MONITORING IN OZONE TRANSPORT CORRIDORS

Monthly Data Report
October 1, 1995 through October 31, 1995

Project Manager: Don Lehrman

Prepared for:

Leon Dolislager
Program Manager
Research Division
California Air Resources Board
2020 L Street
Sacramento, CA 95814

Prepared by:

Technical & Business Systems, Inc.
859 Second Street
Santa Rosa, CA 95404

January 10, 1996

Table of Contents

		Page
1.0	Overview	1
2.0	Operations Summary	4
3.0	Routine Quality Control and Quality Assurance Procedures	6
4.0	Field and File Formats	7
5.0	Hourly-Averaged Data	10
Figure 1	Project Site Locations	2
Table 1	Number of Hours and Days the State Standard for Ozone was Exceeded During September 1995	3
Table 2	Record Format for Hourly Data	8
Table 3	Data Validation Codes	9
APPENDIX A	Zero Precision Span Check Reports	
APPENDIX B	Multipoint Calibration Reports	
APPENDIX C	Data Quality Assurance (QA) Forms	

1.0 Overview

The following is the fifth monthly data report from the monitoring network established as part of ARB Contract No. 94-316 entitled Monitoring in Ozone Transport Corridors. This report covers the data acquired from October 1, 1995 to October 31, 1995. Monitoring ended as scheduled at midnight on October 31, and the sites decommissioned. A final calibration was performed at all sites before their tear down.

The network was designed to provide information to aid our understanding of the origin of high ozone concentrations in the Mojave Desert region and along the San Diego County coastline with a focus on the major transport corridors from the Los Angeles Basin. The project network comprises eight sites, seven of which are located in the Mojave Desert area. The eighth site is located on Catalina Island. Figure 1 is a map showing the locations of the sites. Four sites are placed at "elevated" locations that are intended to provide surrogate measurements of conditions aloft. The desert elevated sites are located on Quartzite Mtn., Shadow Mtn., and FlashII Mtn. The site on Catalina Island is at the Airport in the Sky that is also elevated. Two of the sites are located at the exit of passes leading into the desert from the South Coast Air Basin (Soledad Canyon and Cajon Pass), and the remaining two sites at Boron and Ludlow are situated as to monitor ozone transport from the San Joaquin Valley and from the eastern desert region, respectively. Ludlow, removed from any significant emission sources other than Highway 40, can serve as an indicator of downward transport of ozone to the surface from layers aloft.

Continuous measurements of ozone, ambient temperature, shelter temperature, wind direction, and wind speed are made at each site. The data are processed on-site and stored as six-minute and hourly averages. The site data systems are interfaced to modems, and the data is accessible for viewing or downloading via a telephone.

Significant losses of ozone data during the reporting period occurred at FlashII Mtn. and Quartzite Mtn. At FlashII Mtn., data for 48 hours over October 21-23 were disqualified after ozone readings at that site became unrealistically low. We think this occurred because debris collected on the in-line filter due to unusually high winds on October 21-22. The problem was corrected on October 23.

The ozone monitor at Quartzite failed its final audit on November 4 due to a faulty pump. Data were disqualified from the date of the last zero/precision/span check (October 27) to the end of the month.

Table 1 gives the number of hours and days that hourly-averaged ozone concentrations exceeded the State's standard at the sites within the project network. The maximum concentrations experienced and the days on which the maximum occurred are also given. As can be seen from the table, ozone levels were uncharacteristically low at the desert sites.

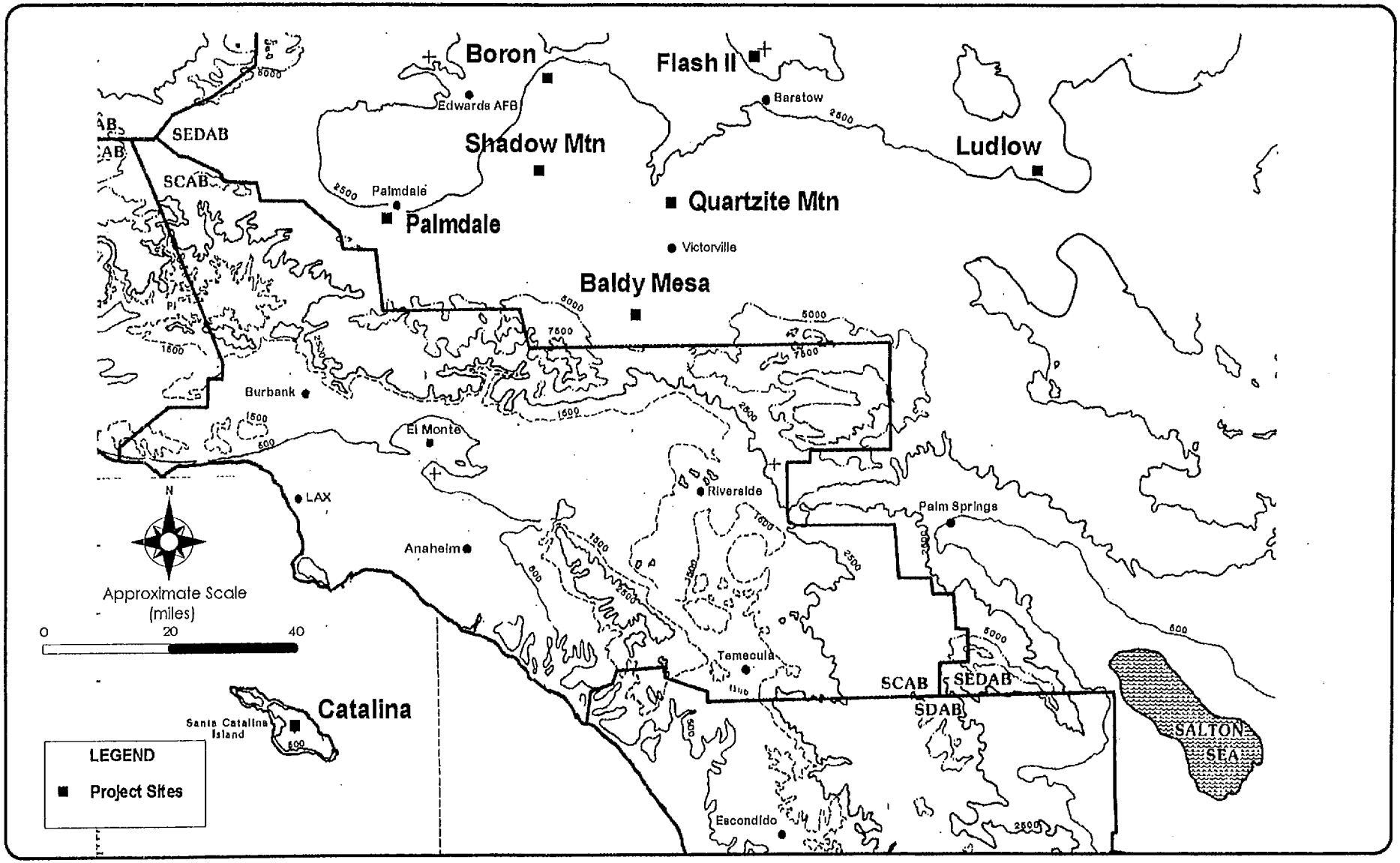

Fig. 1 Project Site Locations

Table 1 Number of Hours and Days the State Standard for Ozone was Exceeded During October 1995

Site	# Hours	# Days	Maximum (ppb)	Date of Maximum
Baldy Mesa	4	2	133	3
Boron	0	0	90	7
Catalina	19	6	108	12
FlashII Mtn.	0	0	92	8
Ludlow	0	0	79	8
SE Palmdale	9	4	112	7
Quartzite Mtn.	0	0	84	21
Shadow Mtn.	2	1	102	7

The number of exceedance hours and exceedance days at the desert sites during October was significantly less than in prior months. Only 4 hours of exceedances were measured at Baldy Mesa. By comparison, in July more than 170 hours of exceedances occurred. No exceedances were measured at Boron, FlashII Mtn., Ludlow or Quartzite Mtn.

Regarding Mojave Desert AQMD and SCAQMD (District) site exceedances, none were experienced at Barstow and Lancaster, on only one day (October 3) at Victorville and Hesperia, and on two days (October 3, 28) at Phelan.

Maximum hourly levels within the desert network were considerably reduced as well. Baldy Mesa experienced a maximum of 133 ppb and SE Palmdale 112 ppb.

Easterly flows during this period were much more frequent in the northern portion of the network than in prior months. For example, the most frequent direction at Boron was from the east whereas in all prior months the prevailing flows were overwhelmingly from the west-southwest to west. At the southern sites in the network, the prevailing surface flows were through Cajon Pass and Soledad Canyon but not as frequently as during prior months.

The Catalina Island airport site experienced the greatest number of exceedances. The ozone exposure there was comparable to the other months of monitoring.

2.0 Operations Summary

Internal audits of the sites, started in September, were concluded at the remaining two sites in October as noted below. All the equipment performed within specifications. Results of the audits were given in Appendix D of the September report, and the methods employed described in Section 4 of the September report.

Other activities and problems encountered during the reporting period are summarized below.

Baldy Mesa - A multipoint calibration was performed on the ozone analyzer October 11. Zero precision span (Z/P/S) checks were performed October 5, October 18 and October 26. A final multipoint calibration on ozone and the meteorology equipment was performed on November 1 after which the site was decommissioned. No problems occurred during this reporting period.

Boron - A multipoint calibration was performed on the ozone analyzer October 12. Z/P/S checks were performed October 5, October 19, and October 27. A final multipoint calibration was performed on the ozone and the meteorology equipment November 1 after which the site was decommissioned.

Shelter temperatures dropped significantly below accepted ARB/EPA guidelines when ambient temperatures cooled. The thermostat was adjusted several times to assure that the temperature would not be too cool at night nor too hot during the daytime. The ARB may want to review shelter temperatures and ozone levels. The ozone data have not been disqualified in this data set even when shelter temperatures were beyond limits. The ARB's recommendations on this matter would be appreciated.

Catalina Island - Zero precision span checks were performed October 4, October 9, October 20, and October 25. The multipoint calibration scheduled for October 25 was rescheduled to November 3 when the site was decommissioned. An internal audit of the ozone analyzer and the meteorological sensors was performed on October 4. No problems occurred during this reporting period.

FlashII Mtn. - Multipoint calibrations were performed on the ozone analyzer October 13, and November 2 when the site was decommissioned. The meteorological sensors were calibrated then as well. Z/P/S checks were performed October 1, October 8, October 20, October 23, and October 29. An internal audit of the ozone analyzer and of the meteorological sensors was performed on October 1.

As discussed above, it appears that during a period of persistent strong winds debris collected in the in-line filter to the ozone monitor causing artificially low readings. Data were disqualified from October 21 at 17 PST until October 23 at 14 PST when maintenance was performed and the problem corrected.

It should be noted that shelter temperature, which had been a problem, behaved reasonably well during this period. An exception was on October 21-22 when temperatures were significantly above accepted guidelines. It is uncertain if this event was tied to the high winds discussed above.

Ludlow - Multipoint calibrations were performed on the ozone analyzer October 13, and November 2 when the site was decommissioned. The meteorological sensors were calibrated then as well. Z/P/S checks were performed October 8, October 20 and October 29. No problems occurred during this reporting period.

S.E. Palmdale - Multipoint calibrations were performed on the ozone analyzer October 11 and again on November 4 when the site was decommissioned. Also on November 4, the meteorological sensors were calibrated. Z/P/S checks were performed on October 6, October 18, and October 26. No problems occurred during this reporting period.

Quartzite Mtn. - Multipoint calibrations were performed on the ozone analyzer October 12 and again on November 4 when the site was decommissioned. Before decommissioning, the meteorological sensors were also calibrated. Z/P/S checks were performed on October 8, October 19, and October 27.

Low flow rates caused the ozone monitor to fail the final audit. Because it was not possible to detect when the analyzer first went outside acceptable limits, data were disqualified from the last Z/P/S check on October 27 to November 4, the final audit date.

Shadow Mtn. - Multipoint calibrations were performed on the ozone analyzer October 12 and again on November 3 before the removal of the equipment. The meteorological sensors were also calibrated when the site was decommissioned. Z/P/S checks were performed October 5, October 19, and October 28. No problems were encountered during the reporting period.

3.0 Routine Quality Control and Quality Assurance Procedures

Quality control of the data begins with the standard operating procedures (SOP) and documentation that have been implemented for this project, and the requirement that the field technicians be familiar with these procedures. Copies of the SOP and required documentation are kept at each site.

As part of the SOP, routine weekly visits are made to each site. During each visit the equipment and site facility are visually inspected, and zero precision span (Z/P/S) checks performed on the ozone analyzer. The Z/P/S check reports are shown in Appendix A.

The sites are interrogated daily via a telephone, and the data reviewed by experienced personnel. If problems are suspected or data appears questionable, the Monitoring Task Manager is notified immediately. The Monitoring Task Manager, after reviewing the suspect problem(s), will deploy a technician to the site if required. In this manner, problems are discovered and resolved with minimum data loss.

Data are stored on-site in non-volatile memory modules and in the data logging systems. This redundancy allows the data to be recovered if a data system fails or if communications to the site are disrupted.

Data quality assurance (QA) is provided by a number of functions. Multipoint calibrations of the meteorological and ozone monitoring equipment were performed at the initiation of monitoring. Thereafter, monthly multipoint calibrations of the ozone analyzers, and trimester multipoint calibrations of the meteorological sensors are performed. The multipoint calibrations ensure that the equipment is operating within project requirements. The results of the multipoint calibrations are contained in Appendix B. Also, the desert sites were audited by personnel from the ARB/MLD lab. (Logistical problems precluded their auditing the Catalina Island site.)

The hourly-averaged data are reviewed by personnel experienced with the parameters being measured. The data are checked for internal consistency, and consistency with other sites -- both project sites and sites operated by other agencies. Ozone consistency checks also include reasonableness with local and regional meteorological conditions.

Results of the data QA review are documented on standard forms. That documentation is included in Appendix C.

QA codes identify the validity of each data field. If a measurement is missing or has been determined to be invalid, the QA codes give an explanation. The QA codes used in the data base are defined in the following section.

4.0 Field and File Formats

Data from the reporting period (October) for each of the eight monitoring sites are contained in uniquely identified ASCII files. The file name template is SSMMMYY.HUR; where 'SS' is a two-letter site ID assigned each monitoring station, 'MMM' is the common three-letter abbreviation for month, and 'YY' is the last two digits of the year in which the data were collected. Each file has the extension '.HUR' indicating that the data within these files are the hourly averaged data.

Each file contains the following nine header records.

Header record 1 - Site Name
Header record 2 - Site Latitude
Header record 3 - Site Longitude
Header record 4 - Site Elevation
Header record 5 - Collection Year
Header record 6 - blank
Header record 7 - '----Channels----'
Header record 8 - Column headers
Header record 9 - blank

One data frame per hour follows the header records. The format of the data frames is described in Table 2.

Table 2 Record Format for Hourly Data	
Column Number	Parameter
1	Julian Day
2	Time (PST)
5	Ozone (ppb)
6	Ambient Temperature (°C)
7	Wind Speed (mps)
8	Wind Direction
9	Sigma Theta
10	Peak Wind Gusts (mps)
11	Data System Voltage
12	Shelter Temperature (°C)

Data that has been invalidated or is missing has been replaced with one of the codes listed in Table 3. These codes indicate the reason the data were invalidated or the causes of missing data.

Table 3 Data Validation Codes		
Indicator Value	Code in Table	Code in File
Begin Monitoring	BM	-989
Calibration	CA	-990
End Monitoring	EM	-991
Instrument Malfunction	IM	-992
Interference (acts of nature)	IN	-993
Maintenance / Repair	MT	-994
Operator Error	OE	-995
Performance Audit	PA	-996
Site Failure	SF	-997
Station Check	SC	-998
No Monitoring	blank	-999

5.0 Hourly-Averaged Data

One table for each data month for each parameter is contained in this section. In these tables, the data by hour is arranged in columns, and the data by day are arranged in rows. Tables showing hourly ozone concentrations, ambient temperature, scaler wind speed, peak wind gust, wind direction, sigma-theta (computed), and shelter temperature are included. The tables are ordered first by site, and next by parameter.

The reader is referred to Section 4 for an explanation of the data validation codes.

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : October

ELEVATION : 4250 feet

LONGITUDE : 117 degrees 26 minutes 33 seconds

YEAR : 1995

PARAMETER : Ozone (parts per billion)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	50	48	54	53	49	43	49	51	51	52	50	49	51	55	54	56	49	46	47	48	48	48	47	46	56
2	43	42	42	40	39	38	36	38	42	43	41	41	45	47	47	48	47	42	42	39	42	37	38	42	48
3	41	42	35	39	43	43	43	37	40	43	51	59	63	81	86	107	133	118	92	75	73	76	70	64	133
4	64	68	63	53	54	58	58	59	56	54	53	49	47	49	52	48	48	43	38	40	35	36	37	39	68
5	41	39	38	37	34	34	29	31	[SC]	32	36	40	40	42	42	42	41	37	36	38	37	38	39	39	
6	39	40	41	43	44	42	43	42	40	42	44	52	53	53	62	61	60	56	47	35	24	23	28	30	62
7	31	35	35	34	34	33	36	42	41	41	49	52	53	57	60	65	67	68	67	66	62	62	62	63	68
8	60	62	62	65	66	64	56	53	60	62	62	66	54	48	59	79	89	94	86	84	80	84	77	73	94
9	62	55	48	33	34	36	46	52	48	52	59	57	55	53	56	57	53	66	63	62	61	61	59	62	66
10	52	53	64	64	67	65	61	56	53	57	59	57	61	63	63	63	62	51	39	42	40	43	43	43	67
11	41	40	40	49	45	20	32	37	45	[CA]	42	46	47	51	62	76	75	63	68	65	63	51	51	59	
12	54	34	39	33	43	47	43	43	46	50	51	53	57	62	63	59	55	54	58	58	58	56	55	53	63
13	51	51	52	50	49	46	42	40	38	37	38	44	45	48	48	48	46	41	39	40	39	36	40	40	52
14	40	40	40	39	37	38	38	36	37	38	39	43	47	49	53	53	52	41	41	43	39	32	43	45	53
15	44	47	46	41	46	47	46	43	44	47	49	46	62	57	48	36	33	35	37	29	22	15	18	25	62
16	25	30	33	28	28	19	15	37	46	47	49	48	49	51	53	54	42	36	51	53	55	57	36	35	57
17	40	40	50	54	51	51	50	49	49	49	50	49	47	51	52	53	52	48	49	50	50	50	50	50	54
18	50	50	50	51	52	51	47	38	47	50	[SC]	55	58	57	59	64	67	71	73	73	76	77	77	75	
19	72	71	69	66	66	61	58	53	53	51	52	57	58	53	49	47	44	39	37	39	43	44	47	46	72
20	46	48	52	53	51	51	51	55	64	61	59	63	64	68	68	67	56	56	55	56	58	57	56	53	68
21	54	56	55	51	50	49	51	55	58	60	68	80	84	94	90	85	84	88	88	75	71	73	63	64	94
22	71	68	53	41	36	41	40	36	37	36	38	40	40	41	42	42	38	33	30	30	35	33	31	33	71
23	33	34	34	33	33	32	33	35	36	35	34	36	40	39	41	39	36	34	36	32	33	35	35	35	41
24	34	34	35	37	37	37	36	38	40	42	42	42	42	44	45	46	43	35	38	34	33	32	43	51	51
25	48	47	42	49	48	24	48	51	53	51	53	59	64	68	72	66	56	50	50	52	53	49	40	51	72
26	48	52	52	49	50	52	53	53	54	57	[SC]	[SC]	40	[IM]	43	46	44	44	52	41	38	59	50	35	
27	27	25	26	30	33	35	37	34	34	36	31	34	38	51	62	64	66	84	84	79	80	77	70	63	84
28	64	58	56	56	50	59	65	66	53	36	45	33	45	52	106	88	91	77	80	83	81	68	72	69	106
29	31	23	23	27	21	29	25	39	43	35	46	52	47	56	75	78	83	74	67	62	56	56	55	56	83
30	53	51	52	48	43	43	43	41	49	47	41	45	68	50	44	50	54	49	42	39	30	17	14	20	68
31	27	26	15	10	19	24	22	20	20	22	27	30	32	27	29	34	36	27	15	17	18	21	21	23	36
AVG.	46	45	45	44	44	42	43	44	46	45	47	49	51	54	58	59	58	55	53	51	49	48	47	48	

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : October

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 seconds

YEAR : 1995

PARAMETER : Ozone (parts per billion)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	6	3	3	4	7	6	6	29	48	50	48	43	41	41	41	41	42	23	6	7	8	21	14	2	50
2	11	12	17	12	19	9	10	26	45	37	37	38	38	40	40	42	40	31	19	7	4	1	1	1	45
3	1	8	14	11	6	4	7	14	19	38	58	52	54	55	51	47	49	56	64	61	60	51	50	53	64
4	57	59	63	64	61	35	17	31	49	47	44	42	41	40	41	40	38	28	18	17	7	9	10	10	64
5	19	10	7	3	2	3	6	20	33	36	36	37	38	38	38	39	[SC]	32	3	3	2	2	2	2	
6	6	11	7	7	6	5	5	11	17	24	30	43	49	53	55	61	67	57	59	49	48	55	50	43	67
7	45	47	44	45	34	45	25	44	51	61	66	67	69	68	70	66	74	90	82	74	71	68	66	62	90
8	63	36	30	22	7	4	8	33	66	72	76	79	88	82	81	78	70	66	65	76	79	83	80	73	88
9	69	67	58	22	8	5	11	46	60	61	61	58	54	54	52	49	46	34	23	12	2	2	3	3	69
10	3	4	4	15	5	4	5	22	39	46	57	66	64	59	63	63	59	13	33	58	37	14	7	4	66
11	10	2	1	2	2	3	7	14	35	42	50	56	57	60	60	57	59	63	59	52	51	48	50	47	63
12	49	63	51	37	44	48	48	55	55	59	61	68	69	[CA]	55	58	60	29	17	17	5	2	3	5	
13	5	15	15	15	14	3	5	15	30	33	35	36	36	37	38	39	39	27	14	2	2	2	2	1	39
14	3	4	6	5	3	3	6	6	13	21	30	34	37	40	42	46	43	22	5	5	6	17	20	8	46
15	5	5	10	6	8	8	8	10	17	31	38	43	47	49	47	44	53	53	50	47	45	43	36	37	53
16	39	40	39	42	42	43	43	47	51	55	57	59	58	54	49	51	57	44	42	45	47	43	43	28	59
17	4	3	3	3	4	6	3	15	31	43	44	43	43	39	39	44	44	12	2	4	1	2	2	8	44
18	5	8	4	4	3	2	4	11	30	40	40	50	55	54	53	50	44	33	73	74	59	48	11	24	74
19	4	4	6	5	3	3	7	22	43	54	50	52	55	[SC]	55	57	54	35	5	2	7	11	3	11	
20	4	16	16	17	11	6	4	5	13	30	37	47	55	63	63	64	57	62	80	65	65	60	72	82	82
21	81	79	74	70	72	72	75	75	72	73	71	70	69	68	63	62	68	73	78	77	66	60	58	53	81
22	51	52	45	44	31	23	36	40	35	32	33	33	34	35	35	35	34	29	6	1	6	6	13	11	52
23	9	10	5	7	2	4	5	21	31	35	34	35	35	36	36	37	32	12	10	12	14	3	2	3	37
24	10	11	5	3	3	3	5	9	18	23	27	31	36	38	40	41	37	21	14	7	2	2	2	3	41
25	1	3	2	3	4	3	3	17	29	38	45	51	53	56	54	51	46	9	26	51	58	28	45	50	58
26	9	11	8	3	3	3	4	11	42	49	54	60	55	52	49	48	42	9	6	3	2	2	3	23	60
27	2	2	3	4	2	3	4	5	24	39	44	45	38	35	35	35	[SC]	16	0	1	3	2	3	2	
28	2	3	6	10	2	3	6	12	23	43	42	49	71	65	53	55	49	43	26	20	25	36	44	46	71
29	57	51	40	20	14	22	18	21	72	71	80	80	69	71	69	63	49	40	33	12	7	2	3	5	80
30	12	12	19	11	7	5	5	17	29	43	52	56	59	56	55	55	60	63	57	50	52	47	44	45	63
31	46	43	45	44	41	41	38	41	43	44	48	47	48	46	41	35	40	36	31	33	30	29	28	30	48
AVG.	22	22	21	18	15	14	14	24	38	44	48	51	52	51	50	50	50	37	32	30	28	26	25	25	

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : October

ELEVATION : 1602 feet

LONGITUDE : 118 degrees 24 minutes 30 seconds

YEAR : 1995

PARAMETER : Ozone (parts per billion)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	64	64	62	65	67	68	69	68	64	60	56	53	58	59	63	60	58	64	66	84	85	77	73	71	85
2	74	74	76	75	77	74	77	77	75	72	73	62	61	65	64	72	69	63	66	79	96	85	79	76	96
3	67	65	67	69	65	67	67	68	73	74	78	75	73	77	77	74	72	70	67	73	72	75	76	76	78
4	69	63	66	70	72	71	69	68	60	57	59	50	[PA]	37	45	38	33	33	33	38	38	32	31	32	
5	35	35	37	38	40	37	37	36	35	41	45	50	53	52	49	59	56	61	62	65	49	41	63	64	65
6	58	53	51	49	45	43	41	41	41	41	43	43	42	43	43	45	46	46	50	51	50	52	48	51	58
7	51	52	52	58	60	59	62	59	56	56	61	61	62	61	61	61	60	60	59	59	58	57	58	58	62
8	56	57	57	55	56	55	54	55	55	53	52	52	53	53	51	50	48	47	48	48	52	55	53	50	57
9	50	56	56	58	57	59	58	59	59	59	58	56	55	[SC]	[SC]	53	56	78	86	83	85	81	70	76	
10	84	96	99	83	65	73	66	50	55	53	55	57	58	56	56	54	55	63	74	94	103	97	94	79	103
11	84	83	83	70	53	51	48	48	51	53	56	61	63	63	61	60	61	58	58	59	62	62	63	65	84
12	67	67	66	65	64	62	63	63	63	64	65	66	67	69	72	72	67	62	59	59	67	77	108	106	108
13	101	96	99	101	106	104	70	51	50	53	56	58	59	60	63	63	62	72	87	101	98	85	76	73	106
14	81	78	77	74	74	71	64	58	61	65	64	63	66	65	64	60	59	53	49	55	52	47	43	42	81
15	43	48	49	44	44	45	43	42	44	44	42	42	41	40	38	38	36	34	35	35	36	36	36	36	49
16	36	35	35	35	35	36	36	35	36	37	38	39	42	51	48	43	41	41	42	45	43	44	43	46	51
17	39	37	40	42	42	46	44	41	38	42	47	48	51	51	49	49	50	68	91	106	90	88	84	77	106
18	71	66	50	57	59	52	49	50	49	46	47	52	55	56	57	57	59	61	62	63	62	61	59	59	71
19	56	54	54	58	55	57	56	56	56	54	57	59	61	61	62	60	60	58	58	59	62	59	60	60	62
20	63	65	68	69	66	69	68	64	63	67	72	73	[SC]	[SC]	73	71	66	64	66	66	66	68	65	67	
21	67	67	66	65	66	65	64	62	63	62	61	62	62	60	60	61	60	58	65	67	68	69	68	69	69
22	69	67	70	68	66	64	62	63	65	65	65	64	65	63	64	64	66	68	68	71	77	70	61	59	77
23	58	60	47	44	44	44	45	42	42	45	46	49	61	62	64	64	66	62	57	59	62	59	62	57	66
24	54	54	55	56	56	60	60	58	58	60	62	63	64	62	66	67	66	65	64	63	62	58	58	60	67
25	63	63	63	63	62	62	63	62	61	59	61	[SC]	55	54	49	47	53	59	65	67	68	69	65	67	
26	69	66	71	67	66	67	62	66	65	64	66	74	61	68	73	74	89	105	98	100	93	88	84	81	105
27	87	77	74	76	81	87	84	77	81	79	80	83	83	84	81	73	75	76	84	85	84	78	76	81	87
28	80	85	79	68	63	63	63	61	49	47	47	46	45	46	46	45	45	45	46	46	46	45	50	50	85
29	50	49	47	46	47	48	47	44	48	48	46	45	43	40	43	40	37	35	36	37	38	38	39	41	50
30	41	38	39	40	40	41	38	37	39	39	38	38	39	38	38	39	38	38	38	38	38	38	38	37	41
31	38	37	37	36	37	41	39	40	39	39	37	37	35	35	35	36	35	35	34	35	35	36	38	38	41
AVG.	62	62	61	60	59	59	57	55	55	55	56	56	56	56	57	56	56	58	60	64	64	62	62	61	

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Flash II Mountain
ELEVATION : 3325 feet
PARAMETER : Ozone (parts per billion)

LATITUDE : 34 degrees 58 minutes 15 seconds
LONGITUDE : 117 degrees 02 minutes 22 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	21	36	44	45	48	44	47	47	[PA]	[PA]	38	42	37	35	36	35	37	36	36	34	33	35	37	34	
2	31	27	19	35	29	30	21	33	36	31	27	33	39	40	42	33	29	26	22	20	23	25	25	24	42
3	24	21	17	16	16	22	27	32	20	20	17	23	23	33	31	32	40	49	51	54	56	50	42	39	56
4	43	49	46	45	48	49	38	33	30	34	30	38	35	33	31	49	48	46	45	37	37	36	35	37	49
5	39	39	37	38	38	37	38	40	40	43	44	42	42	45	45	47	50	47	42	42	43	41	41	41	50
6	39	38	35	35	37	37	36	34	37	38	35	41	43	53	60	57	50	44	37	21	45	40	43	39	60
7	31	32	34	33	38	35	36	33	40	49	55	66	64	73	72	67	59	52	53	57	57	68	80	69	80
8	65	64	61	59	56	56	55	58	59	65	76	[SC]	74	87	90	91	92	92	91	83	81	77	79	84	
9	79	63	52	56	69	72	70	69	72	66	74	57	53	40	51	63	62	65	72	76	78	66	54	56	79
10	60	58	62	63	66	69	71	71	72	77	74	67	64	71	72	72	72	70	65	58	63	57	57	58	77
11	58	58	58	57	58	58	58	56	55	53	56	47	44	52	56	53	50	47	48	58	62	63	54	51	63
12	50	46	56	61	62	60	57	50	57	70	75	71	68	66	63	64	61	61	65	64	64	62	58	57	75
13	55	51	44	40	38	39	35	39	41	32	38	[CA]	42	46	45	42	38	40	40	38	41	42	40	36	
14	39	39	36	37	42	41	37	37	39	34	27	27	46	46	50	50	49	47	48	46	47	42	43	43	50
15	45	44	45	46	47	43	42	39	35	40	44	40	52	53	54	54	63	64	51	57	56	48	35	33	64
16	43	41	35	38	40	38	39	25	24	55	63	64	53	49	55	54	53	57	57	48	43	45	39	46	64
17	39	38	39	41	42	42	41	39	42	54	49	56	57	57	62	65	64	64	65	66	65	66	64	61	66
18	52	51	48	40	47	50	51	50	50	51	48	54	60	60	58	57	60	59	65	65	55	60	73	71	73
19	65	71	74	74	73	73	74	73	69	65	62	66	67	67	69	70	71	72	68	72	72	71	69	65	74
20	66	67	61	59	58	52	57	46	40	46	[SC]	48	54	53	54	55	58	57	58	59	62	60	61	63	
21	69	69	69	55	59	58	57	58	66	65	61	60	54	54	57	51	47	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	[MT]	[MT]	45	51	52	53	50	50	
24	48	50	48	49	45	47	43	43	40	34	38	40	41	43	43	44	46	46	46	47	51	51	50	50	51
25	43	38	38	39	41	44	42	48	51	50	51	57	64	66	64	61	59	60	60	59	44	49	60	60	66
26	62	62	61	61	61	58	57	48	45	43	49	56	68	62	58	56	55	57	53	50	48	48	40	38	68
27	37	34	35	35	36	30	29	33	36	42	41	41	39	47	45	42	38	40	40	40	40	39	38	38	47
28	37	40	39	39	42	40	41	42	46	48	55	51	47	44	42	38	35	32	22	44	50	55	48	49	55
29	50	20	19	28	35	36	41	40	44	38	41	31	31	35	35	32	32	38	[SC]	36	41	43	44	43	
30	43	43	43	44	42	39	39	37	43	51	53	54	53	51	53	53	29	36	35	39	49	40	48	48	54
31	42	33	29	34	41	41	38	41	42	49	55	55	58	52	50	46	38	25	27	19	14	11	9	9	58
AVG.	47	45	44	45	47	46	45	45	45	48	49	49	51	52	53	53	51	51	50	50	51	50	49	48	

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Ludlow

ELEVATION : 1782 feet

PARAMETER : Ozone (parts per billion)

LATITUDE : 34 degrees 42 minutes 36 seconds

LONGITUDE : 116 degrees 09 minutes 15 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	19	20	16	9	14	20	21	23	26	33	31	32	34	36	35	34	30	20	11	20	20	22	21	25	36
2	18	22	21	17	3	5	2	10	22	29	31	35	36	37	36	35	33	19	13	23	22	22	28	13	37
3	21	3	1	3	11	-1	11	18	23	27	29	36	38	39	38	40	43	42	65	24	48	43	29	23	65
4	19	29	43	45	41	35	27	34	35	39	40	41	41	39	37	38	35	29	19	22	11	14	3	13	45
5	15	17	15	20	18	17	9	21	26	28	31	34	36	38	36	38	33	20	5	21	17	20	22	23	38
6	23	20	11	19	11	5	14	9	14	26	35	35	43	47	50	51	48	46	45	39	21	24	32	33	51
7	31	20	10	14	8	19	8	26	35	39	54	61	61	63	64	63	60	57	37	34	38	37	33	37	64
8	36	31	30	29	32	28	32	42	[SC]	67	76	79	73	61	55	51	57	54	55	55	52	40	37	52	
9	49	43	43	42	31	43	35	41	51	56	65	67	69	64	65	65	49	50	43	31	19	20	34	29	69
10	28	31	33	30	22	25	19	13	24	31	46	50	50	51	51	50	48	46	42	34	32	30	25	10	51
11	19	30	33	35	29	20	17	23	25	36	48	47	46	47	47	46	46	43	41	43	41	34	26	37	48
12	42	37	30	33	34	36	39	51	54	54	59	64	61	61	58	55	47	34	22	38	40	39	36	30	64
13	20	22	7	20	14	22	8	[CA]	[CA]	32	35	37	37	40	41	40	36	24	15	16	9	9	21	21	
14	23	10	18	9	12	6	10	6	17	26	31	34	38	41	39	39	27	11	21	24	22	24	25	24	41
15	21	23	24	22	22	14	18	4	9	22	30	44	44	45	47	47	52	51	46	43	24	13	19	12	52
16	20	15	16	25	24	23	23	30	36	39	42	44	44	42	43	44	37	19	18	17	20	28	22	30	44
17	22	26	21	23	24	20	26	32	31	35	36	38	41	45	50	50	34	18	28	29	31	30	32	16	50
18	27	24	32	17	6	1	20	8	22	34	49	52	54	56	58	57	56	53	51	52	52	48	45	36	58
19	39	16	34	22	28	28	21	9	24	32	42	50	53	54	51	54	54	42	38	34	26	31	31	27	54
20	23	24	34	29	33	30	[SC]	[SC]	[SC]	32	45	46	49	50	48	55	52	43	17	33	35	6	34	37	
21	25	29	31	28	35	30	43	27	31	37	53	56	57	53	47	46	49	62	37	46	52	47	47	43	62
22	53	55	53	48	40	31	34	37	37	37	35	36	36	35	36	34	33	25	15	22	25	24	19	2	55
23	13	7	11	11	16	19	14	24	25	31	34	37	37	38	39	38	31	19	14	26	26	26	22	10	39
24	6	11	7	9	10	6	4	13	20	28	34	35	37	38	37	38	25	13	23	27	25	25	25	21	38
25	22	9	25	8	9	5	3	6	13	23	30	38	44	54	65	52	36	24	34	38	38	41	28	34	65
26	37	28	25	23	21	18	18	26	30	38	49	54	54	53	47	42	37	24	33	11	4	28	34	8	54
27	13	5	7	6	3	11	1	9	22	24	33	30	28	28	28	25	18	18	20	21	21	21	19	14	33
28	12	11	13	20	13	-2	3	2	10	19	25	34	37	42	48	49	47	46	42	24	29	21	36	36	49
29	31	15	9	12	16	27	18	15	10	19	24	24	29	28	[SC]	28	35	31	34	25	30	30	24	25	
30	24	16	13	11	15	10	22	8	20	42	45	46	45	43	41	39	39	38	37	36	33	31	28	30	46
31	31	32	31	28	27	24	25	26	33	31	37	38	41	43	44	41	39	40	43	43	41	33	18	15	44
AVG.	25	22	22	22	20	19	18	20	26	34	40	44	45	46	46	45	41	34	31	31	29	28	28	25	

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Palmdale
ELEVATION : 2760 feet
PARAMETER : Ozone (parts per billion)

LATITUDE : 34 degrees 33 minutes 26 seconds
LONGITUDE : 118 degrees 06 minutes 46 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	26	34	41	36	28	24	31	46	55	62	66	67	65	64	62	58	52	23	11	21	17	35	32	37	67
2	36	40	35	16	7	7	8	22	51	60	58	58	53	52	52	51	47	23	6	7	19	22	19	20	60
3	28	29	34	10	6	6	7	19	52	62	59	59	63	77	80	90	82	73	72	73	62	56	62	63	90
4	61	65	76	63	44	23	25	34	54	64	55	54	53	53	53	52	50	39	38	45	30	36	29	24	76
5	27	27	23	14	7	7	11	23	38	44	45	46	47	48	50	50	46	29	12	8	10	14	17	18	50
6	13	25	12	7	6	6	7	[SC]	22	33	39	44	51	54	60	72	78	67	64	61	53	52	35	27	
7	31	29	30	34	40	33	34	44	52	59	65	73	80	93	104	109	112	107	96	83	68	52	51	51	112
8	61	60	61	53	37	36	35	44	69	79	84	87	88	90	93	99	97	83	63	67	66	44	64	64	99
9	52	48	52	23	9	7	14	20	41	57	67	70	69	71	69	70	72	66	79	57	61	34	30	32	79
10	37	36	27	15	7	7	7	25	43	51	73	83	86	88	91	99	84	65	57	51	49	49	47	41	99
11	32	35	30	19	8	6	7	11	26	45	54	61	64	[CA]	[CA]	62	91	85	74	80	66	59	58	52	
12	46	29	34	32	24	7	11	30	45	58	64	68	73	69	62	63	81	73	30	42	38	28	31	20	81
13	33	26	30	9	6	6	14	25	36	41	46	48	51	54	56	55	49	32	31	9	22	16	18	14	56
14	26	30	20	16	8	6	8	15	27	33	41	46	49	51	53	54	41	13	8	9	12	14	27	23	54
15	20	24	23	25	20	22	12	20	46	49	51	47	44	47	55	54	64	67	60	45	45	37	41	39	67
16	35	30	29	24	16	18	8	21	48	58	65	71	71	71	68	72	76	72	47	38	37	12	19	29	76
17	28	31	23	13	7	6	7	25	35	51	59	64	60	58	55	52	42	11	7	14	21	16	25	27	64
18	28	28	24	15	6	5	7	10	33	34	42	57	64	[SC]	87	89	83	83	86	85	87	75	77	68	
19	58	45	51	40	9	9	16	38	49	56	72	87	91	78	76	72	56	25	15	8	14	17	28	23	91
20	23	19	24	18	11	8	9	22	38	44	52	64	70	79	75	75	81	75	89	86	89	78	78	79	89
21	80	80	76	69	66	74	68	74	75	68	64	70	74	86	89	93	97	83	78	70	79	80	67	80	97
22	69	58	54	49	48	38	26	35	43	44	44	45	45	46	47	48	46	40	36	30	38	42	41	42	69
23	26	29	24	13	7	7	9	23	28	32	42	45	47	45	47	44	35	17	9	9	13	22	17	19	47
24	23	22	11	7	6	6	7	14	30	36	41	43	47	53	54	51	30	28	50	40	26	32	22	32	54
25	31	35	32	17	9	15	7	27	45	55	63	65	69	73	73	70	72	62	42	38	24	30	35	35	73
26	43	48	31	16	6	6	8	24	54	60	65	65	63	70	76	72	[SC]	[SC]	22	23	27	15	37	43	
27	35	22	25	16	7	6	7	12	27	40	47	53	62	70	78	76	56	36	57	46	62	66	54	51	78
28	58	57	54	43	28	14	17	18	14	25	48	66	79	78	81	72	70	51	56	48	49	57	58	55	81
29	50	44	45	39	43	52	49	51	59	60	72	81	80	57	57	57	52	67	85	63	39	34	19	27	85
30	39	38	35	28	15	8	10	14	22	45	56	62	71	81	81	75	72	67	64	55	52	47	46	44	81
31	40	33	42	48	51	49	47	45	45	47	46	51	55	51	49	49	44	34	30	28	21	23	30	34	55
AVG.	39	37	36	27	19	17	17	28	42	50	56	61	64	66	68	68	65	53	48	43	42	38	39	39	

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Quartzite Mountain

ELEVATION : 4482 feet

PARAMETER : Ozone (parts per billion)

LATITUDE : 34 degrees 36 minutes 38 seconds

LONGITUDE : 117 degrees 17 minutes 20 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	62	56	60	61	58	60	58	57	53	56	51	53	52	55	55	54	55	53	52	47	47	46	47	44	62
2	45	43	34	34	43	42	43	45	42	44	44	45	48	49	50	50	50	50	50	49	48	45	43	44	50
3	46	46	46	46	47	46	50	49	50	52	52	53	55	58	63	72	78	69	63	67	67	42	30	31	78
4	35	63	69	71	70	69	65	64	58	52	49	49	51	50	51	52	51	47	50	49	47	46	45	45	71
5	43	45	43	42	41	40	40	41	40	40	43	45	46	46	46	47	47	47	47	48	49	47	50	51	51
6	49	45	50	48	48	47	47	41	34	32	27	42	48	45	53	62	70	68	56	54	51	47	49	46	70
7	50	51	51	49	48	50	49	51	48	52	60	59	61	61	65	67	67	66	63	65	71	69	66	68	71
8	66	67	66	68	72	73	71	72	72	75	72	69	68	63	65	[SC]	71	60	72	74	78	78	78	67	
9	66	64	66	65	64	60	59	58	56	54	53	56	60	58	63	70	68	65	65	67	64	63	74	73	74
10	71	72	71	68	67	58	50	58	65	62	62	58	53	53	61	62	67	67	62	61	58	60	49	50	72
11	51	51	53	56	52	49	50	53	53	44	51	60	52	54	58	61	62	62	73	67	60	54	54	54	73
12	55	61	71	73	69	62	61	[CA]	[CA]	56	56	54	54	54	52	53	55	57	61	59	53	55	56	57	
13	54	54	55	52	49	42	41	40	40	41	43	46	48	50	52	52	51	49	48	45	47	44	44	44	55
14	43	43	42	43	42	42	42	41	40	36	36	34	47	51	52	53	52	49	49	50	50	50	51	52	53
15	53	56	55	54	53	51	48	50	56	59	63	60	60	63	66	62	42	34	32	30	35	41	45	40	66
16	34	35	39	37	32	40	43	51	54	54	48	54	60	57	58	59	62	62	59	57	59	54	53	55	62
17	57	56	55	56	55	55	57	56	54	46	45	48	53	55	57	57	58	58	56	59	61	60	59	60	61
18	60	57	56	58	57	46	58	56	53	53	53	64	55	54	53	64	71	74	63	65	69	73	74	73	74
19	72	68	68	72	73	70	68	[SC]	65	54	64	65	67	57	54	53	51	50	50	49	48	51	51	55	
20	58	58	56	55	53	49	55	62	61	62	60	62	50	54	62	69	69	74	67	66	63	61	58	52	74
21	59	63	64	64	62	61	59	65	55	67	64	58	61	55	55	63	64	47	74	72	84	82	72	62	84
22	57	53	47	42	43	45	48	44	42	41	41	43	43	43	44	42	42	43	40	40	41	42	42	41	57
23	40	40	41	40	39	38	39	39	38	37	39	39	38	38	38	39	45	47	45	43	43	44	44	44	47
24	43	44	39	42	42	43	43	44	38	31	27	28	38	42	45	46	49	44	36	38	35	42	43	46	49
25	45	47	55	59	65	62	56	57	52	56	54	65	69	71	74	68	57	53	51	45	52	62	61	63	74
26	61	62	60	60	61	59	59	56	58	54	53	44	52	64	61	60	63	64	63	53	58	60	62	56	64
27	54	46	52	46	45	38	38	42	35	[SC]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
AVG.	53	54	54	54	54	52	52	52	50	50	50	52	53	54	56	57	58	56	56	55	55	55	54	53	

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : October

ELEVATION : 4120 feet

LONGITUDE : 117 degrees 33 minutes 54 seconds

YEAR : 1995

PARAMETER : Ozone (parts per billion)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	62	61	58	57	56	54	54	54	55	56	54	49	47	48	49	48	48	48	48	47	47	51	59	53	62
2	47	46	44	43	42	42	42	44	43	44	44	44	46	48	49	50	50	49	49	48	47	44	43	44	50
3	45	45	44	44	45	46	47	49	52	52	53	53	60	56	55	65	65	56	67	67	64	59	57	59	67
4	68	70	71	69	66	64	60	57	49	46	45	48	48	48	48	48	47	45	44	44	39	39	40	39	71
5	39	35	34	37	38	38	38	37	36	37	38	41	[SC]	44	45	45	46	44	42	45	49	43	47	49	
6	46	47	46	46	47	47	47	45	43	42	45	48	48	51	54	58	61	62	70	63	54	53	55	54	70
7	53	53	51	47	47	50	49	54	58	62	65	69	69	71	78	80	84	93	102	96	85	73	71	71	102
8	70	65	68	70	74	74	77	76	74	76	78	78	72	70	73	76	78	74	81	88	90	88	80	74	90
9	72	70	71	70	62	58	59	51	49	49	49	53	53	53	55	55	57	61	54	59	74	68	66	66	74
10	63	62	66	69	68	69	71	71	66	67	67	67	65	67	71	72	66	63	74	62	51	47	49	52	74
11	56	46	46	47	48	48	49	49	47	52	55	58	54	56	55	53	53	68	76	73	66	67	57	62	76
12	70	74	73	67	64	65	66	63	65	66	75	[CA]	51	52	53	56	65	61	58	60	60	61	61	60	
13	58	56	48	42	38	36	36	35	36	38	40	42	44	47	47	46	44	42	39	39	40	39	41	40	58
14	40	40	39	40	40	40	40	40	39	38	40	41	42	46	48	48	46	46	48	46	41	38	44	46	48
15	52	52	51	51	49	49	43	43	43	44	58	57	50	52	43	38	38	55	56	52	47	41	42	38	58
16	37	37	37	38	38	42	47	51	52	53	57	59	59	59	61	60	60	61	52	55	54	54	54	54	61
17	53	54	53	53	53	53	54	54	52	51	48	49	48	53	60	60	58	56	55	55	55	55	55	54	60
18	57	57	55	54	54	55	55	57	60	64	57	56	54	55	55	56	60	65	78	81	75	78	77	77	81
19	76	74	73	72	71	71	71	70	71	74	[SC]	68	63	60	62	63	62	59	59	55	51	48	48	50	
20	51	52	52	51	51	49	51	59	54	55	59	62	63	65	68	70	76	67	73	70	71	70	73	78	78
21	72	67	70	66	67	69	70	73	75	75	76	74	68	63	62	58	65	75	87	91	85	78	64	57	91
22	52	47	43	41	40	44	43	40	37	37	38	39	40	40	42	42	40	39	39	37	38	39	37	37	52
23	35	35	36	36	35	34	35	34	32	36	37	38	38	42	42	41	40	40	38	38	39	38	40	41	42
24	41	41	42	41	41	40	40	40	39	39	41	44	45	47	47	49	49	47	47	48	47	45	49	48	49
25	52	52	51	55	55	55	56	56	57	56	58	61	63	63	61	63	67	67	62	61	61	61	62	60	67
26	58	58	58	59	58	58	58	58	61	61	63	64	62	59	61	63	59	54	54	58	54	50	45	34	64
27	37	33	33	38	48	43	45	46	43	46	47	43	47	38	39	39	39	40	39	29	39	58	68	68	68
28	54	46	44	49	37	38	33	38	49	61	61	61	68	70	67	64	61	64	65	69	72	71	66	63	72
29	59	42	58	52	37	33	43	47	55	57	60	70	74	67	63	62	60	67	65	65	65	62	53	53	74
30	56	52	47	51	51	52	59	51	51	56	57	53	59	58	58	65	69	68	59	55	52	47	43	45	69
31	48	50	46	34	35	41	40	40	44	45	45	46	49	55	57	48	47	38	33	28	24	20	17	18	57
AVG.	54	52	52	51	50	50	51	51	51	53	54	54	55	55	56	56	57	57	58	58	56	54	54	53	

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Baldy Mesa

ELEVATION : 4250 feet

PARAMETER : Ambient Temperature (Degrees C)

LATITUDE : 34 degrees 23 minutes 20 seconds

LONGITUDE : 117 degrees 26 minutes 33 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	16.3	15.9	15.9	15.8	14.8	13.9	15.8	18.0	20.0	21.4	22.2	23.0	23.7	24.2	24.7	24.7	24.1	22.2	21.5	21.2	20.7	20.2	19.5	19.5	24.7	13.9
2	19.6	19.3	19.6	19.3	19.3	19.2	19.2	20.4	21.7	22.5	23.3	24.2	24.9	25.6	25.9	25.9	25.4	23.1	22.0	22.2	21.8	22.2	22.4	22.1	25.9	19.2
3	21.8	21.7	22.0	22.0	21.8	20.6	21.0	22.9	24.4	25.7	26.7	27.2	27.4	27.2	26.4	25.6	23.7	21.3	20.0	18.8	18.3	18.7	17.7	17.2	27.4	17.2
4	17.4	17.2	18.0	17.4	17.8	17.8	18.1	19.8	20.3	20.7	21.6	22.1	22.4	22.9	23.1	22.8	22.0	19.8	18.5	17.2	16.8	16.5	15.9	15.9	23.1	15.9
5	15.7	14.4	13.4	12.7	12.2	11.6	12.4	14.1	14.9	15.7	16.6	17.5	18.2	18.7	19.1	19l2	18.8	17.5	15.5	15.0	15.0	14.7	14.3	14.5	19.2	11.6
6	14.3	14.7	14.7	14.4	14.5	14.4	14.7	16.0	18.1	19.6	20.7	21.9	22.2	21.8	21.9	21.7	20.8	19.2	17.7	16.1	14.8	14.5	14.0	14.0	22.2	14.0
7	13.9	14.2	13.8	13.5	13.0	12.8	13.4	15.0	16.4	17.6	18.7	19.2	19.1	19.5	19.6	18.9	17.8	16.5	15.5	15.0	14.1	13.8	13.2	13.1	19.6	12.8
8	12.7	13.2	14.9	16.1	15.5	15.2	16.3	18.0	19.3	21.0	21.9	23.3	23.6	23.6	23.2	22.0	20.1	17.8	17.4	17.4	16.6	15.5	16.1	16.6	23.6	12.7
9	16.9	16.3	15.6	15.0	15.7	16.4	17.4	19.1	19.9	22.0	22.9	24.2	24.4	24.5	24.4	23.9	22.5	20.0	19.5	19.5	19.5	20.4	21.4	20.4	24.5	15.0
10	19.1	19.2	19.2	19.0	19.3	19.1	19.1	21.3	23.1	24.1	24.8	25.2	25.3	25.8	25.9	25.6	24.5	22.6	21.1	20.2	20.1	19.6	19.3	19.4	25.9	19.0
11	19.1	19.7	20.1	20.9	20.6	19.3	19.3	20.9	22.6	24.1	24.7	25.2	25.3	25.1	24.5	21.8	20.4	18.7	17.6	16.9	16.9	16.9	17.1	16.4	25.3	16.4
12	17.0	16.5	15.9	15.7	17.0	17.0	16.0	17.8	19.8	21.2	22.9	24.0	24.6	25.3	24.8	24.1	22.4	21.0	21.2	20.1	19.6	19.9	19.2	19.1	25.3	15.7
13	19.2	18.4	17.8	17.9	17.7	16.5	17.1	18.8	19.8	20.3	21.7	23.2	24.2	24.6	24.9	24.8	23.9	21.3	19.9	19.5	19.2	19.5	19.8	19.0	24.9	16.5
14	18.9	19.0	19.2	18.8	19.0	18.5	18.5	19.5	20.4	21.3	22.3	23.9	25.4	26.9	27.2	26.8	26.0	24.5	23.2	23.5	23.7	22.2	20.1	20.4	27.2	18.5
15	21.0	20.9	21.0	20.2	19.7	19.4	19.5	21.2	22.4	23.4	23.9	23.6	23.0	22.7	22.1	21.5	19.7	17.2	15.3	13.8	11.6	10.9	10.0	10.1	23.9	10.0
16	9.8	10.5	10.9	10.1	11.5	9.8	10.9	13.8	16.8	18.4	19.8	21.3	22.1	22.8	23.1	22.7	18.8	17.8	19.1	18.1	17.8	17.6	15.8	15.1	23.1	9.8
17	15.1	14.8	16.4	17.5	17.1	17.3	17.9	20.0	21.3	22.4	23.0	23.3	23.9	25.1	25.3	25.4	24.7	22.1	21.3	21.0	21.5	21.7	22.3	21.8	25.4	14.8
18	20.9	20.9	21.3	21.1	21.3	21.5	22.6	23.6	23.8	24.7	25.5	26.0	26.3	25.9	25.5	24.8	22.6	20.0	19.5	19.1	18.7	18.8	19.0	18.9	26.3	18.7
19	19.4	21.2	21.1	21.0	20.1	19.5	20.2	21.1	22.3	23.4	24.0	24.4	25.1	26.2	26.1	25.8	24.6	22.5	21.0	20.4	21.5	20.2	19.7	19.6	26.2	19.4
20	19.0	18.5	20.4	20.6	20.7	20.1	21.0	21.7	23.0	24.1	24.7	25.4	26.0	26.0	25.7	24.8	23.0	21.1	20.3	19.1	18.8	18.7	17.9	17.7	26.0	17.7
21	17.1	16.9	16.7	16.1	15.9	15.7	16.2	17.5	18.7	19.4	19.9	20.4	20.1	19.6	18.9	17.8	16.1	14.7	13.9	13.9	13.5	12.3	10.9	10.6	20.4	10.6
22	10.5	9.4	8.6	8.3	7.8	8.9	10.3	10.6	11.6	12.9	13.6	14.3	14.6	14.9	14.9	14.9	13.8	11.5	10.8	10.4	10.0	9.8	9.5	9.4	14.9	7.8
23	8.7	8.9	9.1	8.5	8.2	8.1	8.3	9.6	10.7	11.2	12.0	12.9	13.6	14.4	14.7	14.5	13.4	11.7	11.3	11.1	10.9	11.1	11.3	10.9	14.7	8.1
24	10.1	9.8	9.6	9.0	9.1	9.5	9.7	11.4	12.8	13.9	15.1	16.0	16.9	17.9	18.5	18.4	17.4	14.8	14.2	13.7	13.2	13.0	14.7	15.1	18.5	9.0
25	14.9	13.9	12.3	12.6	13.2	12.6	13.3	14.3	15.6	17.7	18.7	19.4	19.8	20.0	19.6	18.8	17.0	15.4	14.9	13.8	13.3	13.2	12.1	13.1	20.0	12.1
26	12.8	12.7	11.8	11.1	10.6	11.5	12.7	14.4	15.8	17.5	20.1	21.7	22.6	22.9	23.1	23.3	22.7	20.4	19.7	20.3	19.9	18.7	20.9	20.0	23.3	10.6
27	19.6	20.0	18.9	18.3	18.0	18.0	18.3	20.1	21.9	23.5	24.4	24.7	25.4	26.1	25.7	24.8	23.1	21.0	20.0	19.4	19.2	18.8	18.8	18.8	26.1	18.0
28	18.4	17.9	17.9	18.1	18.7	18.9	18.7	20.4	21.4	21.2	21.9	22.7	22.7	21.6	20.3	19.8	18.7	18.3	17.8	17.8	17.5	16.9	16.8	16.9	22.7	16.8
29	17.5	17.8	17.7	18.1	15.8	14.0	12.3	13.1	16.2	17.8	18.4	19.6	21.3	20.6	19.6	19.4	17.3	15.5	14.8	14.8	17.6	17.5	16.9	16.9	21.3	12.3
30	16.9	16.4	16.4	16.0	15.1	14.8	16.0	17.8	19.1	19.9	20.3	19.2	19.4	19.8	19.9	19.2	17.1	15.1	14.1	13.7	12.6	11.6	11.0	10.8	20.3	10.8
31	11.6	11.2	10.2	9.8	9.6	9.4	9.1	9.3	9.6	9.8	10.0	10.0	9.9	9.9	9.8	9.7	9.6	9.6	9.6	9.4	9.2	9.0	9.0	8.9	11.6	8.9

