44	284.	31.0
2520.	107.63	16028.	-65.80	9.68	17.53	0.27	0.61	309.	25.0
2580.	101.73	16370.	-66.96	9.57	24.22	0.39	0.85	300.	16.6
2640.	97.32	16637.	-68.23	9.47	26.79	0.46	0.95	289.	17.5
2700.	92.77	16925.	-65.36	9.45	31.26	0.56	1.09	281.	14.9
2760.	88.18	17234.	-66.06	9.23	37.87	0.71	1.32	269.	15.6
2820.	83.49	17564.	-65.33	8.93	46.95	0.93	1.64	288.	18.3
2880.	79.50	17863.	-64.39	8.97	57.20	1.19	1.98	300.	16.5
2940.	76.12	18129.	-64.11	8.70	68.00	1.48	2.36	287.	13.4
3000.	72.79	18404.	-61.86	8.61	56.55	1.29	1.94	286.	8.3
3060.	69.51	18689.	-63.06	8.49	51.00	1.22	1.76	279.	7.0
3120.	66.54	18957.	-63.34	8.42	52.72	1.31	1.82	280.	7.6
3180.	63.67	19228.	-63.18	8.48	58.66	1.53	2.02	261.	8.9
3240.	60.80	19511.	-63.31	8.36	57.64	1.57	1.99	274.	9.9
3300.	58.12	19789.	-61.48	8.02	65.44	1.87	2.24	291.	7.6
3360.	55.49	20076.	-59.46	8.06	74.69	2.23	2.53	264.	6.9
3420.	53.05	20359.	-56.74	7.23	94.14	2.94	3.15	258.	4.3
3480.	50.65	20653.	-57.24	6.53	92.09	3.01	3.09	270.	4.0
3540.	48.44	20935.	-56.00	7.38	102.19	3.50	3.41	308.	4.0
3600.	46.30	21221.	-56.46	7.17	98.85	3.54	3.30	261.	4.7

3660.	44.15	21523.	-56.07	7.03	106.42	3.99	3.55	279.	3.7
3720.	42.15	21818.	-55.63	6.93	109.22	4.29	3.64	3.	3.7
3780.	40.26	22110.	-54.75	6.53	110.93	4.57	3.68	55.	3.3
3840.	38.41	22410.	-55.39	6.18	110.76	4.78	3.68	193.	1.6
3900.	36.62	22716.	-55.06	6.21	102.98	4.66	3.42	86.	2.6
3960.	34.86	23029.	-54.83	5.84	117.30	5.58	3.89	89.	5.5
4020.	33.24	23334.	-54.73	5.62	122.13	6.09	4.05	268.	1.3
4080.	31.63	23651.	-53.05	5.34	125.91	6.60	4.14	52.	2.0
4140.	30.12	23967.	-52.85	5.06	124.22	6.83	4.08	119.	2.3
4200.	28.71	24278.	-50.84	4.91	122.06	7.04	3.98	192.	6.0
4260.	27.39	24585.	-50.73	4.59	119.99	7.26	3.91	220.	7.4
4320.	26.10	24898.	-50.48	3.99	116.69	7.41	3.80	250.	8.0
4380.	24.91	25204.	-50.46	4.08	122.92	8.18	4.00	254.	8.2
4440.	23.72	25522.	-50.55	3.74	125.38	8.76	4.08	303.	6.3
4500.	22.49	25869.	-50.47	3.55	125.02	9.21	4.07	339.	4.4
4560.	21.33	26214.	-50.67	3.39	126.32	9.81	4.11	47.	2.5

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Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	983.24	315.	23.54	23.56	17.00	0.03	0.42	230.	1.4
60.	949.25	618.	22.15	10.54	39.09	0.07	0.96	239.	8.4
120.	914.52	940.	21.50	14.11	45.25	0.08	1.11	270.	8.9
180.	884.44	1228.	20.14	10.47	41.97	0.08	1.04	281.	10.9
240.	849.51	1573.	17.12	12.20	38.96	0.08	0.97	276.	11.5
300.	819.45	1877.	14.45	16.04	35.15	0.07	0.89	284.	10.9
360.	788.99	2195.	11.89	20.06	34.42	0.07	0.87	303.	10.9
420.	757.87	2529.	9.05	23.16	34.61	0.08	0.89	312.	11.5
480.	729.75	2840.	6.80	26.50	32.10	0.07	0.83	316.	13.6
540.	699.88	3181.	4.96	30.18	28.38	0.07	0.74	317.	16.1
600.	676.22	3460.	2.88	31.33	26.25	0.06	0.69	322.	17.0
660.	651.61	3759.	1.45	25.63	28.10	0.07	0.74	322.	15.4
720.	630.21	4026.	-0.01	19.37	26.55	0.07	0.70	316.	16.0
780.	605.48	4346.	-1.48	27.70	24.37	0.07	0.65	312.	15.0
840.	583.74	4635.	-2.95	31.70	22.04	0.06	0.59	317.	14.7
900.	563.48	4914.	-4.32	28.15	20.26	0.06	0.55	320.	15.6
960.	543.59	5196.	-5.89	18.28	21.12	0.06	0.57	314.	19.0
1020.	522.18	5509.	-7.51	12.17	20.22	0.06	0.55	309.	20.9
1080.	504.10	5783.	-8.77	10.63	19.32	0.06	0.53	305.	20.2
1140.	483.03	6112.	-11.01	15.11	17.50	0.06	0.48	308.	24.2
1200.	463.38	6429.	-13.27	15.79	13.36	0.05	0.37	307.	23.5
1260.	444.51	6744.	-15.36	11.16	14.98	0.06	0.42	307.	23.3
1320.	426.54	7054.	-17.71	14.22	12.10	0.05	0.34	308.	23.3
1380.	410.69	7337.	-18.66	8.19	14.70	0.06	0.42	308.	21.9
1440.	393.74	7649.	-21.41	10.17	8.16	0.03	0.23	311.	22.4
1500.	376.58	7976.	-24.22	13.63	6.49	0.03	0.19	309.	22.6
1560.	359.48	8313.	-27.02	10.91	7.22	0.03	0.21	305.	23.2
1620.	342.38	8662.	-30.15	12.04	5.30	0.03	0.16	307.	23.5
1680.	325.57	9017.	-33.38	15.41	4.59	0.02	0.14	311.	23.7
1740.	311.32	9330.	-35.67	18.50	7.86	0.04	0.24	312.	22.7
1800.	295.90	9681.	-38.50	19.37	7.81	0.04	0.24	315.	22.6
1860.	280.89	10037.	-41.37	18.84	6.96	0.04	0.22	320.	23.5
1920.	266.77	10385.	-43.77	18.08	5.82	0.04	0.18	318.	23.3
1980.	256.22	10654.	-46.26	18.60	5.19	0.03	0.17	318.	23.5
2040.	243.23	10997.	-49.36	19.60	5.07	0.03	0.16	316.	23.3
2100.	231.10	11331.	-51.59	20.24	4.23	0.03	0.14	316.	23.6
2160.	221.36	11609.	-53.71	20.32	3.22	0.02	0.11	317.	23.1
2220.	211.33	11905.	-56.07	20.95	2.87	0.02	0.10	315.	22.6
2280.	202.50	12175.	-58.19	21.28	2.53	0.02	0.09	314.	22.4
2340.	193.52	12459.	-59.82	21.25	3.90	0.03	0.13	314.	22.7
2400.	184.50	12756.	-60.87	21.46	6.67	0.06	0.23	316.	21.4
2460.	175.01	13083.	-61.30	21.41	10.52	0.10	0.36	297.	19.2
2520.	168.56	13316.	-62.03	21.27	11.96	0.12	0.41	287.	18.9
2580.	162.43	13544.	-63.14	21.28	11.38	0.12	0.39	287.	21.9
2640.	156.06	13789.	-64.31	21.26	10.32	0.11	0.36	290.	24.0
2700.	150.14	14026.	-63.90	21.28	11.24	0.12	0.39	298.	23.6
2760.	143.80	14290.	-64.33	21.16	19.78	0.23	0.69	302.	21.6
2820.	138.31	14528.	-64.30	21.08	24.57	0.29	0.85	301.	20.9
2880.	132.97	14769.	-64.14	20.73	24.36	0.30	0.84	304.	18.3
2940.	128.04	15000.	-64.80	20.65	22.22	0.29	0.77	301.	15.7
3000.	123.26	15231.	-65.44	20.66	22.32	0.30	0.78	287.	17.4
3060.	118.27	15483.	-65.31	20.47	13.89	0.19	0.48	280.	19.2
3120.	113.44	15737.	-65.19	20.30	14.16	0.21	0.49	275.	19.4
3180.	108.82	15989.	-66.12	20.31	21.32	0.32	0.75	280.	21.0
3240.	104.14	16256.	-66.03	20.36	19.77	0.31	0.69	277.	23.3
3300.	99.53	16530.	-66.70	20.45	22.06	0.37	0.77	288.	22.0
3360.	94.31	16855.	-66.60	20.43	27.92	0.49	0.98	308.	17.6
3420.	90.67	17092.	-67.51	20.27	26.02	0.48	0.92	316.	13.1
3480.	87.06	17337.	-67.24	20.35	27.63	0.53	0.97	292.	11.8
3540.	83.26	17606.	-68.17	20.37	30.19	0.60	1.07	274.	15.6
3600.	80.03	17843.	-67.25	20.08	41.36	0.86	1.45	291.	17.7

3660.	76.91	18084.	-66.06	19.87	53.16	1.15	1.86	314.	15.1
3720.	73.91	18325.	-65.99	19.62	58.78	1.32	2.05	311.	9.9
3780.	70.90	18577.	-64.43	19.43	73.08	1.71	2.54	297.	11.2
3840.	67.96	18838.	-60.91	18.63	80.85	1.97	2.76	311.	6.8
3900.	64.88	19126.	-61.08	18.10	89.72	2.29	3.06	243.	5.9
3960.	62.29	19379.	-61.11	17.47	73.89	1.97	2.52	233.	7.9
4020.	59.86	19626.	-61.45	17.04	69.76	1.93	2.39	267.	6.5
4080.	57.31	19895.	-61.25	16.69	71.95	2.08	2.46	309.	7.1
4140.	54.92	20160.	-60.01	16.26	83.52	2.52	2.84	343.	7.3
4200.	52.83	20403.	-59.63	15.73	87.53	2.75	2.97	337.	5.6
4260.	50.80	20648.	-58.54	15.21	94.10	3.07	3.18	300.	3.2
4320.	48.75	20908.	-57.46	14.66	97.01	3.30	3.26	295.	1.0
4380.	46.74	21173.	-57.83	14.07	98.77	3.50	3.32	220.	2.2
4440.	44.94	21421.	-56.86	13.50	106.51	3.93	3.57	236.	3.9
4500.	43.16	21677.	-56.85	12.91	108.73	4.17	3.64	283.	4.4
4560.	41.40	21941.	-56.29	12.48	110.81	4.44	3.70	260.	3.0
4620.	39.66	22214.	-56.95	12.12	111.95	4.68	3.75	244.	2.8
4680.	38.01	22482.	-56.04	11.67	111.02	4.84	3.70	241.	3.0
4740.	36.44	22750.	-55.50	11.19	110.27	5.01	3.67	206.	3.2
4800.	34.97	23013.	-54.40	10.87	113.74	5.39	3.77	191.	5.4
4860.	33.54	23281.	-53.40	10.39	123.98	6.12	4.09	244.	1.6
4920.	32.21	23544.	-51.14	9.89	129.25	6.65	4.22	218.	3.2
4980.	30.88	23817.	-50.51	9.28	129.57	6.95	4.22	208.	6.2
5040.	29.59	24096.	-50.56	8.61	125.30	7.02	4.08	220.	4.5
5100.	28.32	24381.	-51.32	8.12	121.52	7.11	3.97	221.	2.5
5160.	27.13	24660.	-51.26	7.73	118.77	7.25	3.88	256.	5.3
5220.	25.97	24944.	-51.10	7.41	117.49	7.50	3.83	278.	4.5
5280.	24.86	25228.	-50.18	7.03	119.55	7.97	3.88	285.	5.7
5340.	23.82	25506.	-50.28	6.66	125.83	8.75	4.09	286.	4.1
5400.	22.83	25786.	-50.07	6.33	127.55	9.26	4.14	315.	4.1
5460.	21.86	26069.	-49.56	6.03	125.96	9.55	4.08	284.	4.2
5520.	20.87	26372.	-48.11	5.75	123.35	9.79	3.97	287.	3.3
5580.	19.97	26661.	-48.19	5.48	120.80	10.02	3.89	300.	2.6
5640.	19.10	26956.	-48.64	5.24	117.96	10.23	3.81	240.	0.8
5700.	18.32	27229.	-47.94	5.00	115.06	10.40	3.70	236.	1.7
5760.	17.58	27504.	-46.30	4.74	109.40	10.31	3.49	287.	3.1
5820.	16.81	27800.	-46.44	4.52	108.92	10.74	3.48	305.	2.7
5880.	16.04	28109.	-46.62	4.34	105.63	10.91	3.38	257.	5.4
5940.	15.33	28412.	-45.73	4.20	106.22	11.48	3.38	246.	8.2
6000.	14.69	28694.	-45.83	4.07	103.11	11.63	3.29	247.	10.8
6060.	14.14	28950.	-45.46	3.98	101.20	11.86	3.22	250.	10.0
6120.	13.58	29220.	-43.67	3.87	97.77	11.93	3.09	247.	10.3
6180.	12.97	29527.	-43.59	3.77	91.19	11.65	2.88	267.	9.2
6240.	12.38	29844.	-44.07	3.68	87.35	11.70	2.76	280.	7.6
6300.	11.86	30131.	-43.31	3.55	83.42	11.66	2.63	266.	7.0
6360.	11.40	30396.	-43.51	3.47	79.56	11.56	2.51	269.	8.7
6420.	10.95	30663.	-44.47	3.42	77.10	11.66	2.44	291.	11.9
6480.	10.48	30962.	-44.29	3.34	73.24	11.58	2.32	287.	9.2
6540.	10.01	31269.	-44.26	3.28	70.29	11.64	2.22	252.	8.3
6600.	9.55	31583.	-45.08	3.25	68.30	11.85	2.17	241.	9.4
6660.	9.16	31859.	-45.38	3.25	64.07	11.59	2.04	240.	10.1
6720.	8.80	32125.	-46.09	3.18	62.05	11.68	1.98	253.	9.1
6780.	8.44	32404.	-45.92	3.17	59.27	11.64	1.89	257.	10.8
6840.	8.08	32697.	-45.30	3.14	55.19	11.32	1.75	254.	12.5
6900.	7.73	32991.	-43.88	3.12	53.53	11.47	1.69	257.	14.4
6960.	7.42	33266.	-42.72	3.10	50.68	11.32	1.59	254.	17.6
7020.	7.14	33526.	-42.41	3.10	48.30	11.21	1.52	251.	17.7
7080.	6.89	33764.	-41.31	3.13	46.64	11.21	1.46	261.	21.2
7140.	6.67	33993.	-39.27	3.26	45.42	11.29	1.41	272.	24.8
7200.	6.39	34282.	-40.09	3.34	43.85	11.37	1.36	272.	26.2
7260.	6.14	34554.	-40.39	3.52	41.34	11.16	1.29	279.	27.3
7320.	5.94	34774.	-40.39	3.70	39.53	11.02	1.23	287.	27.4
7380.	5.75	35001.	-39.77	3.88	37.38	10.77	1.16	288.	23.1
7440.	5.58	35210.	-40.02	3.99	35.72	10.61	1.11	277.	17.9
7500.	5.43	35393.	-39.21	4.11	34.62	10.57	1.07	999.	999.9

