MONITORING IN OZONE TRANSPORT CORRIDORS

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

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1. Overview

The following is the second 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 over the period from July 1, 1995 to July 31, 1995. Operations are expected to continue until October 31, 1995.

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 which 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 which 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. Continuous monitoring of shelter temperature was initiated on July 12 at all the sites. 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 telephone.

The only significant loss of ozone data occurred at Quartzite on July 1-2 due to an instrument malfunction.

As in June, exceedances of both the State and Federal standards were measured at all the sites in the project network except for Ludlow and FlashII Mtn. Likewise, the Mojave Desert AQMD site at Barstow did not experience an exceedance. The other Mojave Desert AQMD and South Coast AQMD (SCAQMD) sites in the Mojave Desert all exceeded the State's standard on a number of days.

Table 1 gives the number of hours and days that hourly-averaged ozone concentrations exceeded the State's standard at the sites

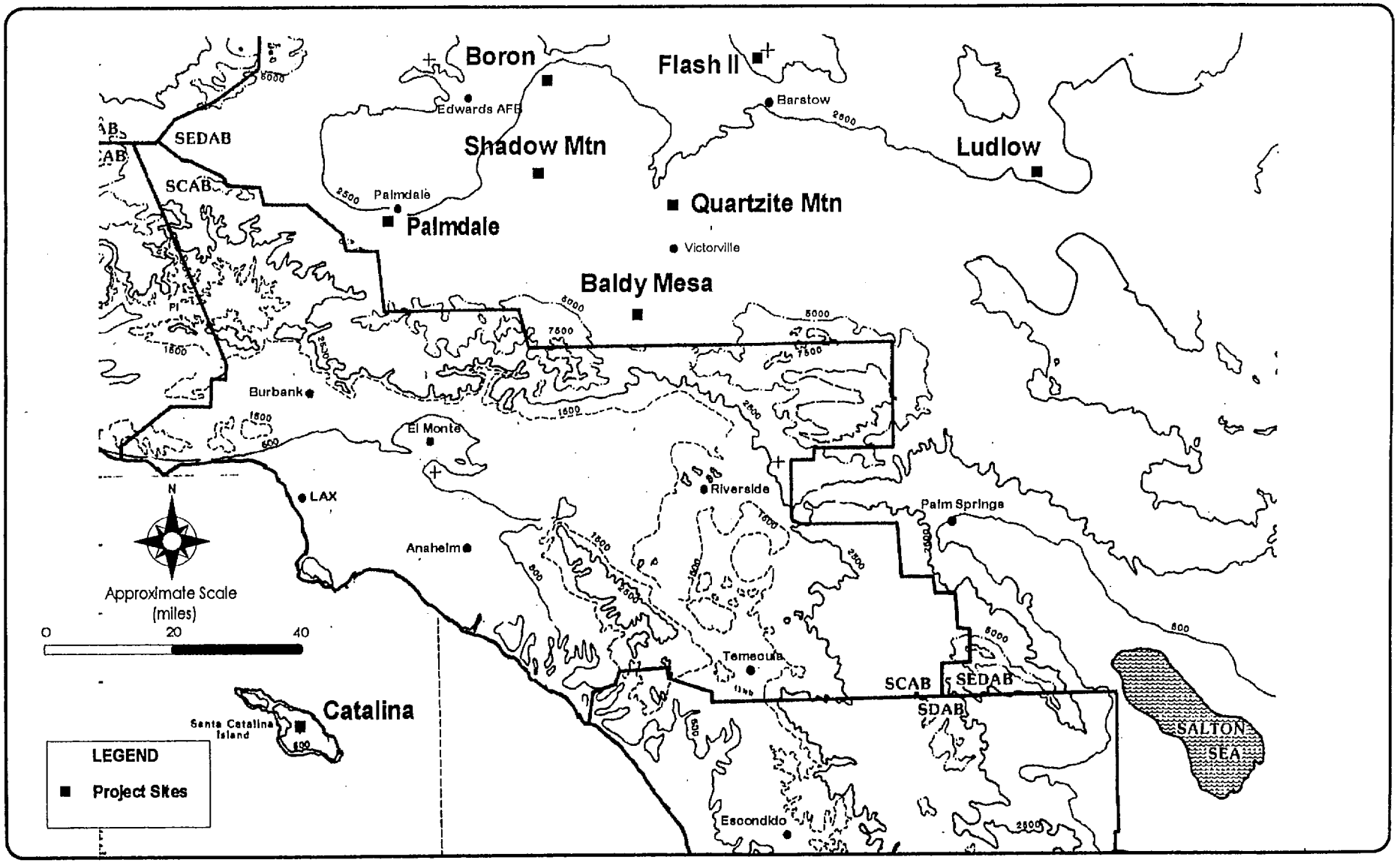

Fig. 1 Project Site Locations

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

Site	# Hours	# Days	Maximum (ppb)	Date
Baldy Mesa	172	24	165	23
Boron	13	5	114	6
Catalina	26	6	157	26
FlashII Mtn.	0	0	93	15
Ludlow	0	0	90	21
SE Palmdale	141	23	185	24
Quartzite Mtn.	71	16	153	24
Shadow Mtn.	23	9	150	25

within the project network. The maximum concentrations experienced and the days on which the maximum occurred are also given.

The Baldy Mesa and Palmdale measurements attested to the significant impact of transport from the South Coast air basin. Exceedances of the State standard were experienced on 77% of the days in July at Baldy Mesa, and occurred 23% of the total hours monitored. Palmdale experienced exceedances of the State standard on 74% of the days for 19% of the total hours. Maximum levels were 165 ppb and 185 ppb respectively at the two sites.

Generally, the exceedances at Palmdale and Baldy Mesa occurred in the late afternoon and evening hours during moderate to strong flow conditions through the passes. A notable exception occurred at Palmdale on July 14. Exceedances were experienced between 08-11 PST when northeast winds were occurring. This was most likely due to carryover from the previous day when levels as high as 150 ppb were measured coming into the desert through the passes.

The Boron site exceeded the State (but not the Federal) Standard for 13 hours on five days. Boron exceedances coincided with exceedances at Mojave, a local District site, on only one of the five days, July 15. Lancaster, an SCQAMD site, had exceedances on all five days. The Boron exceedances all occurred in the late

afternoon and early evening when the winds were southwest to west.

Ozone levels at Phelan (140's), a Mojave Desert AQMD site, on July 8-10 were significantly higher than at Baldy Mesa, Palmdale, or Hesperia (another District site). Phelan was again significantly higher than the other sites on July 31.

Catalina Island again experienced exceedances of the State's standard on six days. Fifteen of the twenty-six exceedance hours occurred on two days, July 25-26, during Santa Ana type conditions.

A synopsis of operations during the reporting period is presented in Section 2. The quality control (QC) and assurance procedures that ensure the integrity of the data collected in this project are summarized in Section 3. The format of the data is shown in Section 4. The hourly-averaged data are given in Section 5. Calibration results and zero precision span (ZPS) check worksheets are given in the appendices.

2. Operations Summary

The activity at each site during the reporting period is summarized below.

Baldy Mesa - A multipoint calibration was performed on ozone July 12. Zero precision span (ZPS) checks were performed July 2, July 21, and July 25. There was an apparent site power outage for several hours on July 31.

Boron - A multipoint calibration was performed on ozone July 13. Zero precision span (ZPS) checks were performed July 3, July 19, and July 26. There was an apparent site power outage for several hours on July 29. Wind gusts to more than 50 mph were measured and lightning was reported in the area.

Catalina Island - A multipoint calibration was performed on ozone July 24. Zero precision span (ZPS) checks were performed July 7, July 13, and July 17. No problems were reported during the reporting period.

FlashII Mtn. - A multipoint calibration was performed on ozone July 14. Zero precision span (ZPS) checks were performed July 3, July 20, and July 27. Power was out at the site for four hours on July 5 when a new air conditioner was being installed by the facility operator.

Ludlow - A multipoint calibration was performed on ozone July 14. Zero precision span (ZPS) checks were performed July 3, July 20, and July 27. No problems were reported during the reporting period.

S.E. Palmdale - A multipoint calibration was performed on ozone July 12. Zero precision span (ZPS) checks were performed July 2, July 19, and July 25. No problems were reported during the reporting period.

Quartzite Mtn. - The scheduled multipoint calibration was performed on ozone July 13. Zero precision span (ZPS) checks were performed July 2, July 21, and July 25. The ozone analyzer pump malfunctioned on June 30 and was replaced on July 2. A multipoint calibration was performed during the installation of the new ozone analyzer.

Shadow Mtn. - Multipoint calibrations were performed on ozone July 13. Zero precision span (ZPS) checks were performed July 4, July 21, and July 26. About 24-hours of wind direction were missed on July 12-13 due to a wiring problem.

3. Quality Control and 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 (ZPS) checks performed on the ozone analyzer. The ZPS check reports are shown in Appendix A.

The sites are interrogated daily via 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 as well as 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 those 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 as invalid, the QA

codes give an explanation. The QA codes used in the data base are defined in the following section.

4. Field and File Formats

Data from the reporting period (July) 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 #	parameter
1	julian day
2	time (PST)
channel #	
5	ozone (ppb)
6	ambient temperature (°C)
7	wind speed (mps)
8	wind direction
9	sigma theta
10	peak wind gust (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 hardcopy	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. Hourly-Averaged Data

One table (page) 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, and 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

SITE NAME : Baldy Mesa

ELEVATION : 4250 feet

PARAMETER : Ozone (parts per billion)

LATITUDE : 34 degrees 23 minutes 20 seconds

LONGITUDE : 117 degrees 26 minutes 33 seconds

T & B SYSTEMS, INC.

MONTH : July

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	49	50	52	49	51	49	42	43	46	39	39	47	62	77	90	94	108	104	97	96	86	81	81	78	108
2	84	88	89	96	97	89	87	97	101	101	105	114	124	127	111	108	107	95	92	79	57	56	58	57	127
3	59	59	58	52	51	54	50	54	49	56	60	70	82	96	104	104	98	88	87	85	72	68	63	62	104
4	70	66	60	43	44	35	39	45	51	56	59	64	71	77	81	88	97	104	106	103	97	94	84	75	106
5	65	72	66	51	50	48	46	62	69	67	66	71	80	100	118	123	113	108	114	122	114	113	117	100	123
6	94	102	99	86	76	66	66	72	66	56	59	58	62	78	92	105	112	131	132	122	124	121	116	106	132
7	86	67	61	72	71	55	55	66	61	61	63	66	66	60	68	78	92	108	97	118	131	131	125	118	131
8	111	97	83	70	76	81	90	87	93	87	72	62	73	91	83	79	80	79	92	92	88	76	74	74	111
9	66	55	51	48	49	50	55	55	47	52	61	72	76	77	64	63	75	80	102	98	94	83	77	68	102
10	61	56	51	48	49	44	43	31	34	38	40	50	53	56	64	71	72	99	108	98	91	83	77	67	108
11	65	62	51	45	38	39	32	32	40	46	53	56	51	47	41	48	29	25	38	38	39	33	36	33	65
12	31	30	29	23	22	37	43	48	52	[CA]	51	55	62	59	63	79	100	99	90	63	63	62	59	59	
13	55	54	53	53	45	40	54	55	59	62	63	65	69	87	80	92	96	101	112	104	111	113	112	112	113
14	79	88	89	103	97	94	76	76	77	65	39	40	48	57	58	54	58	66	117	110	86	71	64	59	117
15	63	67	60	58	51	46	48	51	55	55	56	57	52	59	67	86	126	143	151	111	90	84	85	84	151
16	59	64	60	59	60	62	51	37	30	33	24	43	36	33	36	48	53	55	48	47	59	56	50	56	64
17	51	50	49	46	49	48	45	46	42	40	47	53	55	68	65	57	58	63	81	68	65	59	56	51	81
18	46	58	65	69	71	72	70	61	44	40	36	42	52	61	62	68	54	39	31	22	19	29	27	21	72
19	16	17	8	11	11	14	18	19	29	37	45	47	47	45	58	56	67	60	63	65	49	41	36	35	67
20	35	31	31	32	33	34	35	38	44	51	55	63	73	60	84	83	53	66	73	63	66	61	64	65	84
21	61	58	54	48	35	34	38	40	44	51	63	[SC]	79	95	110	126	113	97	81	59	59	74	56	54	
22	53	52	48	43	43	43	42	43	55	60	68	77	94	111	131	127	139	140	132	124	121	108	111	105	140
23	103	122	108	95	87	85	93	92	76	87	98	105	113	119	139	150	159	163	143	142	147	165	159	150	165
24	149	143	130	128	122	114	106	81	86	85	80	79	67	72	92	98	120	130	156	150	144	130	122	125	156
25	111	94	79	81	83	74	74	83	65	[MT]	[MT]	[MT]	60	70	80	98	101	120	142	149	148	146	133	127	
26	106	96	92	85	95	82	65	51	39	40	46	52	54	49	52	52	57	69	59	54	76	76	67	53	106
27	49	49	48	45	42	40	37	39	40	46	63	59	62	67	62	60	60	50	79	71	54	44	27	32	79
28	39	29	27	38	53	54	52	46	46	48	53	52	58	60	64	67	128	149	142	119	50	49	52	48	149
29	48	49	53	49	54	51	51	52	55	60	65	65	67	71	82	75	79	57	54	50	56	50	50	98	98
30	123	125	118	121	109	112	116	116	103	98	92	105	108	96	93	105	112	111	120	117	93	81	74	67	125
31	61	57	59	62	58	74	60	60	68	70	72	89	106	142	[SF]	[SF]	[SF]	[SF]	116	119	133	141	109	85	
AVG.	69	68	64	62	60	59	57	57	57	58	60	65	70	76	80	85	91	93	99	92	87	83	78	75	

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : July

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	60	44	41	48	54	37	46	58	63	72	74	71	72	73	70	79	85	85	83	75	75	68	65	62	85
2	60	58	58	58	61	65	65	68	71	75	72	68	66	76	87	87	84	76	69	70	66	63	61	61	87
3	60	59	56	52	55	59	60	64	65	63	59	61	60	60	68	72	68	68	59	51	46	47	54	53	72
4	51	52	55	53	50	51	53	60	64	67	67	64	60	60	56	56	58	70	75	77	69	69	66	64	77
5	59	52	52	36	17	18	37	57	64	69	70	71	70	71	74	84	91	83	81	78	67	63	70	73	91
6	69	56	30	17	14	16	44	74	82	83	75	66	65	67	75	101	105	89	86	83	99	114	110	101	114
7	96	86	76	64	52	24	44	56	68	71	73	66	65	62	69	98	103	81	71	62	49	39	19	19	103
8	1	2	0	3	1	6	25	52	56	59	65	59	59	69	78	89	96	72	60	65	66	59	55	47	96
9	47	43	31	36	30	16	38	44	44	43	38	36	39	42	46	51	57	48	43	45	39	47	64	61	64
10	56	54	44	41	31	22	44	48	50	51	42	40	46	41	58	81	82	40	32	29	25	22	26	13	82
11	27	26	31	25	17	9	20	35	37	35	32	31	43	49	65	72	71	59	57	51	45	54	51	53	72
12	60	57	43	37	32	38	39	40	51	57	56	57	60	59	59	61	63	59	53	54	55	53	51	51	63
13	50	48	41	24	15	11	38	49	54	58	63	65	68	66	67	69	72	69	[CA]	[CA]	72	66	68	70	
14	65	51	20	5	3	15	38	56	64	69	75	61	60	63	68	68	67	65	81	65	63	61	78	63	81
15	76	75	62	40	9	19	47	67	70	68	74	60	65	63	60	57	55	58	60	91	70	96	90	71	96
16	67	84	60	66	68	57	42	50	40	42	52	61	57	58	50	51	56	57	44	17	32	30	29	10	84
17	15	12	9	9	3	9	24	42	43	59	61	51	49	49	51	54	56	62	90	83	81	76	61	52	90
18	58	55	49	36	40	21	40	53	52	47	39	35	41	46	49	54	62	42	30	28	32	38	32	27	62
19	28	29	15	15	19	13	13	22	27	33	35	41	47	56	61	66	69	58	50	44	[CA]	44	41	39	
20	39	41	41	39	48	48	48	47	43	35	40	41	39	44	51	59	77	93	79	63	55	53	50	53	93
21	55	62	63	60	61	63	62	63	67	70	69	67	67	67	67	66	67	69	68	66	63	65	61	61	70
22	56	60	63	57	54	53	54	57	58	58	60	60	58	54	57	58	61	64	63	61	57	56	55	53	64
23	51	52	51	54	53	49	53	54	61	66	69	68	62	62	62	62	58	70	75	68	59	62	62	59	75
24	60	62	65	65	53	27	50	60	68	70	67	68	70	76	78	80	82	89	84	73	62	65	72	69	89
25	66	64	62	60	38	22	46	63	69	64	61	55	52	49	44	46	58	92	98	101	67	37	42	38	101
26	51	43	18	17	3	6	20	51	64	70	64	54	50	54	[CA]	61	64	65	58	49	43	55	53	26	
27	19	41	5	10	2	5	9	27	41	42	41	43	47	49	54	56	61	78	63	62	55	51	60	48	78
28	10	9	4	2	7	4	9	31	48	57	56	47	46	43	43	50	61	57	53	39	37	64	70	55	70
29	44	32	7	11	27	10	22	61	71	67	64	50	49	46	49	54	54	53	[SF]	[SF]	[SF]	[SF]	[SF]	[SF]	
30	19	10	25	30	23	14	28	46	53	61	62	58	57	53	51	56	65	79	84	79	78	76	76	76	84
31	67	62	62	55	23	22	49	60	59	55	47	45	44	45	47	50	51	51	68	57	77	73	59	57	77
AVG.	50	48	40	36	31	27	39	52	57	59	59	55	56	57	60	66	69	68	66	62	59	59	58	53	