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Boron
ELEVATION : 2460 feet
PARAMETER : Ambient Temperature (Degrees C)

LATITUDE : 35 degrees 01 minutes 00 seconds
LONGITUDE : 117 degrees 39 minutes 00 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	11.9	11.1	10.5	9.6	8.6	7.3	9.8	16.3	20.0	22.0	24.7	26.9	27.9	28.5	29.3	29.4	29.0	26.9	21.6	18.8	17.6	16.4	14.6	13.4	29.4	7.3
2	12.5	11.3	10.3	9.4	8.9	8.2	10.0	16.9	22.0	25.9	27.3	28.7	29.7	30.4	30.6	30.8	30.5	27.9	22.3	19.8	17.4	15.5	14.4	13.8	30.8	8.2
3	13.1	11.2	10.5	10.8	10.2	8.9	10.9	17.4	21.6	24.4	27.7	30.4	32.0	33.2	33.2	32.2	30.3	27.7	25.6	23.7	23.2	23.7	23.2	22.6	33.2	8.9
4	21.0	20.3	20.0	19.4	18.7	15.8	16.3	19.0	22.5	24.5	26.1	26.7	27.7	27.8	27.9	27.2	26.0	23.6	19.9	16.5	14.6	14.7	12.8	11.8	27.9	11.8
5	12.0	10.9	9.5	7.5	8.1	7.7	9.8	15.9	18.6	19.8	20.9	22.1	22.8	23.3	24.0	24.0	23.4	21.2	16.6	13.8	11.4	11.2	9.7	8.5	24.0	7.5
6	7.5	6.1	5.4	4.7	4.9	4.0	6.8	12.4	15.7	18.5	21.8	23.9	24.9	25.9	26.8	27.1	26.5	24.2	21.5	19.6	19.5	19.4	17.6	15.8	27.1	4.0
7	16.6	17.4	17.1	17.0	15.1	15.2	14.1	17.9	19.6	21.7	23.8	25.5	26.9	27.9	28.5	28.5	27.7	24.3	21.5	19.5	18.2	17.6	17.3	16.5	28.5	14.1
8	15.6	12.3	10.3	9.3	7.8	6.7	7.9	14.0	18.6	20.8	22.8	25.2	26.8	28.3	28.7	28.6	28.0	25.4	22.2	20.3	19.2	18.2	18.0	18.3	28.7	6.7
9	17.5	17.0	14.5	10.2	8.6	7.5	8.8	15.1	19.9	22.4	24.3	26.2	27.5	28.6	29.2	29.5	28.9	26.3	21.5	18.1	17.0	15.6	14.3	12.6	29.5	7.5
10	12.1	10.7	10.1	9.6	8.1	7.7	9.5	14.9	17.8	21.3	25.3	28.4	29.9	30.4	30.8	31.0	30.2	26.3	23.2	22.1	19.9	19.5	17.1	15.6	31.0	7.7
11	13.4	12.1	10.8	10.3	10.4	9.5	10.9	16.4	20.3	25.0	27.9	29.2	29.9	30.4	30.8	30.9	30.0	27.6	24.9	22.8	21.6	20.0	19.3	18.0	30.9	9.5
12	17.5	18.1	15.9	13.8	14.6	14.5	15.2	17.7	19.2	21.4	23.9	25.8	27.2	28.4	29.2	29.4	29.4	25.4	20.8	18.2	16.5	14.9	13.4	12.8	29.4	12.8
13	11.2	10.7	9.3	8.9	7.9	7.5	9.3	17.2	22.1	24.5	26.4	27.8	28.6	29.0	29.4	29.2	28.3	25.2	21.4	18.9	16.0	14.4	14.1	12.5	29.4	7.5
14	11.9	11.2	9.5	7.8	7.3	6.2	7.4	13.1	18.0	23.3	26.5	28.2	29.4	30.1	30.8	30.9	29.9	26.5	21.7	19.2	17.8	17.6	15.0	14.0	30.9	6.2
15	12.7	11.3	10.7	11.1	9.5	8.9	10.3	15.8	19.8	23.2	25.7	27.5	28.2	29.4	28.9	27.9	25.9	23.3	21.0	19.1	16.8	17.0	16.3	15.2	29.4	8.9
16	14.7	14.1	13.9	13.4	13.1	12.9	13.1	15.0	16.9	18.7	21.2	23.3	25.0	26.3	27.3	27.8	27.2	24.0	20.8	18.9	17.4	15.9	14.5	12.5	27.8	12.5
17	11.1	10.0	9.2	8.4	7.5	7.1	8.1	13.5	17.8	19.8	23.5	26.9	29.3	30.5	30.7	30.6	29.6	25.4	21.1	18.2	16.4	14.9	14.4	13.6	30.7	7.1
18	13.0	11.1	10.0	9.0	8.3	7.7	9.6	15.9	21.4	24.6	27.5	29.5	30.5	31.4	32.1	32.0	31.0	27.4	24.7	24.2	22.7	19.7	18.4	15.8	32.1	7.7
19	13.9	12.4	11.3	10.1	9.9	9.3	10.2	16.6	21.7	25.2	28.0	29.2	30.0	30.8	30.9	30.6	29.4	25.5	21.2	18.9	17.1	15.1	14.4	13.1	30.9	9.3
20	12.6	11.4	10.8	9.8	9.4	9.1	9.2	14.9	19.2	22.2	25.2	27.9	29.3	30.4	30.6	30.6	30.0	26.7	24.4	23.3	22.5	21.6	20.8	20.4	30.6	9.1
21	20.1	19.7	19.8	19.0	18.7	18.8	19.2	20.4	22.3	24.4	26.9	28.6	29.1	29.2	28.6	27.1	25.0	23.1	21.6	21.0	20.4	20.0	18.1	17.3	29.2	17.3
22	16.1	15.5	14.3	13.8	11.3	11.2	10.8	13.8	16.0	17.4	18.2	18.9	19.4	19.6	19.5	19.3	18.3	15.4	10.9	8.4	7.3	6.5	5.6	6.8	19.6	5.6
23	5.4	4.2	4.4	4.2	2.5	2.7	3.8	10.3	13.8	16.0	17.1	17.8	18.2	18.1	18.7	19.0	18.1	14.5	12.1	11.0	8.5	6.0	5.5	4.4	19.0	2.5
24	3.7	2.9	3.5	2.3	1.0	0.7	1.6	6.5	10.5	14.1	17.0	19.0	20.0	21.2	21.5	21.7	20.9	17.2	13.3	11.0	9.1	7.3	6.3	5.7	21.7	0.7
25	5.4	4.9	3.2	2.8	1.9	1.4	2.3	9.3	14.4	17.3	19.2	20.7	21.9	23.1	23.8	23.9	22.8	18.3	15.0	14.8	13.2	10.5	10.8	9.5	23.9	1.4
26	7.5	6.3	4.0	3.4	2.7	2.6	3.2	8.9	14.2	16.6	18.9	21.3	23.7	25.2	25.9	25.9	25.2	21.7	18.4	17.1	14.5	13.5	13.0	13.9	25.9	2.6
27	11.8	10.4	9.6	8.7	8.0	7.3	8.0	13.9	19.5	21.9	24.8	26.9	28.2	29.2	29.6	29.5	28.4	23.9	20.0	18.1	17.2	15.7	14.4	13.8	29.6	7.3
28	13.0	11.9	11.4	10.2	9.5	9.7	10.4	14.9	19.4	21.6	22.9	23.5	23.7	24.3	24.5	24.4	23.5	22.1	20.2	20.2	19.5	19.6	19.8	19.8	24.5	9.5
29	19.2	17.8	16.3	14.1	12.7	11.1	10.7	15.3	20.5	21.6	21.7	24.0	25.1	25.5	26.2	26.3	24.4	21.6	18.8	16.5	14.7	13.2	12.0	11.8	26.3	10.7
30	11.3	10.4	9.9	9.2	8.3	7.8	7.8	13.0	17.0	19.9	22.7	24.4	25.5	26.4	26.7	26.8	25.4	22.4	20.3	19.1	18.0	17.4	17.0	16.0	26.8	7.8
31	15.6	15.1	15.1	14.5	14.4	13.7	13.5	14.9	16.7	18.4	20.3	20.5	20.0	20.9	20.4	18.8	16.7	14.8	13.5	13.1	12.8	12.4	12.2	12.3	20.9	12.2

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : October

ELEVATION : 1602 feet

LONGITUDE : 118 degrees 24 minutes 30 seconds

YEAR : 1995

PARAMETER : Ambient Temperature (Degrees C)

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	23.3	23.5	23.3	23.7	23.8	24.0	24.5	24.9	25.0	25.4	25.7	24.9	25.5	25.3	25.7	26.0	25.5	23.7	22.7	23.1	23.2	23.1	23.1	22.7	26.0	22.7
2	23.7	23.7	22.5	22.3	22.6	23.8	23.6	25.1	27.7	30.1	30.9	32.1	32.7	30.7	30.7	30.5	29.5	28.8	27.7	26.1	24.8	25.7	25.9	26.6	32.7	22.3
3	26.9	27.0	27.2	25.8	26.8	26.3	25.2	25.5	26.1	26.8	27.7	27.9	28.3	27.6	26.7	26.1	25.0	24.1	24.6	24.0	24.0	23.6	22.6	22.4	28.3	22.4
4	22.3	22.5	21.4	20.7	21.5	22.2	22.1	22.7	22.9	23.4	25.3	[PA]	27.9	27.8	28.8	27.0	23.7	21.7	22.1	19.7	19.2	18.9	19.3	19.4		
5	18.3	18.0	18.2	18.7	18.5	17.4	18.4	19.3	19.6	22.0	23.5	25.5	26.7	26.6	26.2	27.2	25.8	22.9	20.5	19.8	17.1	15.6	17.2	18.1	27.2	15.6
6	18.8	18.8	18.7	17.7	14.3	13.4	13.5	14.9	18.2	18.2	17.8	18.4	19.3	17.7	17.4	17.3	15.7	14.3	13.8	13.6	13.7	13.7	13.9	14.0	19.3	13.4
7	14.1	14.0	13.9	13.4	13.3	13.4	13.2	13.9	15.3	16.2	15.1	15.2	14.9	15.1	14.6	14.0	13.7	13.3	12.9	12.9	12.8	12.8	12.8	13.3	16.2	12.8
8	13.5	13.6	13.8	13.9	13.8	13.7	13.5	13.9	14.6	14.8	14.9	15.2	15.8	15.8	15.5	14.7	13.9	13.5	13.3	13.3	13.1	13.0	12.6	12.6	15.8	12.6
9	12.9	12.8	12.7	12.4	12.2	12.0	12.0	12.3	12.7	15.4	16.2	16.9	17.0	17.6	17.3	17.5	18.8	20.5	21.4	20.7	18.8	17.1	16.7	17.3	21.4	12.0
10	17.5	18.7	17.7	19.5	21.8	20.5	20.5	23.0	22.1	18.9	20.5	22.4	21.9	21.9	24.2	27.2	26.6	23.8	21.9	20.6	20.4	19.8	19.6	19.3	27.2	17.5
11	19.1	19.2	18.8	15.8	13.2	13.3	12.9	13.6	14.3	14.7	15.2	16.8	17.2	15.9	14.7	14.7	14.4	13.8	13.6	13.5	13.4	13.8	13.9	14.0	19.2	12.9
12	14.1	14.0	14.0	14.0	13.9	14.0	14.2	14.5	15.3	16.5	17.0	18.3	17.9	17.3	16.9	16.1	14.6	13.7	13.3	13.2	13.1	13.3	14.5	16.4	18.3	13.1
13	15.5	15.3	15.6	15.5	15.4	15.2	13.7	13.4	16.1	17.6	18.6	19.8	20.1	22.0	21.7	18.8	17.2	15.5	15.7	16.2	17.8	18.5	19.9	20.8	22.0	13.4
14	22.2	21.0	22.4	20.1	20.1	20.7	21.2	21.6	14.8	14.8	16.6	21.7	22.0	20.7	19.0	17.3	15.0	13.6	13.4	17.6	18.1	20.3	21.2	21.6	22.4	13.4
15	22.4	19.7	19.2	13.9	18.1	18.0	14.6	13.3	13.8	14.9	15.2	15.6	15.7	15.8	15.6	15.3	14.4	14.0	13.9	13.9	13.9	13.7	13.7	13.6	22.4	13.3
16	13.5	13.4	13.3	13.0	12.8	12.8	13.0	14.0	15.6	16.1	16.2	15.9	16.1	16.4	16.2	16.0	14.2	13.2	12.9	13.6	13.6	14.1	13.7	14.2	16.4	12.8
17	13.6	13.1	13.0	12.9	12.8	12.8	13.1	13.6	15.6	17.4	17.7	18.3	19.1	19.6	19.1	18.2	17.6	17.0	16.4	18.8	18.7	16.2	16.4	15.6	19.6	12.8
18	16.5	15.0	14.1	15.3	15.0	14.1	14.4	14.6	14.7	15.0	15.2	15.3	15.5	15.3	15.6	16.0	15.1	14.9	14.7	14.6	14.4	14.0	13.6	13.6	16.5	13.6
19	13.2	13.0	12.7	13.0	12.6	12.6	12.6	12.8	13.7	16.3	17.0	17.3	17.4	17.3	16.3	14.9	13.9	12.8	12.6	13.3	13.5	13.0	12.7	13.0	17.4	12.6
20	13.3	13.4	13.5	13.7	13.7	13.8	13.7	13.7	14.2	16.1	17.3	17.4	17.9	17.5	17.1	15.6	14.0	13.2	13.2	13.0	12.8	12.9	12.7	12.9	17.9	12.7
21	13.1	13.0	12.8	12.6	12.4	12.2	12.1	12.0	12.5	13.2	15.1	15.1	14.6	13.4	13.4	13.0	12.6	12.3	12.4	12.6	12.8	12.7	12.8	12.8	15.1	12.0
22	12.8	12.9	13.0	12.8	12.4	12.6	13.0	13.8	14.5	15.0	16.8	17.6	16.2	16.9	16.9	16.6	15.4	14.0	13.7	13.4	13.7	14.5	15.0	15.3	17.6	12.4
23	15.1	15.1	15.4	15.3	15.1	15.4	15.6	17.5	19.5	20.8	21.6	22.0	20.4	20.5	20.4	19.8	19.0	18.6	19.7	17.9	15.7	15.6	15.2	15.8	22.0	15.1
24	16.1	16.4	17.4	16.5	17.3	17.5	17.6	17.8	18.6	19.2	19.2	19.6	19.3	19.4	18.4	17.8	16.6	16.9	18.1	18.2	17.7	17.8	18.2	18.3	19.6	16.1
25	18.3	17.6	17.5	18.4	18.0	17.7	16.8	17.7	19.1	18.5	19.7	20.1	19.9	20.2	20.0	17.5	15.6	14.0	17.0	18.0	17.1	16.9	18.6	17.7	20.2	14.0
26	17.3	18.4	16.3	14.9	18.1	18.3	18.8	18.9	19.1	19.7	20.2	20.5	20.2	20.2	21.0	20.6	20.3	19.8	19.3	19.4	19.5	19.3	19.5	20.0	21.0	14.9
27	19.4	20.4	21.4	21.4	20.4	20.0	19.0	19.4	22.1	22.9	22.0	23.8	25.6	21.6	21.4	19.7	21.6	19.7	21.2	21.3	20.4	18.1	17.5	18.1	25.6	17.5
28	18.3	17.7	17.5	16.9	17.5	17.8	18.8	18.9	18.1	19.1	18.4	17.5	19.4	19.6	15.6	15.7	15.7	15.5	14.3	14.4	13.9	13.9	13.9	13.3	19.6	13.3
29	13.5	13.4	13.4	13.3	13.8	13.7	13.6	14.1	15.2	15.5	14.9	15.4	14.3	13.9	15.7	14.4	13.3	12.9	12.6	12.5	13.1	13.1	12.9	12.6	15.7	12.5
30	12.4	12.5	12.5	12.3	12.2	12.1	12.2	12.5	13.7	14.4	13.2	13.1	13.4	14.2	14.6	15.5	13.7	12.5	12.4	12.3	12.0	11.9	12.4	11.9	15.5	11.9
31	12.1	12.1	12.1	12.2	12.1	12.2	12.4	12.5	12.5	12.7	13.0	12.6	12.4	12.6	12.6	12.3	11.7	12.0	12.1	12.4	12.6	12.6	13.0	13.3	13.3	11.7

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : October

ELEVATION : 3325 feet

LONGITUDE : 117 degrees 02 minutes 22 seconds

YEAR : 1995

PARAMETER : Ambient Temperature (Degrees C)

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	18.7	17.2	16.0	15.1	15.2	14.8	[PA]	15.6	17.2	20.2	23.0	24.9	26.4	26.9	27.4	27.1	26.7	25.3	24.3	23.5	23.5	24.2	23.9	23.5		
2	22.6	21.0	20.1	18.5	17.8	18.2	20.7	22.6	24.2	24.2	26.6	27.5	28.1	28.6	28.4	28.2	27.8	26.4	25.3	24.3	24.4	24.9	25.2	23.9	28.6	17.8
3	23.6	22.6	21.8	20.9	20.2	18.1	18.6	19.0	21.0	22.9	25.4	27.9	29.6	30.7	31.6	31.7	29.9	27.4	25.3	23.4	22.0	21.6	21.4	20.9	31.7	18.1
4	20.2	19.7	19.3	18.8	18.4	18.1	20.0	21.3	22.0	22.4	23.1	23.9	24.4	24.3	24.5	23.8	22.6	20.9	19.7	18.7	18.3	17.7	17.7	17.6	24.5	17.6
5	16.9	16.2	15.0	14.4	14.1	13.5	14.1	15.4	17.0	17.8	18.7	19.2	20.2	20.5	21.0	20.5	19.8	18.6	17.7	17.0	17.3	17.5	17.6	17.0	21.0	13.5
6	16.5	16.5	16.3	16.7	16.7	16.6	17.7	18.2	19.5	20.5	21.5	22.3	23.9	24.7	25.3	25.2	24.2	22.4	22.1	21.0	19.6	18.6	18.1	17.8	25.3	16.3
7	17.0	16.7	16.5	15.3	15.4	15.0	15.0	15.2	17.1	19.4	22.2	23.6	25.0	26.0	26.7	27.1	26.1	23.6	21.5	19.8	19.1	18.3	17.5	16.9	27.1	15.0
8	16.6	16.0	15.0	14.9	14.4	14.4	14.3	14.8	16.7	18.5	21.0	24.2	26.5	27.6	27.8	27.6	26.6	24.8	24.2	22.9	20.4	18.8	17.8	17.6	27.8	14.3
9	17.2	16.6	16.2	15.8	15.4	15.0	15.1	16.1	17.7	19.7	22.5	24.8	27.0	28.0	28.9	28.8	28.1	25.9	24.6	23.8	24.1	23.1	22.7	22.1	28.9	15.0
10	20.7	21.1	18.8	18.3	18.1	18.9	21.0	22.3	23.5	25.1	26.7	27.7	28.0	28.4	28.6	28.2	27.2	25.6	24.8	24.0	23.4	22.2	21.8	21.3	28.6	18.1
11	20.6	20.5	21.0	20.7	20.9	20.8	21.2	23.2	24.4	25.2	27.0	28.8	29.7	30.0	30.5	30.3	29.1	26.6	24.5	22.5	21.6	20.7	19.6	19.0	30.5	19.0
12	18.0	17.5	16.9	15.8	15.2	15.2	15.1	15.1	16.9	19.5	21.9	24.7	26.1	26.7	27.6	28.2	27.1	25.3	24.8	24.8	24.5	24.4	23.1	22.5	28.2	15.1
13	22.7	21.3	20.6	20.0	19.2	18.9	18.9	20.5	21.8	22.8	24.1	25.0	25.8	26.3	26.1	25.8	24.9	23.4	22.5	22.5	22.5	21.9	21.9	21.5	26.3	18.9
14	21.0	20.7	20.5	20.3	20.0	20.0	20.4	21.4	22.5	23.6	24.5	25.8	26.6	27.3	27.5	27.2	26.2	24.8	23.9	23.6	23.4	23.7	23.5	22.9	27.5	20.0
15	23.4	23.1	23.0	22.4	22.0	22.1	22.1	23.0	23.4	26.1	27.9	28.6	29.9	29.4	28.4	26.9	25.1	22.5	21.1	19.4	18.3	17.3	16.6	15.5	29.9	15.5
16	14.5	13.4	12.5	12.2	11.7	11.2	10.9	11.3	13.2	15.6	18.2	20.7	23.2	25.2	26.0	26.2	25.4	23.8	23.1	21.6	19.3	17.9	16.6	15.8	26.2	10.9
17	15.2	14.6	14.8	14.6	14.6	14.7	16.1	18.2	20.1	23.3	23.1	25.0	27.7	27.9	28.0	27.5	26.6	25.3	24.8	25.0	25.0	24.5	24.1	23.8	28.0	14.6
18	22.6	22.2	21.9	19.2	19.8	20.0	20.4	20.3	21.8	23.6	27.4	28.9	29.5	30.1	30.3	30.6	29.5	27.5	25.3	24.2	23.8	23.2	22.4	22.3	30.6	19.2
19	21.7	21.2	20.9	20.9	21.1	21.5	21.9	22.4	23.6	24.5	25.9	26.7	27.1	27.5	27.8	27.4	26.4	25.0	24.1	23.7	23.5	23.5	23.2	23.2	27.8	20.9
20	23.4	22.6	22.2	21.9	21.5	20.1	19.5	19.8	20.2	22.3	24.9	28.0	29.1	29.3	29.6	29.7	28.4	27.1	26.7	23.9	22.2	21.2	20.4	19.5	29.7	19.5
21	18.8	18.6	18.4	18.0	17.6	17.5	17.0	17.4	19.1	22.3	25.5	26.5	27.5	28.0	27.8	27.0	25.0	22.5	20.9	19.4	18.3	17.2	16.3	15.2	28.0	15.2
22	14.6	14.0	13.3	12.0	11.9	12.9	12.6	13.0	13.7	14.4	14.9	15.8	16.5	16.9	16.5	16.0	15.2	14.0	13.5	13.2	13.1	12.9	11.4	11.2	16.9	11.2
23	11.2	10.9	10.5	9.5	9.0	8.9	9.6	11.2	12.7	13.9	14.8	16.0	16.4	16.3	16.6	16.4	15.7	14.3	13.5	13.6	14.1	13.9	13.2	13.1	16.6	8.9
24	12.8	13.0	12.7	12.5	12.0	11.8	10.3	9.8	12.0	14.6	16.7	17.8	19.2	19.8	20.4	20.1	19.1	17.7	16.7	16.3	16.4	16.6	16.5	15.7	20.4	9.8
25	15.2	15.1	14.2	13.3	12.6	12.4	12.1	12.6	13.9	16.2	17.4	19.4	20.9	21.8	22.6	22.3	20.6	19.4	19.3	19.3	17.1	15.6	14.2	13.3	22.6	12.1
26	12.6	12.2	12.3	11.6	11.5	11.5	10.8	11.4	12.8	14.5	16.9	19.8	21.8	23.4	24.4	24.5	23.5	22.5	22.1	21.7	20.9	20.3	19.7	18.8	24.5	10.8
27	18.5	18.0	18.3	18.2	18.1	17.2	17.5	19.5	20.7	23.1	24.4	25.7	26.0	26.4	26.6	26.6	24.8	23.3	23.1	22.8	22.9	23.7	23.0	22.7	26.6	17.2
28	21.7	21.3	20.4	19.9	19.4	19.5	19.7	20.8	21.9	22.1	23.3	23.8	25.3	25.1	25.2	25.0	24.0	23.3	22.9	22.2	21.4	20.2	19.7	19.7	25.3	19.4
29	21.0	19.3	19.1	18.6	18.1	18.6	16.5	17.8	19.1	20.9	20.5	21.7	22.2	22.7	24.0	23.8	22.4	21.4	20.6	20.2	20.1	20.2	20.1	19.7	24.0	16.5
30	19.5	19.3	19.0	17.4	17.3	17.3	17.3	18.6	19.3	20.9	22.7	23.0	24.5	24.8	25.5	24.6	23.9	22.0	20.4	19.3	18.5	16.9	16.4	16.0	25.5	16.0
31	16.0	15.2	14.6	13.6	14.0	13.7	13.6	14.0	14.9	16.7	18.6	20.1	21.4	21.8	21.6	20.6	18.9	15.6	13.6	12.7	11.8	11.4	11.5	11.0	21.8	11.0

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : October

ELEVATION : 1782 feet

LONGITUDE : 116 degrees 09 minutes 15 seconds

YEAR : 1995

PARAMETER : Ambient Temperature (Degrees C)

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	17.5	19.4	19.1	19.5	19.5	19.0	19.0	20.9	22.6	25.1	26.7	28.3	29.2	30.0	30.4	30.8	30.6	28.9	26.7	23.5	21.8	21.1	19.7	21.2	30.8	17.5
2	21.1	19.2	17.8	18.1	18.7	19.7	19.9	22.8	24.9	27.2	28.4	29.7	30.8	31.7	32.2	32.3	31.9	29.8	26.8	24.5	23.3	21.7	22.8	21.4	32.3	17.8
3	20.1	19.7	19.9	19.3	20.3	19.0	22.2	24.4	26.2	28.3	30.6	31.9	33.2	34.1	34.6	35.5	35.6	33.0	32.2	29.7	27.2	26.7	27.4	27.1	35.6	19.0
4	26.2	26.4	26.4	25.5	25.2	23.9	23.8	24.9	25.7	26.3	27.1	27.5	27.9	28.0	27.8	27.7	27.0	25.0	23.1	22.4	21.3	21.2	19.2	18.8	28.0	18.8
5	17.8	15.9	16.1	16.9	16.0	15.4	15.9	17.5	18.7	20.3	21.7	22.8	23.7	24.6	25.2	25.6	25.2	23.4	21.4	19.2	18.8	16.7	15.0	15.2	25.6	15.0
6	15.5	14.2	14.3	14.4	14.5	13.1	14.8	17.9	19.9	21.3	23.4	25.3	26.9	27.4	27.7	27.5	27.4	25.8	24.6	23.1	22.6	21.1	18.4	17.7	27.7	13.1
7	18.9	18.7	17.5	18.2	15.9	16.6	17.3	20.2	22.0	23.6	25.4	26.9	28.3	29.3	29.8	30.0	29.7	27.8	26.1	23.9	22.8	21.3	22.4	22.0	30.0	15.9
8	21.3	20.9	20.4	19.7	19.1	18.8	18.9	20.2	22.0	24.2	26.1	27.7	29.4	30.7	30.7	30.8	30.3	28.4	27.1	25.3	24.2	23.1	22.5	23.0	30.8	18.8
9	22.5	21.9	21.0	20.3	19.0	19.4	19.9	21.0	22.9	25.0	26.9	28.7	30.2	31.1	31.4	31.7	31.4	28.6	26.1	25.1	24.0	23.4	21.5	19.8	31.7	19.0
10	19.0	19.9	18.7	18.0	18.0	18.3	19.6	21.1	24.3	25.8	28.0	30.7	31.6	32.1	32.3	32.1	31.6	30.0	28.0	24.4	23.8	22.7	23.3	22.1	32.3	18.0
11	21.7	21.5	22.7	22.6	20.7	19.0	19.9	23.1	25.7	27.5	29.4	31.8	33.2	33.8	33.7	33.7	33.1	31.3	29.8	28.3	26.8	26.7	25.6	26.1	33.8	19.0
12	25.3	24.5	23.2	22.3	21.7	21.4	21.0	22.8	24.2	26.1	28.0	29.3	30.5	31.4	32.0	31.7	31.2	29.0	26.8	24.1	23.4	22.2	21.0	20.3	32.0	20.3
13	20.4	19.6	20.6	21.8	20.3	17.7	19.6	22.4	24.0	25.4	26.8	28.1	29.2	29.8	30.6	30.6	29.9	27.6	25.2	24.9	23.3	22.3	19.7	19.5	30.6	17.7
14	18.7	19.4	19.1	18.5	16.9	17.3	19.1	21.4	24.0	25.3	26.9	28.4	29.5	30.4	31.0	31.5	31.2	28.7	26.3	23.2	21.6	21.0	20.0	19.5	31.5	16.9
15	19.3	18.6	18.4	17.5	16.7	17.4	18.8	21.7	24.3	26.1	28.9	32.0	32.9	33.4	33.7	33.6	32.8	31.0	29.5	27.7	25.8	24.0	22.7	20.9	33.7	16.7
16	19.9	19.9	19.1	18.9	18.4	17.1	17.4	18.5	20.8	23.1	25.0	26.8	28.1	29.1	29.6	29.9	29.5	27.3	26.0	25.3	23.3	21.8	22.4	22.7	29.9	17.1
17	21.9	21.2	20.3	19.8	19.4	18.8	19.1	20.6	22.0	25.0	27.5	28.8	30.0	30.9	31.4	31.8	31.5	29.1	24.9	23.6	23.3	21.6	21.9	20.8	31.8	18.8
18	20.2	18.8	18.4	20.5	18.6	18.0	17.8	22.4	25.5	27.9	29.0	30.0	31.1	31.7	32.1	32.0	31.2	29.6	28.7	27.7	27.0	25.6	25.1	24.2	32.1	17.8
19	22.5	21.8	20.5	18.8	18.5	17.2	18.3	21.5	22.9	25.8	28.2	29.9	30.9	31.7	31.8	31.9	31.3	28.3	25.9	23.3	23.1	21.8	20.6	19.9	31.9	17.2
20	19.8	19.5	20.6	18.8	18.6	18.1	18.7	21.8	24.7	26.4	28.4	30.1	31.4	32.3	32.9	32.7	32.2	29.4	26.7	25.4	23.2	24.2	23.4	23.8	32.9	18.1
21	23.5	23.1	22.1	21.5	19.1	18.5	20.2	21.8	23.7	26.6	28.9	30.4	32.4	33.6	34.0	33.2	31.8	29.5	27.8	26.6	25.1	24.2	23.4	22.8	34.0	18.5
22	22.4	21.7	21.2	19.9	18.6	17.2	17.0	18.0	18.7	19.3	20.1	20.3	20.8	21.5	21.4	21.1	20.2	18.5	17.3	15.5	13.4	13.1	13.1	12.8	22.4	12.8
23	13.5	12.3	11.3	9.7	9.9	7.4	9.8	13.2	14.7	16.2	17.4	18.3	19.5	20.4	20.8	20.7	20.3	18.7	17.0	15.4	14.9	13.5	12.1	13.9	20.8	7.4
24	13.8	12.6	13.0	11.4	12.2	12.5	11.9	13.6	15.0	17.2	19.2	20.5	21.5	22.2	22.6	22.6	22.3	20.0	17.2	14.9	14.0	13.4	12.7	12.8	22.6	11.4
25	13.4	13.0	10.9	13.0	12.8	10.8	11.1	14.0	16.9	19.1	20.9	22.7	24.0	24.8	25.3	25.4	24.4	21.6	19.4	16.8	15.9	14.9	15.9	15.5	25.4	10.8
26	15.9	17.0	16.0	15.6	15.3	14.6	14.9	16.3	17.8	19.6	21.5	23.5	25.1	26.4	27.0	27.0	26.3	24.5	22.3	22.6	22.6	20.6	19.8	20.0	27.0	14.6
27	20.5	19.9	20.2	19.2	19.0	16.7	15.7	19.4	22.4	24.2	26.4	27.8	28.7	29.1	29.4	29.5	28.7	25.9	22.5	21.4	20.2	19.3	19.7	20.0	29.5	15.7
28	18.7	18.6	17.5	17.9	18.4	17.4	16.9	19.7	21.7	24.5	27.2	28.7	28.2	28.5	28.9	28.4	27.9	27.2	26.1	24.2	23.8	23.2	23.1	23.1	28.9	16.9
29	23.4	22.0	20.9	22.0	21.5	20.8	21.1	21.9	22.1	23.4	25.1	25.8	26.2	26.8	27.2	27.2	26.8	23.7	22.1	21.3	19.9	18.9	18.6	17.5	27.2	17.5
30	17.6	16.8	16.6	16.0	15.5	14.9	15.0	18.9	22.3	23.8	24.7	25.8	26.3	27.0	27.2	26.9	25.8	24.6	23.4	22.2	21.7	20.8	20.1	19.0	27.2	14.9
31	19.1	18.7	17.9	16.6	17.2	16.5	16.0	18.3	19.7	20.6	21.7	22.6	23.5	24.0	24.3	24.5	23.7	23.0	21.7	20.3	19.7	19.1	17.6	16.7	24.5	16.0

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : October

ELEVATION : 2760 feet

LONGITUDE : 118 degrees 06 minutes 46 seconds

YEAR : 1995

PARAMETER : Ambient Temperature (Degrees C)

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	14.3	14.4	14.6	13.8	13.2	13.1	15.5	19.6	20.5	21.9	23.4	25.0	26.4	27.3	28.0	28.2	28.0	25.4	21.3	20.2	18.4	17.3	16.0	16.4	28.2	13.1
2	15.9	15.1	14.6	14.0	13.9	13.5	14.4	19.0	20.9	22.5	24.7	27.0	28.5	29.3	29.5	29.7	29.4	26.6	21.5	19.4	19.2	18.4	17.7	17.0	29.7	13.5
3	16.5	16.3	16.5	14.9	13.8	14.0	15.4	21.2	25.5	27.6	30.1	31.1	31.5	31.5	30.9	30.1	28.9	26.8	25.4	24.8	25.0	24.8	24.2	24.3	31.5	13.8
4	22.8	21.6	20.9	20.0	19.2	17.7	17.5	20.2	21.3	23.3	25.1	25.8	26.6	26.9	27.1	26.9	26.2	24.2	21.2	20.5	19.1	17.8	16.5	14.5	27.1	14.5
5	13.9	13.1	12.8	11.9	11.4	10.6	11.8	14.3	18.1	19.6	20.3	21.0	21.5	22.0	22.5	22.6	22.4	20.9	16.9	15.5	15.0	15.2	14.1	12.6	22.6	10.6
6	11.0	11.3	10.5	10.5	10.9	9.9	11.1	15.3	17.1	18.7	20.1	21.7	23.0	24.0	25.1	25.7	23.8	22.2	21.6	20.9	19.9	19.5	16.7	15.7	25.7	9.9
7	14.8	14.1	14.4	14.0	14.6	13.8	15.0	17.5	20.0	22.1	24.4	24.4	25.2	25.3	24.8	24.0	22.4	20.5	19.5	18.3	17.9	16.4	15.6	15.4	25.3	13.8
8	15.6	15.1	14.9	13.6	11.9	11.8	12.1	17.1	19.9	21.0	22.6	24.0	25.5	26.3	27.4	27.0	25.0	23.3	21.7	18.7	18.2	17.4	18.0	17.7	27.4	11.8
9	15.8	15.6	16.6	14.5	13.4	13.3	14.5	18.3	20.9	22.2	23.7	24.9	26.1	27.2	28.0	28.2	27.3	24.1	22.6	21.5	19.7	17.7	17.1	16.3	28.2	13.3
10	15.9	15.5	15.1	14.4	13.8	12.7	13.1	18.5	21.0	22.4	24.2	25.9	27.2	28.4	29.2	29.1	27.4	25.6	24.9	24.5	24.4	23.4	22.2	21.0	29.2	12.7
11	18.9	19.0	18.2	17.7	16.4	15.6	15.2	18.1	22.8	24.4	26.1	27.4	29.1	30.5	30.0	29.0	26.3	24.1	22.3	21.0	20.5	19.9	19.4	18.0	30.5	15.2
12	17.0	16.5	15.8	15.5	15.2	14.2	14.6	18.2	20.2	22.4	24.7	26.1	27.7	28.5	28.7	28.7	27.1	23.9	21.7	19.8	18.0	16.8	15.7	14.9	28.7	14.2
13	15.1	14.4	14.5	13.6	13.6	13.0	13.8	16.7	18.5	22.1	24.8	25.8	26.7	27.5	28.0	28.2	27.6	25.5	22.0	20.1	20.1	18.6	18.3	16.3	28.2	13.0
14	16.2	15.9	13.2	12.8	12.4	11.6	12.5	17.1	19.5	21.5	23.1	25.1	27.2	28.3	29.2	29.8	29.2	23.8	20.7	19.4	19.1	18.3	19.1	17.6	29.8	11.6
15	16.3	16.0	15.9	15.7	15.1	15.6	15.5	18.9	24.1	24.3	25.8	26.9	27.6	26.9	26.2	25.3	22.7	19.5	17.8	17.1	16.1	14.3	15.0	15.5	27.6	14.3
16	14.7	13.7	13.4	13.0	12.7	13.1	12.5	16.4	18.9	20.2	21.9	23.1	25.1	26.2	26.7	26.8	24.4	21.8	20.7	18.3	16.6	15.0	13.9	14.0	26.8	12.5
17	13.0	13.2	12.8	12.8	12.4	12.2	11.6	16.1	18.5	20.1	22.0	24.7	27.0	28.0	29.0	29.3	28.7	24.4	21.0	19.6	19.6	18.1	17.6	16.7	29.3	11.6
18	16.5	16.0	15.4	15.6	14.9	15.0	15.9	19.6	21.3	23.5	25.6	27.7	29.1	30.6	30.2	29.1	27.6	25.8	24.3	23.9	24.5	22.9	23.4	21.2	30.6	14.9
19	19.6	17.6	18.1	17.5	15.5	14.5	15.4	18.3	20.1	22.0	23.3	25.2	28.0	29.2	29.7	29.8	29.1	25.1	22.0	20.2	19.1	18.9	17.8	16.9	29.8	14.5
20	15.9	14.9	15.1	14.8	15.0	14.6	14.7	19.1	22.2	24.0	25.7	27.5	28.9	30.2	30.1	29.0	27.0	25.4	24.3	23.2	21.7	22.6	22.8	21.7	30.2	14.6
21	22.5	21.9	21.2	20.7	19.9	22.1	22.0	23.8	25.0	25.7	26.7	27.1	27.1	26.2	26.4	25.4	23.6	20.9	18.8	18.2	18.0	17.0	15.4	16.4	27.1	15.4
22	15.3	13.5	13.0	11.2	12.2	10.2	10.4	13.1	14.6	16.3	17.1	17.8	18.5	18.7	18.7	18.5	17.9	16.2	14.4	13.2	12.5	12.9	12.3	12.4	18.7	10.2
23	9.1	7.5	6.8	6.5	6.6	5.9	6.2	8.6	10.2	12.5	15.8	16.8	17.3	17.8	18.1	18.3	17.7	15.8	13.9	12.1	10.8	10.3	9.2	8.4	18.3	5.9
24	8.0	7.5	6.1	6.4	6.8	5.9	6.8	11.0	13.8	15.0	16.5	18.0	19.1	20.4	21.1	21.1	20.4	17.6	17.7	16.4	15.0	14.3	12.8	11.7	21.1	5.9
25	11.1	11.1	10.8	10.1	10.3	10.1	9.3	13.8	16.2	18.1	19.7	20.9	21.9	23.1	24.1	23.5	21.5	19.2	17.3	15.5	13.6	12.2	12.0	10.6	24.1	9.3
26	10.9	10.9	10.4	10.0	8.8	9.0	9.5	14.0	16.0	17.8	19.3	21.6	23.3	24.1	25.0	25.9	25.1	21.0	19.3	18.9	18.1	16.9	18.5	18.9	25.9	8.8
27	17.5	17.1	16.5	15.0	14.5	13.6	13.4	16.5	18.2	20.4	22.3	24.1	25.3	26.4	27.0	27.9	26.0	22.5	22.0	20.9	22.1	21.9	20.2	21.2	27.9	13.4
28	20.2	19.0	19.2	17.3	16.2	16.2	16.2	16.9	16.1	18.6	20.8	22.6	23.6	24.1	24.2	24.1	22.6	21.6	20.7	20.4	20.5	19.6	19.5	18.4	24.2	16.1
29	18.0	17.1	17.4	16.3	15.5	15.4	15.1	16.6	20.4	20.6	21.7	22.1	22.6	23.8	24.6	23.9	22.5	21.1	19.8	18.7	17.1	15.6	14.7	14.4	24.6	14.4
30	14.6	13.5	13.5	12.9	12.8	12.6	13.8	15.4	17.3	19.2	20.9	22.7	24.1	24.6	23.8	22.6	21.1	19.9	18.9	19.1	17.7	18.5	18.4	18.1	24.6	12.6
31	16.1	14.0	14.1	14.0	14.1	13.7	14.4	15.1	16.8	16.9	16.7	16.6	17.4	17.4	16.8	16.3	14.4	13.6	13.2	13.3	13.1	13.0	12.7	12.3	17.4	12.3

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : October

ELEVATION : 4482 feet

LONGITUDE : 117 degrees 17 minutes 20 seconds

YEAR : 1995

PARAMETER : Ambient Temperature (Degrees C)

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	16.3	15.9	15.8	15.5	15.3	15.7	16.8	18.2	19.3	19.7	21.1	21.3	23.6	23.1	22.7	22.6	22.6	21.9	21.7	21.3	21.1	21.3	20.7	20.6	23.6	15.3
2	20.7	20.1	19.7	19.8	19.5	19.3	19.4	19.3	20.3	22.0	23.7	23.9	24.7	24.8	25.1	24.5	23.8	22.9	22.8	22.7	22.4	22.5	22.5	21.8	25.1	19.3
3	22.1	22.0	21.7	21.2	21.7	21.7	21.1	21.2	22.5	23.3	25.5	26.2	28.1	28.1	29.3	28.5	27.4	24.7	22.3	21.1	21.1	20.3	20.1	19.3	29.3	19.3
4	18.5	17.6	16.9	16.4	15.9	15.9	16.8	16.7	18.9	20.3	20.8	21.2	21.9	22.6	22.9	22.1	21.5	19.7	18.6	17.7	17.0	16.6	16.1	15.8	22.9	15.8
5	15.4	14.9	14.3	13.8	13.1	12.8	12.8	13.4	14.7	15.6	16.7	17.2	17.7	18.2	18.1	18.5	18.3	16.4	16.2	15.9	16.0	15.8	16.2	15.8	18.5	12.8
6	15.6	15.3	15.2	15.2	14.9	14.8	15.8	17.5	16.5	17.2	18.9	21.0	21.5	20.8	22.4	22.0	21.2	19.5	18.0	16.9	16.0	15.7	15.4	14.7	22.4	14.7
7	15.0	15.1	14.9	14.4	13.7	13.8	13.9	14.7	15.3	17.6	19.5	20.7	21.9	22.3	21.7	21.4	19.5	17.8	16.9	16.8	16.0	15.9	16.9	17.3	22.3	13.7
8	16.8	16.0	15.8	15.5	15.3	15.3	15.2	16.7	17.8	17.7	18.4	21.9	22.8	24.1	24.8	24.5	23.9	21.2	20.8	18.5	17.2	15.9	15.7	16.6	24.8	15.2
9	16.6	15.8	15.1	15.2	15.5	15.9	16.0	16.4	16.7	18.4	20.8	22.9	25.1	25.8	25.3	23.7	23.2	22.3	21.9	22.0	21.7	21.0	19.8	19.8	25.8	15.1
10	20.2	19.9	19.7	19.9	20.1	19.8	20.5	21.8	22.2	22.5	23.5	24.8	25.9	27.0	27.0	25.7	25.5	24.0	22.8	21.5	21.0	21.0	20.5	20.1	27.0	19.7
11	19.9	19.2	19.5	20.3	19.6	19.3	19.3	19.6	20.9	22.8	23.8	24.8	25.6	25.8	25.5	25.0	23.7	20.8	18.9	18.7	18.4	18.0	18.1	17.6	25.8	17.6
12	16.9	16.3	16.5	16.3	15.9	15.8	16.0	15.9	16.8	18.4	19.8	21.6	22.0	23.5	23.9	24.2	24.1	22.3	21.8	21.8	21.3	21.2	20.8	20.3	24.2	15.8
13	19.7	19.3	19.2	18.5	17.7	16.8	17.0	18.3	19.7	20.7	21.9	22.8	23.7	24.3	24.7	24.2	23.2	21.7	21.1	20.6	20.3	19.8	19.4	19.6	24.7	16.8
14	19.3	18.9	18.7	18.6	18.1	18.1	18.2	18.9	20.1	21.8	23.1	24.6	26.3	26.7	26.6	26.4	26.3	24.9	24.3	23.8	23.1	23.0	23.1	23.1	26.7	18.1
15	22.3	21.4	21.7	21.5	21.3	20.6	19.9	19.9	21.1	22.2	23.9	24.8	24.5	23.4	22.8	21.4	19.9	18.0	16.5	15.7	15.1	13.5	13.8	13.0	24.8	13.0
16	12.3	11.6	12.4	11.8	11.1	10.5	10.6	11.9	14.4	16.7	18.3	18.4	19.3	20.1	21.1	21.4	21.3	20.8	20.3	18.0	16.6	16.5	16.9	17.0	21.4	10.5
17	17.3	18.1	17.6	18.2	18.6	18.4	18.0	18.8	19.7	20.5	22.2	23.5	24.1	24.7	24.9	24.2	24.4	23.0	23.3	23.2	23.1	23.0	22.6	22.2	24.9	17.3
18	21.8	21.8	21.2	21.8	21.8	22.0	21.8	21.7	22.3	23.5	24.8	26.1	27.1	26.9	27.8	28.4	26.7	24.2	22.8	21.5	21.2	20.6	20.7	21.7	28.4	20.6
19	21.7	21.0	20.9	20.4	20.3	19.9	20.5	21.7	22.4	21.9	22.4	25.2	26.0	26.9	27.2	26.4	25.1	23.7	22.7	22.3	21.6	21.1	21.3	21.3	27.2	19.9
20	21.6	21.8	20.8	20.5	20.2	20.2	20.4	21.5	22.5	23.1	23.0	23.5	26.1	26.7	27.2	27.4	26.2	23.6	22.1	21.7	21.2	20.0	19.4	19.2	27.4	19.2
21	19.1	18.7	18.8	18.8	18.6	17.4	17.4	18.2	18.9	21.0	22.7	23.6	24.4	25.1	24.4	23.1	21.6	19.2	17.5	16.2	15.2	14.7	14.1	13.4	25.1	13.4
22	13.0	12.0	10.4	9.0	9.1	10.7	10.0	9.9	11.1	11.8	13.0	13.5	13.7	14.1	14.8	14.8	13.7	12.1	11.5	11.0	11.1	10.9	10.4	9.8	14.8	9.0
23	9.8	9.6	9.0	8.6	7.8	7.6	8.0	9.6	10.2	11.3	12.4	12.8	13.1	12.9	13.4	13.5	12.3	11.6	11.6	11.6	11.5	11.3	11.2	11.2	13.5	7.6
24	10.9	10.8	10.2	10.2	10.4	10.0	10.0	10.8	11.7	12.4	14.2	14.1	14.6	15.4	15.3	15.6	15.9	15.9	15.3	15.4	14.7	14.2	14.5	13.9	15.9	10.0
25	13.7	13.7	13.1	12.7	12.2	12.4	12.1	13.5	14.7	15.6	16.3	16.8	18.2	17.5	18.4	18.2	17.5	17.0	16.9	14.9	14.6	14.1	13.5	12.5	18.4	12.1
26	12.4	12.8	12.4	11.7	12.4	12.7	12.9	14.4	13.5	16.2	18.2	20.0	19.3	19.6	20.8	20.7	21.1	20.8	20.5	19.9	21.0	20.1	19.3	19.4	21.1	11.7
27	19.3	20.0	19.3	19.2	18.7	18.1	18.0	19.1	20.9	21.7	22.7	24.0	25.0	26.0	27.0	26.0	24.3	23.1	22.0	21.4	20.9	20.5	20.0	19.2	27.0	18.0
28	19.9	19.6	19.5	19.5	19.5	20.1	20.3	20.6	21.1	21.5	22.1	23.4	23.6	22.9	22.2	21.2	20.1	19.0	18.6	18.8	18.4	18.0	17.7	19.8	23.6	17.7
29	18.3	18.3	18.0	17.5	17.5	17.1	16.2	15.5	17.0	18.2	18.6	18.9	18.6	19.6	20.5	20.4	19.0	18.8	18.8	18.6	18.6	18.4	18.3	17.5	20.5	15.5
30	17.5	17.5	17.1	16.4	15.8	16.4	16.9	17.7	18.1	18.3	19.7	20.5	20.6	21.1	20.3	20.2	20.4	18.1	16.1	15.4	14.9	14.1	13.1	13.2	21.1	13.1
31	13.5	13.5	13.0	12.4	11.4	12.1	12.4	11.4	12.3	14.3	15.6	14.9	15.2	15.0	14.2	12.7	11.5	10.1	9.8	9.0	8.8	8.7	8.7	8.7	15.6	8.7

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Shadow Mountain

ELEVATION : 4120 feet

PARAMETER : Ambient Temperature (Degrees C)

LATITUDE : 34 degrees 44 minutes 15 seconds

LONGITUDE : 117 degrees 33 minutes 54 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

DATE	HOUR (PST) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	17.0	17.2	16.0	16.0	16.3	17.1	16.9	17.8	19.9	20.9	21.5	22.6	23.4	24.0	24.4	24.3	24.0	23.3	22.9	22.7	22.6	21.7	21.0	21.5	24.4	16.0
2	21.5	21.5	21.1	21.2	21.0	20.9	20.5	20.0	20.4	21.0	22.3	23.6	24.6	25.1	25.6	25.5	25.2	24.7	24.4	24.3	24.0	23.8	23.3	23.2	25.6	20.0
3	23.2	23.0	22.6	22.3	22.2	22.0	22.3	22.1	22.3	23.8	24.9	26.1	27.2	28.1	28.3	27.8	26.3	24.2	22.1	21.3	20.9	20.4	20.1	19.4	28.3	19.4
4	18.3	17.7	16.9	16.1	15.9	16.7	17.3	19.2	19.0	19.4	20.4	21.1	21.5	21.9	22.0	21.8	21.3	20.0	19.1	18.3	18.0	17.4	16.9	16.5	22.0	15.9
5	16.0	15.5	15.1	14.5	14.1	13.6	13.4	13.3	13.6	14.4	15.0	15.6	16.5	17.2	17.7	18.1	17.9	17.2	16.9	16.9	16.8	16.0	16.4	16.4	18.1	13.3
6	16.3	16.2	15.9	15.7	15.4	15.8	16.0	16.5	17.9	19.3	19.2	20.3	20.6	21.5	23.0	22.9	23.0	21.7	20.1	18.3	17.4	17.0	16.8	16.1	23.0	15.4
7	16.5	16.6	16.0	15.2	15.1	15.2	14.3	16.0	17.2	18.8	20.1	21.1	22.3	23.3	23.8	24.0	23.1	20.7	18.2	16.7	16.0	16.5	15.5	16.3	24.0	14.3
8	15.3	15.8	15.8	15.7	16.0	15.5	15.5	16.6	19.4	19.8	20.7	22.6	23.7	24.4	24.8	24.7	23.8	22.7	20.5	17.9	16.7	15.6	16.4	16.3	24.8	15.3
9	15.9	15.3	15.2	15.7	16.1	15.7	15.5	15.9	17.7	20.0	22.2	23.5	24.2	25.0	25.5	25.3	24.7	23.4	23.2	22.4	20.6	20.6	20.6	20.8	25.5	15.2
10	20.5	20.9	21.0	20.7	20.2	20.8	21.3	21.0	21.5	22.6	23.9	24.8	25.4	26.3	27.1	26.6	25.9	25.2	23.5	21.9	20.9	20.7	20.9	20.8	27.1	20.2
11	21.0	20.8	20.7	20.6	20.6	20.4	20.6	21.2	22.0	23.4	24.5	25.0	26.1	26.7	26.7	26.5	25.5	23.2	20.5	19.9	19.5	19.0	18.2	17.5	26.7	17.5
12	16.7	16.2	17.0	15.8	15.3	16.4	15.9	15.2	16.4	18.6	20.6	22.3	23.4	24.4	24.5	24.8	24.3	23.5	23.3	22.8	21.7	22.0	22.4	21.5	24.8	15.2
13	20.5	20.5	19.3	18.7	17.8	17.2	17.0	17.0	17.7	19.0	20.3	21.3	22.3	23.2	23.8	23.9	23.3	22.4	21.2	20.4	20.1	20.9	21.0	20.7	23.9	17.0
14	20.7	20.1	19.8	19.5	19.3	18.9	19.0	19.2	19.6	20.1	21.3	22.5	23.6	24.8	25.5	25.7	25.1	24.0	24.1	24.6	24.4	23.6	23.0	22.2	25.7	18.9
15	22.5	22.7	23.2	22.7	21.8	21.5	21.9	22.0	23.0	23.1	24.6	25.5	24.1	25.1	25.1	24.0	22.4	19.4	17.1	15.8	14.9	14.3	13.2	12.3	25.5	12.3
16	11.5	11.0	11.2	11.4	10.7	10.3	11.0	11.9	13.3	15.3	17.7	19.8	21.3	22.1	22.7	23.2	22.9	21.2	18.5	17.6	16.8	16.5	16.9	17.1	23.2	10.3
17	17.9	18.5	18.3	17.9	17.6	18.4	19.0	19.3	19.6	21.0	21.9	22.6	24.2	25.1	25.2	25.1	24.8	24.4	24.2	24.3	24.2	24.0	23.3	22.7	25.2	17.6
18	23.6	23.5	22.2	21.9	21.9	21.7	22.0	23.0	22.8	23.0	25.7	26.8	26.8	27.4	27.2	27.2	27.1	25.9	23.6	22.2	21.7	21.5	21.6	21.5	27.4	21.5
19	21.7	22.3	22.4	21.6	21.4	21.4	21.0	21.6	21.3	21.9	22.2	23.3	24.4	25.0	25.4	25.3	24.7	23.9	23.7	23.4	23.2	22.7	22.5	22.6	25.4	21.0
20	22.2	21.8	21.9	21.8	21.3	20.6	20.0	20.3	21.0	22.5	23.8	25.0	25.6	26.3	26.4	26.6	26.3	24.3	22.5	21.5	20.8	20.2	19.5	19.0	26.6	19.0
21	18.5	18.4	18.4	19.2	18.6	17.6	17.3	17.9	19.3	21.1	22.4	23.3	23.6	23.8	23.5	22.8	21.5	19.1	17.3	16.1	15.4	14.7	13.4	12.4	23.8	12.4
22	11.9	10.7	9.8	9.3	9.0	10.4	10.9	10.2	10.9	12.0	12.7	13.3	13.7	14.1	14.1	13.9	13.3	12.4	12.1	12.1	12.0	12.1	11.4	11.1	14.1	9.0
23	10.3	10.4	10.1	9.7	8.9	8.6	8.7	8.5	8.8	10.0	11.2	12.2	12.8	13.6	14.2	14.1	13.5	12.9	12.5	12.3	12.1	11.9	11.9	11.8	14.2	8.5
24	11.5	11.1	11.1	11.0	11.2	10.9	10.9	11.8	12.5	13.6	14.2	14.8	16.2	17.1	17.8	18.4	17.5	16.3	16.1	16.0	15.4	14.7	14.8	14.6	18.4	10.9
25	14.3	13.3	12.8	12.9	13.5	12.9	12.4	13.0	13.6	14.4	15.7	16.8	17.6	18.5	19.4	19.6	19.1	18.2	15.6	14.6	14.0	13.3	13.2	13.1	19.6	12.4
26	13.9	13.3	12.4	13.1	13.8	13.3	14.2	14.4	14.6	17.5	17.9	19.6	20.6	21.7	23.0	22.9	22.2	21.1	21.4	21.0	21.2	20.5	19.6	18.2	23.0	12.4
27	18.1	18.7	19.1	18.8	18.7	18.5	19.1	19.3	20.7	21.5	22.2	23.6	23.6	24.2	24.7	24.7	24.1	23.3	23.3	23.1	22.4	22.0	21.2	21.2	24.7	18.1
28	20.2	19.4	19.0	18.4	19.7	19.5	20.4	20.5	20.5	20.5	21.0	21.9	21.4	21.5	21.4	21.6	21.2	20.7	20.0	19.3	19.2	19.4	19.7	19.7	21.9	18.4
29	19.8	19.6	17.7	18.0	18.4	18.0	17.2	16.2	16.3	16.5	18.5	18.8	20.1	20.3	20.8	20.7	20.2	20.0	19.9	19.4	18.6	18.4	18.3	18.6	20.8	16.2
30	18.7	18.7	17.8	17.6	17.5	16.9	17.4	17.6	18.4	19.1	20.1	21.8	22.1	21.9	22.2	22.7	21.2	18.6	16.5	16.3	15.3	13.8	14.4	16.6	22.7	13.8
31	16.6	15.5	14.7	12.4	11.5	11.8	12.2	13.2	14.9	16.0	16.6	17.6	17.0	16.7	16.7	15.7	13.5	11.6	10.8	10.0	9.4	9.1	9.4	8.4	17.6	8.4