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Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	981.36	315.	26.20	22.93	23.91	0.04	0.58	170.	2.8
60.	945.56	638.	24.23	14.97	42.04	0.07	1.02	203.	6.4
120.	909.63	975.	22.25	14.02	47.95	0.09	1.18	197.	9.1
180.	874.11	1318.	19.95	12.74	41.63	0.08	1.03	194.	10.8
240.	838.28	1675.	17.42	9.94	36.04	0.07	0.90	204.	10.4
300.	805.60	2012.	14.71	13.34	36.93	0.08	0.93	204.	9.5
360.	774.28	2345.	12.31	16.05	31.30	0.07	0.79	205.	8.5
420.	742.22	2697.	9.78	17.78	23.37	0.05	0.60	213.	9.4
480.	711.26	3048.	6.99	31.01	18.88	0.04	0.49	196.	6.9
540.	680.57	3409.	5.93	17.79	20.32	0.05	0.53	193.	4.1
600.	651.46	3765.	3.39	19.11	19.63	0.05	0.51	220.	4.2
660.	621.27	4147.	0.82	15.95	19.84	0.05	0.52	227.	4.7
720.	593.42	4514.	-1.68	10.47	19.95	0.06	0.53	220.	6.8
780.	566.81	4876.	-4.62	10.44	19.76	0.06	0.53	225.	5.7
840.	540.09	5254.	-6.93	8.12	18.81	0.06	0.51	261.	5.0
900.	514.88	5624.	-9.47	7.60	18.74	0.06	0.51	276.	5.0
960.	491.77	5978.	-11.08	5.30	18.62	0.06	0.51	268.	6.6
1020.	469.43	6333.	-13.40	4.92	17.20	0.06	0.48	268.	8.3
1080.	445.55	6727.	-16.86	5.16	16.68	0.06	0.47	278.	8.8
1140.	423.83	7100.	-19.75	5.18	16.31	0.06	0.47	284.	7.8
1200.	401.69	7497.	-21.74	5.22	14.28	0.06	0.41	291.	8.7
1260.	380.92	7885.	-24.57	5.89	9.71	0.04	0.28	290.	9.6
1320.	361.25	8268.	-28.01	6.20	10.08	0.05	0.30	287.	10.1
1380.	342.05	8657.	-31.67	8.62	8.24	0.04	0.25	283.	11.7
1440.	324.02	9037.	-35.22	10.55	7.32	0.04	0.22	282.	13.6
1500.	306.27	9427.	-38.33	10.93	8.97	0.05	0.28	290.	14.3
1560.	288.36	9839.	-41.54	12.84	9.85	0.06	0.31	288.	14.6
1620.	271.03	10256.	-44.45	23.59	9.77	0.06	0.31	278.	16.4
1680.	254.06	10686.	-47.53	24.57	8.42	0.05	0.27	277.	18.3
1740.	237.51	11128.	-51.15	23.50	7.05	0.05	0.23	279.	18.5
1800.	222.41	11551.	-54.79	23.93	5.77	0.04	0.19	278.	18.9
1860.	207.51	11991.	-56.86	23.81	6.51	0.05	0.22	274.	20.3
1920.	196.07	12349.	-58.88	22.99	9.29	0.08	0.31	276.	21.1
1980.	184.98	12713.	-60.26	22.78	9.04	0.08	0.31	278.	21.3
2040.	175.77	13030.	-61.45	22.54	10.61	0.10	0.36	277.	23.7
2100.	166.92	13350.	-61.55	21.85	11.43	0.11	0.39	276.	20.4
2160.	158.39	13674.	-62.44	21.58	12.57	0.13	0.43	271.	20.1
2220.	151.04	13967.	-63.05	21.34	13.38	0.15	0.46	266.	21.2
2280.	144.81	14226.	-63.41	21.00	13.67	0.16	0.47	267.	19.8
2340.	138.29	14508.	-64.79	20.70	10.91	0.13	0.38	269.	19.4
2400.	132.22	14780.	-66.00	20.67	10.25	0.13	0.36	268.	20.3
2460.	126.21	15062.	-66.83	20.48	11.48	0.15	0.40	269.	22.5
2520.	119.94	15370.	-65.66	20.25	19.63	0.27	0.69	276.	20.1
2580.	114.36	15660.	-65.32	19.81	20.82	0.30	0.73	281.	15.4
2640.	109.54	15921.	-66.85	19.61	20.73	0.31	0.73	277.	17.8
2700.	104.96	16179.	-67.04	19.30	23.90	0.38	0.84	288.	20.9
2760.	100.45	16443.	-67.40	19.33	25.15	0.41	0.89	298.	18.9
2820.	96.04	16713.	-67.88	19.37	26.20	0.45	0.92	299.	15.4
2880.	91.37	17012.	-68.14	19.22	21.48	0.39	0.76	283.	11.3
2940.	87.56	17268.	-68.38	19.02	26.55	0.50	0.94	266.	13.1
3000.	83.67	17540.	-68.16	18.88	28.57	0.57	1.01	272.	14.4
3060.	79.93	17815.	-67.11	18.37	33.29	0.69	1.17	283.	13.7
3120.	76.32	18094.	-67.41	18.08	33.79	0.73	1.19	286.	10.0
3180.	72.79	18380.	-66.42	17.67	38.42	0.87	1.35	276.	7.5
3240.	69.43	18665.	-66.84	17.20	42.96	1.03	1.51	253.	6.9
3300.	66.51	18926.	-63.19	16.50	62.10	1.55	2.14	256.	4.8
3360.	63.65	19197.	-63.37	15.67	69.78	1.82	2.41	287.	2.5
3420.	60.93	19466.	-63.05	14.84	77.10	2.10	2.66	195.	2.9
3480.	58.18	19750.	-62.85	14.05	78.14	2.23	2.69	215.	6.7
3540.	55.67	20024.	-59.86	13.00	79.80	2.38	2.71	232.	3.3
3600.	53.31	20294.	-60.19	11.87	83.91	2.61	2.85	208.	3.7

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Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	979.00	315.	26.17	19.81	999.99	999.99	999.99	200.	9.7
60.	946.12	611.	21.39	24.41	999.99	999.99	999.99	999.	999.9
120.	912.20	924.	18.31	28.61	999.99	999.99	999.99	203.	18.4
180.	869.26	1334.	15.28	30.93	999.99	999.99	999.99	999.	999.9
240.	843.57	1587.	15.74	21.79	999.99	999.99	999.99	216.	20.1
300.	811.85	1911.	14.59	16.60	999.99	999.99	999.99	999.	999.9
360.	778.68	2261.	13.39	6.82	999.99	999.99	999.99	225.	16.3
420.	750.84	2565.	11.71	9.17	999.99	999.99	999.99	999.	999.9
480.	724.87	2858.	9.03	27.20	999.99	999.99	999.99	243.	12.2
540.	698.44	3163.	6.45	38.50	999.99	999.99	999.99	999.	999.9
600.	671.66	3481.	3.55	49.80	999.99	999.99	999.99	246.	9.6
660.	644.71	3811.	0.58	60.42	999.99	999.99	999.99	999.	999.9
720.	619.59	4129.	-1.21	19.95	999.99	999.99	999.99	220.	8.8
780.	596.09	4436.	-2.52	9.83	999.99	999.99	999.99	999.	999.9
840.	574.64	4725.	-4.34	7.96	999.99	999.99	999.99	218.	11.8
900.	550.52	5061.	-6.94	8.40	999.99	999.99	999.99	999.	999.9
960.	527.80	5388.	-9.25	6.53	999.99	999.99	999.99	229.	14.7
1020.	502.74	5762.	-11.16	5.53	999.99	999.99	999.99	999.	999.9
1080.	479.79	6119.	-13.70	5.39	999.99	999.99	999.99	224.	15.2
1140.	460.52	6428.	-16.35	5.86	999.99	999.99	999.99	999.	999.9
1200.	437.54	6811.	-19.20	5.53	999.99	999.99	999.99	226.	18.4
1260.	414.26	7215.	-21.98	19.62	999.99	999.99	999.99	999.	999.9
1320.	391.98	7619.	-25.44	60.34	999.99	999.99	999.99	217.	23.1
1380.	371.91	7998.	-28.29	64.55	999.99	999.99	999.99	999.	999.9
1440.	351.41	8401.	-31.38	24.00	999.99	999.99	999.99	216.	26.8
1500.	329.45	8854.	-34.91	21.57	999.99	999.99	999.99	999.	999.9
1560.	310.51	9266.	-36.64	11.44	999.99	999.99	999.99	229.	27.4
1620.	291.66	9697.	-39.57	8.39	999.99	999.99	999.99	999.	999.9
1680.	274.86	10099.	-43.14	8.28	999.99	999.99	999.99	234.	17.4
1740.	260.21	10466.	-45.35	8.61	999.99	999.99	999.99	999.	999.9
1800.	244.87	10869.	-47.31	8.52	999.99	999.99	999.99	234.	18.4
1860.	231.46	11240.	-49.41	8.49	999.99	999.99	999.99	999.	999.9
1920.	218.61	11612.	-52.04	8.66	999.99	999.99	999.99	236.	21.5
1980.	207.11	11961.	-53.21	8.79	999.99	999.99	999.99	999.	999.9
2040.	195.51	12330.	-54.72	8.89	999.99	999.99	999.99	244.	23.7
2100.	186.15	12643.	-55.94	8.97	999.99	999.99	999.99	999.	999.9
2160.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	271.	26.2
2220.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2280.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2340.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999.	999.9
2400.	147.67	14098.	-60.83	8.79	999.99	999.99	999.99	999.	999.9
2460.	140.76	14395.	-61.30	8.81	999.99	999.99	999.99	999.	999.9
2520.	134.50	14678.	-60.83	8.69	999.99	999.99	999.99	254.	27.6
2580.	129.19	14928.	-60.95	8.72	999.99	999.99	999.99	999.	999.9
2640.	123.64	15201.	-61.81	8.74	999.99	999.99	999.99	247.	23.3
2700.	118.41	15467.	-63.75	8.78	999.99	999.99	999.99	999.	999.9
2760.	113.32	15736.	-64.29	8.82	999.99	999.99	999.99	258.	18.1
2820.	108.35	16009.	-66.15	9.01	999.99	999.99	999.99	999.	999.9
2880.	102.75	16329.	-67.66	9.20	999.99	999.99	999.99	264.	16.2
2940.	98.06	16611.	-66.60	9.01	999.99	999.99	999.99	999.	999.9
3000.	93.69	16886.	-67.87	9.05	999.99	999.99	999.99	260.	13.9
3060.	89.87	17136.	-67.54	9.14	999.99	999.99	999.99	999.	999.9
3120.	86.45	17370.	-67.23	9.17	999.99	999.99	999.99	259.	12.4
3180.	83.25	17597.	-67.51	9.07	999.99	999.99	999.99	999.	999.9
3240.	79.72	17857.	-69.35	9.11	999.99	999.99	999.99	265.	8.7
3300.	76.11	18134.	-67.94	9.06	999.99	999.99	999.99	999.	999.9
3360.	73.15	18373.	-66.70	8.97	999.99	999.99	999.99	255.	8.9
3420.	70.42	18604.	-65.11	8.82	999.99	999.99	999.99	999.	999.9
3480.	67.40	18871.	-64.04	8.55	999.99	999.99	999.99	262.	7.5
3540.	64.51	19140.	-62.69	8.41	999.99	999.99	999.99	999.	999.9
3600.	61.53	19432.	-62.74	8.37	999.99	999.99	999.99	274.	4.9

3660.	58.78	19712.	-63.87	8.24	999.99	999.99	999.99	999.99	999.99
3720.	56.36	19971.	-62.21	8.01	999.99	999.99	999.99	999.99	292. 6.5
3780.	54.06	20230.	-59.11	7.78	999.99	999.99	999.99	999.99	999.99
3840.	51.78	20501.	-58.02	7.49	999.99	999.99	999.99	999.99	74. 1.0
3900.	49.23	20818.	-60.20	7.36	999.99	999.99	999.99	999.99	999.99
3960.	46.95	21113.	-59.44	7.20	999.99	999.99	999.99	999.99	238. 2.8
4020.	44.82	21404.	-58.53	7.01	999.99	999.99	999.99	999.99	999.99
4080.	42.77	21698.	-59.53	6.84	999.99	999.99	999.99	999.99	158. 5.0
4140.	40.91	21976.	-59.51	6.83	999.99	999.99	999.99	999.99	999.99
4200.	39.16	22251.	-56.71	6.47	999.99	999.99	999.99	999.99	217. 6.6
4260.	37.47	22530.	-55.81	6.15	999.99	999.99	999.99	999.99	999.99
4320.	35.87	22809.	-53.92	5.75	999.99	999.99	999.99	999.99	230. 9.7
4380.	34.28	23100.	-53.94	5.32	999.99	999.99	999.99	999.99	999.99
4440.	32.74	23396.	-53.72	4.86	999.99	999.99	999.99	999.99	265. 8.3
4500.	31.18	23709.	-53.14	4.50	999.99	999.99	999.99	999.99	999.99
4560.	29.67	24029.	-52.83	4.14	999.99	999.99	999.99	999.99	270. 9.3
4620.	28.28	24339.	-53.56	3.89	999.99	999.99	999.99	999.99	999.99
4680.	27.01	24633.	-53.92	3.68	999.99	999.99	999.99	999.99	257. 8.2
4740.	25.82	24923.	-53.73	3.51	999.99	999.99	999.99	999.99	999.99
4800.	24.52	25254.	-53.77	3.37	999.99	999.99	999.99	999.99	301. 7.4
4860.	23.32	25580.	-52.53	3.20	999.99	999.99	999.99	999.99	999.99
4920.	22.23	25888.	-52.11	3.05	999.99	999.99	999.99	999.99	255. 6.3
4980.	21.23	26186.	-50.33	2.89	999.99	999.99	999.99	999.99	999.99
5040.	20.21	26508.	-49.32	2.72	999.99	999.99	999.99	999.99	240. 6.9
5100.	19.16	26858.	-49.97	2.56	999.99	999.99	999.99	999.99	999.99
5160.	18.26	27173.	-49.19	2.46	999.99	999.99	999.99	999.99	251. 8.9
5220.	17.44	27472.	-48.78	2.35	999.99	999.99	999.99	999.99	999.99
5280.	16.64	27783.	-47.48	2.27	999.99	999.99	999.99	999.99	257. 9.4
5340.	15.71	28161.	-47.58	2.19	999.99	999.99	999.99	999.99	999.99
5400.	14.84	28540.	-48.19	2.13	999.99	999.99	999.99	999.99	265. 12.2
5460.	14.11	28870.	-48.53	2.08	999.99	999.99	999.99	999.99	999.99
5520.	13.46	29183.	-48.74	2.05	999.99	999.99	999.99	999.99	286. 11.9
5580.	12.82	29499.	-49.70	2.02	999.99	999.99	999.99	999.99	999.99
5640.	12.17	29838.	-49.77	1.99	999.99	999.99	999.99	999.99	270. 11.6
5700.	11.54	30190.	-49.28	1.96	999.99	999.99	999.99	999.99	999.99
5760.	11.00	30503.	-46.77	1.93	999.99	999.99	999.99	999.99	272. 8.5
5820.	10.51	30804.	-46.61	1.90	999.99	999.99	999.99	999.99	999.99
5880.	10.02	31122.	-46.60	1.90	999.99	999.99	999.99	999.99	285. 6.4
5940.	9.52	31461.	-46.97	1.88	999.99	999.99	999.99	999.99	999.99
6000.	9.02	31815.	-47.47	1.88	999.99	999.99	999.99	999.99	288. 9.2
6060.	8.56	32166.	-48.72	1.88	999.99	999.99	999.99	999.99	999.99
6120.	8.10	32525.	-48.60	1.88	999.99	999.99	999.99	999.99	286. 6.0
6180.	7.70	32856.	-48.30	1.89	999.99	999.99	999.99	999.99	999.99
6240.	7.38	33145.	-45.34	1.93	999.99	999.99	999.99	999.99	252. 11.8
6300.	7.06	33440.	-42.74	1.96	999.99	999.99	999.99	999.99	999.99
6360.	6.76	33729.	-40.03	2.04	999.99	999.99	999.99	999.99	263. 9.1
6420.	6.48	34020.	-38.24	2.15	999.99	999.99	999.99	999.99	999.99
6480.	6.22	34306.	-36.40	2.30	999.99	999.99	999.99	999.99	280. 4.7
6540.	5.97	34589.	-34.29	2.52	999.99	999.99	999.99	999.99	999.99