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : July

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	40	39	39	40	41	42	43	42	42	42	42	42	42	42	49	45	41	39	42	49	43	65	64	75	75
2	73	67	72	55	51	52	53	40	37	33	34	36	37	37	37	35	37	36	40	38	45	48	41	40	73
3	43	43	41	44	48	48	45	42	42	44	46	45	43	41	42	46	47	49	48	43	39	37	39	37	49
4	40	49	51	48	46	45	42	41	39	36	33	37	37	40	40	41	43	45	45	47	48	51	55	49	55
5	44	42	45	42	40	40	40	43	44	46	48	51	53	52	47	43	43	42	42	49	64	60	53	47	64
6	71	68	58	59	59	59	94	52	56	59	60	57	54	51	55	55	52	50	48	57	58	64	59	78	94
7	73	71	57	56	54	78	103	65	68	59	62	59	56	54	[SC]	52	47	45	40	44	43	40	38	43	
8	29	40	34	52	60	53	56	53	48	50	57	51	48	41	40	43	40	37	40	40	42	52	47	44	60
9	47	57	55	51	52	52	54	55	44	44	48	44	44	44	47	50	52	52	51	50	57	53	51	41	57
10	38	32	26	26	30	36	37	35	38	46	46	41	41	36	34	33	33	30	27	26	26	24	26	41	46
11	46	44	45	40	39	42	43	43	41	31	34	32	40	40	42	43	45	38	32	28	30	35	41	41	46
12	42	36	38	39	39	38	35	38	33	32	35	38	41	38	40	44	41	42	53	56	51	49	51	51	56
13	58	54	53	51	51	53	50	54	54	54	63	77	[CA]	[CA]	[CA]	56	50	82	72	71	67	67	70	72	
14	72	72	72	71	74	73	68	63	52	56	54	56	59	61	64	60	58	60	54	62	69	86	100	112	112
15	98	109	110	94	97	93	84	77	63	50	51	52	54	54	56	60	77	63	63	83	82	88	91	97	110
16	91	96	89	55	56	52	58	56	48	46	36	32	40	45	48	53	56	53	51	51	51	52	53	53	96
17	53	54	51	52	52	52	47	48	48	46	48	53	50	[CA]	44	44	49	51	49	49	49	49	47	50	
18	53	54	53	53	54	56	52	47	42	45	52	50	44	38	36	40	42	42	35	32	30	29	31	32	56
19	30	31	32	31	32	33	27	30	32	34	35	34	36	36	36	35	35	35	36	35	34	35	42	41	42
20	49	54	55	54	53	47	51	41	36	37	39	40	40	39	43	41	36	31	31	39	32	30	33	38	55
21	44	52	59	49	45	37	40	37	34	35	35	37	37	41	53	45	39	38	44	47	34	51	61	53	61
22	55	57	55	48	48	45	40	37	38	37	39	38	36	35	38	42	51	49	58	60	43	44	61	59	61
23	58	65	67	60	68	50	40	38	38	38	38	41	42	46	54	61	54	55	51	82	88	96	94	84	96
24	76	71	72	71	78	74	72	53	42	42	47	50	51	53	[CA]	[CA]	50	50	61	72	69	76	78	72	
25	79	77	80	78	84	80	56	53	48	44	52	54	57	54	57	78	90	77	93	122	124	122	118	112	124
26	111	122	143	150	157	155	153	136	124	107	53	43	44	54	54	53	63	89	109	63	57	53	48	51	157
27	58	55	50	46	53	58	47	46	42	41	41	41	43	72	60	51	50	44	42	42	44	44	46	47	72
28	43	41	38	37	34	32	37	43	52	45	44	39	39	42	42	39	36	39	37	36	36	40	39	39	52
29	40	40	44	43	42	40	35	34	42	51	67	71	70	81	56	47	48	47	58	66	56	63	46	45	81
30	48	63	67	58	43	43	45	46	48	49	47	46	42	41	42	41	43	43	41	44	41	38	35	41	67
31	38	32	31	33	33	34	37	38	45	39	38	35	33	31	28	26	25	24	26	30	29	30	31	29	45
AVG.	56	58	57	54	55	55	54	49	47	46	46	46	45	46	46	47	47	48	49	52	51	54	55	55	

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

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : July

ELEVATION : 2760 feet

LONGITUDE : 118 degrees 06 minutes 46 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	59	66	60	59	62	59	60	61	63	68	70	75	85	103	127	126	123	110	106	97	93	82	73	72	127
2	73	69	71	68	66	63	66	69	70	72	76	88	92	100	109	108	99	[SC]	78	72	72	73	74	73	
3	73	70	67	62	61	62	63	65	68	71	75	81	85	91	98	107	100	92	87	78	71	69	67	69	107
4	68	63	60	57	40	32	45	56	62	70	74	71	70	80	104	108	109	114	99	100	92	54	46	51	114
5	52	51	41	22	7	12	23	51	67	72	80	92	89	105	95	97	111	114	106	107	96	79	88	81	114
6	80	74	63	50	13	21	34	55	75	80	85	84	111	118	81	112	142	144	129	120	108	99	99	84	144
7	89	78	55	29	15	9	37	59	72	79	85	65	70	100	81	149	153	127	104	95	76	60	67	66	153
8	64	59	62	60	64	54	54	63	69	71	73	80	84	83	105	107	120	128	93	71	67	65	56	58	128
9	55	51	47	45	46	41	44	47	43	43	49	53	67	67	68	80	108	101	81	56	49	38	36	37	108
10	41	36	40	30	14	12	22	33	46	48	43	53	59	75	91	104	65	47	39	27	21	34	34	35	104
11	35	28	31	28	25	19	35	38	37	40	42	41	52	63	69	66	63	55	54	55	50	48	45	57	69
12	62	60	53	51	35	28	37	43	52	58	63	72	78	87	[CA]	[CA]	110	97	91	66	50	42	39	46	
13	30	36	38	24	12	12	26	58	62	65	71	74	72	76	80	83	153	140	124	120	102	68	63	60	153
14	55	71	75	53	29	32	56	73	105	112	111	102	84	80	67	55	53	102	92	99	98	96	110	112	112
15	92	58	59	43	31	17	24	51	69	79	80	79	85	104	149	156	135	125	103	91	92	89	86	89	156
16	93	89	73	77	50	42	46	58	61	49	49	50	56	55	46	48	53	56	44	29	30	19	32	36	93
17	42	39	45	28	10	8	28	54	57	63	68	70	75	108	123	134	136	142	113	99	103	88	68	59	142
18	58	56	49	35	13	11	39	43	39	36	37	39	50	68	66	58	44	36	36	25	15	16	20	24	68
19	22	26	16	11	8	8	19	33	35	40	44	52	55	55	[SC]	62	62	75	67	57	62	51	47	45	
20	42	42	43	48	42	28	35	41	41	41	47	55	60	73	88	93	89	82	80	68	65	63	63	56	93
21	66	64	65	64	53	54	60	62	49	57	69	79	85	101	113	114	105	96	84	73	71	70	69	69	114
22	70	69	65	64	58	57	58	62	65	70	77	85	97	107	114	114	113	116	100	85	77	69	62	58	116
23	57	55	54	62	58	58	58	57	63	69	75	81	81	76	100	133	154	172	158	133	111	108	98	104	172
24	104	91	80	52	20	24	44	50	74	91	91	93	116	144	167	168	173	185	156	125	102	78	72	76	185
25	73	75	67	65	51	38	67	64	59	61	57	58	84	130	150	[SC]	169	180	168	139	107	82	63	70	
26	65	48	59	49	15	20	30	64	69	70	75	75	94	131	122	83	105	84	80	50	37	47	43	23	131
27	36	36	33	23	12	11	28	24	41	49	54	59	75	77	88	108	94	91	77	75	64	47	43	25	108
28	21	23	27	18	9	9	13	42	59	73	72	62	61	73	89	91	57	51	44	42	42	33	19	16	91
29	24	36	30	23	24	12	34	55	75	80	77	72	68	64	68	78	92	78	62	43	18	10	23	30	92
30	43	51	54	51	62	59	78	77	83	80	74	75	98	110	113	106	116	105	113	117	108	89	91	92	117
31	88	86	84	72	30	29	45	67	73	77	76	75	77	71	91	119	133	106	123	110	108	97	83	73	133
AVG.	59	57	54	46	33	30	42	54	61	66	68	71	78	90	99	102	108	105	93	82	73	63	61	60	

OZONE TRANSPORT CORRIDORS STUDY — T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain — LATITUDE : 34 degrees 36 minutes 38 seconds — MONTH : July

ELEVATION : 4482 feet — LONGITUDE : 117 degrees 17 minutes 20 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	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	59	59	108	98	67	76	72	81	72	67	66	69	
3	70	69	66	61	63	61	62	57	59	57	67	65	68	72	81	79	80	86	72	69	56	35	54	56	86
4	58	57	52	52	49	43	39	40	49	57	63	66	66	67	67	66	64	72	86	79	62	58	62	55	86
5	36	51	60	59	60	61	61	56	29	43	69	73	67	68	71	72	76	74	70	67	73	76	88	90	90
6	80	69	70	75	76	76	81	80	75	73	59	53	61	72	84	100	102	102	100	103	97	100	108	94	108
7	69	80	81	75	69	69	70	71	67	71	64	59	61	69	66	61	62	68	76	78	83	69	71	89	89
8	89	89	98	106	98	83	79	64	55	64	70	73	62	64	65	75	84	74	76	65	59	54	58	68	106
9	63	54	53	48	54	52	49	59	33	31	42	49	72	66	66	63	53	67	65	65	50	38	37	22	72
10	21	32	46	47	43	44	42	43	44	25	34	46	46	53	61	71	78	99	78	57	57	33	24	27	99
11	30	24	30	41	44	45	42	44	38	43	54	58	51	55	63	63	60	54	53	42	31	29	33	27	63
12	31	40	51	50	37	49	49	47	49	54	56	62	65	70	69	79	94	106	92	70	56	38	37	31	106
13	36	48	53	52	33	52	55	53	[CA]	45	64	69	68	67	80	85	88	97	106	103	101	102	95	99	
14	94	80	90	88	81	77	80	85	85	84	73	61	63	65	73	76	72	71	63	67	85	84	83	79	94
15	77	71	59	55	53	54	58	63	65	71	59	54	58	61	78	57	68	99	126	116	86	90	95	100	126
16	73	79	81	60	62	56	51	40	52	54	50	52	54	54	60	60	57	56	60	62	55	39	50	58	81
17	57	61	58	55	53	53	45	38	39	41	47	47	51	53	55	59	66	76	80	99	101	72	51	57	101
18	55	65	63	59	59	61	65	51	45	24	18	17	23	52	61	58	64	53	46	37	33	30	29	26	65
19	24	21	21	23	23	23	23	21	23	26	34	43	53	57	64	61	69	66	86	80	66	55	49	49	86
20	46	46	42	46	44	44	45	36	34	48	49	55	61	69	74	78	73	72	70	65	61	60	58	60	78
21	66	63	64	65	59	61	53	55	61	71	68	60	52	65	75	97	112	105	88	80	82	67	59	69	112
22	67	66	64	65	64	61	61	60	58	59	62	65	69	78	78	73	70	69	74	62	81	101	83	72	101
23	76	66	62	71	58	57	56	62	62	53	62	65	58	60	63	69	125	123	108	116	93	124	101	95	125
24	103	97	84	88	85	81	91	91	80	82	86	105	118	110	94	104	110	115	107	148	153	151	138	109	153
25	101	97	84	100	88	86	70	58	59	61	68	77	61	67	75	88	109	103	105	109	115	122	113	108	122
26	91	87	88	86	73	61	53	51	[SC]	48	49	51	53	56	65	76	84	84	92	69	60	55	57	49	
27	44	54	53	48	49	47	45	44	33	35	43	56	54	65	78	81	72	67	58	64	54	46	41	43	81
28	68	93	88	76	76	72	69	64	55	57	55	58	57	62	68	74	78	97	75	53	57	72	73	70	97
29	42	68	67	62	61	59	61	61	59	63	62	55	58	67	66	61	65	64	62	63	58	59	35	37	68
30	51	52	53	60	65	80	83	90	90	86	76	80	75	75	74	67	63	67	97	98	84	100	90	83	100
31	79	77	74	73	74	72	67	68	63	54	71	82	78	69	66	72	73	91	105	112	105	96	87	80	112
AVG.	62	64	64	64	60	60	59	57	54	54	58	61	61	66	72	74	78	82	82	79	74	71	68	66	

OZONE TRANSPORT CORRIDORS STUDY
SITE NAME : Shadow Mountain
ELEVATION : 4120 feet
PARAMETER : Ozone (parts per billion)

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

T & B SYSTEMS, INC.
MONTH : July
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	48	45	45	44	46	47	51	54	58	67	69	64	65	67	69	74	93	96	90	84	84	76	70	67	96
2	66	64	61	60	61	62	63	65	66	66	66	66	66	68	73	74	85	80	75	72	68	67	63	63	85
3	62	61	58	58	56	58	62	64	65	65	65	64	62	62	66	58	62	63	57	63	65	62	60	57	66
4	58	56	53	50	48	47	47	49	56	58	58	57	56	59	59	58	62	77	76	70	67	69	73	66	77
5	54	50	54	57	59	60	61	61	61	64	68	73	72	73	73	76	80	74	91	93	83	76	69	67	93
6	71	75	78	76	74	72	71	69	70	70	65	57	56	56	58	60	69	65	94	106	91	93	98	93	106
7	88	85	75	64	63	66	63	62	64	66	66	62	64	60	60	70	107	118	111	95	81	73	71	71	118
8	64	66	63	60	60	62	67	61	64	67	65	66	76	67	59	66	71	99	99	77	62	59	54	54	99
9	54	52	50	45	43	43	41	34	32	37	39	40	43	47	56	63	69	85	88	63	51	43	36	34	88
10	49	55	50	44	43	43	41	43	47	41	39	40	47	48	62	95	104	76	48	33	26	24	24	24	104
11	24	25	25	27	28	28	28	28	28	28	30	31	38	50	60	64	56	54	47	44	35	39	48	50	64
12	53	55	47	45	43	42	42	41	44	51	56	61	65	71	78	88	102	85	64	57	57	57	55	54	102
13	53	51	50	49	49	50	53	53	54	57	60	[CA]	[CA]	[CA]	[CA]	62	64	65	65	77	74	74	75	76	
14	77	74	76	78	72	75	73	78	77	76	71	66	63	47	49	55	57	64	98	89	85	65	62	70	98
15	79	68	55	56	47	48	53	56	60	71	59	55	57	55	49	62	72	63	59	91	92	78	72	77	92
16	93	80	75	64	58	57	55	40	42	47	44	46	50	53	56	59	57	57	55	54	55	61	57	54	93
17	57	56	54	52	49	44	47	53	55	49	44	44	46	49	53	56	59	57	49	74	67	78	84	81	84
18	72	59	57	54	53	50	42	41	42	39	37	41	43	47	51	51	58	46	33	25	23	24	22	20	72
19	21	21	21	19	19	20	21	25	30	36	41	44	44	42	46	57	55	56	60	57	52	46	41	40	60
20	38	38	37	38	43	43	37	33	36	40	43	40	42	50	65	73	80	73	63	65	63	57	57	60	80
21	65	66	66	62	61	61	61	68	60	61	56	56	60	70	82	97	103	102	83	72	65	65	61	60	103
22	58	59	59	59	63	57	56	56	59	63	59	63	69	66	59	55	52	53	54	54	59	61	56	53	69
23	51	51	50	49	50	51	53	56	57	61	63	65	65	64	64	63	62	72	88	86	76	66	61	60	88
24	58	61	63	73	71	64	61	64	69	74	74	70	70	70	72	79	123	105	81	100	94	74	60	56	123
25	58	64	63	59	59	60	60	54	54	55	51	51	50	50	57	53	59	91	123	150	131	104	75	67	150
26	65	58	62	64	68	58	61	64	67	72	72	[SC]	50	54	60	83	88	93	81	66	56	48	46	45	
27	43	41	40	38	38	37	36	35	40	39	40	43	43	47	52	67	91	93	72	67	57	57	61	78	93
28	84	69	61	59	58	54	53	54	54	49	49	50	49	50	52	59	83	67	49	50	81	77	69	63	84
29	61	67	63	58	57	56	58	60	59	54	49	50	52	52	58	62	58	58	54	56	54	49	46	43	67
30	50	55	47	49	51	53	53	51	50	49	53	53	53	59	61	53	24	70	59	67	78	87	85	85	87
31	83	80	76	71	69	70	65	64	63	55	51	50	53	52	52	53	72	86	85	91	91	81	69	63	91
AVG.	60	58	56	54	54	53	53	53	54	56	55	54	56	57	60	66	73	76	73	73	68	64	61	60	

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : July

ELEVATION : 4250 feet

LONGITUDE : 117 degrees 26 minutes 33 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	15.4	15.8	15.8	15.3	14.7	15.6	16.9	18.2	19.1	20.2	20.8	21.3	22.0	22.7	23.2	22.8	21.7	20.1	18.5	17.1	16.2	15.9	15.7	15.5	23.2	14.7
2	15.0	14.6	14.4	14.7	14.9	16.0	17.3	17.7	18.1	19.3	19.9	20.2	21.1	21.9	22.8	23.0	22.6	21.6	19.8	17.2	15.3	14.7	14.3	13.8	23.0	13.8
3	13.6	13.6	13.4	12.6	12.5	13.4	14.4	15.7	16.9	18.0	18.8	19.0	19.5	19.9	20.5	20.1	19.5	18.7	17.3	16.3	15.1	14.2	13.6	13.4	20.5	12.5
4	14.1	14.3	16.9	17.8	18.3	18.8	21.3	23.2	24.9	26.4	27.9	28.6	29.7	27.2	25.2	24.7	22.5	20.3	19.3	19.3	19.8	19.9	21.6	21.2	29.7	14.1
5	20.6	21.3	21.1	21.4	21.4	22.5	23.8	25.8	27.7	29.2	29.7	30.1	30.8	30.8	30.6	30.2	29.4	28.5	26.2	23.6	22.9	22.2	22.5	22.3	30.8	20.6
6	20.8	21.5	22.7	23.3	23.5	24.0	24.5	25.8	27.7	28.5	28.2	28.6	28.2	28.2	27.6	26.9	26.3	24.7	22.4	21.2	20.4	19.3	19.5	19.1	28.6	19.1
7	19.9	20.0	22.7	22.6	23.2	22.0	23.5	24.8	26.5	27.2	28.1	28.4	28.6	29.1	29.2	29.0	28.4	27.8	26.9	25.3	24.6	24.0	23.8	23.1	29.2	19.9
8	22.8	22.2	21.8	21.7	21.7	21.9	23.7	25.2	25.8	26.9	27.9	28.7	29.7	29.6	29.7	29.5	28.9	27.8	26.2	24.1	22.3	21.4	20.8	20.2	29.7	20.2
9	20.0	20.4	20.7	21.0	21.1	21.9	23.2	24.4	25.5	26.5	27.6	28.5	29.2	30.0	29.9	30.0	29.3	27.7	25.1	23.2	22.4	22.2	21.7	21.2	30.0	20.0
10	20.8	20.8	20.8	19.4	19.9	21.2	22.1	24.6	24.6	25.6	26.2	27.2	27.2	27.8	27.9	28.0	27.8	26.3	24.8	22.5	21.0	21.3	20.9	21.3	28.0	19.4
11	20.9	20.1	19.9	19.2	18.7	18.9	19.5	20.8	22.3	23.7	25.2	26.3	27.0	26.9	27.0	26.7	26.4	25.7	23.8	20.8	18.6	18.0	18.5	17.9	27.0	17.9
12	17.5	17.4	16.5	16.1	15.7	16.5	18.4	20.3	[CA]	[CA]	21.9	23.7	24.3	24.4	24.5	24.3	23.8	23.0	21.5	19.6	18.1	16.5	15.4	15.7		
13	15.5	13.3	13.0	13.0	12.4	13.2	16.7	18.6	20.2	21.9	23.2	24.4	25.6	26.7	26.6	26.0	25.4	24.6	23.1	21.5	21.2	21.1	20.8	21.7	26.7	12.4
14	20.0	20.3	20.5	20.0	20.9	21.8	22.8	24.2	26.1	27.7	28.4	29.0	29.2	29.6	30.1	30.0	29.8	29.0	25.1	22.4	22.2	22.4	22.4	23.8	30.1	20.0
15	24.4	24.4	23.5	23.3	22.8	23.3	25.6	27.8	29.1	29.7	29.8	29.8	30.0	30.1	30.1	29.3	27.5	26.2	23.6	22.2	21.8	21.9	21.3	20.8	30.1	20.8
16	24.8	21.4	19.2	19.1	19.5	19.7	18.9	17.8	16.5	17.6	15.9	21.0	19.8	19.1	20.6	23.4	24.4	24.0	22.9	21.0	20.5	19.9	19.3	19.2	24.8	15.9
17	18.3	18.0	17.9	17.4	17.3	18.2	18.6	21.0	21.9	23.7	25.2	26.4	27.1	27.2	27.2	27.2	26.7	26.2	24.8	23.0	21.4	20.3	19.8	18.4	27.2	17.3
18	18.8	19.3	19.4	19.2	19.2	19.7	21.3	23.1	24.3	25.3	26.4	26.7	26.7	27.1	27.1	27.0	26.6	25.9	24.1	22.2	20.7	19.4	19.2	18.4	27.1	18.4
19	18.0	17.8	16.8	16.7	17.1	18.5	19.7	20.9	22.5	23.5	24.4	25.1	25.6	25.8	26.0	26.0	25.6	25.2	23.8	21.9	20.9	20.0	19.2	19.1	26.0	16.7
20	19.0	18.5	18.0	17.8	17.1	17.4	18.9	20.6	22.1	23.4	24.4	25.3	25.9	25.9	26.0	25.6	25.1	23.9	22.8	21.1	19.8	18.9	18.0	17.9	26.0	17.1
21	17.0	16.6	16.6	16.8	16.5	17.0	18.4	19.6	20.9	21.7	22.6	23.5	24.2	24.6	25.1	24.8	24.5	23.4	21.0	18.3	17.9	17.8	16.7	16.1	25.1	16.1
22	15.9	15.6	15.6	15.7	15.4	15.5	16.4	17.9	19.5	21.0	22.0	23.2	24.2	24.6	24.9	24.2	23.6	22.4	20.3	18.7	18.5	18.0	17.6	17.2	24.9	15.4
23	16.9	16.3	16.8	16.8	16.8	17.5	20.4	22.8	24.7	26.2	27.3	28.2	28.2	28.6	28.6	28.2	27.0	25.8	24.0	22.8	22.0	21.4	21.4	20.9	28.6	16.3
24	20.6	20.3	21.4	20.4	19.5	20.1	22.2	23.9	25.8	27.9	28.1	28.8	29.7	29.6	29.2	29.0	28.3	26.6	24.2	23.0	22.6	22.3	21.9	21.5	29.7	19.5
25	21.2	21.1	21.4	21.0	20.1	20.8	22.5	24.0	25.6	26.9	28.2	29.1	29.6	30.1	30.4	29.8	29.2	28.1	26.0	24.7	23.3	23.1	22.0	22.0	30.4	20.1
26	21.5	22.5	22.9	22.4	22.9	23.7	25.2	26.6	28.6	30.0	30.7	31.9	32.3	32.5	32.1	31.4	31.3	31.0	29.5	27.6	26.6	26.3	26.5	26.9	32.5	21.5
27	26.9	26.4	26.6	26.3	26.2	27.0	29.3	31.3	32.9	33.5	33.9	34.9	35.2	35.3	35.3	34.8	34.4	33.8	30.1	27.7	29.7	31.9	28.4	28.5	35.3	26.2
28	28.4	27.7	26.9	27.2	27.5	28.2	29.7	32.4	33.7	34.6	35.2	36.1	37.0	37.1	37.0	36.2	35.0	32.9	30.9	29.8	29.4	29.6	28.5	28.3	37.1	26.9
29	27.8	27.6	28.3	28.1	28.6	29.0	30.6	32.8	33.9	34.0	35.0	36.0	36.4	37.3	36.3	36.0	35.0	33.1	32.2	30.7	30.6	29.5	28.8	25.5	37.3	25.5
30	22.7	24.8	26.2	26.1	24.7	25.8	26.4	28.1	29.5	29.8	31.5	31.3	31.7	33.1	33.2	32.0	31.4	28.9	26.0	23.5	23.1	23.4	23.7	23.6	33.2	22.7
31	23.3	23.4	23.5	23.6	23.3	24.0	24.6	25.7	28.3	30.3	32.2	32.7	33.3	32.6	31.9	31.4	30.2	28.0	26.1	24.4	24.5	24.0	24.8	24.9	33.3	23.3