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Baldy Mesa

ELEVATION : 4250 feet

PARAMETER : Mean Horizontal Wind Speed (meters per second)

LATITUDE : 34 degrees 23 minutes 20 seconds

LONGITUDE : 117 degrees 26 minutes 33 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	3.4	3.5	3.0	2.8	1.4	1.2	0.7	2.1	2.3	2.2	2.9	2.5	2.5	2.7	2.9	3.3	3.0	2.2	1.2	1.9	2.5	2.8	3.2	3.0
2	2.6	2.9	2.7	2.7	2.9	3.1	2.5	2.0	3.2	3.0	3.5	3.3	3.5	3.7	3.3	3.6	3.3	2.6	2.5	1.7	0.6	1.1	0.9	0.9
3	2.0	2.0	1.3	1.0	1.3	1.5	0.8	0.9	1.1	2.2	2.3	2.6	4.4	5.6	7.1	6.3	6.2	6.1	5.8	6.3	6.7	6.3	5.8	5.5
4	5.6	4.7	4.1	1.7	5.2	5.1	5.3	5.7	5.6	4.9	5.0	5.3	5.1	4.4	4.5	4.9	3.9	2.9	2.7	2.5	2.3	2.9	2.3	1.9
5	2.3	3.8	4.2	4.0	4.0	3.6	3.1	3.3	4.3	4.4	4.4	4.2	3.8	3.7	3.4	2.8	2.6	1.9	2.9	2.8	2.9	3.2	3.3	2.7
6	2.4	2.2	2.4	1.3	1.2	1.1	1.4	1.1	1.5	2.2	2.1	3.8	5.9	6.9	7.0	7.1	5.9	4.4	4.3	4.7	5.0	6.8	5.9	6.2
7	6.2	7.6	7.2	6.6	5.9	6.1	6.2	6.8	6.8	6.7	6.8	6.5	7.2	7.7	7.4	7.4	7.3	6.9	6.5	6.4	6.4	6.8	6.6	6.2
8	5.0	4.8	3.3	1.2	0.9	0.7	1.1	0.7	1.2	1.6	2.0	1.9	4.0	4.9	5.1	5.0	5.2	5.1	4.5	4.4	3.5	4.0	4.1	4.2
9	3.0	3.3	1.8	2.2	2.1	1.8	0.6	1.1	2.1	1.5	2.3	3.1	3.9	4.3	4.1	4.2	4.5	4.7	4.7	4.5	4.4	3.3	1.9	0.7
10	1.1	1.4	0.5	0.5	1.0	1.0	1.2	1.0	1.8	3.0	2.8	3.9	4.3	4.4	5.1	4.8	4.7	4.0	4.2	4.7	4.8	4.4	4.5	4.5
11	4.3	3.9	2.9	2.9	1.8	2.2	0.5	1.6	1.8	4.3	6.5	6.7	6.8	6.3	6.1	6.8	4.5	4.2	5.0	6.1	5.7	6.4	5.6	2.2
12	3.3	2.3	2.2	1.2	1.3	1.6	1.7	1.2	1.4	1.8	2.0	1.9	2.6	2.7	4.2	3.9	4.0	3.5	3.1	3.3	3.4	3.1	3.4	3.3
13	3.3	3.6	3.7	3.9	3.9	3.9	3.7	3.7	4.0	4.5	4.6	4.2	4.5	4.1	4.3	4.0	3.4	3.0	3.5	3.5	3.3	2.9	2.5	3.1
14	2.8	2.5	2.4	2.4	2.0	2.3	2.6	2.4	3.0	3.9	3.6	3.0	3.1	3.7	5.0	4.5	3.5	2.5	3.4	2.4	1.1	3.3	4.3	3.8
15	3.3	3.0	3.2	3.0	3.3	3.9	3.7	3.5	4.6	6.3	7.0	7.9	7.8	8.7	8.9	8.3	6.8	4.5	5.0	3.1	5.1	6.6	5.9	4.9
16	5.2	4.7	4.4	3.9	1.9	0.9	1.2	2.5	3.4	3.0	3.3	3.3	3.0	2.9	2.9	2.8	3.4	3.3	3.5	3.3	3.4	3.8	1.8	1.3
17	1.6	1.0	2.1	2.8	3.4	3.4	3.0	2.8	3.2	3.6	4.4	3.7	3.7	3.2	3.3	2.9	2.9	3.1	3.5	3.4	2.9	2.1	1.5	1.9
18	2.4	1.9	1.5	0.2	1.0	1.4	0.8	1.7	3.8	5.0	4.8	3.9	4.5	5.9	6.1	5.7	5.5	6.0	6.1	6.1	5.7	5.5	5.0	4.4
19	3.8	0.8	1.6	1.7	1.1	0.6	1.5	1.7	2.5	3.5	4.7	4.3	3.7	4.0	3.8	4.4	4.0	2.3	3.0	4.0	4.4	4.0	3.1	3.4
20	4.6	3.3	3.1	3.3	1.3	0.5	1.4	1.5	1.6	1.8	2.2	2.3	3.0	3.5	4.2	4.9	5.2	5.6	5.6	5.8	5.5	5.0	4.5	4.7
21	4.7	4.6	5.1	5.9	5.7	5.0	5.3	5.7	5.8	6.1	6.5	7.0	7.8	8.0	8.1	8.1	8.2	7.0	7.0	6.2	5.6	6.3	6.8	6.8
22	6.2	5.3	3.9	2.2	2.6	5.3	3.9	3.7	6.1	6.5	6.8	6.7	6.4	6.1	6.3	5.0	4.4	2.8	2.4	2.8	3.2	3.6	3.2	3.1
23	3.3	3.0	2.3	2.1	2.1	1.9	2.4	2.9	3.5	3.9	4.0	4.1	3.1	3.1	3.4	3.0	2.7	2.3	2.4	2.1	2.2	1.7	1.7	1.7
24	2.3	2.9	2.6	3.1	2.9	2.2	1.5	2.0	2.6	2.8	2.6	2.1	2.2	2.0	2.1	1.5	1.3	3.6	4.0	3.8	4.1	3.3	1.9	1.9
25	2.3	1.2	3.3	3.0	1.8	1.4	0.4	1.0	1.2	1.4	1.9	1.6	1.7	3.4	3.8	4.5	4.1	4.3	4.4	3.5	3.7	3.0	2.0	1.2
26	1.1	1.0	2.7	3.9	3.6	3.6	2.8	2.1	2.1	2.2	2.1	2.2	2.5	3.1	2.8	2.1	1.7	2.5	3.0	2.2	2.5	3.9	1.9	2.5
27	2.4	1.3	0.9	1.2	0.8	1.3	0.7	0.8	1.1	1.8	1.9	3.0	3.0	2.7	4.3	4.2	3.8	4.8	5.1	5.5	5.9	5.5	4.9	4.4
28	4.7	4.9	4.5	4.5	4.0	4.0	3.7	4.1	4.9	5.4	5.9	6.5	5.4	5.6	6.1	5.9	5.2	5.6	6.0	6.2	6.5	6.9	6.5	4.5
29	2.8	2.0	3.1	3.3	4.6	5.6	7.8	6.9	5.8	4.6	2.9	2.0	1.9	2.2	3.8	2.9	3.1	4.1	3.9	3.6	2.6	2.7	3.0	2.9
30	3.0	3.1	2.4	2.5	3.4	3.2	2.2	1.1	1.5	1.9	2.6	4.8	5.7	5.9	5.4	5.2	5.8	6.2	6.6	7.0	7.1	7.5	7.4	6.7
31	6.9	6.9	7.4	8.3	8.7	8.4	7.6	7.8	8.3	8.9	9.0	9.3	9.4	9.3	10.1	10.5	9.9	10.1	9.8	10.4	9.9	10.4	10.8	10.3
AVG.	3.5	3.2	3.1	2.9	2.8	2.8	2.6	2.8	3.3	3.7	4.0	4.1	4.4	4.7	5.0	4.9	4.5	4.3	4.4	4.3	4.3	4.5	4.1	3.7

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : October

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 seconds

YEAR : 1995

PARAMETER : Mean Horizontal Wind Speed (meters per second)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	0.7	0.4	0.6	0.6	0.7	1.2	1.2	0.6	0.5	0.9	0.9	2.1	2.3	2.1	1.5	1.2	1.2	0.6	0.5	0.9	0.8	0.8	0.6	0.3
2	0.3	0.5	0.5	0.5	0.9	0.6	0.7	0.7	0.8	1.2	2.6	2.0	2.3	2.1	2.8	1.5	1.4	1.6	0.5	1.2	1.3	0.6	0.6	0.4
3	0.7	0.6	0.5	0.2	0.5	0.3	0.6	0.2	0.9	1.5	2.2	3.6	4.1	5.4	7.8	8.7	9.2	6.8	4.8	5.5	5.1	5.0	5.3	5.9
4	5.1	4.4	4.5	3.6	2.7	1.2	1.1	1.9	2.2	3.2	3.6	4.0	3.9	4.4	4.3	4.9	5.5	4.0	3.1	2.3	2.9	3.3	2.6	2.4
5	2.5	2.0	1.5	1.1	2.1	2.1	2.3	3.0	5.3	4.8	5.2	4.9	4.7	4.5	3.7	3.5	2.8	1.9	1.4	1.2	1.1	1.4	1.0	0.6
6	0.3	0.2	0.2	0.1	0.0	0.2	0.2	0.3	1.3	0.9	1.0	1.6	1.5	1.4	1.3	2.1	2.2	1.7	2.1	1.6	2.7	2.5	1.2	1.2
7	2.4	3.9	3.8	3.4	2.2	1.9	1.3	2.4	2.5	2.6	2.6	2.4	2.5	2.1	2.1	2.7	2.9	3.7	4.5	4.3	4.2	4.4	4.0	3.4
8	1.6	0.8	1.6	1.3	1.1	1.1	0.9	1.1	0.7	1.1	1.0	0.9	1.3	1.2	1.3	2.0	2.0	1.8	2.8	2.3	2.3	2.7	2.7	3.5
9	2.9	2.4	1.2	1.4	1.4	1.2	1.4	1.7	0.5	0.8	0.9	0.8	1.3	1.2	1.1	1.1	1.4	1.3	1.2	0.7	0.8	1.0	0.7	0.9
10	0.6	1.1	1.1	1.0	1.0	0.9	0.4	0.7	1.6	1.2	0.7	2.1	2.9	2.5	1.8	1.4	1.2	0.6	1.6	1.6	1.2	1.1	0.7	1.5
11	1.6	1.1	1.3	1.6	1.0	0.5	1.2	1.8	2.3	1.7	0.8	1.1	1.6	2.4	3.1	2.6	3.1	3.8	2.8	2.1	1.8	2.0	1.5	1.2
12	1.0	1.2	1.1	0.8	1.1	1.1	1.5	3.8	3.9	3.5	2.3	2.1	2.2	1.8	1.2	1.1	0.3	0.3	0.5	0.7	0.6	0.8	0.8	0.8
13	0.5	0.6	0.3	0.6	0.8	1.2	1.0	1.0	2.8	4.2	4.5	4.9	4.8	5.0	4.7	4.3	4.1	2.6	1.9	1.9	1.9	2.1	2.3	2.0
14	2.1	1.0	0.5	0.8	0.8	0.6	0.6	0.4	0.9	1.4	2.6	3.2	3.5	3.7	3.3	2.7	2.4	1.9	1.1	1.3	1.9	2.0	2.0	0.8
15	0.7	1.0	1.0	0.6	0.2	0.1	0.6	0.5	1.2	1.0	1.5	2.8	4.2	4.4	5.4	5.9	5.3	4.0	3.1	3.2	2.9	3.1	4.3	4.2
16	3.9	3.4	3.7	3.4	3.2	3.2	2.1	2.5	2.7	2.2	1.7	1.7	2.0	1.8	1.7	1.5	1.5	2.3	2.8	2.6	2.8	1.3	0.7	0.5
17	0.9	1.1	0.7	1.1	1.0	0.9	0.7	0.4	0.5	1.7	1.2	1.0	1.6	3.0	3.4	3.2	2.4	0.7	0.5	1.1	0.8	0.4	0.4	0.1
18	0.2	0.4	0.9	1.2	1.2	1.2	1.6	1.4	1.0	0.8	1.0	1.0	1.1	1.3	1.2	1.3	1.5	1.7	2.5	3.3	1.5	0.7	0.8	1.8
19	0.9	1.3	0.7	0.9	1.1	1.3	1.1	1.1	1.0	0.7	3.4	4.4	4.2	4.5	4.8	4.5	3.8	1.8	1.7	1.6	1.1	1.0	1.5	1.4
20	0.5	0.3	0.4	0.4	0.1	0.3	0.6	0.3	1.0	1.4	1.1	0.7	1.5	2.1	2.6	2.5	2.1	2.4	3.3	4.1	4.6	4.2	3.8	4.9
21	4.9	4.8	4.0	4.5	5.0	4.3	4.9	4.9	5.0	5.4	5.7	6.7	7.1	8.0	8.9	9.3	7.4	5.3	5.5	7.1	7.8	6.9	5.6	6.1
22	4.4	3.9	2.9	2.7	1.0	2.3	2.2	2.2	3.4	4.4	4.7	5.6	4.9	5.1	5.0	4.4	4.1	2.8	1.8	2.0	2.5	2.3	2.5	2.5
23	2.3	2.2	2.1	2.0	2.2	2.3	2.4	2.3	2.3	3.6	4.5	3.3	2.6	2.4	1.6	1.4	1.7	1.5	1.3	2.1	1.4	1.0	1.2	0.2
24	0.3	0.6	1.4	0.4	0.4	0.5	0.3	0.5	1.1	0.9	0.7	1.1	1.3	1.0	1.0	0.9	0.9	1.1	0.3	0.5	0.7	0.9	1.1	0.7
25	0.9	0.7	1.1	0.9	1.1	1.3	1.1	1.6	1.1	0.6	1.0	1.5	1.4	1.2	1.7	1.5	1.3	0.7	1.1	1.6	1.3	0.9	1.9	0.9
26	1.4	0.7	0.5	1.0	1.0	1.1	0.6	0.7	0.9	1.9	2.4	1.8	0.8	1.4	2.1	2.2	1.3	0.9	0.8	0.8	0.9	0.6	1.1	1.2
27	0.9	0.8	0.8	0.9	0.9	0.8	0.9	0.2	0.3	0.7	1.2	2.5	3.5	3.1	2.5	2.4	2.2	1.2	1.8	1.5	1.0	0.8	0.5	0.6
28	0.6	0.4	0.5	0.8	1.3	1.4	1.3	1.0	0.9	0.6	1.2	2.4	2.3	2.1	1.6	1.2	1.2	1.2	0.7	1.4	1.1	1.3	1.2	1.3
29	2.4	1.2	0.8	0.9	0.6	0.5	0.6	0.6	0.7	2.1	2.7	1.6	1.4	1.1	2.1	1.7	2.1	1.4	0.6	0.7	1.3	1.0	1.2	0.7
30	0.9	0.5	0.5	1.0	0.7	1.2	1.2	0.4	1.4	0.5	0.8	1.1	0.9	1.5	1.2	1.3	1.8	2.9	4.3	3.9	3.9	4.5	3.6	3.0
31	1.7	2.0	2.3	3.1	4.8	4.3	3.5	3.6	2.2	3.2	4.7	4.8	5.3	6.5	7.2	6.8	5.4	4.9	4.7	4.4	4.0	3.5	3.1	3.9
AVG.	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.7	2.0	2.3	2.6	2.7	2.9	3.0	3.0	2.8	2.2	2.1	2.2	2.2	2.1	2.0	1.9

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Catalina Airport
ELEVATION : 1602 feet
PARAMETER : Mean Horizontal Wind Speed (meters per second)

LATITUDE : 33 degrees 24 minutes 00 seconds
LONGITUDE : 118 degrees 24 minutes 30 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	3.6	3.5	4.5	4.4	3.2	2.1	2.0	1.7	1.5	2.6	2.8	2.9	3.4	3.9	4.0	3.9	2.8	2.5	3.1	3.1	4.1	4.3	4.0	3.4
2	3.5	3.0	1.9	2.4	2.2	1.9	1.3	1.4	2.2	3.4	3.8	4.4	3.4	2.5	2.7	2.6	2.8	3.0	3.8	4.3	5.1	4.3	4.1	3.6
3	3.5	3.5	2.9	2.9	2.8	3.1	3.3	3.4	3.6	4.1	4.2	4.0	4.5	4.9	5.3	5.7	5.3	4.5	3.6	3.2	3.1	3.0	1.9	1.3
4	1.1	1.2	2.0	1.7	0.9	0.7	1.3	1.8	1.5	1.8	2.3	[PA]	1.4	3.7	3.1	1.4	0.8	2.3	4.9	4.6	4.9	5.1	4.8	3.8
5	3.5	4.2	4.6	4.5	3.2	3.3	5.7	4.9	4.5	5.7	5.3	5.6	4.7	2.6	1.3	2.4	2.4	2.7	4.0	3.3	3.3	3.3	3.7	4.8
6	4.7	3.6	3.3	1.8	0.8	1.0	1.0	1.1	1.4	1.9	1.9	1.5	2.2	2.5	1.7	2.4	2.6	3.1	2.5	1.7	1.1	1.3	1.8	1.8
7	2.1	1.2	1.0	1.4	1.4	1.3	1.7	1.0	1.7	1.9	1.7	2.4	3.6	3.6	4.4	4.1	3.6	3.5	3.2	2.9	2.5	2.5	1.7	0.9
8	0.6	0.9	1.5	1.6	1.1	1.1	1.2	2.0	3.5	4.0	4.6	4.1	4.4	5.5	6.3	6.3	6.4	6.1	5.6	4.5	3.8	2.3	2.3	1.0
9	1.3	1.8	0.9	2.5	1.0	1.5	1.0	1.3	1.7	1.5	2.7	2.6	2.7	3.0	3.4	2.6	1.1	1.7	2.0	1.7	1.3	1.5	2.1	1.5
10	1.0	0.9	1.3	2.1	2.0	1.1	1.3	0.6	1.2	1.9	1.7	1.5	2.0	2.4	0.8	0.6	0.5	0.9	1.1	2.0	2.3	2.6	1.6	2.1
11	0.7	1.7	1.9	1.4	2.3	3.2	1.5	2.4	2.6	2.6	2.7	2.4	2.9	2.7	2.4	1.7	1.2	1.9	1.2	1.9	0.8	0.6	1.0	1.4
12	2.5	3.0	1.7	0.9	0.9	1.1	1.1	2.1	2.1	1.7	2.0	2.5	2.8	3.2	3.8	3.7	4.9	4.3	3.3	2.9	1.0	0.9	0.9	1.4
13	0.9	2.2	2.6	2.4	2.4	1.6	0.9	0.7	1.1	1.4	1.9	1.8	2.2	2.1	2.3	3.0	1.9	1.3	1.6	2.0	2.2	2.4	2.4	1.4
14	1.4	0.7	0.8	2.1	2.1	1.4	1.8	1.0	2.3	3.4	2.2	1.3	2.1	2.7	3.6	3.2	3.2	2.9	3.6	2.2	1.9	2.3	1.3	1.2
15	1.4	2.3	1.8	2.7	2.2	3.5	1.9	2.8	3.8	3.3	5.2	5.4	6.1	6.1	6.0	6.6	7.3	7.6	6.7	6.3	6.0	5.7	4.8	4.8
16	4.3	4.0	3.8	3.8	3.1	2.2	1.3	1.1	1.2	1.5	2.5	2.9	2.9	2.7	3.4	3.0	3.4	3.2	2.2	1.9	1.0	0.7	1.5	2.1
17	2.4	2.3	2.6	2.8	2.2	2.7	2.4	2.6	1.3	1.7	2.1	2.4	2.0	2.2	2.4	2.8	1.6	1.5	2.1	1.7	1.4	1.4	1.0	1.0
18	1.3	0.8	1.3	1.3	0.9	1.6	2.1	1.8	0.9	0.8	1.3	2.0	2.2	1.9	1.6	1.1	1.5	1.2	1.5	2.4	2.1	2.0	1.2	1.8
19	1.0	0.9	0.8	1.3	1.0	1.4	1.3	1.8	1.3	1.4	2.2	2.4	2.7	2.5	3.6	4.1	3.1	2.6	1.5	1.6	2.3	0.8	1.2	2.3
20	3.0	2.8	2.7	3.5	3.4	2.4	2.2	1.9	1.6	1.8	2.5	3.4	2.9	3.7	4.5	5.0	4.2	4.9	4.4	4.0	3.2	2.2	1.4	3.0
21	3.1	3.0	2.2	3.0	3.2	3.9	4.0	2.8	2.8	2.7	2.5	4.0	5.0	4.5	4.3	3.9	3.9	2.9	2.1	2.6	2.5	1.8	1.3	1.5
22	1.1	1.3	1.8	2.1	2.5	2.7	2.6	2.9	2.3	2.2	2.8	2.6	1.8	2.4	2.6	2.8	2.2	2.4	2.4	2.1	1.7	3.0	3.6	3.8
23	5.2	5.0	4.9	4.5	4.8	4.8	2.9	2.4	2.7	3.7	3.1	1.4	2.3	1.8	2.2	2.5	2.3	1.4	1.4	1.4	1.5	2.2	1.6	1.4
24	2.1	2.2	2.2	2.3	1.8	1.8	1.9	1.4	1.2	2.0	2.0	3.0	3.5	3.2	3.9	3.8	3.5	3.2	4.6	4.4	3.3	3.1	3.1	2.8
25	2.5	2.1	2.2	1.9	1.7	2.2	2.2	1.8	1.8	2.3	2.7	3.3	3.0	3.1	2.9	3.7	2.9	3.1	2.8	2.8	2.5	2.5	1.1	0.3
26	1.0	1.4	1.9	1.6	0.8	1.4	1.0	0.9	1.8	1.6	1.7	1.9	2.3	2.4	2.1	2.2	2.2	3.1	2.7	2.7	2.8	2.3	2.6	2.9
27	1.6	1.0	1.7	1.8	1.2	2.0	2.3	0.6	0.8	1.8	2.8	2.1	1.7	4.4	3.2	3.1	2.1	1.2	1.3	0.9	1.3	2.4	2.7	3.0
28	2.5	3.0	3.3	2.3	2.7	3.1	1.7	1.6	1.0	1.2	1.5	1.8	1.5	1.8	2.7	2.3	2.3	2.7	3.2	2.4	2.2	3.6	3.2	2.4
29	2.9	2.5	2.1	2.3	3.6	3.3	4.4	3.0	4.0	2.6	2.2	3.3	3.2	3.0	2.4	3.4	3.3	3.1	2.6	2.0	1.2	2.9	1.5	0.5
30	1.0	1.8	1.8	1.9	2.2	2.1	2.9	2.5	0.9	1.7	3.6	3.5	3.8	4.1	3.9	2.5	3.6	4.0	4.6	4.2	2.4	2.6	2.5	2.2
31	2.0	1.6	1.7	1.7	1.8	1.0	0.7	1.8	2.3	3.2	2.8	2.7	2.4	2.3	2.3	3.0	2.6	3.0	4.0	3.2	2.7	1.3	1.7	2.1
AVG.	2.2	2.2	2.2	2.4	2.1	2.1	2.0	1.9	2.0	2.4	2.7	2.8	3.0	3.1	3.2	3.2	3.0	3.0	3.0	2.8	2.5	2.5	2.2	2.2

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : October

ELEVATION : 3325 feet

LONGITUDE : 117 degrees 02 minutes 22 seconds

YEAR : 1995

PARAMETER : Mean Horizontal Wind Speed (meters per second)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	2.9	3.5	4.2	4.0	4.8	4.3	4.2	[PA]	2.1	1.6	2.1	2.0	3.1	2.6	2.0	1.5	1.5	1.8	2.1	1.8	1.9	0.8	1.5	2.2
2	1.4	1.1	1.3	2.7	2.5	2.6	2.2	2.1	2.3	1.6	2.3	4.1	3.1	2.5	2.8	2.6	2.0	2.2	3.2	3.4	2.6	2.0	0.8	1.9
3	2.6	3.4	3.4	3.5	4.3	4.8	4.5	4.1	4.4	3.6	2.8	3.5	4.3	7.6	9.7	10.2	10.5	13.0	14.4	10.9	8.7	8.7	9.2	9.8
4	8.3	7.3	5.6	5.0	3.4	3.2	3.4	4.7	8.3	11.4	9.9	9.1	7.2	7.6	5.6	4.4	4.7	3.3	4.4	3.8	4.8	4.1	4.1	4.9
5	3.8	5.1	6.5	7.1	6.8	5.8	6.8	6.3	6.2	6.2	5.0	5.6	4.6	4.3	3.4	4.2	3.4	3.8	2.2	1.8	2.0	1.7	1.6	1.6
6	2.7	2.4	1.6	1.0	0.6	0.4	0.6	0.4	1.3	1.4	1.7	2.5	2.4	1.9	1.6	1.9	1.5	2.2	1.4	3.4	5.5	4.4	3.8	5.8
7	6.3	5.9	3.8	4.1	3.8	3.3	4.3	3.3	4.3	4.5	2.9	3.1	2.6	3.8	2.9	2.1	4.6	3.9	4.9	6.7	6.1	5.4	4.5	3.5
8	3.4	3.7	3.9	4.8	4.3	3.1	4.5	4.1	2.4	2.2	2.0	1.6	2.1	2.1	3.0	2.8	3.0	1.5	1.8	4.0	4.7	5.0	6.0	6.3
9	6.0	6.2	6.6	6.1	5.9	5.6	4.9	3.6	3.3	3.1	1.8	1.9	1.7	1.8	2.4	1.4	2.1	1.7	2.1	0.7	1.5	2.2	2.3	2.1
10	1.9	2.1	3.6	3.4	3.8	2.4	0.5	1.2	1.5	2.3	2.5	4.1	5.3	3.9	3.4	2.5	2.5	2.5	4.7	6.8	3.8	3.5	2.9	3.4
11	3.4	3.3	3.9	4.0	3.0	3.0	1.2	0.8	0.8	0.9	1.7	1.8	2.4	2.8	3.5	3.4	5.8	5.6	4.5	7.4	6.4	7.0	6.3	6.6
12	4.6	5.8	5.6	3.6	3.8	3.7	4.3	4.5	4.3	3.2	2.7	2.6	3.1	2.4	2.2	1.9	1.7	1.9	1.5	2.1	3.3	2.4	0.9	1.9
13	3.8	5.7	6.8	6.3	3.5	2.7	3.0	3.3	5.1	5.5	5.2	6.3	5.2	5.9	6.1	4.2	4.3	3.5	5.1	5.0	4.7	3.2	4.1	4.3
14	4.4	3.3	2.3	3.4	2.5	2.0	2.8	2.0	3.6	4.1	5.0	6.1	4.7	5.1	4.5	4.1	3.5	3.6	3.0	2.7	2.5	3.1	2.7	2.5
15	2.4	3.6	3.4	3.9	3.2	2.9	2.4	0.7	1.1	1.4	1.8	3.8	7.6	12.8	13.0	13.5	12.6	10.7	7.9	5.5	7.1	9.2	7.3	6.8
16	5.1	3.8	4.6	6.7	6.8	5.9	6.2	3.7	3.7	4.5	3.9	2.8	2.8	2.7	2.5	2.9	2.3	2.4	2.7	3.4	3.8	3.5	4.7	4.1
17	4.3	5.1	4.0	3.7	3.9	3.5	2.7	1.2	0.7	0.8	1.8	1.7	1.7	3.0	2.8	2.8	2.4	3.0	2.6	2.0	1.0	1.5	0.7	1.9
18	4.2	3.4	3.3	4.9	4.7	3.9	3.5	3.9	3.3	2.3	1.7	1.8	2.0	1.9	2.1	2.7	1.7	2.4	3.7	2.4	2.7	2.3	3.8	3.2
19	3.7	4.2	4.0	2.8	2.3	2.4	1.8	2.4	3.7	5.3	6.0	5.1	4.7	4.7	5.3	6.0	5.1	5.3	3.8	3.8	2.7	1.8	1.9	1.8
20	1.6	1.3	1.0	0.6	1.7	3.3	3.1	3.1	3.3	2.1	1.7	2.0	2.4	3.2	2.7	2.7	1.6	2.3	3.3	5.8	5.7	7.3	7.0	6.5
21	5.6	5.4	6.6	7.4	8.0	7.9	7.9	7.1	7.4	7.3	7.5	10.4	10.2	10.2	11.2	11.1	12.7	10.6	11.7	13.7	13.8	13.4	15.1	12.6
22	10.6	7.9	7.3	6.3	1.9	2.7	11.0	16.0	15.9	15.9	15.7	13.7	12.9	12.4	10.1	9.5	7.0	3.2	2.3	1.9	1.4	2.8	2.7	3.3
23	2.6	3.0	2.9	4.7	5.5	4.0	2.7	3.2	3.4	3.6	3.8	3.7	3.1	2.5	2.0	2.0	2.1	1.7	2.7	3.1	1.6	2.2	0.7	1.2
24	1.6	1.3	1.0	1.8	1.6	2.5	3.5	3.2	1.5	1.2	2.0	2.6	2.0	2.4	2.6	2.6	2.1	0.7	1.9	2.4	2.1	2.1	1.3	1.6
25	1.6	1.6	2.6	3.0	3.7	3.4	3.7	2.5	2.4	1.8	2.0	2.0	3.1	3.3	2.5	2.1	2.8	3.4	2.6	2.7	4.1	2.9	3.7	4.2
26	5.1	3.8	5.3	4.7	3.9	5.1	5.1	3.7	3.3	3.3	3.2	2.5	2.5	3.6	3.6	3.0	2.8	3.1	3.0	2.9	2.6	3.3	5.1	4.0
27	4.4	3.4	2.9	3.4	3.4	3.7	2.7	1.0	1.3	1.1	1.7	2.5	4.1	4.5	4.2	3.5	5.2	5.5	4.9	4.4	3.9	2.7	1.6	1.2
28	3.5	3.5	3.8	3.4	3.8	3.8	2.5	0.7	1.3	1.6	1.2	1.5	1.2	2.4	2.5	1.4	1.5	1.4	1.9	2.9	3.8	5.5	5.1	4.8
29	3.1	4.4	8.9	4.6	4.5	3.8	3.2	2.3	2.5	1.9	1.2	1.9	2.7	2.4	2.0	1.5	1.3	3.3	4.0	2.3	2.0	1.9	1.8	1.3
30	1.3	1.0	1.3	1.7	1.7	2.0	2.3	2.1	2.7	3.9	2.2	2.4	2.1	2.2	1.7	1.6	2.1	4.0	3.9	6.0	4.9	4.2	6.0	3.6
31	4.3	3.8	4.6	3.7	4.1	4.8	6.3	6.0	4.0	3.7	3.5	3.2	3.7	5.1	7.2	7.5	7.8	7.6	8.5	6.9	8.1	7.9	7.8	4.8
AVG.	3.9	3.8	4.1	4.1	3.8	3.6	3.8	3.4	3.6	3.7	3.5	3.8	3.9	4.3	4.2	4.0	4.0	3.9	4.1	4.3	4.2	4.1	4.1	4.0

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Ludlow

ELEVATION : 1782 feet

PARAMETER : Mean Horizontal Wind Speed (meters per second)

LATITUDE : 34 degrees 42 minutes 36 seconds

LONGITUDE : 116 degrees 09 minutes 15 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	2.1	2.7	1.7	2.8	3.5	4.4	4.2	3.2	1.5	2.4	3.8	3.8	3.4	2.6	1.9	2.3	2.9	2.5	1.3	2.0	1.4	2.3	2.8	2.2
2	1.5	1.5	1.7	1.9	1.5	2.2	1.8	3.4	2.0	5.3	4.3	4.0	3.3	3.5	3.8	3.5	3.4	2.5	1.4	2.5	1.8	2.5	2.5	1.4
3	2.2	1.6	1.7	1.4	1.3	0.7	3.2	4.1	4.7	4.4	2.1	1.7	1.9	2.4	2.7	1.5	1.7	4.3	3.9	1.5	1.8	2.0	3.5	4.4
4	7.2	8.6	10.6	9.0	6.7	5.2	3.9	7.7	9.5	10.8	10.0	10.5	9.0	8.3	6.2	6.9	6.1	4.2	2.5	3.1	3.3	1.6	1.3	1.8
5	0.6	0.9	0.9	2.2	1.9	1.9	1.2	1.7	1.8	3.0	4.6	5.4	5.0	4.5	4.1	4.1	3.6	2.8	0.9	1.5	0.8	0.8	2.5	2.5
6	1.4	1.9	1.2	0.7	0.8	1.3	1.3	2.5	1.9	1.4	1.1	1.3	2.2	2.6	3.3	3.5	3.8	2.8	3.8	2.3	1.4	1.9	2.4	3.0
7	3.4	1.8	1.1	3.2	1.2	2.0	1.4	3.5	3.1	1.5	1.3	1.5	1.9	2.1	2.0	1.9	1.4	2.5	1.3	1.8	2.4	2.1	3.7	4.2
8	4.7	4.6	5.0	4.3	4.3	3.5	3.9	4.8	4.3	3.1	1.3	1.2	1.8	2.9	2.2	2.3	1.9	2.8	4.1	3.7	3.0	1.7	2.8	4.1
9	4.1	3.0	4.4	3.4	3.2	3.7	3.0	3.1	3.1	3.0	1.4	1.2	1.5	2.0	1.8	1.6	1.2	1.7	2.3	1.0	1.5	2.2	2.3	1.5
10	1.5	2.6	2.1	1.7	1.5	1.2	1.0	1.1	1.6	1.5	1.4	2.3	3.9	3.7	4.1	4.2	4.3	3.6	3.7	3.5	3.0	2.4	1.8	1.4
11	2.3	3.0	2.9	3.2	1.8	1.1	1.2	1.7	1.1	1.4	1.4	2.2	4.5	4.4	4.7	4.9	5.1	4.2	3.9	3.2	1.7	3.8	2.2	3.9
12	6.4	5.1	4.3	4.1	5.2	4.5	4.5	4.6	4.4	2.7	2.1	1.5	1.5	1.8	1.7	2.6	2.6	2.8	1.0	2.1	3.0	2.0	2.0	2.1
13	1.3	1.4	2.2	2.5	1.0	1.4	1.5	2.7	5.7	4.8	3.9	4.0	4.3	4.9	5.0	5.2	5.0	2.6	1.0	0.7	0.6	0.7	1.8	2.0
14	2.1	1.7	1.0	1.3	1.6	2.2	1.5	1.4	1.1	2.4	2.6	2.7	2.5	1.8	2.0	1.3	1.1	1.0	0.6	1.4	2.4	2.1	2.3	1.8
15	1.8	2.3	1.7	1.3	1.8	0.6	0.8	0.9	1.2	0.8	1.2	3.6	5.3	6.4	6.9	6.0	5.3	6.4	6.3	4.8	4.3	2.2	1.0	1.2
16	1.8	4.3	5.8	5.9	5.9	7.3	6.7	7.0	4.9	2.8	3.1	2.9	3.3	3.8	4.1	3.3	2.8	2.8	3.4	2.5	1.7	2.8	2.9	3.9
17	5.5	4.7	4.7	4.1	4.4	5.6	4.4	4.6	5.3	3.0	5.0	3.5	2.6	2.0	1.8	1.4	1.1	0.5	1.6	2.8	2.6	2.5	2.5	1.1
18	1.5	1.4	2.5	1.4	0.9	1.2	1.1	0.8	1.2	2.1	4.6	5.4	4.7	5.5	4.9	4.8	5.4	4.7	5.0	4.6	4.7	2.9	2.1	2.9
19	3.9	1.9	2.6	1.1	2.0	1.9	1.0	1.6	1.1	1.0	1.4	1.6	1.9	1.6	1.4	1.9	1.9	1.4	1.7	2.2	1.5	2.1	2.7	2.3
20	2.5	2.1	2.0	1.5	2.0	1.1	0.6	0.7	1.9	1.3	1.3	1.1	1.5	1.7	1.7	1.3	1.3	2.6	2.0	2.9	2.4	2.5	2.7	3.9
21	3.7	3.8	1.9	2.5	2.5	2.1	2.6	2.1	1.0	0.8	1.3	1.6	2.2	3.0	6.6	7.1	6.4	6.7	4.1	3.1	4.7	5.9	7.8	8.2
22	10.4	10.6	9.3	4.9	4.2	3.6	5.2	9.6	11.2	11.3	9.9	9.5	8.8	7.6	8.0	7.7	7.1	3.7	2.3	1.4	1.5	0.7	0.6	0.9
23	1.1	1.2	1.5	0.9	0.9	2.1	1.9	1.1	1.8	3.3	3.8	2.6	2.6	2.4	2.2	2.5	2.5	2.4	0.8	0.5	0.7	0.8	1.8	3.0
24	2.9	1.8	2.8	2.0	2.8	3.4	2.8	4.0	1.8	2.4	3.8	3.8	3.5	2.8	2.4	1.7	1.4	1.9	1.2	2.0	2.4	2.7	1.9	2.1
25	2.0	1.5	2.5	1.5	1.4	1.2	1.4	0.9	1.0	1.7	1.9	1.7	2.2	1.5	1.0	1.4	2.0	0.9	0.9	2.1	2.5	2.3	1.7	2.4
26	2.8	4.3	4.3	3.7	4.3	4.6	3.8	4.4	5.6	2.7	2.4	3.0	4.1	4.3	4.7	3.5	2.5	2.0	1.6	1.8	2.0	1.9	1.7	2.0
27	2.5	2.6	3.2	4.3	2.8	1.2	1.0	1.7	4.1	2.9	4.3	4.0	4.4	3.3	3.1	2.4	2.3	0.9	2.7	2.4	2.4	2.4	2.2	1.7
28	2.3	1.5	1.3	2.2	1.2	0.7	1.1	1.1	0.9	0.7	2.2	5.5	5.8	5.2	4.9	4.8	3.8	3.3	2.4	1.4	1.4	1.2	1.9	1.2
29	2.3	2.4	2.1	3.1	1.8	3.0	2.0	2.3	2.1	0.8	2.3	3.0	1.6	1.3	1.0	0.9	0.8	1.4	2.4	1.9	2.4	2.7	1.7	2.8
30	1.2	1.0	2.2	1.6	2.7	1.9	2.6	0.6	1.2	3.0	3.7	5.0	7.6	5.1	4.8	5.4	6.1	6.2	5.3	4.7	6.0	2.7	2.3	3.0
31	3.8	4.4	5.5	3.5	3.6	3.0	2.9	3.0	3.9	4.9	6.7	5.9	6.1	6.9	6.8	7.4	6.6	5.8	3.6	2.8	5.1	4.6	4.4	5.7
AVG.	3.0	3.0	3.1	2.8	2.6	2.6	2.4	3.0	3.1	3.0	3.2	3.5	3.7	3.6	3.6	3.5	3.3	3.0	2.5	2.4	2.5	2.3	2.4	2.7

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : October

ELEVATION : 2760 feet

LONGITUDE : 118 degrees 06 minutes 46 seconds

YEAR : 1995

PARAMETER : Mean Horizontal Wind Speed (meters per second)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	2.4	2.6	2.7	2.7	2.1	2.1	1.3	0.6	1.5	1.6	1.8	2.0	2.0	2.0	1.7	2.0	1.7	1.2	2.3	1.0	1.4	2.4	2.4	2.0
2	2.3	2.1	2.7	2.3	1.8	2.0	1.5	0.6	0.9	1.4	2.7	3.8	3.3	3.8	3.6	3.0	2.6	1.6	2.1	2.8	2.8	3.0	2.9	2.8
3	3.0	3.0	3.0	2.6	2.4	2.6	2.1	0.9	1.1	1.3	2.6	5.0	5.1	6.8	7.7	6.7	6.2	4.8	4.5	3.9	5.0	4.9	4.5	6.4
4	4.9	3.3	2.4	2.6	3.1	1.4	0.7	1.3	2.4	5.0	7.7	7.4	7.4	7.0	6.7	6.3	5.8	4.3	2.9	3.6	2.0	1.4	1.6	1.8
5	1.6	1.5	1.4	1.2	1.0	1.8	1.7	2.0	6.0	7.8	8.0	7.3	6.9	6.0	5.5	4.6	3.9	2.2	1.5	2.1	2.5	2.1	1.1	1.2
6	1.4	1.9	2.4	2.4	2.6	2.1	1.6	0.5	1.3	1.6	1.6	1.6	1.5	1.3	1.0	2.6	5.0	4.7	6.4	6.2	3.6	1.8	1.1	1.0
7	1.4	1.5	1.2	2.4	3.4	1.8	1.5	1.9	1.1	2.0	3.9	6.0	4.5	5.5	5.9	5.4	5.2	7.6	9.0	9.4	2.7	1.6	2.1	2.1
8	2.1	1.8	2.5	2.3	2.4	2.6	2.2	0.6	0.6	1.4	1.5	1.5	1.6	1.7	1.4	4.0	5.3	4.4	2.4	2.1	2.9	2.1	2.6	1.4
9	1.9	2.3	1.8	2.4	2.6	2.9	2.7	0.6	1.0	1.5	2.0	2.2	2.3	1.2	1.7	1.3	2.2	2.2	5.8	3.0	1.6	2.2	2.2	2.4
10	2.6	2.8	2.5	2.1	1.1	1.7	2.2	0.7	1.1	1.6	1.6	1.7	1.4	1.3	1.7	2.4	4.3	5.2	4.9	4.5	5.5	6.5	4.7	1.3
11	1.2	1.0	0.9	1.3	1.7	2.7	1.1	0.7	1.5	1.7	1.8	1.8	1.6	4.3	6.0	5.2	5.8	5.8	3.1	3.7	3.7	3.1	3.6	2.6
12	1.9	2.5	1.3	1.3	3.1	2.2	1.4	0.6	1.2	1.5	1.2	1.8	1.6	2.6	3.2	2.0	3.1	2.2	0.9	1.5	1.8	1.0	1.6	1.9
13	1.5	1.2	1.5	1.1	0.6	0.5	1.3	0.8	1.6	4.0	7.4	6.8	6.3	6.0	5.7	5.2	4.5	3.0	2.0	0.7	2.2	1.5	1.6	1.3
14	3.0	2.5	1.5	1.8	2.1	2.4	2.5	0.9	2.0	2.0	2.2	1.8	2.3	2.2	1.6	1.2	1.3	2.2	2.7	2.9	2.7	3.0	1.3	1.5
15	2.3	1.9	2.0	1.6	1.7	1.2	0.7	1.3	0.6	1.8	3.7	6.1	6.6	5.9	6.2	5.5	5.3	5.0	5.7	2.9	3.0	1.6	3.4	3.7
16	1.3	0.9	1.6	1.2	1.1	2.1	1.6	0.7	1.2	1.1	1.1	1.0	1.6	1.5	1.5	1.8	3.5	3.1	1.3	0.9	0.9	0.7	1.3	1.2
17	1.8	0.9	1.5	2.0	2.0	2.0	1.6	1.1	1.2	1.1	1.9	2.2	4.0	3.8	3.3	3.5	2.6	1.6	2.7	2.9	2.5	2.7	2.6	2.8
18	2.4	2.7	2.7	2.7	2.3	2.6	2.2	1.5	1.5	1.2	1.5	1.7	1.7	1.8	4.9	5.1	4.3	5.8	6.4	6.4	6.2	2.2	1.8	1.1
19	0.9	2.3	1.0	0.6	1.9	2.1	1.6	1.2	1.4	1.9	2.3	2.7	3.3	3.9	3.7	3.8	3.2	1.6	2.0	1.6	2.8	2.5	2.4	2.0
20	2.8	2.4	2.8	2.9	2.6	2.3	2.3	0.8	0.7	1.3	1.4	1.4	1.8	2.8	4.4	5.3	5.8	5.0	3.0	3.1	2.7	2.6	2.8	1.7
21	3.4	5.4	5.5	4.8	2.9	4.0	3.2	5.2	6.7	6.5	5.7	5.7	6.4	7.0	5.7	5.3	5.4	2.3	2.0	2.3	2.2	1.2	2.4	3.3
22	1.7	1.9	1.3	2.3	1.9	1.6	0.9	1.8	4.8	7.8	8.1	8.2	7.9	7.9	8.7	8.2	7.2	5.7	4.0	3.6	3.2	3.9	3.2	3.0
23	1.8	2.1	2.3	2.2	2.4	2.4	2.6	2.4	2.5	2.6	5.7	4.9	4.6	4.2	3.4	3.2	3.3	1.8	0.5	1.6	2.2	2.7	2.3	2.4
24	2.4	2.1	2.3	2.4	2.7	2.2	2.0	0.8	0.8	1.3	1.6	1.5	1.5	1.3	1.1	1.7	0.9	3.0	4.3	1.7	0.9	1.3	1.1	1.9
25	2.3	2.4	2.4	2.6	2.7	2.9	1.8	0.9	1.0	1.7	1.7	2.1	1.8	1.2	0.9	3.9	4.7	3.3	1.3	1.4	1.1	2.4	2.8	2.9
26	2.8	2.9	2.2	2.2	2.2	2.2	2.3	0.7	1.1	1.0	1.2	1.6	1.9	1.8	1.1	0.9	1.0	2.0	2.4	2.0	2.4	2.0	2.3	1.6
27	1.1	0.6	1.0	1.6	1.9	2.2	1.3	0.8	1.5	1.0	1.5	1.7	1.5	1.5	1.3	0.8	1.8	2.8	2.7	1.9	1.1	0.9	2.1	2.9
28	4.0	4.1	1.6	1.4	2.2	2.4	2.1	1.6	0.7	0.9	1.3	1.3	1.2	1.0	0.8	0.5	1.7	1.0	0.8	1.6	1.0	2.4	2.8	3.7
29	1.5	1.4	2.4	1.6	1.1	2.0	1.8	2.0	1.4	1.1	1.7	0.9	1.7	2.5	1.3	1.7	2.5	3.7	4.1	2.5	1.7	1.7	2.0	2.4
30	2.2	3.1	2.8	2.5	2.8	2.5	2.6	1.4	1.1	1.8	2.0	1.3	1.4	2.9	5.6	5.1	6.3	6.8	8.2	7.2	8.5	8.0	8.1	7.8
31	7.5	9.3	8.9	9.1	10.2	9.6	6.3	3.7	3.6	2.7	3.6	6.5	10.3	10.9	11.0	10.8	12.3	6.2	3.1	7.8	4.7	3.0	2.6	6.4
AVG.	2.4	2.5	2.3	2.3	2.4	2.4	2.0	1.3	1.8	2.3	3.0	3.3	3.5	3.7	3.8	3.8	4.2	3.6	3.4	3.2	2.8	2.5	2.6	2.6

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : October

ELEVATION : 4482 feet

LONGITUDE : 117 degrees 17 minutes 20 seconds

YEAR : 1995

PARAMETER : Mean Horizontal Wind Speed (meters per second)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	3.1	3.6	2.2	2.7	2.5	1.7	0.9	0.5	0.6	0.7	1.2	3.0	1.7	2.4	5.0	4.7	4.9	4.8	4.2	3.7	3.8	2.3	3.4	2.1
2	2.4	2.3	2.2	2.3	2.9	3.9	4.4	4.5	4.1	3.3	2.9	4.0	4.0	3.5	3.6	4.3	4.9	5.0	4.7	2.2	2.2	1.6	1.5	1.8
3	2.3	1.7	0.8	1.0	1.6	1.0	1.8	2.1	1.8	1.9	2.0	4.0	4.0	6.3	5.8	5.6	5.8	6.6	7.7	11.7	10.2	9.8	9.6	10.0
4	8.6	8.4	7.9	7.3	7.2	7.5	6.7	6.2	5.2	5.6	6.3	8.3	7.3	7.1	5.2	6.1	5.3	5.5	5.6	6.4	5.8	5.9	5.0	3.1
5	4.3	5.1	4.2	3.6	4.4	4.4	3.8	3.8	2.8	3.5	4.4	4.7	5.2	3.9	3.3	2.6	2.4	4.5	3.7	3.6	2.8	1.8	1.6	1.9
6	2.0	2.3	1.0	0.8	1.2	1.1	1.2	1.0	1.3	1.2	1.3	1.6	1.6	2.1	3.3	5.9	7.3	7.0	8.1	8.2	7.8	9.3	9.1	7.9
7	7.7	8.3	8.8	8.9	7.8	7.7	7.6	6.8	5.8	4.2	3.9	4.7	5.3	5.5	6.2	7.7	8.4	7.8	7.5	6.8	7.2	7.6	4.5	1.6
8	3.5	3.6	2.9	3.2	2.6	2.5	2.3	0.9	0.6	1.4	1.8	1.8	3.2	2.4	2.7	3.0	3.2	6.2	3.8	7.0	5.9	5.2	7.1	6.9
9	6.4	6.2	6.3	4.6	3.4	4.2	3.2	3.3	2.6	0.9	1.1	1.8	1.6	1.6	1.3	3.6	4.1	3.3	3.5	1.0	0.8	2.3	2.8	3.0
10	2.6	2.1	1.9	1.7	2.5	2.0	1.9	1.5	1.3	1.7	2.9	3.5	2.3	2.5	2.9	2.2	2.9	2.4	4.5	5.1	3.6	4.2	4.1	3.7
11	4.6	5.3	5.0	3.7	3.3	2.8	2.8	3.3	2.3	1.5	3.0	5.2	9.1	9.5	8.6	8.4	9.5	7.5	8.2	8.9	6.2	5.5	3.4	4.6
12	6.7	5.6	2.8	2.5	3.0	4.7	6.7	4.0	3.3	3.0	2.0	1.4	2.3	2.5	2.5	2.0	2.1	4.2	4.2	3.5	3.1	2.6	3.5	4.3
13	4.1	4.9	4.9	5.3	6.0	5.2	4.3	4.8	5.1	5.0	4.4	4.7	5.0	5.2	4.6	4.7	4.5	4.2	4.2	3.9	3.9	3.9	4.6	4.7
14	5.1	4.2	4.4	4.1	4.3	3.0	3.3	3.4	4.3	2.8	2.4	2.5	2.5	3.2	3.8	4.7	5.3	5.1	4.7	5.4	5.2	4.2	5.6	5.7
15	5.5	5.1	5.1	5.4	6.1	6.2	5.9	4.8	4.8	6.2	7.9	10.0	10.0	10.7	10.9	11.4	11.7	7.7	7.6	7.4	6.7	7.8	4.5	4.4
16	4.6	6.5	7.3	3.9	4.7	4.6	3.8	3.0	1.7	1.2	1.2	2.0	3.3	3.7	3.7	2.9	2.4	3.0	4.2	5.8	4.6	4.3	2.9	2.7
17	2.5	2.6	2.7	3.6	4.5	5.3	5.5	5.4	4.9	4.2	4.4	4.8	4.5	3.9	3.2	3.2	4.5	4.4	1.8	1.9	2.8	3.0	3.5	1.7
18	0.8	1.0	1.0	0.7	2.0	2.6	2.8	5.1	4.9	2.0	2.1	2.3	2.3	1.5	2.1	1.7	2.3	2.3	4.4	6.0	4.8	4.8	2.7	1.4
19	2.9	2.9	3.1	3.9	4.3	3.9	2.5	2.3	2.5	2.1	4.3	3.3	2.7	3.5	3.6	3.0	3.2	2.7	2.3	2.8	2.7	2.0	2.0	2.8
20	5.1	4.1	3.1	3.6	2.4	2.6	1.7	1.5	1.0	1.5	1.2	1.3	1.4	2.3	3.0	2.1	2.1	4.2	5.6	6.1	5.9	7.2	7.0	6.4
21	6.6	7.3	7.9	7.0	6.6	6.4	7.3	7.2	8.2	6.4	6.6	7.7	5.8	5.5	7.5	8.4	8.6	9.1	11.4	10.1	11.8	12.0	11.7	8.3
22	7.4	7.3	7.2	8.2	6.5	5.2	5.0	7.7	9.4	9.4	9.9	9.4	8.6	7.0	6.7	5.2	4.8	4.1	2.7	3.0	3.7	5.8	4.7	4.2
23	3.3	2.4	3.0	3.4	3.0	3.8	3.8	4.1	4.1	4.3	3.7	3.6	2.8	3.2	3.6	3.9	6.1	6.0	5.2	2.9	2.4	1.8	2.0	2.1
24	2.0	2.4	2.0	2.5	2.0	2.1	1.3	1.0	0.6	1.1	1.0	2.2	2.5	1.8	2.5	2.2	1.8	2.1	2.7	2.9	4.0	4.5	3.1	2.0
25	2.8	2.8	3.4	2.4	2.2	2.2	2.2	1.6	0.9	1.2	1.5	1.5	1.8	2.9	1.9	1.6	3.9	4.4	2.2	6.0	6.0	3.5	3.2	4.1
26	3.8	3.4	3.3	3.0	2.9	1.7	2.1	1.8	2.5	1.1	1.2	1.0	2.7	3.4	1.9	2.3	2.9	3.5	2.7	3.0	2.6	2.1	3.4	3.3
27	2.7	2.9	3.5	3.3	2.8	2.6	2.2	1.9	1.0	0.9	1.2	1.8	1.4	2.1	1.9	1.9	2.5	3.4	4.4	6.1	4.6	5.4	7.3	6.5
28	3.4	2.4	0.9	0.9	1.4	1.3	2.3	3.8	4.0	2.6	1.9	2.3	1.7	2.2	2.8	4.7	5.3	7.1	6.6	6.2	6.6	6.1	6.7	2.3
29	5.4	6.1	3.5	3.9	2.3	4.1	5.7	8.0	5.7	2.3	1.2	1.2	1.4	1.3	1.6	0.9	2.4	2.5	2.7	3.0	2.4	1.1	0.9	1.1
30	1.1	1.3	2.4	2.1	3.3	1.9	1.7	1.6	2.3	1.8	2.0	2.1	1.7	2.1	2.8	2.3	2.5	5.9	7.4	7.3	7.5	7.8	8.3	8.3
31	8.3	8.3	8.4	9.5	8.4	5.6	4.3	8.1	7.5	6.1	5.9	7.4	6.8	8.1	8.2	8.6	9.4	9.6	10.0	10.6	10.4	11.1	11.5	11.5
AVG.	4.2	4.3	4.0	3.8	3.8	3.7	3.6	3.7	3.5	2.9	3.1	3.7	3.8	4.0	4.1	4.3	4.7	5.0	5.1	5.4	5.1	5.0	4.9	4.3