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PARTIAL PRESSURE OF OZONE

TEMPERATURE

HUMIDITY

NOTE: NO OZONE DATA AVAILABLE

Time	Press	Alt	Temp	RH	Ozone	OzMixR	OzConcen	W-Dir	W-Spd
Secs	hPa	Geop m	Deg C	%	micmb	micgg	10^12/cm3	deg	mps
0.	979.28	315.	23.72	41.13	48.55	0.08	1.18	0.	6.5
60.	950.12	575.	19.31	52.10	49.43	0.09	1.22	210.	10.0
120.	914.04	905.	17.50	50.88	45.15	0.08	1.13	201.	12.0
180.	881.32	1216.	20.51	27.22	48.88	0.09	1.21	200.	14.6
240.	849.98	1527.	18.68	27.85	50.27	0.10	1.25	191.	14.8
300.	821.84	1813.	16.82	27.21	49.98	0.10	1.25	205.	13.9
360.	789.40	2154.	14.36	27.37	47.49	0.10	1.20	222.	13.6
420.	765.61	2410.	12.14	32.27	47.49	0.10	1.21	233.	13.1
480.	740.02	2693.	9.97	29.44	46.24	0.10	1.18	240.	12.4
540.	714.05	2988.	7.89	21.62	43.52	0.10	1.12	238.	11.3
600.	690.86	3259.	6.44	16.79	40.40	0.10	1.05	239.	8.3
660.	666.19	3556.	4.21	15.64	39.30	0.10	1.03	251.	7.5
720.	641.40	3862.	1.96	16.72	36.01	0.09	0.95	268.	6.4
780.	617.75	4164.	-0.05	10.66	35.15	0.09	0.93	265.	6.1
840.	596.70	4441.	-0.85	6.84	29.11	0.08	0.77	263.	7.3
900.	578.10	4693.	-1.59	4.77	29.91	0.09	0.80	265.	9.4
960.	556.53	4994.	-2.93	6.95	21.53	0.06	0.58	275.	11.9
1020.	534.69	5309.	-5.38	7.12	19.91	0.06	0.54	275.	11.7
1080.	509.51	5686.	-7.49	4.63	20.24	0.07	0.55	262.	10.8
1140.	490.40	5982.	-9.81	4.66	19.59	0.07	0.54	255.	10.4
1200.	470.60	6299.	-11.53	3.35	24.80	0.09	0.69	255.	8.1
1260.	452.22	6602.	-13.86	3.38	25.11	0.09	0.70	257.	9.5
1320.	433.82	6916.	-16.38	3.79	22.14	0.08	0.62	254.	8.8
1380.	412.45	7293.	-19.98	4.72	18.36	0.07	0.53	257.	6.8
1440.	391.35	7680.	-22.67	5.01	15.93	0.07	0.46	266.	7.8
1500.	371.48	8060.	-25.80	4.90	15.49	0.07	0.45	270.	9.9
1560.	350.82	8471.	-29.68	5.56	14.57	0.07	0.43	271.	10.3
1620.	330.35	8896.	-33.44	6.23	14.61	0.07	0.44	286.	11.7
1680.	311.10	9314.	-37.09	7.86	14.84	0.08	0.46	297.	14.0
1740.	292.78	9730.	-40.57	9.06	13.48	0.08	0.42	297.	17.1
1800.	276.34	10121.	-44.15	9.83	13.29	0.08	0.42	299.	17.7
1860.	259.16	10548.	-47.43	9.80	13.76	0.09	0.44	294.	15.0
1920.	244.14	10941.	-49.82	9.68	15.88	0.11	0.51	295.	14.1
1980.	229.87	11334.	-49.55	9.08	15.39	0.11	0.50	273.	16.9
2040.	217.23	11703.	-50.71	8.40	15.62	0.12	0.51	271.	21.2
2100.	206.46	12033.	-52.66	8.24	15.35	0.12	0.50	275.	19.9
2160.	196.41	12354.	-54.16	8.25	13.03	0.11	0.43	276.	19.6
2220.	187.01	12667.	-55.82	8.24	11.05	0.10	0.37	278.	18.0
2280.	175.80	13058.	-58.34	8.49	12.26	0.12	0.41	260.	16.5
2340.	165.64	13430.	-60.53	8.64	14.51	0.15	0.49	253.	19.8
2400.	158.05	13721.	-61.89	8.84	14.54	0.15	0.50	249.	21.

3660.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	237.	4.2
3720.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	238.	4.6
3780.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	241.	6.0
3840.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	248.	5.9
3900.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	168.	2.6
3960.	50.65	99999.	-59.62	7.22	100.39	3.28	3.41	206.	5.0
4020.	48.53	99999.	-57.47	6.83	103.64	3.54	3.48	232.	6.3
4080.	46.55	99999.	-56.80	6.40	108.60	3.87	3.64	236.	6.9
4140.	44.55	99999.	-57.43	6.14	108.45	4.03	3.64	226.	5.9
4200.	42.58	99999.	-58.79	5.98	109.12	4.25	3.69	245.	6.9
4260.	40.76	99999.	-56.91	5.75	117.42	4.77	3.93	271.	8.5
4320.	39.02	99999.	-56.57	5.58	120.02	5.10	4.01	255.	7.1
4380.	37.49	99999.	-54.62	5.33	124.72	5.51	4.13	278.	6.2
4440.	35.92	99999.	-54.91	5.13	127.75	5.89	4.24	278.	6.1
4500.	34.41	99999.	-55.71	5.00	125.80	6.06	4.19	274.	5.5
4560.	32.86	99999.	-55.16	4.83	126.42	6.37	4.20	293.	3.6
4620.	31.35	99999.	-54.81	4.67	128.70	6.80	4.27	258.	3.0
4680.	29.99	99999.	-54.76	4.52	132.16	7.30	4.38	227.	2.5
4740.	28.72	99999.	-54.15	4.39	133.07	7.68	4.40	206.	5.1
4800.	27.48	99999.	-53.34	4.27	134.80	8.13	4.44	243.	6.7
4860.	26.22	99999.	-53.49	4.13	130.90	8.27	4.32	254.	5.4
4920.	24.98	99999.	-53.68	3.99	125.62	8.33	4.15	245.	7.2
4980.	23.83	99999.	-53.67	3.86	124.60	8.66	4.11	250.	8.4
5040.	22.76	99999.	-51.88	3.75	127.12	9.26	4.16	245.	8.9
5100.	21.77	99999.	-51.22	3.64	128.52	9.78	4.19	246.	9.6
5160.	20.79	99999.	-51.55	3.51	125.14	9.98	4.09	248.	10.9
5220.	19.87	99999.	-51.43	3.45	122.35	10.20	4.00	252.	11.8
5280.	18.93	99999.	-49.87	3.32	120.87	10.58	3.92	257.	11.7
5340.	18.06	99999.	-49.45	3.22	121.02	11.10	3.92	267.	12.7
5400.	17.25	99999.	-49.19	3.11	115.97	11.14	3.75	289.	13.2
5460.	16.45	99999.	-50.19	3.02	109.82	11.06	3.57	289.	13.7
5520.	15.66	99999.	-51.38	2.97	104.39	11.04	3.41	281.	12.3
5580.	14.94	99999.	-51.61	2.93	98.61	10.94	3.22	295.	11.3
5640.	14.24	99999.	-51.48	2.86	92.42	10.75	3.02	302.	9.2
5700.	13.56	99999.	-51.30	2.80	89.90	10.99	2.93	292.	6.6
5760.	12.93	99999.	-50.22	2.75	84.77	10.86	2.75	281.	6.2
5820.	12.37	99999.	-49.78	2.69	78.59	10.53	2.55	276.	6.9
5880.	11.83	99999.	-49.63	2.64	75.39	10.56	2.44	260.	7.0
5940.	11.33	99999.	-47.65	2.58	70.74	10.35	2.27	246.	7.5
6000.	10.81	99999.	-45.61	2.52	67.27	10.31	2.14	250.	8.6
6060.	10.33	99999.	-45.79	2.45	64.82	10.39	2.06	249.	7.2
6120.	9.87	99999.	-45.50	2.41	61.29	10.29	1.95	235.	9.2
6180.	9.43	99999.	-43.80	2.37	59.48	10.45	1.88	251.	12.6
6240.	9.02	99999.	-42.82	2.33	57.89	10.64	1.82	287.	10.3
6300.	8.62	99999.	-42.79	2.29	54.69	10.51	1.72	311.	7.1
6360.	8.22	99999.	-43.43	2.27	51.76	10.43	1.63	285.	7.1
6420.	7.87	99999.	-43.53	2.26	49.90	10.50	1.57	284.	9.4
6480.	7.55	99999.	-43.91	2.22	47.02	10.32	1.49	310.	8.2

arm00024 10/18/95 1618+44 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	978.32	315.	21.74	58.38	28.46	0.05	0.70	300.	7.4
60.	944.71	614.	17.35	71.73	34.24	0.06	0.85	298.	8.9
120.	903.49	991.	14.05	83.60	32.89	0.06	0.83	301.	8.7
180.	865.04	1355.	10.98	96.94	32.61	0.06	0.83	290.	7.4
240.	830.89	1689.	9.76	97.64	31.02	0.06	0.79	230.	4.5
300.	799.46	2012.	14.64	25.25	33.42	0.07	0.84	210.	15.0
360.	763.47	2400.	14.46	13.28	34.41	0.07	0.87	222.	19.3
420.	733.01	2742.	12.61	13.41	38.02	0.09	0.96	233.	18.6
480.	702.78	3093.	10.31	14.69	39.58	0.09	1.01	241.	16.2
540.	673.99	3438.	7.18	15.88	38.08	0.09	0.98	246.	14.6
600.	646.23	3781.	3.99	22.30	35.10	0.09	0.92	240.	14.1
660.	615.68	4171.	0.24	31.23	33.19	0.09	0.88	236.	14.6
720.	586.41	4559.	-3.26	40.93	31.18	0.09	0.84	246.	15.3
780.	558.58	4940.	-6.52	37.31	28.29	0.08	0.77	251.	14.8
840.	531.83	5321.	-8.79	20.40	23.88	0.07	0.65	255.	16.4
900.	504.64	5726.	-10.87	7.76	21.78	0.07	0.60	260.	17.7
960.	480.32	6103.	-13.45	27.78	21.22	0.07	0.59	263.	19.2
1020.	459.03	6446.	-16.50	33.15	18.78	0.07	0.53	258.	20.6
1080.	437.97	6797.	-19.25	17.64	19.64	0.07	0.56	257.	22.8
1140.	415.99	7178.	-20.98	5.67	20.72	0.08	0.60	255.	24.6
1200.	395.19	7555.	-23.73	6.06	20.84	0.09	0.61	258.	25.8
1260.	376.53	7906.	-25.94	4.55	24.82	0.11	0.73	262.	25.5
1320.	357.10	8287.	-28.93	4.98	21.91	0.10	0.65	259.	26.2
1380.	337.68	8684.	-32.39	5.15	22.64	0.11	0.68	254.	27.2
1440.	319.02	9082.	-35.89	5.40	20.20	0.10	0.62	254.	26.4
1500.	302.47	9449.	-39.17	5.60	19.21	0.11	0.59	258.	26.1
1560.	285.80	9835.	-42.58	6.08	17.79	0.10	0.56	260.	26.3
1620.	270.06	10215.	-45.35	6.43	15.19	0.09	0.48	260.	27.9
1680.	255.07	10593.	-47.98	6.73	14.84	0.10	0.48	262.	29.5
1740.	240.67	10975.	-50.30	7.32	14.76	0.10	0.48	261.	29.8
1800.	227.59	11337.	-53.03	7.90	14.58	0.11	0.48	259.	33.3
1860.	216.08	11672.	-51.84	7.42	17.07	0.13	0.56	265.	38.4
1920.	203.56	12059.	-51.14	6.71	17.09	0.14	0.56	268.	38.9
1980.	192.18	12431.	-53.06	6.53	16.77	0.14	0.55	267.	35.1
2040.	182.03	12778.	-55.70	6.53	17.25	0.16	0.57	269.	37.4
2100.	172.90	13105.	-56.50	6.62	17.69	0.17	0.59	274.	36.5
2160.	164.27	13429.	-57.80	6.63	16.30	0.16	0.55	275.	32.5
2220.	154.13	13829.	-59.62	6.80	16.48	0.18	0.56	266.	28.8
2280.	144.89	14212.	-63.06	7.12	14.98	0.17	0.52	259.	30.6
2340.	136.50	14578.	-65.37	7.15	13.49	0.16	0.47	259.	34.2
2400.	128.41	14947.	-67.12	7.33	13.07	0.17	0.46	269.	31.7
2460.	121.39	15287.	-65.66	7.36	13.99	0.19	0.49	275.	24.5
2520.	114.80	15626.	-66.21	7.17	16.96	0.24	0.59	271.	22.9
2580.	108.49	15967.	-67.26	7.38	17.87	0.27	0.63	271.	23.1
2640.	102.32	16319.	-68.66	7.40	20.18	0.33	0.71	269.	19.7
2700.	96.27	16685.	-66.45	7.38	28.91	0.50	1.01	262.	15.5
2760.	90.62	17050.	-68.69	7.37	34.65	0.63	1.23	267.	17.1
2820.	84.63	17457.	-69.68	7.45	39.82	0.78	1.42	282.	17.7
2880.	79.73	17813.	-68.48	7.21	48.83	1.01	1.73	279.	12.1
2940.	75.09	18175.	-65.69	7.12	62.08	1.37	2.17	260.	11.0
3000.	70.70	18540.	-66.42	6.97	60.35	1.41	2.11	270.	10.6
3060.	66.65	18898.	-65.94	6.89	49.36	1.23	1.73	250.	10.1
3120.	62.60	19282.	-61.37	6.60	69.23	1.83	2.37	241.	10.8
3180.	58.50	19701.	-61.87	6.33	81.77	2.32	2.80	266.	9.7
3240.	54.89	20093.	-62.93	6.27	86.62	2.61	2.98	297.	5.8
3300.	51.79	20452.	-61.37	6.12	93.73	3.00	3.21	263.	3.4
3360.	48.95	20804.	-59.83	5.91	105.53	3.57	3.58	251.	7.7
3420.	46.04	21187.	-57.97	5.62	105.01	3.78	3.53	275.	4.6
3480.	43.23	21586.	-57.04	5.38	111.78	4.28	3.75	277.	4.0
3540.	40.54	21991.	-57.67	5.14	116.00	4.74	3.90	227.	3.7
3600.	38.25	22360.	-55.47	4.91	125.37	5.43	4.17	277.	4.4

3660.	36.14	22722.	-55.81	4.70	124.63	5.71	4.15	282.	6.4
3720.	33.92	23125.	-56.38	4.53	122.66	5.99	4.10	288.	6.5
3780.	31.88	23518.	-56.60	4.44	121.91	6.34	4.08	318.	3.2
3840.	29.88	23928.	-57.15	4.30	121.57	6.74	4.08	184.	1.9
3900.	27.96	24348.	-55.40	4.13	122.89	7.28	4.09	225.	5.9
3960.	26.40	24718.	-53.17	3.95	124.97	7.84	4.11	249.	7.3
4020.	24.88	25100.	-52.39	3.75	126.23	8.41	4.14	292.	8.0
4080.	23.42	25490.	-52.68	3.57	127.04	8.99	4.17	304.	6.4
4140.	22.00	25893.	-52.52	3.40	119.27	8.98	3.92	290.	7.0
4200.	20.65	26302.	-52.68	3.20	122.23	9.81	4.02	264.	6.5
4260.	19.45	26689.	-53.19	3.02	119.23	10.16	3.93	252.	8.5
4320.	18.29	27085.	-52.27	2.97	114.03	10.33	3.74	279.	8.8
4380.	17.21	27479.	-51.97	2.88	107.73	10.37	3.53	271.	5.9
4440.	16.10	27908.	-52.29	2.83	102.70	10.57	3.37	220.	5.2
4500.	15.11	28319.	-51.47	2.78	98.95	10.85	3.23	226.	8.5
4560.	14.17	28738.	-50.47	2.70	94.75	11.08	3.08	251.	9.5
4620.	13.31	29147.	-50.33	2.62	87.91	10.95	2.86	271.	8.8
4680.	12.51	29552.	-50.45	2.56	79.34	10.51	2.58	270.	6.3
4740.	11.73	29970.	-49.47	2.47	73.89	10.44	2.39	290.	6.3
4800.	11.01	30384.	-49.65	2.43	69.35	10.43	2.25	288.	6.3
4860.	10.35	30791.	-48.38	2.36	64.98	10.40	2.09	257.	5.4
4920.	9.74	31191.	-46.50	2.32	60.42	10.28	1.93	252.	9.0
4980.	9.15	31611.	-43.88	2.25	56.55	10.24	1.79	266.	7.3
5040.	8.58	32044.	-43.06	2.21	53.08	10.25	1.67	245.	5.1
5100.	8.03	32484.	-44.57	2.17	50.56	10.43	1.60	229.	6.4
5160.	7.52	32928.	-45.59	2.17	47.58	10.49	1.51	227.	8.2