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : July

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 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	20.6	19.2	19.3	20.8	20.1	19.0	21.6	23.1	24.8	26.9	28.5	30.0	31.2	32.2	32.6	32.2	31.0	29.4	27.3	25.1	23.4	22.4	22.1	21.7	32.6	19.0
2	21.5	20.9	20.5	20.3	20.1	20.5	21.8	23.8	26.3	28.6	30.2	31.1	31.8	32.2	31.8	31.0	30.0	28.7	27.0	24.8	23.3	22.6	22.2	21.7	32.2	20.1
3	21.6	21.2	20.9	20.5	20.2	20.6	22.2	24.7	27.2	29.4	31.2	32.2	33.0	33.7	33.3	32.2	30.9	30.1	28.8	26.7	25.6	24.9	23.7	23.0	33.7	20.2
4	22.8	22.1	21.4	20.8	20.5	21.3	22.7	24.5	26.6	29.1	31.4	33.6	34.7	35.7	36.5	36.7	36.6	35.1	32.5	29.2	26.8	25.4	24.2	23.6	36.7	20.5
5	23.5	23.2	22.3	19.5	16.0	17.5	22.2	25.4	28.1	30.4	32.7	34.7	35.8	37.1	38.1	38.0	37.2	36.1	34.3	31.7	29.6	28.0	27.2	26.5	38.1	16.0
6	25.1	23.8	21.3	19.7	18.5	20.2	24.7	26.9	29.0	31.7	33.9	35.3	36.5	37.2	37.4	36.6	35.7	34.4	32.4	29.8	27.5	25.8	24.7	24.6	37.4	18.5
7	24.0	23.8	23.4	22.8	21.1	20.1	23.4	25.8	29.0	30.9	33.0	35.3	36.2	36.9	37.6	37.3	35.9	34.8	33.4	31.0	28.7	26.9	25.6	24.7	37.6	20.1
8	22.0	21.0	20.0	19.2	19.0	21.1	23.3	27.3	29.6	32.0	33.9	35.2	36.7	37.7	37.4	37.1	36.4	34.8	32.8	30.7	28.8	27.5	26.4	24.9	37.7	19.0
9	24.0	23.1	21.7	22.0	21.4	20.4	24.2	27.2	29.5	31.6	33.3	34.3	34.9	35.6	36.0	35.6	35.0	34.1	32.6	30.3	28.3	27.0	25.0	23.8	36.0	20.4
10	23.0	22.5	21.4	20.6	19.2	19.5	23.0	24.9	27.3	29.5	31.5	33.3	34.3	35.2	35.3	34.5	33.7	32.8	31.4	29.3	27.3	24.8	23.0	22.0	35.3	19.2
11	21.4	20.6	19.5	18.5	17.6	17.7	21.4	24.5	27.5	30.0	31.6	32.7	33.2	33.4	33.2	32.8	32.0	30.9	29.3	27.1	24.7	23.0	22.0	21.1	33.4	17.6
12	20.0	18.7	17.3	16.1	14.4	16.0	17.1	19.4	22.9	24.6	26.7	28.1	29.5	30.1	30.1	29.6	28.7	27.1	24.5	21.1	19.2	18.3	17.7	17.0	30.1	14.4
13	16.5	15.9	14.1	12.7	11.2	12.1	16.8	19.1	20.6	23.0	26.0	28.9	30.3	31.3	32.3	32.9	33.2	32.8	32.0	28.1	25.1	23.0	21.3	20.9	33.2	11.2
14	20.0	17.7	15.4	13.8	13.2	14.5	19.5	22.7	25.4	28.3	31.8	34.2	35.0	35.4	36.4	36.8	36.7	36.4	34.3	31.7	29.4	26.8	26.1	24.9	36.8	13.2
15	25.3	24.7	22.6	20.4	18.1	19.0	24.4	28.0	30.0	32.5	34.9	36.4	37.0	37.2	37.9	37.2	34.7	33.2	33.1	31.7	29.6	28.0	26.6	27.5	37.9	18.1
16	27.6	27.2	24.0	24.9	25.0	25.3	27.5	26.3	26.4	26.9	27.3	26.8	26.0	25.5	25.3	26.8	28.6	28.9	27.2	25.4	23.8	22.5	22.1	20.4	28.9	20.4
17	19.8	18.7	17.5	15.7	15.1	16.4	21.2	24.9	25.6	27.8	29.7	31.8	33.0	33.3	33.7	33.7	34.0	33.4	31.0	28.7	27.0	25.6	24.2	23.0	34.0	15.1
18	22.2	22.1	21.2	19.3	19.0	18.6	22.4	25.3	27.3	29.0	30.8	32.1	33.1	34.2	34.3	34.1	32.8	31.5	29.9	28.0	26.3	24.4	22.4	21.4	34.3	18.6
19	21.9	21.3	19.3	19.4	20.3	19.8	22.1	24.8	26.5	28.3	30.0	31.6	33.0	33.8	33.7	33.6	32.9	31.8	30.2	27.4	25.3	23.6	23.0	22.4	33.8	19.3
20	22.5	21.6	20.6	19.7	19.8	20.3	21.5	23.7	26.4	28.9	30.6	31.8	32.7	33.2	33.6	33.7	33.2	31.9	29.7	27.2	25.1	24.2	23.8	23.0	33.7	19.7
21	22.2	21.9	21.3	20.5	20.3	21.0	22.4	24.1	26.2	28.1	29.7	31.1	32.4	33.0	33.3	32.9	32.3	31.0	29.1	26.8	25.0	23.6	22.7	22.6	33.3	20.3
22	22.0	21.6	21.4	21.0	20.4	20.3	21.3	23.4	26.0	28.4	30.4	31.5	32.5	33.5	33.8	33.5	32.5	30.5	28.3	26.1	24.8	23.5	22.8	22.7	33.8	20.3
23	22.3	21.9	21.0	20.4	19.6	19.9	21.7	23.8	25.9	28.3	30.5	32.8	34.4	35.8	36.7	37.3	37.2	36.5	33.2	29.5	27.0	25.3	24.3	23.3	37.3	19.6
24	22.0	21.3	20.5	20.4	19.6	18.2	21.7	23.5	25.9	28.6	30.9	33.3	35.1	36.6	37.8	38.4	37.7	35.8	33.2	30.3	28.1	26.5	25.4	24.0	38.4	18.2
25	22.9	21.8	21.3	20.8	17.6	16.5	21.7	24.6	26.7	29.0	32.2	34.6	36.7	38.3	39.1	39.5	39.3	37.8	34.9	31.1	29.2	26.3	25.4	24.5	39.5	16.5
26	24.8	23.4	19.9	19.1	16.0	16.3	21.5	26.6	28.9	31.5	34.3	36.5	38.2	39.3	39.9	39.7	39.0	37.8	36.1	33.5	30.4	29.3	29.4	27.2	39.9	16.0
27	26.6	26.7	22.3	21.2	20.7	21.5	26.4	32.1	34.3	35.3	37.0	38.5	39.9	40.6	41.3	41.3	40.6	39.1	37.0	34.0	31.7	30.7	29.9	28.1	41.3	20.7
28	25.2	24.0	22.1	21.0	20.1	21.0	25.6	29.3	32.2	35.3	38.0	40.2	41.2	42.0	42.4	42.0	40.9	40.1	38.1	35.0	32.2	30.9	30.8	29.0	42.4	20.1
29	26.7	25.3	23.5	22.9	23.7	22.4	26.7	30.3	33.3	35.6	38.4	40.1	40.9	41.7	42.1	42.3	39.7	36.1	37.7	32.8	30.7	29.0	27.0	26.4	42.3	22.4
30	25.8	24.4	24.2	23.3	21.7	21.0	24.5	27.8	30.9	34.5	36.9	39.1	40.7	41.3	41.5	41.2	40.5	38.5	35.9	33.0	30.4	28.9	28.1	28.1	41.5	21.0
31	26.8	25.6	25.6	24.0	21.9	22.6	25.7	28.2	31.0	34.1	36.5	37.7	39.2	40.0	40.4	40.7	40.9	40.1	37.6	34.6	31.9	30.3	29.9	29.7	40.9	21.9

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : July

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	11.7	11.6	11.6	11.6	11.6	11.8	12.3	12.8	13.7	15.3	15.8	16.1	16.5	16.1	15.6	14.9	14.4	13.7	13.2	15.0	13.3	15.5	14.7	15.8	16.5	11.6
2	15.7	16.0	15.2	16.3	17.7	17.0	15.6	13.8	14.5	14.9	14.9	16.5	17.5	18.8	20.0	20.5	19.6	18.3	19.4	13.5	15.6	14.3	12.3	12.2	20.5	12.2
3	12.0	12.0	11.8	12.0	11.6	11.3	11.6	13.5	14.7	15.2	15.5	16.0	15.5	15.9	15.4	13.8	13.2	12.9	12.6	12.4	12.4	12.4	12.4	12.4	16.0	11.3
4	12.7	12.9	12.9	13.0	13.2	13.4	13.5	13.4	13.7	13.7	14.2	15.3	15.4	17.2	16.0	14.6	14.4	14.2	14.0	13.8	13.5	13.4	13.6	13.8	17.2	12.7
5	13.3	13.3	13.4	13.4	13.5	13.7	14.2	15.0	16.5	18.2	19.1	20.8	21.0	20.5	18.7	17.8	16.0	14.4	13.9	14.3	14.6	14.5	14.4	14.0	21.0	13.3
6	14.1	13.8	13.6	13.5	13.5	13.9	17.3	17.0	16.9	17.0	15.8	17.5	17.6	18.4	20.1	19.5	18.7	18.6	16.4	16.1	17.4	16.3	14.6	16.4	20.1	13.5
7	17.1	17.5	16.9	18.5	19.2	20.2	22.6	20.4	21.2	20.0	19.8	21.8	21.1	25.1	26.5	27.2	26.9	26.9	26.4	24.9	24.7	24.3	24.1	23.8	27.2	16.9
8	22.9	22.8	22.7	21.0	21.2	22.2	23.7	25.4	25.9	25.9	25.5	23.6	23.7	24.4	26.2	26.8	27.5	25.1	24.2	22.8	22.3	21.7	22.4	21.9	27.5	21.0
9	21.2	21.3	20.9	21.9	22.4	22.8	22.6	22.6	22.5	24.8	25.6	25.8	25.6	25.4	25.8	24.8	24.7	25.0	24.9	24.5	24.3	24.5	24.2	22.7	25.8	20.9
10	21.9	21.8	20.5	20.5	21.4	22.6	23.1	22.8	24.0	25.5	26.5	26.9	26.6	25.9	23.8	23.7	22.4	22.8	23.2	22.8	20.9	20.6	22.3	21.1	26.9	20.5
11	21.5	20.9	21.2	20.4	19.9	20.7	22.1	23.4	23.3	20.7	22.2	21.0	22.4	22.3	20.8	19.4	18.3	16.7	14.9	13.9	15.0	19.2	18.1	17.4	23.4	13.9
12	17.5	17.1	17.8	18.4	18.2	17.3	17.8	20.4	20.2	19.6	19.6	20.0	20.7	20.8	22.0	21.6	19.6	19.0	18.7	18.7	19.0	18.8	18.5	17.5	22.0	17.1
13	18.4	18.6	16.9	16.3	17.6	17.0	18.6	20.3	21.9	22.7	23.6	22.5	[CA]	[CA]	[CA]	21.9	21.0	20.9	20.0	19.8	20.6	20.7	20.4	20.4		
14	20.3	20.0	19.1	17.6	18.4	18.9	20.4	21.5	21.9	22.7	22.9	23.7	24.0	24.3	23.7	23.7	25.1	25.5	23.1	20.8	20.3	21.6	21.2	22.5	25.5	17.6
15	22.2	22.0	21.9	21.7	21.7	20.9	21.9	23.3	22.3	23.3	21.8	23.2	25.5	24.0	24.2	23.3	23.2	23.8	23.6	21.8	21.5	20.1	20.0	19.5	25.5	19.5
16	19.7	19.2	22.1	16.4	16.8	15.9	16.5	19.1	18.3	19.8	22.2	21.7	24.1	25.5	24.7	24.3	23.1	24.2	23.7	20.6	21.1	21.1	21.0	21.1	25.5	15.9
17	19.1	18.9	18.4	18.4	19.5	20.0	18.4	20.3	21.8	20.1	23.6	22.6	21.6	[CA]	21.2	20.7	20.6	20.4	19.4	18.8	19.3	19.6	20.0	20.4		
18	20.6	20.3	19.4	19.5	19.6	20.3	21.7	23.0	23.6	25.0	24.4	24.2	24.0	24.2	22.5	20.0	19.5	19.2	18.1	16.9	16.1	16.3	14.2	12.7	25.0	12.7
19	12.6	12.4	12.2	12.1	11.9	14.5	16.9	16.1	17.2	17.7	18.4	19.0	19.1	19.2	19.5	18.7	18.0	16.4	14.5	13.4	13.3	13.1	14.8	13.7	19.5	11.9
20	17.0	21.1	21.4	20.8	19.0	17.8	20.0	22.7	22.5	22.8	22.1	22.3	22.3	22.5	22.2	21.5	21.1	21.1	20.4	19.4	18.5	20.4	21.3	21.9	22.8	17.0
21	21.6	20.2	20.0	19.8	19.0	18.4	20.1	20.5	19.2	18.9	19.9	21.4	21.8	21.0	20.3	20.4	17.8	16.8	17.0	15.0	13.5	15.9	16.7	16.0	21.8	13.5
22	16.0	16.7	15.8	14.8	14.5	14.4	14.8	16.2	16.9	17.7	19.0	20.1	19.5	19.2	18.8	19.4	19.3	18.2	17.8	16.3	16.6	16.8	18.4	18.0	20.1	14.4
23	17.5	17.3	16.7	16.2	17.6	15.4	15.6	18.1	18.9	19.7	20.3	21.6	21.0	20.7	21.3	21.5	20.0	18.4	17.6	20.5	20.6	21.2	20.5	19.7	21.6	15.4
24	18.8	18.0	18.5	17.6	18.1	18.1	19.1	20.6	20.2	20.8	22.0	22.1	21.8	22.3	[CA]	[CA]	20.8	21.6	20.3	20.5	20.1	20.4	20.7	19.6		
25	19.0	18.2	18.1	18.3	18.6	18.5	18.3	19.5	19.2	19.4	20.2	21.4	22.1	22.7	22.4	23.7	23.7	22.5	22.6	21.3	20.5	19.7	19.7	19.9	23.7	18.1
26	19.2	19.5	19.8	19.8	20.3	20.3	21.4	22.1	23.2	24.9	25.2	28.3	27.4	28.0	28.5	28.9	27.6	26.5	25.6	26.4	27.0	27.1	27.8	27.3	28.9	19.2
27	26.8	27.0	27.7	28.6	27.4	27.1	28.8	30.3	32.0	32.6	33.4	33.8	31.1	29.8	28.9	29.5	29.5	30.5	29.3	29.5	28.7	28.8	28.2	28.5	33.8	26.8
28	29.3	29.1	29.9	29.1	28.7	29.0	29.8	30.9	31.4	31.9	28.9	28.2	31.3	31.1	30.8	31.6	31.0	29.7	30.8	31.2	30.5	29.9	29.7	30.8	31.9	28.2
29	31.0	31.8	31.5	29.0	27.1	24.9	23.9	25.6	28.6	31.7	35.6	35.3	32.8	32.2	31.3	29.9	29.4	27.6	24.6	23.3	22.8	24.2	21.5	21.2	35.6	21.2
30	21.0	22.0	22.2	20.5	21.5	22.2	23.9	26.2	27.2	27.0	25.8	25.1	25.9	26.3	25.7	25.0	24.0	22.5	21.2	18.6	16.7	17.8	19.4	18.4	27.2	16.7
31	19.5	19.8	20.4	22.7	21.9	21.0	20.9	22.3	23.4	24.3	23.7	24.5	25.4	26.9	27.2	26.2	25.5	22.7	23.2	24.8	24.8	24.4	23.7	24.3	27.2	19.5