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : October

ELEVATION : 4120 feet

LONGITUDE : 117 degrees 33 minutes 54 seconds

YEAR : 1995

PARAMETER : Mean Horizontal Wind Speed (meters per second)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	3.7	4.0	5.0	5.3	4.1	2.8	2.2	1.5	1.2	1.7	2.5	2.5	2.5	2.5	1.9	2.4	2.1	1.8	1.9	2.0	2.0	3.3	3.5	3.1
2	1.9	1.9	2.5	2.7	2.8	3.0	2.9	4.3	6.2	6.1	5.0	4.5	3.5	3.2	2.6	2.7	2.7	2.1	2.0	3.5	4.1	4.3	3.2	1.4
3	1.2	1.0	1.1	2.5	2.8	2.6	2.8	2.5	2.4	2.8	3.9	6.5	8.7	11.2	12.9	14.5	15.0	13.4	14.8	16.1	16.1	15.2	15.2	16.7
4	15.6	14.0	12.4	10.5	8.0	6.7	5.6	3.2	6.6	8.8	9.1	8.3	8.4	8.0	7.6	7.8	7.2	9.1	10.3	9.6	7.6	7.7	8.7	9.4
5	11.0	11.8	9.1	7.3	7.3	8.4	7.8	7.8	8.2	9.1	8.9	7.3	7.3	6.9	6.0	5.1	4.8	5.3	5.0	4.2	4.1	5.2	3.8	3.7
6	4.6	4.0	3.3	3.3	3.2	3.8	2.6	1.9	1.6	1.2	2.3	2.3	2.8	2.1	1.2	1.9	1.9	2.3	3.8	5.5	4.1	3.8	5.5	5.4
7	3.1	1.9	1.9	3.6	5.1	3.3	3.6	2.9	2.4	2.5	2.4	2.8	2.6	2.6	2.5	3.3	4.7	6.5	5.8	6.8	6.9	6.8	7.5	7.0
8	7.5	7.1	6.8	6.6	5.4	5.1	3.9	1.8	0.7	1.3	2.0	2.0	1.8	2.1	2.4	2.3	4.0	5.2	8.4	9.1	8.2	8.3	8.9	8.8
9	9.1	9.2	9.1	8.4	6.9	7.0	6.1	5.1	3.5	1.9	1.6	2.1	1.6	1.8	1.5	1.9	1.9	2.2	2.8	3.1	5.9	5.7	5.3	3.9
10	2.9	2.3	2.2	1.0	1.8	2.6	2.4	2.6	1.7	2.2	3.8	3.7	3.6	2.2	1.8	2.4	2.9	2.8	3.6	5.8	6.2	6.3	4.7	1.6
11	3.1	4.9	3.9	4.4	4.6	4.9	4.6	2.1	1.8	1.9	2.4	3.2	6.7	7.0	5.7	9.1	10.4	7.3	5.8	6.1	8.7	9.9	10.3	9.1
12	8.2	6.0	5.7	6.3	5.9	6.1	7.5	6.5	6.4	4.4	2.9	2.9	3.3	2.7	3.1	2.9	3.3	3.9	2.7	3.8	3.1	1.9	2.4	2.2
13	2.9	5.1	7.9	9.6	10.2	9.9	9.1	8.6	7.0	8.2	8.8	8.6	8.1	8.2	7.5	7.6	7.6	8.0	7.9	8.6	9.1	8.0	7.5	5.8
14	6.4	6.9	5.6	5.8	6.2	5.8	5.8	5.5	6.0	7.4	7.4	7.0	6.2	5.1	4.0	3.5	4.4	4.9	5.5	5.4	5.1	6.0	5.8	6.0
15	5.6	5.6	5.0	4.3	4.0	3.5	3.2	3.0	1.6	1.9	4.0	4.2	6.6	8.3	13.6	10.4	9.5	9.0	6.4	6.1	7.7	6.8	7.2	7.6
16	8.1	9.5	9.5	9.6	9.6	9.2	8.1	6.1	4.1	3.2	3.4	2.4	2.0	2.7	2.6	2.6	3.3	5.1	7.5	7.4	7.6	6.9	6.1	4.8
17	3.3	3.5	3.6	3.8	3.7	3.1	3.6	3.7	4.4	3.7	4.9	5.5	4.2	3.6	3.4	3.0	2.7	3.2	3.7	2.8	3.4	4.2	3.2	2.2
18	1.3	1.2	2.2	2.4	3.4	3.2	3.7	2.6	1.7	1.7	1.3	1.5	2.3	2.7	3.1	2.3	2.4	3.2	5.3	6.4	6.1	5.3	3.8	5.2
19	5.8	5.3	4.7	4.1	3.1	1.7	1.2	2.1	3.6	3.9	5.1	5.0	6.7	6.8	6.4	6.8	6.5	5.7	6.0	6.6	6.9	8.9	7.8	5.6
20	4.1	2.8	2.4	2.3	0.7	0.6	2.4	3.4	2.8	1.9	1.9	2.2	3.1	3.4	5.0	5.1	5.5	7.6	8.7	9.4	9.2	9.6	10.3	10.6
21	10.5	11.4	11.9	12.5	13.5	10.7	10.3	9.8	10.5	9.7	10.4	11.9	13.6	14.9	15.6	14.9	14.3	13.9	15.5	15.8	18.0	17.9	18.2	15.6
22	15.1	14.2	13.1	8.7	6.8	5.5	5.4	7.5	7.8	7.0	6.8	7.2	6.4	6.2	6.5	7.3	9.3	9.1	9.2	6.8	5.9	6.8	7.1	5.5
23	6.1	6.5	6.5	6.9	7.5	7.1	7.3	6.2	6.4	6.0	5.3	4.1	4.3	3.8	3.0	2.9	3.1	3.3	4.8	4.3	4.3	3.9	3.6	3.1
24	2.4	2.1	2.8	2.3	3.8	4.0	2.2	1.3	1.6	1.4	1.8	2.1	1.7	1.4	1.7	2.2	1.7	1.6	1.4	2.4	2.5	3.2	3.2	4.1
25	4.8	4.9	5.1	5.1	3.0	3.9	3.9	3.8	3.2	3.1	3.3	2.7	3.5	3.7	2.9	2.9	2.5	2.7	7.2	8.1	7.0	6.6	6.9	5.8
26	3.7	5.4	5.9	4.0	2.6	2.2	2.4	2.1	2.1	2.2	2.0	1.6	2.0	1.7	2.6	2.9	3.7	4.9	5.8	5.4	4.9	5.5	7.1	8.5
27	8.7	8.4	7.6	6.4	4.6	5.6	3.8	1.6	1.1	1.3	2.5	3.0	4.1	4.6	3.2	3.7	4.0	3.8	5.0	5.0	4.6	3.9	4.8	5.5
28	7.0	7.5	6.9	5.0	4.1	3.8	5.1	3.9	1.6	2.8	2.1	1.7	2.0	2.4	1.8	0.8	1.6	2.4	4.4	4.2	3.6	2.4	2.6	3.1
29	3.8	2.9	3.1	2.9	1.6	2.7	2.4	4.4	7.0	3.3	2.6	2.6	1.6	1.8	2.1	2.0	1.8	1.2	0.5	2.6	3.5	2.7	2.0	2.8
30	2.6	1.9	2.5	2.3	2.7	3.6	2.9	2.7	1.2	1.4	3.0	1.8	1.8	2.0	1.5	1.8	5.4	5.9	7.5	6.9	6.4	6.5	5.4	4.9
31	4.7	5.5	5.0	8.0	8.7	10.5	10.1	6.9	6.3	6.4	7.2	7.4	8.8	8.2	10.1	9.1	8.9	5.7	8.3	8.4	6.3	6.8	3.8	6.7
AVG.	5.8	5.8	5.6	5.4	5.1	4.9	4.7	4.1	4.0	3.9	4.2	4.2	4.6	4.6	4.7	4.8	5.1	5.3	6.0	6.4	6.4	6.5	6.3	6.0

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Quartzite Mountain

ELEVATION : 4482 feet

PARAMETER : Wind Direction

LATITUDE : 34 degrees 36 minutes 38 seconds

LONGITUDE : 117 degrees 17 minutes 20 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	282	268	265	288	287	216	211	317	77	10	59	2	70	33	343	339	342	353	13	53	51	75	43	68
2	56	79	74	75	60	44	36	42	53	55	61	48	47	53	48	38	38	33	52	77	93	102	102	76
3	56	58	38	192	229	248	242	258	193	193	221	207	228	212	222	225	239	259	226	221	215	217	216	216
4	218	230	232	244	276	293	322	5	46	62	56	44	52	49	59	56	62	66	68	68	71	70	77	84
5	74	75	76	79	75	73	80	67	90	78	69	63	55	56	62	71	57	33	58	63	82	113	137	88
6	78	59	44	125	107	95	98	88	56	53	192	184	290	323	182	185	185	185	184	185	184	184	188	191
7	188	187	187	192	197	195	188	188	189	191	189	185	187	190	187	185	185	183	189	186	188	190	191	270
8	308	308	266	254	270	274	258	242	292	3	347	196	166	178	201	185	198	190	245	296	278	237	213	206
9	217	217	215	219	217	219	223	253	301	356	177	180	202	193	332	341	5	36	193	212	47	349	324	353
10	21	4	20	39	33	60	85	114	131	134	160	173	172	183	197	302	225	183	187	200	225	181	165	179
11	184	182	185	219	322	325	25	49	36	146	176	186	186	184	184	186	187	186	183	184	190	209	284	275
12	298	290	273	268	262	291	302	264	242	226	294	319	333	323	315	309	324	359	15	3	15	50	51	54
13	37	46	56	56	61	61	68	66	73	72	71	66	68	69	71	72	73	77	77	80	80	83	69	67
14	66	72	68	71	71	85	88	85	63	69	59	163	169	178	175	174	161	146	139	138	139	124	129	144
15	160	171	171	169	169	172	177	180	182	182	184	185	186	186	186	184	184	184	183	185	189	199	198	196
16	265	227	205	232	245	246	250	262	242	256	260	315	340	342	341	334	333	337	318	298	281	271	275	275
17	317	337	348	9	20	26	46	52	61	61	47	53	52	58	58	43	49	54	109	131	132	124	150	99
18	52	95	147	73	147	142	138	144	154	165	178	181	217	284	238	213	200	203	177	183	177	177	168	29
19	33	41	30	23	21	57	73	78	65	38	30	71	74	154	148	138	113	124	132	150	147	123	125	145
20	130	140	176	187	197	207	233	217	224	206	320	332	247	226	216	235	232	205	214	217	212	219	217	216
21	216	214	212	211	215	230	219	218	217	218	218	212	224	241	222	218	218	218	216	215	216	218	225	220
22	238	251	250	287	296	323	11	36	44	42	40	45	43	50	49	66	65	73	81	75	72	61	67	74
23	87	87	80	78	91	87	73	71	62	59	69	58	54	35	49	48	28	33	51	73	84	99	52	25
24	16	8	10	352	353	6	349	360	31	71	159	7	343	337	337	328	317	214	189	189	199	200	195	207
25	292	303	277	224	233	228	202	208	191	218	289	313	315	338	323	315	341	350	320	298	306	281	250	265
26	234	254	288	283	293	246	267	299	339	144	188	147	350	340	331	323	315	312	283	238	203	200	213	223
27	242	231	221	284	288	267	224	174	102	107	135	104	78	125	156	98	78	132	180	166	179	179	178	186
28	186	210	212	153	158	110	109	126	156	161	163	184	221	206	195	183	185	187	186	192	198	194	193	243
29	205	46	68	53	96	164	178	175	133	155	186	311	322	14	188	185	350	351	356	358	22	42	93	12
30	340	15	6	42	33	98	112	123	145	126	171	181	337	325	333	332	218	198	186	183	184	183	180	179
31	180	178	181	182	195	237	173	175	179	182	186	185	184	183	187	185	190	184	189	190	188	186	183	186

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : October

ELEVATION : 4120 feet

LONGITUDE : 117 degrees 33 minutes 54 seconds

YEAR : 1995

PARAMETER : Wind Direction

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	288	281	271	271	302	343	7	26	94	28	55	58	57	30	21	34	38	53	33	22	28	12	14	15
2	40	46	63	78	82	60	48	48	51	52	52	56	55	59	50	55	59	63	69	74	100	99	115	135
3	66	182	244	241	248	270	282	275	229	240	261	263	266	266	271	276	274	272	266	262	264	269	269	271
4	271	269	265	267	266	273	297	24	49	54	55	55	52	53	57	55	51	56	57	59	68	69	69	65
5	58	56	60	64	70	79	71	70	69	68	64	58	57	62	60	56	63	58	63	70	71	58	67	74
6	93	81	86	77	63	97	125	117	105	63	63	69	53	56	324	153	212	304	278	262	275	326	292	267
7	248	158	46	301	276	250	254	251	234	272	268	263	247	257	257	265	283	271	255	256	257	264	278	274
8	253	253	266	272	279	276	273	297	76	337	20	76	102	124	316	284	286	280	277	284	274	260	262	258
9	265	265	265	268	266	266	287	282	267	244	217	98	65	35	24	5	19	25	346	304	279	278	288	294
10	291	287	326	1	32	64	65	92	82	64	98	90	104	94	143	121	102	110	276	279	280	268	254	270
11	286	280	288	306	286	284	293	288	111	137	147	135	155	223	244	173	169	186	197	247	278	280	273	276
12	271	260	272	267	280	285	290	275	257	242	242	258	268	293	294	290	318	328	329	345	338	8	46	38
13	42	49	52	55	53	52	50	51	55	56	55	54	55	53	58	58	55	60	54	52	56	61	63	65
14	64	61	63	63	62	63	66	67	68	62	56	54	55	60	55	54	50	64	83	86	114	123	138	140
15	153	159	164	173	172	201	304	337	16	30	179	230	275	240	215	220	242	267	270	281	272	278	271	264
16	262	246	256	264	261	267	272	270	255	259	277	305	330	328	322	297	285	289	289	280	271	261	256	260
17	299	8	6	7	7	32	38	46	54	55	54	50	50	51	57	68	53	57	61	64	89	120	178	243
18	256	236	225	231	220	237	220	183	59	42	84	47	351	294	332	341	302	314	272	281	284	283	272	276
19	279	287	296	274	260	243	52	68	54	54	52	58	53	57	53	54	62	68	71	79	87	106	127	138
20	158	166	160	167	124	114	238	243	256	262	246	247	259	275	270	266	267	260	258	263	261	258	259	258
21	249	247	252	265	272	264	249	260	256	252	257	265	274	273	267	267	267	259	266	269	264	255	265	270
22	268	265	264	77	273	310	15	59	50	51	51	52	49	51	49	51	56	58	60	75	79	74	60	67
23	70	74	71	76	83	92	80	68	55	54	54	51	59	60	53	50	58	71	62	77	69	65	63	57
24	51	33	8	350	6	6	356	30	54	53	49	49	11	40	294	237	321	169	207	246	237	266	278	284
25	280	273	278	279	288	309	299	250	229	272	302	322	284	291	293	269	303	320	283	291	281	261	264	267
26	285	305	281	284	300	308	310	316	20	212	242	328	25	12	288	285	291	277	255	246	257	277	256	254
27	261	266	272	283	348	341	333	2	82	60	55	75	64	57	57	57	63	75	90	106	172	244	278	290
28	290	289	289	274	230	153	125	93	63	59	70	31	353	338	11	30	77	254	300	290	291	279	197	191
29	206	170	27	36	119	104	73	127	115	235	124	20	48	55	29	45	51	48	21	298	290	320	314	310
30	317	18	24	36	49	100	87	120	98	48	128	125	44	50	40	292	274	258	260	259	257	262	249	226
31	215	187	256	271	268	256	247	224	219	243	264	262	263	267	270	255	274	240	246	255	244	230	248	262

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : October

ELEVATION : 4250 feet

LONGITUDE : 117 degrees 26 minutes 33 seconds

YEAR : 1995

PARAMETER : Peak Wind Gust (meters per second)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	4.9	5.2	4.7	4.2	3.3	2.0	1.4	3.8	4.2	5.2	6.8	6.1	7.0	8.1	6.5	6.6	8.6	3.6	2.5	2.5	3.1	3.6	4.0	4.1	8.6
2	3.6	3.7	4.0	4.0	3.9	3.9	3.6	3.7	5.2	6.0	6.6	8.2	7.8	10.4	6.8	7.0	6.3	3.6	3.5	2.9	1.9	1.8	1.6	2.1	10.4
3	2.5	2.5	1.8	1.4	2.0	2.1	1.2	2.3	2.7	5.6	6.8	7.7	8.4	10.3	12.0	10.9	9.9	10.8	9.3	10.4	10.4	11.3	11.0	10.4	12.0
4	9.9	7.9	9.1	6.4	9.2	8.3	10.0	8.9	9.7	8.9	10.0	9.5	9.2	9.3	7.9	8.5	6.5	5.9	4.3	3.7	4.4	6.3	4.4	4.8	10.0
5	3.9	5.1	5.4	5.5	5.1	5.3	5.4	6.7	7.9	8.1	9.1	8.5	8.8	7.6	6.8	5.7	5.2	3.2	3.7	3.6	3.8	4.2	4.2	3.2	9.1
6	3.3	3.1	3.0	2.4	1.9	1.7	2.2	2.3	3.4	4.7	5.1	9.8	10.4	10.9	11.4	11.5	9.8	8.2	6.7	7.2	8.7	9.8	9.1	9.1	11.5
7	9.9	11.9	11.2	9.8	10.4	9.5	9.9	10.3	10.9	10.4	10.1	9.9	10.7	11.8	11.8	11.4	11.7	11.2	9.9	9.3	9.4	10.2	9.4	9.4	11.9
8	7.6	6.7	5.1	2.0	1.7	1.7	2.4	1.7	2.7	4.9	4.8	5.3	7.8	8.4	8.1	7.7	8.4	7.6	6.5	6.7	6.0	5.5	5.4	5.4	8.4
9	5.9	4.5	3.6	3.4	2.7	2.7	1.5	3.3	4.8	4.2	5.0	7.1	7.4	8.5	6.7	7.3	6.7	7.1	6.4	5.6	5.6	5.0	3.1	1.9	8.5
10	1.7	1.9	1.3	1.2	1.3	1.5	1.9	2.0	4.4	6.5	6.7	8.4	9.5	8.6	9.5	8.0	7.6	5.9	6.0	6.5	7.1	6.1	7.2	6.4	9.5
11	6.2	6.2	3.3	3.7	2.9	3.4	1.5	3.2	4.5	9.1	10.6	12.4	12.2	10.1	10.1	11.4	7.9	8.4	9.0	9.1	8.4	9.6	9.1	7.0	12.4
12	4.5	4.5	4.2	3.0	2.4	3.0	2.9	4.2	3.0	4.4	5.3	6.2	6.5	6.6	6.9	6.1	6.2	5.1	4.6	4.4	4.4	5.0	4.7	4.4	6.9
13	4.4	4.5	4.9	5.5	6.2	5.0	6.1	5.8	6.6	9.7	8.8	10.9	9.4	9.4	8.7	8.0	6.3	4.7	6.2	5.2	4.9	4.4	3.8	4.6	10.9
14	3.8	3.3	3.2	4.3	3.3	3.1	4.2	4.2	5.6	7.1	6.6	6.2	6.2	9.7	9.4	9.6	7.3	3.6	4.8	4.2	2.2	4.6	5.2	5.1	9.7
15	3.8	3.8	4.1	3.8	4.5	5.6	4.9	5.9	8.7	11.0	11.3	12.5	12.5	14.1	14.7	13.8	12.6	8.5	8.0	6.8	7.6	9.5	10.0	8.4	14.7
16	7.3	7.3	5.6	6.8	3.1	2.7	4.2	4.8	5.8	5.6	6.7	8.9	6.6	6.7	5.7	5.9	5.3	4.8	4.6	5.0	5.0	5.7	4.0	2.2	8.9
17	2.5	2.0	3.6	3.9	4.2	4.2	4.5	4.9	6.2	7.6	8.2	7.8	8.2	7.0	7.1	6.4	5.5	4.3	4.4	4.4	4.3	3.3	2.4	2.6	8.2
18	2.9	2.6	2.5	0.7	2.1	2.5	1.2	4.2	7.3	9.1	8.4	7.4	8.3	9.2	9.2	8.8	8.5	9.4	10.2	8.8	8.0	7.6	7.6	6.3	10.2
19	5.4	2.1	2.2	2.4	2.4	1.3	2.3	3.5	5.0	6.2	9.0	8.9	7.7	7.9	8.2	7.8	7.7	4.3	4.0	4.8	5.7	5.2	4.4	5.3	9.0
20	6.5	4.7	3.6	4.1	2.5	0.9	2.1	3.1	3.3	3.8	5.4	5.4	7.1	6.7	7.1	7.6	8.4	8.3	8.0	8.1	8.4	7.4	6.2	6.1	8.4
21	6.5	6.8	7.7	9.3	8.3	7.1	7.7	9.1	9.5	9.1	9.7	10.1	12.4	11.7	12.2	12.6	12.7	11.9	12.3	11.6	9.5	10.1	11.2	10.2	12.7
22	9.4	8.8	6.8	4.0	8.3	9.8	7.6	9.8	10.1	10.8	12.0	11.3	11.4	10.1	10.6	9.2	8.4	4.9	3.8	4.2	4.1	4.6	4.5	4.0	12.0
23	4.2	4.0	4.2	3.8	4.6	4.0	5.1	5.3	6.7	7.1	8.0	7.9	6.7	9.6	6.6	5.8	4.9	3.5	3.2	3.5	3.2	2.5	2.3	2.7	9.6
24	3.0	3.3	3.6	4.2	3.4	3.0	2.0	3.4	4.8	5.0	5.8	5.3	5.4	4.7	4.4	4.3	3.2	5.1	5.3	5.7	6.5	5.6	3.2	3.2	6.5
25	3.3	3.5	4.3	4.1	2.7	2.5	1.1	2.8	2.7	3.7	4.4	4.5	5.1	6.1	6.3	6.7	6.6	6.9	6.2	6.6	5.7	4.6	3.7	2.3	6.9
26	2.2	1.8	4.8	4.9	5.0	4.5	3.5	3.5	4.1	4.1	5.9	4.8	5.5	5.8	6.1	4.4	3.0	4.8	5.0	3.6	3.6	5.3	4.0	4.0	6.1
27	3.9	2.0	2.2	2.0	1.7	1.9	1.2	1.7	2.6	4.2	5.4	5.8	6.5	6.2	6.9	6.8	6.1	6.7	7.4	7.9	9.3	8.2	7.2	7.1	9.3
28	6.7	7.3	6.1	6.0	4.8	4.7	5.2	6.9	8.4	8.8	8.7	9.8	9.9	9.9	10.8	8.8	8.5	9.2	9.5	9.8	10.1	11.9	11.5	8.3	11.9
29	7.0	3.1	4.1	4.0	7.2	10.8	12.4	11.1	9.8	8.7	5.2	4.6	4.5	5.9	6.4	5.3	4.8	6.4	6.3	5.7	3.1	3.7	3.9	3.7	12.4
30	3.9	4.3	3.4	3.2	4.5	4.1	3.8	2.5	4.7	4.5	4.9	8.2	9.2	9.2	9.0	8.6	8.9	10.3	9.3	10.3	11.8	11.2	12.2	9.9	12.2
31	10.4	10.1	10.6	12.5	13.0	13.4	11.7	11.5	12.6	13.2	13.3	14.4	14.3	13.9	15.8	15.7	14.7	15.8	15.7	17.3	16.9	16.8	17.3	16.3	17.3

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Boron

ELEVATION : 2460 feet

PARAMETER : Peak Wind Gust (meters per second)

LATITUDE : 35 degrees 01 minutes 00 seconds

LONGITUDE : 117 degrees 39 minutes 00 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	1.9	1.1	1.3	1.1	1.6	2.2	2.4	1.3	2.5	2.6	2.8	5.7	6.9	5.7	4.0	3.5	3.5	1.3	1.6	5.3	2.1	1.6	1.6	1.0	6.9
2	1.2	1.7	1.8	1.3	2.8	2.4	2.0	1.5	2.0	4.8	5.4	5.7	6.9	6.4	6.2	4.7	3.3	2.9	2.1	2.0	2.9	2.4	1.8	1.6	6.9
3	1.6	1.3	1.2	1.0	1.3	0.9	1.3	1.0	2.5	3.6	5.2	7.4	9.9	12.4	13.3	15.0	15.4	14.6	11.1	12.0	11.3	11.6	10.3	15.0	15.4
4	11.7	9.0	8.8	7.1	6.4	3.3	2.7	3.5	5.2	6.7	8.1	7.8	10.6	10.2	8.4	8.6	10.0	7.8	4.9	3.9	5.4	5.4	4.4	3.5	11.7
5	3.9	3.0	2.9	2.4	3.4	3.5	3.7	6.6	9.3	9.2	10.6	9.5	9.7	9.7	7.9	7.3	6.7	4.1	2.1	2.2	1.9	2.2	1.8	1.9	10.6
6	1.6	1.2	1.0	0.9	1.0	1.2	0.8	1.9	2.5	2.2	4.3	4.2	4.3	4.8	3.5	5.3	4.8	2.9	4.6	4.6	5.7	5.1	3.7	2.5	5.7
7	7.1	7.3	7.2	6.4	5.3	4.5	3.4	7.0	5.2	5.2	5.5	5.9	6.2	5.6	5.0	5.7	7.9	7.9	8.5	8.9	9.2	8.6	8.4	7.3	9.2
8	5.4	2.5	2.7	2.2	2.0	2.0	2.1	2.6	2.1	3.4	2.5	2.6	4.0	3.7	4.2	4.7	4.1	3.2	5.6	5.4	5.0	6.3	7.2	7.2	7.2
9	7.0	5.2	3.7	3.2	3.1	2.0	3.2	2.9	1.8	2.3	3.1	2.9	4.2	5.2	2.6	3.1	3.4	2.2	2.1	2.4	2.1	1.8	1.3	1.9	7.0
10	1.1	1.8	1.9	1.7	2.0	1.6	1.2	2.4	2.8	2.8	2.1	6.2	6.8	6.7	5.0	3.8	4.4	1.6	5.4	3.2	3.0	2.3	2.1	3.6	6.8
11	2.9	2.6	2.6	2.6	1.9	2.1	2.4	4.6	4.7	3.7	2.5	3.0	3.7	5.8	7.1	7.6	7.6	9.1	5.6	5.0	4.8	5.9	4.5	2.7	9.1
12	3.8	3.6	2.8	2.8	2.8	4.0	4.7	8.0	8.3	7.3	5.1	5.3	5.8	5.1	5.5	2.7	1.2	0.9	1.7	1.8	1.5	1.5	2.0	3.0	8.3
13	1.5	2.0	1.2	1.7	1.7	1.9	2.1	3.0	7.2	7.6	10.4	10.0	10.9	10.4	9.3	8.3	8.3	4.3	3.2	3.2	2.8	3.1	3.7	3.1	10.9
14	3.0	2.5	1.3	1.5	1.6	1.0	1.1	1.3	1.8	4.8	5.7	7.4	6.9	7.3	6.3	5.9	5.4	4.2	2.7	2.9	2.9	3.3	3.1	2.6	7.4
15	1.7	2.0	3.0	2.4	1.1	1.0	1.9	1.4	2.7	2.1	4.4	7.3	8.4	9.5	12.8	13.7	11.5	9.6	7.4	6.6	5.4	6.8	8.9	8.9	13.7
16	7.8	7.3	7.6	6.2	6.5	6.4	5.1	5.9	5.5	5.5	4.2	4.4	4.8	4.3	4.1	4.1	3.7	4.8	5.5	6.0	5.5	3.8	2.4	1.4	7.8
17	1.8	2.0	1.5	1.7	1.8	1.5	1.7	1.1	1.6	3.2	2.8	2.7	5.6	7.6	7.3	6.2	4.9	1.8	1.4	1.5	1.5	1.9	1.5	1.1	7.6
18	0.7	1.1	1.9	2.1	2.1	2.2	2.7	2.5	2.5	2.5	2.8	3.0	3.1	3.8	3.6	3.8	3.7	4.9	5.3	6.1	5.1	2.5	2.4	5.6	6.1
19	1.9	2.2	2.5	2.2	1.9	1.8	2.2	2.5	2.4	4.7	7.3	8.1	9.3	9.1	8.5	8.5	7.4	3.4	2.5	2.5	1.9	1.9	2.1	2.3	9.3
20	1.3	0.8	1.2	1.2	1.0	1.3	1.4	1.3	2.4	2.9	2.6	2.4	4.5	4.9	5.6	5.5	5.5	5.2	7.1	7.6	8.6	8.3	8.0	9.9	9.9
21	8.9	8.8	8.5	9.2	9.4	9.0	9.1	10.3	10.2	10.6	11.5	15.6	13.2	13.3	15.4	14.7	13.7	12.6	13.2	17.0	15.5	14.9	12.4	12.4	17.0
22	12.3	8.5	6.3	9.5	2.2	6.4	4.4	4.4	8.7	10.7	10.2	13.4	9.6	10.9	9.6	9.5	7.7	5.8	3.1	3.8	4.0	3.5	3.7	5.6	13.4
23	4.0	2.9	3.4	3.3	3.2	3.7	3.6	4.2	5.4	7.8	8.8	7.9	6.8	6.1	4.3	3.7	3.8	2.5	3.1	3.2	2.5	1.5	2.7	1.1	8.8
24	1.6	2.1	2.4	1.5	1.7	1.3	1.0	1.7	2.3	2.2	2.2	3.3	3.3	2.9	3.1	2.6	2.3	1.8	1.5	1.3	1.6	2.2	2.1	1.9	3.3
25	1.9	1.6	2.0	1.6	2.0	2.0	2.2	2.9	3.0	1.9	3.8	4.2	4.4	3.7	4.6	3.3	3.3	2.3	2.8	3.1	3.5	2.3	4.0	2.4	4.6
26	3.2	1.7	1.3	1.9	1.9	2.1	1.3	2.0	2.4	4.1	5.2	4.1	2.7	3.3	5.0	4.4	3.1	2.2	2.3	2.1	2.2	2.1	2.6	3.0	5.2
27	2.1	1.9	1.8	1.9	1.7	1.6	2.0	1.5	1.3	2.1	3.5	5.5	6.2	6.7	5.3	5.8	5.1	2.2	2.5	2.2	2.5	1.9	1.5	1.3	6.7
28	1.7	1.2	1.4	1.6	2.3	2.4	2.5	1.8	2.1	1.9	2.6	5.0	4.5	4.2	3.3	2.6	2.6	2.9	2.7	2.8	3.4	3.4	2.8	3.7	5.0
29	4.3	2.9	1.9	2.6	1.5	1.8	2.0	2.2	2.2	5.8	5.2	4.1	4.1	4.9	4.7	6.0	4.8	3.0	2.5	1.9	2.2	2.0	2.1	2.0	6.0
30	2.2	1.5	1.3	1.9	1.8	2.7	2.4	2.2	3.3	1.6	2.3	3.2	2.8	4.7	4.3	2.7	4.1	6.6	8.6	7.8	7.6	8.5	9.1	7.3	9.1
31	4.9	6.0	5.2	9.4	9.5	9.5	8.7	8.1	5.5	7.6	10.9	9.8	10.8	12.7	13.8	13.9	11.0	10.8	11.1	10.9	8.8	8.6	8.1	8.9	13.9

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Catalina Airport

ELEVATION : 1602 feet

PARAMETER : Peak Wind Gust (meters per second)

LATITUDE : 33 degrees 24 minutes 00 seconds

LONGITUDE : 118 degrees 24 minutes 30 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	6.1	4.9	6.1	6.0	4.7	3.1	2.7	2.8	3.7	4.7	5.4	4.8	5.9	5.9	5.8	6.0	4.2	3.5	5.1	5.0	5.9	5.6	5.0	4.2	6.1
2	4.1	3.6	3.1	3.6	3.5	3.2	2.5	3.2	4.1	6.0	7.1	7.6	6.8	4.9	5.3	3.8	4.2	4.2	5.6	7.3	7.3	6.4	6.1	5.3	7.6
3	4.5	4.7	4.3	3.9	3.8	3.9	4.7	4.9	5.9	6.5	6.2	6.0	7.1	7.8	8.4	8.8	8.9	7.0	6.4	6.1	4.5	4.9	3.4	1.9	8.9
4	2.5	2.0	3.7	3.2	2.4	1.4	2.2	4.1	3.3	4.4	5.0	[PA]	4.4	6.0	5.4	3.9	2.2	5.2	6.6	7.0	7.2	7.4	7.3	6.8	
5	5.7	6.2	6.6	7.8	4.8	5.4	9.6	7.3	8.3	10.0	9.7	9.0	8.3	7.0	3.3	5.1	3.6	4.6	5.9	5.4	5.6	5.4	7.1	6.5	10.0
6	6.3	5.8	4.8	5.2	2.1	2.2	2.0	3.1	3.8	4.3	3.9	3.8	4.9	4.6	3.6	4.5	4.6	4.5	3.8	2.9	2.1	3.0	3.2	4.3	6.3
7	4.1	2.5	3.0	2.6	2.3	3.2	2.7	2.2	5.4	5.6	4.6	4.7	6.3	6.4	6.5	6.6	5.9	5.4	4.4	4.1	3.6	3.5	2.5	2.1	6.6
8	1.4	2.9	4.3	4.8	3.6	3.2	2.9	4.5	6.4	6.4	7.3	6.7	7.6	8.4	9.6	9.4	9.0	8.5	7.7	7.1	5.6	3.6	3.1	2.8	9.6
9	2.6	2.9	2.5	5.0	2.5	3.3	2.7	3.0	3.4	3.6	4.9	4.3	5.0	5.1	5.0	4.3	2.9	2.8	2.7	2.8	2.2	3.1	3.1	2.6	5.1
10	1.7	1.8	2.1	2.9	2.9	2.8	3.0	1.9	2.6	3.3	3.4	3.3	4.0	5.0	3.1	1.9	1.6	2.5	2.5	3.3	3.3	3.9	3.8	3.5	5.0
11	2.0	3.9	3.4	2.9	4.6	5.4	3.1	5.5	5.5	5.0	5.1	4.9	5.7	4.8	4.3	3.4	2.6	3.2	2.7	3.3	2.1	2.4	2.7	3.4	5.7
12	5.2	5.3	3.7	2.5	2.1	2.5	2.5	4.1	5.0	4.7	4.2	4.8	5.1	5.9	6.1	6.5	7.3	6.3	6.0	4.2	2.7	2.1	1.9	2.4	7.3
13	1.8	3.1	3.3	3.3	3.4	2.5	2.2	1.9	2.8	3.4	3.5	4.3	4.0	3.7	3.9	4.4	3.3	3.1	3.1	2.9	3.3	4.0	4.1	3.3	4.4
14	2.6	1.6	1.8	3.6	3.6	2.5	2.7	1.8	5.0	5.4	3.9	3.3	3.6	4.4	5.2	5.0	4.7	4.2	5.0	3.4	2.6	3.3	2.6	2.5	5.4
15	2.3	3.9	2.5	4.5	4.6	5.2	4.8	5.8	6.2	6.8	8.2	8.5	9.2	8.7	9.5	9.5	10.3	11.5	11.5	10.8	9.7	10.1	7.6	7.3	11.5
16	7.1	6.2	5.9	6.7	4.8	3.3	2.3	2.1	3.3	4.2	4.7	5.5	5.3	4.9	5.8	5.0	4.8	4.8	3.5	2.7	2.5	1.8	2.5	3.3	7.1
17	3.7	3.6	4.5	4.5	3.9	4.0	4.1	4.4	3.5	3.7	4.4	4.4	3.8	3.8	4.1	4.2	3.2	3.3	3.7	2.5	2.4	2.4	2.1	1.6	4.5
18	2.4	2.5	2.6	2.5	2.4	3.2	4.0	3.2	2.7	2.9	3.8	3.2	3.8	3.3	3.0	3.1	2.9	2.7	4.1	4.4	4.1	4.1	3.0	2.9	4.4
19	2.4	2.1	2.4	2.5	2.2	2.6	2.5	3.6	3.4	3.1	4.0	4.6	4.7	4.5	5.8	6.4	4.1	4.0	2.9	2.5	3.4	1.7	2.3	4.4	6.4
20	4.4	4.0	4.2	4.8	4.9	3.3	3.1	3.2	2.8	3.8	4.4	5.1	4.6	5.7	6.3	6.9	6.0	6.9	6.6	5.5	4.9	3.8	3.0	3.8	6.9
21	4.5	4.6	3.9	5.7	5.8	7.0	7.3	5.4	6.1	5.1	5.5	7.6	8.0	7.6	7.3	6.8	6.3	5.8	4.1	4.8	4.7	3.4	2.6	3.0	8.0
22	2.5	2.7	4.0	3.3	3.4	4.2	4.3	6.8	5.0	4.5	5.5	6.1	5.1	5.6	4.7	4.5	3.4	3.4	4.4	3.9	4.0	4.2	5.6	5.6	6.8
23	7.6	6.6	7.1	6.3	6.8	6.8	4.4	4.2	4.9	7.3	5.3	5.0	4.6	4.0	4.8	4.7	3.3	2.5	3.1	4.3	2.6	2.9	2.8	2.5	7.6
24	3.4	3.0	2.8	3.3	2.5	2.7	2.7	2.5	2.3	3.9	3.4	5.0	5.4	5.1	5.7	5.2	4.7	4.7	6.7	6.9	5.0	4.2	4.6	4.0	6.9
25	4.0	3.4	3.3	2.8	2.8	3.0	2.8	2.7	3.6	4.2	4.6	5.3	4.4	4.6	4.4	5.4	4.5	4.9	3.8	4.1	3.6	4.5	2.1	1.3	5.4
26	2.0	2.4	2.8	3.6	2.2	2.5	1.8	2.3	3.3	3.0	3.4	3.7	4.5	4.5	4.0	3.6	3.5	4.8	3.7	4.2	4.5	3.0	3.3	3.5	4.8
27	2.7	2.5	2.8	3.3	2.4	3.4	3.2	1.4	2.2	3.9	4.5	4.1	3.8	7.3	5.4	5.8	3.3	2.6	2.5	1.6	3.2	4.0	4.2	4.4	7.3
28	4.1	4.3	4.3	4.4	4.6	5.1	3.8	2.9	3.0	2.9	3.1	3.4	3.4	3.6	5.5	4.3	5.2	5.2	5.8	5.1	4.5	5.9	6.0	4.7	6.0
29	6.4	5.3	4.7	4.8	7.3	7.1	9.0	6.7	7.8	7.6	5.6	5.9	5.6	5.6	4.7	5.7	5.4	5.0	3.9	3.8	2.9	6.1	3.9	1.6	9.0
30	2.5	2.6	3.5	3.4	4.1	3.6	4.3	4.1	2.2	4.7	5.6	5.3	5.9	6.4	6.3	4.9	5.8	6.3	7.1	6.9	4.1	5.9	4.8	4.0	7.1
31	3.9	3.3	3.2	3.4	2.6	2.5	3.0	3.5	5.0	5.2	5.2	4.4	4.0	4.1	4.3	4.5	4.0	5.0	6.0	4.5	4.7	2.8	4.9	4.2	6.0

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : October

ELEVATION : 3325 feet

LONGITUDE : 117 degrees 02 minutes 22 seconds

YEAR : 1995

PARAMETER : Peak Wind Gust (meters per second)

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	3.7	4.6	5.7	7.5	7.5	5.1	5.5	[PA]	[PA]	4.2	4.2	4.7	7.5	8.2	6.0	4.4	3.8	4.2	3.4	2.5	2.4	1.6	2.4	3.2	
2	2.7	2.5	2.7	3.9	4.0	3.9	3.9	6.6	4.5	4.1	6.9	8.9	7.9	6.4	6.8	6.8	5.3	4.5	4.4	4.5	3.8	3.1	1.6	2.5	8.9
3	3.4	4.3	4.9	5.0	5.5	5.6	5.2	5.3	6.5	6.0	5.8	6.2	8.1	14.7	17.0	17.8	17.7	24.1	22.5	18.5	18.4	14.2	15.4	16.4	24.1
4	17.2	12.0	9.1	7.7	6.0	5.3	6.4	11.1	17.4	17.3	16.0	16.0	14.0	13.2	13.0	9.6	8.8	7.9	8.1	6.9	9.9	8.1	10.6	11.3	17.4
5	7.9	7.9	10.8	10.4	10.9	9.4	9.4	9.1	12.8	11.8	12.3	12.6	11.1	9.4	7.8	7.8	8.1	5.9	4.8	3.1	3.3	2.9	2.3	2.6	12.8
6	3.7	3.1	2.8	1.7	1.2	0.9	1.6	1.4	3.2	4.7	5.4	6.2	5.6	4.7	3.9	7.1	4.9	4.6	3.5	6.8	9.4	7.9	6.6	8.6	9.4
7	9.9	8.6	6.5	7.9	6.5	5.6	6.5	7.0	7.7	8.1	6.2	5.8	6.0	6.7	6.0	5.1	7.4	6.8	8.1	9.6	8.7	8.1	7.8	6.4	9.9
8	6.9	6.8	7.6	7.5	7.3	6.0	5.7	5.3	4.3	5.2	4.3	4.0	4.7	4.5	5.6	4.9	5.1	2.7	2.6	9.2	7.0	6.6	9.2	8.6	9.2
9	8.8	9.1	9.0	8.9	8.1	7.2	7.2	5.8	5.1	4.8	3.9	4.5	4.3	4.4	5.0	3.4	3.5	2.9	3.8	1.7	2.2	4.3	3.7	3.6	9.1
10	3.4	2.6	4.4	4.4	4.7	3.7	1.8	2.4	3.7	5.4	7.2	8.9	10.1	8.4	7.8	6.6	6.0	4.3	8.7	9.4	6.7	6.2	6.4	6.7	10.1
11	5.9	4.7	5.0	5.1	4.6	3.5	2.2	2.0	3.4	2.4	3.9	4.1	5.4	7.9	9.6	7.2	9.6	8.7	8.7	11.6	10.9	10.8	10.1	10.9	11.6
12	8.4	8.7	7.9	7.0	6.9	6.0	6.1	7.2	6.7	6.6	5.8	6.2	7.2	6.1	5.9	4.5	3.8	3.5	1.9	3.8	4.3	3.7	1.7	3.7	8.7
13	6.6	8.9	11.7	11.4	7.9	5.6	7.7	8.1	10.5	11.1	11.5	11.3	12.2	11.6	11.9	9.6	9.8	8.4	7.9	7.5	7.4	5.6	5.7	6.0	12.2
14	7.3	5.5	4.3	5.1	4.1	3.7	3.8	3.1	7.1	7.9	8.6	11.6	9.9	9.5	9.0	8.6	7.1	6.7	5.9	4.5	4.8	5.1	4.8	4.7	11.6
15	3.6	4.5	4.3	4.7	4.3	3.7	3.7	1.7	2.3	3.5	5.6	8.1	18.4	19.8	18.8	19.9	18.6	17.4	13.2	8.8	10.5	12.8	11.7	10.2	19.9
16	9.0	7.5	7.7	9.1	8.9	7.8	8.9	6.7	7.6	7.8	8.1	6.4	6.8	6.2	6.9	5.9	5.4	5.0	5.5	7.1	7.0	6.3	7.1	7.3	9.1
17	6.1	6.2	6.2	5.8	5.5	4.6	3.8	3.1	2.3	2.5	4.3	4.2	6.8	7.6	6.5	7.9	5.1	4.4	3.7	3.1	2.0	2.3	1.6	4.0	7.9
18	4.9	4.8	4.2	5.9	6.6	4.5	4.8	4.8	4.3	4.0	2.9	4.4	5.5	6.4	5.6	6.4	5.7	7.1	6.9	4.7	6.8	3.6	5.1	4.8	7.1
19	4.6	4.8	4.8	4.1	3.1	3.1	2.6	4.9	7.9	9.4	11.1	10.6	10.2	10.6	11.5	9.9	8.8	7.3	7.0	5.1	5.4	2.6	2.6	2.5	11.5
20	2.6	2.1	1.7	1.6	2.4	4.6	3.9	3.7	4.3	4.1	3.4	4.5	4.9	5.8	5.5	5.9	4.4	5.1	6.3	9.0	8.2	11.4	10.9	10.5	11.4
21	9.1	8.7	9.5	11.3	11.6	12.4	12.1	11.3	11.3	12.9	14.7	16.5	16.6	17.8	19.2	19.8	21.4	21.5	20.8	21.2	21.7	21.2	20.7	21.2	21.7
22	17.1	13.0	10.3	9.1	6.5	10.5	20.8	23.0	24.5	23.2	22.1	21.2	18.6	17.0	17.6	14.8	12.5	7.8	4.4	4.2	3.7	7.4	6.4	5.8	24.5
23	5.0	4.8	5.5	7.4	7.2	6.2	5.3	5.7	6.4	8.2	8.7	8.1	8.1	7.1	4.8	5.3	5.3	3.0	4.2	4.8	3.0	3.5	1.6	1.9	8.7
24	2.1	1.8	1.8	2.7	3.0	3.1	4.9	4.7	2.7	2.8	3.8	4.9	5.0	5.8	5.2	4.8	4.2	1.8	3.2	3.2	2.7	3.1	2.2	2.3	5.8
25	2.4	3.2	3.5	4.1	5.1	4.7	5.0	3.4	3.5	4.0	4.2	5.0	6.1	6.1	4.8	4.7	5.3	4.3	3.6	3.5	7.8	4.5	5.6	6.7	7.8
26	7.2	5.8	7.1	7.0	5.8	8.2	7.4	6.5	6.6	6.1	6.2	6.1	5.3	6.3	6.7	5.8	5.9	6.6	5.5	5.2	5.4	6.5	7.8	8.1	8.2
27	8.1	5.5	4.2	4.6	4.3	4.8	4.1	2.9	2.6	2.5	3.6	6.5	8.8	8.3	7.5	7.1	7.6	7.5	6.2	5.6	4.7	3.8	2.4	3.0	8.8
28	4.3	4.8	5.4	5.0	5.3	5.2	3.9	1.6	3.2	4.4	3.5	4.2	3.8	6.0	4.9	4.1	3.5	3.4	3.7	5.9	6.4	8.3	10.2	7.1	10.2
29	6.6	11.1	12.9	11.0	5.7	5.6	4.7	4.4	4.9	3.2	3.8	5.9	5.8	4.9	5.5	3.9	3.5	4.5	5.3	4.8	3.5	2.6	2.9	2.8	12.9
30	2.3	2.1	2.3	3.6	3.2	4.2	4.1	3.6	4.5	7.7	5.5	5.8	5.4	5.9	6.2	5.8	4.1	6.4	7.6	9.8	8.1	7.8	9.4	7.1	9.8
31	6.5	5.6	7.0	6.1	7.5	8.3	8.8	9.2	8.1	7.4	6.1	6.3	7.8	11.1	12.0	13.5	12.1	11.1	11.7	10.4	13.1	11.5	10.7	9.1	13.5

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : October

ELEVATION : 1782 feet

LONGITUDE : 116 degrees 09 minutes 15 seconds

YEAR : 1995

PARAMETER : Peak Wind Gust (meters per second)

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	3.9	5.6	3.4	4.8	5.4	7.2	6.5	5.6	2.9	5.2	7.6	6.9	7.4	7.9	4.1	5.8	5.2	4.8	2.9	3.3	3.0	3.8	3.5	3.9	7.9
2	2.8	2.5	3.0	3.5	3.2	4.8	4.0	6.2	5.4	9.3	7.8	7.4	7.2	6.9	7.8	6.4	5.8	4.3	2.5	3.6	3.0	3.2	3.4	2.7	9.3
3	3.7	3.8	4.1	3.1	2.6	2.8	6.5	6.5	7.1	6.7	5.8	4.5	5.5	6.0	5.3	4.4	3.7	9.2	7.0	3.0	3.7	4.2	7.1	9.5	9.5
4	12.2	16.5	16.1	15.7	11.6	9.8	8.9	11.5	16.3	15.7	16.6	16.1	14.4	13.1	11.5	11.7	10.5	7.2	4.1	5.4	6.5	5.0	3.0	5.1	16.6
5	1.7	2.9	6.4	8.5	8.9	4.7	6.8	3.6	4.2	6.2	8.8	9.5	9.8	8.5	9.4	7.9	6.3	5.8	3.0	2.4	2.2	2.5	3.5	3.6	9.8
6	2.6	2.9	2.9	1.7	2.7	3.0	2.8	4.6	3.9	3.2	2.9	4.4	5.9	6.6	7.0	6.5	5.9	5.7	6.6	5.8	4.9	3.9	3.5	4.2	7.0
7	4.4	3.6	2.7	5.4	3.6	4.0	3.7	5.7	5.1	3.6	3.6	4.6	4.7	5.7	5.6	5.3	3.4	4.9	4.5	3.8	4.8	3.6	5.6	7.6	7.6
8	8.5	7.8	8.1	7.1	8.1	6.1	6.1	7.9	7.4	7.2	3.5	3.4	6.7	7.4	5.3	5.2	4.8	4.2	5.3	4.9	4.7	3.8	5.4	5.9	8.5
9	7.4	7.8	7.9	5.2	6.0	7.4	5.3	6.0	5.7	6.0	3.9	3.0	3.7	4.8	4.0	4.4	3.5	3.7	4.3	2.2	2.9	3.3	4.3	3.3	7.9
10	3.4	4.5	3.6	2.9	3.4	2.9	2.6	2.7	3.2	2.9	3.0	6.6	8.2	8.3	8.6	8.1	7.7	5.8	5.8	4.4	4.2	3.8	4.2	3.4	8.6
11	3.6	4.6	5.1	5.4	2.9	2.1	3.9	3.4	2.2	2.9	3.1	7.1	9.9	9.8	9.0	9.2	9.1	8.7	6.3	5.0	4.7	7.5	6.0	11.1	11.1
12	14.5	10.3	7.9	6.7	7.9	7.8	7.3	7.9	7.9	5.0	4.7	4.2	4.6	4.7	5.7	5.6	4.6	4.0	2.2	3.9	3.9	3.1	2.9	3.3	14.5
13	2.8	3.2	3.4	5.1	2.8	2.2	2.4	8.4	8.4	8.3	7.8	8.1	8.5	8.7	8.7	8.4	7.9	4.4	3.5	2.0	1.9	2.2	3.3	3.2	8.7
14	3.8	2.9	2.1	2.7	3.0	4.6	3.1	2.4	3.0	4.6	5.0	6.5	5.8	4.6	4.4	3.3	2.1	2.2	1.7	2.6	3.4	3.1	3.2	2.8	6.5
15	3.3	3.3	3.4	2.4	2.9	2.0	2.3	2.4	2.1	1.9	5.6	8.1	9.6	10.7	10.8	9.5	9.8	11.7	10.7	8.8	6.9	6.0	3.8	4.2	11.7
16	4.4	6.7	8.6	9.4	10.1	9.8	10.6	10.9	9.7	4.9	6.1	6.4	8.2	7.3	7.5	6.2	5.1	5.4	5.1	4.2	2.9	4.2	4.2	7.3	10.9
17	8.4	8.5	7.5	7.2	7.6	8.5	7.4	7.9	8.6	6.9	8.8	6.8	6.7	5.0	5.0	3.5	2.3	2.0	3.0	3.7	3.8	3.7	4.1	2.1	8.8
18	2.8	3.0	3.2	3.0	2.5	2.6	2.1	1.7	2.8	7.3	7.8	8.3	8.2	8.2	7.8	7.6	7.9	6.9	8.1	7.6	7.2	6.5	4.7	4.6	8.3
19	5.1	4.1	3.7	2.5	3.3	3.1	1.8	3.9	2.3	2.5	3.7	4.2	4.6	5.1	3.6	5.2	4.2	2.2	3.1	3.4	3.4	3.5	3.4	3.3	5.2
20	3.5	3.1	4.4	2.9	3.0	2.4	1.6	3.7	3.6	2.6	3.3	3.0	4.4	3.5	4.8	3.6	2.9	3.8	3.2	4.3	3.5	6.1	4.3	6.1	6.1
21	6.6	6.9	5.2	4.4	4.6	4.2	5.0	4.0	3.3	2.8	3.8	4.6	7.3	10.4	11.3	11.3	10.6	11.1	8.7	8.7	9.2	11.8	12.7	13.8	13.8
22	15.9	19.1	15.1	10.4	7.3	6.6	8.5	16.7	17.2	16.4	15.2	14.5	14.4	12.9	14.2	11.9	11.7	7.9	5.4	3.2	3.5	1.7	2.5	2.4	19.1
23	3.0	2.9	2.7	2.3	1.8	3.6	3.7	2.0	3.9	6.8	7.7	6.2	6.3	6.2	5.7	5.8	4.6	4.4	1.9	1.6	1.8	1.8	3.0	5.1	7.7
24	4.4	3.8	4.5	3.7	5.2	5.2	4.3	6.3	4.1	4.9	6.4	6.6	6.3	5.8	5.4	4.2	2.8	3.2	2.3	3.1	3.4	3.9	2.9	3.5	6.6
25	3.2	4.0	3.4	3.0	3.2	2.7	3.3	2.3	2.1	3.7	4.2	4.2	4.9	3.8	3.6	3.4	3.4	3.7	2.1	3.2	3.1	3.6	3.1	4.6	4.9
26	5.0	6.4	6.9	6.1	7.9	8.8	5.6	7.9	9.4	6.8	5.8	6.3	7.1	7.7	7.6	5.8	4.0	3.5	3.6	4.2	4.0	2.9	2.7	4.5	9.4
27	4.9	4.8	5.7	7.9	5.0	2.8	2.6	5.0	5.7	5.6	7.1	7.3	8.1	7.2	5.8	4.9	3.7	2.1	4.1	3.2	3.7	3.6	3.3	2.4	8.1
28	3.2	3.3	2.6	3.3	2.2	1.5	2.4	2.6	2.0	1.8	6.3	8.6	8.7	8.1	8.1	7.7	7.1	5.8	4.3	2.7	2.8	2.5	2.8	3.0	8.7
29	4.6	5.0	5.3	6.3	3.6	4.0	3.2	3.9	4.8	3.1	5.6	5.9	4.7	4.1	3.4	2.6	2.2	2.0	3.6	2.7	3.6	3.7	3.0	4.1	6.3
30	3.0	2.2	4.4	3.5	4.5	3.2	3.9	2.3	4.4	5.6	7.3	10.3	11.1	9.2	9.5	9.3	9.7	10.2	9.9	9.1	9.2	7.7	4.2	4.9	11.1
31	5.5	7.5	8.2	5.2	6.2	5.6	5.1	5.4	6.8	7.6	10.4	9.3	10.3	11.3	10.2	11.3	10.3	10.5	6.8	7.2	8.3	8.5	7.6	8.9	11.3

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Palmdale

ELEVATION : 2760 feet

PARAMETER : Peak Wind Gust (meters per second)