arm00025 10/19/95 1540+11 UT

arm00026 10/20/95 1524+01 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	990.18	315.	15.83	17.18	25.14	0.04	0.63	310.	7.8
60.	958.90	583.	10.80	27.40	29.89	0.05	0.76	310.	13.2
120.	925.17	880.	8.72	31.94	33.28	0.06	0.86	321.	15.3
180.	891.92	1181.	6.28	33.71	33.27	0.06	0.86	326.	17.1
240.	859.60	1481.	3.47	37.73	33.01	0.06	0.86	333.	17.4
300.	828.47	1778.	0.62	44.82	32.62	0.07	0.86	336.	17.9
360.	798.21	2075.	-1.31	37.56	32.84	0.07	0.87	334.	21.1
420.	773.07	2330.	-1.76	19.52	33.39	0.07	0.89	333.	25.6
480.	745.71	2616.	-3.06	14.98	31.19	0.07	0.84	327.	28.0
540.	717.75	2917.	-4.02	9.76	31.51	0.07	0.85	323.	32.1
600.	690.31	3224.	-5.24	7.57	30.69	0.07	0.83	320.	35.7
660.	662.69	3543.	-6.53	9.76	32.88	0.08	0.89	318.	36.7
720.	638.55	3832.	-7.85	6.88	32.66	0.08	0.89	319.	37.3
780.	612.65	4153.	-8.40	5.02	29.75	0.08	0.81	320.	40.4
840.	587.94	4472.	-7.45	4.38	30.41	0.09	0.83	323.	43.4
900.	568.42	4734.	-9.21	4.32	31.17	0.09	0.86	322.	43.8
960.	546.48	5037.	-11.75	4.34	30.96	0.09	0.86	325.	43.8
1020.	527.04	5313.	-12.66	5.14	30.12	0.09	0.84	326.	44.9
1080.	507.87	5594.	-14.88	5.41	27.02	0.09	0.76	327.	45.0
1140.	489.28	5876.	-16.44	5.82	27.99	0.09	0.79	326.	47.9
1200.	470.79	6165.	-16.88	6.33	24.82	0.09	0.70	324.	50.2
1260.	452.54	6461.	-17.72	5.67	23.65	0.09	0.67	322.	50.7
1320.	433.14	6787.	-19.96	5.24	22.42	0.09	0.64	323.	50.6
1380.	413.90	7122.	-22.90	5.26	21.54	0.09	0.62	323.	50.5
1440.	394.84	7465.	-25.67	5.39	19.97	0.08	0.58	323.	50.5
1500.	376.68	7804.	-28.95	5.70	19.91	0.09	0.59	323.	51.2
1560.	358.64	8152.	-32.23	6.11	19.27	0.09	0.58	324.	51.0
1620.	341.93	8487.	-35.14	6.47	18.19	0.09	0.55	323.	50.0
1680.	325.64	8825.	-37.90	6.47	16.75	0.09	0.52	319.	49.2
1740.	308.90	9186.	-41.18	6.58	15.83	0.08	0.49	320.	48.5
1800.	292.59	9552.	-44.37	6.95	14.47	0.08	0.46	317.	46.9
1860.	276.04	9939.	-47.20	7.04	14.38	0.09	0.46	311.	46.9
1920.	260.97	10308.	-49.88	7.23	15.20	0.10	0.49	309.	50.5
1980.	246.21	10687.	-51.71	7.37	17.99	0.12	0.59	315.	53.0
2040.	233.18	11039.	-52.74	7.49	19.16	0.14	0.63	320.	52.2
2100.	219.57	11430.	-49.33	7.15	24.58	0.19	0.80	320.	45.8
2160.	205.65	11859.	-49.90	6.80	29.64	0.24	0.96	321.	39.8
2220.	193.94	12241.	-51.74	6.65	30.48	0.26	1.00	312.	37.1
2280.	180.14	12718.	-53.24	6.67	28.65	0.26	0.94	296.	38.8
2340.	168.13	13159.	-55.59	6.78	25.14	0.25	0.84	292.	42.1
2400.	158.37	13538.	-56.87	6.72	20.33	0.21	0.68	294.	41.4
2460.	148.16	13958.	-59.45	6.77	18.56	0.21	0.63	292.	41.5
2520.	138.72	14368.	-61.58	6.84	19.09	0.23	0.65	291.	40.9
2580.	130.38	14749.	-64.07	7.07	20.06	0.25	0.69	294.	40.8
2640.	121.69	15172.	-63.03	7.08	21.41	0.29	0.74	308.	37.6
2700.	113.39	15609.	-62.88	6.95	26.04	0.38	0.90	316.	28.1
2760.	106.91	15970.	-62.86	6.74	27.48	0.43	0.95	309.	23.9
2820.	99.90	16387.	-63.69	7.01	31.85	0.53	1.10	287.	23.9
2880.	93.08	16818.	-66.57	6.97	35.19	0.63	1.23	289.	25.8
2940.	86.76	17243.	-67.73	6.97	46.13	0.88	1.63	306.	26.0
3000.	80.76	17674.	-66.60	6.55	48.67	1.00	1.71	322.	17.9
3060.	75.42	18090.	-65.36	6.36	50.86	1.12	1.77	296.	9.7
3120.	70.43	18508.	-63.04	6.43	63.42	1.49	2.19	267.	11.4

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm3	W-Dir deg	W-Spd mps
0.	990.29	315.	13.40	28.84	28.68	0.05	0.72	139.	1.3
60.	955.36	612.	8.04	43.13	29.00	0.05	0.75	181.	3.6
120.	915.49	962.	7.48	13.67	33.26	0.06	0.86	231.	2.6
180.	878.36	1302.	7.56	7.52	34.76	0.07	0.90	243.	5.3
240.	842.33	1646.	6.21	6.64	33.36	0.07	0.86	247.	8.1
300.	806.76	1997.	3.57	25.94	34.08	0.07	0.89	265.	9.9
360.	772.08	2352.	2.19	27.27	32.75	0.07	0.86	281.	12.3
420.	737.27	2724.	0.80	19.80	31.17	0.07	0.82	279.	9.9
480.	709.10	3035.	0.10	12.27	33.37	0.08	0.88	256.	11.0
540.	677.91	3396.	0.77	6.42	41.45	0.10	1.10	256.	12.4
600.	652.19	3705.	-0.60	5.88	38.85	0.10	1.03	266.	11.0
660.	628.21	4004.	-0.74	5.29	36.66	0.10	0.97	263.	12.0
720.	603.94	4317.	-2.29	5.34	31.25	0.09	0.84	268.	14.0
780.	575.15	4703.	-4.94	5.48	31.20	0.09	0.84	269.	17.1
840.	551.52	5031.	-7.69	5.80	22.00	0.07	0.60	274.	19.2
900.	527.90	5369.	-10.23	9.75	21.18	0.07	0.58	270.	19.9
960.	505.03	5708.	-12.80	17.80	19.94	0.07	0.55	264.	20.0
1020.	482.99	6046.	-15.89	46.48	16.71	0.06	0.47	264.	21.2
1080.	464.31	6342.	-17.42	36.21	13.44	0.05	0.38	269.	23.3
1140.	442.87	6694.	-20.55	51.47	10.12	0.04	0.29	272.	24.9
1200.	423.71	7019.	-23.56	58.79	7.22	0.03	0.21	276.	24.1
1260.	402.09	7400.	-26.01	41.72	4.62	0.02	0.14	275.	23.8
1320.	383.39	7743.	-27.62	27.80	1.82	0.01	0.05	269.	25.2
1380.	365.59	8083.	-29.92	17.72	999.99	999.99	999.99	267.	26.2
1440.	348.38	8425.	-32.55	15.84	999.99	999.99	999.99	263.	29.5
1500.	330.11	8802.	-35.67	16.79	999.99	999.99	999.99	257.	30.5
1560.	314.46	9137.	-38.44	17.67	999.99	999.99	999.99	254.	31.4
1620.	300.50	9448.	-40.93	19.02	999.99	999.99	999.99	254.	33.3
1680.	285.91	9784.	-43.87	20.45	999.99	999.99	999.99	252.	34.0
1740.	272.07	10115.	-46.78	22.08	999.99	999.99	999.99	251.	35.1
1800.	259.02	10439.	-49.60	23.31	999.99	999.99	999.99	252.	34.8
1860.	246.03	10773.	-52.35	23.70	999.99	999.99	999.99	251.	35.2
1920.	234.14	11091.	-54.77	24.31	999.99	999.99	999.99	251.	36.3
1980.	223.37	11392.	-55.75	24.09	999.99	999.99	999.99	250.	36.6
2040.	213.20	11688.	-56.70	23.37	999.99	999.99	999.99	246.	36.0
2100.	203.90	11970.	-56.92	23.08	999.99	999.99	999.99	248.	38.0
2160.	194.88	12256.	-57.85	22.51	999.99	999.99	999.99	249.	37.7
2220.	186.02	12549.	-57.80	21.60	999.99	999.99	999.99	249.	38.2
2280.	178.46	12810.	-58.93	21.90	999.99	999.99	999.99	251.	37.7
2340.	170.68	13089.	-59.84	21.85	999.99	999.99	999.99	252.	36.2
2400.	163.06	13374.	-60.19	21.56	999.99	999.99	999.99	249.	37.9
2460.	155.11	13685.	-62.13	21.61	999.99	999.99	999.99	250.	36.0
2520.	147.17	14010.	-62.32	21.38	999.99	999.99	999.99	253.	37.5
2580.	140.68	14288.	-62.58	21.35	999.99	999.99	999.99	261.	37.6
2640.	134.06	14585.	-62.92	20.82	999.99	999.99	999.99	262.	34.4
2700.	127.80	14878.	-63.92	21.21	999.99	999.99	999.99	260.	32.2
2760.	121.12	15207.	-64.14	21.04	999.99	999.99	999.99	264.	30.1
2820.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	261.	28.8
2880.	109.88	15800.	-65.55	20.92	999.99	999.99	999.99	259.	26.0
2940.	104.93	16080.	-66.02	20.87	999.99	999.99	999.99	253.	24.6
3000.	100.07	16366.	-66.27	20.91	999.99	999.99	999.99	260.	22.9
3060.	94.94	16685.	-66.60	20.85	999.99	999.99	999.99	259.	21.8
3120.	90.41	16981.	-66.33	20.69	999.99	999.99	999.99	257.	22.0
3180.	86.07	17280.	-65.63	20.58	999.99	999.99	999.99	259.	21.9
3240.	81.92	17582.	-62.63	20.02	999.99	999.99	999.99	260.	16.4
3300.	78.31	17862.	-60.95	19.22	999.99	999.99	999.99	254.	16.6
3360.	74.67	18158.	-60.46	18.53	999.99	999.99	999.99	253.	15.4
3420.	71.26	18448.	-61.58	18.09	999.99	999.99	999.99	249.	14.1
3480.	68.06	18732.	-62.16	17.86	999.99	999.99	999.99	244.	14.5
3540.	65.04	19013.	-61.23	17.57	999.99	999.99	999.99	262.	13.7
3600.	62.11	19301.	-59.34	16.58	999.99	999.99	999.99	264.	10.9

3660.	59.07	19614.	-59.87	16.19	999.99	999.99	999.99	248.	10.1
3720.	55.89	19960.	-58.87	15.43	999.99	999.99	999.99	249.	9.9
3780.	53.09	20283.	-58.56	14.64	999.99	999.99	999.99	247.	6.8
3840.	50.63	20582.	-57.51	13.78	999.99	999.99	999.99	242.	6.0
3900.	48.25	20885.	-58.09	12.98	999.99	999.99	999.99	254.	8.3
3960.	45.96	21191.	-59.05	12.33	999.99	999.99	999.99	240.	11.4
4020.	43.60	21521.	-58.25	12.00	999.99	999.99	999.99	250.	10.5
4080.	41.41	21844.	-58.49	11.52	999.99	999.99	999.99	262.	12.8
4140.	39.46	22151.	-54.79	10.83	999.99	999.99	999.99	264.	15.1
4200.	37.61	22459.	-53.72	9.85	999.99	999.99	999.99	252.	13.1
4260.	35.68	22798.	-53.52	9.06	999.99	999.99	999.99	246.	11.2
4320.	33.80	23143.	-55.03	8.14	999.99	999.99	999.99	242.	9.1
4380.	32.08	23476.	-55.81	7.85	999.99	999.99	999.99	241.	8.7
4440.	30.52	23793.	-56.43	7.62	999.99	999.99	999.99	259.	10.3
4500.	29.11	24095.	-53.87	7.37	999.99	999.99	999.99	287.	12.9
4560.	27.69	24417.	-53.24	6.65	999.99	999.99	999.99	282.	9.7
4620.	26.26	24758.	-53.41	6.59	999.99	999.99	999.99	252.	11.6
4680.	24.88	25104.	-53.77	6.22	999.99	999.99	999.99	256.	13.0
4740.	23.51	25467.	-53.75	5.96	999.99	999.99	999.99	272.	8.9
4800.	22.26	25819.	-54.43	5.36	999.99	999.99	999.99	273.	6.7
4860.	21.01	26187.	-55.22	5.51	999.99	999.99	999.99	252.	7.5
4920.	19.84	26551.	-56.84	5.37	999.99	999.99	999.99	262.	10.0
4980.	18.71	26921.	-57.14	5.23	999.99	999.99	999.99	250.	9.7
5040.	17.64	27295.	-56.19	5.05	999.99	999.99	999.99	263.	8.1
5100.	16.67	27655.	-55.12	4.96	999.99	999.99	999.99	246.	6.6
5160.	15.79	28000.	-52.71	4.81	999.99	999.99	999.99	239.	6.6
5220.	14.85	28396.	-54.24	4.54	999.99	999.99	999.99	255.	4.0
5280.	13.99	28778.	-55.03	4.45	999.99	999.99	999.99	252.	7.5
5340.	13.18	29161.	-53.97	4.31	999.99	999.99	999.99	272.	10.6
5400.	12.46	29524.	-51.79	4.08	999.99	999.99	999.99	283.	16.1
5460.	11.79	29884.	-51.03	3.89	999.99	999.99	999.99	292.	11.6
5520.	11.14	30250.	-49.53	3.70	999.99	999.99	999.99	999.	999.9
5580.	10.50	30643.	-47.91	3.48	999.99	999.99	999.99	999.	999.9
5640.	9.85	31062.	-46.64	3.27	999.99	999.99	999.99	999.	999.9
5700.	9.27	31465.	-46.43	3.14	999.99	999.99	999.99	999.	999.9
5760.	8.75	31848.	-45.77	2.95	999.99	999.99	999.99	999.	999.9
5820.	8.34	32172.	-44.93	2.90	999.99	999.99	999.99	999.	999.9
5880.	7.97	32476.	-44.16	2.83	999.99	999.99	999.99	999.	999.9
5940.	7.52	32864.	-44.15	2.71	999.99	999.99	999.99	999.	999.9
6000.	7.10	33252.	-43.05	2.80	999.99	999.99	999.99	999.	999.9
6060.	6.71	33628.	-43.36	2.82	999.99	999.99	999.99	999.	999.9
6120.	6.38	33968.	-43.37	2.84	999.99	999.99	999.99	999.	999.9

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Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	985.66	315.	17.53	21.25	37.55	0.06	0.94	0.	3.2
60.	938.23	731.	12.95	25.64	37.68	0.07	0.95	179.	6.1
120.	893.45	1138.	8.91	31.02	36.42	0.07	0.94	186.	6.2
180.	853.37	1515.	7.94	23.73	35.41	0.07	0.91	210.	8.8
240.	815.87	1884.	6.77	26.17	38.44	0.08	0.99	234.	10.5
300.	780.32	2248.	5.46	26.42	37.96	0.08	0.99	247.	13.6
360.	744.54	2630.	3.97	41.77	34.39	0.08	0.90	252.	16.4
420.	710.60	3008.	1.80	54.85	29.74	0.07	0.78	262.	16.6
480.	677.38	3391.	-0.20	65.04	30.02	0.07	0.80	266.	19.1
540.	645.93	3770.	-0.78	10.13	33.19	0.09	0.88	262.	20.4
600.	616.07	4147.	-0.68	6.91	29.84	0.08	0.79	265.	19.7
660.	587.33	4527.	-3.26	7.21	26.96	0.08	0.72	265.	18.7
720.	557.40	4938.	-6.44	7.58	25.02	0.07	0.68	261.	18.1
780.	527.89	5360.	-9.73	15.42	25.56	0.08	0.70	252.	17.2
840.	500.15	5773.	-12.98	37.00	23.46	0.08	0.65	249.	17.6
900.	475.33	6159.	-15.63	44.04	18.34	0.06	0.52	252.	19.7
960.	451.47	6545.	-19.04	62.88	15.41	0.06	0.44	255.	19.7
1020.	428.38	6933.	-22.52	57.84	12.23	0.05	0.35	259.	19.4
1080.	405.95	7325.	-25.55	41.08	11.70	0.05	0.34	258.	20.2
1140.	382.58	7752.	-28.64	34.61	11.23	0.05	0.33	258.	22.4
1200.	360.17	8181.	-32.09	35.29	10.26	0.05	0.31	257.	24.2
1260.	337.87	8629.	-35.47	33.98	9.02	0.04	0.28	252.	27.2
1320.	316.82	9073.	-38.56	56.68	8.53	0.04	0.26	251.	29.0
1380.	296.89	9516.	-42.37	64.52	8.12	0.05	0.25	250.	30.5
1440.	278.35	9947.	-46.37	60.39	7.67	0.05	0.25	253.	30.6
1500.	261.79	10351.	-49.92	60.87	7.61	0.05	0.25	254.	30.2
1560.	245.82	10759.	-53.49	57.50	6.97	0.05	0.23	253.	30.8
1620.	230.00	11183.	-56.95	51.87	6.90	0.05	0.23	247.	34.4
1680.	217.08	11551.	-56.24	46.40	13.70	0.10	0.46	248.	35.4
1740.	206.51	11867.	-57.47	42.59	14.34	0.12	0.48	246.	36.5
1800.	196.68	12175.	-57.40	40.72	14.32	0.12	0.48	246.	39.4
1860.	187.90	12462.	-59.02	39.04	15.11	0.13	0.51	245.	40.6
1920.	179.05	12765.	-58.56	38.21	13.48	0.12	0.45	247.	42.0
1980.	170.69	13064.	-59.59	37.25	12.77	0.12	0.43	249.	41.5
2040.	162.49	13372.	-60.30	36.46	11.29	0.12	0.38	250.	42.4
2100.	154.68	13678.	-61.09	35.92	14.04	0.15	0.48	254.	39.4
2160.	147.70	13964.	-61.97	35.55	12.18	0.14	0.42	258.	35.9
2220.	140.86	14256.	-63.43	35.19	16.77	0.20	0.58	259.	33.6
2280.	134.15	14556.	-63.82	35.03	20.56	0.25	0.71	256.	32.8
2340.	127.66	14859.	-64.71	34.85	20.60	0.27	0.72	254.	32.6
2400.	121.00	15185.	-65.34	34.71	19.41	0.27	0.68	254.	32.1
2460.	115.16	15486.	-64.95	34.67	12.98	0.19	0.45	256.	32.5
2520.	109.57	15789.	-65.03	34.60	14.18	0.21	0.49	255.	33.0
2580.	104.24	16092.	-65.67	34.47	15.02	0.24	0.52	256.	30.1
2640.	98.23	16452.	-66.10	34.39	19.14	0.32	0.67	263.	25.5
2700.	92.58	16812.	-66.35	34.31	25.51	0.46	0.89	269.	21.5
2760.	87.46	17156.	-66.34	34.25	31.03	0.59	1.09	259.	19.5
2820.	82.92	17480.	-63.83	34.30	64.07	1.28	2.22	247.	22.3
2880.	78.90	17786.	-62.66	34.11	82.13	1.72	2.83	257.	22.0
2940.	74.88	18108.	-63.35	33.84	89.40	1.98	3.09	276.	17.3
3000.	71.05	18429.	-64.38	33.58	90.04	2.10	3.12	278.	14.5
3060.	67.34	18759.	-62.49	33.37	76.50	1.88	2.63	266.	14.3
3120.	63.61	19112.	-61.56	33.03	68.51	1.78	2.35	278.	9.4
3180.	60.54	19421.	-59.56	31.18	78.38	2.15	2.66	253.	7.9
3240.	57.59	19732.	-60.55	29.19	82.67	2.38	2.82	254.	11.6
3300.	54.80	20044.	-58.18	26.83	97.02	2.93	3.27	245.	11.3
3360.	51.78	20400.	-57.90	24.41	100.81	3.23	3.39	252.	10.7
3420.	48.79	20776.	-57.88	22.45	101.05	3.43	3.40	258.	10.6
3480.	46.15	21125.	-59.00	20.31	99.81	3.58	3.38	247.	13.4
3540.	43.87	21443.	-57.76	18.74	101.86	3.85	3.43	255.	14.8
3600.	41.64	21774.	-55.68	16.76	109.45	4.36	3.65	269.	13.0