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : July

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	20.5	19.3	19.3	19.4	19.4	19.5	19.5	20.5	22.9	24.9	26.3	28.1	29.0	30.2	30.8	30.8	30.1	28.9	26.8	24.7	23.0	21.8	20.7	20.1	30.8	19.3
2	19.8	19.6	19.2	18.8	18.3	18.3	18.6	20.1	22.4	25.2	27.5	29.5	30.7	31.0	30.8	30.4	29.3	27.7	25.8	24.0	22.5	21.6	20.8	20.3	31.0	18.3
3	19.9	19.9	19.3	19.0	18.8	18.6	19.6	21.9	23.9	25.8	27.8	29.6	30.7	31.4	31.7	31.1	30.0	28.9	27.0	25.4	23.9	22.1	21.3	20.8	31.7	18.6
4	20.3	20.0	19.6	19.1	18.9	19.0	19.2	21.1	23.1	25.6	28.7	31.9	33.7	34.0	34.3	35.3	34.8	34.7	33.6	30.0	27.9	25.8	23.7	22.9	35.3	18.9
5	22.2	21.8	21.6	21.2	21.1	21.5	22.0	23.0	25.3	29.0	31.7	33.8	35.1	36.0	36.8	36.7	36.6	35.3	33.0	31.4	29.7	28.5	27.5	27.2	36.8	21.1
6	26.2	24.9	24.5	24.1	24.5	24.4	24.4	25.2	27.3	30.2	32.3	33.5	35.3	35.5	35.3	35.2	34.3	32.4	30.0	28.3	27.1	25.0	24.6	23.8	35.5	23.8
7	23.2	22.5	22.2	21.5	20.9	20.9	21.1	22.3	24.9	28.6	31.0	33.0	34.3	35.9	36.2	36.6	35.6	34.6	32.7	30.3	29.0	28.4	28.0	27.4	36.6	20.9
8	26.2	26.0	25.7	25.2	24.7	24.5	25.6	26.6	27.5	29.9	31.7	33.7	34.6	36.0	36.5	36.6	36.4	35.1	32.4	30.0	28.5	27.7	26.7	26.1	36.6	24.5
9	25.3	24.8	24.7	24.5	23.7	23.1	23.5	24.6	27.3	29.7	32.0	33.6	34.7	34.7	36.0	36.0	35.5	34.1	31.9	29.7	28.2	26.6	25.4	24.4	36.0	23.1
10	23.2	22.5	22.1	21.5	20.4	20.2	21.3	23.1	25.2	27.5	28.6	30.2	31.4	32.5	33.7	34.0	34.3	32.3	30.4	28.5	27.2	26.0	25.2	24.3	34.3	20.2
11	23.5	22.5	21.4	21.1	21.0	21.0	22.4	23.5	25.6	27.4	29.5	31.5	32.5	33.3	33.8	33.3	32.2	30.9	28.9	27.2	25.8	24.2	22.0	20.5	33.8	20.5
12	19.9	19.6	18.2	17.1	16.3	15.3	15.4	17.0	19.7	22.4	24.8	26.5	28.0	29.4	30.2	30.1	29.0	26.9	24.8	22.4	20.0	18.1	16.9	16.1	30.2	15.3
13	15.2	14.5	14.2	13.6	13.4	13.1	13.5	15.1	17.5	20.2	23.2	25.6	28.0	30.0	30.5	30.6	30.7	30.9	29.5	28.6	27.6	24.0	22.0	21.1	30.9	13.1
14	20.9	19.5	19.1	19.8	18.8	19.3	20.5	21.9	24.0	27.1	31.5	33.0	34.3	34.9	34.8	35.7	35.4	34.5	33.6	32.0	29.8	28.0	27.2	26.6	35.7	18.8
15	25.1	24.4	23.5	23.6	23.5	23.6	23.8	24.8	27.2	29.8	33.5	35.6	36.2	35.9	35.6	34.5	35.1	34.4	31.7	30.2	29.8	27.9	26.9	26.9	36.2	23.5
16	26.4	25.3	25.2	24.8	24.4	24.3	25.1	24.5	24.3	23.6	24.1	24.1	24.7	25.9	27.9	29.3	28.4	28.1	26.5	24.8	24.9	25.1	24.1	23.5	29.3	23.5
17	22.4	22.3	22.4	22.4	21.7	21.5	21.5	23.3	25.6	27.9	29.7	30.7	31.0	32.8	32.9	32.9	32.3	31.5	29.7	27.9	26.7	25.3	24.5	23.8	32.9	21.5
18	23.4	22.7	22.3	22.0	21.0	21.0	22.0	23.4	25.5	27.6	29.4	30.8	32.0	32.6	32.7	32.5	32.2	31.4	29.7	27.3	25.9	24.7	23.8	22.8	32.7	21.0
19	21.4	20.8	20.0	19.8	19.9	20.0	20.8	22.4	24.5	26.2	28.3	29.8	31.3	32.3	32.8	32.8	32.0	30.6	28.7	26.7	25.5	24.2	23.0	22.3	32.8	19.8
20	21.7	21.1	20.8	20.8	20.4	20.0	20.5	21.8	23.5	26.0	28.4	30.5	30.9	31.7	32.2	32.4	31.5	30.6	29.1	26.6	25.2	24.1	23.0	21.9	32.4	20.0
21	21.3	20.6	20.0	19.2	18.8	18.8	19.4	21.0	23.3	25.3	27.4	28.8	29.9	31.0	31.3	31.1	30.6	29.5	27.6	25.8	24.2	22.9	21.7	20.9	31.3	18.8
22	20.2	19.4	19.0	18.5	18.4	18.1	18.6	20.8	23.3	25.6	27.3	29.0	30.6	31.9	32.2	32.5	32.1	30.7	28.4	25.8	24.0	22.5	21.8	20.8	32.5	18.1
23	20.2	19.9	19.7	19.0	19.1	18.9	18.5	19.9	22.5	25.6	28.3	31.2	32.7	34.3	35.2	35.4	35.6	35.6	34.6	30.9	28.2	26.4	24.7	24.0	35.6	18.5
24	22.9	22.6	21.7	20.7	20.5	20.5	21.0	22.2	24.2	27.1	30.0	31.7	33.8	35.7	37.1	37.5	38.0	37.0	34.1	30.3	28.0	26.7	25.4	25.2	38.0	20.5
25	24.0	22.5	21.5	21.0	20.7	20.8	21.2	22.6	25.1	27.8	30.8	32.7	34.7	36.5	37.5	38.4	37.8	37.3	35.0	31.3	29.8	28.2	26.9	26.4	38.4	20.7
26	25.9	25.5	24.7	24.7	25.2	24.9	25.8	27.1	28.7	31.5	33.5	35.7	37.1	37.8	38.6	38.6	38.3	36.3	34.4	32.9	31.4	30.0	29.4	28.9	38.6	24.7
27	28.7	28.5	28.2	28.0	28.1	28.5	29.7	30.9	32.3	34.4	36.3	37.8	38.9	39.2	39.8	40.1	39.5	38.7	36.5	34.1	32.4	31.2	30.6	29.7	40.1	28.0
28	29.4	28.9	28.4	27.4	27.5	26.9	26.9	28.4	30.7	33.9	36.7	38.7	40.4	40.5	41.8	41.3	40.9	39.6	37.9	35.4	33.5	32.5	31.0	29.6	41.8	26.9
29	29.1	28.8	28.0	27.8	28.3	28.4	28.5	29.4	31.4	34.1	36.8	39.1	39.8	40.2	40.7	39.4	38.3	35.1	34.5	34.2	34.3	32.0	31.6	30.3	40.7	27.8
30	29.5	29.0	28.4	27.9	28.0	26.6	26.8	29.3	31.7	33.5	35.4	37.5	39.2	39.8	37.8	37.5	36.4	35.4	34.6	33.5	31.3	29.5	28.1	27.5	39.8	26.6
31	27.0	26.3	25.4	25.1	25.7	26.3	26.6	27.3	29.1	31.4	34.5	36.5	37.5	38.6	38.9	39.3	38.8	37.8	36.8	34.3	32.3	30.1	29.2	28.6	39.3	25.1

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : July

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	25.4	25.1	22.8	24.0	23.6	24.0	25.4	27.4	29.0	30.2	31.7	33.0	34.0	35.1	35.8	37.0	36.7	36.6	34.9	32.5	30.5	29.1	27.9	26.9	37.0	22.8
2	26.0	25.2	24.6	23.8	23.5	24.3	25.9	27.4	29.3	31.2	32.5	33.6	34.9	35.8	36.5	36.7	36.5	35.2	33.6	31.4	29.8	28.6	27.8	26.9	36.7	23.5
3	26.4	25.9	25.9	25.0	24.6	25.3	27.4	28.9	30.3	31.7	33.0	34.2	35.3	36.1	36.9	37.3	36.8	35.4	33.5	31.4	29.9	28.8	28.5	27.9	37.3	24.6
4	27.4	27.1	26.3	26.2	25.7	25.8	27.9	29.1	31.1	33.1	34.6	36.0	37.0	37.8	38.4	38.9	39.0	38.8	38.0	35.7	32.7	33.2	32.3	31.6	39.0	25.7
5	30.4	29.9	29.3	28.3	27.5	27.5	28.5	30.5	33.0	35.6	37.3	38.3	39.4	40.0	40.5	40.8	40.7	40.1	38.2	36.2	35.0	34.4	33.2	31.5	40.8	27.5
6	30.7	29.6	28.4	27.8	27.2	27.9	30.2	33.1	34.6	35.7	37.0	38.5	39.6	39.9	39.9	39.6	39.5	38.8	37.5	35.6	34.2	33.1	31.0	29.3	39.9	27.2
7	28.3	29.0	27.8	27.4	26.9	27.2	28.4	30.0	32.5	34.6	37.2	38.6	39.7	40.7	41.1	41.5	41.5	41.1	40.3	38.7	36.8	35.0	34.0	33.5	41.5	26.9
8	32.5	31.7	31.2	30.7	30.4	30.5	31.7	32.7	34.6	36.5	38.3	39.8	40.8	41.7	42.3	42.4	42.2	41.4	40.5	38.4	36.0	34.5	33.9	33.0	42.4	30.4
9	31.7	30.8	30.2	29.2	28.8	28.7	29.7	31.0	33.3	35.6	36.5	37.1	37.4	37.9	38.7	40.7	40.6	39.9	39.1	37.7	35.8	34.0	32.9	32.0	40.7	28.7
10	30.7	30.0	29.3	28.7	28.8	28.6	28.6	29.8	31.3	32.8	33.4	35.2	36.7	36.4	36.5	37.9	37.4	33.8	33.7	33.0	33.5	33.2	32.7	32.2	37.9	28.6
11	31.3	29.9	28.8	27.5	26.6	26.9	28.0	30.2	32.1	33.5	34.9	36.6	38.4	38.7	40.0	40.0	39.9	38.9	36.9	34.8	33.3	31.9	30.2	28.7	40.0	26.6
12	27.8	26.5	25.3	24.3	23.3	24.0	26.0	27.1	28.6	30.2	32.4	33.9	35.7	36.5	37.4	37.6	37.4	36.0	34.2	31.2	28.9	27.4	26.1	24.6	37.6	23.3
13	24.0	22.7	21.6	20.8	19.9	20.0	21.4	23.2	25.7	27.9	30.2	31.7	33.0	34.1	35.2	35.6	35.8	35.8	35.0	32.6	29.9	28.5	28.0	28.2	35.8	19.9
14	27.9	27.2	26.7	25.3	24.5	24.8	26.4	27.7	30.4	35.3	37.7	36.5	37.2	37.9	38.5	38.7	38.9	38.5	37.6	36.0	35.2	33.7	31.4	31.4	38.9	24.5
15	31.8	30.7	29.9	29.6	28.8	29.1	29.7	31.3	33.7	35.8	37.2	38.5	39.2	39.9	40.3	40.6	40.2	38.3	37.4	36.2	34.0	33.9	33.3	32.4	40.6	28.8
16	31.9	30.6	29.6	28.6	28.5	28.6	27.1	29.8	29.9	30.3	30.1	29.0	29.5	31.4	31.6	32.8	33.0	33.0	32.4	31.5	30.8	30.6	29.9	29.3	33.0	27.1
17	28.6	28.1	27.7	27.0	26.6	27.1	28.1	29.7	31.5	32.7	34.0	35.3	35.8	36.4	37.1	37.1	37.7	37.2	36.3	34.6	33.0	32.4	30.9	29.9	37.7	26.6
18	29.1	28.5	27.2	27.7	27.7	27.7	28.3	30.7	31.8	33.2	34.4	35.6	36.7	37.0	36.8	38.2	38.0	37.3	35.3	33.8	32.5	32.2	31.1	29.5	38.2	27.2
19	28.3	27.4	26.5	26.0	25.2	25.0	25.7	28.0	30.4	32.0	33.4	34.9	36.1	37.3	38.4	37.8	37.7	36.7	35.6	33.8	32.1	31.2	30.2	29.7	38.4	25.0
20	27.5	26.3	25.4	25.0	24.4	24.3	25.9	28.2	30.2	31.9	33.5	35.1	35.7	36.6	37.3	37.8	37.9	37.5	36.1	33.8	32.0	30.4	29.5	28.9	37.9	24.3
21	27.7	26.1	24.1	23.7	24.3	24.9	26.0	28.2	30.5	31.5	33.2	34.5	35.5	36.5	37.4	37.8	37.8	37.0	35.2	32.9	30.9	29.8	28.6	28.3	37.8	23.7
22	27.7	26.6	25.4	24.9	24.9	25.6	26.8	28.5	29.6	31.4	33.0	34.3	35.5	36.7	37.7	38.5	38.7	38.1	36.1	33.7	32.0	30.4	28.7	27.3	38.7	24.9
23	26.7	26.5	25.6	24.8	23.8	23.8	25.1	27.2	29.4	31.4	33.3	35.3	37.1	38.0	39.5	39.8	40.1	39.5	38.5	36.8	35.3	34.6	33.0	31.4	40.1	23.8
24	30.7	29.3	28.3	27.6	26.8	26.5	27.4	29.1	31.7	34.4	36.6	38.2	39.5	40.4	40.7	41.3	41.3	41.0	39.9	38.5	36.7	35.5	33.2	32.2	41.3	26.5
25	30.3	29.3	29.0	28.0	26.9	26.8	27.8	29.5	32.4	34.9	37.4	39.1	40.2	41.2	41.7	42.1	42.0	41.7	40.6	39.1	36.6	34.6	34.0	33.3	42.1	26.8
26	31.5	30.2	30.1	29.3	28.8	29.1	30.2	31.9	34.3	36.5	38.3	40.0	41.4	42.2	43.2	43.5	43.5	43.2	41.4	39.7	38.0	36.7	35.5	34.3	43.5	28.8
27	33.6	33.0	32.2	31.1	31.5	31.8	33.4	34.9	36.6	38.7	40.6	41.7	42.8	44.0	44.3	44.8	44.9	44.2	42.9	40.3	39.0	38.5	37.6	37.3	44.9	31.1
28	35.5	35.8	34.5	33.0	32.0	31.9	32.9	34.6	37.4	40.6	42.5	43.7	44.2	44.6	44.8	45.0	44.9	44.6	43.5	41.2	40.8	38.8	38.4	36.6	45.0	31.9
29	36.0	35.6	34.5	33.8	32.7	32.8	34.5	36.3	38.1	40.3	42.2	43.4	44.4	44.9	45.6	45.7	44.8	43.2	41.2	39.1	38.1	37.2	35.5	34.2	45.7	32.7
30	33.7	33.1	31.8	32.8	32.7	33.2	34.5	35.5	37.9	40.4	41.9	43.2	42.9	41.3	43.5	43.3	43.2	42.4	40.7	39.4	37.6	36.9	35.8	34.6	43.5	31.8
31	33.9	33.3	32.2	31.4	30.7	30.1	31.7	33.4	35.6	36.3	38.3	39.6	41.0	41.5	42.3	42.8	42.8	42.5	41.5	39.2	38.6	36.7	36.2	35.3	42.8	30.1