LATITUDE : 34 degrees 33 minutes 26 seconds

LONGITUDE : 118 degrees 06 minutes 46 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	3.1	3.1	3.2	3.6	2.7	3.0	2.2	1.4	3.0	4.3	5.4	5.2	5.7	4.8	7.9	4.5	4.0	2.3	3.9	2.5	3.0	3.4	3.4	2.8	7.9
2	3.0	3.1	3.3	2.8	2.8	2.9	2.6	1.6	2.4	3.0	6.3	7.2	8.1	8.7	7.6	6.6	4.6	3.4	3.0	3.4	4.2	3.8	3.8	3.5	8.7
3	3.7	3.4	4.0	3.4	3.0	3.2	3.0	2.2	2.4	3.8	8.1	8.9	8.6	11.4	13.5	11.1	10.7	8.3	9.0	7.3	10.9	11.3	9.9	12.4	13.5
4	7.4	7.6	6.6	5.4	6.0	2.9	2.5	2.5	5.1	10.2	12.7	12.6	12.4	12.2	12.2	11.0	9.9	8.7	6.1	6.3	5.4	3.8	4.1	3.9	12.7
5	2.7	2.7	3.1	2.3	2.5	3.0	3.4	4.4	12.0	13.0	14.5	11.8	11.3	11.6	9.8	8.3	7.0	4.8	2.7	2.9	3.7	3.0	2.6	2.8	14.5
6	2.5	3.1	3.0	3.0	3.3	2.6	2.5	1.1	3.2	3.6	3.8	3.9	3.7	3.8	3.7	7.1	8.8	7.4	10.2	10.0	11.7	8.4	4.0	2.2	11.7
7	4.0	4.7	4.8	6.9	7.0	4.0	3.8	6.2	2.5	6.6	8.3	9.1	7.6	10.2	11.7	9.2	10.2	12.4	13.3	14.2	10.0	5.0	5.1	7.6	14.2
8	3.9	3.6	4.5	3.7	3.1	3.1	3.2	1.8	2.6	3.9	4.0	4.5	3.8	3.9	3.7	6.3	8.4	8.1	6.2	3.9	4.5	3.3	5.6	3.1	8.4
9	3.9	4.5	5.2	3.1	3.3	3.5	3.9	2.2	2.6	4.3	4.3	5.0	5.2	3.4	4.0	3.7	4.9	5.3	8.8	7.3	3.0	2.8	2.8	3.2	8.8
10	3.2	3.5	3.2	3.2	2.4	3.0	2.8	1.9	2.5	3.5	3.9	4.2	3.7	3.6	4.5	5.5	7.6	8.3	8.2	7.8	8.8	9.0	8.8	3.7	9.0
11	2.5	2.8	2.5	2.5	3.4	3.6	3.4	1.4	3.2	3.1	3.9	4.7	5.6	10.9	10.4	8.8	9.1	9.2	5.8	6.3	6.1	5.0	5.1	4.0	10.9
12	4.1	3.6	4.0	3.4	5.0	3.5	4.4	1.7	2.8	3.6	3.6	4.2	4.5	7.2	7.1	4.3	5.4	3.6	2.0	3.5	3.0	2.7	2.5	2.7	7.2
13	2.6	2.5	2.5	2.5	1.5	1.9	3.6	2.4	4.9	10.8	11.3	12.4	10.7	10.9	10.3	8.5	8.6	5.4	4.0	1.7	4.0	3.5	2.8	2.8	12.4
14	4.5	3.8	2.7	2.8	3.0	3.6	3.3	2.5	3.5	4.0	4.8	4.4	5.6	5.2	4.4	3.2	2.8	3.1	3.8	3.7	3.9	4.0	3.3	3.3	5.6
15	3.3	4.4	4.0	3.6	2.9	2.5	2.8	3.3	2.6	3.7	9.4	11.9	11.9	10.8	11.5	10.9	9.1	8.0	8.6	6.0	5.2	3.8	7.8	6.4	11.9
16	4.3	2.6	3.6	2.8	2.9	3.4	2.1	2.0	2.5	2.5	3.5	2.8	4.0	4.2	4.5	5.8	6.0	5.7	3.6	2.2	2.4	1.9	2.8	2.2	6.0
17	3.1	2.3	2.5	2.8	2.5	2.5	2.4	2.0	2.8	2.6	4.0	5.5	8.7	8.2	6.9	6.4	5.1	3.0	3.4	4.3	3.9	3.5	3.3	3.6	8.7
18	3.6	3.2	3.3	3.3	3.1	3.4	3.0	3.4	3.5	2.9	2.9	3.7	4.3	6.7	8.4	7.6	7.3	10.7	9.8	10.6	9.4	7.7	4.8	2.5	10.7
19	2.9	3.3	2.5	1.6	2.7	3.8	4.1	2.4	2.7	4.6	4.6	5.7	7.3	9.8	7.4	6.7	6.7	2.8	3.2	3.3	3.7	3.2	4.2	3.2	9.8
20	3.9	3.2	3.6	3.3	3.3	3.3	2.9	2.3	1.9	3.2	3.2	3.7	4.3	7.6	8.0	9.6	10.0	9.2	7.3	7.9	5.6	6.6	6.6	5.2	10.0
21	8.1	8.6	9.2	9.1	7.3	9.5	8.0	9.8	11.5	10.8	9.8	10.8	11.7	11.2	9.5	9.4	8.8	6.1	3.7	4.2	6.3	3.3	7.0	7.6	11.7
22	4.8	4.7	4.3	4.4	6.2	3.3	2.1	5.3	10.6	12.9	12.3	14.5	13.2	13.1	13.6	13.9	12.4	10.8	8.7	5.7	6.4	6.5	5.3	6.8	14.5
23	4.5	4.0	4.0	3.3	5.0	3.7	4.1	5.2	4.8	7.3	10.8	8.8	8.4	7.2	6.5	6.3	5.9	4.4	2.0	3.0	3.0	3.9	3.2	3.0	10.8
24	3.3	3.1	3.8	3.0	3.3	3.1	3.0	2.4	2.2	3.1	3.5	3.9	3.9	3.6	3.5	3.8	2.3	6.3	7.1	6.1	3.0	2.6	2.9	2.6	7.1
25	3.9	3.7	4.0	3.8	3.1	4.1	2.7	1.8	2.4	3.0	3.6	4.9	4.3	3.5	3.1	7.8	7.8	7.8	3.2	3.4	3.3	3.5	4.7	3.9	7.8
26	3.9	4.6	3.6	3.2	2.9	3.0	3.0	1.5	2.6	2.9	3.0	3.9	5.0	4.1	3.6	2.5	2.0	3.4	4.0	2.9	5.5	3.6	4.3	3.7	5.5
27	2.4	3.0	3.0	3.1	3.2	2.9	2.9	2.2	2.8	2.4	3.8	3.9	3.4	4.0	4.0	2.1	3.6	4.2	5.1	3.9	2.5	3.1	3.7	6.3	6.3
28	5.6	5.7	4.3	3.6	3.4	3.9	3.9	3.3	2.1	2.0	2.9	2.8	2.6	2.1	2.3	1.5	4.4	2.7	2.4	4.8	3.0	6.5	5.2	7.7	7.7
29	5.5	2.9	4.3	3.3	2.4	4.4	4.3	4.0	3.9	2.8	3.1	3.4	5.2	5.2	3.6	4.6	4.5	6.3	6.9	4.2	3.3	3.3	3.0	3.8	6.9
30	4.6	5.2	4.7	3.4	3.8	3.9	3.7	2.9	2.5	3.8	4.6	3.3	5.3	6.3	8.8	9.1	11.3	11.6	12.5	11.6	12.0	12.4	11.5	11.8	12.5
31	12.4	15.6	15.1	15.2	16.2	15.3	13.9	8.3	9.5	11.7	14.0	15.8	16.7	16.6	16.6	17.4	18.8	17.9	8.1	17.7	13.6	9.3	9.6	19.1	19.1

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Quartzite Mountain

ELEVATION : 4482 feet

PARAMETER : Peak Wind Gust (meters per second)

LATITUDE : 34 degrees 36 minutes 38 seconds

LONGITUDE : 117 degrees 17 minutes 20 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

DATE	HOUR (PST) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	4.8	6.5	4.4	4.3	4.0	2.5	1.9	1.6	2.4	2.1	4.0	7.6	4.5	6.2	8.6	8.1	8.6	7.0	5.4	5.6	5.8	5.1	5.0	3.5	8.6
2	4.3	4.1	4.3	4.7	4.7	6.3	6.2	6.7	7.1	6.9	7.7	8.9	9.4	7.6	10.5	8.1	7.5	6.4	7.6	5.4	5.5	4.8	3.4	3.6	10.5
3	3.4	2.8	1.6	2.2	2.5	1.9	3.0	3.0	3.8	3.5	5.4	9.5	9.7	12.6	13.4	12.6	12.9	13.6	16.9	17.8	17.4	17.6	17.5	16.5	17.8
4	15.3	18.3	15.8	15.7	13.6	11.1	8.4	7.9	9.5	12.6	12.6	13.3	13.8	13.3	12.5	11.4	11.1	11.9	11.4	13.5	12.3	14.3	13.1	8.9	18.3
5	11.3	12.4	11.1	10.7	12.0	10.6	10.4	9.3	9.9	11.5	12.2	10.5	10.3	8.9	7.9	6.4	5.6	6.9	6.6	6.5	5.4	4.4	3.4	3.1	12.4
6	3.1	3.3	2.0	2.2	2.2	1.7	2.1	2.6	2.8	3.3	4.3	4.8	4.7	5.4	8.6	10.2	10.8	11.1	11.1	11.5	12.4	12.7	12.6	10.9	12.7
7	10.0	11.5	11.7	11.6	11.4	10.2	10.0	9.8	9.0	7.1	7.6	9.2	10.1	9.9	9.3	10.7	10.8	10.9	10.4	9.1	10.9	10.6	9.7	3.5	11.7
8	5.9	5.6	5.5	5.2	4.7	3.6	3.3	2.0	2.7	3.4	4.2	4.6	7.0	7.0	6.0	5.9	8.2	9.2	6.8	11.6	10.9	9.7	9.5	8.1	11.6
9	10.7	10.9	10.7	8.2	6.1	6.6	6.1	5.9	4.6	2.7	3.3	5.1	5.7	5.0	5.0	6.8	6.6	5.0	5.7	2.9	1.3	3.5	4.2	3.6	10.9
10	3.2	2.7	2.5	2.3	3.1	2.7	3.0	3.2	3.3	6.3	7.0	6.9	5.7	5.5	5.4	5.5	5.5	5.8	6.9	9.5	6.6	5.7	4.8	4.8	9.5
11	6.3	6.4	6.1	5.4	4.4	4.3	3.9	4.3	4.3	5.0	6.8	10.7	15.7	15.5	16.2	12.5	12.9	10.8	12.6	12.9	10.4	10.0	5.9	8.1	16.2
12	9.2	8.2	4.6	4.2	5.5	6.9	8.4	7.2	8.1	7.1	4.7	4.1	5.2	6.0	5.8	5.2	4.8	5.7	5.7	4.4	5.0	4.2	4.6	5.9	9.2
13	5.2	6.3	8.1	8.2	11.0	9.4	9.8	12.7	13.4	13.1	11.6	11.3	13.3	12.6	12.4	12.2	12.1	10.6	11.7	11.5	10.7	11.5	10.3	8.3	13.4
14	9.0	8.1	7.3	8.8	9.8	9.0	10.0	11.5	9.6	6.9	6.9	6.0	6.7	6.7	8.6	8.1	8.2	7.6	7.6	7.8	7.5	7.3	7.0	6.9	11.5
15	6.3	6.5	6.3	6.7	7.3	8.1	7.9	7.5	7.2	9.9	12.2	15.5	14.8	15.0	17.2	15.7	16.6	12.8	11.6	11.4	13.1	13.5	7.4	7.0	17.2
16	9.1	11.0	9.2	7.6	9.5	8.9	7.5	4.8	3.6	3.6	4.0	4.6	8.1	6.3	7.0	5.9	3.9	4.0	7.0	9.1	7.9	7.3	4.6	4.6	11.0
17	3.5	3.2	3.6	4.8	5.4	6.6	7.9	7.9	8.9	9.0	9.4	10.5	8.9	8.1	8.7	7.1	7.9	7.5	5.3	4.0	4.2	4.2	4.3	3.3	10.5
18	2.8	1.7	1.9	1.7	2.5	3.1	4.0	6.3	6.3	4.1	4.6	6.1	6.8	4.3	6.9	5.5	5.1	5.4	7.9	8.1	7.0	6.9	5.7	2.9	8.1
19	4.1	3.8	4.1	5.0	5.2	5.1	5.5	6.1	6.4	5.1	8.5	8.4	8.3	7.8	8.4	8.4	8.8	8.1	8.1	5.3	4.9	4.8	5.5	5.9	8.8
20	6.2	5.2	4.3	5.1	4.3	3.3	2.7	2.8	2.2	3.3	2.8	3.3	5.1	5.8	8.1	6.8	5.1	8.1	9.3	9.9	9.7	12.1	12.7	12.6	12.7
21	11.7	12.1	12.3	10.9	11.4	14.2	13.6	14.7	14.4	12.3	13.4	14.7	12.5	14.7	17.5	17.0	17.2	17.9	19.0	18.5	18.2	22.0	21.8	16.8	22.0
22	16.7	16.8	13.7	12.9	10.7	9.2	8.2	15.1	15.3	14.2	15.6	16.1	14.4	12.7	12.6	11.9	11.5	10.4	8.2	7.5	9.5	10.8	9.6	10.4	16.8
23	8.1	7.4	7.8	8.1	8.1	7.5	9.7	11.8	9.6	9.9	10.1	8.2	7.4	6.7	7.1	7.1	8.1	7.8	7.9	6.7	5.6	3.8	2.5	2.7	11.8
24	3.0	3.2	3.0	3.2	2.6	2.9	1.9	1.9	2.7	3.0	3.3	4.8	4.8	4.3	4.8	4.0	3.2	3.7	3.5	3.9	6.2	6.1	4.7	3.2	6.2
25	4.2	4.3	4.5	4.2	4.0	3.5	3.9	3.1	2.4	3.4	3.5	3.2	4.4	6.0	3.8	4.2	5.6	5.1	8.6	8.6	7.5	5.5	4.8	5.5	8.6
26	5.5	4.8	4.4	4.0	3.7	2.6	3.1	2.8	3.7	3.2	3.4	3.2	5.8	6.2	3.3	3.7	4.6	4.2	4.0	4.9	3.4	3.6	4.9	6.1	6.2
27	4.6	4.3	5.2	4.7	3.6	4.0	3.8	2.7	2.7	2.8	3.1	5.5	5.1	5.7	5.1	5.7	6.5	6.9	6.7	9.5	6.3	7.1	9.5	8.5	9.5
28	5.4	3.7	2.8	1.6	1.9	2.1	3.8	5.1	6.2	5.5	4.0	4.9	4.8	4.8	6.1	7.0	9.4	9.6	10.4	9.2	9.7	7.5	11.4	9.0	11.4
29	9.6	11.7	6.0	5.8	4.9	5.6	9.1	11.6	10.3	4.8	3.9	3.9	5.0	3.9	3.4	2.8	3.6	3.2	4.0	4.2	4.0	2.2	2.5	2.6	11.7
30	2.6	2.8	3.5	3.8	4.4	4.5	4.1	4.8	5.2	4.8	6.9	5.9	5.3	5.9	5.4	4.8	5.6	9.0	11.1	10.2	10.7	10.7	10.8	11.5	11.5
31	11.6	11.4	11.5	13.4	12.0	12.4	9.0	10.7	11.1	9.3	10.4	11.3	10.2	11.4	12.3	11.5	13.5	12.4	15.2	17.6	13.6	15.2	17.6	15.9	17.6

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Shadow Mountain

ELEVATION : 4120 feet

PARAMETER : Peak Wind Gust (meters per second)

LATITUDE : 34 degrees 44 minutes 15 seconds

LONGITUDE : 117 degrees 33 minutes 54 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																								
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.
1	5.1	4.9	6.6	6.4	5.0	4.3	3.3	3.5	3.7	4.6	6.8	7.2	7.3	7.8	6.6	7.1	5.5	4.3	4.3	4.1	5.7	5.2	4.9	4.6	7.8
2	3.4	2.8	3.3	4.0	4.4	4.6	5.2	8.7	11.3	11.4	10.4	9.9	10.3	8.3	7.4	6.4	7.3	3.5	3.3	5.0	5.3	5.4	4.4	3.2	11.4
3	1.8	1.9	1.7	3.0	3.3	3.3	3.6	3.1	3.8	4.4	7.7	11.3	13.6	16.6	19.2	19.8	19.9	17.9	19.2	20.4	20.6	20.0	18.9	20.6	20.6
4	20.8	18.3	15.6	13.6	11.1	8.6	8.7	9.9	16.7	16.7	15.9	16.0	16.5	15.3	15.4	14.7	14.6	13.2	14.9	14.0	14.5	14.9	15.5	16.2	20.8
5	15.4	15.7	13.1	12.0	14.1	12.6	14.0	14.3	15.4	17.2	17.6	14.1	14.8	14.0	12.4	10.8	9.0	7.3	7.4	8.0	7.7	6.5	5.4	6.0	17.6
6	5.7	5.6	4.5	4.4	3.9	4.4	3.4	3.1	3.6	4.0	5.4	5.8	6.6	5.3	4.0	4.3	4.2	4.5	6.6	7.0	5.9	5.8	6.7	6.7	7.0
7	4.2	3.0	3.1	6.0	5.9	4.8	5.2	4.1	4.0	5.0	5.2	5.8	6.4	5.4	6.8	7.3	7.9	9.1	7.4	8.8	8.5	8.5	9.1	8.5	9.1
8	8.7	9.2	8.8	8.1	6.8	5.8	5.3	4.5	3.4	4.4	4.8	5.5	4.9	6.1	6.5	6.0	6.7	7.4	13.6	12.3	10.6	10.4	11.0	10.8	13.6
9	11.5	11.1	11.3	10.4	8.8	8.5	7.6	7.3	5.4	4.0	4.3	8.7	5.5	5.7	5.5	5.2	6.3	4.8	3.9	6.7	7.0	7.0	6.5	5.0	11.5
10	4.4	2.8	3.4	1.7	2.7	3.3	3.4	3.9	3.5	5.7	8.0	7.6	8.4	6.1	4.6	5.5	6.3	4.5	8.1	8.2	8.2	7.9	7.1	2.7	8.4
11	5.6	6.2	4.7	5.5	6.1	6.8	5.4	5.3	4.0	4.1	6.2	7.6	15.0	14.5	10.9	13.7	13.7	10.7	8.0	10.9	12.0	12.8	13.9	12.0	15.0
12	11.3	8.3	7.1	8.4	7.6	9.0	10.0	8.7	8.8	6.9	6.0	8.6	7.2	6.5	6.7	7.1	6.2	5.4	3.6	5.7	4.7	3.0	3.8	4.7	11.3
13	5.1	11.6	12.9	13.2	15.1	15.0	14.2	14.3	11.7	15.5	16.3	15.6	15.8	15.7	14.4	13.8	12.7	12.3	10.9	12.7	13.2	10.5	11.0	10.6	16.3
14	10.1	8.8	8.6	7.8	8.0	8.3	10.4	10.7	11.5	12.0	13.0	12.6	11.2	9.7	8.8	7.3	7.7	8.2	8.5	8.2	6.2	7.1	7.4	7.6	13.0
15	7.4	7.3	6.8	6.2	5.3	4.7	4.2	4.3	4.0	4.6	8.2	11.8	11.9	18.6	18.2	14.6	12.4	13.4	10.2	8.3	10.9	10.3	9.2	10.7	18.6
16	10.5	12.0	12.3	11.5	12.2	11.3	10.2	8.1	5.8	4.7	5.9	5.1	4.6	6.1	5.5	6.2	5.6	9.1	9.9	8.7	9.2	7.9	7.0	6.1	12.3
17	4.8	4.4	4.2	4.4	4.5	4.8	6.2	7.0	7.4	8.0	10.3	11.7	9.9	10.2	8.7	6.1	5.4	4.8	5.0	4.2	4.5	4.6	4.3	3.0	11.7
18	1.8	2.0	2.8	2.7	4.0	3.8	4.3	4.0	3.9	4.3	3.5	5.6	6.0	6.3	6.5	5.7	4.6	7.6	7.6	8.8	8.8	6.4	5.9	7.2	8.8
19	7.1	6.6	6.8	5.3	4.1	2.7	2.1	4.8	5.6	8.2	10.3	9.9	13.3	13.2	12.7	13.3	11.0	10.7	11.0	11.3	10.7	11.4	9.9	7.2	13.3
20	4.8	3.6	3.2	3.1	2.5	1.2	3.8	4.1	3.9	3.9	4.0	5.0	6.3	8.0	9.6	8.6	9.6	9.9	11.7	12.4	12.4	12.6	13.5	13.3	13.5
21	13.4	13.2	14.4	15.6	16.7	13.4	12.4	13.3	14.5	12.6	15.5	17.8	18.3	20.1	19.2	19.9	19.8	18.5	19.7	20.6	24.4	23.0	23.6	19.9	24.4
22	18.9	18.2	16.7	12.4	8.5	9.6	10.6	13.3	15.7	16.9	17.4	16.8	15.8	15.4	15.4	15.2	14.3	13.8	14.7	12.4	9.8	12.7	11.5	10.4	18.9
23	10.4	12.2	12.6	11.6	12.3	10.8	11.6	11.6	11.2	11.0	10.2	10.0	9.9	9.2	7.8	7.9	7.1	6.8	7.2	7.9	7.9	6.6	5.1	4.2	12.6
24	3.7	3.3	3.7	2.7	5.2	5.4	3.3	2.5	3.8	3.7	5.2	5.1	5.6	4.2	4.2	4.4	3.5	2.9	3.2	4.3	3.4	3.8	3.9	5.3	5.6
25	7.1	6.1	6.1	6.4	4.6	5.0	5.2	5.1	5.0	4.9	6.3	6.2	7.2	7.6	6.9	5.8	4.8	4.1	11.2	10.8	8.6	7.9	8.2	7.6	11.2
26	5.3	6.7	7.0	5.7	3.4	3.6	4.0	4.1	5.0	5.1	4.3	4.8	4.7	3.8	5.5	4.9	5.8	5.8	6.3	6.3	5.9	7.3	10.3	10.8	10.8
27	10.6	9.9	9.5	7.9	5.8	6.6	5.6	3.1	2.8	3.3	5.6	7.0	8.7	9.4	7.6	7.7	7.3	7.2	7.6	7.7	5.7	5.4	5.9	6.8	10.6
28	8.9	9.6	8.3	7.3	5.2	4.9	6.6	6.3	3.6	4.5	4.4	5.0	4.2	4.3	3.6	2.5	4.9	3.8	6.4	6.3	5.1	4.5	4.1	7.6	9.6
29	5.4	5.0	6.1	5.3	3.5	3.9	4.2	7.9	10.2	9.5	5.9	6.2	5.4	4.9	5.1	5.0	3.4	2.2	1.3	4.2	5.7	4.6	3.6	3.9	10.2
30	3.5	4.0	4.3	3.5	4.0	4.7	4.1	4.4	3.6	4.3	5.8	5.2	5.3	5.3	4.9	5.7	8.3	7.9	9.5	8.4	7.8	8.5	7.6	6.6	9.5
31	7.1	7.3	9.5	11.9	12.3	14.9	12.9	9.2	8.5	10.2	10.7	11.1	13.2	12.3	15.6	14.1	12.9	10.6	11.6	14.1	12.5	10.1	5.7	11.5	15.6

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : October

ELEVATION : 4250 feet

LONGITUDE : 117 degrees 26 minutes 33 seconds

YEAR : 1995

PARAMETER : Wind Direction

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	286	286	286	299	53	126	178	330	1	38	45	48	61	20	13	360	11	9	332	291	289	302	290	284
2	289	296	297	294	301	306	322	342	348	6	40	39	34	12	4	351	356	342	316	326	17	144	155	336
3	306	293	285	296	308	316	278	74	53	140	179	208	198	200	195	201	213	218	215	213	222	220	227	222
4	216	217	256	226	297	308	316	326	346	22	28	33	37	23	17	25	21	8	346	314	329	10	342	359
5	340	310	308	310	302	324	347	357	16	28	31	31	15	21	17	32	25	342	296	290	286	290	296	296
6	297	311	317	343	353	327	322	26	56	61	61	150	174	181	187	184	185	183	184	191	191	192	216	212
7	213	208	210	211	215	213	211	207	201	201	197	203	200	197	196	195	202	208	212	213	213	213	211	215
8	222	220	220	303	337	141	143	113	1	59	73	89	186	192	193	201	211	215	218	226	245	206	203	212
9	262	303	261	158	164	155	204	2	350	79	91	173	195	196	205	207	210	215	219	219	221	224	238	31
10	142	172	250	173	317	317	308	136	100	185	182	184	191	188	191	187	192	204	216	218	215	218	216	215
11	215	201	207	222	201	151	76	69	71	165	180	177	178	183	188	192	203	182	197	199	202	203	204	265
12	215	178	219	165	241	304	300	351	51	27	50	37	62	163	195	198	210	224	276	284	285	294	291	285
13	307	301	302	304	310	310	312	337	359	3	18	22	14	15	12	32	22	337	309	319	321	319	331	306
14	298	299	307	304	323	316	324	340	35	39	56	44	58	153	182	187	182	202	251	265	208	210	215	209
15	201	189	184	187	213	205	203	181	171	174	172	172	171	172	176	180	172	179	203	201	198	203	222	218
16	215	225	224	213	277	110	28	345	348	360	355	352	355	352	11	355	214	249	275	283	282	282	166	147
17	144	142	278	308	302	308	316	328	352	11	25	22	13	9	360	344	339	299	289	284	284	302	294	296
18	300	296	293	247	168	178	184	182	198	203	199	208	197	198	197	203	208	214	215	217	215	215	216	216
19	224	280	299	330	327	49	327	329	23	31	36	35	25	45	45	44	32	357	275	254	226	196	186	198
20	213	222	232	226	300	249	278	306	2	48	49	28	203	199	191	203	211	212	210	213	218	216	219	218
21	221	221	217	215	217	221	218	212	214	207	202	203	204	202	205	207	212	224	218	216	221	206	210	214
22	215	219	207	174	352	297	335	4	358	12	17	23	21	27	27	33	37	6	330	315	308	298	292	307
23	294	303	349	352	328	338	334	345	28	15	18	17	352	346	9	360	351	329	317	315	286	297	300	310
24	295	297	297	293	310	320	298	328	9	16	10	19	4	56	49	38	260	220	214	204	219	244	256	213
25	233	304	280	287	248	165	241	346	13	82	181	217	81	186	199	203	212	215	219	270	282	269	163	129
26	90	134	318	296	300	297	300	347	10	353	358	37	25	12	354	354	4	295	270	182	181	213	247	270
27	292	26	144	321	342	334	23	124	88	53	48	65	66	133	202	204	212	211	215	210	207	220	218	223
28	220	222	222	223	219	221	214	207	211	200	193	186	203	211	205	203	207	206	202	210	208	215	220	217
29	96	163	192	208	219	214	206	196	208	213	330	309	132	195	206	203	219	225	226	233	284	291	288	283
30	291	293	292	311	309	290	297	308	32	68	178	196	200	203	203	205	213	215	211	209	215	213	210	214
31	215	216	210	206	207	207	205	206	205	205	206	207	206	202	202	202	203	203	201	198	197	196	197	194

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : October

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 seconds

YEAR : 1995

PARAMETER : Wind Direction

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	56	4	132	77	100	84	86	92	56	319	254	103	98	116	184	93	177	175	201	103	233	207	335	328
2	280	129	138	340	168	111	81	113	137	93	92	84	87	114	114	135	126	124	162	96	101	53	39	26
3	284	232	217	50	214	213	121	28	329	271	245	229	239	261	279	280	283	273	255	260	258	245	247	256
4	243	248	236	236	231	311	336	106	95	90	86	53	71	62	64	101	103	104	96	91	98	98	84	77
5	75	105	107	90	70	92	88	103	98	91	87	84	89	97	86	86	96	115	81	104	77	82	110	104
6	153	136	210	199	286	176	177	271	293	263	57	66	103	128	119	221	240	236	240	260	240	238	181	111
7	221	235	236	236	261	248	304	243	259	254	248	237	265	266	245	247	247	250	241	241	246	246	251	249
8	255	81	85	98	83	82	77	86	346	243	290	250	262	161	267	301	259	234	234	254	233	250	263	252
9	257	244	260	111	84	90	79	86	109	334	330	15	287	301	94	240	315	258	154	70	33	50	79	43
10	89	94	91	127	80	87	80	269	281	296	336	103	89	107	77	82	67	9	223	256	255	280	310	74
11	88	81	79	90	128	9	106	85	94	98	68	342	283	301	266	249	262	265	245	247	244	267	255	282
12	112	229	222	166	250	263	268	241	242	258	248	250	263	317	321	305	221	182	123	239	35	80	20	49
13	188	194	26	141	103	83	106	102	88	88	83	81	76	72	76	69	80	78	95	97	93	88	82	90
14	89	201	155	93	114	79	128	166	289	186	84	90	86	84	82	89	84	104	81	110	121	127	112	246
15	108	106	252	327	139	209	196	63	277	302	274	268	264	254	256	255	253	257	256	249	253	246	238	233
16	232	245	233	232	229	230	251	257	252	250	259	272	259	260	269	256	265	254	246	246	238	228	247	351
17	80	72	81	97	90	95	83	98	232	281	267	224	63	84	83	90	105	109	136	108	75	245	249	22
18	22	214	114	97	81	78	81	91	89	85	104	38	269	320	254	236	244	220	246	239	217	193	244	83
19	74	78	122	88	79	87	92	121	105	223	81	89	84	78	94	95	96	90	85	95	124	132	89	88
20	263	191	109	217	136	186	93	356	280	286	253	322	256	237	238	256	247	238	236	232	229	232	237	229
21	229	229	237	235	227	232	230	233	236	241	246	256	268	276	283	277	270	256	260	251	247	250	235	260
22	248	255	242	254	346	317	77	89	79	47	53	47	61	64	70	72	79	89	93	84	88	81	92	106
23	90	92	98	97	84	91	92	95	100	103	107	89	92	109	48	53	90	90	106	108	124	88	95	215
24	146	241	279	328	261	148	191	241	278	272	237	257	102	250	97	141	111	120	115	108	139	65	83	64
25	95	203	73	109	87	85	77	94	72	293	324	319	265	242	245	272	292	139	247	249	232	43	268	222
26	1	203	77	87	78	90	78	111	125	276	275	279	138	277	276	267	237	237	249	234	69	142	312	252
27	38	73	73	97	90	79	90	104	80	223	78	89	91	95	101	89	101	106	80	101	123	137	158	84
28	189	312	349	125	80	90	97	104	97	50	253	269	269	270	264	254	243	245	234	271	257	250	247	239
29	259	316	116	30	4	117	30	318	300	278	269	265	310	108	117	112	155	165	152	94	87	91	63	359
30	263	216	127	185	29	118	57	71	298	251	357	3	10	158	38	176	250	250	242	247	250	244	249	258
31	247	180	215	240	239	244	248	237	252	255	258	258	253	250	242	244	247	240	260	254	242	235	234	237

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Catalina Airport
ELEVATION : 1602 feet
PARAMETER : Wind Direction

LATITUDE : 33 degrees 24 minutes 00 seconds
LONGITUDE : 118 degrees 24 minutes 30 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	325	315	307	305	313	316	274	228	253	233	213	238	234	241	239	233	228	244	299	340	346	353	357	357
2	10	46	81	91	113	132	83	86	82	90	70	87	72	24	322	265	276	269	257	285	311	317	321	324
3	309	277	275	280	281	260	243	241	240	241	245	251	250	237	239	236	236	238	259	280	256	262	256	214
4	222	222	69	98	175	305	292	25	114	116	112	132	360	111	98	131	328	55	57	87	97	106	112	113
5	120	115	109	107	102	104	98	107	106	104	106	106	107	132	146	91	102	99	104	106	68	61	108	110
6	113	116	130	177	226	86	150	129	110	253	287	282	259	254	258	260	228	232	235	218	217	197	105	122
7	102	93	94	240	237	223	244	170	83	91	279	254	248	258	251	247	253	247	245	248	244	236	237	218
8	219	124	98	80	102	207	225	222	247	242	244	253	252	257	251	243	242	243	240	237	231	199	209	218
9	227	261	221	217	174	207	215	249	249	225	252	256	252	238	232	231	276	349	353	14	98	101	116	145
10	134	102	87	49	49	76	52	89	151	200	194	209	229	219	162	177	42	34	85	81	91	105	105	107
11	186	340	304	140	119	142	165	103	74	81	112	127	237	245	254	355	6	249	256	241	180	126	49	73
12	75	87	88	83	357	220	41	25	63	60	38	256	266	251	249	253	235	233	232	227	244	101	127	209
13	242	230	232	245	271	277	240	182	127	225	250	252	236	217	208	220	204	164	147	135	145	147	174	143
14	138	324	167	336	356	61	66	92	222	221	194	188	212	217	220	218	213	222	219	235	259	266	303	347
15	360	248	265	240	262	280	267	234	238	248	240	247	253	250	251	256	257	261	267	263	266	261	257	258
16	254	253	254	262	253	257	253	223	250	298	265	247	252	257	245	234	234	230	219	232	298	240	101	139
17	139	120	125	130	125	137	127	108	118	242	272	259	270	288	248	235	223	322	316	271	129	98	110	127
18	234	242	69	68	170	25	28	18	10	318	246	256	249	249	242	46	57	102	68	89	110	127	86	77
19	106	125	298	336	245	289	329	342	302	275	276	270	258	263	243	233	223	219	179	120	36	328	253	301
20	317	308	321	344	353	317	299	266	249	238	251	243	248	238	227	225	220	223	225	224	223	198	209	212
21	223	223	237	217	236	235	223	203	227	208	215	223	226	219	211	212	223	231	245	249	268	269	232	235
22	261	161	137	132	92	70	89	95	50	50	61	100	311	265	249	245	252	253	298	330	93	106	95	89
23	74	60	69	97	97	97	104	109	104	102	112	132	268	301	254	242	233	202	111	21	119	104	113	126
24	78	59	25	16	333	338	341	334	328	308	255	250	249	246	244	241	238	260	291	310	319	303	305	286
25	291	325	344	343	280	254	238	230	231	250	245	249	250	249	243	242	237	240	284	316	330	331	7	143
26	210	191	353	41	347	340	306	271	235	247	334	310	256	261	273	254	272	281	278	273	259	245	239	249
27	244	326	315	292	281	265	231	272	274	260	247	237	250	243	234	227	229	95	151	186	122	119	115	119
28	103	104	117	123	133	119	162	154	146	184	219	178	137	131	228	150	156	167	213	177	135	98	101	126
29	104	211	240	118	156	209	198	90	80	233	221	219	231	229	240	229	225	227	240	227	184	128	133	100
30	101	139	135	174	186	176	224	224	181	233	249	252	248	245	249	217	228	224	232	233	222	144	144	210
31	230	244	240	281	320	301	224	143	219	240	235	248	248	244	235	250	228	228	230	225	224	178	218	219

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : October

ELEVATION : 3325 feet

LONGITUDE : 117 degrees 02 minutes 22 seconds

YEAR : 1995

PARAMETER : Wind Direction

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	313	314	306	269	283	291	293	[PA]	360	273	241	194	97	90	118	98	86	124	104	56	54	59	319	334
2	6	251	280	351	339	351	33	53	86	171	109	88	113	126	86	101	119	128	108	91	80	81	288	320
3	312	315	290	278	288	292	292	283	247	250	248	228	226	229	228	232	249	231	230	235	241	232	235	241
4	234	246	252	257	292	315	31	58	46	35	44	43	51	43	53	58	62	70	80	71	63	68	71	78
5	80	83	83	86	88	83	89	93	84	82	77	79	81	85	85	86	80	84	74	69	69	68	66	67
6	81	88	145	88	75	75	39	355	95	125	180	98	99	136	184	188	157	127	165	204	217	247	268	251
7	229	239	277	279	280	271	258	264	242	230	236	231	227	222	245	241	217	204	215	228	250	254	255	284
8	277	251	248	257	256	271	307	307	275	275	309	289	231	219	212	222	233	300	335	260	254	247	240	240
9	241	241	233	235	253	261	262	256	241	230	270	279	280	253	228	282	236	267	25	87	140	208	289	281
10	268	320	319	303	303	327	341	93	102	93	122	119	98	102	107	73	82	63	83	93	156	236	275	279
11	286	270	263	312	292	250	190	183	292	251	279	218	206	198	211	221	222	211	226	234	239	230	240	252
12	250	248	256	255	270	267	286	251	242	291	263	247	245	276	273	256	291	329	320	340	22	38	69	26
13	38	44	47	50	76	78	67	71	81	79	78	86	80	84	83	74	74	73	56	58	53	62	52	53
14	51	57	70	91	80	77	86	104	96	89	93	87	83	89	81	79	77	78	74	71	70	72	71	68
15	67	82	100	91	90	90	90	110	334	262	200	206	204	208	204	202	202	209	233	250	235	231	235	233
16	256	259	255	250	248	250	242	248	243	247	251	267	264	259	273	254	251	252	255	271	284	273	268	269
17	282	291	277	275	292	308	305	268	270	304	230	200	154	95	89	89	80	87	81	69	89	167	190	294
18	313	299	276	304	260	285	277	294	313	321	330	203	143	169	172	213	206	142	83	71	289	235	321	291
19	299	310	314	309	14	52	55	75	83	87	91	83	78	78	81	87	87	85	82	85	68	61	62	57
20	65	62	44	350	325	322	322	319	316	292	296	253	244	222	234	246	249	235	253	231	245	242	232	232
21	235	240	241	238	255	237	234	248	253	238	235	228	231	232	228	234	228	230	229	230	230	228	231	237
22	243	235	230	238	223	56	29	17	18	19	18	20	20	23	42	36	43	63	67	73	70	74	70	65
23	69	64	73	82	86	83	67	65	96	82	79	87	90	79	84	80	75	67	53	46	57	34	180	184
24	209	235	269	269	280	331	323	317	263	320	219	217	204	206	207	208	231	239	89	86	92	110	154	193
25	234	255	284	270	256	254	247	246	232	248	302	289	229	236	242	258	313	329	309	308	244	253	281	261
26	251	281	264	269	275	260	261	256	247	254	250	268	269	240	242	247	250	246	273	286	274	258	256	253
27	261	269	280	290	297	291	272	218	208	189	194	159	96	99	108	117	103	98	96	91	95	118	219	287
28	319	310	281	223	250	267	290	273	85	341	81	101	163	121	112	176	190	174	207	256	230	251	252	231
29	228	284	6	299	317	314	240	286	286	33	198	101	110	199	139	150	134	110	101	71	66	61	72	58
30	86	39	79	10	51	75	77	91	96	100	135	104	139	102	142	118	129	113	130	225	248	258	253	266
31	258	296	307	286	294	275	253	232	250	236	229	243	249	231	234	244	229	225	225	235	233	223	232	254

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Ludlow
ELEVATION : 1782 feet
PARAMETER : Wind Direction

LATITUDE : 34 degrees 42 minutes 36 seconds
LONGITUDE : 116 degrees 09 minutes 15 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	199	222	234	254	262	265	282	293	339	327	343	348	6	7	356	5	351	343	257	181	197	193	197	210
2	234	207	193	218	251	266	289	291	339	350	339	335	342	337	332	342	340	329	245	191	187	205	214	253
3	211	254	273	262	240	261	269	276	272	270	336	22	320	283	296	258	198	183	239	266	210	92	280	280
4	267	274	286	290	313	327	324	347	6	16	9	19	16	16	5	360	349	355	352	360	64	20	282	57
5	98	136	117	72	30	355	5	19	333	329	338	344	348	344	344	347	345	330	244	189	98	187	192	194
6	232	223	177	205	254	261	241	297	348	5	17	27	100	117	120	138	143	141	149	170	219	216	177	194
7	192	219	235	244	165	231	299	266	275	298	5	326	306	341	336	2	77	141	84	216	182	205	247	255
8	258	260	256	258	256	261	258	264	270	292	340	359	74	140	136	96	125	151	156	168	186	199	235	240
9	242	254	256	250	260	252	259	281	272	276	250	297	29	356	314	314	341	169	172	224	257	247	195	186
10	174	229	209	206	231	213	253	324	348	18	9	78	126	130	125	126	122	137	161	184	190	173	155	244
11	217	206	233	238	206	231	242	280	40	16	11	73	132	148	133	122	142	139	164	184	193	240	259	280
12	272	274	263	248	252	252	254	258	262	293	351	327	302	244	345	13	360	333	323	197	188	198	209	217
13	249	216	262	332	310	229	258	329	341	346	349	8	10	10	15	13	22	13	284	49	303	315	201	177
14	206	248	239	242	246	262	263	290	336	353	347	339	346	348	356	350	355	1	245	212	189	188	199	217
15	226	197	208	235	197	161	189	293	328	358	26	124	128	128	124	125	171	198	178	199	254	220	93	326
16	212	261	253	262	264	252	261	264	279	338	333	330	333	346	342	340	335	285	264	267	234	194	240	249
17	252	258	258	254	260	262	260	271	276	320	344	339	325	344	333	340	343	325	199	194	190	203	185	221
18	258	224	205	243	249	81	216	271	7	98	151	140	136	146	138	134	140	136	141	150	146	196	186	179
19	178	255	199	174	185	190	207	299	340	29	4	17	335	108	74	141	164	162	169	179	150	207	202	204
20	197	220	231	206	221	218	114	20	325	8	353	328	58	96	343	116	120	156	264	188	196	275	188	233
21	247	249	185	246	226	227	210	267	4	36	38	22	259	272	287	285	262	248	287	271	285	288	267	271
22	281	285	296	338	351	5	14	11	5	7	10	21	9	357	2	4	357	350	343	139	180	142	128	273
23	15	275	264	263	278	210	252	159	327	349	346	331	339	347	344	297	324	328	86	190	179	205	204	254
24	254	242	251	250	251	264	271	280	323	326	344	339	342	350	20	22	358	317	203	201	199	190	214	233
25	247	237	207	258	254	259	264	271	329	15	6	3	3	29	45	15	342	285	237	190	183	209	248	221
26	229	262	255	259	257	261	259	266	271	329	353	358	352	356	355	348	333	313	215	253	265	205	221	291
27	263	272	265	270	260	258	338	277	293	316	340	344	338	348	333	327	329	197	186	190	200	201	207	233
28	200	239	217	202	228	85	192	72	34	27	78	135	151	149	137	184	139	140	198	168	183	200	192	224
29	212	283	211	270	198	181	216	209	357	27	325	359	337	345	359	137	215	176	179	190	195	192	208	189
30	187	156	208	204	188	233	186	285	64	148	150	138	142	153	131	135	133	132	144	169	162	186	146	150
31	155	152	160	172	151	178	201	190	149	138	135	141	144	142	141	133	130	134	154	144	163	189	243	247

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : October

ELEVATION : 2760 feet

LONGITUDE : 118 degrees 06 minutes 46 seconds

YEAR : 1995

PARAMETER : Wind Direction

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	203	221	222	225	207	211	258	18	49	51	38	48	15	41	37	20	12	329	229	93	194	187	222	225
2	225	223	216	213	221	224	220	11	45	37	43	34	53	61	55	43	38	2	221	215	246	239	223	221
3	235	238	241	218	202	208	213	158	78	64	212	234	237	244	241	244	240	255	269	262	255	244	243	276
4	293	277	256	264	268	264	161	62	58	54	67	78	71	76	82	75	73	73	112	106	72	86	4	322
5	328	316	303	329	313	284	304	23	54	68	61	64	64	65	64	66	68	67	192	212	202	217	282	249
6	229	237	225	223	230	207	210	79	10	353	341	38	35	40	52	294	253	239	207	197	255	75	113	75
7	117	219	198	215	195	195	154	88	40	91	246	249	260	262	254	242	239	217	212	204	224	232	220	217
8	176	178	208	249	223	228	228	19	64	6	48	28	353	6	322	250	242	238	276	170	194	209	214	250
9	220	198	247	223	224	225	236	41	76	49	357	335	337	356	328	323	276	228	206	69	137	201	223	213
10	207	234	227	239	245	223	232	294	21	35	11	32	81	33	334	270	252	246	233	227	215	216	222	271
11	79	77	316	97	203	230	219	214	32	50	42	51	65	185	195	211	246	229	280	258	272	260	261	227
12	233	207	249	249	255	203	260	53	90	41	358	31	342	344	359	317	262	220	294	174	219	206	241	216
13	217	218	256	226	270	214	318	44	31	31	63	66	68	75	71	75	72	74	101	133	142	261	263	305
14	277	274	232	218	237	238	236	283	347	352	28	30	44	32	33	25	306	229	231	214	220	229	249	200
15	208	249	236	238	222	164	258	258	28	37	284	245	204	224	205	213	256	252	246	281	224	173	222	240
16	80	98	58	56	116	205	225	208	59	48	24	75	18	359	339	268	214	212	250	233	149	287	237	274
17	228	160	247	233	240	240	213	292	13	34	49	57	55	44	50	44	35	286	238	244	202	203	236	221
18	218	203	224	230	223	249	190	288	15	72	49	39	49	342	243	241	243	221	218	216	217	26	55	45
19	216	237	258	178	200	261	270	115	40	348	9	17	19	51	64	63	63	207	185	208	202	231	256	215
20	224	205	226	228	229	233	223	299	57	12	27	1	358	275	254	264	247	227	255	235	197	240	250	247
21	240	219	206	236	226	244	242	252	238	235	234	260	262	254	244	250	256	268	222	260	221	158	211	258
22	40	133	103	144	262	159	195	307	43	68	63	57	66	69	64	62	66	67	87	97	95	98	96	96
23	350	287	293	295	292	295	289	327	349	41	68	71	70	48	69	52	45	33	303	276	243	260	266	265
24	266	251	205	209	228	205	224	208	58	35	33	35	40	73	78	30	360	238	251	247	261	253	215	181
25	217	242	240	211	235	239	208	136	49	73	42	45	59	114	71	255	245	276	34	129	244	199	244	199
26	207	271	205	239	216	225	230	161	68	63	61	338	350	50	56	297	274	198	205	251	244	237	226	170
27	216	91	75	273	233	252	230	302	29	69	35	337	12	24	66	293	263	222	222	234	210	95	206	235
28	212	203	198	69	226	250	260	287	60	350	330	28	33	34	26	224	205	15	194	221	144	182	167	184
29	299	121	152	249	177	184	199	249	158	52	38	36	169	255	245	242	227	209	207	243	241	215	226	217
30	235	231	251	219	198	237	249	262	59	359	341	330	95	251	245	234	216	218	209	215	213	215	210	209
31	215	212	207	209	210	206	200	120	98	254	291	221	223	213	217	220	216	345	7	226	246	283	354	271

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Baldy Mesa

ELEVATION : 4250 feet

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

LATITUDE : 34 degrees 23 minutes 20 seconds

LONGITUDE : 117 degrees 26 minutes 33 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	6.7	7.5	8.1	6.2	18.7	11.6	22.9	12.3	23.1	32.8	33.2	37.8	45.0	42.0	27.5	20.9	17.5	9.8	19.6	6.7	5.9	5.5	7.0	6.4
2	6.4	6.8	6.9	8.3	7.1	6.6	5.7	13.5	17.6	27.4	27.0	30.5	27.4	29.0	23.9	19.0	15.2	8.9	7.6	11.8	31.5	12.7	12.7	12.4
3	6.3	4.9	3.4	6.3	5.5	8.0	35.1	20.5	41.1	46.7	47.5	35.3	20.3	14.1	10.9	11.0	10.9	10.5	9.9	8.8	13.6	12.8	12.5	11.5
4	11.7	11.3	11.3	32.4	9.1	10.1	9.3	9.8	13.5	17.8	17.0	18.8	19.2	22.0	21.0	15.8	11.3	11.3	9.3	9.0	12.7	13.8	16.8	21.3
5	13.2	6.3	4.8	5.2	6.9	8.4	9.5	14.2	14.9	17.0	19.3	24.9	26.4	25.8	23.6	31.5	14.6	8.4	6.3	6.8	6.4	7.1	6.0	6.7
6	7.2	4.7	4.8	10.5	9.6	11.4	11.8	19.1	34.0	23.9	47.4	29.3	15.5	12.6	12.7	10.4	10.7	8.8	7.2	7.5	7.2	7.4	9.0	7.7
7	7.8	8.2	7.9	8.1	9.1	9.8	8.7	8.3	10.6	10.2	11.9	12.1	10.3	10.1	10.7	10.2	9.2	8.7	7.9	7.6	7.9	7.9	7.3	7.5
8	7.7	5.7	5.5	10.1	29.9	7.6	12.8	42.6	38.9	46.2	39.2	44.8	25.9	15.1	12.5	11.1	8.9	7.8	7.3	16.2	10.7	8.6	5.2	5.2
9	13.1	6.8	27.5	8.7	6.8	5.8	23.5	39.9	27.1	38.2	43.8	30.9	23.5	19.2	16.3	10.7	8.6	7.3	6.8	4.9	5.1	4.1	9.0	13.2
10	21.7	6.0	19.4	20.6	5.0	6.2	8.6	33.3	23.4	24.1	34.7	24.1	19.3	23.4	15.7	14.7	10.8	6.1	6.0	7.5	7.3	7.2	6.7	7.1
11	6.6	3.6	5.7	5.1	7.2	23.6	28.9	19.3	29.9	25.4	13.1	15.3	14.8	14.0	11.0	10.0	13.1	14.5	14.4	7.5	7.3	6.7	7.9	23.7
12	12.4	35.4	21.0	21.3	12.1	33.5	12.6	21.7	36.0	38.7	40.1	48.2	40.2	36.3	14.7	11.3	8.7	7.4	6.1	7.0	6.3	6.8	6.1	7.0
13	7.8	6.1	4.2	5.7	5.6	4.9	6.3	10.2	16.3	18.5	19.0	19.8	24.1	25.2	20.5	16.5	13.2	9.3	7.0	6.9	8.7	9.1	8.8	7.3
14	7.7	7.7	8.8	10.6	13.9	7.0	9.3	13.7	21.0	16.5	18.2	24.9	25.0	46.2	18.7	18.0	12.2	7.9	11.9	4.3	15.2	3.4	4.1	3.7
15	3.3	4.4	5.0	5.8	7.1	4.4	5.4	9.9	11.4	11.4	13.3	10.8	13.0	11.6	11.5	11.0	10.4	13.2	8.8	13.4	7.7	7.2	10.8	9.3
16	7.4	9.5	6.5	5.5	20.7	22.5	30.3	12.1	16.1	19.0	21.3	25.3	25.5	26.3	22.5	26.1	8.2	6.7	5.0	7.6	7.7	7.3	40.9	10.1
17	10.3	10.5	9.6	3.8	3.9	4.5	7.1	10.1	16.0	20.1	18.1	22.2	22.0	26.5	32.8	22.0	12.8	6.7	6.1	6.6	6.7	7.4	8.9	5.6
18	7.6	6.9	8.5	10.4	8.1	7.9	7.4	10.7	12.9	12.9	15.6	20.9	17.5	12.0	10.9	10.2	9.5	7.8	8.6	9.3	7.5	7.1	7.1	7.0
19	5.7	12.8	7.4	7.6	22.6	9.9	10.0	15.6	16.8	21.3	15.4	21.3	29.2	22.8	24.2	14.6	11.7	14.4	7.2	5.8	6.4	4.9	4.6	7.2
20	6.1	6.5	3.9	3.1	14.6	8.8	8.5	12.3	26.4	42.4	37.7	38.5	40.2	17.6	16.5	10.6	7.9	7.8	6.8	7.0	9.1	9.2	6.6	5.7
21	6.2	7.4	7.2	7.8	7.8	6.6	7.7	8.7	10.9	10.0	9.9	11.0	10.6	10.5	9.2	8.6	10.1	14.2	15.9	12.4	14.2	12.7	10.4	8.4
22	8.4	8.9	10.1	15.0	31.5	8.8	17.1	14.6	14.2	15.5	17.5	16.8	16.3	18.4	12.6	13.9	11.2	11.6	10.5	7.9	6.5	5.8	7.6	6.2
23	7.0	9.3	17.5	15.2	17.2	18.1	14.7	13.6	20.4	20.1	20.6	21.4	21.7	22.2	23.8	19.8	11.9	9.2	7.3	11.6	8.3	9.1	7.6	6.3
24	5.6	5.7	6.7	5.6	3.5	4.9	9.1	15.2	21.1	22.0	29.2	44.8	43.2	47.9	29.6	34.7	33.2	6.2	5.2	5.0	9.1	12.0	9.0	6.3
25	9.0	21.6	5.4	6.1	10.9	7.4	20.2	20.6	27.9	44.2	53.2	58.7	67.4	21.5	15.4	10.4	9.6	8.6	6.8	14.0	7.7	31.0	17.2	15.7
26	16.1	31.4	8.4	3.6	5.1	4.4	4.6	13.7	19.2	23.4	32.3	43.9	27.7	22.4	21.9	22.6	11.8	11.1	14.7	11.5	7.3	3.7	9.9	8.0
27	8.7	15.2	44.7	16.2	21.0	5.0	16.9	26.4	27.4	27.1	36.6	23.2	25.3	27.0	13.0	11.2	9.3	6.2	7.0	6.7	7.5	9.4	8.4	8.4
28	7.7	7.6	6.5	4.9	4.4	4.0	5.5	9.0	10.8	9.1	10.3	10.6	13.0	10.6	9.9	8.7	10.2	8.9	8.9	8.4	8.0	9.7	9.7	24.9
29	27.7	14.1	5.4	4.5	5.5	7.0	8.3	8.8	8.2	45.1	35.0	53.7	51.7	27.1	11.1	10.9	7.5	11.4	11.2	8.4	5.5	5.7	6.6	6.3
30	5.5	5.4	7.1	3.8	4.2	6.1	7.9	15.6	31.9	27.9	30.3	12.5	12.1	11.9	11.6	12.0	8.2	8.3	7.4	7.4	9.1	8.1	7.4	7.6
31	7.5	7.4	8.0	7.6	8.4	8.0	8.5	8.1	7.9	7.8	8.4	8.8	8.5	8.9	8.6	8.8	9.2	8.6	8.7	8.9	9.6	9.1	9.1	9.8
AVG.	9.2	9.9	9.9	9.2	11.1	9.4	12.7	16.2	20.9	24.6	26.3	27.1	25.2	21.9	16.9	15.1	11.5	9.3	8.8	8.5	9.2	8.8	9.7	9.5

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : October

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 seconds

YEAR : 1995

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	46.1	31.9	32.2	11.8	15.7	10.1	14.7	25.3	48.0	47.7	54.5	36.0	35.0	46.7	54.1	53.7	25.6	13.5	14.6	39.9	29.6	31.5	54.4	33.4
2	17.1	40.0	12.3	30.2	47.3	36.4	34.9	23.0	42.3	48.3	29.1	35.3	49.4	55.0	25.3	41.4	48.2	7.8	27.6	12.2	11.9	48.1	35.4	15.3
3	23.6	19.0	21.0	27.3	16.4	15.5	15.5	24.8	37.8	29.2	22.5	18.4	19.4	19.5	12.1	10.5	9.9	14.2	18.1	17.5	17.6	15.9	16.3	17.7
4	16.0	17.4	14.9	13.6	15.9	55.4	36.6	16.2	19.0	19.5	22.6	25.3	20.6	21.9	21.6	14.7	12.7	10.4	8.4	9.6	8.6	9.1	8.8	8.0
5	8.6	8.6	15.2	22.7	14.0	7.8	9.4	11.4	12.0	15.0	15.6	19.9	20.6	18.0	18.5	21.9	16.0	11.0	7.6	13.5	8.2	8.1	9.7	14.2
6	9.9	8.3	6.8	7.1	9.2	14.7	7.9	16.1	26.6	36.1	51.8	43.2	56.5	65.0	57.6	37.4	19.0	11.8	14.8	19.7	15.1	14.1	21.7	20.6
7	34.3	13.8	14.3	14.2	17.2	20.1	33.2	45.2	19.4	21.7	22.9	29.5	36.0	42.7	33.5	28.1	19.4	17.0	15.0	14.8	16.6	16.0	18.0	18.5
8	37.0	33.3	14.2	10.4	14.1	10.6	12.4	15.3	36.1	39.2	48.1	66.3	49.0	68.5	62.8	28.1	21.3	12.1	13.7	17.4	16.6	18.5	19.1	18.6
9	18.7	17.8	45.0	39.2	13.5	18.7	12.3	12.5	46.3	39.8	42.3	57.5	65.2	43.4	49.5	61.1	26.1	10.9	28.3	36.7	35.0	19.7	13.2	13.7
10	30.0	7.7	22.1	16.0	11.9	14.7	20.9	26.4	17.0	23.0	47.2	37.2	26.0	34.9	38.5	39.1	19.0	13.0	17.0	16.3	29.6	26.5	28.4	30.3
11	12.0	12.8	9.5	8.5	18.1	26.8	11.1	12.3	15.0	24.4	64.6	48.0	53.8	37.7	24.1	25.7	19.7	16.0	14.1	15.4	23.1	22.4	37.8	35.7
12	57.2	17.9	51.8	26.9	26.4	31.1	38.6	16.8	17.7	20.7	25.4	31.6	35.8	31.8	60.8	46.7	36.0	30.0	12.0	29.2	40.4	18.2	16.5	32.6
13	38.3	18.8	29.9	12.2	20.5	11.3	16.5	23.2	15.3	15.2	15.3	19.2	17.3	16.6	17.3	16.3	13.1	10.9	10.6	6.7	10.1	10.4	9.5	6.6
14	7.5	32.2	20.3	18.9	10.9	16.9	32.6	21.8	25.5	42.2	20.3	18.1	18.0	17.9	16.4	18.7	13.1	7.9	17.3	12.5	6.8	8.5	11.7	27.5
15	13.8	15.7	16.5	22.4	22.8	18.3	55.1	61.1	35.4	30.4	46.4	26.5	19.1	21.5	18.9	19.0	18.2	18.1	17.5	16.1	14.4	17.5	14.4	13.4
16	14.0	17.3	13.5	13.6	12.4	12.7	18.1	19.7	20.3	21.0	34.2	40.6	33.5	35.2	30.0	32.5	17.1	16.3	16.8	17.0	15.2	20.8	37.7	35.3
17	20.6	9.9	13.2	15.9	10.4	20.6	15.1	33.0	35.1	25.4	45.9	59.2	43.6	25.0	21.0	14.4	10.9	28.9	20.1	12.5	30.6	9.7	25.8	14.6
18	16.5	9.7	19.0	18.6	9.7	17.5	9.9	11.6	27.4	40.0	45.4	47.6	59.2	64.3	52.5	42.1	18.1	14.7	15.4	14.7	38.7	33.0	46.2	19.3
19	23.1	22.5	18.8	10.9	10.7	6.9	17.2	14.9	38.5	59.0	17.1	15.1	16.6	17.0	14.1	14.2	10.9	7.2	5.3	7.0	12.8	12.5	7.1	36.7
20	18.8	16.0	14.0	22.0	8.5	5.5	13.0	15.2	21.5	23.4	40.2	77.9	50.8	31.1	22.2	19.8	17.0	13.9	14.0	13.4	12.9	13.8	15.1	13.0
21	12.4	13.0	15.2	14.5	11.9	13.7	13.5	13.5	14.3	15.9	18.1	18.8	16.2	13.3	10.9	10.5	13.8	18.1	17.7	16.8	16.5	16.6	16.7	18.0
22	17.4	16.7	17.3	56.3	55.6	40.3	13.8	14.9	16.7	20.3	19.6	18.7	17.5	19.3	16.8	16.6	13.8	8.6	8.0	10.7	7.8	7.1	6.0	9.8
23	11.5	6.8	8.1	8.9	9.3	6.8	9.6	11.1	15.2	15.5	17.1	22.6	27.5	22.7	37.0	48.5	14.3	7.9	9.9	7.8	10.2	22.1	28.6	21.1
24	31.6	9.6	10.6	18.0	20.4	29.9	9.8	20.8	21.4	39.1	63.7	57.2	66.8	71.8	49.9	38.9	47.1	14.0	13.5	20.2	23.2	20.5	21.3	21.2
25	43.1	30.2	18.6	12.0	18.2	8.5	18.5	18.0	38.2	47.3	60.7	38.3	54.1	63.8	35.2	30.7	17.1	42.4	25.4	18.8	18.4	27.1	18.3	42.1
26	31.9	29.5	22.3	15.2	23.3	10.1	24.3	15.0	38.7	21.0	24.0	42.0	67.4	45.7	25.1	17.8	17.1	28.9	24.3	39.0	27.4	17.9	24.4	33.5
27	27.3	17.5	16.3	8.8	46.8	15.5	15.4	16.5	45.6	37.6	55.7	19.2	16.6	24.2	22.4	19.0	10.7	10.4	5.3	6.0	52.4	22.6	26.0	12.4
28	24.2	13.0	20.0	20.4	14.4	9.3	8.0	13.2	17.7	43.1	28.6	19.4	17.1	17.1	19.1	21.8	12.9	22.2	47.8	12.0	13.2	17.4	17.4	18.4
29	16.1	42.9	42.3	42.4	18.4	23.6	53.4	28.9	39.9	22.9	19.4	36.6	41.6	45.2	42.5	43.8	11.8	15.1	30.6	29.9	9.7	18.1	10.8	48.5
30	40.5	36.3	22.7	30.7	32.9	24.5	25.9	19.6	37.6	46.3	56.2	64.4	85.4	41.9	33.0	37.8	27.0	17.7	14.6	16.6	16.9	15.5	17.1	16.8
31	33.4	20.7	14.9	17.9	14.9	15.6	18.9	17.7	23.8	20.1	19.5	19.4	18.8	17.6	16.0	15.9	16.5	16.0	18.9	18.0	17.0	14.4	17.9	15.5
AVG.	24.3	19.6	19.8	19.6	19.1	18.4	20.5	20.5	27.9	30.7	35.3	35.8	37.2	35.4	30.9	28.6	19.1	15.7	16.9	17.4	19.6	18.5	21.0	22.0