3660.	39.18	22163.	-55.23	15.41	113.49	4.80	3.77	279.	12.2
3720.	36.89	22547.	-56.32	14.10	108.24	4.86	3.62	261.	12.0
3780.	34.92	22893.	-56.37	13.27	114.18	5.42	3.81	238.	10.4
3840.	33.14	23227.	-55.22	12.57	118.06	5.90	3.92	224.	12.2
3900.	31.35	23580.	-54.58	11.97	120.78	6.38	4.00	237.	11.3
3960.	29.65	23938.	-55.29	11.23	119.17	6.66	3.96	273.	9.0
4020.	28.08	24283.	-54.92	10.95	122.43	7.22	4.06	281.	7.7
4080.	26.54	24642.	-56.15	10.60	120.59	7.53	4.02	274.	10.0
4140.	24.98	25031.	-55.17	10.32	123.57	8.20	4.11	285.	12.8
4200.	23.62	25386.	-56.04	10.09	121.15	8.50	4.04	295.	9.2
4260.	22.36	25735.	-56.74	9.74	118.77	8.80	3.97	259.	8.8
4320.	21.19	26074.	-56.62	9.64	117.69	9.20	3.94	251.	13.6
4380.	20.09	26414.	-56.79	9.44	115.82	9.55	3.88	251.	15.0
4440.	18.94	26786.	-55.69	9.12	110.67	9.68	3.69	254.	14.9
4500.	17.81	27176.	-56.47	8.89	98.03	9.12	3.28	252.	12.2
4560.	16.77	27560.	-56.42	8.69	88.09	8.70	2.94	247.	14.1
4620.	15.77	27950.	-55.05	8.45	83.24	8.75	2.76	261.	15.3
4680.	14.80	28354.	-54.34	8.28	79.09	8.85	2.62	272.	14.3
4740.	13.87	28775.	-52.20	8.09	73.32	8.76	2.40	284.	13.4
4800.	13.06	29162.	-51.54	7.85	69.17	8.77	2.26	301.	10.9
4860.	12.32	29540.	-50.10	7.65	64.52	8.67	2.10	296.	1.4
4920.	11.62	29927.	-50.28	7.49	59.63	8.51	1.94	219.	4.3
4980.	10.91	30336.	-50.74	7.31	58.87	8.94	1.92	292.	5.5
5040.	10.23	30756.	-49.61	7.20	55.49	8.99	1.80	267.	7.9
5100.	9.62	31156.	-48.62	7.08	53.14	9.15	1.71	259.	6.9

arm00028 10/24/95 2045+47 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	978.30	315.	24.10	24.97	39.56	0.07	0.96	200.	5.0
60.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	229.	23.2
120.	927.82	771.	18.90	34.80	44.36	0.08	1.10	215.	9.0
180.	871.53	1301.	14.04	46.99	42.07	0.08	1.06	209.	8.6
240.	834.52	1663.	10.21	57.17	40.28	0.08	1.03	216.	9.7
300.	803.00	1982.	11.26	29.74	36.93	0.08	0.94	239.	13.4
360.	780.31	2221.	12.32	24.51	35.47	0.08	0.90	247.	14.9
420.	748.89	2563.	9.86	31.64	35.52	0.08	0.91	256.	17.5
480.	718.04	2910.	6.78	30.51	33.52	0.08	0.87	259.	17.8
540.	690.50	3229.	4.26	28.61	31.67	0.08	0.83	262.	18.4
600.	660.61	3586.	2.19	19.28	30.58	0.08	0.80	262.	19.7
660.	631.56	3946.	-1.32	36.28	23.98	0.06	0.64	268.	18.7
720.	604.93	4287.	-4.22	33.53	22.97	0.06	0.62	267.	18.7
780.	580.01	4617.	-7.13	52.91	21.35	0.06	0.58	265.	20.5
840.	556.65	4935.	-9.87	44.65	24.03	0.07	0.66	271.	20.5
900.	532.93	5269.	-11.68	12.11	24.15	0.08	0.67	272.	18.8
960.	510.07	5604.	-13.07	7.48	19.47	0.06	0.54	269.	17.6
1020.	487.15	5953.	-14.73	5.41	19.17	0.07	0.54	260.	19.7
1080.	464.35	6314.	-17.82	9.05	18.61	0.07	0.53	259.	21.7
1140.	443.45	6656.	-20.51	8.17	16.18	0.06	0.46	260.	21.4
1200.	422.51	7012.	-22.59	5.22	15.76	0.06	0.46	266.	21.2
1260.	401.43	7386.	-24.75	4.34	14.99	0.06	0.44	267.	22.8
1320.	381.10	7761.	-28.01	4.68	13.92	0.06	0.41	268.	24.5
1380.	360.57	8156.	-31.50	10.32	14.52	0.07	0.44	269.	26.4
1440.	341.54	8537.	-35.35	13.53	13.29	0.06	0.40	265.	26.9
1500.	323.46	8913.	-38.60	14.94	11.36	0.06	0.35	261.	27.7
1560.	305.21	9309.	-42.30	22.85	11.02	0.06	0.35	258.	26.9
1620.	286.44	9734.	-46.09	25.47	10.60	0.06	0.34	258.	23.9
1680.	269.54	10136.	-48.85	24.26	10.14	0.06	0.33	258.	22.7
1740.	252.32	10566.	-52.39	23.69	11.09	0.07	0.36	259.	26.7
1800.	236.61	10980.	-54.08	21.38	12.98	0.09	0.43	265.	31.6
1860.	222.26	11380.	-55.60	20.93	14.33	0.11	0.48	270.	33.1
1920.	209.02	11769.	-57.87	20.23	13.70	0.11	0.46	269.	33.8
1980.	197.08	12138.	-59.25	20.74	13.30	0.11	0.45	271.	35.1
2040.	185.43	12520.	-59.09	18.46	15.97	0.14	0.54	267.	33.7
2100.	173.90	12922.	-58.86	16.03	17.77	0.17	0.60	268.	32.9
2160.	163.26	13317.	-59.40	15.46	14.78	0.15	0.50	269.	29.9
2220.	153.77	13692.	-60.25	17.47	19.28	0.21	0.66	263.	29.7
2280.	145.78	14023.	-61.07	15.63	21.91	0.25	0.75	263.	31.9
2340.	138.03	14362.	-61.34	14.02	27.50	0.33	0.94	264.	29.3
2400.	130.22	14722.	-62.58	14.05	27.45	0.35	0.94	261.	27.7
2460.	122.86	15080.	-62.78	12.40	29.22	0.39	1.01	260.	29.6
2520.	115.95	15436.	-63.61	13.29	25.07	0.36	0.87	262.	30.0
2580.	109.55	15784.	-63.25	14.09	26.43	0.40	0.91	267.	29.0
2640.	103.41	16138.	-63.66	12.30	33.89	0.54	1.17	271.	25.3
2700.	97.71	16485.	-64.26	12.53	44.71	0.76	1.55	272.	24.4
2760.	92.41	16826.	-64.07	12.77	51.34	0.92	1.78	278.	19.7
2820.	87.10	17188.	-63.08	13.12	49.86	0.95	1.72	275.	13.4
2880.	81.95	17562.	-64.62	13.55	47.20	0.95	1.64	271.	13.0
2940.	77.39	17913.	-63.47	13.89	62.89	1.35	2.17	263.	11.8
3000.	73.10	18261.	-64.59	14.98	68.10	1.54	2.36	262.	13.6
3060.	69.21	18597.	-62.55	16.98	86.95	2.08	2.99	266.	16.3
3120.	64.95	18989.	-62.21	18.02	97.05	2.48	3.33	265.	14.2
3180.	61.08	19369.	-60.66	15.85	97.59	2.65	3.33	257.	15.6
3240.	57.45	19752.	-58.58	14.62	79.48	2.29	2.68	268.	14.3
3300.	53.92	20148.	-59.54	16.58	82.30	2.53	2.79	285.	11.2
3360.	50.70	20532.	-60.56	18.22	88.21	2.88	3.01	280.	11.5
3420.	47.64	20921.	-58.16	14.20	97.78	3.40	3.29	279.	14.5
3480.	44.91	21294.	-57.19	15.75	104.78	3.87	3.51	280.	10.8
3540.	42.37	21663.	-56.46	15.36	105.46	4.12	3.53	260.	12.7
3600.	40.11	22011.	-55.93	14.29	103.41	4.27	3.45	266.	13.1

3660.	37.64	22415.	-54.97	9.86	108.25	4.77	3.59	254.	10.5
3720.	35.25	22834.	-55.07	7.30	109.16	5.13	3.63	245.	9.7
3780.	33.23	23211.	-55.72	9.97	109.68	5.47	3.65	250.	8.8
3840.	31.36	23580.	-54.97	6.12	111.93	5.91	3.72	249.	9.5
3900.	29.66	23936.	-53.94	6.12	115.90	6.47	3.83	248.	8.7
3960.	27.74	24365.	-55.80	5.63	113.72	6.79	3.79	238.	11.6
4020.	26.00	24777.	-56.42	4.78	112.29	7.16	3.75	244.	13.8
4080.	24.50	25155.	-56.30	4.36	113.43	7.67	3.79	250.	14.5
4140.	22.92	25579.	-55.50	3.83	113.80	8.23	3.79	241.	14.8
4200.	21.23	26068.	-54.95	3.38	109.15	8.52	3.62	240.	18.4
4260.	19.91	26478.	-54.28	3.16	103.34	8.60	3.42	254.	17.7
4320.	18.59	26917.	-54.57	3.12	90.72	8.09	3.01	249.	16.5
4380.	17.53	27290.	-54.42	2.99	80.79	7.64	2.68	255.	15.9
4440.	16.52	27671.	-54.37	2.77	73.76	7.40	2.44	257.	11.7
4500.	15.55	28058.	-54.47	2.66	67.52	7.19	2.24	244.	10.7
4560.	14.65	28444.	-53.86	2.28	61.55	6.96	2.03	235.	12.6
4620.	13.77	28840.	-53.12	2.22	56.40	6.79	1.86	249.	15.0
4680.	12.97	29226.	-51.91	2.27	51.33	6.56	1.68	255.	12.2
4740.	12.25	29596.	-51.30	2.35	49.52	6.70	1.62	247.	9.8
4800.	11.58	29963.	-49.74	2.92	46.26	6.62	1.50	224.	8.4
4860.	10.90	30360.	-48.82	2.63	44.67	6.79	1.44	220.	12.9
4920.	10.21	30790.	-48.34	2.69	41.54	6.74	1.34	237.	15.8
4980.	9.60	31200.	-46.59	2.44	39.46	6.81	1.26	245.	17.0
5040.	9.04	31599.	-45.12	2.96	33.23	6.09	1.06	252.	21.3
5100.	8.51	32007.	-43.17	2.64	34.88	6.80	1.10	268.	20.5
5160.	7.98	32437.	-42.45	2.46	33.58	6.97	1.05	284.	18.6

arm00029 10/25/95 1939+22 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	966.13	315.	18.11	82.66	26.13	0.04	0.65	220.	5.0
60.	925.88	675.	13.44	98.29	27.45	0.05	0.69	206.	9.6
120.	891.70	990.	17.52	41.42	37.72	0.07	0.94	221.	14.9
180.	856.89	1332.	21.09	6.63	41.82	0.08	1.03	225.	20.7
240.	825.13	1656.	18.48	7.91	43.51	0.09	1.08	229.	21.4
300.	793.21	1991.	15.53	9.01	44.74	0.09	1.12	229.	22.4
360.	763.02	2317.	12.61	9.13	42.85	0.09	1.09	228.	23.4
420.	734.12	2639.	9.90	9.51	40.10	0.09	1.03	225.	22.8
480.	706.13	2959.	7.34	10.29	37.67	0.09	0.97	221.	22.8
540.	676.22	3313.	4.52	13.70	35.07	0.09	0.91	221.	22.5
600.	648.47	3652.	1.85	12.20	31.46	0.08	0.83	223.	21.1
660.	622.22	3982.	-1.22	14.97	29.26	0.08	0.78	224.	20.3
720.	596.34	4320.	-2.50	4.91	29.63	0.08	0.79	235.	18.0
780.	571.62	4654.	-3.72	4.94	29.97	0.09	0.81	250.	15.1
840.	547.41	4994.	-6.32	5.92	27.21	0.08	0.74	259.	13.1
900.	524.99	5319.	-8.90	7.79	26.32	0.08	0.72	259.	13.1
960.	502.15	5662.	-11.77	18.42	22.31	0.07	0.62	264.	16.1
1020.	479.67	6010.	-14.58	16.45	21.47	0.07	0.60	270.	16.1
1080.	458.32	6354.	-16.21	3.91	23.57	0.09	0.66	279.	13.9
1140.	436.77	6713.	-19.75	4.05	20.49	0.08	0.59	282.	14.3
1200.	415.16	7087.	-22.83	4.73	20.09	0.08	0.58	290.	16.0
1260.	395.78	7435.	-25.89	5.78	19.30	0.08	0.57	290.	14.8
1320.	375.97	7805.	-29.15	6.15	17.28	0.08	0.51	289.	11.0
1380.	356.29	8186.	-32.46	8.32	14.37	0.07	0.43	301.	11.8
1440.	338.92	8536.	-35.62	10.88	12.70	0.06	0.39	311.	16.4
1500.	321.35	8903.	-38.48	22.90	11.44	0.06	0.35	316.	20.9
1560.	306.72	9221.	-41.22	25.63	10.66	0.06	0.33	322.	23.4
1620.	291.36	9569.	-43.34	24.84	12.73	0.07	0.40	327.	23.7
1680.	280.34	9828.	-43.06	15.43	16.41	0.10	0.52	333.	23.7
1740.	267.50	10142.	-44.80	14.13	17.04	0.11	0.54	333.	24.0
1800.	255.71	10442.	-46.81	13.31	16.20	0.10	0.52	334.	26.7
1860.	246.15	10694.	-48.10	11.84	14.88	0.10	0.48	334.	28.9
1920.	236.29	10963.	-49.87	9.48	14.67	0.10	0.48	334.	30.3
1980.	227.68	11204.	-51.13	11.30	13.92	0.10	0.45	337.	32.2
2040.	219.49	11442.	-51.42	10.43	14.85	0.11	0.48	341.	32.0
2100.	210.19	11722.	-52.99	11.09	15.41	0.12	0.51	343.	31.0
2160.	199.06	12071.	-55.42	9.03	15.34	0.13	0.51	343.	25.3
2220.	190.32	12356.	-56.85	8.59	14.57	0.13	0.49	337.	21.4
2280.	180.70	12683.	-59.04	9.21	14.71	0.13	0.50	336.	24.5
2340.	173.04	99999.	999.99	999.99	15.72	0.15	0.00	331.	26.7
2400.	166.54	99999.	999.99	999.99	19.23	0.19	0.00	334.	30.0
2460.	159.09	99999.	999.99	999.99	23.92	0.25	0.00	340.	26.2
2520.	151.61	99999.	999.99	999.99	26.54	0.29	0.00	328.	25.2
2580.	146.07	99999.	999.99	999.99	29.98	0.34	0.00	325.	24.9
2640.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	335.	25.7
2700.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	331.	27.3
2760.	130.85	99999.	999.99	999.99	38.05	0.48	0.00	340.	27.5
2820.	124.02	99999.	999.99	999.99	42.06	0.56	0.00	335.	20.6
2880.	118.05	99999.	999.99	999.99	39.09	0.55	0.00	327.	17.8
2940.	112.87	99999.	999.99	999.99	38.33	0.56	0.00	317.	18.3
3000.	108.06	99999.	999.99	999.99	34.48	0.53	0.00	310.	22.0
3060.	103.22	99999.	999.99	999.99	33.55	0.54	0.00	309.	19.9
3120.	98.54	99999.	999.99	999.99	33.47	0.56	0.00	292.	19.1
3180.	94.22	99999.	999.99	999.99	31.54	0.55	0.00	290.	21.1
3240.	89.81	99999.	999.99	999.99	38.62	0.71	0.00	305.	20.9
3300.	85.84	99999.	999.99	999.99	43.28	0.84	0.00	320.	16.5
3360.	82.36	99999.	999.99	999.99	62.56	1.26	0.00	317.	15.8
3420.	78.86	99999.	999.99	999.99	64.96	1.36	0.00	311.	15.0
3480.	74.91	99999.	999.99	999.99	61.68	1.36	0.00	308.	11.0
3540.	71.54	99999.	999.99	999.99	71.86	1.66	0.00	300.	11.1
3600.	68.38	99999.	999.99	999.99	88.02	2.13	0.00	302.	10.7