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : July

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	20.7	19.5	19.4	19.2	18.5	19.3	20.5	21.8	23.9	25.6	27.2	28.1	28.3	28.2	27.8	26.7	26.0	24.7	23.1	22.8	21.9	22.9	23.2	22.9	28.3	18.5
2	22.2	20.9	19.5	19.8	20.0	20.4	22.4	24.8	25.3	25.7	26.3	26.5	27.4	27.3	27.0	26.4	25.7	24.8	23.5	22.4	22.0	23.3	22.8	22.4	27.4	19.5
3	22.4	22.1	21.5	20.5	19.5	20.2	21.1	22.6	24.4	25.4	26.6	27.1	27.4	27.1	27.1	26.7	26.5	25.7	24.4	23.8	23.5	23.6	22.7	21.7	27.4	19.5
4	20.9	20.3	19.8	19.9	18.2	18.8	22.6	25.7	26.7	28.4	30.1	31.9	33.5	34.0	32.7	31.2	29.8	28.0	27.9	25.3	23.7	22.4	21.5	22.1	34.0	18.2
5	22.6	20.6	19.7	18.8	18.5	19.7	24.2	26.2	28.7	30.4	31.9	33.7	35.4	35.5	35.6	35.2	34.0	32.7	31.3	29.7	28.3	26.7	25.0	24.6	35.6	18.5
6	23.7	24.7	24.1	22.3	20.3	22.3	25.2	27.2	29.2	31.1	32.7	34.2	33.8	33.9	34.8	33.4	31.7	29.9	28.1	26.5	25.6	24.6	23.3	22.9	34.8	20.3
7	21.9	22.1	20.7	18.9	18.7	19.0	24.5	26.7	28.3	29.7	32.0	34.1	34.3	34.4	35.2	33.3	32.0	31.5	30.7	29.0	28.3	26.9	25.1	25.2	35.2	18.7
8	25.3	25.1	24.3	23.8	25.5	25.1	26.1	26.0	30.6	32.3	33.1	33.9	34.6	35.0	34.7	34.2	33.0	31.1	29.8	28.6	27.0	25.9	25.4	24.2	35.0	23.8
9	24.3	23.7	23.0	21.6	22.3	23.2	25.8	29.0	30.2	31.0	31.5	32.7	32.9	32.9	32.9	32.6	32.0	30.9	29.3	27.6	27.1	25.7	24.5	24.0	32.9	21.6
10	23.0	21.4	21.2	21.1	19.8	19.4	21.9	25.6	28.8	30.9	31.1	31.8	32.3	32.3	32.0	31.4	30.8	29.7	28.5	26.8	25.0	24.0	22.1	21.5	32.3	19.4
11	22.4	21.8	22.1	23.2	23.1	23.9	25.7	26.9	28.2	29.0	29.6	30.1	30.5	30.7	30.3	29.6	28.9	27.9	26.7	24.7	23.5	22.2	21.5	21.7	30.7	21.5
12	21.3	20.6	17.9	18.8	15.9	14.8	17.4	19.8	22.2	24.8	27.1	27.9	28.5	28.7	28.4	28.3	27.3	25.9	24.3	22.3	20.6	18.9	17.4	15.3	28.7	14.8
13	14.7	14.0	13.5	13.1	12.9	14.7	18.8	20.4	21.5	23.0	24.5	26.2	28.2	29.5	30.5	31.3	30.1	28.9	27.0	25.0	23.7	22.0	21.0	19.7	31.3	12.9
14	18.8	19.1	18.9	17.7	16.7	17.4	21.9	24.1	26.2	28.0	29.8	31.2	33.1	34.2	34.8	35.1	34.8	32.5	30.5	28.6	27.5	25.8	25.8	24.4	35.1	16.7
15	23.9	23.5	24.4	23.8	22.5	22.1	25.7	29.7	30.9	32.6	34.0	34.8	35.6	35.2	34.2	32.6	32.7	31.4	30.0	28.9	28.1	27.6	26.9	26.1	35.6	22.1
16	25.5	24.7	25.4	23.6	25.8	25.8	26.1	25.6	24.8	24.5	22.8	22.6	24.3	25.9	24.5	25.1	26.3	26.8	26.0	23.6	22.3	21.4	21.0	20.6	26.8	20.6
17	19.9	19.7	20.6	19.3	18.5	18.9	21.3	24.3	25.8	27.5	29.1	30.5	31.4	31.8	31.9	31.2	30.3	29.0	28.0	26.8	25.8	25.1	23.4	22.6	31.9	18.5
18	23.4	23.9	21.8	20.7	20.7	21.2	24.9	26.3	28.1	29.2	30.4	30.9	31.3	31.2	31.1	30.6	29.7	28.5	27.2	25.2	23.1	22.0	21.3	20.6	31.3	20.6
19	21.4	22.7	18.7	19.1	18.4	18.6	23.5	26.2	28.1	29.6	30.6	31.0	31.3	31.4	31.3	31.1	30.3	28.9	27.2	26.3	24.9	24.0	22.7	22.2	31.4	18.4
20	21.8	22.2	21.8	21.7	21.8	21.3	24.8	26.6	27.7	28.5	29.3	30.0	30.4	30.5	30.3	30.2	29.5	28.1	26.3	24.5	24.3	23.5	23.3	22.0	30.5	21.3
21	23.6	23.0	22.5	22.1	20.6	21.4	23.0	24.4	26.0	27.1	27.8	28.2	28.8	29.3	29.4	29.1	28.5	27.4	26.0	25.2	24.9	24.3	24.1	23.6	29.4	20.6
22	23.2	22.4	21.0	20.5	19.8	19.6	20.7	22.4	24.5	26.1	27.0	28.2	29.2	30.0	30.1	29.7	29.1	27.9	26.4	24.4	23.4	22.9	22.8	22.6	30.1	19.6
23	22.1	21.7	20.3	20.6	20.0	21.0	23.1	25.1	26.7	28.7	30.0	31.8	33.3	34.4	34.7	34.0	32.5	30.5	28.6	27.2	25.7	24.5	24.4	23.6	34.7	20.0
24	23.1	22.2	21.5	20.2	19.5	20.4	23.3	24.9	26.8	28.7	32.1	32.9	33.5	34.3	34.6	33.8	32.8	30.8	28.5	28.1	27.0	25.4	23.2	21.9	34.6	19.5
25	21.3	22.4	23.4	21.7	21.2	21.2	23.5	26.9	29.4	32.6	34.7	35.9	36.0	35.6	35.5	34.9	33.7	32.0	30.5	29.2	28.4	27.5	26.9	27.0	36.0	21.2
26	25.1	22.4	23.0	21.9	20.5	21.6	25.4	29.0	31.7	33.7	35.6	36.6	37.1	37.2	37.2	37.1	36.2	35.0	33.0	30.7	29.3	28.0	27.5	27.5	37.2	20.5
27	28.0	27.4	27.4	27.0	26.3	26.1	31.6	31.8	33.7	36.0	37.5	38.3	38.9	39.1	38.9	38.2	36.7	35.1	33.2	32.0	30.8	29.7	28.2	24.8	39.1	24.8
28	24.1	23.8	24.3	23.6	23.8	23.9	27.1	29.8	32.2	34.4	36.8	38.8	39.5	38.2	37.2	38.3	37.5	36.9	35.3	33.3	31.6	29.7	27.7	25.4	39.5	23.6
29	25.0	25.2	24.1	23.8	24.3	23.8	28.5	32.4	33.6	35.5	37.7	39.3	40.7	41.0	40.9	40.6	39.7	38.5	37.0	33.3	30.3	28.1	28.3	27.2	41.0	23.8
30	27.4	27.5	26.0	25.4	25.5	25.6	28.6	30.9	32.6	36.2	37.7	37.9	37.3	37.4	36.6	36.3	35.4	34.2	31.8	29.8	28.0	27.1	27.4	28.3	37.9	25.4
31	27.4	27.1	26.8	27.0	25.2	24.5	25.9	29.6	31.9	34.0	35.3	36.4	37.4	38.5	38.2	37.7	36.0	34.6	31.2	29.9	28.4	28.8	28.4	28.0	38.5	24.5

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : July

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	17.9	17.2	16.9	16.6	16.5	16.3	16.8	18.3	20.0	21.2	22.3	23.3	23.5	24.0	24.2	24.2	23.2	22.3	20.3	19.3	18.8	18.5	18.6	18.5	24.2	16.3
2	18.2	17.8	17.4	17.3	17.2	17.3	17.9	18.8	21.1	23.4	26.1	25.4	26.5	27.1	25.1	25.5	26.4	25.3	22.7	20.7	19.8	19.2	18.8	17.8	27.1	17.2
3	17.8	17.8	17.1	17.3	16.5	16.7	17.4	19.1	20.8	22.3	23.9	24.6	25.6	26.0	26.3	25.6	24.8	23.2	22.4	20.7	20.0	20.1	19.6	18.7	26.3	16.5
4	18.4	18.2	18.4	18.2	18.0	18.3	19.3	21.1	22.5	25.2	26.9	28.5	30.2	30.6	31.2	30.4	31.3	30.1	28.2	24.9	23.4	21.1	19.9	19.7	31.3	18.0
5	20.6	21.3	21.4	21.7	21.9	21.9	23.1	23.9	26.2	27.8	29.1	30.8	30.8	31.2	31.4	31.5	30.6	29.6	28.8	27.5	26.4	25.7	25.3	24.9	31.5	20.6
6	24.9	24.4	24.6	24.5	25.0	25.3	24.6	24.7	26.0	27.6	28.9	29.2	28.7	28.8	28.7	27.9	27.3	26.5	24.8	22.9	22.5	21.6	21.8	22.0	29.2	21.6
7	22.9	22.2	21.7	20.6	21.0	21.8	22.2	22.9	25.2	26.3	28.1	28.9	29.1	29.4	30.5	30.7	30.0	29.3	28.3	27.1	26.7	26.1	25.7	25.7	30.7	20.6
8	25.4	25.0	24.5	23.8	22.3	23.4	24.1	25.3	26.0	27.4	28.7	29.2	30.0	30.7	30.5	30.7	29.7	28.3	26.6	26.0	25.2	24.2	23.1	23.3	30.7	22.3
9	22.8	22.4	22.1	22.3	22.7	23.9	24.6	24.6	26.2	27.8	29.2	30.2	30.3	30.7	30.9	30.6	30.1	28.8	27.5	26.3	25.2	23.7	22.8	23.0	30.9	22.1
10	22.9	21.2	20.3	20.8	21.3	22.0	22.0	22.7	23.8	27.0	27.0	27.2	27.6	28.4	29.0	28.7	28.9	28.8	26.5	25.1	24.0	23.2	22.9	22.5	29.0	20.3
11	22.3	21.9	22.2	22.0	21.2	22.2	22.7	22.6	24.0	25.3	26.4	27.2	27.4	27.4	27.0	27.2	26.2	25.6	24.1	23.1	21.8	20.5	19.5	20.7	27.4	19.5
12	20.0	18.2	16.2	16.4	16.9	14.7	14.9	16.3	18.1	20.9	22.6	23.9	24.6	24.7	25.4	25.4	25.3	24.6	21.9	19.4	17.1	15.6	13.7	13.0	25.4	13.0
13	12.6	12.4	12.4	12.6	12.3	13.3	14.3	16.1	17.6	18.6	20.3	22.7	24.9	25.6	27.0	27.5	27.8	27.2	25.3	23.6	22.0	20.3	20.4	20.6	27.8	12.3
14	20.4	21.2	22.0	22.1	21.9	22.6	23.0	22.9	24.7	26.9	28.1	28.5	29.4	29.9	30.5	30.4	30.6	30.1	28.6	26.9	25.7	24.3	24.0	23.5	30.6	20.4
15	23.1	23.4	23.7	23.6	23.6	24.5	24.6	25.9	27.7	29.6	29.5	30.8	30.9	31.0	30.4	29.7	30.0	28.4	26.6	25.0	23.8	23.7	24.3	24.0	31.0	23.1
16	25.1	25.3	22.7	21.3	21.0	21.0	20.9	18.7	19.6	19.1	19.6	20.0	20.7	21.7	21.6	23.6	23.0	23.3	23.0	22.5	22.2	21.4	21.1	20.7	25.3	18.7
17	20.5	19.6	18.9	19.0	18.7	18.5	19.7	21.3	22.9	24.4	25.5	26.6	27.4	27.7	27.4	27.2	26.8	26.3	25.2	23.5	22.4	22.6	22.6	22.1	27.7	18.5
18	21.6	21.6	20.6	21.0	20.7	21.0	21.2	22.5	24.1	24.7	25.7	26.3	26.5	27.2	27.1	26.7	26.5	25.8	24.0	22.3	21.2	21.1	21.4	20.9	27.2	20.6
19	20.3	20.1	19.2	19.7	19.8	19.6	19.3	20.1	22.1	23.4	24.1	24.9	25.3	25.7	26.1	26.2	26.0	25.3	24.1	22.3	21.2	20.9	20.6	20.6	26.2	19.2
20	19.7	20.0	19.5	20.0	18.7	18.5	18.9	19.8	21.6	24.0	26.4	25.9	27.5	27.0	26.5	26.0	25.7	24.6	23.0	21.9	21.7	21.6	20.8	20.1	27.5	18.5
21	19.7	19.1	18.6	18.4	18.3	18.4	18.0	19.6	21.2	22.8	24.3	26.0	27.5	27.8	27.8	28.0	27.4	24.8	23.7	22.3	21.0	20.1	19.5	18.8	28.0	18.0
22	18.7	18.2	17.9	17.5	17.3	17.0	17.8	18.8	21.1	22.9	24.5	25.9	27.5	28.4	28.4	28.8	28.1	26.9	24.8	22.6	21.0	20.3	19.7	19.0	28.8	17.0
23	19.2	18.7	19.2	18.9	19.0	18.6	18.8	20.1	22.6	23.8	26.3	28.6	29.6	31.6	31.8	32.5	31.6	29.8	27.9	26.3	24.6	22.9	22.1	22.4	32.5	18.6
24	21.9	21.6	21.8	21.9	21.4	21.3	21.6	24.2	25.1	27.2	28.3	30.1	31.9	33.7	32.9	32.8	31.6	29.7	27.9	26.1	24.5	24.6	25.0	24.8	33.7	21.3
25	23.8	22.8	22.5	22.6	22.8	23.0	23.3	25.5	26.1	27.6	29.6	31.3	32.7	33.1	32.9	33.2	31.8	30.0	27.9	26.7	27.0	25.6	25.4	24.6	33.2	22.5
26	25.0	24.2	24.2	24.1	24.4	24.7	25.6	26.6	27.8	30.7	32.2	32.6	33.0	33.2	32.9	32.3	32.0	31.1	29.7	28.9	28.3	27.6	27.2	27.9	33.2	24.1
27	27.2	27.0	26.8	26.7	26.5	27.1	27.9	29.3	31.0	33.1	33.6	35.0	35.5	35.7	35.6	35.4	34.8	34.0	33.1	30.8	29.6	29.7	29.6	28.3	35.7	26.5
28	28.1	27.8	28.4	28.8	28.9	29.1	30.6	31.1	32.6	34.2	34.0	35.4	37.0	37.3	36.9	36.6	36.5	35.5	33.6	31.7	30.6	29.2	28.6	28.3	37.3	27.8
29	28.4	28.6	29.0	28.8	28.1	28.6	30.0	31.7	32.3	33.2	35.5	36.5	37.3	37.5	36.1	35.8	33.8	32.0	31.5	31.5	31.9	30.6	29.7	29.5	37.5	28.1
30	29.3	29.9	29.0	29.1	28.4	28.6	28.2	28.0	30.2	32.3	34.0	34.8	35.9	35.3	34.0	31.4	32.6	32.9	30.2	28.9	28.1	26.2	26.9	26.7	35.9	26.2
31	26.7	26.9	27.3	27.3	27.1	27.0	26.3	27.6	28.5	30.2	31.7	32.5	32.9	34.3	35.5	33.9	33.9	32.6	30.5	29.4	27.9	27.4	27.7	27.6	35.5	26.3

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 : July

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	19.7	20.3	19.5	19.1	19.0	18.8	19.0	19.4	20.8	22.2	23.6	24.8	26.1	26.6	27.0	27.0	25.8	24.2	22.5	20.8	19.5	18.7	18.2	17.9	27.0	17.9
2	17.5	17.4	17.2	17.1	17.1	17.5	18.5	19.9	21.7	23.3	24.4	25.1	26.0	26.3	26.6	25.9	24.8	23.8	22.4	20.7	19.7	19.2	18.6	18.2	26.6	17.1
3	17.8	18.0	17.6	17.3	16.8	16.7	18.0	19.4	20.9	22.6	23.9	25.2	26.1	26.3	26.5	26.0	25.4	24.8	23.6	21.8	20.3	19.4	19.1	18.6	26.5	16.7
4	18.2	18.1	18.3	18.3	18.2	18.5	19.1	20.7	23.3	26.3	27.9	29.3	30.2	31.0	32.2	32.5	32.2	30.0	27.2	24.4	22.5	21.0	20.4	20.3	32.5	18.1
5	20.8	21.1	21.0	21.4	22.0	22.4	21.5	22.7	25.1	27.6	30.4	31.0	32.3	32.8	33.5	33.8	33.7	32.6	30.2	28.3	26.3	25.9	25.7	25.0	33.8	20.8
6	24.3	23.8	23.7	23.9	24.0	22.8	23.2	25.8	28.0	29.1	29.7	30.8	31.3	31.3	31.6	31.1	30.8	30.0	28.4	26.0	24.9	24.0	22.5	22.4	31.6	22.4
7	22.2	21.6	21.0	20.8	21.3	21.6	21.1	22.6	26.0	27.8	29.2	31.0	32.1	32.4	33.1	32.9	31.9	30.3	28.7	26.8	25.8	25.8	25.9	25.6	33.1	20.8
8	26.0	25.1	25.3	24.8	24.7	25.1	26.2	26.1	27.5	29.6	31.1	32.4	33.0	33.1	33.1	32.7	32.0	30.3	28.6	26.8	25.6	24.9	24.6	24.5	33.1	24.5
9	23.6	23.4	23.3	23.4	23.9	23.3	23.6	25.2	26.3	27.4	28.5	29.5	30.6	30.9	31.2	30.6	29.9	29.0	27.6	26.0	24.7	23.7	22.9	22.6	31.2	22.6
10	21.6	20.5	20.3	19.2	19.3	19.1	20.8	22.1	24.2	25.5	26.8	28.5	29.3	30.5	30.2	29.5	28.5	27.8	26.9	25.4	24.8	24.5	23.9	23.3	30.5	19.1
11	22.7	22.2	21.7	21.7	21.4	21.5	22.0	23.0	24.5	26.3	27.3	28.0	28.5	29.0	29.0	28.4	27.8	26.9	25.8	23.9	23.4	20.8	18.6	17.7	29.0	17.7
12	17.6	16.4	14.9	14.2	13.6	13.2	13.6	14.5	16.4	19.0	21.4	23.6	25.2	25.9	25.9	25.3	24.7	22.6	20.8	18.2	16.0	14.8	14.2	13.6	25.9	13.2
13	13.0	12.7	12.6	12.3	12.4	13.0	14.5	17.7	18.1	20.3	22.3	[CA]	[CA]	[CA]	[CA]	28.2	28.3	28.1	27.5	24.4	21.0	20.1	20.3	20.8		
14	21.3	21.7	22.2	21.5	21.8	22.2	23.8	24.4	25.8	27.3	28.4	29.0	30.0	30.6	30.9	31.3	31.6	31.9	29.7	27.7	25.8	25.8	24.8	23.3	31.9	21.3
15	23.9	24.3	24.4	24.4	24.5	24.8	25.1	26.4	29.0	30.3	30.6	31.6	32.3	32.0	32.4	31.9	27.3	28.0	28.5	27.2	25.7	24.6	24.2	23.7	32.4	23.7
16	23.7	25.0	25.2	23.6	23.2	22.2	21.5	20.1	21.1	21.1	21.5	21.7	22.0	22.5	23.9	24.5	24.9	24.4	24.5	23.3	22.2	22.3	22.1	21.7	25.2	20.1
17	22.3	22.4	21.6	21.2	21.1	20.7	20.2	21.3	22.9	24.6	26.0	27.3	29.1	29.9	30.1	29.6	28.8	28.1	26.9	25.4	24.5	23.6	22.0	21.6	30.1	20.2
18	21.6	21.7	21.4	21.5	21.1	21.3	21.6	22.3	23.8	25.8	27.1	27.3	28.4	29.2	28.9	28.8	28.4	27.5	26.1	24.1	22.5	21.9	21.5	21.2	29.2	21.1
19	20.7	20.5	20.0	19.1	19.2	19.7	20.9	22.7	25.0	25.5	27.8	28.1	28.3	29.1	29.7	28.8	28.3	27.5	25.9	24.1	23.2	22.6	22.4	21.9	29.7	19.1
20	22.0	21.1	20.6	20.2	20.2	20.1	20.6	21.3	22.4	24.0	25.5	26.8	27.8	28.0	27.9	27.6	27.5	26.8	25.3	23.5	22.0	21.3	20.9	20.1	28.0	20.1
21	19.8	19.1	18.7	18.4	18.1	17.8	18.4	20.1	21.6	23.1	24.4	25.6	26.3	26.7	26.8	26.7	26.2	25.1	24.0	22.7	21.5	20.6	19.9	19.0	26.8	17.8
22	18.9	18.3	17.7	17.2	17.3	17.0	17.6	19.0	20.9	22.5	24.2	25.4	26.4	27.4	28.1	27.7	27.0	25.8	24.1	22.0	21.0	20.0	19.3	19.2	28.1	17.0
23	18.7	18.3	18.5	18.2	18.4	18.5	19.3	20.5	21.9	24.5	27.0	29.3	30.5	31.6	32.2	33.1	32.9	32.0	28.4	25.5	23.9	22.7	22.1	22.1	33.1	18.2
24	21.1	20.9	21.1	21.7	20.9	20.0	20.1	22.6	24.1	26.3	28.4	31.2	32.3	33.4	34.2	34.1	33.1	31.3	29.0	26.1	24.2	23.5	22.8	22.3	34.2	20.0
25	22.5	22.2	22.0	22.7	23.2	22.6	22.3	24.7	28.0	29.7	31.0	31.8	32.9	33.8	34.8	35.3	35.1	33.6	31.0	28.1	26.5	25.6	25.7	26.3	35.3	22.0
26	26.2	25.1	24.7	24.9	24.6	26.8	27.3	27.5	29.9	30.9	32.7	33.7	34.2	34.9	35.3	35.4	34.5	33.5	32.0	30.0	29.0	28.8	28.2	28.3	35.4	24.6
27	28.3	28.0	27.7	28.0	28.0	27.8	29.2	30.8	32.3	33.3	33.9	34.8	35.7	36.7	36.8	36.3	35.5	34.1	32.5	31.0	30.3	30.0	29.0	28.1	36.8	27.7
28	28.0	28.4	27.9	29.5	30.2	30.7	31.3	32.5	33.5	35.2	35.8	36.4	36.9	37.5	38.0	37.3	36.7	35.4	34.0	32.5	30.4	29.3	29.0	28.8	38.0	27.9
29	28.4	28.6	29.3	29.4	29.5	30.2	30.3	30.7	32.6	34.5	35.5	36.5	37.1	37.3	37.0	33.8	33.1	33.7	31.9	33.3	32.2	30.8	30.6	30.3	37.3	28.4
30	30.4	29.9	29.8	29.5	29.7	29.5	29.4	31.2	32.5	33.3	33.9	35.1	35.8	36.4	34.3	33.5	33.8	34.0	32.4	29.8	28.2	27.6	27.4	27.2	36.4	27.2
31	27.0	26.5	26.2	26.5	27.0	26.7	26.4	26.3	27.7	30.9	32.3	34.6	35.0	35.2	35.9	35.9	34.7	34.2	32.2	29.8	28.0	27.3	27.3	27.4	35.9	26.2