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Catalina Airport
ELEVATION : 1602 feet
PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

LATITUDE : 33 degrees 24 minutes 00 seconds
LONGITUDE : 118 degrees 24 minutes 30 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	7.5	6.6	5.5	5.4	6.9	10.5	9.3	13.5	39.2	38.9	17.1	15.7	15.6	10.2	10.2	10.0	10.0	7.6	9.7	7.4	9.3	9.6	8.8	6.2
2	4.4	3.9	12.9	8.2	7.4	10.0	14.9	22.9	21.8	17.8	15.3	19.1	25.3	22.5	19.5	17.3	9.9	8.0	6.8	8.4	7.0	7.6	7.6	7.4
3	5.7	7.0	7.6	6.6	6.4	6.5	3.8	7.2	9.8	10.8	9.9	11.9	10.8	11.0	9.9	10.2	8.9	7.9	10.0	17.5	11.2	13.1	18.6	10.8
4	43.0	23.8	50.3	13.3	33.4	15.4	17.8	23.5	30.2	52.4	21.6	22.8	[PA]	13.6	18.6	52.6	40.2	29.2	6.7	10.3	8.2	7.6	6.6	7.2
5	6.8	6.8	7.6	5.9	6.8	9.9	8.8	10.6	13.3	11.6	12.7	13.3	15.3	31.7	39.4	23.8	11.8	8.9	6.8	8.9	10.2	8.8	11.1	6.5
6	5.0	4.7	6.2	26.8	42.4	25.9	27.2	31.3	36.5	41.1	37.4	44.3	26.8	14.5	26.9	17.4	13.9	8.4	8.0	10.5	20.3	21.4	18.5	24.9
7	19.3	25.3	31.6	36.2	13.7	14.9	14.2	41.7	37.8	37.4	38.3	36.8	13.6	13.3	11.5	10.5	11.7	9.3	6.2	6.6	7.1	6.4	7.3	16.0
8	35.6	26.1	20.3	16.9	44.9	38.0	33.1	21.9	13.8	12.7	10.7	11.2	12.0	12.4	9.7	9.5	8.2	7.7	7.3	8.5	7.4	10.7	8.0	30.2
9	18.9	12.0	37.3	14.0	34.9	22.2	36.0	33.0	24.7	31.3	14.3	17.7	14.5	14.4	10.1	7.1	35.5	12.6	6.0	23.5	19.9	11.8	8.6	19.2
10	21.3	39.3	13.0	6.7	12.1	19.8	12.7	32.1	26.6	9.5	19.9	24.7	18.5	15.7	33.6	52.4	37.7	34.0	42.3	8.5	8.9	6.9	11.3	21.7
11	48.0	19.1	24.2	51.1	18.4	15.1	23.3	30.2	23.3	19.0	13.7	26.7	28.6	12.2	14.5	34.7	46.1	16.3	28.2	15.9	33.2	37.6	30.7	25.4
12	16.0	14.0	32.2	47.5	38.9	23.0	34.9	17.7	23.3	38.5	26.9	42.4	22.2	16.5	12.5	13.5	8.5	7.5	7.4	6.7	42.7	34.5	40.0	13.1
13	31.4	6.3	6.6	11.5	9.9	11.8	42.0	41.4	61.7	37.5	18.7	22.3	17.1	18.4	11.7	8.1	18.6	20.1	19.4	11.0	11.8	12.5	10.9	26.0
14	33.6	29.7	32.0	24.6	10.8	15.7	10.7	23.3	14.6	9.2	15.6	51.2	15.5	12.8	9.3	8.0	5.8	6.3	5.7	10.8	17.2	11.5	33.1	8.1
15	16.9	23.6	13.0	19.3	20.0	10.0	36.8	12.5	10.3	13.1	11.5	10.9	10.1	10.7	11.1	8.8	8.0	9.2	10.9	9.7	10.3	8.8	10.1	9.5
16	9.9	12.1	10.6	8.3	6.6	8.0	13.0	24.2	38.0	38.2	24.3	16.2	19.3	18.5	11.9	12.9	9.3	7.9	5.1	6.7	32.7	34.7	18.3	9.3
17	8.8	8.2	7.7	9.6	9.2	9.1	12.1	12.8	45.7	35.4	20.7	21.4	22.6	20.7	14.1	9.9	14.1	21.5	19.5	14.6	14.8	18.9	40.1	48.1
18	41.7	64.2	27.6	33.0	44.3	39.8	18.7	15.5	32.7	51.3	35.8	13.9	13.6	12.8	17.1	33.1	22.3	31.2	26.0	18.9	14.4	16.6	29.3	11.4
19	26.2	23.2	60.6	31.1	24.0	21.0	22.7	20.3	29.8	31.9	21.9	22.2	17.7	19.7	11.3	8.1	7.4	8.3	16.9	17.0	11.5	15.9	17.4	12.9
20	8.0	8.8	9.4	9.2	9.6	8.5	9.7	15.1	20.7	20.3	11.7	14.0	13.3	9.8	9.5	7.7	5.0	4.8	7.2	8.8	12.1	11.4	36.3	4.9
21	9.1	9.6	11.3	11.9	11.7	12.2	9.1	15.6	16.2	17.6	22.0	17.4	13.9	15.4	12.2	12.5	11.6	13.2	18.0	13.9	15.1	21.9	17.5	17.4
22	20.3	14.8	13.1	9.5	10.9	10.4	13.9	17.1	23.5	24.0	20.8	37.8	37.9	30.5	18.0	10.3	9.9	6.7	11.2	9.2	23.8	5.7	6.4	6.1
23	5.6	5.6	6.9	6.5	6.0	7.6	6.6	14.3	16.7	19.7	20.5	55.6	25.7	53.0	27.2	11.6	7.6	12.5	18.2	31.3	31.6	8.2	10.3	14.4
24	6.2	6.7	4.3	5.8	11.2	10.4	6.1	9.6	13.3	21.1	18.8	11.2	10.3	9.6	7.8	7.2	5.4	8.1	5.5	6.6	7.5	5.2	7.3	6.1
25	10.3	8.5	6.0	6.0	15.4	11.2	7.7	9.9	17.8	37.7	14.7	11.1	11.5	10.1	11.5	7.8	9.1	8.0	6.7	7.3	6.6	9.2	28.2	58.2
26	25.3	26.6	10.0	23.2	21.1	8.1	9.8	19.8	12.7	17.9	16.7	27.9	17.5	18.7	19.0	13.7	13.4	9.7	8.4	9.0	7.7	10.2	2.4	3.4
27	24.4	21.8	16.6	17.6	37.1	9.3	5.2	42.5	27.9	15.7	10.6	26.0	31.7	10.1	14.3	10.4	9.4	25.4	14.8	24.9	26.7	9.6	8.0	6.3
28	12.9	7.8	6.7	18.9	14.3	10.2	28.3	17.0	49.7	42.9	25.8	22.0	57.0	49.0	16.9	49.1	30.2	43.8	45.1	27.2	24.0	10.3	15.2	9.0
29	11.3	23.1	45.3	33.8	35.2	19.3	31.3	29.9	21.1	37.2	29.1	15.9	13.2	16.0	19.9	13.9	11.5	9.4	11.2	15.0	18.3	9.3	20.5	49.3
30	17.9	10.0	9.0	14.1	12.8	12.2	8.4	10.9	33.2	57.1	8.6	9.2	10.4	12.4	11.7	11.4	12.3	10.8	7.7	7.5	11.2	24.4	17.5	16.6
31	11.5	11.6	11.2	11.6	9.4	33.2	27.1	21.0	19.1	11.8	14.4	12.1	11.0	15.2	13.4	8.4	8.9	7.5	7.7	6.4	9.8	24.0	27.7	13.2
AVG.	18.2	16.5	18.0	17.6	18.9	15.5	17.9	21.2	26.0	27.8	19.4	22.7	19.1	17.8	15.6	16.5	14.9	13.6	13.2	12.5	15.9	14.3	17.2	16.7

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Flash II Mountain

ELEVATION : 3325 feet

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

LATITUDE : 34 degrees 58 minutes 15 seconds

LONGITUDE : 117 degrees 02 minutes 22 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	3.5	2.5	4.8	17.7	10.3	6.2	6.3	[PA]	[PA]	32.5	25.6	37.8	36.0	35.2	42.2	50.0	54.4	38.7	11.9	5.6	3.3	35.8	12.9	31.2
2	20.7	48.8	26.7	15.5	11.4	14.9	14.5	23.5	16.6	45.3	43.5	16.3	30.2	47.4	29.9	33.8	37.7	29.9	7.6	3.4	7.8	4.5	37.3	5.5
3	2.7	3.7	14.2	9.0	6.8	4.5	4.3	11.0	11.2	18.2	23.8	14.6	16.7	12.7	11.4	14.0	16.2	13.5	9.4	11.8	13.1	12.7	12.1	12.5
4	13.8	13.5	16.6	14.1	21.1	10.2	13.9	10.7	12.4	9.0	11.6	13.1	14.6	12.6	15.8	12.7	10.7	9.6	10.8	8.9	7.7	8.4	9.2	11.1
5	11.2	9.6	9.5	8.1	6.9	9.6	5.4	5.4	11.3	12.6	14.9	14.5	17.0	17.0	20.6	12.3	12.8	9.3	9.7	7.1	5.8	5.5	4.4	6.0
6	7.3	3.1	13.6	22.9	22.4	18.5	34.6	72.1	18.2	42.8	41.8	26.7	32.8	53.7	51.5	52.0	51.1	27.6	43.6	15.9	10.2	18.4	16.3	9.5
7	11.4	8.9	18.2	21.3	20.0	17.7	14.3	23.3	14.7	12.8	25.9	21.9	24.2	18.2	39.1	45.3	19.1	8.3	7.6	8.7	9.4	15.0	21.0	25.1
8	26.2	24.2	24.9	16.4	17.9	24.9	9.4	4.9	24.7	28.7	25.8	42.4	26.4	27.9	23.6	18.8	17.0	16.9	4.0	14.1	8.8	8.5	8.4	8.9
9	10.1	8.7	7.6	8.9	7.0	5.1	11.2	14.5	13.1	11.9	35.4	38.6	40.0	43.9	22.2	45.1	24.5	14.2	10.2	22.7	8.2	8.5	11.1	21.8
10	12.9	3.7	3.1	8.4	5.7	6.3	53.2	29.8	26.6	23.0	40.1	33.2	21.8	23.7	31.8	21.0	16.7	8.6	8.0	4.8	17.0	17.0	23.5	22.1
11	20.3	14.6	6.1	7.2	15.0	4.8	26.3	26.8	43.5	40.7	37.0	36.7	33.4	39.5	33.0	18.3	9.9	9.8	21.3	13.2	13.4	9.6	12.0	12.4
12	19.2	10.2	11.4	27.6	22.6	14.1	10.3	13.9	15.8	25.0	32.4	29.2	28.8	38.9	37.5	36.2	33.1	8.2	7.5	8.9	4.0	2.7	52.6	11.7
13	5.6	6.8	6.9	8.1	9.4	10.8	8.8	11.7	11.8	12.1	12.5	11.1	13.4	12.5	11.8	12.6	10.8	10.3	8.1	8.4	7.3	6.1	5.3	5.5
14	5.8	6.6	8.3	7.5	9.5	9.3	5.4	12.3	8.7	12.6	11.1	11.1	13.1	14.2	12.4	11.9	11.6	11.3	10.5	8.7	7.6	9.3	8.7	5.9
15	6.1	6.3	4.2	3.0	4.9	7.6	17.1	35.6	27.3	34.6	26.0	14.5	19.7	11.1	9.6	8.1	7.3	10.6	13.1	11.5	10.8	7.4	8.9	9.2
16	18.7	23.8	9.4	8.4	9.0	7.9	8.8	17.2	17.8	18.5	23.4	32.4	28.3	30.3	34.3	29.8	27.0	26.4	28.1	25.2	22.3	22.6	14.7	21.5
17	11.9	6.6	17.1	11.2	7.5	7.5	10.6	31.5	56.3	62.0	29.9	36.0	54.8	31.9	25.0	21.8	11.6	6.7	7.3	7.9	31.4	7.5	49.5	18.6
18	2.3	15.0	9.0	3.2	7.9	7.1	9.4	8.6	5.2	8.0	38.4	45.5	47.9	58.1	52.9	24.7	32.4	37.1	9.5	9.5	23.3	23.6	4.7	12.6
19	7.2	1.7	1.8	12.7	12.0	4.5	5.1	9.4	10.8	10.1	10.2	12.9	13.0	13.1	12.7	10.7	9.8	8.6	10.3	7.7	7.8	5.6	5.8	5.5
20	5.9	7.7	13.3	32.9	6.2	3.0	2.4	2.5	4.2	27.9	26.7	32.1	27.2	20.7	29.6	26.7	27.3	10.4	9.1	9.5	11.1	11.3	11.0	11.2
21	11.2	12.9	10.8	11.2	9.9	12.8	11.1	11.7	13.9	14.5	18.5	11.3	13.3	15.4	12.7	16.0	14.0	14.5	11.8	10.9	9.7	8.0	8.5	13.9
22	13.6	13.1	9.0	9.8	46.9	17.4	13.4	6.9	7.9	7.5	8.0	9.1	8.6	9.0	11.2	10.5	8.9	10.2	8.1	9.7	8.9	11.0	9.0	7.0
23	7.4	7.1	9.2	9.8	7.6	9.4	8.6	11.3	16.0	14.5	15.1	20.1	25.3	24.8	35.4	16.8	11.6	7.7	6.9	5.5	6.0	4.5	29.8	11.9
24	5.4	5.5	14.1	11.7	16.1	5.1	3.9	8.9	33.0	47.3	18.4	18.7	32.0	26.4	27.3	23.2	11.7	40.3	6.3	5.5	5.1	4.1	12.7	5.5
25	16.2	17.4	7.3	7.1	9.8	7.1	7.9	10.6	14.9	25.8	28.5	30.1	16.6	20.3	24.8	26.0	19.7	3.9	9.8	7.8	11.8	10.4	14.9	16.6
26	12.0	14.8	9.4	10.8	13.6	10.0	13.1	20.9	23.5	23.5	23.3	33.9	32.5	18.4	18.3	21.9	23.9	24.1	26.9	22.7	24.5	23.3	16.3	23.8
27	18.0	8.1	8.2	10.2	6.4	9.4	15.2	44.4	15.6	41.6	27.5	35.4	16.0	15.0	19.9	25.0	8.0	3.6	3.0	2.8	3.8	17.9	7.6	15.9
28	2.5	6.8	11.5	6.1	7.9	7.4	10.2	36.3	45.4	30.4	28.0	31.7	45.0	33.7	27.3	39.9	28.5	29.2	18.8	19.0	13.0	9.6	18.6	10.0
29	36.2	39.3	7.7	20.3	6.4	8.4	16.4	12.6	14.4	10.2	52.1	32.9	27.0	32.1	41.2	45.3	38.5	6.1	5.2	7.2	7.9	7.8	5.7	31.1
30	21.8	28.7	40.7	23.3	30.8	17.4	8.4	9.7	10.8	14.0	43.4	27.8	45.7	50.1	57.9	39.5	37.3	10.6	19.5	10.4	15.0	20.0	8.7	18.3
31	12.9	10.0	6.6	14.5	17.0	15.5	7.8	10.1	17.5	15.4	16.3	23.7	29.5	16.4	18.0	18.9	11.3	6.8	7.8	12.0	9.1	7.3	8.3	20.8
AVG.	12.3	12.6	11.7	12.9	13.1	10.1	12.5	18.3	18.8	23.6	26.3	25.7	26.8	26.6	27.1	25.4	21.1	15.3	12.0	10.5	11.1	11.7	15.1	14.3

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : October

ELEVATION : 1782 feet

LONGITUDE : 116 degrees 09 minutes 15 seconds

YEAR : 1995

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	12.6	12.0	13.2	8.3	8.0	9.1	8.2	17.9	23.2	30.5	18.1	18.5	21.1	37.9	39.0	30.0	16.7	10.1	22.5	9.3	15.1	10.7	4.8	12.2
2	22.3	17.0	12.6	25.9	11.9	12.4	13.4	10.8	18.4	14.3	16.0	18.1	22.2	20.4	18.1	17.1	11.8	8.1	14.9	6.7	8.3	7.4	8.0	24.2
3	13.7	18.4	22.9	26.2	23.2	31.5	10.8	8.4	9.3	9.4	35.5	38.3	49.9	35.2	19.9	34.0	23.4	16.6	11.6	18.4	18.1	45.1	14.1	11.5
4	8.0	8.1	6.6	8.2	8.2	7.4	12.1	10.3	12.0	10.6	14.9	12.3	12.1	12.9	16.0	13.8	10.5	11.9	10.6	11.8	16.4	29.9	43.4	42.5
5	40.5	32.4	36.2	19.1	20.0	40.5	28.5	18.2	18.1	22.5	14.9	14.0	19.1	19.5	15.1	16.4	11.7	8.7	26.3	11.9	29.3	38.2	5.1	6.7
6	18.5	8.8	28.0	21.0	27.8	23.3	19.6	8.3	15.2	23.6	41.2	50.7	32.3	23.8	17.0	14.4	12.0	8.4	7.2	18.5	66.8	20.9	7.7	5.5
7	5.0	12.2	28.9	9.2	50.8	30.8	33.4	10.6	13.5	31.8	47.0	47.5	45.0	47.1	37.3	31.3	25.0	8.4	33.2	38.3	40.8	10.8	11.4	7.4
8	9.0	8.4	8.2	9.3	10.2	9.9	8.1	7.6	11.9	28.4	54.2	43.1	40.7	28.1	33.3	23.7	20.2	7.2	5.3	6.3	16.6	28.9	20.3	6.8
9	9.4	20.8	9.5	8.4	9.3	8.4	9.5	11.2	12.7	17.7	39.1	43.0	50.9	32.6	43.1	33.6	33.1	17.6	33.4	37.2	20.6	14.6	12.6	
10	16.3	16.5	18.1	14.4	24.4	36.6	35.9	21.4	19.5	18.2	36.4	33.5	22.1	21.6	21.3	17.5	9.6	6.7	5.9	3.3	7.1	12.2	29.9	17.5
11	11.0	11.1	10.6	22.0	25.7	22.7	27.6	27.2	21.5	23.1	30.6	33.0	20.5	22.2	19.9	13.1	14.9	11.9	8.4	10.5	35.7	21.2	41.3	24.4
12	10.9	9.8	9.8	7.7	8.5	9.2	10.1	8.4	11.4	30.6	27.4	51.6	57.0	45.6	51.1	23.8	16.9	21.4	34.0	7.7	3.2	8.5	9.0	11.2
13	21.1	15.6	12.4	13.4	26.0	12.1	13.2	17.3	9.1	12.1	19.4	19.3	17.4	16.3	14.8	13.4	10.4	12.7	18.5	41.5	53.3	42.2	11.9	7.6
14	12.6	13.1	20.5	15.4	14.8	10.6	11.6	10.7	24.4	16.5	20.1	25.2	29.1	39.1	26.8	30.0	19.7	18.8	22.5	13.7	5.8	6.3	7.9	12.0
15	12.0	6.9	15.1	13.0	9.1	51.4	22.8	19.7	18.0	37.3	41.5	21.6	12.2	10.7	10.5	11.6	14.0	11.6	9.3	11.3	10.2	39.8	58.1	54.0
16	39.0	9.1	7.3	8.6	7.7	6.4	8.6	8.4	11.9	21.1	21.8	25.4	31.5	17.0	15.9	16.6	14.1	18.4	7.3	10.5	10.8	8.2	8.3	8.9
17	7.9	8.6	9.5	9.7	9.2	7.9	9.5	8.3	9.4	16.0	13.9	24.9	23.3	36.7	46.4	30.6	19.2	36.6	19.0	4.6	5.9	8.0	27.5	29.5
18	16.0	13.9	6.5	36.9	42.0	38.7	24.3	26.4	16.9	25.7	12.9	12.7	14.8	12.1	13.9	11.7	9.1	7.3	7.3	8.3	6.1	25.6	18.0	9.0
19	5.0	32.0	13.1	32.4	17.3	8.2	16.6	14.9	23.4	34.9	35.5	58.2	37.0	54.8	49.2	41.0	25.0	18.5	11.0	6.0	37.4	15.0	6.0	8.3
20	9.1	11.8	15.5	11.8	11.3	14.2	43.1	36.2	15.2	21.5	38.1	57.4	51.7	29.4	49.1	31.1	27.3	7.8	24.1	8.7	11.4	19.1	12.1	8.4
21	10.7	9.4	38.7	10.6	31.3	27.5	11.7	24.9	64.9	40.8	34.4	33.1	49.4	47.1	10.3	7.4	8.7	8.9	10.9	29.4	12.9	7.8	7.9	7.4
22	6.4	7.0	7.7	12.8	9.6	11.1	8.9	9.2	12.5	10.8	12.3	10.4	13.8	14.9	14.6	14.1	11.6	11.6	14.6	26.8	16.9	23.5	67.9	32.4
23	33.9	38.9	19.3	37.7	18.9	21.1	13.1	21.8	22.6	19.0	21.8	34.6	40.9	39.8	39.3	22.7	14.6	8.3	25.9	26.8	36.8	20.0	10.2	9.7
24	12.9	12.7	12.1	13.1	10.8	7.6	6.9	6.9	14.5	18.2	17.1	16.5	18.1	19.9	24.0	27.7	17.7	11.8	25.9	11.1	7.0	5.9	10.9	10.4
25	8.1	27.7	6.7	16.7	12.0	17.8	23.5	34.0	23.2	17.6	19.5	33.2	25.7	31.5	42.7	30.0	11.3	36.5	19.3	7.9	3.8	11.1	11.7	11.7
26	10.9	8.2	8.9	9.1	8.9	8.8	8.7	8.9	13.0	20.7	18.2	18.8	14.1	12.8	11.2	11.2	9.3	27.6	23.0	10.1	8.3	12.3	15.3	21.0
27	31.2	16.5	8.6	8.0	7.6	23.2	41.7	24.7	7.9	19.4	12.4	15.1	14.8	19.6	16.4	17.3	8.0	36.0	3.5	4.5	8.4	8.0	9.8	11.9
28	6.9	15.8	31.9	9.3	37.9	17.7	31.6	24.4	20.3	36.6	28.8	11.8	11.0	11.0	11.5	9.8	8.9	10.5	16.4	35.0	14.0	43.1	11.0	32.5
29	14.5	24.2	27.7	10.5	18.4	4.0	19.3	13.2	17.6	47.5	21.7	21.7	29.7	40.7	44.2	33.3	31.5	10.2	4.9	35.1	7.1	3.7	15.1	4.4
30	26.1	22.9	16.7	34.0	19.7	18.4	9.6	46.0	34.3	18.4	15.5	14.0	10.8	15.3	13.4	11.0	8.5	7.7	8.9	8.2	8.9	50.0	39.5	18.5
31	6.8	7.4	5.2	8.8	14.5	17.0	11.1	15.8	11.4	12.5	11.6	13.6	12.9	11.4	10.1	9.3	8.2	9.2	8.9	11.8	14.2	21.4	7.4	8.2
AVG.	15.1	15.4	15.7	15.9	17.9	18.2	17.8	17.2	18.0	22.8	25.5	28.1	27.5	26.7	25.7	20.9	15.6	14.4	16.0	15.8	18.0	20.0	18.2	16.8

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : October

ELEVATION : 2760 feet

LONGITUDE : 118 degrees 06 minutes 46 seconds

YEAR : 1995

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	8.6	6.7	5.4	7.7	6.9	8.1	13.1	25.8	18.1	33.5	32.4	40.3	35.0	49.8	58.7	38.9	35.0	30.0	11.6	63.6	26.0	14.2	6.6	5.2
2	5.0	10.2	4.6	4.3	9.1	7.3	9.3	34.6	25.9	34.6	21.9	17.5	27.7	23.9	17.9	16.4	15.9	17.8	10.7	6.6	26.9	6.0	6.1	6.0
3	5.2	5.3	5.5	7.0	6.2	6.3	3.9	32.7	17.6	26.0	40.1	13.1	12.8	11.1	11.1	10.8	11.9	10.4	13.4	13.2	10.6	16.1	14.0	10.8
4	10.1	16.9	31.0	13.4	18.6	41.0	42.8	19.1	16.5	13.4	12.4	13.9	12.4	13.5	13.3	13.4	9.9	8.9	12.1	8.6	17.3	25.1	23.8	15.1
5	13.0	13.0	14.1	15.2	20.9	10.8	19.8	20.0	14.9	12.2	11.1	13.9	13.4	13.1	12.3	13.5	10.3	7.6	35.9	10.9	10.5	9.7	18.5	33.9
6	17.9	12.8	4.8	7.8	7.6	7.0	7.8	35.4	29.0	28.8	39.0	48.7	49.9	50.4	53.8	31.4	9.7	8.8	8.1	9.0	53.7	80.2	64.8	38.4
7	22.2	41.5	36.3	12.9	12.8	18.6	23.8	42.0	34.5	39.8	21.0	8.4	13.1	12.4	11.5	14.9	16.2	9.6	7.6	7.6	70.9	62.6	48.2	46.6
8	27.8	24.3	18.7	13.1	7.3	7.2	9.4	25.8	38.1	35.4	44.6	33.9	55.0	49.9	69.8	14.4	8.5	11.5	44.5	15.6	9.6	11.6	24.9	16.0
9	10.2	15.5	14.0	10.8	5.7	9.3	9.2	40.8	23.1	31.4	40.8	36.3	28.1	58.4	60.2	47.2	45.3	12.5	6.2	45.7	21.1	15.2	10.6	8.9
10	7.9	4.6	6.7	6.5	13.9	10.2	6.8	27.4	19.2	22.8	31.2	33.1	41.3	58.5	40.0	22.0	8.5	8.2	8.8	10.4	8.4	6.8	15.5	46.4
11	38.7	45.6	46.2	23.8	16.8	6.8	52.1	15.7	24.3	20.8	28.6	36.5	67.8	27.3	13.7	15.6	8.9	8.4	20.0	7.7	10.5	13.9	5.6	36.3
12	34.3	34.3	30.4	45.7	8.6	13.2	41.6	42.8	27.6	36.8	51.8	32.5	54.1	41.0	17.9	30.5	13.3	9.8	51.5	39.7	14.2	27.4	9.1	7.9
13	9.4	19.1	21.3	22.9	24.5	57.7	34.7	27.3	23.6	19.2	10.9	13.3	13.1	13.6	14.9	12.4	9.4	12.4	49.9	26.4	10.4	45.3	48.6	13.2
14	7.4	7.3	11.3	13.8	10.2	12.8	6.2	38.2	16.7	18.2	27.1	34.0	34.1	27.1	39.0	47.5	29.9	6.9	7.1	8.6	8.4	9.0	31.2	20.5
15	11.5	12.7	16.2	21.3	11.8	17.9	31.0	25.0	32.2	18.5	39.2	13.5	16.2	20.4	19.7	15.6	10.4	8.3	7.7	22.9	16.2	57.0	28.5	19.6
16	58.8	60.2	22.5	33.2	33.0	8.2	8.0	28.2	24.0	41.2	62.8	44.2	36.6	48.2	48.4	41.0	8.9	10.9	32.9	53.8	41.9	24.7	26.7	18.9
17	6.4	21.8	10.7	6.9	4.3	7.8	12.3	19.6	27.4	35.0	24.2	28.3	22.1	23.0	26.0	15.9	13.2	28.9	6.5	9.4	10.6	6.2	5.1	9.8
18	12.0	5.6	6.7	6.0	6.8	5.6	11.0	21.6	23.6	20.5	20.9	26.9	28.7	47.5	10.7	9.1	12.2	10.1	8.6	8.8	9.5	54.5	60.8	36.8
19	39.5	8.0	28.2	23.8	7.5	15.9	16.2	20.6	16.6	23.9	22.6	24.9	20.3	17.4	16.6	18.4	10.2	46.9	17.5	14.8	7.8	33.8	21.3	9.7
20	7.7	7.9	5.7	4.4	6.8	10.6	6.0	20.3	25.2	26.5	42.1	35.9	32.2	29.8	12.6	12.8	10.0	12.0	62.9	52.0	19.1	24.3	18.0	53.4
21	49.7	8.6	12.1	17.0	22.9	13.3	16.6	14.5	8.6	11.3	11.2	13.2	11.7	10.4	10.0	9.8	9.8	25.4	25.9	16.9	34.8	40.0	60.8	20.9
22	52.8	43.2	71.8	22.1	38.5	25.1	63.3	27.9	13.6	11.5	12.6	12.8	12.8	12.1	10.9	10.6	9.6	8.5	10.2	8.7	9.2	9.2	7.9	10.4
23	19.1	12.0	9.6	10.7	10.8	7.9	8.4	10.4	17.6	16.8	12.4	17.6	15.4	12.7	14.5	16.9	12.2	13.7	43.4	13.6	9.1	9.6	7.7	10.8
24	6.0	8.8	15.3	8.8	5.5	8.5	7.3	17.2	25.1	26.6	26.5	41.5	44.0	56.0	38.7	20.0	41.4	8.9	8.6	39.1	49.6	28.1	31.4	13.1
25	16.7	9.3	9.0	12.1	5.7	9.8	9.1	13.7	21.5	18.0	32.9	25.3	30.8	53.9	68.9	25.1	8.7	37.0	39.9	31.7	44.9	8.5	7.5	9.8
26	15.5	8.2	17.7	8.7	10.6	4.5	4.9	15.2	29.7	35.0	39.1	37.4	34.0	29.2	40.5	46.8	19.4	9.9	13.0	12.6	8.6	39.9	21.6	31.0
27	31.9	71.9	43.2	16.5	10.2	9.2	30.3	36.0	18.0	27.4	32.5	37.5	49.1	39.1	43.9	40.6	9.0	9.0	25.2	31.6	53.0	64.4	24.8	8.8
28	12.2	8.7	50.1	34.0	9.4	10.5	8.9	22.0	33.9	25.2	22.8	25.3	29.3	24.7	22.6	33.0	33.1	62.8	41.9	52.2	63.0	36.5	13.2	13.4
29	52.6	44.2	43.8	20.9	35.0	37.0	27.7	23.1	20.6	31.2	21.7	39.2	38.5	45.3	59.9	18.2	10.9	8.0	11.5	15.7	27.9	22.8	19.7	12.2
30	9.2	9.3	13.6	13.6	11.9	9.6	9.1	28.0	19.9	21.5	30.4	59.7	48.1	40.3	9.5	12.3	11.4	9.9	7.4	7.8	6.9	8.2	7.6	8.0
31	9.1	9.1	11.0	10.9	10.2	10.4	35.5	51.1	41.7	68.2	71.9	46.4	9.0	7.9	8.8	8.9	8.3	40.5	44.6	26.1	39.9	78.9	45.0	40.5
AVG.	20.3	19.6	20.6	15.3	13.2	13.8	18.9	26.5	23.5	26.8	30.3	29.2	30.2	31.2	28.9	22.1	15.2	16.6	22.4	22.3	24.2	28.7	23.7	20.4

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : October

ELEVATION : 4482 feet

LONGITUDE : 117 degrees 17 minutes 20 seconds

YEAR : 1995

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	6.4	7.3	8.6	8.7	7.6	9.5	28.3	65.1	53.1	64.3	71.5	31.2	76.0	42.6	14.7	13.4	10.9	7.4	6.7	11.4	16.7	23.8	9.0	15.8
2	16.4	25.6	27.7	26.0	17.6	5.8	7.1	9.4	17.4	30.6	40.2	29.9	31.5	31.4	30.6	27.1	12.0	5.6	11.5	28.6	34.3	49.1	32.4	25.4
3	7.4	14.8	19.7	18.1	5.6	11.4	14.6	6.0	21.2	21.1	32.6	20.9	31.8	21.2	29.5	31.1	32.9	27.8	29.2	14.4	21.2	22.4	22.5	18.0
4	22.7	31.7	29.0	24.9	9.7	4.9	6.4	13.1	18.7	29.8	25.1	15.5	20.2	22.9	28.3	23.5	22.4	23.0	25.1	25.4	28.2	33.2	34.2	42.3
5	27.4	32.8	34.4	36.8	33.8	31.5	40.3	29.1	46.0	46.1	38.9	31.4	25.3	27.2	31.0	37.3	29.9	9.4	15.5	20.0	19.8	28.5	26.5	18.8
6	20.2	7.0	13.1	17.7	11.1	15.0	19.4	34.0	22.1	54.8	56.6	43.5	54.0	33.8	35.5	15.6	7.2	5.5	6.1	6.6	5.8	5.7	5.9	5.8
7	4.7	5.9	6.3	6.3	8.4	7.5	7.0	7.3	11.4	12.2	17.1	16.0	15.6	12.4	9.3	5.9	4.8	7.5	7.4	8.3	8.3	8.5	10.8	22.5
8	8.9	6.2	13.8	14.8	8.3	4.7	11.5	36.6	77.6	55.2	38.2	37.1	25.6	47.9	30.0	16.8	24.4	10.9	19.6	10.4	10.9	20.7	10.9	4.7
9	14.2	20.5	17.5	14.4	15.1	12.8	22.1	24.8	19.7	51.1	62.5	30.1	56.5	49.4	63.2	19.9	12.6	31.6	10.2	18.7	13.3	15.7	5.8	6.4
10	3.7	8.3	6.3	14.7	3.7	16.3	15.0	29.4	40.4	40.7	27.8	18.8	46.0	35.6	31.9	38.1	33.6	23.1	11.7	17.6	24.2	5.0	3.8	4.2
11	4.8	2.4	3.7	10.8	11.2	6.3	10.8	8.1	13.5	53.9	21.2	14.5	11.6	10.5	10.5	10.5	8.6	8.5	8.0	8.1	14.0	18.0	12.5	12.0
12	8.1	4.9	8.4	7.7	14.1	7.8	3.8	18.7	28.6	24.8	36.6	45.5	21.9	38.7	38.6	39.8	49.3	7.9	5.9	6.6	11.9	8.8	4.9	7.7
13	8.2	5.6	12.6	12.8	16.4	19.3	24.1	24.2	33.2	33.5	35.3	32.8	32.3	31.9	33.5	32.1	30.8	31.4	35.4	36.8	35.0	47.6	25.0	29.4
14	19.6	30.4	19.1	26.9	24.6	48.9	53.4	55.2	26.3	36.8	49.8	42.6	39.0	22.5	17.4	11.9	10.4	9.5	10.2	7.0	6.3	11.9	5.0	2.5
15	2.8	3.5	3.8	3.1	2.5	2.3	4.0	5.9	7.4	9.0	8.5	7.4	9.2	10.4	9.2	6.5	5.5	7.2	8.9	9.6	8.2	9.4	9.6	24.1
16	19.5	20.1	6.5	25.6	23.1	22.5	22.4	12.6	35.9	47.2	44.7	26.4	13.5	12.4	15.4	12.4	10.4	4.4	4.4	5.8	5.9	8.0	6.1	8.9
17	11.7	4.9	3.2	1.6	2.0	3.8	8.8	9.5	13.0	23.9	26.3	26.6	25.5	33.5	30.5	22.8	15.9	17.3	39.5	26.3	11.4	10.1	4.2	18.7
18	55.7	11.6	15.6	26.1	4.4	2.8	1.6	2.9	7.4	15.8	21.0	27.5	48.1	47.8	49.5	43.0	35.2	13.7	6.0	7.3	7.3	6.7	19.0	35.5
19	4.3	6.6	4.0	4.6	5.4	7.5	27.7	40.3	34.9	43.3	24.3	42.6	56.8	33.2	27.5	42.2	45.7	41.6	39.3	22.5	21.6	34.9	38.8	20.1
20	4.8	2.7	7.1	10.1	11.0	7.5	6.7	12.8	34.3	32.0	33.1	38.7	56.5	41.0	29.2	40.1	32.5	18.9	11.7	15.5	13.1	14.8	19.2	22.3
21	20.4	13.7	12.4	12.3	18.2	27.8	23.9	23.5	18.2	25.3	25.5	23.5	30.1	37.2	29.9	25.5	26.7	22.6	16.5	22.2	17.1	15.1	23.0	22.3
22	28.6	27.3	26.8	10.3	8.9	13.0	12.5	11.7	16.2	15.5	16.6	17.1	19.7	21.6	22.7	32.6	27.4	29.2	37.0	35.4	27.3	19.9	23.0	31.4
23	37.8	43.7	33.0	32.5	34.0	29.9	31.0	33.9	32.2	26.7	36.1	30.5	41.2	25.8	21.2	26.1	7.3	7.4	11.0	28.9	30.1	30.6	6.3	10.1
24	7.0	9.6	8.2	7.0	9.3	7.5	19.7	10.6	57.0	53.9	63.6	34.6	17.8	24.3	18.0	20.2	17.3	19.9	5.7	7.0	4.0	3.6	6.7	13.5
25	8.1	2.9	8.2	17.7	13.4	12.8	15.5	28.2	41.9	32.8	36.4	32.6	45.5	21.5	34.5	43.6	6.5	2.8	45.7	12.0	3.8	5.0	6.3	5.9
26	9.3	9.7	6.0	6.3	6.9	10.9	8.3	17.0	22.6	53.4	46.1	66.2	34.6	10.8	14.4	12.6	8.0	3.6	13.9	15.5	5.2	7.5	9.2	18.7
27	17.4	9.0	11.9	6.8	9.9	6.6	8.7	8.6	40.2	44.3	44.1	60.0	64.8	47.4	47.8	51.0	31.3	27.7	7.2	6.1	4.6	4.2	3.9	3.9
28	4.1	13.1	44.2	14.5	9.4	11.1	13.0	7.1	9.9	19.2	25.0	25.1	41.3	29.9	24.2	8.2	7.5	7.8	9.2	12.1	10.2	7.0	9.7	31.0
29	19.9	16.9	34.1	11.5	23.1	7.0	4.8	6.7	14.5	16.3	42.4	67.3	23.8	41.2	34.3	53.5	10.0	4.8	7.6	9.0	15.0	25.7	33.2	33.1
30	26.7	26.7	11.9	12.2	9.2	28.3	33.8	39.2	24.8	42.0	33.7	48.8	57.8	58.2	18.9	16.6	42.4	8.6	7.9	7.7	7.4	6.4	5.4	6.2
31	7.0	6.1	6.8	7.1	5.8	17.3	17.1	7.1	6.3	7.6	8.9	7.9	7.3	5.9	8.2	7.3	7.8	6.5	8.9	8.5	5.0	6.1	6.9	6.5
AVG.	14.8	13.9	15.0	14.5	12.4	13.6	16.9	20.6	27.3	34.3	35.2	32.0	34.9	30.0	27.1	25.4	20.2	14.6	15.6	15.2	14.4	16.6	14.2	17.0

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Shadow Mountain

ELEVATION : 4120 feet

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

LATITUDE : 34 degrees 44 minutes 15 seconds

LONGITUDE : 117 degrees 33 minutes 54 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																							
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	3.9	9.6	2.9	2.6	4.2	7.8	6.5	23.7	44.5	54.7	33.5	35.7	39.7	46.0	46.5	42.3	41.6	27.5	28.2	31.1	25.7	11.1	7.4	6.1
2	10.7	6.5	5.8	7.8	13.4	10.6	20.8	20.7	16.5	17.0	26.8	27.8	35.6	38.0	44.4	37.7	35.0	12.0	9.4	8.9	6.4	6.2	4.2	31.3
3	10.1	16.3	7.7	2.5	2.4	3.3	2.2	3.7	8.6	12.6	14.5	14.4	13.5	10.4	9.7	7.1	7.0	6.3	5.5	4.9	5.1	5.7	4.5	4.4
4	5.2	4.6	4.5	4.6	4.5	4.4	10.0	43.0	31.9	26.1	20.9	24.4	25.4	26.1	22.5	25.2	26.3	10.2	9.3	9.7	13.5	13.1	12.5	12.1
5	8.9	7.1	7.7	10.9	13.6	11.8	12.9	13.0	12.9	16.1	17.8	20.3	25.3	19.0	19.7	23.0	14.9	7.8	9.3	12.4	12.3	3.9	6.2	6.6
6	6.9	5.9	7.2	5.7	5.4	4.9	7.6	12.6	22.2	55.1	34.9	30.3	29.9	48.1	56.1	36.0	35.7	14.8	9.4	5.8	7.3	21.5	4.9	3.2
7	6.4	15.5	14.0	7.2	2.7	5.1	3.4	6.8	11.8	19.4	26.5	27.7	33.1	39.3	38.3	37.6	16.1	5.8	4.2	3.3	3.1	3.9	3.7	5.2
8	2.8	3.3	4.6	3.8	2.6	2.8	3.8	27.4	63.3	52.2	34.9	40.6	53.7	51.5	62.5	36.9	16.4	6.7	5.5	4.9	5.4	4.7	4.5	3.9
9	4.3	4.7	3.8	3.4	4.3	4.3	4.4	5.5	8.5	21.5	38.3	48.8	42.8	43.6	58.6	38.6	43.4	26.9	6.0	7.4	3.1	2.8	2.9	4.0
10	6.6	5.7	9.3	10.9	7.5	8.4	7.5	10.2	19.4	25.7	18.3	22.2	23.6	48.6	46.9	40.1	14.2	45.0	25.1	5.9	4.4	3.9	4.3	9.8
11	9.3	2.8	4.0	5.2	5.1	3.7	2.6	34.2	22.5	29.2	38.7	30.2	22.6	21.7	36.2	18.5	6.9	4.1	5.7	8.5	5.8	5.1	4.6	4.1
12	4.7	4.9	4.9	7.4	4.2	4.0	5.5	6.5	7.7	12.7	23.8	29.7	23.8	38.3	26.6	36.0	18.3	4.4	5.2	7.2	8.3	15.4	13.5	13.2
13	15.2	15.9	9.8	8.7	10.5	9.6	10.8	12.1	15.0	16.1	21.0	21.2	22.5	20.3	21.3	18.0	16.8	10.2	7.6	9.0	6.2	6.5	8.4	10.8
14	10.3	6.6	9.1	7.6	7.2	8.8	12.1	13.3	13.2	12.2	17.6	17.4	18.6	16.9	24.6	23.7	17.4	10.7	10.0	8.3	4.8	2.6	3.9	2.2
15	4.2	4.3	5.0	7.9	5.5	7.4	12.0	13.6	31.5	32.5	32.5	44.6	23.2	20.5	9.8	8.1	8.0	6.4	6.2	7.2	6.0	5.0	4.8	5.9
16	5.1	3.5	4.3	4.0	3.8	3.8	3.8	4.4	6.0	9.3	15.1	22.0	34.8	30.6	30.8	27.9	13.3	6.7	4.3	3.5	3.5	2.3	2.3	2.6
17	9.2	3.3	2.0	3.2	5.6	11.6	11.7	13.5	11.3	17.9	26.9	25.0	41.3	48.5	36.7	19.6	23.0	9.4	6.2	7.1	7.2	2.9	9.3	4.8
18	5.2	11.2	5.8	3.7	3.0	4.0	4.4	7.6	29.4	31.3	42.5	53.5	44.7	27.2	31.7	34.4	19.0	8.9	5.9	5.0	4.4	2.5	4.9	4.6
19	3.0	2.9	6.0	6.8	7.8	9.6	27.5	15.5	10.4	20.7	22.9	25.9	23.2	21.9	25.5	23.0	13.5	12.6	13.3	12.0	9.8	6.6	2.7	3.8
20	3.1	5.3	5.7	5.4	40.7	19.7	32.2	2.7	8.4	17.3	23.5	33.2	22.8	24.4	14.1	15.7	10.1	5.2	4.5	5.3	5.3	4.6	4.3	4.1
21	3.6	3.0	4.0	4.3	4.3	4.8	3.7	6.5	6.2	7.2	9.9	9.7	8.2	8.1	7.1	7.1	7.4	6.1	4.7	5.7	5.7	5.3	5.7	6.4
22	4.9	4.9	5.1	22.3	43.0	14.7	25.0	13.3	23.8	38.7	42.6	39.3	40.8	43.5	40.4	33.2	15.5	11.2	12.3	13.2	11.3	15.2	10.7	12.8
23	11.8	12.0	13.5	12.6	10.7	9.6	10.9	12.1	14.4	17.7	27.7	31.4	21.5	25.0	41.3	39.6	27.8	13.7	10.0	12.2	12.5	9.5	7.3	3.8
24	5.6	9.7	7.1	8.5	2.6	5.0	6.1	23.6	22.9	38.9	38.7	39.4	49.7	56.8	53.0	23.8	27.7	34.1	18.6	20.9	7.0	5.2	4.1	4.0
25	3.4	3.1	3.9	3.2	6.0	3.7	5.8	5.9	9.9	12.9	20.2	25.5	22.9	19.9	23.3	23.6	16.2	7.9	6.8	5.6	4.1	3.9	3.1	2.3
26	6.4	4.8	3.4	5.4	5.4	12.0	5.8	12.4	32.8	35.8	28.5	33.1	36.9	31.3	25.0	16.0	9.7	3.6	2.5	2.1	3.1	4.3	4.8	4.3
27	3.0	2.4	2.2	6.1	9.6	5.6	3.8	19.2	55.6	37.0	23.0	19.9	18.9	21.0	28.0	19.7	11.9	12.1	6.6	12.0	7.6	22.3	5.0	1.9
28	3.7	3.8	2.7	5.6	6.9	4.3	1.8	11.1	55.5	11.3	20.3	35.3	20.6	19.3	18.5	28.0	47.6	18.9	6.9	8.7	8.0	16.0	17.6	40.0
29	6.7	24.8	11.2	6.5	13.5	12.2	13.7	14.8	9.7	24.4	29.0	32.7	46.6	41.3	35.7	33.6	15.1	25.7	22.1	8.1	5.8	8.2	11.6	4.7
30	3.1	25.7	10.4	11.2	13.1	8.7	11.5	9.5	51.5	42.6	17.6	52.5	53.3	38.2	38.1	43.6	12.5	5.1	5.2	5.6	5.0	4.8	8.6	6.3
31	12.8	3.9	9.5	5.8	4.6	5.0	3.1	4.7	6.7	8.9	9.6	12.8	10.2	8.9	8.5	8.9	5.9	18.5	6.7	10.9	11.8	10.9	16.4	9.9
AVG.	6.5	7.7	6.4	6.8	8.8	7.5	9.4	13.6	22.1	25.0	25.7	29.9	30.0	30.8	31.7	26.7	19.2	12.9	9.1	8.8	7.4	7.6	6.7	7.7

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Baldy Mesa

ELEVATION : 4250 feet

PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 34 degrees 23 minutes 20 seconds

LONGITUDE : 117 degrees 26 minutes 33 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	18.4	18.1	17.8	17.5	17.2	16.9	16.5	16.7	17.8	19.0	20.0	21.0	22.1	22.8	23.3	23.6	24.0	23.9	23.0	21.9	21.0	20.5	20.1	20.0	24.0	16.5
2	19.7	19.5	19.3	19.1	18.9	18.7	18.6	19.0	19.7	20.3	21.0	21.7	22.4	23.0	23.4	23.8	24.1	24.1	23.2	22.0	21.1	20.4	20.1	20.0	24.1	18.6
3	20.0	19.9	19.7	19.6	19.5	19.3	19.2	19.4	19.9	20.6	21.5	22.5	23.5	24.6	25.6	26.2	25.9	24.9	23.4	22.1	21.1	20.5	20.1	20.0	26.2	19.2
4	19.9	19.8	19.6	19.5	19.2	19.0	19.0	19.3	19.7	20.2	20.7	21.4	21.9	22.4	22.8	23.1	23.4	23.2	22.3	21.2	20.4	19.6	18.9	18.3	23.4	18.3
5	17.7	17.1	16.5	15.8	15.2	14.6	14.1	14.7	17.0	19.1	20.1	21.0	21.8	22.5	23.0	23.5	23.9	23.9	23.0	22.0	21.0	19.9	18.9	18.0	23.9	14.1
6	17.3	16.6	16.1	15.6	15.1	14.8	14.4	14.8	15.9	18.1	20.2	21.7	22.8	23.5	23.5	23.6	23.8	23.7	22.8	22.0	21.4	20.8	20.0	19.3	23.8	14.4
7	18.7	18.1	17.6	17.2	16.8	16.5	16.1	16.2	17.0	18.3	19.7	20.7	21.6	22.3	22.8	23.1	23.3	23.0	22.2	21.4	20.7	19.9	19.2	18.5	23.3	16.1
8	18.0	17.5	17.1	16.7	16.4	16.1	15.8	16.0	17.1	19.0	20.5	21.8	22.9	24.1	25.0	25.3	25.1	24.5	23.2	22.3	21.8	21.3	20.6	20.0	25.3	15.8
9	19.4	18.9	18.4	17.8	17.3	17.0	16.8	17.1	18.3	19.9	21.2	22.3	23.3	24.0	24.5	24.9	25.1	24.7	23.5	22.4	21.8	21.5	21.2	21.1	25.1	16.8
10	20.9	20.5	20.1	19.8	19.6	19.2	19.0	19.1	20.1	21.2	22.1	23.0	23.8	24.5	25.2	25.7	25.8	25.2	24.0	22.8	22.0	21.6	21.4	21.2	25.8	19.0
11	21.1	20.9	20.7	20.5	20.5	20.4	20.2	20.4	21.3	22.8	24.3	25.1	25.6	26.2	26.7	26.8	26.4	25.2	23.6	22.4	21.8	21.4	21.0	20.6	26.8	20.2
12	20.4	20.0	19.7	19.2	18.7	18.4	18.0	18.1	19.1	20.3	21.4	22.4	23.4	24.2	25.2	25.8	25.6	25.0	23.6	22.5	21.8	21.4	21.1	20.7	25.8	18.0
13	20.4	20.0	19.7	19.4	19.0	18.7	18.4	18.5	19.4	20.5	21.3	22.1	22.9	23.7	24.4	24.8	25.1	24.9	23.8	22.7	21.9	21.4	20.9	20.5	25.1	18.4
14	20.0	19.7	19.3	18.9	18.6	18.3	18.0	18.1	19.2	20.4	21.4	22.4	23.3	24.2	25.6	26.7	26.8	26.0	24.6	23.3	22.4	21.8	21.5	21.4	26.8	18.0
15	21.4	21.4	21.4	21.4	21.3	21.2	21.0	21.0	21.2	21.6	22.4	23.3	24.3	25.1	25.7	25.8	25.5	24.7	23.3	22.2	21.2	20.1	18.8	17.7	25.8	17.7
16	16.9	16.2	15.6	15.3	14.9	14.4	13.8	13.7	14.7	16.7	18.9	20.6	21.9	22.9	23.6	24.2	24.5	24.3	23.2	22.3	21.7	21.2	20.7	20.2	24.5	13.7
17	19.6	19.0	18.4	18.0	17.7	17.5	17.4	17.7	18.9	20.3	21.4	22.3	23.1	23.9	24.6	25.0	25.2	24.9	23.8	22.7	22.0	21.6	21.4	21.2	25.2	17.4
18	21.0	20.7	20.3	20.1	20.0	19.9	19.9	20.3	20.9	21.8	23.4	24.8	25.6	26.5	27.3	27.7	27.3	26.1	24.4	23.2	22.6	22.2	21.9	21.5	27.7	19.9
19	21.3	21.0	20.9	20.6	20.4	20.1	19.8	19.9	20.8	21.8	22.7	23.6	24.3	25.0	25.7	26.0	26.2	25.7	24.5	23.4	22.8	22.4	22.1	21.8	26.2	19.8
20	21.4	21.0	20.7	20.5	20.4	20.2	20.0	20.0	20.9	22.0	23.0	23.9	24.9	26.0	26.9	27.0	26.6	25.6	24.2	23.1	22.5	22.1	21.8	21.4	27.0	20.0
21	20.9	20.4	20.0	19.6	19.2	18.8	18.5	18.5	19.3	20.5	21.6	22.4	23.3	24.0	24.3	24.3	24.1	23.3	22.2	20.8	19.7	18.8	18.0	17.2	24.3	17.2
22	16.5	15.9	15.4	14.9	14.5	13.8	13.0	12.7	13.2	14.3	15.8	17.4	19.1	20.7	21.8	22.5	22.9	22.7	21.2	19.3	17.5	15.9	14.5	13.4	22.9	12.7
23	12.6	11.8	11.2	10.7	10.3	9.9	9.6	9.6	10.6	12.3	14.4	16.7	19.0	21.0	22.2	22.9	23.1	22.5	21.3	19.6	18.1	16.7	15.4	14.5	23.1	9.6
24	13.6	12.8	12.2	11.6	11.2	10.8	10.4	10.4	11.5	13.4	16.0	18.8	21.3	23.0	24.2	24.9	25.3	24.8	23.6	22.1	20.7	19.3	18.2	17.3	25.3	10.4
25	16.7	16.2	15.7	15.1	14.7	14.2	13.9	14.0	14.8	16.7	19.4	21.6	23.2	24.5	25.5	25.6	25.3	24.5	23.2	21.9	20.6	19.5	18.4	17.5	25.6	13.9
26	16.7	16.0	15.4	14.8	14.1	13.6	13.3	13.3	14.4	16.5	19.9	23.0	25.2	26.1	26.3	26.3	26.0	25.3	24.0	22.9	22.3	21.9	21.4	21.0	26.3	13.3
27	20.8	20.6	20.5	20.2	19.9	19.5	19.2	19.1	19.9	21.2	22.4	23.5	24.5	25.5	26.6	27.3	27.0	25.6	24.1	23.0	22.3	22.0	21.7	21.5	27.3	19.1
28	21.3	21.0	20.7	20.5	20.3	20.1	20.1	20.3	20.9	21.4	21.8	22.3	22.8	23.1	22.9	22.5	22.1	21.8	21.6	21.4	21.1	20.9	20.6	20.4	23.1	20.1
29	20.4	20.3	20.0	19.8	19.7	19.4	18.9	18.2	17.8	18.0	18.9	20.1	21.3	22.5	23.1	23.4	23.5	22.9	22.2	21.4	20.6	20.0	19.5	19.2	23.5	17.8
30	18.9	18.6	18.4	18.1	17.8	17.4	17.0	17.0	18.0	19.6	21.0	22.2	23.2	24.0	24.5	24.9	24.8	23.7	22.4	21.3	20.2	19.2	18.3	17.5	24.9	17.0
31	16.9	16.3	15.9	15.5	15.0	14.6	14.2	14.0	14.0	14.1	14.4	14.9	15.2	15.6	15.6	15.2	14.8	14.3	13.9	13.6	13.3	13.1	12.8	12.6	16.9	12.6
AVG.	19.0	18.6	18.2	17.8	17.5	17.2	16.9	17.0	17.8	19.1	20.4	21.6	22.7	23.6	24.3	24.6	24.6	24.0	22.9	21.8	20.9	20.3	19.7	19.2		