3660.	65.63	99999.	999.99	999.99	89.47	2.26	0.00	309.	12.4
3720.	62.72	99999.	999.99	999.99	92.79	2.45	0.00	298.	10.3
3780.	59.89	99999.	999.99	999.99	94.09	2.60	0.00	291.	7.1
3840.	57.16	99999.	999.99	999.99	91.20	2.64	0.00	292.	5.9
3900.	54.74	99999.	999.99	999.99	90.57	2.74	0.00	273.	3.0
3960.	52.34	99999.	999.99	999.99	102.43	3.24	0.00	232.	7.0
4020.	50.13	99999.	999.99	999.99	106.00	3.50	0.00	246.	11.9
4080.	47.86	99999.	999.99	999.99	97.14	3.36	0.00	271.	13.3
4140.	45.52	99999.	999.99	999.99	93.84	3.42	0.00	292.	12.6
4200.	43.33	99999.	999.99	999.99	99.21	3.79	0.00	301.	8.5
4260.	41.29	99999.	999.99	999.99	101.32	4.07	0.00	261.	5.8
4320.	39.40	99999.	999.99	999.99	105.41	4.43	0.00	242.	8.1
4380.	37.68	99999.	999.99	999.99	111.97	4.92	0.00	251.	9.0
4440.	36.00	99999.	999.99	999.99	118.91	5.47	0.00	259.	11.0
4500.	34.39	99999.	999.99	999.99	124.96	6.02	0.00	256.	14.0
4560.	32.86	99999.	999.99	999.99	121.49	6.13	0.00	257.	17.5
4620.	31.29	99999.	999.99	999.99	122.10	6.47	0.00	245.	15.7
4680.	29.76	99999.	999.99	999.99	124.43	6.93	0.00	259.	14.5
4740.	28.29	99999.	999.99	999.99	122.06	7.15	0.00	999.	999.9
4800.	26.96	99999.	999.99	999.99	125.50	7.71	0.00	999.	999.9
4860.	25.71	99999.	999.99	999.99	124.49	8.02	0.00	999.	999.9
4920.	24.48	99999.	999.99	999.99	122.04	8.26	0.00	999.	999.9
4980.	23.28	99999.	999.99	999.99	121.09	8.62	0.00	999.	999.9
5040.	22.18	99999.	999.99	999.99	114.89	8.58	0.00	999.	999.9
5100.	21.11	99999.	999.99	999.99	115.68	9.08	0.00	999.	999.9
5160.	20.12	99999.	999.99	999.99	100.98	8.31	0.00	999.	999.9
5220.	19.20	99999.	999.99	999.99	95.87	8.27	0.00	999.	999.9
5280.	18.21	99999.	999.99	999.99	93.31	8.49	0.00	999.	999.9
5340.	17.32	99999.	999.99	999.99	88.28	8.45	0.00	999.	999.9
5400.	16.57	99999.	999.99	999.99	83.14	8.31	0.00	999.	999.9
5460.	15.85	99999.	999.99	999.99	81.31	8.50	0.00	999.	999.9
5520.	15.08	99999.	999.99	999.99	74.12	8.14	0.00	999.	999.9
5580.	14.32	99999.	999.99	999.99	73.42	8.50	0.00	999.	999.9
5640.	13.54	99999.	999.99	999.99	65.55	8.02	0.00	999.	999.9
5700.	12.81	99999.	999.99	999.99	62.25	8.05	0.00	999.	999.9
5760.	12.22	99999.	999.99	999.99	59.92	8.13	0.00	999.	999.9
5820.	11.62	99999.	999.99	999.99	57.82	8.24	0.00	999.	999.9
5880.	10.99	99999.	999.99	999.99	54.97	8.29	0.00	999.	999.9
5940.	10.43	99999.	999.99	999.99	53.60	8.51	0.00	999.	999.9
6000.	9.95	99999.	999.99	999.99	51.60	8.59	0.00	999.	999.9
6060.	9.50	99999.	999.99	999.99	49.01	8.55	0.00	999.	999.9
6120.	9.07	99999.	999.99	999.99	47.42	8.66	0.00	999.	999.9
6180.	8.65	99999.	999.99	999.99	44.87	8.60	0.00	999.	999.9
6240.	8.22	99999.	999.99	999.99	42.62	8.59	0.00	999.	999.9
6300.	7.80	99999.	999.99	999.99	40.85	8.68	0.00	999.	999.9
6360.	7.43	99999.	999.99	999.99	40.28	8.98	0.00	999.	999.9
6420.	7.07	99999.	999.99	999.99	38.30	8.98	0.00	999.	999.9
6480.	6.77	99999.	999.99	999.99	35.11	8.59	0.00	999.	999.9

arm00030 10/26/95 1637+41 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	971.12	315.	13.01	56.49	17.14	0.03	0.43	290.	1.4
60.	929.02	685.	13.47	31.54	25.43	0.05	0.64	353.	13.2
120.	889.51	1048.	11.35	29.06	29.06	0.05	0.74	346.	13.7
180.	851.46	1411.	9.60	28.99	31.85	0.06	0.82	316.	12.8
240.	815.05	1772.	8.25	24.65	33.09	0.07	0.85	306.	14.4
300.	776.49	2169.	4.39	31.49	30.58	0.07	0.80	316.	16.4
360.	744.38	2510.	1.33	36.42	29.95	0.07	0.79	324.	20.3
420.	713.31	2852.	-0.32	18.15	30.35	0.07	0.81	321.	25.7
480.	682.19	3206.	-3.06	25.72	29.28	0.07	0.79	314.	25.9
540.	650.99	3574.	-5.78	53.46	27.27	0.07	0.74	300.	24.5
600.	619.80	3957.	-8.37	51.71	26.42	0.07	0.72	355.	22.3
660.	589.48	4343.	-11.04	59.32	25.47	0.07	0.70	268.	39.0
720.	561.00	4721.	-14.25	77.17	24.06	0.07	0.67	280.	33.6
780.	531.72	5125.	-17.78	79.97	23.24	0.07	0.66	276.	32.9
840.	505.01	5508.	-19.59	19.08	21.49	0.07	0.61	279.	30.5
900.	478.59	5905.	-22.55	12.67	21.11	0.07	0.61	277.	27.9
960.	453.13	6303.	-26.34	16.68	21.69	0.08	0.64	274.	28.8
1020.	428.28	6707.	-29.76	20.18	21.24	0.08	0.63	296.	29.8
1080.	404.09	7119.	-32.10	15.24	21.58	0.09	0.65	283.	33.0
1140.	380.97	7533.	-33.53	13.82	24.92	0.11	0.75	292.	35.2
1200.	358.42	7959.	-35.21	13.11	30.05	0.14	0.91	296.	36.0
1260.	337.77	8373.	-34.43	12.22	49.71	0.24	1.51	301.	38.6
1320.	317.99	8795.	-34.27	11.40	56.30	0.29	1.71	305.	41.1
1380.	300.02	9202.	-34.40	10.93	55.87	0.31	1.69	302.	41.6
1440.	282.21	9629.	-34.81	10.77	48.77	0.29	1.48	301.	42.5
1500.	266.01	10042.	-34.30	10.28	45.59	0.28	1.38	297.	41.2
1560.	250.74	10454.	-35.18	10.21	37.47	0.25	1.14	295.	42.6
1620.	237.09	10843.	-36.93	10.14	22.69	0.16	0.70	288.	43.2
1680.	224.51	11217.	-39.98	10.17	18.57	0.14	0.58	281.	45.0
1740.	212.94	11576.	-43.27	10.53	16.85	0.13	0.53	279.	46.6
1800.	200.93	11964.	-46.24	10.87	14.42	0.12	0.46	277.	50.1
1860.	190.08	12330.	-49.01	11.07	13.06	0.11	0.42	278.	50.1
1920.	180.62	12664.	-50.84	11.32	12.56	0.12	0.41	282.	45.6
1980.	171.91	12985.	-51.23	11.29	13.78	0.13	0.45	287.	41.4
2040.	162.35	13355.	-52.82	11.25	13.82	0.14	0.45	288.	33.4
2100.	151.49	13801.	-54.75	11.68	12.98	0.14	0.43	273.	26.3
2160.	140.93	14259.	-58.37	12.14	12.88	0.15	0.43	257.	28.3
2220.	132.20	14658.	-61.18	12.35	12.89	0.16	0.44	254.	29.2
2280.	123.47	15080.	-63.24	12.73	13.55	0.18	0.47	264.	26.0
2340.	115.29	15499.	-66.21	13.08	13.73	0.20	0.48	265.	23.5
2400.	108.05	15889.	-69.51	13.34	13.28	0.20	0.47	262.	25.0
2460.	102.07	16230.	-65.06	13.16	20.78	0.34	0.72	258.	23.1
2520.	96.03	16601.	-66.92	12.91	25.64	0.44	0.90	252.	20.1
2580.	90.29	16973.	-67.65	13.11	26.44	0.49	0.93	248.	19.4
2640.	84.71	17355.	-68.09	13.26	28.52	0.56	1.01	254.	16.1
2700.	78.81	17791.	-67.00	12.90	49.81	1.05	1.75	228.	11.0
2760.	73.88	18181.	-66.73	12.92	74.72	1.68	2.62	229.	13.1
2820.	69.48	18552.	-66.58	12.80	63.71	1.52	2.23	221.	14.6
2880.	65.39	18920.	-66.04	12.57	73.18	1.85	2.56	233.	13.2
2940.	61.52	19294.	-61.05	12.25	95.95	2.58	3.28	252.	13.8
3000.	57.61	19702.	-61.35	11.78	91.67	2.64	3.13	251.	13.6
3060.	54.14	20088.	-60.07	11.54	96.98	2.97	3.30	242.	8.8
3120.	50.86	20479.	-58.98	10.77	98.60	3.21	3.33	219.	10.1
3180.	47.82	20867.	-58.26	11.31	98.75	3.42	3.33	224.	9.8
3240.	44.64	21300.	-57.54	11.30	98.94	3.67	3.32	248.	12.4
3300.	41.62	21742.	-57.08	11.06	99.68	3.97	3.34	242.	12.3
3360.	38.72	22198.	-57.42	11.19	104.32	4.46	3.50	245.	9.9
3420.	36.42	22586.	-56.77	10.20	110.25	5.02	3.69	241.	11.3
3480.	34.26	22976.	-54.99	11.14	115.27	5.58	3.83	253.	13.3
3540.	32.34	23345.	-52.86	10.59	118.79	6.09	3.91	250.	11.8
3600.	30.54	23716.	-52.02	10.47	121.62	6.60	3.98	248.	11.1

3660.	28.77	24103.	-50.97	10.48	120.53	6.94	3.93	242.	11.5
3720.	26.96	24523.	-52.56	10.31	120.49	7.41	3.96	243.	15.6
3780.	25.18	24965.	-52.18	10.60	119.98	7.90	3.93	261.	17.4

arm00031 10/27/95 1454+52 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	983.52	315.	13.95	10.89	30.82	0.05	0.78	0.	0.0
60.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	9.	4.2
120.	915.39	911.	7.37	18.48	33.37	0.06	0.86	351.	7.0
180.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	345.	7.8
240.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
300.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
360.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
420.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
480.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
540.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
600.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
660.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
720.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
780.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
840.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
900.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
960.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
1020.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
1080.	461.13	9999.99	-17.25	29.43	16.48	0.06	0.47	999.	999.9
1140.	439.05	9999.99	-19.84	29.28	16.31	0.06	0.47	999.	999.9
1200.	417.29	9999.99	-22.44	21.95	19.40	0.08	0.56	999.	999.9
1260.	396.98	9999.99	-25.53	19.82	13.96	0.06	0.41	999.	999.9
1320.	376.76	9999.99	-27.51	15.52	16.44	0.07	0.48	999.	999.9
1380.	357.14	9999.99	-30.89	16.00	13.61	0.06	0.41	999.	999.9
1440.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
1500.	320.22	9999.99	-37.14	17.72	10.40	0.05	0.32	999.	999.9
1560.	302.40	9999.99	-40.97	20.16	8.73	0.05	0.27	999.	999.9
1620.	284.96	9999.99	-44.44	22.69	8.38	0.05	0.27	999.	999.9
1680.	268.65	9999.99	-47.30	23.00	8.94	0.06	0.29	999.	999.9
1740.	253.62	9999.99	-48.10	23.62	14.97	0.10	0.48	999.	999.9
1800.	240.78	9999.99	-49.86	24.44	14.02	0.10	0.45	999.	999.9
1860.	230.58	9999.99	-52.10	24.62	11.22	0.08	0.37	999.	999.9
1920.	219.33	9999.99	-53.75	24.63	8.66	0.07	0.29	999.	999.9
1980.	207.71	9999.99	-55.55	24.78	12.43	0.10	0.41	999.	999.9
2040.	197.83	9999.99	-55.21	24.06	16.81	0.14	0.56	999.	999.9
2100.	187.41	9999.99	-55.13	23.05	14.87	0.13	0.49	999.	999.9
2160.	178.91	9999.99	-57.39	23.14	9.58	0.09	0.32	999.	999.9
2220.	171.96	9999.99	-57.68	23.21	9.70	0.09	0.33	999.	999.9
2280.	165.13	9999.99	-57.49	22.53	12.25	0.12	0.41	999.	999.9
2340.	158.27	9999.99	-58.15	22.31	12.56	0.13	0.42	999.	999.9
2400.	151.81	9999.99	-59.29	22.08	14.07	0.15	0.48	999.	999.9
2460.	144.28	9999.99	-61.17	22.18	13.72	0.16	0.47	999.	999.9
2520.	138.22	9999.99	-62.71	22.26	12.75	0.15	0.44	999.	999.9
2580.	132.69	9999.99	-64.11	22.53	11.90	0.15	0.41	999.	999.9
2640.	127.08	9999.99	-65.10	22.50	13.67	0.18	0.48	999.	999.9
2700.	121.70	9999.99	-65.96	22.65	14.15	0.19	0.49	999.	999.9
2760.	116.50	9999.99	-65.37	22.55	15.24	0.22	0.53	999.	999.9
2820.	111.14	9999.99	-66.95	22.66	15.74	0.23	0.55	999.	999.9
2880.	106.38	9999.99	-67.56	22.67	16.28	0.25	0.57	999.	999.9
2940.	101.78	9999.99	-67.64	22.66	18.28	0.30	0.64	999.	999.9
3000.	97.02	9999.99	-68.57	22.86	20.60	0.35	0.73	999.	999.9
3060.	92.62	9999.99	-70.01	22.95	21.80	0.39	0.78	999.	999.9
3120.	88.64	9999.99	-70.38	23.07	25.31	0.47	0.90	999.	999.9
3180.	84.33	9999.99	-70.00	22.98	29.17	0.57	1.04	999.	999.9
3240.	80.47	9999.99	-72.19	23.17	28.64	0.59	1.03	999.	999.9
3300.	77.17	9999.99	-72.41	23.42	31.20	0.67	1.13	999.	999.9
3360.	73.83	9999.99	-68.55	23.09	41.05	0.92	1.45	999.	999.9
3420.	70.41	9999.99	-65.05	22.40	57.05	1.34	1.99	999.	999.9
3480.	9999.99	9999.99	999.99	999.99	999.99	999.99	999.99	999.	999.9
3540.	64.71	9999.99	-64.38	21.86	69.37	1.78	2.41	999.	999.9
3600.	62.04	9999.99	-59.64	21.30	93.23	2.49	3.16	999.	999.9