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : July

ELEVATION : 4250 feet

LONGITUDE : 117 degrees 26 minutes 33 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	6.7	6.5	6.4	6.7	6.4	6.6	6.8	7.4	8.0	7.3	6.8	8.0	8.5	8.1	7.9	8.8	8.8	8.7	7.8	7.3	6.9	6.1	6.0	5.4
2	5.5	5.7	5.7	4.8	4.9	5.3	5.5	6.6	7.3	7.5	7.9	8.8	8.8	8.6	8.6	8.2	7.6	7.8	6.9	7.4	7.4	6.6	6.3	6.7
3	6.3	6.8	6.3	7.0	6.8	6.7	6.8	7.2	7.2	7.4	7.8	8.8	9.1	9.8	9.4	9.1	8.3	8.1	7.3	7.0	6.5	7.2	7.3	6.4
4	5.4	5.0	2.6	1.5	1.0	1.5	2.1	3.4	3.4	3.2	3.1	2.7	2.4	5.4	7.2	6.9	7.9	8.6	7.6	5.8	4.7	3.8	2.6	2.1
5	1.6	2.0	1.5	1.6	1.8	1.3	1.2	1.3	2.0	3.7	5.2	6.3	6.6	6.5	6.0	6.2	7.2	6.6	6.6	6.7	6.6	6.8	6.0	4.9
6	1.3	3.0	3.1	2.7	2.8	1.2	2.2	1.8	2.8	5.7	6.7	7.4	7.8	7.0	7.3	7.7	7.0	6.9	6.4	6.4	6.2	6.1	6.2	6.0
7	5.1	4.6	2.3	2.8	1.8	1.6	1.5	1.9	5.0	6.1	6.5	7.1	7.0	7.1	7.0	8.0	7.9	6.6	5.6	6.6	6.4	6.2	6.2	6.3
8	6.4	6.2	6.6	7.0	6.2	5.8	5.9	5.4	6.0	5.6	6.4	6.4	6.4	6.8	6.6	7.3	7.4	8.4	7.7	8.0	5.5	6.2	5.9	7.1
9	7.0	6.1	5.4	5.6	4.9	4.3	4.1	4.5	4.1	3.6	4.2	5.4	6.3	6.1	6.1	6.1	6.2	6.5	5.7	6.7	6.8	6.3	5.6	5.3
10	5.6	4.0	3.5	3.0	3.9	4.3	5.6	2.2	3.3	5.6	7.0	6.6	6.9	7.4	7.7	7.7	6.4	5.9	5.5	5.4	3.6	4.2	3.8	4.9
11	4.4	4.1	5.1	5.4	6.3	6.3	6.4	6.4	6.7	5.8	6.1	6.8	8.3	9.6	9.3	8.7	8.7	7.0	5.5	5.6	6.1	6.7	7.3	7.3
12	6.8	5.8	5.5	5.9	6.6	4.9	2.1	3.2	[CA]	[CA]	5.8	7.8	7.7	8.3	8.5	8.1	7.8	6.2	4.8	4.1	1.7	2.6	3.2	3.2
13	3.1	3.8	4.5	3.6	2.2	0.9	2.4	2.3	2.3	2.3	2.2	2.0	2.8	4.1	5.0	5.6	6.1	5.9	5.9	5.3	4.8	4.0	3.7	2.5
14	2.0	1.6	1.3	0.6	2.0	2.0	1.3	1.5	1.8	2.9	5.1	6.2	6.1	5.7	5.7	5.9	5.5	5.2	5.8	7.0	6.4	6.0	4.7	2.8
15	2.2	1.8	2.1	1.5	1.9	1.8	0.9	0.9	1.2	2.4	3.7	4.9	6.2	6.4	7.0	6.3	6.5	6.2	6.2	6.6	6.8	6.4	6.3	5.4
16	6.6	6.2	7.2	7.6	7.5	8.4	9.6	7.8	6.1	5.3	5.6	2.1	2.1	3.3	1.8	1.3	1.7	3.0	2.6	3.2	3.6	3.9	4.3	4.3
17	4.3	4.6	4.4	4.1	4.3	4.7	3.3	3.5	4.0	3.7	4.7	5.2	5.6	5.7	5.2	5.8	5.4	4.7	3.6	3.1	4.1	5.0	4.7	4.6
18	4.8	4.5	5.0	4.3	4.7	4.4	3.8	3.4	3.7	4.0	5.9	7.3	7.7	7.5	7.3	6.6	6.1	5.2	3.9	3.7	4.4	4.1	4.8	4.8
19	3.6	3.6	2.8	3.5	3.2	3.8	3.8	3.8	6.0	6.5	6.9	7.5	8.2	8.4	8.4	8.0	7.2	6.9	5.1	5.8	5.2	5.9	6.2	6.2
20	6.4	6.6	6.1	6.3	6.2	6.2	5.8	5.5	5.1	4.9	5.6	6.4	7.2	8.6	9.3	9.2	8.6	7.8	6.9	5.9	5.7	5.3	5.0	4.7
21	4.6	4.7	4.7	5.4	5.6	5.8	5.6	6.2	6.1	6.1	6.7	7.0	7.3	7.8	7.6	7.2	6.8	6.7	5.7	5.4	5.3	5.3	6.1	6.4
22	6.1	5.9	6.2	6.0	6.2	6.9	6.7	6.7	6.8	6.6	6.1	6.1	6.6	7.0	6.7	7.5	6.8	7.0	6.7	6.2	6.8	5.9	6.0	6.7
23	6.4	6.1	5.3	4.8	4.7	3.9	2.2	1.6	1.7	1.6	2.4	4.0	5.1	6.1	6.5	6.9	7.4	7.4	7.2	6.1	5.9	5.5	5.3	5.3
24	4.9	4.4	4.4	4.6	4.8	4.0	3.1	3.2	2.2	2.1	4.2	6.6	6.6	7.7	8.2	8.0	7.5	8.0	7.3	6.5	7.0	6.4	6.4	6.9
25	6.8	6.8	6.8	6.1	3.4	5.5	4.5	4.7	4.6	5.3	6.3	7.5	7.7	7.9	7.3	7.9	7.7	8.0	7.3	6.5	6.8	7.1	5.9	6.0
26	6.1	6.2	6.1	5.6	6.4	6.1	5.7	6.1	6.4	6.3	6.4	6.1	7.1	7.6	6.9	7.7	6.8	5.8	4.1	4.0	5.1	5.2	4.7	4.5
27	4.6	4.5	4.5	4.4	4.0	3.7	2.4	1.2	1.7	2.6	4.8	6.0	6.7	7.1	6.8	7.2	6.6	4.7	4.5	5.3	4.0	1.4	1.5	1.2
28	1.0	1.1	1.3	0.9	1.8	0.7	0.6	0.8	1.9	2.4	3.1	3.1	5.2	4.4	5.5	6.1	4.9	4.7	4.4	4.2	3.8	5.0	1.9	1.9
29	1.6	2.5	1.2	1.2	0.9	1.4	1.0	1.1	1.3	3.7	2.8	2.5	2.7	4.1	5.5	4.8	3.7	2.7	0.7	0.8	2.0	3.5	4.0	4.5
30	6.1	5.4	4.9	4.8	5.9	5.8	5.7	5.3	5.2	5.6	5.7	6.2	7.0	6.3	6.8	4.9	4.5	6.7	6.8	7.5	6.4	6.0	5.8	5.4
31	5.1	5.2	5.3	5.7	5.9	5.3	4.9	4.8	2.9	1.9	2.2	2.9	3.8	5.0	6.4	5.3	5.9	7.1	7.2	6.9	5.9	5.7	5.4	4.7
AVG.	4.8	4.7	4.5	4.4	4.4	4.2	4.0	3.9	4.2	4.6	5.3	5.9	6.4	6.8	7.0	6.9	6.7	6.5	5.8	5.7	5.4	5.4	5.1	5.0

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : July

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	2.7	1.2	1.8	3.9	2.9	1.5	1.9	3.6	3.3	2.7	2.5	2.6	2.6	3.5	3.7	4.8	6.6	7.5	6.6	6.5	6.0	5.6	5.5	5.4
2	5.7	5.4	5.0	5.2	4.6	4.5	4.3	3.7	3.3	3.4	3.9	4.2	4.3	6.0	7.9	8.0	8.4	8.0	7.6	6.7	6.1	6.2	6.5	6.3
3	6.4	6.1	6.1	6.4	5.7	5.8	5.9	5.5	5.2	3.8	4.4	4.4	6.2	6.6	7.5	7.8	7.4	6.9	6.1	5.0	5.2	5.4	5.4	4.8
4	4.8	4.6	4.5	4.0	3.2	3.2	3.3	2.3	2.4	1.6	1.3	1.7	1.8	1.8	1.8	2.7	2.4	5.3	5.5	4.1	3.7	4.4	4.5	4.2
5	4.1	2.7	1.8	0.9	1.4	0.9	1.2	1.5	1.3	1.2	1.4	1.9	3.2	4.0	3.8	4.8	5.7	5.7	5.2	3.8	3.1	2.9	3.6	3.0
6	2.0	1.7	0.6	1.4	1.2	0.5	1.2	2.6	2.0	1.0	1.4	2.9	1.9	3.9	4.2	5.3	5.5	5.3	4.8	3.5	3.4	4.1	3.5	3.9
7	2.8	2.5	2.7	3.0	1.1	0.7	1.5	1.7	1.2	1.5	1.4	1.6	3.7	3.3	3.3	4.6	4.9	4.6	4.1	2.5	1.7	1.0	0.8	1.0
8	0.6	0.7	1.3	1.0	1.1	1.0	1.0	2.5	2.7	2.7	2.4	2.6	2.6	3.1	4.5	5.2	5.7	5.7	5.0	3.8	3.3	2.9	3.3	2.2
9	1.9	1.3	1.2	2.4	1.6	1.0	1.8	3.0	3.5	3.8	4.0	4.3	4.4	4.8	5.3	5.7	6.0	5.6	5.0	5.2	2.9	2.8	2.0	2.3
10	2.2	2.9	2.3	1.9	0.6	1.1	2.5	1.9	2.2	3.0	3.1	3.6	3.8	4.5	4.7	5.6	6.4	5.9	5.6	4.7	4.5	3.1	2.6	1.3
11	0.8	1.5	1.2	0.9	0.8	1.0	0.5	0.7	2.6	5.3	5.5	6.1	6.2	6.8	7.1	7.1	6.6	6.5	5.8	4.2	3.3	3.4	3.6	3.1
12	3.4	4.0	3.2	1.9	0.4	2.2	2.7	2.7	4.3	5.1	4.3	5.3	5.0	5.6	6.7	7.3	8.2	7.5	6.5	5.4	4.2	3.6	4.0	3.3
13	3.9	2.0	1.7	1.1	0.8	0.7	0.7	1.9	2.2	1.4	1.5	2.5	2.0	2.3	1.8	1.7	1.4	2.1	1.4	2.6	3.0	3.0	3.1	2.5
14	1.2	0.8	0.7	1.0	0.6	0.8	0.7	1.1	1.3	1.3	1.5	2.1	2.2	2.2	2.1	1.9	1.9	2.0	4.1	3.1	2.1	1.8	2.6	1.7
15	2.7	1.5	1.0	0.8	1.3	1.2	0.8	1.1	1.2	1.2	1.3	2.1	2.2	2.2	2.4	3.7	4.8	3.1	2.1	2.7	2.7	4.8	4.8	4.2
16	3.8	3.3	2.8	3.4	3.9	3.4	4.0	7.1	7.0	3.5	4.8	4.2	3.7	3.4	2.9	3.0	2.6	2.1	1.4	0.7	1.1	0.7	0.9	0.9
17	1.1	0.5	0.7	0.7	0.5	0.3	0.6	1.2	1.9	2.0	1.5	1.7	2.6	4.0	2.8	1.3	2.4	3.5	4.6	3.4	3.4	3.6	1.7	1.3
18	1.5	1.6	1.4	1.0	1.6	0.7	1.2	2.9	3.2	2.7	2.4	3.0	2.8	4.3	4.4	5.4	6.2	5.8	4.9	3.2	2.3	2.0	2.2	1.6
19	2.9	2.5	0.7	0.9	1.4	1.5	1.7	1.4	1.7	2.4	2.5	3.1	3.6	5.0	5.6	5.4	5.7	5.3	5.0	3.6	4.4	3.8	3.9	3.9
20	4.4	3.6	3.1	1.5	2.6	2.8	2.7	3.0	2.6	3.7	4.0	3.7	4.3	4.4	4.7	4.7	5.3	5.9	5.9	5.1	4.8	4.9	4.8	4.6
21	4.4	4.5	4.2	4.4	4.9	4.7	4.9	4.8	4.3	4.2	4.4	4.5	5.5	6.9	7.3	7.2	6.7	7.0	6.5	4.9	5.8	5.7	5.0	5.3
22	4.6	4.8	4.7	5.5	6.2	6.0	6.3	5.9	5.4	5.5	5.5	5.5	5.7	5.8	5.8	6.2	6.3	6.2	5.5	4.9	5.7	5.4	5.4	5.2
23	5.2	5.2	4.1	3.7	3.4	2.5	2.9	2.7	2.0	1.6	1.4	1.5	1.9	1.6	1.7	1.9	2.8	3.1	4.6	3.9	3.9	4.3	4.3	3.9
24	3.2	3.1	2.3	2.3	1.4	0.9	1.0	1.9	1.3	1.9	2.6	2.4	3.0	2.9	3.2	3.8	4.5	5.4	5.0	4.5	3.8	3.7	4.4	3.5
25	3.9	3.1	1.9	1.9	1.1	1.3	1.1	1.1	1.8	2.3	2.2	2.3	2.2	1.8	2.1	2.3	3.5	4.3	5.1	5.1	3.7	2.3	1.7	1.2
26	1.7	1.3	0.8	1.8	0.8	0.7	0.4	0.5	1.7	1.7	2.1	2.2	3.1	3.4	3.4	5.2	5.4	5.1	4.3	2.8	2.3	2.1	2.1	1.5
27	1.9	1.9	1.3	1.7	1.6	1.1	0.6	0.7	0.8	1.5	1.9	3.0	3.2	2.4	4.1	5.4	5.5	5.5	4.9	3.4	2.3	2.8	1.8	0.7
28	0.6	1.2	1.0	0.8	1.1	0.9	0.2	1.1	1.6	1.3	1.1	1.5	2.1	2.4	3.8	4.4	4.6	5.0	4.1	3.0	2.3	2.3	2.7	3.0
29	1.3	0.5	1.6	1.6	1.3	0.9	0.8	1.9	1.9	1.8	1.5	2.2	3.2	3.2	3.4	3.6	5.0	4.0	4.7	1.4	1.1	0.7	0.7	1.3
30	1.2	1.1	1.3	1.8	1.2	1.0	1.6	2.1	1.5	2.3	3.0	2.9	3.4	4.3	4.6	5.1	5.7	6.3	4.9	4.2	4.3	3.9	3.3	3.7
31	2.6	2.5	2.5	1.2	0.7	0.5	1.9	1.8	1.4	1.1	2.2	2.0	1.7	1.7	2.0	1.6	1.5	2.7	4.3	2.7	4.3	4.1	3.7	3.1
AVG.	2.9	2.6	2.2	2.3	2.0	1.8	2.0	2.4	2.5	2.5	2.7	3.0	3.4	3.8	4.1	4.6	5.0	5.1	4.9	3.9	3.6	3.5	3.4	3.0