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Boron

ELEVATION : 2460 feet

PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 35 degrees 01 minutes 00 seconds

LONGITUDE : 117 degrees 39 minutes 00 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	19.2	18.4	17.5	16.6	15.7	14.9	14.1	14.0	15.8	18.1	20.1	21.7	22.8	23.5	24.0	24.3	24.3	24.0	23.0	21.7	20.5	19.8	19.4	19.0	24.3	14.0
2	18.4	17.7	17.0	16.2	15.5	14.8	14.1	14.1	16.0	18.4	20.5	22.1	23.2	23.9	24.4	24.7	24.7	24.3	23.4	22.1	20.9	20.0	19.5	19.0	24.7	14.1
3	18.4	17.7	17.0	16.3	15.6	14.9	14.4	14.4	16.3	18.6	20.6	22.2	23.4	24.3	25.0	25.3	25.4	24.9	23.9	22.8	21.9	21.2	20.7	20.4	25.4	14.4
4	19.5	19.4	19.5	19.4	19.3	19.2	19.0	19.0	19.5	20.6	21.7	22.6	23.2	23.6	23.9	24.0	23.8	23.3	22.3	21.0	20.0	19.1	18.4	17.7	24.0	17.7
5	16.8	16.1	15.4	14.6	13.7	12.8	12.2	12.4	14.5	17.1	19.1	20.5	21.4	22.0	22.5	23.5	24.5	24.3	23.3	22.3	21.0	19.5	18.0	16.6	24.5	12.2
6	15.3	14.1	13.0	12.0	11.2	10.4	9.8	9.9	12.1	15.9	19.2	21.7	23.3	24.3	25.0	25.4	25.4	25.1	24.2	23.2	22.5	22.1	21.9	21.5	25.4	9.8
7	20.8	20.1	19.8	19.8	19.7	19.4	18.9	18.8	19.9	21.3	22.7	23.8	24.7	25.3	25.8	26.0	25.9	25.4	24.5	23.5	22.7	22.1	21.7	21.3	26.0	18.8
8	20.9	20.4	19.6	18.4	17.2	15.9	14.8	14.3	15.6	18.4	20.8	22.6	24.0	25.0	25.7	26.0	26.0	25.5	24.5	23.4	22.6	22.1	21.7	21.3	26.0	14.3
9	21.0	20.7	20.3	19.7	18.5	17.0	15.7	15.1	16.3	19.0	21.5	23.3	24.6	25.4	26.0	26.3	26.3	25.9	24.8	23.6	22.6	21.7	20.7	19.8	26.3	15.1
10	18.8	17.9	17.0	16.1	15.3	14.6	13.9	13.8	15.5	18.5	20.9	23.0	24.5	25.4	26.1	26.4	26.5	26.0	25.0	23.8	22.9	22.4	21.9	21.2	26.5	13.8
11	20.3	19.4	18.5	17.5	16.6	15.8	15.2	15.1	16.7	19.4	21.8	23.8	25.2	26.1	26.7	27.0	26.9	26.4	25.5	24.4	23.5	22.8	22.4	22.2	27.0	15.1
12	21.9	21.3	20.8	20.4	19.6	18.9	18.3	18.3	19.5	21.0	22.4	23.6	24.6	25.7	27.2	27.6	27.1	26.3	25.1	23.7	22.8	22.0	21.0	20.0	27.6	18.3
13	18.9	18.0	17.0	16.1	15.3	14.5	13.8	13.7	15.7	18.9	21.5	23.3	24.5	25.2	25.6	25.9	25.9	25.5	24.5	21.2	15.2	10.2	6.5	4.0	25.9	4.0
14	2.1	0.7	-0.5	-1.7	-2.8	-3.8	-4.6	-4.8	-3.2	0.3	4.9	9.3	12.6	14.9	16.5	17.6	18.1	17.5	15.5	12.4	9.3	6.8	5.0	3.5	18.1	-4.8
15	2.1	0.8	-0.3	-1.3	-2.0	-2.6	-3.2	-3.1	-1.3	2.2	6.4	10.4	13.5	15.4	16.7	17.4	17.2	15.9	13.8	11.5	9.3	7.4	6.4	6.1	17.4	-3.2
16	6.3	7.2	8.8	10.4	11.5	12.3	12.8	13.4	14.7	16.8	19.3	22.1	24.7	27.2	30.2	32.7	34.4	34.9	34.0	32.2	30.1	28.1	26.3	24.5	34.9	6.3
17	22.9	21.3	19.9	18.6	17.5	16.5	15.6	15.1	16.1	18.9	22.5	26.3	30.0	33.1	35.6	37.3	38.0	37.6	35.7	32.8	29.7	26.9	24.4	22.4	38.0	15.1
18	20.7	19.3	18.0	16.9	15.9	14.9	14.2	14.0	15.7	19.4	24.0	27.9	28.9	29.2	29.5	29.7	29.7	29.1	27.9	26.8	26.0	25.5	24.7	23.7	29.7	14.0
19	22.5	21.2	19.9	18.7	17.5	16.5	15.7	15.4	16.8	20.1	23.3	25.7	27.2	28.9	29.6	29.5	29.2	28.5	27.4	26.3	25.2	23.9	22.5	21.1	29.6	15.4
20	19.9	18.9	17.9	17.0	16.1	15.3	14.7	14.4	15.9	19.3	22.7	25.2	26.9	28.0	28.8	29.2	29.2	28.7	27.7	26.7	26.1	25.7	25.3	24.8	29.2	14.4
21	24.3	23.9	23.5	23.1	22.7	22.3	22.0	22.0	23.0	24.1	25.4	26.5	27.3	27.8	28.3	28.4	28.1	27.4	26.5	25.8	25.3	24.6	24.0	23.4	28.4	22.0
22	22.5	21.7	20.8	20.0	19.1	18.2	17.1	16.4	16.9	18.8	21.2	23.2	24.2	24.8	25.3	25.6	25.6	25.3	23.8	21.5	18.9	16.4	14.4	12.7	25.6	12.7
23	11.5	10.6	9.8	9.1	8.5	7.9	7.4	7.4	9.4	12.8	16.9	20.5	22.9	24.2	24.9	25.2	25.5	25.4	24.1	21.9	19.5	17.4	15.3	13.6	25.5	7.4
24	12.1	10.8	9.7	8.7	7.9	7.2	6.4	6.2	7.8	11.4	15.9	20.3	23.3	25.0	26.1	26.7	26.5	26.2	25.1	23.2	20.9	18.7	16.6	14.8	26.7	6.2
25	13.4	12.2	11.1	10.2	9.3	8.5	7.8	7.5	9.1	12.8	17.5	21.7	24.4	25.9	26.9	27.6	27.7	27.3	26.3	24.3	22.3	20.5	18.6	17.0	27.7	7.5
26	15.7	14.4	13.2	12.0	10.9	9.8	9.1	8.7	10.0	13.6	17.9	21.7	24.1	25.7	27.0	27.8	28.0	27.6	26.8	25.6	24.0	22.2	20.6	19.2	28.0	8.7
27	18.2	17.3	16.5	15.8	15.0	14.3	13.7	13.3	14.6	18.0	21.9	24.9	26.7	27.8	28.6	29.3	29.7	28.1	26.9	26.1	24.9	23.6	22.4	21.2	29.7	13.3
28	20.3	19.4	18.4	17.5	16.6	15.9	15.3	15.0	15.8	18.3	21.3	23.7	25.2	26.2	26.6	26.7	26.6	26.3	26.1	25.7	25.1	24.4	23.7	23.2	26.7	15.0
29	22.8	22.5	22.2	21.8	20.9	19.8	18.6	17.5	18.0	20.5	23.5	25.4	26.7	27.6	27.9	28.1	28.2	27.7	26.6	25.6	24.2	22.7	21.2	19.7	28.2	17.5
30	18.5	17.5	16.6	15.9	15.2	14.5	13.9	13.5	14.5	17.4	21.1	24.2	26.1	27.3	28.1	28.5	28.6	28.1	27.1	26.1	25.0	23.8	22.7	21.8	28.6	13.5
31	21.0	20.3	19.7	19.1	18.7	18.4	18.2	18.0	18.6	20.4	22.6	24.3	25.3	25.7	26.0	26.1	26.0	25.3	23.7	21.9	20.3	19.2	18.3	17.6	26.1	17.6
AVG.	17.6	16.8	16.1	15.3	14.6	13.8	13.2	13.0	14.4	17.1	20.0	22.5	24.2	25.3	26.1	26.6	26.7	26.3	25.1	23.6	22.1	20.7	19.6	18.5		

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Catalina Airport

ELEVATION : 1602 feet

PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 33 degrees 24 minutes 00 seconds

LONGITUDE : 118 degrees 24 minutes 30 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	27.8	27.8	27.8	27.8	27.7	27.7	27.7	27.8	27.8	27.9	28.1	28.3	28.5	28.7	28.8	29.0	29.1	29.2	29.3	29.3	29.3	29.3	29.2	29.2	29.3	27.7
2	29.1	29.1	29.1	29.1	29.1	29.0	29.0	29.1	29.1	29.2	29.3	29.4	29.5	29.7	29.9	30.1	30.3	30.6	30.7	30.8	30.8	30.7	30.6	30.6	30.8	29.0
3	30.5	30.5	30.4	30.4	30.3	30.2	30.2	30.1	30.1	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.0	30.9	30.9	30.8	30.8	31.0	30.1
4	30.7	30.7	30.6	30.5	30.5	30.4	30.3	30.3	30.2	30.2	30.3	30.4	30.3	30.1	30.2	30.6	30.8	31.0	31.1	31.1	31.0	30.9	30.8	30.7	31.1	30.1
5	30.6	30.5	30.4	30.3	30.2	30.1	29.9	29.8	29.7	29.7	29.8	29.8	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.4	30.3	30.3	30.2	30.1	30.6	29.7
6	30.0	29.8	29.7	29.6	29.5	29.4	29.3	29.2	29.1	29.1	29.1	29.1	29.2	29.2	29.3	29.3	29.4	29.3	29.3	29.2	29.1	29.0	28.8	28.7	30.0	28.7
7	28.6	28.5	28.4	28.3	28.1	28.0	27.9	27.8	27.7	27.7	27.7	27.7	27.7	27.8	27.8	27.9	28.0	28.0	27.9	27.8	27.7	27.6	27.4	27.3	28.6	27.3
8	27.2	27.1	27.0	26.9	26.9	26.8	26.7	26.7	26.6	26.6	26.6	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.7	26.6	26.5	26.5	26.4	26.4	27.2	26.4
9	26.3	26.3	26.2	26.1	26.0	26.0	26.0	25.9	25.8	25.8	25.9	25.9	26.0	26.0	25.8	25.6	25.8	26.1	26.3	26.4	26.4	26.4	26.5	26.5	26.5	25.6
10	26.6	26.6	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.7	26.9	27.2	27.4	27.6	27.8	28.0	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3	26.5
11	28.2	28.2	28.1	28.0	27.9	27.8	27.7	27.6	27.5	27.5	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.4	27.3	27.2	27.2	28.2	27.2
12	27.1	27.0	26.9	26.9	26.8	26.7	26.7	26.7	26.6	26.6	26.6	26.7	26.7	26.8	26.8	26.9	26.9	27.0	27.0	27.0	26.9	26.9	26.8	26.7	27.1	26.6
13	26.6	26.5	26.5	26.4	26.3	26.2	26.2	26.1	26.0	26.1	26.1	26.2	26.4	26.5	26.7	26.9	27.0	27.2	27.2	27.3	27.2	27.2	27.2	27.3	27.3	26.0
14	27.3	27.3	27.3	27.3	27.3	27.2	27.2	27.2	27.2	27.3	27.3	27.4	27.4	27.6	27.7	27.8	27.9	27.9	27.9	27.8	27.7	27.6	27.4	27.3	27.9	27.2
15	27.2	27.2	27.1	27.0	26.9	26.8	26.7	26.6	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.5	26.4	26.3	26.1	26.0	25.8	25.6	25.6	27.2	25.6
16	25.5	25.4	25.4	25.3	25.3	25.2	25.2	25.2	25.2	25.2	25.3	25.4	25.5	25.5	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.7	25.7	25.8	25.2
17	25.6	25.6	25.5	25.5	25.4	25.4	25.4	25.4	25.3	25.4	25.5	25.6	25.7	25.9	26.0	26.2	26.3	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	25.3
18	26.4	26.4	26.4	26.3	26.3	26.2	26.2	26.1	26.1	26.0	26.2	26.1	26.1	26.1	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.3	26.3	26.4	26.0
19	26.2	26.1	26.1	26.0	25.9	25.9	25.8	25.8	25.7	25.7	25.8	26.0	26.1	26.2	26.3	26.4	26.4	26.4	26.4	26.3	26.2	26.1	26.1	26.0	26.4	25.7
20	25.9	25.8	25.8	25.7	25.6	25.6	25.5	25.5	25.4	25.4	25.5	25.5	25.6	25.5	25.4	25.6	25.8	25.8	25.9	25.9	25.8	25.8	25.8	25.7	25.9	25.4
21	25.7	25.6	25.6	25.5	25.5	25.4	25.3	25.2	25.2	25.2	25.3	25.4	25.6	25.7	25.8	25.9	26.0	25.9	25.8	25.7	25.6	25.5	25.4	25.4	26.0	25.2
22	25.3	25.2	25.2	25.1	25.1	25.0	25.0	24.9	24.9	24.9	25.0	25.0	25.1	25.2	25.3	25.4	25.5	25.5	25.5	25.5	25.5	25.4	25.4	25.3	25.5	24.9
23	25.2	25.1	25.0	24.9	24.9	24.8	24.7	24.7	24.6	24.7	24.7	24.9	25.0	25.1	25.3	25.4	25.6	25.6	25.7	25.7	25.7	25.7	25.6	25.6	25.7	24.6
24	25.6	25.5	25.4	25.3	25.2	25.2	25.1	25.1	25.1	25.1	25.3	25.4	25.6	25.7	25.9	26.0	26.1	26.2	26.2	26.1	26.0	25.9	25.8	25.6	26.2	25.1
25	25.5	25.4	25.3	25.3	25.3	25.2	25.1	25.1	25.1	25.1	25.3	25.1	25.2	25.4	25.6	25.9	26.1	26.2	26.2	26.1	26.0	25.9	25.8	25.8	26.2	25.1
26	25.7	25.6	25.6	25.5	25.5	25.4	25.3	25.3	25.3	25.3	25.4	25.6	25.8	26.0	26.3	26.5	26.7	26.8	26.8	26.7	26.6	26.5	26.5	26.4	26.8	25.3
27	26.3	26.3	26.3	26.2	26.2	26.2	26.2	26.1	26.1	26.2	26.4	26.5	26.6	26.8	26.9	27.1	27.2	27.3	27.3	27.3	27.3	27.2	27.2	27.1	27.3	26.1
28	27.0	27.0	26.9	26.8	26.8	26.7	26.6	26.5	26.5	26.5	26.7	26.8	26.9	27.1	27.2	27.3	27.4	27.4	27.3	27.3	27.2	27.1	27.0	26.9	27.4	26.5
29	26.8	26.7	26.7	26.6	26.5	26.5	26.4	26.3	26.2	26.2	26.2	26.2	26.2	26.3	26.4	26.5	26.5	26.5	26.5	26.4	26.4	26.3	26.2	26.1	26.8	26.1
30	26.0	25.9	25.8	25.7	25.6	25.6	25.5	25.5	25.4	25.4	25.4	25.4	25.3	25.3	25.2	25.3	25.3	25.4	25.5	25.5	25.4	25.4	25.3	25.3	26.0	25.2
31	25.2	25.1	25.1	25.0	24.9	24.9	24.8	24.8	24.7	24.7	24.7	24.8	24.9	25.0	25.2	25.3	25.4	25.4	25.4	25.3	25.2	25.1	25.0	24.9	25.4	24.7
AVG.	27.0	27.0	26.9	26.8	26.8	26.7	26.6	26.6	26.6	26.6	26.7	26.7	26.8	26.9	27.0	27.1	27.2	27.3	27.3	27.3	27.2	27.1	27.1	27.0		

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Flash II Mountain

ELEVATION : 3325 feet

PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 34 degrees 58 minutes 15 seconds

LONGITUDE : 117 degrees 02 minutes 22 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	28.9	28.9	28.9	29.0	29.4	29.6	29.5	29.2	28.8	29.4	29.1	27.9	27.0	26.3	25.8	25.7	26.0	26.2	26.5	26.8	27.3	27.6	27.6	27.6	29.6	25.7
2	27.7	27.9	28.0	28.2	28.7	29.2	29.5	29.4	28.8	28.1	27.5	26.6	26.1	25.9	25.8	25.6	25.5	25.6	26.1	26.4	26.7	27.0	27.2	27.4	29.5	25.5
3	27.5	27.6	27.6	27.5	27.4	27.4	27.6	27.7	27.8	27.8	27.2	26.1	25.9	26.2	26.6	26.8	26.7	26.1	25.8	26.1	26.7	27.3	27.8	28.2	28.2	25.8
4	28.4	28.7	28.9	29.0	29.0	28.7	28.9	29.4	29.3	28.8	28.3	27.9	27.5	27.3	27.2	27.2	27.4	27.7	28.0	28.1	28.5	29.6	30.1	30.0	30.1	27.2
5	29.5	29.1	29.0	28.9	28.9	28.9	29.1	29.1	28.9	28.7	28.7	28.7	28.5	28.3	28.1	27.9	27.8	27.9	28.0	28.4	29.1	29.7	29.9	30.0	30.0	27.8
6	30.4	30.0	29.3	28.9	28.8	28.9	28.9	29.2	29.2	28.8	28.3	27.7	27.3	27.1	27.5	27.7	27.9	27.8	27.6	27.3	26.5	26.4	26.6	26.6	30.4	26.4
7	27.0	27.8	29.0	28.3	28.1	28.0	28.1	28.7	28.4	28.5	27.2	26.7	26.9	27.1	27.3	27.2	27.0	26.4	25.7	25.6	25.9	26.1	26.5	26.9	29.0	25.6
8	27.0	27.1	27.6	27.8	28.9	28.6	28.5	28.2	28.6	27.4	27.2	29.7	30.7	29.9	29.3	28.8	28.2	27.5	26.5	25.5	25.2	25.4	26.0	26.9	30.7	25.2
9	27.5	29.0	30.7	32.0	32.7	30.6	29.5	29.0	28.4	28.3	28.4	27.6	27.5	27.7	27.9	28.0	27.8	27.4	26.7	25.8	25.3	25.0	25.1	25.2	32.7	25.0
10	25.3	25.5	25.7	25.8	26.0	26.3	26.5	26.6	26.0	25.6	25.8	26.5	27.3	27.9	28.2	28.3	28.0	27.4	26.7	26.1	25.6	25.3	25.2	25.1	28.3	25.1
11	25.1	25.2	25.3	25.3	25.2	25.3	25.4	25.5	25.2	25.0	25.3	26.1	27.3	28.1	28.6	28.8	28.7	28.4	27.7	27.1	27.0	28.3	30.9	31.5	31.5	25.0
12	29.5	29.0	30.3	29.4	29.0	28.3	28.2	28.1	29.7	29.9	28.5	29.3	31.9	34.6	36.6	38.0	38.8	39.2	39.3	39.1	36.1	32.3	29.8	28.0	39.3	28.0
13	26.7	26.2	26.1	26.1	26.1	26.0	26.0	26.0	25.7	25.3	25.3	26.0	26.6	26.7	26.9	26.9	26.5	26.0	25.5	25.4	25.4	25.4	25.5	25.6	26.9	25.3
14	25.7	25.8	25.9	25.9	25.7	25.7	25.8	25.6	25.4	25.0	25.0	25.5	26.1	26.6	27.0	27.1	26.9	26.4	25.8	25.3	25.2	25.2	25.2	25.2	27.1	25.0
15	25.4	25.3	25.2	25.1	25.1	25.1	25.2	25.3	25.1	25.1	25.5	26.3	27.2	27.8	28.0	27.6	26.9	26.1	25.5	26.6	26.6	27.7	30.1	31.1	31.1	25.1
16	29.4	29.4	28.9	29.3	30.4	31.4	31.9	32.3	32.1	31.7	29.8	30.2	31.8	30.9	29.5	28.5	27.9	27.3	27.2	28.3	27.1	26.4	27.5	27.3	32.3	26.4
17	27.7	27.6	27.7	28.0	27.8	28.2	29.1	29.2	27.7	28.6	31.3	31.2	30.2	29.8	29.5	29.0	28.4	27.6	26.9	26.1	25.5	25.0	24.7	24.8	31.3	24.7
18	25.0	25.2	25.2	25.3	25.4	25.4	25.3	25.1	25.1	25.1	25.2	25.9	26.9	27.7	28.3	28.4	28.5	28.0	27.3	26.5	25.6	25.0	25.0	25.0	28.5	25.0
19	25.3	25.7	26.0	26.2	26.4	26.8	27.0	27.0	26.0	25.7	26.0	26.7	27.4	27.9	28.1	28.1	27.8	27.4	27.2	26.4	25.6	25.6	25.7	25.7	28.1	25.3
20	25.8	25.9	26.0	26.0	26.0	25.9	25.8	25.8	25.7	25.7	25.8	26.3	26.9	27.5	27.9	28.0	27.8	27.3	26.7	26.0	25.4	24.8	25.2	25.9	28.0	24.8
21	26.3	27.5	27.4	29.2	29.1	27.8	29.4	31.2	30.3	28.4	28.7	30.9	33.6	35.9	37.7	38.8	39.6	40.2	40.1	36.5	32.2	31.0	32.3	33.4	40.2	26.3
22	34.1	34.6	34.9	35.0	34.8	33.6	31.5	31.0	31.6	32.3	32.9	33.5	32.6	30.0	28.8	28.2	28.3	29.2	29.7	30.0	29.5	28.8	28.4	28.4	35.0	28.2
23	28.4	28.4	28.3	28.3	28.3	28.2	28.3	28.3	28.4	27.8	27.3	27.0	26.4	26.1	26.1	26.0	26.1	26.4	26.5	26.8	27.8	28.8	29.4	28.6	29.4	26.0
24	27.8	27.6	27.9	28.3	28.7	29.0	29.0	28.9	28.7	28.6	27.7	26.7	25.8	25.5	25.0	25.0	25.2	25.3	25.6	25.9	26.1	26.2	26.1	26.2	29.0	25.0
25	26.2	26.4	26.5	26.5	26.4	26.6	26.9	27.5	27.6	27.3	26.7	26.0	25.7	25.2	24.8	24.5	24.5	24.8	25.1	25.3	25.6	26.0	26.2	26.1	27.6	24.5
26	26.4	27.1	26.8	26.8	26.8	26.6	27.0	27.9	27.8	27.3	26.8	26.1	25.4	24.9	24.8	24.6	24.4	24.2	24.2	24.4	24.5	24.7	25.0	25.3	27.9	24.2
27	25.4	25.5	25.6	25.6	25.6	25.7	25.7	25.8	25.9	25.7	25.5	25.9	26.5	27.1	27.5	27.7	28.2	27.7	26.7	26.1	26.4	26.1	26.5	26.5	28.2	25.4
28	26.7	26.6	26.7	27.0	27.5	27.5	27.2	27.1	27.0	27.3	26.4	26.2	27.0	29.4	32.0	31.6	29.4	27.7	26.8	27.4	26.9	27.0	27.1	27.3	32.0	26.2
29	27.3	26.7	26.8	28.1	27.6	28.0	27.8	28.8	28.1	27.4	26.3	27.4	29.2	28.3	27.8	28.7	30.6	31.8	31.3	30.3	31.5	31.4	29.1	29.2	31.8	26.3
30	30.5	29.2	28.5	29.3	28.9	29.2	28.9	29.3	28.0	28.2	30.8	32.0	30.7	29.5	28.6	28.0	27.3	26.6	26.3	26.4	27.5	27.2	28.0	28.4	32.0	26.3
31	27.9	28.6	28.1	28.3	28.1	28.0	28.6	30.1	31.4	30.0	29.8	31.2	30.5	28.7	27.7	27.9	29.9	32.4	32.8	31.3	32.0	32.8	33.4	33.7	33.7	27.7
AVG.	27.5	27.6	27.7	27.9	28.0	27.9	27.9	28.1	28.0	27.7	27.6	27.8	28.1	28.1	28.2	28.2	28.2	28.1	27.8	27.5	27.3	27.3	27.5	27.6		

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Ludlow

ELEVATION : 1782 feet

PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 34 degrees 42 minutes 36 seconds

LONGITUDE : 116 degrees 09 minutes 15 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.6	22.6	22.7	22.7	22.8	22.8	22.8	22.9	22.9	22.8	22.8	22.8	22.7	22.7	22.6	22.6	22.6	22.9	22.6
2	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.8	22.7	22.7	22.6	22.6	22.9	22.6
3	22.6	22.6	22.6	22.6	22.5	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.8	22.9	22.9	23.0	22.9	22.9	22.8	22.8	22.8	22.8	22.7	22.7	23.0	22.5
4	22.7	22.7	22.6	22.7	22.7	22.8	22.7	22.9	23.1	23.1	23.0	22.9	22.9	23.0	23.0	23.1	23.1	22.9	22.6	22.4	22.3	22.2	22.2	22.2	23.1	22.2
5	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.4	22.6	22.7	22.7	22.6	22.4	22.3	22.2	22.2	22.2	22.2	22.7	22.2
6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.4	22.6	22.8	22.9	22.8	22.8	22.6	22.4	22.3	22.3	22.2	22.2	22.9	22.2
7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.5	22.7	22.9	23.1	23.1	23.1	22.8	22.6	22.4	22.3	22.2	22.2	23.1	22.2
8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.4	22.9	22.9	22.8	22.6	22.7	22.9	23.1	23.2	23.2	23.2	22.9	22.6	22.5	22.3	22.3	22.2	23.2	22.2
9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.6	22.8	23.0	23.2	23.2	23.2	23.0	22.7	22.5	22.4	22.3	22.3	23.2	22.2
10	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.4	22.7	22.8	22.9	22.9	22.9	22.9	22.8	22.8	22.8	22.8	22.7	22.7	22.9	22.2
11	22.7	22.7	22.7	22.6	22.6	22.7	22.7	22.8	22.7	22.7	22.8	22.8	22.9	22.9	22.9	23.0	23.0	23.0	22.9	22.9	22.8	22.8	22.8	22.8	23.0	22.6
12	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.7	22.7	22.8	22.8	22.9	22.9	23.0	23.0	22.9	22.8	22.8	22.8	22.8	22.7	22.7	22.7	23.0	22.7
13	22.7	22.6	22.6	22.6	22.6	22.6	22.7	23.0	23.8	23.8	23.5	23.3	23.2	23.2	23.1	23.1	23.1	23.1	23.0	23.0	23.0	23.0	22.9	22.9	23.8	22.6
14	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.2	23.1	23.1	23.1	23.1	23.0	23.0	22.9	22.9	23.2	22.9
15	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.1	23.1	23.2	23.2	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.2	22.9
16	23.0	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0	23.0	23.1	23.1	23.2	23.3	23.3	23.4	23.3	23.2	23.1	23.1	23.1	23.0	23.4	23.0
17	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.1	22.9	22.6	22.6	22.6	22.7	22.9	23.1	23.3	23.3	23.3	23.1	22.8	22.6	22.5	22.5	22.4	23.3	22.4
18	22.4	22.4	22.4	22.4	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.5	22.8	23.1	23.3	23.4	23.5	23.5	23.2	22.9	22.7	22.6	22.6	22.5	23.5	22.3
19	22.5	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.8	23.1	23.3	23.4	23.4	23.3	23.1	22.9	22.7	22.6	22.5	22.5	23.4	22.4
20	22.4	22.4	22.4	22.4	22.3	22.4	22.4	22.6	23.0	22.7	22.6	22.9	23.0	23.1	23.2	23.3	23.3	23.2	23.1	22.8	22.5	22.4	22.3	22.2	23.3	22.2
21	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.4	22.7	23.0	23.2	23.3	23.3	23.3	23.2	22.9	22.6	22.5	22.3	22.3	23.3	22.2
22	22.2	22.2	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.3	22.2	22.2	22.1	22.1	22.1	22.1	22.4	22.1
23	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.4	22.3	22.2	22.2	22.1	22.1	22.2	22.2	22.4	22.1
24	22.2	22.2	22.2	22.2	22.2	22.4	22.6	22.6	22.7	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.6	22.6	22.5	22.5	22.5	22.4	22.4	22.5	22.7	22.2
25	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.6	22.6	22.6	22.5	22.5	22.5	22.5	22.5	22.7	22.5
26	22.5	22.5	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.6	22.7	22.7	22.8	22.8	22.8	22.7	22.7	22.7	22.6	22.6	22.5	22.5	22.5	22.8	22.5
27	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.8	22.7	22.8	22.8	22.8	22.8	22.7	22.6	22.6	22.6	22.6	22.8	22.5
28	22.5	22.5	22.5	22.6	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.8	22.8	22.8	22.8	22.7	22.9	22.5
29	22.7	22.7	22.7	22.7	22.7	22.6	22.7	22.6	22.7	22.7	22.7	22.7	22.8	22.9	23.7	23.8	23.5	23.2	23.0	22.9	22.8	22.7	22.7	22.6	23.8	22.6
30	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.7	22.6	22.6	22.6	22.6	22.8	22.6
31	22.5	22.5	22.4	22.4	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.3	22.3	22.3	22.3	22.3	22.5	22.3
AVG.	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.9	23.0	23.0	22.9	22.8	22.7	22.6	22.6	22.5	22.5		

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Palmdale
ELEVATION : 2760 feet
PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 34 degrees 33 minutes 26 seconds
LONGITUDE : 118 degrees 06 minutes 46 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

DATE	HOUR (PST) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.8	18.9	19.0	19.0	19.2	19.5	19.6	19.4	19.3	19.2	18.9	18.7	18.6	18.6	19.6	18.5
2	18.5	18.5	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.7	18.6	18.7	18.9	18.9	18.8	18.9	18.9	18.8	18.6	18.7	18.7	18.9	18.4
3	18.6	18.6	18.6	18.6	18.6	18.6	18.7	18.7	18.6	18.7	18.9	19.1	19.4	19.9	20.4	20.6	20.6	20.2	19.6	19.2	19.0	18.9	18.8	18.8	20.6	18.6
4	18.8	18.7	18.7	18.6	18.6	18.6	18.6	18.6	18.6	18.7	18.9	19.0	19.1	19.2	19.2	19.1	19.2	19.2	19.1	19.0	18.9	18.8	18.7	18.7	19.2	18.6
5	18.7	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.3	19.2	19.2	19.1	19.0	18.9	18.8	18.8	18.8	19.4	18.7
6	18.8	18.8	18.8	18.8	18.9	18.9	18.9	19.3	19.9	19.4	19.2	19.2	19.3	19.3	19.3	19.2	19.2	19.1	19.1	19.0	19.0	18.9	18.8	18.7	19.9	18.7
7	18.7	18.7	18.7	18.7	18.7	18.6	18.6	18.6	18.6	18.7	18.8	19.0	19.0	19.0	18.9	18.9	18.9	18.9	18.9	18.8	18.7	18.6	18.6	18.5	19.0	18.5
8	18.5	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.6	18.8	19.0	19.1	19.2	19.4	19.5	19.4	19.2	19.0	18.8	18.7	18.6	18.5	19.5	18.4
9	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.5	18.5	18.6	18.8	18.9	18.9	19.1	19.3	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.6	19.4	18.5
10	18.6	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.7	18.8	19.0	19.2	19.4	19.5	19.4	19.1	18.9	18.8	18.7	18.7	18.6	19.5	18.5
11	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.7	18.9	19.0	19.3	20.4	21.3	21.8	21.5	20.8	19.9	19.4	19.0	18.8	18.7	18.6	21.8	18.5
12	18.5	18.5	18.4	18.4	18.4	18.4	18.4	18.5	18.4	18.5	18.6	18.7	18.9	19.2	19.5	19.8	19.8	19.6	19.4	19.2	19.0	18.7	18.6	18.5	19.8	18.4
13	18.5	18.5	18.4	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.7	18.8	18.7	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.8	18.8	18.4
14	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.8	18.9	19.0	19.2	19.3	19.3	19.3	19.3	19.3	19.2	19.3	19.3	19.1	19.0	18.9	18.8	19.3	18.8
15	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.7	18.8	19.0	19.0	19.1	19.1	19.0	18.9	18.8	18.8	18.8	18.8	18.7	18.6	18.6	18.5	19.1	18.5
16	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.6	18.8	18.9	19.0	19.0	19.0	18.9	18.9	19.0	18.9	18.8	18.6	18.6	18.5	19.0	18.5
17	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.5	18.5	18.6	18.8	18.9	19.0	18.9	19.0	18.9	19.0	19.0	18.9	18.8	18.6	18.6	18.5	19.0	18.5
18	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.5	18.6	18.8	19.0	19.1	19.8	20.6	21.1	21.0	20.3	19.6	19.2	18.9	18.7	18.6	18.6	21.1	18.5
19	18.5	18.5	18.5	18.5	18.6	18.7	18.7	18.7	18.7	18.8	19.0	19.1	19.2	19.2	19.1	19.1	19.0	18.9	19.0	18.9	18.7	18.6	18.6	18.6	19.2	18.5
20	18.6	18.6	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	19.0	19.1	19.2	19.4	19.7	20.0	20.0	19.6	19.3	19.1	18.9	18.8	18.7	18.6	20.0	18.6
21	18.5	18.5	18.5	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.6	18.6	18.5	18.5	18.7	18.8	18.8	18.8	18.8	18.7	18.6	18.5	18.5	18.5	18.8	18.4
22	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.5	18.5	18.6	18.7	18.9	19.0	19.1	19.0	19.0	18.9	18.9	18.8	18.8	18.8	18.8	19.1	18.5
23	18.8	18.8	18.9	18.9	19.0	19.0	19.0	19.1	19.0	19.0	19.0	19.1	19.2	19.2	19.3	19.3	19.2	19.1	19.1	19.0	19.0	19.0	19.0	19.0	19.3	18.8
24	19.0	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.1	19.0	19.1	19.2	19.4	19.5	19.5	19.5	19.5	19.4	19.3	19.2	19.1	19.0	19.0	19.0	19.5	19.0
25	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.2	19.4	19.4	19.5	19.4	19.3	19.3	19.2	19.1	19.0	19.0	19.0	19.0	19.5	19.0
26	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.0	19.0	19.0	19.2	19.4	19.6	19.6	19.6	20.6	20.5	19.9	19.5	19.2	19.0	18.9	18.9	20.6	18.9
27	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.8	18.8	18.9	19.0	19.1	19.2	19.3	19.1	19.1	19.0	19.1	19.0	18.9	18.8	18.6	18.6	18.5	19.3	18.5
28	18.5	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.6	18.6	18.7	18.7	18.8	18.9	18.9	18.9	18.9	18.8	18.8	18.7	18.7	18.7	18.7	18.7	18.9	18.4
29	18.7	18.7	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.8	18.8	18.9	18.9	18.9	19.0	19.0	19.0	18.9	18.8	18.7	18.7	18.7	18.7	19.0	18.6
30	18.7	18.7	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	19.0	19.0	19.1	19.2	19.2	19.2	19.1	19.0	18.9	18.8	18.7	18.6	18.6	19.2	18.6
31	18.6	18.5	18.5	18.5	18.5	18.6	18.6	18.5	18.5	18.6	18.6	18.7	18.8	18.8	18.9	19.0	18.9	18.8	18.8	18.7	18.7	18.6	18.6	18.6	19.0	18.5
AVG.	18.7	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.8	18.9	19.0	19.2	19.3	19.4	19.4	19.3	19.1	19.0	18.9	18.7	18.7	18.7		

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Quartzite Mountain

ELEVATION : 4482 feet

PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 34 degrees 36 minutes 38 seconds

LONGITUDE : 117 degrees 17 minutes 20 seconds

T & B SYSTEMS, INC.

MONTH : October

YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	25.0	24.9	25.0	25.1	25.0	25.0	24.9	24.8	24.9	25.1	25.4	25.8	25.7	25.7	25.3	25.0	24.7	24.6	24.5	24.5	24.5	24.5	24.5	24.5	25.8	24.5
2	24.6	24.6	24.7	24.7	24.8	24.7	24.6	24.5	24.5	24.6	24.8	25.0	25.0	25.0	25.0	24.8	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	25.0	24.5
3	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.8	24.9	25.0	25.1	25.1	24.9	24.6	24.4	24.2	24.1	24.0	24.1	24.2	24.2	24.3	24.7	25.3	25.3	24.0
4	25.7	25.9	25.9	25.9	25.8	25.7	25.4	25.1	24.9	24.9	25.0	25.1	25.0	25.0	25.0	24.9	24.9	24.8	24.8	24.8	24.8	24.9	25.0	25.3	25.9	24.8
5	25.4	25.5	25.4	25.1	24.9	24.8	24.6	24.5	24.5	24.7	24.9	25.0	25.1	25.2	25.2	25.3	25.2	25.1	24.9	24.9	25.0	25.2	25.4	25.5	25.5	24.5
6	25.6	25.5	25.3	25.1	25.0	24.9	24.8	24.8	24.9	25.0	25.2	25.5	25.6	25.6	25.6	25.3	25.0	25.0	25.3	25.8	26.1	26.1	26.1	25.9	26.1	24.8
7	25.8	25.6	25.3	25.1	24.9	24.6	24.4	24.2	24.2	24.4	25.0	25.3	25.3	25.2	25.1	25.1	25.0	25.3	25.7	25.9	26.0	26.0	25.9	25.9	26.0	24.2
8	25.9	25.6	25.4	25.4	25.3	25.3	25.3	25.2	25.3	25.5	25.6	25.6	25.6	25.4	25.4	25.7	25.4	25.0	24.8	24.8	24.9	25.1	25.5	25.5	25.9	24.8
9	25.5	25.5	25.4	25.2	25.1	25.0	24.9	24.9	24.9	25.0	25.1	25.4	25.5	25.5	25.4	25.2	25.0	24.9	24.9	24.8	24.8	24.8	24.8	24.8	25.5	24.8
10	24.7	24.8	24.8	24.8	24.8	24.7	24.8	24.8	24.9	25.0	25.2	25.1	25.0	25.0	25.0	24.8	24.7	24.6	24.5	24.5	24.5	24.7	24.8	25.0	25.2	24.5
11	25.1	25.5	25.7	25.9	26.0	25.6	25.3	25.0	24.9	24.9	25.0	25.1	24.9	24.6	24.4	24.2	24.3	24.4	24.9	25.6	26.1	26.4	26.6	26.8	26.8	24.2
12	26.9	26.4	26.2	26.2	26.2	26.1	25.9	25.2	24.7	24.6	25.3	25.6	25.8	25.5	25.5	25.1	25.1	24.9	24.9	24.8	24.9	24.9	25.0	25.0	26.9	24.6
13	25.0	24.9	24.9	24.9	24.9	24.8	25.0	25.1	25.0	24.9	24.9	24.9	24.9	24.9	24.8	24.7	24.5	24.5	24.6	24.6	24.7	24.7	24.7	24.7	25.1	24.5
14	24.7	24.7	24.8	24.9	24.9	25.1	25.2	25.3	25.2	25.0	25.0	25.1	25.0	24.9	24.7	24.5	24.3	24.1	24.0	24.1	24.1	24.1	24.2	24.2	25.3	24.0
15	24.2	24.2	24.3	24.3	24.4	24.4	24.6	25.0	25.3	25.2	25.0	24.8	24.6	24.5	24.5	24.6	24.9	25.6	26.1	26.3	26.4	26.3	26.1	25.9	26.4	24.2
16	25.7	25.5	25.2	24.8	24.5	24.3	24.1	23.9	23.9	24.2	24.6	25.1	25.4	25.4	25.3	25.2	25.1	25.1	25.2	25.3	25.2	25.3	25.6	25.9	25.9	23.9
17	26.0	26.0	26.0	25.9	25.8	25.4	25.1	24.9	24.8	24.9	25.0	25.1	25.2	25.1	24.9	24.7	24.6	24.5	24.5	24.6	24.6	24.5	24.5	24.5	26.0	24.5
18	24.5	24.7	24.8	24.8	24.8	24.7	24.7	24.6	24.5	24.4	24.6	24.7	24.7	24.6	24.6	24.4	24.3	24.1	24.3	24.3	24.4	24.4	24.6	24.7	24.8	24.1
19	24.7	24.7	24.7	24.7	24.7	24.6	24.7	24.8	25.0	24.9	24.9	24.9	24.8	24.6	24.3	24.2	24.1	24.2	24.3	24.4	24.5	24.5	24.7	24.8	25.0	24.1
20	24.7	24.5	24.5	24.5	24.8	25.1	25.5	25.6	25.5	25.4	25.3	25.2	25.0	24.8	24.6	24.3	24.2	24.2	24.0	24.0	24.0	24.1	24.5	25.1	25.6	24.0
21	25.5	25.8	25.9	25.9	25.9	25.8	25.8	25.6	25.6	25.7	25.3	24.8	24.4	24.3	24.2	24.1	24.0	24.1	24.6	25.1	25.4	25.4	25.2	25.0	25.9	24.0
22	24.8	24.6	24.5	24.3	24.0	23.6	23.3	23.0	22.9	22.8	22.9	23.0	23.3	23.5	23.7	23.9	24.0	24.0	24.0	24.1	24.1	24.0	23.8	23.6	24.8	22.8
23	23.4	23.2	23.1	22.8	22.6	22.4	22.1	21.9	21.8	22.0	22.4	22.8	23.4	23.9	24.2	24.3	24.3	24.2	24.1	24.0	24.0	24.0	23.9	23.8	24.3	21.8
24	23.5	23.3	23.2	23.0	22.8	22.6	22.4	22.2	22.3	22.6	23.2	23.9	24.4	24.5	24.6	24.6	24.5	24.4	24.6	24.8	24.9	24.8	24.7	24.6	24.9	22.2
25	24.6	24.5	24.3	24.1	23.9	23.7	23.6	23.5	23.5	23.8	24.4	24.8	25.0	25.1	25.0	24.9	24.8	24.6	24.5	24.5	24.5	24.5	24.6	24.7	25.1	23.5
26	24.7	24.5	24.4	24.2	24.1	23.9	23.7	23.6	23.6	23.7	24.1	24.6	24.9	25.0	24.8	24.6	24.5	24.4	24.4	24.4	24.7	24.7	24.7	25.0	25.0	23.6
27	25.3	25.6	25.7	25.8	25.7	25.4	25.5	25.5	25.8	26.1	26.1	26.0	25.6	25.1	25.3	24.8	24.6	24.7	24.8	24.7	24.7	24.9	25.0	25.4	26.1	24.6
28	25.8	26.2	26.4	26.6	26.7	26.7	26.3	26.1	25.8	25.4	25.4	25.7	25.5	25.9	25.7	25.8	26.6	27.1	27.3	27.4	27.4	27.3	27.2	27.1	27.4	25.4
29	27.0	26.7	26.3	26.0	25.8	25.9	26.0	25.9	25.8	25.8	26.0	26.4	26.3	26.4	26.2	26.4	26.9	26.5	26.4	26.1	26.1	26.0	26.2	26.3	27.0	25.8
30	26.4	26.5	26.4	26.4	26.2	25.7	25.6	25.6	25.8	26.1	26.7	27.4	27.3	26.1	25.8	25.8	25.8	25.9	26.3	26.6	26.7	26.6	26.4	26.1	27.4	25.6
31	25.8	25.5	25.2	24.9	24.6	24.3	24.1	24.0	23.8	23.8	24.1	24.6	25.1	25.5	25.8	26.0	26.0	25.7	25.3	24.8	24.3	23.9	23.4	23.0	26.0	23.0
AVG.	25.2	25.2	25.1	25.0	25.0	24.8	24.7	24.6	24.6	24.7	24.9	25.1	25.1	25.0	25.0	24.9	24.8	24.8	24.9	25.0	25.0	25.0	25.1	25.1		

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Shadow Mountain
ELEVATION : 4120 feet
PARAMETER : Shelter Temperature (Degrees C)

LATITUDE : 34 degrees 44 minutes 15 seconds
LONGITUDE : 117 degrees 33 minutes 54 seconds

T & B SYSTEMS, INC.
MONTH : October
YEAR : 1995

	HOUR (PST)																									
DATE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	MAX.	MIN.
1	22.3	22.2	21.9	21.7	21.5	21.3	21.1	20.9	20.8	20.7	20.6	20.7	21.0	21.3	21.8	22.2	22.7	23.1	23.5	23.7	23.8	23.9	23.8	23.7	23.9	20.6
2	23.5	23.3	23.2	23.0	22.8	22.7	22.5	22.4	22.3	22.2	22.1	22.2	22.4	22.7	23.1	23.5	23.9	24.2	24.5	24.7	24.9	24.8	24.8	24.6	24.9	22.1
3	24.5	24.3	24.1	23.9	23.7	23.6	23.4	23.3	23.1	23.0	23.0	23.1	23.3	23.6	24.0	24.4	24.9	25.3	25.5	25.7	25.6	25.5	25.3	25.0	25.7	23.0
4	24.7	24.4	24.2	23.9	23.6	23.3	23.1	22.8	22.6	22.5	22.4	22.4	22.5	22.7	23.0	23.3	23.6	23.8	24.0	24.0	24.0	23.8	23.6	23.3	24.7	22.4
5	23.0	22.7	22.4	22.1	21.8	21.5	21.1	20.9	20.7	20.5	20.5	20.6	21.0	21.1	21.0	21.2	21.4	21.6	21.7	21.8	21.8	21.7	21.6	21.5	23.0	20.5
6	21.3	21.1	21.0	20.8	20.6	20.5	20.3	20.2	20.0	20.0	20.0	20.3	20.5	20.9	21.2	21.6	22.0	22.4	22.7	22.9	23.0	22.9	22.8	22.6	23.0	20.0
7	22.4	22.2	22.0	21.8	21.6	21.4	21.1	20.9	20.7	20.6	20.5	20.5	20.7	21.0	21.4	21.8	22.2	22.6	23.0	23.2	23.3	23.2	23.0	22.8	23.3	20.5
8	22.5	22.3	22.0	21.7	21.5	21.3	21.0	20.9	20.7	20.6	20.5	20.6	20.8	21.2	21.6	22.1	22.5	23.0	23.3	23.5	23.6	23.5	23.3	23.1	23.6	20.5
9	22.8	22.5	22.2	21.9	21.7	21.4	21.2	21.0	20.8	20.7	20.7	20.7	20.9	21.3	21.7	22.2	22.7	23.2	23.5	23.8	23.9	23.9	23.8	23.7	23.9	20.7
10	23.5	23.3	23.1	23.0	22.8	22.6	22.5	22.4	22.2	22.2	22.1	22.2	22.5	22.8	23.3	23.7	24.1	24.5	24.8	25.0	25.0	25.0	24.8	24.6	25.0	22.1
11	24.4	24.2	24.0	23.7	23.5	23.3	23.1	23.0	22.9	22.8	22.8	22.9	23.1	23.5	23.9	24.3	24.7	25.0	25.3	25.4	25.4	25.2	25.0	24.7	25.4	22.8
12	24.4	24.1	23.8	23.5	23.2	22.9	22.6	22.3	22.1	22.0	22.1	22.5	22.6	22.7	22.9	23.1	23.5	23.8	24.0	24.2	24.3	24.3	24.2	24.0	24.4	22.0
13	23.9	23.7	23.5	23.3	23.1	22.9	22.6	22.5	22.3	22.1	22.0	22.0	22.1	22.4	22.7	23.0	23.3	23.6	23.8	23.9	23.9	23.9	23.7	23.5	23.9	22.0
14	23.4	23.2	23.1	22.9	22.8	22.6	22.4	22.3	22.1	22.0	21.9	22.0	22.2	22.5	22.8	23.1	23.5	23.8	24.1	24.4	24.4	24.4	24.4	24.3	24.4	21.9
15	24.2	24.0	23.9	23.8	23.7	23.6	23.5	23.3	23.2	23.1	23.1	23.2	23.5	23.8	24.1	24.4	24.8	25.0	25.1	25.1	24.9	24.7	24.3	24.0	25.1	23.1
16	23.5	23.1	22.6	22.2	21.8	21.4	21.0	20.8	20.4	20.2	20.0	19.9	20.0	20.3	20.6	21.0	21.5	22.0	22.3	22.6	22.7	22.6	22.5	22.3	23.5	19.9
17	22.2	22.0	21.8	21.6	21.4	21.3	21.1	21.0	20.9	20.8	20.8	20.9	21.2	21.6	22.0	22.5	22.9	23.3	23.6	23.8	23.9	24.0	23.9	23.8	24.0	20.8
18	23.7	23.6	23.4	23.3	23.1	23.0	22.8	22.7	22.6	22.5	22.6	22.7	23.0	23.3	23.8	24.2	24.7	25.0	25.3	25.5	25.6	25.5	25.3	25.1	25.6	22.5
19	24.9	24.6	24.4	24.1	23.9	23.8	23.6	23.5	23.3	23.2	23.5	23.7	23.7	23.9	24.2	24.5	24.8	25.0	25.2	25.3	25.3	25.2	25.0	24.8	25.3	23.2
20	24.7	24.5	24.3	24.1	23.9	23.7	23.6	23.4	23.2	23.0	23.0	23.0	23.2	23.5	23.9	24.2	24.6	25.0	25.2	25.3	25.3	25.2	25.1	24.8	25.3	23.0
21	24.6	24.3	24.0	23.8	23.5	23.2	23.0	22.8	22.6	22.5	22.4	22.4	22.5	22.8	23.1	23.4	23.6	23.8	24.0	23.9	23.8	23.6	23.3	22.9	24.6	22.4
22	22.5	22.0	21.6	21.4	21.0	20.6	20.2	19.8	19.5	19.2	19.0	18.9	19.0	19.1	19.3	19.6	19.7	19.9	19.9	19.9	19.8	19.6	19.4	19.1	22.5	18.9
23	18.9	18.6	18.3	18.1	17.8	17.5	17.3	17.1	16.9	16.8	16.8	16.8	16.9	17.2	17.5	17.8	18.2	18.4	18.6	18.8	18.8	18.7	18.6	18.4	18.9	16.8
24	18.3	18.1	17.9	17.7	17.5	17.3	17.1	17.0	16.9	16.7	16.7	16.8	17.0	17.4	17.8	18.2	18.6	19.0	19.4	19.6	19.7	19.6	19.5	19.4	19.7	16.7
25	19.2	19.0	18.9	18.6	18.5	18.3	18.1	18.0	17.9	17.8	17.7	17.8	18.0	18.3	18.6	19.0	19.4	19.8	20.0	20.2	20.2	20.1	20.0	19.8	20.2	17.7
26	19.5	19.3	19.1	18.8	18.6	18.4	18.3	18.1	18.0	17.9	17.8	18.0	18.2	18.5	19.0	19.5	20.0	20.5	20.8	21.1	21.2	21.3	21.3	21.2	21.3	17.8
27	21.2	21.1	21.0	20.9	20.8	20.7	20.6	20.5	20.4	20.4	20.4	20.6	21.0	22.3	23.0	23.1	23.2	23.5	23.7	23.8	23.8	23.7	23.6	23.5	23.8	20.4
28	23.3	23.1	22.9	22.7	22.6	22.4	22.2	22.1	22.0	21.9	21.9	21.9	21.9	22.1	22.3	22.5	22.6	22.7	22.8	22.8	22.7	22.7	22.6	22.5	23.3	21.9
29	22.4	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.5	21.4	21.2	21.1	21.1	21.2	21.4	21.6	21.8	22.0	22.2	22.2	22.2	22.2	22.1	22.0	22.4	21.1
30	21.8	21.7	21.5	21.4	21.2	21.1	21.0	20.8	20.7	20.6	20.6	20.6	20.8	21.2	21.6	22.0	22.4	22.7	22.9	23.0	23.0	22.8	22.6	22.3	23.0	20.6
31	22.0	21.7	21.4	21.2	20.9	20.7	20.4	20.2	19.9	19.7	19.6	19.6	19.7	19.8	20.1	20.3	20.5	20.7	20.8	20.7	20.6	20.3	20.0	19.7	22.0	19.6
AVG.	22.7	22.5	22.2	22.0	21.8	21.6	21.4	21.2	21.1	21.0	20.9	21.0	21.2	21.5	21.8	22.2	22.5	22.8	23.1	23.2	23.2	23.2	23.0	22.8		

APPENDIX A

Zero Precision Span Check Reports

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP. Station ID BAC Location BALDY MESA, CA

Analyzer Make/Model DASIBI 1003-AH Serial No 3150 Range 0-500 ppb

GENERAL	Date 1995	10-5	10-11	10-18	10-26	10-26	11-01
	Date of Last Calibration	9-14	9-14	10-11	10-11	10-11	10-11
	Station Operator	R Hillestad	D. Newitt	D. Newitt	R. Hillestad	R. Hillestad	R. Hillestad
	Check is U or A (1)	U	U	U	U	A	U
	Sample Flow Rate (2 LPM)	2	2	2	2	2	2
	Analyzer Span Number	60.550	60,550	60.550	60.550	60.550	60.550
	Sample Frequency (40.0 - 48.0)	43.171	41,823	40,919	39.949	47.577	47,823
	Control Frequency (21.0 - 28.0)	21.166	20,552	20.095	19.789	21.691	22.025
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	0	0	0	0	2	2
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECESION	Known Input Concentration, ppb	N/A	94	NA	93	NA	82.7
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	N/A	91	NA	88	NA	78.4
	DAS Error Δ% (3)	N/A	-3.2	NA	-5.5	NA	-5.2
	Pass? (4) (Yes / No)	N/A	Y	NA	Y	NA	Y
SPAN	Known Input Concentration, ppb	409	438	432	406	397	403
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	398	424	408	~~384~~ 384	378	383
	DAS Error Δ% (3)	-2.7	-3.2	-5.6	-5.4	-4.8	-5.0
	Pass? (4) (Yes / No)	Y	Y	Y	Y	Y	Y

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFF LINE FOR ~~RUN~~ TEST AND FILTER CHANGE 10-5-95 0802 - 0845 ~~PST~~ PST
10-11-95 08:00 - 09:59
10-18-95 10:00 - 10:40

O_3 OFF LINE FOR TEST, OPTICS CLEANING & LAMP ADJUST - RETEST & FILTER CHAN
10/26/95 10:20 - 12:29 PST.