3660.	59.40	99999.	-59.18	20.62	99.85	2.79	3.38	999. 999.9
3720.	9999.99	99999.	999.99	999.99	999.99	999.99	999.99	999. 999.9

arm00032 10/28/95 1617+34 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	978.15	315.	27.16	19.42	61.46	0.10	1.48	170.	11.5
60.	942.16	638.	19.46	21.80	48.68	0.09	1.20	178.	16.1
120.	903.08	998.	15.79	30.49	47.45	0.09	1.19	197.	14.3
180.	861.23	1397.	11.95	42.90	45.15	0.09	1.15	212.	16.2
240.	821.82	1786.	10.37	97.21	41.17	0.08	1.05	155.	54.2
300.	780.26	2218.	10.55	77.80	34.88	0.07	0.89	157.	54.3
360.	743.44	2619.	9.43	46.88	38.81	0.09	0.99	167.	36.0
420.	710.94	2987.	6.87	39.82	39.19	0.09	1.01	197.	18.1
480.	682.97	3316.	6.45	38.89	28.35	0.07	0.73	208.	14.0
540.	656.13	3643.	3.47	42.75	25.64	0.06	0.67	225.	12.4
600.	630.35	3965.	0.44	53.24	24.29	0.06	0.64	253.	14.1
660.	603.98	4306.	-2.36	63.72	22.68	0.06	0.61	261.	15.4
720.	576.08	4679.	-4.14	54.03	22.02	0.06	0.59	252.	11.8
780.	549.84	5044.	-7.53	61.71	20.91	0.06	0.57	209.	9.9
840.	525.73	5391.	-9.73	59.74	20.10	0.06	0.55	161.	21.3
900.	502.04	5745.	-12.18	57.72	19.82	0.07	0.55	240.	13.9
960.	479.79	6090.	-14.90	51.78	18.46	0.06	0.52	254.	15.4
1020.	457.83	6442.	-17.00	63.94	17.45	0.06	0.49	255.	15.8
1080.	437.24	6786.	-19.63	60.38	13.25	0.05	0.38	256.	17.9
1140.	416.81	7139.	-22.28	53.40	12.78	0.05	0.37	235.	16.3
1200.	396.10	7511.	-25.41	52.69	12.29	0.05	0.36	243.	16.9
1260.	375.80	7891.	-27.76	28.96	12.18	0.05	0.36	219.	14.8
1320.	356.14	8274.	-31.18	35.38	11.74	0.05	0.35	223.	15.3
1380.	336.51	8673.	-34.55	42.70	11.97	0.06	0.36	180.	23.1
1440.	318.24	9061.	-36.79	29.08	13.63	0.07	0.42	185.	24.0
1500.	299.00	9489.	-39.86	30.30	11.79	0.07	0.37	220.	19.9
1560.	281.25	9904.	-43.60	34.89	10.11	0.06	0.32	259.	25.3
1620.	265.31	10294.	-46.64	34.93	9.31	0.06	0.30	210.	22.4
1680.	251.19	10653.	-49.69	35.58	8.67	0.06	0.28	220.	22.0
1740.	237.56	11016.	-52.88	36.33	7.75	0.05	0.25	268.	31.3
1800.	224.25	11385.	-56.22	36.25	7.77	0.06	0.26	288.	53.0
1860.	210.82	11774.	-59.64	35.89	6.97	0.05	0.24	270.	38.9
1920.	197.98	12165.	-60.29	35.88	9.08	0.08	0.31	217.	30.6
1980.	185.97	12557.	-59.13	35.02	22.02	0.20	0.75	223.	34.2
2040.	175.76	12909.	-60.64	34.40	11.98	0.11	0.41	254.	42.4
2100.	167.15	13220.	-62.50	34.06	11.62	0.12	0.40	249.	43.6
2160.	158.53	13546.	-64.16	33.98	10.37	0.11	0.36	253.	44.0
2220.	150.61	13859.	-64.87	33.83	9.84	0.11	0.34	251.	40.7
2280.	141.74	14229.	-65.96	33.65	13.32	0.16	0.47	257.	38.3
2340.	133.64	14585.	-66.88	33.62	15.43	0.19	0.54	258.	35.7
2400.	125.96	14941.	-68.15	33.45	16.18	0.21	0.57	265.	35.3
2460.	119.09	15278.	-67.35	33.51	17.83	0.25	0.63	252.	28.1
2520.	112.99	15595.	-67.27	33.44	17.07	0.25	0.60	263.	28.9
2580.	106.33	15961.	-68.84	33.39	16.04	0.25	0.57	253.	22.0
2640.	100.57	16294.	-68.15	33.35	19.28	0.32	0.68	282.	35.8
2700.	94.99	16638.	-67.07	33.23	28.15	0.49	0.99	250.	17.3
2760.	89.64	16989.	-65.91	33.06	33.16	0.61	1.16	268.	20.0
2820.	84.64	17336.	-67.16	33.05	37.33	0.73	1.31	277.	21.7
2880.	79.62	17704.	-68.58	33.02	42.94	0.89	1.52	286.	28.7
2940.	75.20	18046.	-68.22	32.44	44.42	0.98	1.57	262.	16.6
3000.	70.93	18398.	-66.16	31.33	51.76	1.21	1.81	263.	15.3
3060.	66.86	18758.	-62.76	31.27	68.11	1.69	2.34	272.	14.9
3120.	62.71	19153.	-63.69	29.23	73.10	1.93	2.53	270.	13.0
3180.	59.19	19506.	-63.55	28.99	77.65	2.17	2.68	279.	15.1
3240.	55.97	19850.	-63.15	26.54	82.43	2.44	2.84	277.	12.5
3300.	52.84	20205.	-63.01	24.96	87.61	2.75	3.02	258.	9.7
3360.	50.00	20546.	-60.74	24.77	102.77	3.41	3.50	259.	13.1
3420.	47.49	20870.	-56.54	22.22	115.75	4.04	3.87	268.	14.9
3480.	44.99	21214.	-54.78	18.49	122.86	4.52	4.07	267.	15.4
3540.	42.57	21570.	-51.38	14.64	124.74	4.86	4.07	228.	11.1
3600.	40.49	21895.	-50.81	10.78	134.01	5.48	4.37	231.	9.0

3660.	38.46	22229.	-52.28	7.53	133.11	5.74	4.37	248.	11.9
3720.	36.34	22595.	-53.05	6.22	130.75	5.96	4.30	223.	14.0
3780.	34.36	22954.	-53.43	5.02	132.33	6.38	4.36	247.	15.1
3840.	32.68	23277.	-52.18	4.77	130.26	6.60	4.27	257.	16.1
3900.	31.25	23567.	-50.96	4.20	133.02	7.05	4.34	260.	18.9
3960.	29.77	23883.	-49.68	3.84	137.92	7.68	4.47	243.	13.7
4020.	28.07	24266.	-51.38	3.15	135.61	8.00	4.43	251.	13.1
4080.	26.48	24646.	-51.76	2.99	135.04	8.45	4.42	253.	14.3
4140.	25.12	24987.	-51.09	2.84	135.00	8.90	4.40	267.	15.7
4200.	23.88	25317.	-50.37	2.51	134.79	9.35	4.38	272.	15.9
4260.	22.57	25687.	-50.22	2.49	132.49	9.73	4.30	254.	12.4
4320.	21.30	26064.	-49.62	2.32	131.68	10.24	4.27	230.	12.1
4380.	20.14	26432.	-50.35	2.38	126.21	10.39	4.10	237.	13.8
4440.	19.19	26746.	-50.07	2.20	121.87	10.52	3.96	268.	21.6
4500.	18.38	27027.	-48.89	1.87	119.55	10.77	3.86	260.	21.1
4560.	17.50	27353.	-47.79	2.07	115.16	10.91	3.70	277.	26.5
4620.	16.51	27736.	-48.42	1.89	110.93	11.13	3.58	269.	22.5
4680.	15.54	28133.	-49.61	1.96	104.54	11.14	3.39	273.	26.1
4740.	14.74	28479.	-48.83	1.90	102.43	11.51	3.31	259.	20.8
4800.	14.10	28770.	-47.62	1.80	99.71	11.71	3.20	251.	18.8
4860.	13.49	29065.	-46.11	1.79	96.70	11.88	3.08	258.	19.3
4920.	12.83	29395.	-47.14	1.67	93.31	12.05	2.99	270.	22.9
4980.	12.13	29765.	-48.54	1.81	89.73	12.25	2.89	278.	28.7
5040.	11.42	30160.	-50.36	1.64	85.97	12.47	2.79	281.	35.0
5100.	10.75	30554.	-53.16	1.81	73.83	11.38	2.43	255.	23.1
5160.	10.21	30885.	-53.74	1.78	65.09	10.56	2.15	999.	999.9

arm00033 10/29/95 2158+33 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	981.09	315.	16.64	71.06	28.26	0.05	0.71	190.	6.5
60.	941.08	666.	13.14	89.11	30.74	0.05	0.78	200.	14.0
120.	900.64	1035.	14.10	100.00	35.42	0.07	0.89	194.	12.9
180.	860.71	1415.	12.37	99.90	35.44	0.07	0.90	200.	11.2
240.	824.71	1771.	10.15	100.00	33.91	0.07	0.87	195.	11.8
300.	790.17	2125.	9.02	100.00	32.47	0.07	0.83	205.	12.4
360.	754.61	2504.	6.44	98.43	30.26	0.07	0.78	192.	13.4
420.	724.39	2838.	6.08	54.27	30.34	0.07	0.79	195.	11.8
480.	692.85	3200.	3.14	47.54	30.63	0.07	0.80	194.	10.7
540.	661.97	3567.	1.71	14.41	33.70	0.08	0.89	192.	11.9
600.	632.51	3932.	-0.96	18.39	31.42	0.08	0.84	203.	11.4
660.	603.01	4311.	-3.15	16.90	27.77	0.08	0.74	218.	11.5
720.	575.23	4682.	-5.66	17.22	29.17	0.08	0.79	211.	10.9
780.	547.99	5060.	-8.53	16.70	28.15	0.09	0.77	207.	10.3
840.	519.52	5470.	-11.88	8.40	23.26	0.07	0.64	224.	8.0
900.	493.38	5863.	-14.71	2.02	24.92	0.08	0.70	271.	9.9
960.	468.38	6254.	-17.96	7.36	22.83	0.08	0.65	262.	7.7
1020.	445.76	6622.	-20.78	47.05	18.57	0.07	0.53	248.	8.5
1080.	423.94	6991.	-23.35	53.80	17.30	0.07	0.50	213.	9.0
1140.	402.46	7369.	-26.36	31.20	17.65	0.07	0.52	231.	10.0
1200.	381.86	7746.	-28.45	34.24	16.59	0.07	0.49	226.	9.1
1260.	361.08	8145.	-31.42	37.18	15.43	0.07	0.46	224.	8.8
1320.	341.18	8543.	-35.10	47.82	13.37	0.06	0.41	229.	9.0
1380.	323.22	8918.	-38.18	58.80	13.13	0.07	0.40	224.	8.3
1440.	307.11	9268.	-40.21	46.61	12.66	0.07	0.39	248.	8.8
1500.	290.94	9635.	-42.79	38.78	12.98	0.07	0.41	214.	6.2
1560.	276.94	9965.	-45.68	37.16	13.20	0.08	0.42	236.	7.6
1620.	261.84	10336.	-48.88	37.64	15.53	0.10	0.50	254.	8.6
1680.	247.16	10712.	-51.78	37.08	14.01	0.09	0.46	261.	12.5
1740.	235.09	11035.	-54.38	36.83	13.80	0.10	0.46	232.	10.4
1800.	223.06	11369.	-56.90	36.48	19.20	0.14	0.64	236.	13.2
1860.	211.67	11701.	-57.35	35.96	21.39	0.17	0.72	240.	17.6
1920.	199.86	12063.	-58.04	35.12	17.02	0.14	0.57	214.	18.8
1980.	190.06	12380.	-57.70	33.13	14.92	0.13	0.50	206.	24.2
2040.	179.97	12723.	-59.37	28.23	14.70	0.14	0.50	210.	25.5
2100.	171.04	13041.	-59.98	25.74	15.06	0.15	0.51	221.	27.7
2160.	161.52	13396.	-61.34	23.32	17.06	0.18	0.58	226.	27.0
2220.	153.39	13717.	-61.53	21.58	17.88	0.19	0.61	239.	30.2
2280.	145.83	14030.	-62.01	19.37	19.68	0.22	0.68	224.	25.4
2340.	138.51	14348.	-62.80	16.92	20.87	0.25	0.72	227.	25.6
2400.	130.58	14710.	-63.76	16.81	25.63	0.33	0.89	212.	25.5
2460.	123.13	15068.	-66.05	16.66	23.04	0.31	0.81	218.	23.6
2520.	116.35	15411.	-66.88	13.71	21.72	0.31	0.76	221.	23.3
2580.	109.69	15766.	-67.13	13.84	23.27	0.35	0.82	228.	20.0
2640.	103.93	16092.	-66.51	13.91	25.27	0.40	0.89	241.	19.9
2700.	98.25	16432.	-67.39	13.32	23.58	0.40	0.83	247.	18.3
2760.	92.89	16770.	-67.57	12.97	25.39	0.45	0.89	255.	19.7
2820.	87.44	17136.	-65.64	12.82	39.42	0.75	1.38	248.	13.3
2880.	82.30	17503.	-66.63	11.09	43.06	0.87	1.51	242.	11.9
2940.	77.55	17863.	-65.80	10.59	48.68	1.04	1.70	228.	10.3
3000.	73.49	18191.	-63.21	10.08	51.38	1.16	1.77	261.	11.8
3060.	69.24	18557.	-62.86	8.23	63.78	1.53	2.20	253.	6.1
3120.	65.60	18890.	-63.32	7.44	71.39	1.80	2.46	220.	5.2
3180.	62.13	19225.	-62.02	6.12	74.31	1.98	2.55	190.	2.9
3240.	58.96	19550.	-61.50	5.72	73.81	2.07	2.53	232.	5.5
3300.	55.93	19878.	-59.30	4.88	87.23	2.58	2.95	263.	3.6
3360.	53.06	20207.	-60.57	3.62	91.12	2.85	3.10	273.	3.7
3420.	50.23	20549.	-58.14	3.56	101.73	3.36	3.43	222.	4.0
3480.	47.61	20887.	-58.33	3.09	111.16	3.87	3.75	233.	7.2
3540.	45.05	21234.	-57.45	2.61	114.55	4.21	3.85	247.	9.0
3600.	42.69	21577.	-54.74	2.32	122.60	4.76	4.07	257.	11.2