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : July

ELEVATION : 1602 feet

LONGITUDE : 118 degrees 24 minutes 30 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	4.1	3.8	3.8	2.8	2.1	1.7	1.9	1.7	2.2	1.7	2.8	2.4	3.1	4.2	4.7	4.8	4.5	3.7	2.4	1.8	1.3	2.6	2.7	1.4
2	1.3	1.4	0.8	0.9	1.2	0.4	1.6	2.0	2.2	2.7	3.1	2.9	3.2	2.9	2.9	2.5	2.5	1.9	1.6	2.7	2.5	3.0	3.0	3.5
3	2.7	1.8	2.3	2.9	2.6	2.4	1.9	1.9	1.1	1.3	1.9	2.6	3.1	3.7	5.1	5.8	6.2	6.1	6.0	4.4	2.5	1.7	1.7	0.9
4	1.3	3.0	2.8	3.0	2.2	2.0	2.1	3.1	2.8	3.7	2.9	1.2	1.4	1.5	3.0	3.2	3.7	3.3	1.8	1.8	1.3	1.3	2.1	2.1
5	1.9	1.4	1.4	1.8	2.3	1.9	1.8	1.1	0.6	1.4	1.6	1.8	2.2	2.0	3.1	2.8	2.8	3.0	2.2	1.8	3.1	2.8	2.2	2.0
6	1.9	0.9	1.4	1.3	1.1	2.3	1.1	1.4	1.8	2.4	2.6	1.8	2.1	1.9	1.6	1.3	1.5	1.4	0.9	0.9	1.2	1.7	2.8	1.4
7	1.9	2.9	3.1	4.0	4.2	2.4	1.6	2.4	1.7	1.6	1.6	1.2	2.5	1.6	1.3	1.2	1.6	1.0	0.4	1.2	1.3	1.0	0.8	0.9
8	1.0	1.2	0.7	1.9	1.9	1.8	1.8	2.9	2.3	2.5	1.8	1.6	1.8	1.7	1.4	1.6	1.1	2.0	1.8	2.4	3.1	1.4	0.5	1.5
9	1.4	1.3	1.3	1.9	0.9	0.7	1.2	1.0	1.1	1.2	1.7	1.8	2.0	3.0	3.3	4.2	4.6	4.8	3.8	3.2	4.4	4.3	4.2	4.7
10	4.0	4.0	4.8	5.0	4.1	3.6	3.3	3.8	2.9	3.7	4.9	4.6	4.4	4.9	4.5	5.0	5.2	4.0	4.3	5.0	5.6	5.4	6.6	6.4
11	6.3	6.1	6.3	4.8	5.6	5.0	3.6	1.4	1.8	2.3	2.7	4.0	4.6	4.5	5.4	6.0	6.4	5.8	5.3	7.1	6.4	4.4	2.5	1.2
12	2.3	4.3	3.2	2.3	2.4	2.1	0.8	1.2	1.8	3.2	3.3	3.5	3.9	3.8	3.4	3.2	3.2	2.6	2.6	3.4	3.1	2.8	3.1	2.3
13	2.5	2.0	3.3	2.9	2.5	1.8	3.3	3.5	3.0	2.8	2.6	2.8	[CA]	[CA]	[CA]	2.3	2.9	4.2	3.7	3.6	3.3	2.9	2.3	1.3
14	1.3	1.6	1.5	1.9	1.7	0.9	1.0	0.9	1.1	1.3	1.2	1.5	2.3	2.4	2.5	2.1	1.8	1.6	0.7	0.9	1.7	2.2	1.2	0.7
15	0.5	0.9	2.2	1.9	1.3	1.2	1.0	2.2	1.4	1.3	1.9	1.6	1.8	2.0	2.0	2.0	1.8	1.0	1.0	2.1	2.4	2.5	3.1	2.9
16	3.2	4.2	3.1	5.5	3.6	4.9	7.6	7.9	10.1	6.6	1.8	1.3	1.9	2.6	2.9	2.7	2.3	1.5	1.9	2.4	2.4	1.3	1.4	1.5
17	1.4	1.4	2.5	3.4	2.0	2.1	2.5	1.6	2.3	2.5	1.7	2.9	3.1	[CA]	3.1	3.1	3.4	3.2	2.9	4.2	3.8	4.5	3.5	2.5
18	1.7	1.2	1.4	1.8	1.8	1.4	0.8	1.1	0.9	1.1	1.8	2.5	2.9	2.3	2.8	2.8	2.7	3.0	3.0	3.6	2.7	2.2	2.1	2.0
19	1.8	2.4	2.6	2.1	2.5	2.2	1.4	0.9	2.0	2.0	2.6	3.2	3.9	4.2	4.0	4.3	4.2	4.2	4.0	4.3	3.9	3.1	1.2	1.6
20	1.8	1.8	1.3	0.8	1.2	0.9	1.5	0.7	1.3	1.9	2.4	2.9	3.2	3.2	3.2	3.4	3.7	3.4	3.1	3.6	3.3	3.2	2.7	2.0
21	2.3	1.4	1.1	1.3	1.1	2.3	1.1	0.8	1.6	2.3	2.4	2.7	2.6	3.2	3.0	2.3	3.7	3.8	2.6	3.4	3.2	2.3	2.0	1.8
22	1.3	0.7	1.0	1.6	1.4	1.0	0.9	1.5	2.0	2.2	2.1	2.2	2.4	3.5	3.7	3.5	2.9	2.7	2.9	2.9	2.7	2.1	1.4	2.0
23	1.9	2.3	2.0	2.5	2.2	1.3	1.1	1.0	1.6	1.9	1.8	2.0	2.8	3.4	2.9	2.4	3.0	3.5	3.0	2.6	1.2	1.1	1.5	1.9
24	1.8	2.3	2.1	2.0	2.0	1.5	1.3	1.2	1.3	1.4	1.7	2.2	2.3	2.3	[CA]	[CA]	2.6	2.1	3.0	2.6	3.1	2.2	1.1	0.8
25	1.1	1.2	1.2	1.4	1.9	1.1	0.6	0.8	1.7	1.7	2.2	2.3	2.3	2.1	2.4	1.9	1.5	1.1	0.8	0.7	0.7	1.9	0.9	1.0
26	1.2	1.2	1.9	2.5	2.3	3.1	1.9	1.4	1.6	1.6	1.2	1.2	1.5	1.9	2.0	2.0	2.0	2.1	2.0	2.5	1.4	0.5	0.8	0.9
27	1.6	1.2	1.9	2.1	2.8	3.0	2.5	2.1	2.2	2.4	2.7	2.4	3.3	4.1	4.7	5.1	3.8	5.0	7.1	6.1	5.1	5.5	5.1	5.2
28	4.8	4.7	4.5	4.3	4.6	5.3	5.2	5.1	4.5	3.2	3.7	4.3	3.5	4.9	5.2	6.6	7.5	8.3	8.5	7.9	8.8	8.6	8.3	7.4
29	7.3	7.3	6.6	3.1	3.2	2.8	2.0	2.1	1.4	1.9	1.6	2.3	2.6	1.8	1.5	1.8	1.1	1.1	2.4	1.9	3.4	3.0	1.8	2.8
30	3.8	3.9	4.3	4.4	5.7	5.0	4.6	4.3	3.4	3.5	1.8	1.9	1.4	1.3	1.1	1.0	1.2	1.1	1.0	2.5	2.4	2.2	3.1	2.1
31	2.7	2.5	4.0	4.1	2.4	2.2	4.0	3.2	3.2	1.2	1.3	1.6	1.9	2.1	2.2	1.9	1.6	1.3	1.0	0.9	0.6	0.6	1.0	0.7
AVG.	2.4	2.5	2.6	2.7	2.5	2.3	2.2	2.1	2.2	2.3	2.2	2.4	2.7	2.9	3.1	3.1	3.1	3.0	2.8	3.0	3.0	2.7	2.5	2.2

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Flash II Mountain

ELEVATION : 3325 feet

PARAMETER : Mean Horizontal Wind Speed (meters per second)

LATITUDE : 34 degrees 58 minutes 15 seconds

LONGITUDE : 117 degrees 02 minutes 22 seconds

T & B SYSTEMS, INC.

MONTH : July

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	5.9	5.2	7.1	7.5	6.2	4.2	6.2	5.4	7.2	5.8	5.4	4.9	5.2	5.4	5.4	6.4	7.3	8.3	8.9	8.9	8.0	8.5	6.6	5.1
2	4.3	5.7	6.7	6.5	6.0	6.5	5.4	4.5	5.1	4.5	3.8	3.7	3.9	6.4	9.1	10.0	11.5	12.7	12.8	11.8	11.9	11.3	11.5	12.1
3	12.6	12.6	11.4	8.8	9.3	9.3	8.0	10.1	8.3	7.5	6.8	6.1	8.2	8.8	10.0	13.0	15.2	13.6	13.2	12.6	11.9	12.3	12.0	11.5
4	8.9	7.0	6.8	7.3	6.9	6.6	4.4	3.4	3.8	3.0	2.0	1.7	1.9	2.1	3.1	2.5	3.1	2.4	2.7	7.3	5.4	7.3	8.4	8.5
5	7.9	7.2	5.2	5.0	5.8	5.4	4.8	3.1	2.7	1.8	2.0	2.3	3.0	3.9	3.7	5.5	5.0	7.6	8.6	7.0	5.4	5.1	5.1	5.2
6	4.9	5.5	5.1	4.6	4.9	4.0	4.0	3.1	2.5	1.9	2.2	2.8	3.1	6.1	8.4	9.6	9.9	9.3	8.8	8.9	9.1	6.8	5.3	6.5
7	6.6	6.3	5.6	3.7	2.3	3.0	3.2	2.9	2.3	2.0	2.5	3.3	2.4	4.2	5.8	5.9	5.3	7.1	6.1	4.4	3.7	3.4	5.1	5.1
8	4.6	4.5	4.9	4.1	5.0	4.6	4.9	4.2	4.7	3.5	3.4	3.1	4.3	5.6	6.0	6.4	6.0	5.5	7.2	5.3	6.0	6.6	7.3	6.3
9	6.0	6.6	5.8	5.4	5.1	3.8	4.7	3.9	3.3	3.6	3.4	3.6	3.4	3.8	3.9	5.2	5.1	5.4	5.4	5.7	4.7	7.5	6.7	6.7
10	6.9	6.1	6.3	4.9	4.5	5.1	4.5	1.5	3.1	2.7	3.5	3.3	3.2	5.5	3.5	5.0	5.7	7.1	5.7	4.5	6.0	4.0	3.9	4.0
11	4.1	3.4	3.1	4.5	4.8	4.0	4.4	4.0	4.3	4.9	4.0	5.5	5.7	6.5	5.3	8.3	9.6	10.0	9.2	8.1	5.3	2.9	3.2	4.3
12	4.1	5.5	6.0	4.9	4.7	3.6	4.9	4.5	4.0	3.4	4.5	5.9	5.7	6.8	7.1	6.8	7.6	6.6	8.5	7.6	7.0	5.2	6.8	7.6
13	6.8	3.6	3.2	4.6	6.5	6.1	4.5	3.1	3.6	2.7	2.4	2.7	2.5	2.5	3.9	3.6	2.7	1.7	2.7	2.4	3.7	6.3	5.7	5.6
14	5.3	4.1	4.6	4.8	5.1	4.1	4.1	3.8	3.5	2.6	2.1	2.6	2.2	2.8	2.0	1.9	2.0	1.9	1.3	1.5	3.5	3.3	5.3	6.4
15	7.4	6.2	4.6	4.7	3.3	3.4	3.0	3.5	3.5	2.1	1.4	2.0	2.4	2.9	3.5	7.7	5.0	4.1	5.8	6.3	4.7	5.4	6.9	5.7
16	5.9	6.2	4.8	3.8	5.2	3.6	2.1	4.6	6.3	6.5	2.5	4.5	5.8	4.0	3.2	2.9	4.2	3.5	3.0	5.1	3.9	2.9	3.3	2.7
17	2.7	3.5	3.5	4.8	5.4	5.0	3.0	2.7	1.9	2.2	2.3	3.7	3.0	6.8	7.9	7.3	7.4	8.0	7.6	5.4	5.1	4.6	3.8	4.0
18	3.5	3.7	3.2	3.0	3.5	3.2	2.8	2.7	3.5	3.4	3.6	3.6	8.3	11.9	12.0	11.7	11.2	9.2	8.0	6.2	6.9	6.1	5.8	5.0
19	4.7	3.8	4.3	5.4	5.5	4.0	3.2	3.5	3.2	3.5	3.4	4.0	7.8	9.2	10.2	9.4	9.9	10.0	8.6	8.7	8.0	8.0	6.8	6.9
20	6.2	4.5	6.0	5.6	4.8	3.4	3.0	3.4	4.2	4.0	3.9	4.0	5.4	5.8	6.0	7.1	8.2	8.4	8.4	8.2	9.0	9.4	7.9	6.6
21	8.0	9.0	6.1	6.8	7.0	6.7	6.9	6.8	5.3	6.6	7.0	7.6	8.4	8.7	9.5	10.1	9.9	9.6	11.0	11.2	11.0	12.4	12.3	10.5
22	11.6	9.7	10.8	12.1	12.0	6.4	4.6	5.6	7.0	5.3	6.4	6.6	7.2	7.3	8.7	9.0	8.6	10.0	8.7	9.5	9.1	8.0	8.9	7.8
23	8.1	8.4	8.4	6.7	7.0	6.7	4.9	2.6	2.6	2.5	2.4	2.0	3.0	2.9	3.3	3.0	2.6	2.4	1.9	5.1	4.8	5.5	7.2	7.2
24	6.1	6.6	5.8	5.7	6.1	3.8	4.0	4.0	3.3	3.0	2.6	2.8	3.5	2.9	2.5	2.8	2.5	3.3	7.0	6.5	4.9	7.8	7.9	8.6
25	7.1	6.9	6.6	7.2	6.2	4.2	3.4	3.3	3.8	3.5	2.8	3.1	3.0	3.4	2.6	3.4	5.2	4.7	5.5	7.7	7.8	5.6	5.7	6.0
26	4.7	4.3	4.6	5.4	6.2	4.4	3.9	4.6	4.0	2.6	3.2	2.4	3.1	3.3	3.7	3.4	5.7	8.7	7.8	7.6	4.4	3.8	4.0	4.0
27	4.1	4.3	4.1	3.8	4.1	3.4	2.6	2.1	2.3	1.9	1.8	2.6	3.2	4.8	4.5	4.5	5.0	7.3	7.1	6.3	4.0	3.9	2.6	3.2
28	3.8	5.4	5.1	4.4	4.0	4.5	3.9	2.5	2.4	1.9	2.5	2.3	2.2	3.1	3.1	3.1	3.0	4.0	5.8	5.1	5.4	3.3	3.9	3.3
29	4.3	4.3	3.1	3.5	5.0	5.4	5.5	3.2	2.6	2.7	2.1	2.6	3.4	2.6	3.3	4.8	5.6	6.9	9.1	8.7	4.7	3.9	5.2	3.5
30	4.1	4.2	4.7	4.4	5.2	4.7	4.4	3.8	2.8	3.3	3.7	3.1	3.1	4.6	8.2	9.3	8.2	7.2	6.6	7.1	5.8	4.8	6.0	6.2
31	6.2	6.5	5.0	3.4	4.4	3.9	4.1	2.0	1.8	2.2	2.2	1.9	2.0	2.1	2.9	3.0	3.9	2.8	3.6	7.2	6.6	7.0	6.3	6.6
AVG.	6.0	5.8	5.6	5.4	5.5	4.7	4.3	3.8	3.8	3.5	3.3	3.6	4.2	5.1	5.6	6.2	6.5	6.8	7.0	7.0	6.4	6.2	6.4	6.2

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : July

ELEVATION : 1782 feet

LONGITUDE : 116 degrees 09 minutes 15 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	3.0	2.7	2.2	4.3	4.1	3.8	2.7	1.0	1.1	1.6	1.9	1.9	2.1	2.2	2.7	2.5	2.9	3.3	5.8	8.1	7.7	5.9	4.5	3.4
2	3.8	3.2	3.9	3.4	4.4	4.8	5.0	5.0	4.8	4.0	3.4	2.9	4.2	6.5	6.5	7.0	7.6	8.3	7.7	7.6	9.2	8.3	7.2	6.2
3	6.2	2.9	3.6	2.3	1.7	3.9	7.7	9.8	9.4	8.6	7.2	5.7	5.8	6.0	6.4	7.9	8.8	9.8	10.0	8.9	7.5	7.2	7.3	7.1
4	4.9	4.8	4.8	4.2	3.9	3.8	0.9	1.4	2.7	3.1	2.9	2.2	2.6	2.3	2.3	3.3	1.8	3.0	3.8	1.0	1.7	6.5	7.9	6.9
5	3.2	3.9	4.7	5.1	4.6	4.1	4.1	4.1	2.1	1.2	3.1	5.1	5.4	5.7	5.5	5.2	5.2	4.9	5.5	5.4	5.4	4.8	3.4	2.2
6	3.0	2.8	3.1	2.8	1.9	1.5	0.7	1.4	3.8	4.8	4.4	5.9	7.2	7.8	7.4	7.8	7.1	6.5	5.8	4.4	4.2	3.7	2.6	2.1
7	1.5	3.8	4.6	5.2	4.7	3.9	5.0	4.2	2.1	1.4	2.2	3.3	3.4	4.9	4.1	5.7	4.5	5.0	4.1	4.8	5.3	4.9	4.5	5.1
8	5.6	5.5	5.6	5.5	5.3	6.2	6.4	6.3	5.9	2.3	1.9	1.8	2.1	2.1	4.0	3.0	4.0	4.9	4.5	4.9	7.4	7.1	4.0	4.0
9	5.2	4.0	3.4	4.2	4.2	4.1	4.2	3.4	1.5	1.8	2.3	1.9	2.1	1.4	1.5	3.8	3.7	3.9	3.0	5.4	7.4	8.2	6.4	1.3
10	1.4	1.8	1.8	2.3	1.8	2.7	3.3	2.6	1.1	1.3	1.2	1.3	3.0	3.7	2.9	3.3	4.8	6.8	2.9	3.9	4.2	4.0	2.2	3.7
11	3.8	2.5	2.9	3.5	3.5	3.2	4.7	2.6	1.7	2.0	1.7	1.8	2.9	4.0	4.7	4.4	5.4	6.5	7.6	5.7	3.1	4.9	3.2	2.3
12	2.6	5.6	6.0	6.4	5.7	3.8	2.3	3.1	2.7	1.5	1.8	2.5	2.3	3.0	4.2	4.8	5.0	7.6	7.3	6.2	5.1	4.3	4.5	5.5
13	4.7	5.4	5.6	5.4	5.7	6.0	6.0	6.2	5.2	4.4	2.4	1.8	2.1	2.1	2.4	2.2	2.0	2.4	2.6	1.6	2.2	2.2	2.2	4.7
14	4.3	5.3	5.2	5.8	5.0	4.7	4.5	5.4	3.8	1.7	1.8	3.0	3.3	3.5	2.8	3.0	2.0	1.9	2.3	2.7	3.9	2.5	1.4	3.5
15	4.4	4.3	4.4	4.2	3.4	4.6	4.2	4.1	4.7	2.9	2.0	1.8	2.2	3.9	3.4	3.0	3.3	5.2	4.4	3.5	5.8	7.4	6.4	2.9
16	5.3	6.9	6.7	6.2	6.7	7.1	6.5	4.4	7.2	7.3	5.9	5.0	1.6	2.6	3.6	4.3	3.8	2.9	2.5	2.3	2.5	3.3	3.1	2.8
17	4.1	3.9	3.4	3.7	3.6	3.1	3.8	3.6	2.3	1.8	1.9	2.6	1.9	2.3	2.1	3.0	3.1	2.4	2.3	2.7	4.2	3.1	3.7	4.1
18	3.7	3.5	2.0	1.7	2.6	3.8	3.9	2.1	1.2	1.8	2.0	1.8	2.5	2.8	2.0	3.4	5.4	4.8	6.7	7.2	5.7	5.4	2.8	2.7
19	2.6	2.1	3.3	3.5	5.3	5.6	4.8	4.6	2.8	2.2	1.8	2.2	3.3	2.2	4.8	3.9	5.1	3.7	5.9	3.5	3.3	3.1	3.1	3.2
20	2.2	3.6	4.6	4.6	4.8	3.7	4.2	3.6	1.9	1.8	1.9	2.4	3.0	2.9	2.3	2.9	2.6	2.4	4.6	5.9	4.9	4.8	4.9	2.7
21	3.6	1.5	1.4	1.7	2.7	3.5	4.2	3.1	3.8	4.3	2.9	3.6	3.3	2.9	3.5	3.8	4.9	6.1	7.3	6.8	7.5	7.5	3.2	3.2
22	4.1	1.4	2.6	3.4	2.7	1.4	2.4	3.9	4.5	4.7	5.5	4.0	2.8	2.6	3.3	3.4	5.3	6.3	6.9	6.7	7.6	3.3	3.9	4.5
23	3.4	4.3	4.2	4.6	3.3	3.8	4.6	2.7	1.4	1.4	1.9	1.9	1.5	2.5	2.2	2.2	2.6	3.0	3.7	4.1	4.2	4.2	3.0	3.8
24	5.3	6.1	6.1	5.2	5.5	5.4	5.2	5.3	3.8	2.4	1.7	2.4	3.0	2.3	2.7	3.6	3.6	4.0	4.2	5.2	4.6	3.8	3.2	6.7
25	7.1	6.5	5.5	5.2	5.5	4.6	4.7	5.1	2.9	1.3	1.9	4.2	3.7	3.4	2.8	3.2	3.3	4.8	5.4	6.2	3.6	1.5	3.1	5.0
26	6.2	5.1	5.1	3.7	4.5	4.5	4.3	4.8	3.4	1.4	1.5	1.7	2.1	2.3	2.7	3.2	5.0	4.0	6.4	4.6	3.3	2.7	3.9	4.1
27	4.4	4.1	3.1	3.2	3.3	3.4	3.6	2.5	2.2	1.7	1.8	1.5	1.9	2.4	2.2	3.7	5.7	7.1	5.4	3.3	4.8	5.0	5.9	2.7
28	1.7	2.9	2.4	4.6	3.9	4.3	5.1	5.1	5.2	3.7	3.3	3.0	3.3	3.2	2.8	2.5	2.7	2.4	1.8	2.4	8.2	7.3	3.9	3.3
29	5.4	4.8	5.7	5.1	3.9	3.3	3.6	5.0	5.0	4.1	2.5	1.9	2.1	2.3	2.2	4.5	8.2	6.6	7.9	7.4	3.4	3.6	2.0	1.4
30	3.6	2.1	2.6	3.5	4.7	3.8	3.6	5.1	3.8	2.3	1.6	1.9	3.7	6.5	4.2	5.9	4.7	5.0	5.8	4.1	5.3	5.0	4.6	3.8
31	3.7	2.6	3.3	4.1	4.8	5.3	5.1	4.3	1.7	2.0	1.7	1.5	1.5	1.5	2.2	1.7	2.4	2.6	2.1	1.9	2.2	4.0	5.3	4.5
AVG.	4.0	3.9	4.0	4.1	4.1	4.1	4.2	4.1	3.4	2.8	2.6	2.7	3.0	3.3	3.4	3.9	4.4	4.8	5.0	4.8	5.0	4.8	4.1	3.9