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSPORT Station ID BOR Location BORON FIRE STA, CA

Analyzer Make/Model DASIBI 1003-AH Serial No 1805 Range 0-500 ppb

GENERAL	Date 1995	10-12	10-19	10-27	11-3		
	Date of Last Calibration	9-17	10-12	10-12	10-12		
	Station Operator	DVN	DVN	RCH	RCH		
	Check is U or A (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	2	2	2.2	2		
	Analyzer Span Number	57.55	57.550	57.550	57.550		
	Sample Frequency (40.0 - 48.0)	42.252	40.198	40.296	39.947		
	Control Frequency (21.0 - 28.0)	24.161	23.535	23.821	24.012		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	2	-4	0	1		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	97	NA	98.2	97		
	DVM Volts	—	—		—		
	Observed DAS Response, ppb	94	NA	97.4	97		
	DAS Error Δ% (3)	3.2	NA	-0.8	0		
	Pass? (4) (Yes / No)	Y	NA	Y	Y		
SPAN	Known Input Concentration, ppb	424	417	411	396		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	421	401	406	402		
	DAS Error Δ% (3)	0.7	-3.8	-1.2	1.6		
	Pass? (4) (Yes / No)	Y	Y	Y	Y		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFFLINE TIME & DATES: 10-12-95 13:25 - 14:30
10-19-95 13:01 - 13:45
10-27 95 16:01 - 16:45
11-3-95 15:58 →

WIND SPEED & DIRECTION INVALID AFTER 15:15
TEMPERATURE INVALID AFTER 15:30

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name O_3 TRANSPORT Station ID CAT Location CATALINA AIRPORT

Analyzer Make/Model D 1003 AH Serial No 2509 Range 1000 ppb

GENERAL	Date 1995	04OCT95	09OCT95	20OCT95	25OCT95	03NOV95	
	Date of Last Calibration	20SEP95	→	→	→	→	
	Station Operator	G.MAZIS	G.MAZIS	G.MAZIS	G.MAZIS	G.MAZIS	
	Check is U or A (1)	U	U	U	U	U	
	Sample Flow Rate (2 LPM)	2.1	2.1	2.1	2.1	2.1	
	Analyzer Span Number	55.55	55.55	55.55	55.55	55.55	
	Sample Frequency (40.0 - 48.0)	39.935	39.656	45.650	45.619	45.158	
	Control Frequency (21.0 - 28.0)	22.062	22.114	25.907	25.722	25.606	
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts DISPLAY	(9)	(10)	(10)	(9)	(13)	
	Observed DAS Response, ppb	5	5	5	5	4	
	Pass? (2) (Yes / No)	✓	✓	✓	✓	✓	
PRECISION	Known Input Concentration, ppb	95		106		102	
	~~DVM Volts~~ DISPLAY	(93)		(114)		(113)	
	Observed DAS Response, ppb	87		108		105	
	DAS Error Δ% (3)	2.4		1.9		2.9	
	Pass? (4) (Yes / No)	✓		✓		✓	
SPAN	Known Input Concentration, ppb	408	413	413	419	416	
	~~DVM Volts~~ DISPLAY	(404)	(410)	(410)	(415)	(416)	
	Observed DAS Response, ppb	386	398	400	407	400	
	DAS Error Δ% (3)	-5.4	-3.6	-3.1	-2.9	-3.8	
	Pass? (4) (Yes / No)	✓	✓	✓	✓	✓	

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

04OCT95 STA AUDIT

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP Station ID FLA Location FLASH II MTN

Analyzer Make/Model DASIBI 1003-AH Serial No 3070 Range 0-500 ppb

GENERAL	Date 1995	9/15	9/22	10/1	10/8		
	Date of Last Calibration	8/8	9/15	9/15	9/15		
	Station Operator	RH	RH	RH	NCY		
	Check is **U** or **A** (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	2	2.	1.8	2		
	Analyzer Span Number	59.450	59.450	59.450	59.450		
	Sample Frequency (40.0 - 48.0)	41.370	40,880	40.563	40.315		
	Control Frequency (21.0 - 28.0)	22,896	22.746	22.585	22.350		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	7	9	2	-1		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	91	N/A	86	N/A		
	DVM Volts	—	—	—			
	Observed DAS Response, ppb	99	N/A	80	N/A		
	DAS Error Δ% (3)	8.8	N/A	-6.9	N/A		
	Pass? (4) (Yes / No)	Y	N/A	Y	N/A		
SPAN	Known Input Concentration, ppb	390	386	388	409		
	DVM Volts	—	—				
	Observed DAS Response, ppb	397	393	367	395		
	DAS Error Δ% (3)	1.8	1.8	-5.4	-3.4		
	Pass? (4) (Yes / No)	Y	Y	Y	Y		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 DOWN TIME + DATE 9/15/95 08:27 - 10:12 MULTI + FILTER CHANGE

O_3 DOWN 9/22/95 08:00:30 - 08:41:00 Z/S + FILTER

TEMPERATURE OFF LINE 0627 - 0709 AUDIT AND REPOSITIONING

WIND DIRECTION AND SPEED OFF LINE 0725 - 0826 AUDIT

OZONE OFF LINE 0830 - 09:49 AUDIT, RMS + FILTER

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

OZONE OFF LINE 10/8/95 11:22 TO ~~PST~~ PDT 11:57 PST

5/95

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP. Station ID FLA Location FLASH II MTN.

Analyzer Make/Model DASIBI 1003-AH Serial No 3070 Range 0 - 500 ppb

GENERAL	Date 1995	10-13-95	10-20-95	10-23-95	10-29-95	11-02-95	
	Date of Last Calibration	9/15	10-13	10-13	10-13	10-13	
	Station Operator	DVN	DVN	RCG	RCG	RCG	
	Check is U or A (1)	U	U	U	U	U	
	Sample Flow Rate (2 LPM)	2.0	2.0	2.0	2.1	1.9	
	Analyzer Span Number	59.450	59.450	59.450	59.450	59.450	
	Sample Frequency (40.0 - 48.0)	41,064	40.725	40.291	40,066	39.305	
	Control Frequency (21.0 - 28.0)	22.714	22.517	22.272	22.248	21.950	
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	
	Observed DAS Response, ppb	5	-3	8	1	3	
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	
PRECESION	Known Input Concentration, ppb	93	NA		96	89	
	DVM Volts	—	—		—	—	
	Observed DAS Response, ppb	100	NA		103	81	
	DAS Error Δ% (3)	7.5	NA		7.4	-8.9	
	Pass? (4) (Yes / No)	Y	NA		Y	Y	
SPAN	Known Input Concentration, ppb	440	434	406	402	405	
	DVM Volts	—	—		—	—	
	Observed DAS Response, ppb	449	439	420	402	386	
	DAS Error Δ% (3)	2.0	1.2	3.4	0	-4.7	
	Pass? (4) (Yes / No)	Y	Y	Y	Y	Y	

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 Down Times and Dates: 10-13-95 10:42 - 11:55
10-20-95 10:08 - 10:52

10-23-95 RCG
15:26-28 Filter check -
16:13 - 16:16 check Sample flow & Control flow

21/95 17:00:30 - 17:55:00 P head too much RF interf on Transfer Std

10-29-95 18:01 - 18:42 ZPS & Filter change.

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSVORT Station ID LUD Location LUDLOW CA

Analyzer Make/Model DASIBI 1003 - AH Serial No 1039 Range 0 - 500 ppb

GENERAL	Date 1995	9/15/95	9/22/95	9/30/95	10/8/95		
	Date of Last Calibration	8/9	9/15	9/15	9/15		
	Station Operator	RCH	RCH	RCH	RCH		
	Check is U or A (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	2	2	2	2		
	Analyzer Span Number	55.550	55.550	55.550	55.550		
	Sample Frequency (40.0 - 48.0)	41.275	41.201	41.059	40.980		
	Control Frequency (21.0 - 28.0)	23.959	23.896	23.841	23.766		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	-	-	-	-		
	Observed DAS Response, ppb	-3	-1	0	1		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	92.4	N/A	93.8	N/A		
	DVM Volts	-	-				
	Observed DAS Response, ppb	89.6	N/A	89.4	N/A		
	DAS Error Δ% (3)	-3.0	N/A	-4.7	N/A		
	Pass? (4) (Yes / No)	Y	N/A	Y	N/A		
SPAN	Known Input Concentration, ppb	410	392	408.6	399		
	DVM Volts	-	-	-	-		
	Observed DAS Response, ppb	399	382	391.5	399		
	DAS Error Δ% (3)	-2.7	-2.6	-4.2	0		
	Pass? (4) (Yes / No)	Y	Y	Y	Y		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 AND TEMP OFF LINE Dates and Times: 9/15/95 16:00:30 TO 17:39 PST

9/22 O_3 DOWN 12:00:30 TO 12:51 PST
TEMPERATURE DOWN 12:11:00 TO 12:53 PST

9/30 TEMP OFF LINE 14:15-14:35 AND 1450-15:55
OZONE OFFLINE 1450-1604 Did Not Down Not

10/8 O_3 OFF LINE 08:00:30 TO 08:50:00 TEMP 0804-0806
0831-0835

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSPORT Station ID LUD Location LUDLOW, CA

Analyzer Make/Model DASIBI 1003-AH Serial No 1039 Range 0-500 ppb

GENERAL	Date 1995	10-13	10-20	10-29	11-2		
	Date of Last Calibration	9/15	10-13	10-13	10-13		
	Station Operator	DVN	DVN	RCH	RCH		
	Check is U or A (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	2	2	2	2		
	Analyzer Span Number	55,550	55.550	55.550	55,550		
	Sample Frequency (40.0 - 48.0)	40,853	40.698	40.217	40,098		
	Control Frequency (21.0 - 28.0)	23,754	23.676	23.623	23.626		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	0	0	0	3		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	97	NA	87.5	91.3		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	92	NA	85.6	90.0		
	DAS Error Δ% (3)	-5.2	NA	-2.2	-1.4		
	Pass? (4) (Yes / No)	Y	NA	Y	Y		
SPAN	Known Input Concentration, ppb	439	434	415	402		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	428	426	407	391		
	DAS Error Δ% (3)	-2.5	-1.8	-1.9	-2.7		
	Pass? (4) (Yes / No)	Y	Y	Y	Y		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 AND TEMP DOWN TIMES AND DATES: 10-13 07:20 - 08:35
10-20 07:20 - 07:59

10/29/95 Temp 14:08 - 14:50
O_3 14:01 - 14:59 ZERO + Filter change

11/2/95 Temp and O_3 OFFLINE 15:01 → ∞

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP Station ID PAL Location SE PALMDALE CA

Analyzer Make/Model DASIBI 1003-A-H Serial No 1813 Range 0 - 500 ppb

GENERAL	Date 1995	9-14	9-21	9-21	9-29	10-6	
	Date of Last Calibration	8-17	9-14	9-14	9-14	9-14	
	Station Operator	RCH	RCH	RCH	RCH	RCH	
	Check is U or A (1)	U	U	A	U	U	
	Sample Flow Rate (2 LPM)	2	2	2	2	2	
	Analyzer Span Number	57,850	57,850	57,850	57,850	57,850	
	Sample Frequency (40.0 - 48.0)	40,098	39,455	47,761	46,540	46,321	
	Control Frequency (21.0 - 28.0)	21.607	21,432	24,306	24,167	24,063	
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	
	Observed DAS Response, ppb	6	6	5	6	5	
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	
PRECESION	Known Input Concentration, ppb	96.3	N/A	N/A	92.9	N/A	
	DVM Volts	—	—	—			
	Observed DAS Response, ppb	98.6	N/A	N/A	95.C	N/A	
	DAS Error Δ% (3)	2.4	—	—	2.9	N/A	
	Pass? (4) (Yes / No)	Y	N/A	N/A	Y	N/A	
SPAN	Known Input Concentration, ppb	405	394	402	404	410	
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	406	391	391	400	414	
	DAS Error Δ% (3)	0.2	-0.8	-2.7	-1.0	1.0	
	Pass? (4) (Yes / No)	Y	Y	Y	Y	Y	

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFFLINE FOR Checks & Filter Change 19:02 - 20:30 9-14-95

O_3 OFFLINE FOR Z/S - FILTER, LAMP & Z/S 14:00:30 - 15:00:00

9-RCH 29 - MET & O_3 AUDIT & O_3 Z/P/S TEMP OFF LINE 11:00 - 11:22 9/29

WIND SPEED & DIRECTION OFF LINE 11:30 - 12:45 9/29

O_3 OFF LINE 12:48 - 14:10

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

10-6 O_3 OFF LINE 07:00:30 TO 07:33:00 PST

5/95

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSPORT Station ID PAL Location S.E. PALMDALE, CA

Analyzer Make/Model DASIBI 1003-AH Serial No 1813 Range 0-500 ppb

GENERAL	Date 1995		10-11-95	10-18-95	10-26-95	11-4-95	
	Date of Last Calibration	9-14	9-14	10-11-95	10-11-95	10-11-95	
	Station Operator		DVN	DVN	RCH	RCH	
	Check is U or A (1)		U	U	U	U	
	Sample Flow Rate (2 LPM)		2	2	2	2	
	Analyzer Span Number		57.850	57.850	57.850	57.850	
	Sample Frequency (40.0 - 48.0)		46.061	45.874	45.404	44.975	
	Control Frequency (21.0 - 28.0)		23.895	23.798	23.681	23.499	
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts		—	—	—	—	
	Observed DAS Response, ppb		6	4	5	3	
	Pass? (2) (Yes / No)		Y	Y	Y	Y	
PRECESION	Known Input Concentration, ppb		86	NA	95.2	90.2	
	DVM Volts		—	—	—		
	Observed DAS Response, ppb		92	NA	100	92.6	
	DAS Error Δ% (3)		7.0	NA	5.3	2.7	
	Pass? (4) (Yes / No)		Y	NA	Y	Y	
SPAN	Known Input Concentration, ppb		440	437	409	415	
	DVM Volts		—	—	—	—	
	Observed DAS Response, ppb		443	439	416	407	
	DAS Error Δ% (3)		0.7	0.5	1.7	-2.0	
	Pass? (4) (Yes / No)		Y	Y	Y	Y	

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFF LINE TIME AND DATES: 10-11-95 13:01 - 14:02
10-18-95 13:10 - 13:59
10-26-95 16:01 - 16:50

O_3 OFF LINE 11-4-95 16:20 PST LINE BROUGHT DOWN FOR SITE REMOVAL

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP Station ID QUA Location QUARTZITE MTN, CA

Analyzer Make/Model DASIBI 1003-A-H Serial No 2052 Range 0-500 ppb

GENERAL	Date 1995	9-13	9-24	9-30	10-8		
	Date of Last Calibration	8/10	9-13	9-13	9-13		
	Station Operator	RCH	RCH	RCH	RCH		
	Check is U or A (1)	A	U	U	U		
	Sample Flow Rate (2 LPM)	2.2	2	1.8	1.8		
	Analyzer Span Number	61,550	61,550	61,550	61,550		
	Sample Frequency (40.0 - 48.0)	46,867	46,084	45,635	45,140		
	Control Frequency (21.0 - 28.0)	24,198	23,872	23,980	23,880		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	4.6	1	0	2		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	81	N/A	~~99.5~~ 97.0	N/A		
	DVM Volts	—	—	—	-		
	Observed DAS Response, ppb	84	N/A	99.4	N/A		
	DAS Error Δ% (3)	3.5	N/A	2.5	N/A		
	Pass? (4) (Yes / No)	Y	N/A	Y	N/A		
SPAN	Known Input Concentration, ppb	401	388	407	391		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	396	382	408	389		
	DAS Error Δ% (3)	-1.2	-1.5	0.2	-0.5		
	Pass? (4) (Yes / No)	Y	Y	Y	Y		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFFLINE TIME & DATES 8/13/95 0810 - 14:15 DASIBI WAS BAD ON ARRIVAL
O_3 VALUES HIGHLY VARIABLE BEGAN WORK ON ANALYZER AT 0810
SEE MAINTAINANCE / MALFUNCTION REPORT

O_3 OFF LINE FOR Z/S & FILTER 9-24-95 11:00:30 - 11:45:00

9/30 O_3 OFF LINE 0702 - 0834, T OFFLINE 0556 - 0615 WS/WD OFFLINE 0625 - 0
FOR AUDITS & ZPS

10/8 O_3 OFFLINE FOR ZERO/SPAN 15:00:30 TO 15:52:00 5/95
AND FILTER CHANGE

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSPORT Station ID QUA Location QUARTZITE MTN, CA

Analyzer Make/Model DASIBI 1003-AH Serial No 2052 Range 0-500 ppb

GENERAL	Date 1995	10-12-95	10-19-95	10-27-95	11-4-95		
	Date of Last Calibration	9-13	10-12	10-12	10-12		
	Station Operator	DVN	DVN	RCH	RCH		
	Check is U or A (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	1.8	1.8	1.8	1.3 or less*		
	Analyzer Span Number	61.550	61.550	61.550	61.550		
	Sample Frequency (40.0 - 48.0)	44.763	44.248	43.585	42.754		
	Control Frequency (21.0 - 28.0)	23.718	23.604	23.599	23.485		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	-2	0	-1	4		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	96	NA	91.8	85		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	94	NA	88.1	65		
	DAS Error Δ% (3)	-2.1	NA	-4.0	-23.1		
	Pass? (4) (Yes / No)	Y	NA	Y	No		
SPAN	Known Input Concentration, ppb	434	436	400	413		
	DVM Volts	~~429~~	—	—	—		
	Observed DAS Response, ppb	-1.15	433	395	312		
	DAS Error Δ% (3)	429	-0.7	-1.3	-24.5		
	Pass? (4) (Yes / No)	Y	Y	Y	No		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFF LINE DATES AND TIMES: 10-12-95 07:15 - 08:30
10-19-95 07:35 - 08:05
10-27-95 09:00:30 - 09:50

* 11-4-95 Pump apparently failing. Maximum flow observed was 1.3 on arrival. Dropped to 1.0 during test.

O_3 OFF LINE 09:27 PST

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP Station ID SHA Location SHADOW MTN, CA

Analyzer Make/Model DASIBI 1003-A-H Serial No 1836 Range 0-500 ppb

GENERAL	Date 1995	9/17	9/22	9/28	9/28	10/5	
	Date of Last Calibration	8-10	9-17	9-17	9-17	9-17	
	Station Operator	RCH	RCH	RCH	RCH	RCH	
	Check is U or A (1)	U	U	U	A	U	
	Sample Flow Rate (2 LPM)	2	2	1*	1	2 to 2*	
	Analyzer Span Number	60,550	60,550	60,550	60,550	60,550	
	Sample Frequency (40.0 - 48.0)	43,611	43,258	38,169	46,254	46,729	
	Control Frequency (21.0 - 28.0)	22,825	22,632	22,610	22,536	22,324	
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	
	Observed DAS Response, ppb	5	1	-1	-2	0	
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	
PRECESION	Known Input Concentration, ppb	97	N/A	86	N/A	N/A	
	DVM Volts	—					
	Observed DAS Response, ppb	105	N/A	85	N/A	N/A	
	DAS Error Δ% (3)	8.2	N/A	-1.2	N/A	N/A	
	Pass? (4) (Yes / No)	Y	N/A	Y	N/A	N/A	
SPAN	Known Input Concentration, ppb	392	396	389	394	396	
	DVM Volts	—					
	Observed DAS Response, ppb	380	394	393	394	404	
	DAS Error Δ% (3)	-3.3	-0.5	1.0	0	2.0	
	Pass? (4) (Yes / No)	Y	Y	Y	Y	Y	

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

~~DAS~~ RAN OFF O_3 OFFLINE FOR TEST/CAL & FILTER 09:01 - 10:56 PST 9/17/9

O_3 OFF LINE 9/22/95 19:00:30 TO 19:54:00 PST

* 1* Adjusted flow down from 2 - 2 pulled too much from calibrator

9/28 O_3 OFF LINE FOR AUDIT, ZPS & ZP & FILTER 14:05 - 15:25

10/5 O_3 OFFLINE 12:00:30 TO 12:41:00

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP. Station ID SHA Location SHADOW MTN

Analyzer Make/Model DASIBI 1003-AH Serial No 1836 Range 0-500 ppb

GENERAL	Date 1995	10-12-95	10-19-95	10-27-95	11-3-95		
	Date of Last Calibration	9-17	10-12	10-12	10-12		
	Station Operator	DVN	DVN	RCG	RCG		
	Check is U or A (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	1.8	①1.8	1.8②	1.9②		
	Analyzer Span Number	60,550	60.550	60,550	60.550		
	Sample Frequency (40.0 - 48.0)	45,935	45.862	45.497	45.252		
	Control Frequency (21.0 - 28.0)	22.160	21.982	21.789	21.739		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	0	-1	-1	0		
	Pass? (2) (Yes / No)	Y	Y	Y	Y		
PRECESION	Known Input Concentration, ppb	88	NA	92	94.7		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	87	NA	95	91.2		
	DAS Error Δ% (3)	-1.1	NA	3.3	-3.7		
	Pass? (4) (Yes / No)	Y	NA	Y	Y		
SPAN	Known Input Concentration, ppb	436	434	401	410		
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	446	438	407	409		
	DAS Error Δ% (3)	2.3	0.9	1.5	-0.4		
	Pass? (4) (Yes / No)	Y	Y	Y	Y		

(1) Unadjusted = "As Found"; Adjusted = "As Left"
(2) DAS Response, ppb = ±2% of full scale
(3) Δ% = (Observed Response - Known Input) ÷ Known Input x 100
(4) DAS Response, ppb = ±10% of Input Concentration

Precision Level Concentration = 80 - 100 ppb
Span Level Concentration = 350 - 450 ppb

O_3 OFFLINE DATES AND TIMES: 10-12-95 10:40-11:35
① flow set to 1 l/m during calibration 10-19-95 10:10-10:50
② flow set to 1 l/m during calibration check 10-27-95 and 11-3-95
10/27 O_3 OFFLINE 13:01-13:42
11/3 O_3 OFFLINE 09:30 TEMP, WIND DIR/SPD OFFLINE 09:40

APPENDIX B

Multipoint Calibration Reports

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: BALDY MESA Date: 11-1-95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 1330 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1415 PST Model: 05305 Height: 10 m
SN#: 20409 Torque: 0.3 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

	Input	Input		DAS			Chart		
Input	Value	Value	DVM	Stn	Error	Error	Stn	Error	Error
rpm	mps	mph	Volts	mps	mps	%	mph	mph	%
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.43	0.00	0.0	---	---	---
3000	14.70	32.88	---	14.60	-0.10	-0.7	---	---	---
7000	34.30	76.73	---	34.20	-0.10	-0.3	---	---	---
			Mean Absolute Error:		0.05	0.3		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.25 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56486

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are:	As Found XX		DAS Chart
(Mark X)	As Left	Pass/Fail:	PASS NA

2 HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: BALDY MESA Date: 11-1-95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 1330 PST Make: R.M.YOUNG Range: 0 to 540 deg
End: 1415 PST Model: 05305 Height: 10 m
SN#: 20409 Torque: 6.0 gm-cm

Magnetic Dec: 14.0 deg E (GEOMAG 5/95) North Align. Error: 0.5 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	3.8	3.8	---	---
	East	90.0	---	90.7	0.7	---	---
	South	180.0	---	180.0	0.0	---	---
cw	West	270.0	---	270.0	0.0	---	---
	North	360.0	---	358.0	-2.0	---	---
	West	270.0	---	270.0	0.0	---	---
	South	180.0	---	180.0	0.0	---	---
	East	90.0	---	90.2	0.2	---	---
ccw	****	---	---	---	---	---	---
	Mean Absolute Error:				0.8		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point;
>+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

			DAS	Chart
Results are: (Mark X)	As Found XX	Pass/Fail:	PASS	NA
	As Left			

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: BALDY MESA Date: 11-1-95 Tech: R.HILLESTAD

**** AMBIENT TEMPERATURE PROBE ****

Begin: 1415 PST Make: CAMPBELL SCI. Range: -30 to +50 C
End: 1500 PST Model: 107 Hgt.: 8 m
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	1.4	---	1.3	-0.1	NA	---	---	---	---
Cool	23.1	---	23.0	-0.1	-0.4	---	---	---	---
Hot	43.1	---	43.1	0.1	0.1	---	---	---	---
Mean Absolute Error:				0.08	0.25			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX		DAS Chart
	As Left	Pass/Fail:	PASS NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: BALDY MESA Date: 11-01-95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 1030 PST Make: DASIBI SN#: 3150
End: 1215 PST Model: 1003 AH Range: 0-500 ppb

Span#: 60.550 Samp.Freq.(40-48 kHz): 47.823
Offset#: 4 Cont.Freq.(21-28 kHz): 22.025

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 46.069
Slope: 1.0025 Cont.Freq.(21-28 kHz): 23.379
Inter.: -0.0880 Cell Temperature, C: 39.00
Bar. Pressure, mmHg: 652.90
STP Correction Factor: 1.1565

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
12	0	2	2	---	---	---	---
84	83	78	-5	-5.5	---	---	---
181	195	184	-11	-5.7	---	---	---
360	403	383	-20	-4.9	---	---	---
Mean Absolute Errors:		9	5.37			NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 360 ppb is 2 %

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9472	NA
Intercept, b:	0.609	NA
Corr.,r:	1.0000	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: BORON Date: 11/3/95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 1725 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1745 PST Model: 05305 Height: 10 M
SN#: 20518 Torque: 0.3 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

	Input	Input		DAS			Chart		
Input	Value	Value	DVM	Stn	Error	Error	Stn	Error	Error
rpm	mps	mph	Volts	mps	mps	%	mph	mph	%
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.43	0.00	0.0	---	---	---
3000	14.70	32.88	---	14.60	-0.10	-0.7	---	---	---
7000	34.30	76.73	---	34.20	-0.10	-0.3	---	---	---
			Mean Absolute Error:		0.05	0.3		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.25 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56332

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are:	As Found XX		DAS Chart
(Mark X)	As Left	Pass/Fail:	PASS NA

2 HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: BORON Date: 11/3/95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 1745 PST Make: R.M.YOUNG Range: 0 to 540 deg
End: 1815 PST Model: 05305 Height: 10 M
SN#: 20518 Torque: 6.0 gm-cm

Magnetic Dec: 14.0 deg E (GEOMAG 5/95) North Align. Error: 0.5 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	3.1	3.1	---	---
	East	90.0	---	91.9	1.9	---	---
	South	180.0	---	180.0	0.0	---	---
cw	West	270.0	---	271.0	1.0	---	---
	North	0.0	---	2.9	2.9	---	---
	West	270.0	---	272.0	2.0	---	---
	South	180.0	---	180.0	0.0	---	---
	East	90.0	---	92.2	2.2	---	---
ccw	*****	####	---	####	0.0	---	---
		Mean Absolute Error:			1.5		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point; >+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX		DAS	Chart
	As Left	Pass/Fail:	PASS	NA

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: BORON Date: 11/3/95 Tech: R.HILLESTAD

**** AMBIENT TEMPERATURE PROBE ****

Begin: 1815 PST Make: CAMPBELL SCI. Range: -30 to +50 C
End: 1845 PST Model: 107 Hgt.: 3 M
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	1.2	---	1.1	-0.1	NA	---	---	---	---
Cool	22.5	---	22.4	-0.1	-0.4	---	---	---	---
Hot	42.1	---	42.2	0.1	0.2	---	---	---	---
Mean Absolute Error:				0.09	0.30			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX As Left		DAS Chart
		Pass/Fail:	PASS NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: BORON Date: 11/03/95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 1558 PST Make: DASIBI SN#: 1805
End: 1714 PST Model: 1003 AH Range: 0-500 ppb

Span#: 57.550 Samp.Freq.(40-48 kHz): 39.947
Offset#: 4 Cont.Freq.(21-28 kHz): 24.012

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 45.359
Slope: 1.0025 Cont.Freq.(21-28 kHz): 23.225
Inter.: -0.0880 Cell Temperature, C: 43.00
Bar. Pressure, mmHg: 694.40
STP Correction Factor: 1.1013

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
11	0	-2	-2	---	---	---	---
99	97	97	0	0.3	---	---	---
179	185	185	0	0.0	---	---	---
370	396	402	6	1.5	---	---	---
Mean Absolute Errors:			2	0.60		NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 399 ppb is <1 %

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	1.0196	NA
Intercept, b:	-2.247	NA
Corr.,r:	1.0000	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: CATALINA Date: 11/6/95 Tech: D.NEVITT
G.MAZIS

**** WIND SPEED SENSOR ****

Begin: 1100 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1138 PST Model: 05305 Height: 10 m
SN#: 20521 Torque: 0.2 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

	Input	Input		DAS			Chart		
Input	Value	Value	DVM	Stn	Error	Error	Stn	Error	Error
rpm	mps	mph	Volts	mps	mps	%	mph	mph	%
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.43	0.00	0.0	---	---	---
2500	12.25	27.40	---	12.20	-0.05	-0.4	---	---	---
7000	34.30	76.73	---	34.20	-0.10	-0.3	---	---	---
		Mean Absolute Error:		0.04		0.2		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.23 mps.
Bearings are OK

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

			DAS	Chart
Results are: (Mark X)	As Found XX	Pass/Fail:	PASS	NA
	As Left			

2 HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: CATALINA Date: 11/6/95 Tech: D.NEVITT
G.MAZIS

**** WIND DIRECTION SENSOR ****

Begin: 1140 PST Make: R.M.YOUNG Range: 0 to 540 deg
End: 1205 PST Model: 05305 Height: 10 m
SN#: 20521 Torque: 6.0 gm-cm

Magnetic Dec: 13.8 deg E (GEOMAG 6/95) North Align. Error: 0.0 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	10.0	---	12.1	2.1	---	---
	East	90.0	---	91.3	1.3	---	---
	South	180.0	---	179.0	-1.0	---	---
cw	West	270.0	---	269.0	-1.0	---	---
	North	350.0	---	350.0	0.0	---	---
	East	90.0	---	89.8	-0.2	---	---
	South	180.0	---	178.0	-2.0	---	---
	East	90.0	---	90.7	0.7	---	---
ccw	North	10.0	---	11.3	1.3	---	---
		Mean Absolute Error:			1.1		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point;
>+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.
Bearings are OK.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)			DAS	Chart
	As Found XX	Pass/Fail:	PASS	NA
	As Left			

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: CATALINA Date: 11/6/95 Tech: D.NEVITT
G.MAZIS

**** AMBIENT TEMPERATURE PROBE ****

Begin: 1220 PST Make: CAMPBELL SCI. Range: -30 to +50 C
End: 1300 PST Model: 107 Hgt.: 10 m
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	3.6	---	3.6	0.0	NA	---	---	---	---
Cool	23.1	---	23.0	-0.1	-0.4	---	---	---	---
Hot	38.8	---	38.8	0.0	0.0	---	---	---	---
Mean Absolute Error:				0.03	0.20			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX As Left	DAS	Chart
		Pass/Fail: PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: CATALINA Date: 11/3/95 Tech: G.MAZIS

**** STATION OZONE ANALYZER ****

Begin: 1218 PST Make: DASIBI SN#: 2509
End: 1420 PST Model: 1003 AH Range: 0-500 ppb

Span#: 55.550 Samp.Freq.(40-48 kHz): 45.158
Offset#: 4 Cont.Freq.(21-28 kHz): 25.606

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1008 PC SN#: 4700
Range: 0-500 ppb Span#: 30.808 Offset#: 8

Cert. Date: 8/26/95 Samp.Freq.(40-48 kHz): 43.124
Slope: 1.0385 Cont.Freq.(21-28 kHz): 50.000
Inter.: -2.1680 Cell Temperature, C: 36.200
Bar. Pressure, mmHg: 729.60
STP Correction Factor: 1.0256

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
10	0	4	4	---	---	---	---
100	91	95	4	4.4	---	---	---
193	188	187	-1	-0.5	---	---	---
416	419	402	-17	-4.1	---	---	---
Mean Absolute Errors:			7	3.00		NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9466	NA
Intercept, b:	6.821	NA
Corr.,r:	0.9999	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: FLASH II MTN. Date: 11/2/95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 0842 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1100 PST Model: 05305 Height: 9.9 m
SN#: 19672 Torque: 0.3 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

	Input	Input		DAS			Chart		
Input	Value	Value	DVM	Stn	Error	Error	Stn	Error	Error
rpm	mps	mph	Volts	mps	mps	%	mph	mph	%
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.39	-0.04	-1.2	---	---	---
3000	14.70	32.88	---	14.50	-0.20	-1.4	---	---	---
7000	34.30	76.73	---	33.90	-0.40	-1.2	---	---	---
			Mean Absolute Error:		0.16	1.3		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.28 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56343

**** THIS IS THE FINAL CLOSING CALIBRATION PRIOR TO SHUTDOWN ****

Results are:	As Found XX		DAS Chart
(Mark X)	As Left	Pass/Fail:	PASS NA

2 HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: FLASH II MTN. Date: 11/2/95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 0842 PST Make: R.M.YOUNG Range: 0 to 540 deg
End: 1100 PST Model: 05305 Height: 9.9 m
SN#: 19672 Torque: 8.0 gm-cm

Magnetic Dec: 14 deg E (GEOMAG 5/95) North Align. Error: 1.5 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	2.0	2.0	---	---
	East	90.0	---	89.9	-0.1	---	---
	South	180.0	---	178.0	-2.0	---	---
cw	West	270.0	---	269.0	-1.0	---	---
	North	0.0	---	2.0	2.0	---	---
	West	270.0	---	269.0	-1.0	---	---
	South	180.0	---	179.0	-1.0	---	---
	East	90.0	---	90.1	0.1	---	---
ccw	*****	---	---	---	---	---	---
	Mean Absolute Error:			1.1		NA	

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point; >+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.46 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CLOSING CALIBRATION PRIOR TO SHUTDOWN ****

Results are: (Mark X)	As Found XX		DAS Chart
	As Left	Pass/Fail:	PASS NA

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: FLASH II MTN. Date: 11/2/95 Tech: R.HILLESTAD

**** AMBIENT TEMPERATURE PROBE ****

Begin: 0920 PST Make: CAMPBELL SCI. Range: -30 to +50 C
End: 0955 PST Model: 107 Hgt.: 3.0 m
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	1.1	---	1.1	-0.1	NA	---	---	---	---
Cool	22.8	---	22.7	-0.1	-0.4	---	---	---	---
Hot	44.3	---	44.3	0.0	0.1	---	---	---	---
Mean Absolute Error:				0.07	0.25			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CLOSING CALIBRATION PRIOR TO SHUTDOWN ****

Results are: (Mark X)	As Found XX		DAS	Chart
	As Left	Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: FLASH II MTN. Date: 11/2/95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 0838 PST Make: DASIBI SN#: 3070
End: 1054 PST Model: 1003 AH Range: 0-500 ppb

Span#: 59.450 Samp.Freq.(40-48 kHz): 39.305
Offset#: 4 Cont.Freq.(21-28 kHz): 21.950

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 45.618
Slope: 1.0025 Cont.Freq.(21-28 kHz): 23.221
Inter.: -0.0880 Cell Temperature, C: 42.00
Bar. Pressure, mmHg: 675.50
STP Correction Factor: 1.1286

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
11	0	3	3	---	---	---	---
89	89	81	-8	-8.9	---	---	---
177	188	168	-20	-10.6	---	---	---
369	405	386	-19	-4.7	---	---	---
Mean Absolute Errors:		12	8.07			NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 407 ppb is -1.8 %

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CLOSING CALIBRATION PRIOR TO SHUTDOWN ****

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9487	NA
Intercept, b:	-2.220	NA
Corr.,r:	0.9993	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: LUDLOW Date: 11/2/95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 1725 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1740 PST Model: 05305 Height: 10 M
SN#: 20523 Torque: 0.4 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

	Input	Input		DAS			Chart		
Input	Value	Value	DVM	Stn	Error	Error	Stn	Error	Error
rpm	mps	mph	Volts	mps	mps	%	mph	mph	%
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.39	-0.04	-1.2	---	---	---
3000	14.70	32.88	---	14.50	-0.20	-1.4	---	---	---
7000	34.30	76.73	---	33.90	-0.40	-1.2	---	---	---
				Mean Absolute Error:		0.16	1.3	NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.30 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56316

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX		DAS Chart
	As Left	Pass/Fail:	PASS NA

2 HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: LUDLOW Date: 11/2/95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 1740 PST Make: R.M.YOUNG Range: 0 to 540 deg
End: 1755 PST Model: 05305 Height: ****
SN#: 20523 Torque: 6.0 gm-cm

Magnetic Dec: 14.0 deg E (GEOMAG 5/95) North Align. Error: -0.5 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	0.7	0.7	---	---
	East	90.0	---	90.7	0.7	---	---
	South	180.0	---	181.0	1.0	---	---
cw	West	270.0	---	270.0	0.0	---	---
	North	0.0	---	1.0	1.0	---	---
	West	270.0	---	270.0	0.0	---	---
	South	180.0	---	181.0	1.0	---	---
	East	90.0	---	90.8	0.8	---	---
ccw	*****	---	---	---	---	---	---
	Mean Absolute Error:				0.6		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point;
>+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

			DAS	Chart
Results are: (Mark X)	As Found XX	Pass/Fail:	PASS	NA
	As Left			

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: LUDLOW Date: 11/2/95 Tech: R.HILLESTAD

**** AMBIENT TEMPERATURE PROBE ****

Begin: 1700 PST Make: CAMPBELL SCI. Range: -30 to +50 C
End: 1720 PST Model: 107 Hgt.: 3.5 m
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	0.9	---	0.8	-0.1	NA	---	---	---	---
Cool	23.3	---	23.3	0.0	0.0	---	---	---	---
Hot	42.5	---	42.7	0.2	0.5	---	---	---	---
Mean Absolute Error:				0.11	0.25			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX As Left		DAS Chart
		Pass/Fail:	PASS NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: LUDLOW Date: 11/02/95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 1501 PST Make: DASIBI SN#: 1039
End: 1651 PST Model: 1003 AH Range: 0-500 ppb

Span#: 55.550 Samp.Freq.(40-48 kHz): 40.098
Offset#: 4 Cont.Freq.(21-28 kHz): 23.626

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 44.100
Slope: 1.0025 Cont.Freq.(21-28 kHz): 22.425
Inter.: -0.0880 Cell Temperature, C: 44.00
Bar. Pressure, mmHg: 713.00
STP Correction Factor: 1.0760

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
13	0	3	3	---	---	---	---
98	91	90	-1	-1.1	---	---	---
187	187	184	-4	-1.9	---	---	---
386	402	391	-11	-2.8	---	---	---
Mean Absolute Errors:		5	1.93		NA		NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 408 ppb is 1.8 %

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

	LINEAR REGRESSIONS Primary	Backup
Slope, m:	0.9654	NA
Intercept, b:	2.708	NA
Corr.,r:	1.0000	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: SE PALMDALE Date: 11/4/95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 1700 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1725 PST Model: 05305 Height: 16.0 m
SN#: 20517 Torque: 0.2 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

Input rpm	Input Value mps	Input Value mph	DVM Volts	DAS Stn mps	DAS Error mps	DAS Error %	Chart Stn mph	Chart Error mph	Chart Error %
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.43	0.00	0.0	---	---	---
3000	14.70	32.88	---	14.60	-0.10	-0.7	---	---	---
7000	34.30	76.73	---	34.20	-0.10	-0.3	---	---	---
		Mean Absolute Error:			0.05	0.3		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.23 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56308

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

			DAS	Chart
Results are: (Mark X)	As Found XX	Pass/Fail:	PASS	NA
	As Left			

2 HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: SE PALMDALE Date: 11/4/95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 1725 PST
End: 1800 PST

Make: R.M.YOUNG
Model: 05305
SN#: 20517

Range: 0 to 540 deg
Height: 16.0 m
Torque: 6.0 gm-cm

Magnetic Dec: 14 deg E
(GEOMAG 5/95)

North Align. Error: 0.0 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	2.3	2.3	---	---
	East	90.0	---	90.6	0.6	---	---
	South	180.0	---	179.0	-1.0	---	---
cw	West	270.0	---	270.0	0.0	---	---
	North	0.0	---	2.2	2.2	---	---
	East	90.0	---	90.2	0.2	---	---
	South	180.0	---	179.0	-1.0	---	---
	East	90.0	---	90.6	0.6	---	---
ccw	North	0.0	---	2.2	2.2	---	---
		Mean Absolute Error:			1.1		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point;
>+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)			DAS	Chart
	As Found XX	Pass/Fail:	PASS	NA
	As Left			

OZONE MULTIPOINT CALIBRATION REPORT

Station: SE PALMDALE Date: 11/4/95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 1810 PST Make: DASIBI SN#: 1813
End: 1855 PST Model: 1003 AH Range: 0-500 ppb

Span#: 57.850 Samp.Freq.(40-48 kHz): 44.975
Offset#: 4 Cont.Freq.(21-28 kHz): 3.499

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 44.838
Slope: 1.0025 Cont.Freq.(21-28 kHz): 22.989
Inter.: -0.0880 Cell Temperature, C: 40.00
Bar. Pressure, mmHg: 688.60
STP Correction Factor: 1.1001

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
12	0	3	3	---	---	---	---
94	90	93	3	2.9	---	---	---
186	192	191	-1	-0.6	---	---	---
389	415	407	-8	-2.0	---	---	---
Mean Absolute Errors:			4	1.83		NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 410 ppb is 2.3 %

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9707	NA
Intercept, b:	4.259	NA
Corr.,r:	1.0000	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: QUARTZITE MTN. Date: 11/4/95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 1125 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1140 PST Model: 05305 Height: 13.4 m
SN#: 20408 Torque: 0.2 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

Input rpm	Input Value mps	Input Value mph	DVM Volts	DAS Stn mps	DAS Error mps	DAS Error %	Chart Stn mph	Chart Error mph	Chart Error %
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.39	-0.04	-1.2	---	---	---
3000	14.70	32.88	---	14.50	-0.20	-1.4	---	---	---
7000	34.30	76.73	---	33.90	-0.40	-1.2	---	---	---
		Mean Absolute Error:		0.16		1.3		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.23 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56339

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)			DAS	Chart
	As Found XX	Pass/Fail:	PASS	NA
	As Left			

HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: QUARTZITE MTN. Date: 11/4/95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 1140 PST
End: 1210 PST

Make: R.M.YOUNG
Model: 05305
SN#: 20408

Range: 0 to 540 deg
Height: 13.4 m
Torque: 6.0 gm-cm

Magnetic Dec: 14 deg E
(GEOMAG 5/95)

North Align. Error: 0.5 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	1.9	1.9	---	---
	East	90.0	---	88.5	-1.5	---	---
	South	180.0	---	177.0	-3.0	---	---
cw	West	270.0	---	270.0	0.0	---	---
	North	0.0	---	1.9	1.9	---	---
	East	90.0	---	88.6	-1.4	---	---
	South	180.0	---	177.0	-3.0	---	---
	East	90.0	---	88.8	-1.2	---	---
ccw	North	0.0	---	1.9	1.9	---	---
		Mean Absolute Error:			1.8		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point;
>+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

			DAS	Chart
Results are: (Mark X)	As Found XX	Pass/Fail:	PASS	NA
	As Left			

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: QUARTZITE MTN. Date: 11/4/95 Tech: R.HILLESTAD

**** AMBIENT TEMPERATURE PROBE ****

Begin: 1210 PST
End: 1245 PST
Make: CAMPBELL SCI. Range: -30 to +50 C
Model: 107 Hgt.: 4.1 m
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	1.3	---	1.2	-0.1	NA	---	---	---	---
Cool	21.9	---	21.8	-0.1	-0.5	---	---	---	---
Hot	42.0	---	42.1	0.1	0.2	---	---	---	---
Mean Absolute Error:				0.10	0.35			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

Results are: (Mark X)	As Found XX As Left	DAS	Chart
		Pass/Fail: PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: QUARTZITE MTN. Date: 11/04/95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 0927 PST Make: DASIBI SN#: 2052
End: 1115 PST Model: 1003 AH Range: 0-500 ppb

Span#: 61.550 Samp.Freq.(40-48 kHz): 42.754
Offset#: 4 Cont.Freq.(21-28 kHz): 23.485

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 45.311
Slope: 1.0025 Cont.Freq.(21-28 kHz): 23.173
Inter.: -0.0880 Cell Temperature, C: 41.00
Bar. Pressure, mmHg: 648.80
STP Correction Factor: 1.1713

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
12	0	4	4	---	---	---	---
85	85	65	-20	-23.1	---	---	---
177	194	144	-50	-25.9	---	---	---
364	413	312	-101	-24.5	---	---	---
Mean Absolute Errors:		44	24.50			NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 413 ppb is 13 %
Station does not have chart recorder as backup system.

The station analyzer pump is apparently failing. The maximum flow indicated on the station analyzer rotometer is 1.3 lpm and was even less (1.1) during the calibration check. Also, the standard line loss check (direct into analyzer was -11.2%, while the loss thru the full line, including the filter, was -24.5%.

**** THIS IS THE FINAL CALIBRATION PRIOR TO STATION SHUTDOWN ****

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.7465	NA
Intercept, b:	2.152	NA
Corr.,r:	0.9999	NA

Results are: (Mark X) As Found XX As Left

	Primary	Backup
Pass/Fail:	FAIL	NA

---

1 HORIZONTAL WIND SPEED CALIBRATION REPORT

Station: SHADOW MTN. Date: 11/3/95 Tech: R.HILLESTAD

**** WIND SPEED SENSOR ****

Begin: 0955 PST Make: R.M.YOUNG Range: 0 to 44.7 mps
End: 1010 PST Model: 05305 Height: 10 m
SN#: 20404 Torque: 0.3 gm-cm

ANEMOMETER DRIVE MOTOR--> Make: R.M.YOUNG S/N: NA

Input rpm	Input Value mps	Input Value mph	DVM Volts	DAS Stn mps	DAS Error mps	DAS Error %	Chart Stn mph	Chart Error mph	Chart Error %
0	0.00	0.00	---	0.00	0.00	NA	---	---	---
700	3.43	7.67	---	3.43	0.00	0.0	---	---	---
3000	14.70	32.88	---	14.60	-0.10	-0.7	---	---	---
7000	34.30	76.73	---	34.20	-0.10	-0.3	---	---	---
			Mean Absolute Error:		0.05	0.3		NA	NA

LIMITS: >+/-0.2 mps error for speeds <5 mps; >+/-5% of input >5 mps;
>2.5 mps error per point; >0.90 gm-cm starting torque threshold.

COMMENT: WS starting torque threshold = 0.28 mps.

Station does not have chart recorder as backup system.

PROPELLER S/N#: 56340

**** THIS IS THE FINAL CALIBRATION PRIOR TO SHUTDOWN ****

Results are: (Mark X)		DAS	Chart
As Found XX			
As Left	Pass/Fail:	PASS	NA

HORIZONTAL WIND DIRECTION CALIBRATION REPORT

Station: SHADOW MTN. Date: 11/3/95 Tech: R.HILLESTAD

**** WIND DIRECTION SENSOR ****

Begin: 1010 PST
End: 1030 PST

Make: R.M.YOUNG
Model: 05305
SN#: 20404

Range: 0 to 540 deg
Height: ****
Torque: 6.0 gm-cm

Magnetic Dec: 14.0 deg E
(GEOMAG 5/95)

North Align. Error: -1.5 deg

	Gen. Dir.	Input Value Deg.	DVM Volts	DAS Stn Deg.	DAS Error Deg.	Chart Stn Deg.	Chart Error Deg.
	North	0.0	---	1.6	1.6	---	---
	East	90.0	---	89.7	-0.3	---	---
	South	180.0	---	178.0	-2.0	---	---
cw	West	270.0	---	268.0	-2.0	---	---
	North	0.0	---	1.4	1.4	---	---
	West	270.0	---	268.0	-2.0	---	---
	South	180.0	---	179.0	-1.0	---	---
	East	90.0	---	89.8	-0.2	---	---
ccw	*****	---	---	---	---	---	---
	Mean Absolute Error:				1.3		NA

LIMITS: >+/-3 deg from T.N.(alignment); >+/-5 deg error per input point;
>+/-3 deg Mean Abslt Error (linearity); >9.0 gm-cm start torque.

COMMENT: WD starting torque threshold = 0.40 mps.

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO SHUTDOWN ****

Results are: (Mark X)			DAS	Chart
	As Found XX	Pass/Fail:	PASS	NA
	As Left			

AMBIENT TEMPERATURE CALIBRATION REPORT

Station: SHADOW MTN. Date: 11/3/95 Tech: R.HILLESTAD

**** AMBIENT TEMPERATURE PROBE ****

Begin: 0940 PST Make: CAMPBELL SCI. Range: -30 to +50 C
End: 0955 PST Model: 107 Hgt.: 8 M
SN#: NA

CALIBRATION THERMOMETER-> Make: VWR SN#: 92-14453

			DAS			Chart			
Water Bath	Input Deg.C	DVM Volts	Stn deg C	Error deg C	Error %	Stn div	Stn deg C	Error deg C	Error %
Ice	0.8	---	0.6	-0.2	NA	---	---	---	---
Cool	22.4	---	22.5	0.1	0.4	---	---	---	---
Hot	42.4	---	42.7	0.3	0.7	---	---	---	---
Mean Absolute Error:				0.20	0.55			NA	NA

LIMIT: >+/-0.5 C error per input point.

COMMENT: Station does not have chart recorder backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO SHUTDOWN ****

Results are: (Mark X)	As Found XX		DAS
	As Left	Pass/Fail:	PASS
			Chart
			NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: SHADOW MTN. Date: 11/3/95 Tech: R.HILLESTAD

**** STATION OZONE ANALYZER ****

Begin: 1030 PST Make: DASIBI SN#: 1836
End: 1140 PST Model: 1003 AH Range: 0-500 ppb

Span#: 60.550 Samp.Freq.(40-48 kHz): 45.252
Offset#: 4 Cont.Freq.(21-28 kHz): 21.739

**** OZONE TRANSFER STANDARD ****

Make: DASIBI Model: 1003 PC SN#: 1871
Range: 0-500 ppb Span#: 52.550 Offset#: 4

Cert. Date: 08/23/95 Samp.Freq.(40-48 kHz): 45.417
Slope: 1.0025 Cont.Freq.(21-28 kHz): 23.211
Inter.: -0.0880 Cell Temperature, C: 40.00
Bar. Pressure, mmHg: 656.40
STP Correction Factor: 1.1540

Avg. T.Std Dsply ppb	Audit T.Std. Value ppb	PRIMARY DAS ppb	PRIMARY Error ppb	PRIMARY Error %	BACKUP DAS ppb	BACKUP Error ppb	BACKUP Error %
14	0	0	0	---	---	---	---
96	95	91	-4	-4.0	---	---	---
179	190	190	0	0.1	---	---	---
369	410	409	-1	-0.3	---	---	---
Mean Absolute Errors:		1	1.47			NA	NA

LIMITS: m = >1 +/-0.1, and b = >+/-2% FS, and r = <0.9950

COMMENT: O3 line loss at 403 ppb is 0.8 %

Station does not have chart recorder as backup system.

**** THIS IS THE FINAL CALIBRATION PRIOR TO SHUTDOWN ****

	LINEAR REGRESSIONS Primary	Backup
Slope, m:	0.9997	NA
Intercept, b:	-1.197	NA
Corr.,r:	0.9999	NA

Results are: As Found XX (Mark X) As Left

	Primary	Backup
Pass/Fail:	PASS	NA

APPENDIX C

Data Quality Assurance (QA) Forms

SURFACE MEASUREMENTS QA FORM

Date: 1/2/96
Site ID: Baldy Mesa
Reviewer: DL
BAOCT95.REV

October

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/5	278	0801	10/5	278	0901	5	SC-998	2/P/S Check
10/11	284	0901	10/11	284	1001	5	CA-990	multipoint calib.
10/18	291	1001	10/18	291	1101	5	SC-998	2/P/S Check
10/26	299	1001	10/26	299	1229	5	SC-998	2/P/S
10/26	299	1230 →	1300			5		recalc. average
	check		03 spikes	on	JD 299	-300		
10/26	299	1312	10/26	299	1342	5	TM-992	spike - recalculate average
10/27	300	0706	10/27	300	0724	5		"
10/27	300	1312	10/27	300	1330	5		"
10/27	300	1654	10/27	300	1725	5		"

FORMGM1

T&B Systems Inc.

SURFACE MEASUREMENTS QA FORM

Date: 1/2/96

Site ID: Boron

Reviewer: DL

B00C795

Get

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/5	278	1601	10/5	278	1701	5	SC-998	2/P/S check
10/12	285	1325	10/12	285	1429	5	CA-996	multi point
10/12	285	1430	→	→	1500	5		recompute average
10/19	292	1301	10/19	292	1401	5	SC-998	2/P/S check
10/27	300	1601	10/27	300	1645	5	SC-998	2/P/S check
10/8	281	1158	10/8	281	1201	5	IM-992	remove spike
								recompute average
10/8	291	1245	10/8	291	1250	5	IM-992	remove spike
								recompute average

FORMGM1

T&B Systems Inc.

SURFACE MEASUREMENTS QA FORM

Date: 1/2/96

Site ID: Catalina

Reviewer: DL

CA 667 95

FROM (Oct)			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/4	277	1140	10/4	277	1325	5	PA-996	Internal Audit
10/4	277	1200				5		recompute
10/4	277	1300				5		averages
10/9	282	1301	10/9	282	1501	5	SC-998	2/P/S Check
10/20	293	1201	10/20	293	1401	5	SC-998	2/P/S check
10/25	298	1037	10/25	298	1201	5	SC-998	2/P/S check
10/25	298	1100				5		recompute average.
10/25	298	1631	10/25	298	1645	5	IM-992	remove spike / recompute average
10/4	277	1101	10/4	277	1201	6	PA-996	Internal Audit
10/4	277	1201	10/4	277	1301	8,9	PA-996	" "
10/4	277	1101	10/4	277	1201	7,10	PA-996	" "

FORMGM1

T&B Sq, 3 Ino

SURFACE MEASUREMENTS QA FORM

Date: 1/2/96

Site ID: Flash II mtn.

Reviewer: DL

FLOAT 95

OCT

FROM TO

Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/1	274	0801	10/1	274	1001	5	PA-996	Internal Audit / 2/P/S
10/1	274	0601	10/1	274	0710	6	PA-996	Internal Audit
10/1	274	0712	10/1	274	0800	6		recompute average
10/1	274	0725	10/1	274	0901	8-10	PA-996	Internal Audit
10/1	274	0725	10/1	274	0826	7	PA-996	" "
10/1	274	0830	→	→	0900	7		recompute average
10/8	281	1122	10/8	281	1201	5	SC-998	2/P/S check
10/13	286	1038	10/13	286	1201	5	CA-990	multipoint calibration
10/13	286	1006	→	→	1030	5		recompute average
10/20	293	1001	10/20	293	1101	5	SC-998	2/P/S check
10/21	294	1701	10/23	296	1501	5	IM-992	Disqualified data - Too low
10/23	296	1502	10/23	296	1801	5	MT-994	Checking equipment
10/29	302	1801	10/29	302	1901	5	SC-998	2/P/S check

FORMGM1

T & B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 1/2/95
Site ID: Ludlow
Reviewer: DL
LU OCT 95

FROM			TO (Oct)					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/8	281	0801	10/8	281	0901	5	SC-998	2/P/S check
10/13	286	0701	10/13	286	0901	5	CA-990	Multipoint calib.
10/20	293	0601	10/20	293	0901	5	SC-998	2/P/S check
	note - From behavior of ozone readings believe analyzer was being worked							
	on longer than Technicians notes say. DL							
10/29	302	1401	10/29	302	1501	5	SC-998	2/P/S check

FORMGM1

T&B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 1/3/95
Site ID: Palmdale
Reviewer: DL
PA OCT 95

FROM OCT TO

Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/6	279	0701	10/6	279	0801	5	SC-998	2/P/S check
10/11	284	1301	10/11	284	1501	5	SC-998	multi point
10/18	291	1301	10/18	291	1401	5	SC-998	2/P/S check
10/26	299	1601	10/26	299	1801	5	SC-998	2/P/S check

FORMGM1

T&B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 1/3/96

Site ID: Quartzite mtn.

Reviewer: DL

Qu. Oct 95

FROM Oct TO

Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
✓ 10/8	281	1501	10/8	281	1601	5	SC-998	2 P/S check
✓ 10/12	285	0701	10/12	285	0901	5	CA-990	multipoint
✓ 10/19	292	0701	10/19	292	0801	5	SC-998	2 P/S check
✓ 10/27	300	0901	10/27	300	1001	5	SC-998	2 P/S check
✓ 10/27	300	1002	11/1	305	0001	5	EM-992	Invalidate data due to 11/3 calibration fail. Can not identify Significant event

FORM GM1

T&B Systems

SURFACE MEASUREMENTS QA FORM

Date: 1/3/96

Site ID: Shadow mtn.

Reviewer: DL

5th OCT 95

Oct

FROM

TO

Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
10/5	278	1201	10/5	278	1301	5	SC-998	2/P/S check
10/12	285	1037	10/12	285	1201	5	CA-990	multi point calib.
10/12	285	1006	———	——→	1036	5		recalculate average
10/19	292	1001	10/19	292	1101	5	SC-998	2/P/S check
10/27	300	1236	10/27	300	1331	5	SC-998	2/P/S check
10/27	300	1206	———	——→	1330	5		recompute average
10/27	300	1336	———	——→	1400	5		recompute average

FORMGM1

T&B Systems Inc

CARB LIBRARY
13194