3660.	40.42	21926.	-53.65	1.96	128.37	5.26	4.24	242.	9.4
3720.	38.18	22294.	-52.79	1.71	131.43	5.70	4.32	224.	8.3
3780.	36.06	22662.	-52.50	1.42	134.56	6.18	4.42	249.	7.2
3840.	34.05	23034.	-52.62	1.44	135.13	6.58	4.44	277.	12.2
3900.	32.15	23403.	-52.10	1.34	136.41	7.03	4.47	255.	7.5
3960.	30.33	23781.	-51.93	1.24	138.03	7.54	4.52	237.	7.7
4020.	28.65	24150.	-51.67	1.21	135.02	7.81	4.42	245.	10.6
4080.	26.99	24539.	-50.60	1.11	136.16	8.36	4.43	250.	12.7
4140.	25.37	24941.	-49.53	1.11	134.59	8.79	4.36	256.	11.9
4200.	23.77	25367.	-50.73	1.04	129.67	9.04	4.22	248.	12.3
4260.	22.28	25787.	-51.46	1.03	118.42	8.81	3.87	243.	11.4
4320.	20.89	26208.	-51.08	1.00	116.60	9.25	3.80	257.	14.6
4380.	19.67	26599.	-50.36	0.99	112.88	9.51	3.67	265.	17.4
4440.	18.48	27002.	-50.93	1.02	107.76	9.66	3.51	249.	12.4
4500.	17.35	27412.	-50.48	0.93	97.10	9.27	3.16	273.	20.7
4560.	16.34	27807.	-47.81	0.95	104.74	10.62	3.37	252.	13.0
4620.	15.40	28198.	-47.74	0.80	99.06	10.66	3.18	261.	16.1
4680.	14.49	28598.	-49.00	0.97	86.23	9.86	2.79	262.	15.1
4740.	13.64	28993.	-48.90	0.98	79.19	9.62	2.56	273.	18.8
4800.	12.87	29376.	-48.59	0.96	75.46	9.71	2.43	279.	17.7
4860.	12.11	29778.	-48.15	0.97	71.00	9.72	2.29	269.	13.2
4920.	11.37	30191.	-48.14	0.94	66.18	9.64	2.13	270.	13.3
4980.	10.65	30620.	-48.34	0.92	60.30	9.38	1.94	266.	13.4
5040.	9.99	31047.	-47.60	0.92	57.17	9.48	1.84	999.	999.9
5100.	9.40	31452.	-45.47	0.94	53.49	9.43	1.70	999.	999.9

arm00034 10/30/95 1536+11 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	979.77	315.	13.95	99.69	12.34	0.02	0.31	170.	2.8
60.	941.81	646.	12.02	99.51	18.00	0.03	0.46	238.	8.5
120.	903.40	993.	11.86	99.42	25.28	0.05	0.64	198.	11.1
180.	868.38	1324.	12.23	99.56	31.46	0.06	0.80	179.	17.2
240.	835.47	1645.	10.40	92.41	33.03	0.07	0.84	182.	16.4
300.	810.69	1895.	8.70	96.96	33.13	0.07	0.85	184.	16.7
360.	784.04	2170.	7.13	99.44	31.75	0.07	0.82	183.	16.6
420.	756.77	2459.	5.34	99.66	31.00	0.07	0.81	189.	15.1
480.	726.80	2788.	3.56	99.79	29.81	0.07	0.78	187.	15.0
540.	698.49	3107.	3.72	2.41	33.72	0.08	0.88	193.	12.2
600.	673.87	3399.	3.46	1.46	29.24	0.07	0.77	190.	11.5
660.	650.22	3687.	1.21	4.25	31.32	0.08	0.83	193.	11.5
720.	625.10	4002.	-1.18	9.10	28.16	0.07	0.75	199.	11.7
780.	600.05	4326.	-3.67	5.37	25.95	0.07	0.70	194.	11.9
840.	575.12	4660.	-5.46	3.81	22.50	0.06	0.61	192.	10.4
900.	550.57	5000.	-8.12	3.53	21.67	0.07	0.59	188.	12.8
960.	527.49	5330.	-10.05	6.06	21.86	0.07	0.60	203.	12.2
1020.	506.82	5636.	-13.24	6.27	20.36	0.07	0.57	198.	14.5
1080.	486.84	5941.	-16.15	15.92	19.36	0.07	0.55	185.	17.1
1140.	466.52	6260.	-19.03	32.10	18.48	0.07	0.53	200.	15.7
1200.	442.95	6643.	-22.03	55.70	17.37	0.06	0.50	196.	15.9
1260.	422.85	6983.	-24.21	59.09	15.68	0.06	0.46	204.	16.1
1320.	404.09	7313.	-25.45	41.22	16.49	0.07	0.48	208.	15.5
1380.	386.91	7627.	-27.57	42.25	16.59	0.07	0.49	214.	15.1
1440.	369.22	7961.	-30.10	34.52	16.59	0.07	0.49	213.	14.2
1500.	351.80	8303.	-32.96	23.38	14.01	0.07	0.42	219.	14.1
1560.	335.59	8633.	-35.98	26.67	13.60	0.07	0.42	212.	13.9
1620.	319.94	8962.	-38.62	12.84	12.51	0.06	0.39	223.	13.4
1680.	302.78	9338.	-42.01	9.64	11.28	0.06	0.35	227.	13.5
1740.	287.91	9676.	-45.14	9.35	11.53	0.07	0.37	233.	14.1
1800.	272.77	10035.	-48.29	7.94	11.16	0.07	0.36	233.	15.7
1860.	258.26	10393.	-50.35	5.24	12.27	0.08	0.40	210.	17.2
1920.	244.88	10738.	-52.49	3.18	13.27	0.09	0.44	207.	18.4
1980.	232.09	11083.	-55.04	2.34	13.89	0.10	0.46	223.	17.4
2040.	220.19	11417.	-57.46	2.36	14.73	0.11	0.49	240.	18.5
2100.	209.62	11726.	-58.28	2.53	16.98	0.13	0.57	239.	21.2
2160.	198.97	12055.	-57.45	2.00	20.82	0.17	0.70	227.	24.4
2220.	186.43	12464.	-59.38	1.62	16.85	0.15	0.57	213.	30.1
2280.	176.44	12809.	-59.27	1.36	18.59	0.17	0.63	210.	31.4
2340.	167.67	13129.	-58.84	1.12	20.60	0.20	0.70	222.	29.4
2400.	158.75	13470.	-60.09	0.97	19.95	0.21	0.68	217.	31.1
2460.	150.48	13802.	-62.13	0.87	19.26	0.21	0.66	222.	31.6
2520.	141.68	14176.	-59.88	0.82	19.71	0.23	0.67	218.	32.4
2580.	133.85	14530.	-60.99	0.76	16.02	0.20	0.55	217.	29.9
2640.	126.81	14864.	-62.08	0.68	15.55	0.20	0.53	228.	25.3
2700.	120.04	15203.	-63.32	0.64	15.43	0.21	0.53	235.	22.5
2760.	114.14	15512.	-63.10	0.61	25.49	0.37	0.88	241.	19.3
2820.	108.37	15832.	-62.82	0.55	31.56	0.48	1.09	237.	19.7
2880.	102.90	16150.	-63.50	0.57	29.06	0.47	1.00	226.	20.9
2940.	97.42	16485.	-64.36	0.55	29.18	0.50	1.01	221.	20.6
3000.	90.74	16917.	-66.40	0.51	24.52	0.45	0.86	216.	22.1
3060.	85.44	17280.	-67.96	0.51	26.33	0.51	0.93	218.	20.8
3120.	80.73	17620.	-68.20	0.48	31.61	0.65	1.12	218.	19.7
3180.	76.27	17962.	-66.94	0.50	37.33	0.81	1.31	222.	17.3
3240.	72.28	18287.	-65.18	0.45	57.73	1.32	2.01	223.	15.4
3300.	68.32	18633.	-63.46	0.40	68.62	1.66	2.37	249.	16.1
3360.	64.59	18979.	-61.23	0.42	74.54	1.91	2.55	265.	15.7
3420.	60.74	19362.	-59.20	0.42	82.71	2.26	2.80	248.	8.9
3480.	57.27	19729.	-59.92	0.34	83.12	2.40	2.82	190.	6.5
3540.	53.85	20115.	-58.47	0.32	93.04	2.86	3.14	199.	9.4
3600.	50.57	20510.	-58.13	0.28	103.23	3.38	3.48	210.	12.0

arm00035 10/31/95 1621+41 UT

Time Secs	Press hPa	Alt Geop m	Temp Deg C	RH %	Ozone micmb	OzMixR micgg	OzConcen 10 ¹² /cm ³	W-Dir deg	W-Spd mps
0.	970.17	315.	18.30	83.81	26.76	0.05	0.66	170.	6.0
60.	933.91	636.	13.58	99.22	28.98	0.05	0.73	157.	15.3
120.	895.45	988.	16.66	60.42	34.18	0.06	0.85	175.	14.9
180.	858.26	1349.	17.46	38.30	39.22	0.08	0.98	201.	12.7
240.	824.72	1687.	15.32	33.18	37.50	0.08	0.94	199.	12.2
300.	790.93	2039.	12.54	36.24	36.11	0.08	0.92	237.	12.1
360.	758.60	2386.	9.32	47.52	34.27	0.07	0.88	202.	13.8
420.	728.75	2716.	6.23	56.75	33.17	0.08	0.86	193.	13.9
480.	699.65	3048.	3.53	57.40	33.19	0.08	0.87	198.	13.0
540.	666.68	3436.	0.46	63.64	32.21	0.08	0.85	204.	13.0
600.	635.89	3813.	-2.28	61.30	29.91	0.08	0.80	236.	13.2
660.	610.03	4141.	-4.99	68.77	28.12	0.08	0.76	220.	11.3
720.	584.39	4477.	-5.80	33.69	27.55	0.08	0.75	240.	10.1
780.	558.17	4835.	-8.99	41.17	26.07	0.08	0.71	224.	9.9
840.	532.62	5196.	-10.89	33.07	25.21	0.08	0.70	229.	10.4
900.	507.38	5567.	-12.49	2.16	24.37	0.08	0.68	231.	12.4
960.	483.56	5932.	-15.21	4.40	23.06	0.08	0.65	208.	12.9
1020.	462.08	6273.	-18.10	3.98	21.52	0.08	0.61	206.	14.1
1080.	438.08	6669.	-20.90	4.12	22.03	0.08	0.63	230.	12.9
1140.	417.23	7028.	-23.62	4.33	20.86	0.08	0.61	232.	14.4
1200.	397.32	7383.	-25.80	4.40	19.57	0.08	0.57	260.	19.5
1260.	378.05	7741.	-28.59	3.66	19.69	0.09	0.58	260.	18.6
1320.	359.28	8104.	-31.37	2.99	18.51	0.09	0.55	233.	14.4
1380.	340.88	8473.	-34.61	3.43	18.06	0.09	0.55	234.	14.1
1440.	321.85	8871.	-38.20	3.90	17.07	0.09	0.53	212.	15.5
1500.	304.65	9247.	-40.91	3.62	17.14	0.09	0.53	211.	18.7
1560.	287.49	9639.	-43.12	3.29	19.34	0.11	0.61	244.	22.8
1620.	271.79	10015.	-45.70	3.13	18.06	0.11	0.58	232.	20.5
1680.	256.22	10406.	-48.00	3.07	18.11	0.12	0.58	246.	22.5
1740.	242.85	10758.	-48.62	3.06	19.40	0.13	0.63	225.	23.9
1800.	229.06	11140.	-50.94	3.04	20.05	0.15	0.65	209.	28.0
1860.	217.43	11479.	-52.32	3.03	23.71	0.18	0.78	210.	27.9
1920.	206.63	11807.	-54.03	3.01	18.46	0.15	0.61	230.	29.4
1980.	196.64	12124.	-55.35	3.07	17.93	0.15	0.60	246.	34.1
2040.	186.64	12455.	-57.07	3.14	17.47	0.16	0.59	215.	32.6
2100.	177.39	12776.	-57.56	3.11	17.45	0.16	0.59	208.	33.7
2160.	169.43	13065.	-59.00	3.18	16.48	0.16	0.56	212.	32.8
2220.	161.49	13365.	-60.91	3.19	14.82	0.15	0.51	211.	32.0
2280.	153.66	13673.	-62.29	3.18	14.40	0.16	0.49	211.	31.0
2340.	146.15	13981.	-63.33	3.26	19.27	0.22	0.67	211.	32.4
2400.	138.84	14295.	-64.53	3.27	23.76	0.28	0.82	212.	31.6
2460.	132.01	14603.	-64.93	3.29	25.12	0.32	0.87	207.	31.3
2520.	125.57	14908.	-64.37	3.25	24.77	0.33	0.86	229.	30.0
2580.	119.51	15212.	-63.09	3.25	30.34	0.42	1.05	205.	29.5
2640.	113.48	15529.	-64.38	3.23	33.84	0.49	1.17	231.	28.7
2700.	107.92	15836.	-64.30	3.17	33.36	0.51	1.16	209.	28.2
2760.	102.67	16142.	-62.51	3.21	35.26	0.57	1.21	205.	29.6
2820.	97.67	16452.	-60.70	3.09	48.76	0.83	1.66	213.	27.5
2880.	92.46	16792.	-61.18	3.06	54.81	0.98	1.87	220.	23.6
2940.	87.38	17142.	-61.38	2.96	52.71	1.00	1.80	232.	19.6
3000.	83.38	17433.	-60.28	2.96	50.07	0.99	1.70	242.	19.0
3060.	79.72	17714.	-60.14	2.90	52.22	1.09	1.78	227.	17.2
3120.	75.43	18058.	-60.95	2.89	54.96	1.21	1.88	213.	16.3
3180.	71.34	18403.	-62.53	2.85	54.08	1.26	1.86	198.	19.4
3240.	67.61	18734.	-62.38	2.88	63.06	1.55	2.17	210.	19.2
3300.	64.05	19070.	-59.64	2.80	77.17	2.00	2.62	208.	18.1
3360.	60.88	19389.	-56.62	2.71	101.55	2.76	3.40	228.	12.4
3420.	57.80	19718.	-57.31	2.53	108.43	3.11	3.64	253.	9.9
3480.	54.96	20036.	-58.33	2.56	109.82	3.31	3.70	253.	9.2
3540.	51.72	20416.	-60.59	2.53	107.59	3.45	3.67	219.	10.1
3600.	48.98	20753.	-62.29	2.59	102.82	3.48	3.53	211.	13.4

3660.	46.72	21046.	-59.96	2.39	102.69	3.64	3.49	213.	16.6
3720.	44.43	21362.	-56.66	2.43	105.85	3.95	3.54	192.	15.7
3780.	42.01	21718.	-55.24	2.35	111.31	4.39	3.70	213.	12.8
3840.	39.91	22045.	-54.18	2.18	119.17	4.95	3.94	215.	10.5
3900.	37.98	22364.	-51.40	2.04	122.55	5.35	4.00	208.	10.6
3960.	36.13	22688.	-52.63	1.87	123.57	5.67	4.06	229.	10.3
4020.	34.35	23014.	-53.32	1.75	125.87	6.07	4.15	232.	11.5
4080.	32.44	23382.	-52.88	1.70	127.89	6.53	4.20	226.	13.3
4140.	30.45	23790.	-52.33	1.60	131.87	7.18	4.33	193.	28.8
4200.	28.73	24166.	-51.97	1.58	132.32	7.63	4.33	242.	13.6
4260.	27.29	24500.	-51.51	1.55	133.37	8.10	4.36	214.	11.6
4320.	25.88	24844.	-50.46	1.44	135.83	8.70	4.42	197.	13.8
4380.	24.53	25193.	-52.19	1.40	131.95	8.91	4.33	205.	13.4
4440.	23.13	25571.	-52.75	1.35	129.80	9.30	4.27	210.	15.6
4500.	21.76	25964.	-53.84	1.34	122.19	9.30	4.04	254.	18.0
4560.	20.55	26332.	-53.92	1.29	121.79	9.82	4.02	235.	15.9
4620.	19.49	26674.	-52.78	1.27	115.64	9.83	3.80	171.	25.9
4680.	18.51	27006.	-51.43	1.24	104.90	9.39	3.43	179.	22.7
4740.	17.57	27346.	-50.12	1.21	101.09	9.53	3.28	173.	28.5
4800.	16.58	27725.	-50.35	1.18	93.94	9.39	3.05	166.	36.1
4860.	15.62	28114.	-50.74	1.13	88.69	9.41	2.89	166.	33.7
4920.	14.72	28497.	-50.81	1.12	86.24	9.71	2.81	167.	29.2
4980.	13.91	28867.	-50.35	1.09	82.71	9.85	2.69	176.	22.7
5040.	13.15	29234.	-49.75	1.07	78.45	9.89	2.54	261.	17.7
5100.	12.38	29627.	-50.70	1.05	74.55	9.98	2.43	252.	16.5
5160.	11.65	30021.	-50.86	1.02	65.30	9.28	2.13	258.	19.2
5220.	11.02	30389.	-47.82	0.99	61.67	9.28	1.98	242.	18.7
5280.	10.48	30722.	-47.88	0.96	58.58	9.27	1.88	233.	18.7
5340.	9.92	31084.	-47.51	0.94	55.51	9.28	1.78	211.	22.6
5400.	9.34	31479.	-46.30	0.92	51.41	9.12	1.64	213.	23.0
5460.	8.78	31890.	-45.43	0.90	45.05	8.50	1.43	196.	19.1
5520.	8.27	32289.	-44.25	0.86	41.53	8.32	1.31	229.	18.1

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VERTICAL CONTOURS OF OZONE PARTIAL PRESSURE VS TIME

This plot of ozone partial pressure provides a time history of ozone change over pressure and time. Ozone partial pressure is in units of micro-millibars at a contour spacing of 20 μmb . The dashed line represents individual ozonesonde measurements. Obviously, all of the observations could not be used for the reasons previously described. However, the data gives a realistic estimate of ozone behavior during the ARM Site observation period.

ARM CAMPAIGN, CONTOUR PLOT OF PARTIAL PRESSURE OF OZONE