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Palmdale

LATITUDE : 34 degrees 33 minutes 26 seconds

MONTH : July

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	7.4	7.5	3.6	3.2	5.2	5.8	6.4	7.0	6.3	4.9	4.3	5.2	6.5	7.7	8.5	9.8	8.5	7.8	8.1	6.8	5.8	4.2	5.3	5.9
2	5.9	4.6	5.6	5.0	5.2	5.0	4.5	4.8	5.4	6.6	7.7	8.4	9.0	11.0	11.3	11.7	11.7	10.7	9.6	9.1	9.5	6.4	7.2	6.9
3	7.2	6.3	5.8	5.4	6.5	7.0	7.1	5.9	5.2	5.6	5.2	5.2	6.4	7.2	7.1	7.1	7.4	6.8	6.3	6.7	5.8	6.2	6.0	5.4
4	6.4	8.0	7.1	4.5	1.6	2.1	1.0	1.0	1.9	2.0	1.9	2.1	2.0	2.9	6.6	8.0	8.1	6.1	2.3	2.0	1.7	0.8	1.5	1.8
5	1.4	1.9	2.1	1.9	2.2	1.4	0.8	1.1	0.9	1.4	1.9	1.5	5.1	6.5	7.3	7.8	8.2	8.0	8.4	9.3	4.8	0.7	1.3	2.3
6	3.5	3.0	1.7	1.9	1.8	1.7	1.3	1.5	2.1	2.3	2.6	2.8	6.4	6.7	5.6	6.4	6.1	6.7	9.3	7.5	2.1	2.2	1.2	1.3
7	1.2	0.8	1.8	2.4	2.3	2.1	0.6	1.1	1.5	2.1	1.5	6.3	7.1	4.1	4.9	6.3	7.4	7.0	7.3	7.5	1.6	0.8	1.7	1.0
8	1.5	2.6	2.8	3.1	3.1	1.8	0.9	1.3	1.9	3.1	4.5	4.4	4.8	6.2	6.2	7.6	7.9	9.0	8.7	3.1	2.4	1.1	1.0	1.5
9	1.7	2.0	2.1	1.2	1.8	2.5	1.8	1.2	3.3	4.8	4.7	4.8	6.8	7.5	7.6	8.1	7.9	6.7	7.1	7.7	5.6	1.2	0.9	1.7
10	2.8	2.6	2.4	1.3	1.3	1.2	0.8	1.1	1.8	3.5	5.3	6.6	7.5	8.4	9.3	10.9	11.0	10.0	6.7	2.0	1.2	1.2	2.8	4.6
11	1.2	0.6	1.0	0.8	0.8	2.1	4.0	7.3	6.8	7.1	7.2	8.2	7.5	7.4	7.3	7.8	7.0	6.4	5.5	5.5	5.5	4.6	2.6	3.8
12	4.1	3.0	1.6	3.5	1.2	1.5	1.7	1.0	1.3	2.5	4.3	5.3	6.7	6.8	7.3	6.8	6.6	6.4	6.1	2.6	2.8	1.5	1.3	1.1
13	1.6	2.3	2.2	0.8	1.1	1.2	0.6	1.4	1.5	2.2	1.8	2.2	1.7	2.1	2.2	2.7	4.8	5.1	3.5	3.2	1.2	0.8	0.6	1.5
14	2.0	2.1	1.3	1.6	2.4	1.8	0.6	1.0	1.0	1.5	1.9	2.0	2.0	2.0	2.8	4.6	5.3	6.3	6.7	7.2	4.6	1.5	2.3	2.4
15	2.8	3.2	2.4	1.9	1.2	1.7	0.6	0.5	1.2	1.5	2.4	2.1	1.9	5.0	7.7	8.1	7.3	6.8	6.8	8.4	8.6	8.1	7.2	7.0
16	6.6	4.0	5.5	7.8	9.3	9.0	9.2	9.0	7.8	7.2	6.6	6.8	5.1	1.5	3.4	3.2	2.6	2.6	2.1	1.4	1.9	2.0	2.2	1.4
17	1.7	1.4	0.8	0.9	1.0	1.0	1.2	1.3	1.6	2.1	1.8	2.2	2.6	4.6	5.4	6.7	6.8	6.8	6.2	6.5	7.1	6.7	1.9	1.1
18	0.9	3.4	1.1	0.8	0.7	0.9	0.7	1.4	2.5	3.7	4.2	5.7	5.3	5.8	7.5	6.6	6.3	5.4	3.7	2.7	1.1	1.5	1.1	2.8
19	2.4	3.1	0.9	0.8	1.5	0.6	1.6	4.5	5.0	5.3	4.9	5.1	5.5	6.0	6.4	6.1	5.6	5.9	6.3	8.2	8.8	4.9	4.5	2.5
20	1.5	2.2	1.4	0.9	0.9	0.9	0.8	2.0	4.0	5.9	8.0	8.2	8.3	8.1	7.9	6.6	7.6	8.2	7.2	4.0	5.5	3.4	2.9	3.6
21	3.6	3.6	4.0	3.5	1.8	2.2	4.3	6.9	8.0	8.0	7.8	7.6	7.1	6.7	7.0	8.0	6.7	6.1	6.4	4.6	5.1	5.0	5.6	5.0
22	4.9	3.6	4.6	6.4	7.2	7.3	6.6	6.6	5.2	4.8	5.8	5.1	4.9	4.9	6.2	6.3	5.9	5.6	4.0	3.1	2.7	3.2	3.4	3.6
23	3.4	2.5	1.2	4.1	2.3	2.7	2.0	0.9	1.0	1.6	1.6	1.5	2.0	1.9	3.5	5.5	5.5	7.4	7.5	4.8	1.3	1.8	2.2	3.9
24	3.6	4.1	3.6	2.0	2.3	2.6	1.3	1.5	1.6	1.6	2.1	4.4	5.1	4.9	6.7	7.9	7.6	8.6	4.6	2.0	1.8	2.5	1.0	2.0
25	2.5	2.4	2.1	2.4	1.6	2.5	3.5	1.7	1.1	1.7	2.0	3.0	4.3	5.1	5.0	6.5	7.2	7.9	8.8	9.9	7.2	1.9	1.1	2.0
26	1.2	1.2	1.2	0.9	1.7	2.2	0.5	0.9	1.4	1.6	1.6	3.7	4.5	6.1	6.4	5.6	5.9	5.9	5.7	2.3	0.7	2.6	2.3	0.9
27	0.8	0.9	0.7	0.8	1.0	2.5	1.7	1.4	1.7	1.9	3.7	4.7	5.1	5.1	5.6	6.1	6.3	6.0	5.7	5.2	5.8	2.3	1.5	1.9
28	2.6	2.8	2.8	2.7	2.3	1.6	0.9	1.0	1.5	1.3	1.5	1.7	2.2	3.5	4.4	7.9	9.0	7.9	4.4	3.5	3.8	1.7	2.1	2.6
29	2.8	2.6	2.3	2.0	1.8	0.9	0.9	1.7	1.3	1.6	2.1	2.2	3.1	4.7	6.0	6.6	6.6	5.9	3.3	1.8	1.3	1.8	2.2	3.0
30	3.2	1.3	2.6	1.8	2.0	2.3	2.3	1.2	2.4	2.2	3.7	7.2	8.5	8.1	8.6	7.5	7.8	8.2	5.0	3.6	3.8	3.7	3.7	3.0
31	3.7	4.1	3.8	1.1	0.8	1.1	1.7	1.6	1.0	1.3	1.9	1.5	1.9	2.0	4.7	5.2	6.4	4.1	3.1	3.8	7.0	4.5	4.8	4.3
AVG.	3.1	3.0	2.6	2.5	2.4	2.6	2.3	2.6	2.9	3.3	3.8	4.4	5.1	5.5	6.3	7.0	7.1	6.8	6.0	5.0	4.1	2.9	2.8	3.0

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : July

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	8.9	9.3	7.7	7.7	9.1	9.1	8.1	7.6	7.9	6.2	5.8	6.8	7.4	8.2	9.3	10.4	9.6	8.1	7.7	8.9	9.1	7.2	7.7	8.4
2	8.1	8.8	9.0	7.8	8.2	7.6	6.9	5.7	4.5	4.9	4.5	5.5	5.4	6.6	10.1	9.0	6.2	5.9	6.3	6.1	7.5	7.7	8.6	9.0
3	9.9	10.8	10.4	9.3	9.7	9.5	9.0	6.8	5.8	5.2	4.8	6.4	6.6	6.8	7.6	7.9	9.0	10.2	10.1	9.9	9.3	8.4	9.2	8.9
4	8.1	6.7	5.1	5.0	4.0	3.0	2.3	1.6	1.8	1.4	2.0	2.0	2.3	1.9	4.1	3.9	3.1	4.5	5.8	5.5	5.0	5.8	7.8	7.3
5	6.7	5.8	4.9	4.6	4.9	3.6	2.6	1.7	0.8	1.9	3.5	6.5	9.0	8.4	8.9	8.9	9.0	9.4	7.4	7.1	4.9	2.3	1.9	2.2
6	2.2	2.6	2.2	2.5	1.6	1.2	1.5	1.2	1.8	3.4	9.1	11.1	10.2	9.8	9.4	9.2	8.9	8.6	8.0	9.1	9.6	10.0	5.3	5.6
7	7.8	3.8	3.9	4.1	3.3	3.3	2.2	1.5	0.9	4.3	7.4	8.6	8.7	7.7	7.7	8.9	9.0	9.1	7.9	4.7	3.6	4.3	4.0	5.4
8	5.8	4.5	6.2	6.8	7.8	7.3	6.2	5.7	5.4	3.9	5.0	7.8	8.1	7.6	6.8	7.2	8.4	9.5	7.7	5.8	5.0	3.8	2.9	1.8
9	2.1	7.4	5.9	5.1	2.9	0.9	2.0	1.8	1.7	2.0	1.6	1.8	3.1	7.3	8.1	7.2	6.6	5.5	3.6	3.8	3.6	2.1	2.7	3.1
10	3.2	3.7	4.4	3.6	3.8	3.6	3.3	2.1	2.9	1.9	2.4	3.1	7.4	7.8	6.7	8.5	7.1	4.9	5.0	4.6	5.3	5.0	5.4	5.2
11	5.7	4.2	4.0	4.0	4.9	3.3	1.5	2.8	3.8	3.4	4.7	6.3	8.9	10.9	10.9	11.1	11.2	10.3	8.9	7.4	6.8	7.5	6.0	6.0
12	6.5	5.4	6.1	6.9	7.3	5.8	4.4	5.1	3.7	2.4	3.0	5.4	8.6	8.5	9.2	8.4	8.1	4.5	4.6	4.5	5.3	6.4	6.4	6.3
13	7.7	5.4	6.1	4.5	3.5	3.0	3.0	1.6	1.4	2.3	2.4	2.4	1.5	2.6	2.7	2.8	2.4	3.7	4.8	4.4	5.7	4.8	4.4	4.2
14	3.2	2.6	1.5	1.5	1.3	1.2	2.4	2.0	1.7	1.0	1.8	3.6	3.6	4.3	3.7	5.8	4.5	5.2	5.0	5.5	3.0	4.9	3.4	3.3
15	3.3	3.2	2.7	3.0	3.2	2.9	1.7	1.3	1.2	1.1	2.6	3.1	4.9	4.7	8.7	5.0	5.8	8.3	7.7	6.4	6.5	5.9	3.2	7.8
16	5.2	2.8	6.5	8.3	9.0	10.6	11.0	10.8	6.3	7.7	6.8	4.4	2.0	2.4	3.6	3.6	3.5	3.6	3.9	4.8	4.9	5.3	5.9	5.5
17	5.5	6.0	5.9	6.5	6.5	7.1	6.6	5.7	5.3	5.5	5.0	4.7	7.8	9.2	9.9	10.3	9.4	8.4	7.9	7.7	8.4	7.8	6.4	5.9
18	5.4	2.7	2.3	3.2	2.6	3.7	3.7	2.1	2.1	2.5	3.6	8.8	10.2	10.0	10.2	10.5	8.9	8.2	7.6	6.8	7.4	6.8	9.1	8.7
19	8.1	7.8	6.3	4.5	3.5	3.7	5.0	5.9	6.9	9.4	10.3	10.8	12.2	11.7	10.5	10.0	9.8	9.0	7.5	7.3	7.0	7.4	8.3	7.9
20	6.4	4.9	4.0	4.2	5.3	5.2	4.6	5.5	3.2	2.3	2.2	3.7	6.3	9.2	11.2	11.0	10.0	8.8	7.1	6.0	4.8	5.4	6.0	5.0
21	6.3	7.0	7.3	6.6	6.7	5.9	5.2	4.0	5.0	5.0	4.6	5.0	5.3	5.2	5.6	5.0	5.1	7.7	7.0	7.3	6.9	6.2	6.8	7.6
22	8.0	7.6	8.0	9.1	8.6	8.2	7.6	6.9	5.3	5.4	4.4	5.3	4.4	5.1	6.0	5.1	5.0	5.6	4.9	6.7	8.1	9.1	9.1	9.4
23	8.1	7.3	7.0	7.2	6.7	5.5	4.3	2.4	1.1	2.0	1.4	1.7	2.9	2.6	2.9	3.5	5.9	5.9	6.4	5.1	4.8	7.7	6.5	5.9
24	6.6	5.5	4.4	3.4	3.7	3.9	3.3	1.8	1.3	1.4	2.9	2.9	3.5	3.6	5.9	6.9	7.3	7.1	6.2	5.0	5.9	6.7	4.5	3.8
25	5.0	6.5	6.1	4.8	4.3	4.1	3.5	2.4	4.8	4.3	3.6	3.9	5.6	6.3	6.7	6.0	7.9	8.1	7.9	7.4	5.9	6.6	7.7	8.7
26	9.3	8.5	9.1	7.3	7.3	7.6	6.8	5.9	5.6	4.0	6.4	7.9	9.0	9.8	10.9	11.2	10.7	9.8	9.5	6.9	6.8	7.6	7.4	6.9
27	6.1	5.8	5.2	5.1	5.3	5.1	3.7	2.1	1.2	1.1	2.0	4.2	9.0	9.1	9.6	8.1	8.5	7.6	5.5	4.0	5.1	4.3	4.3	3.6
28	3.6	2.3	1.5	1.6	1.2	0.7	0.5	1.0	1.2	1.5	4.1	6.2	2.8	3.3	3.4	2.3	3.8	7.1	7.8	8.0	7.4	7.7	6.6	5.5
29	3.0	3.6	2.0	1.3	2.1	2.6	1.2	0.7	1.6	1.1	0.9	1.5	1.9	2.7	4.1	2.9	9.4	9.5	11.6	7.3	4.3	4.1	3.5	3.1
30	2.6	2.5	3.3	4.3	4.2	5.4	6.0	5.8	4.3	3.1	3.1	4.4	5.1	8.6	8.4	10.4	5.8	6.0	5.5	5.0	5.9	5.9	5.5	5.7
31	5.4	5.7	5.3	5.3	3.8	3.7	3.5	1.6	1.7	1.0	1.1	2.3	3.7	3.8	3.1	5.9	3.5	6.6	5.6	5.5	6.2	6.4	6.7	6.1
AVG.	5.9	5.5	5.3	5.1	5.0	4.8	4.3	3.6	3.3	3.3	4.0	5.1	6.0	6.6	7.3	7.3	7.2	7.3	6.9	6.3	6.1	6.2	5.9	5.9

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : July

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	5.0	6.3	7.4	7.2	6.9	7.5	6.0	6.0	5.3	4.8	4.7	4.2	3.6	5.6	5.3	7.6	10.9	12.4	12.3	10.7	10.6	10.1	10.7	10.5
2	10.2	10.2	10.1	9.9	9.4	8.7	7.6	7.8	7.0	6.2	6.9	7.4	8.6	10.3	11.5	13.4	14.5	13.7	13.2	13.9	14.3	12.5	12.3	13.6
3	13.4	14.1	14.2	13.2	12.2	11.9	11.8	12.1	11.3	11.6	11.6	11.1	12.3	13.7	15.6	18.3	18.9	18.7	18.4	15.8	13.1	12.8	13.0	12.4
4	12.0	11.4	10.3	9.4	7.8	6.3	4.8	3.5	2.8	2.0	3.2	3.5	3.0	2.6	1.8	3.4	6.1	11.7	11.3	10.4	10.7	10.4	9.8	10.2
5	10.8	10.9	9.5	8.3	8.5	8.0	7.5	3.8	2.2	2.2	2.3	4.2	4.2	5.2	4.1	3.6	3.8	6.0	10.1	8.8	8.1	8.4	8.5	7.5
6	7.3	6.0	5.5	5.0	4.9	5.9	4.5	2.1	1.7	2.8	5.8	9.2	13.7	14.4	10.8	11.1	8.2	8.1	6.2	5.2	6.4	6.6	7.1	7.9
7	6.9	7.4	6.9	7.2	6.9	6.2	6.0	2.9	1.6	2.9	7.0	7.5	4.8	5.3	4.1	6.4	7.4	8.6	7.9	6.4	6.7	6.7	5.1	3.0
8	2.2	2.2	2.0	3.0	2.7	2.5	2.2	2.1	2.0	1.9	1.6	1.9	2.5	4.5	4.1	6.3	10.2	11.3	10.5	8.2	7.5	7.7	7.4	7.2
9	6.8	7.9	7.9	6.9	7.6	6.8	6.6	8.5	7.8	6.6	5.2	4.9	4.5	6.1	8.4	9.9	11.6	11.2	11.7	10.9	10.5	10.0	10.7	10.0
10	8.7	8.6	7.2	6.2	6.2	6.4	4.6	3.3	3.3	2.9	3.9	4.4	5.3	4.8	6.8	9.8	11.6	11.1	9.5	9.3	9.0	9.5	9.3	8.3
11	7.8	9.0	10.5	9.0	8.9	8.4	7.8	7.5	7.4	7.7	7.0	6.4	8.3	10.7	11.8	11.8	11.4	11.1	9.8	8.5	8.5	6.6	6.7	8.2
12	9.1	8.8	9.1	7.5	8.0	8.1	7.7	6.2	5.8	5.7	5.5	5.3	6.6	8.0	8.3	9.5	9.9	11.3	10.1	9.4	8.5	7.2	8.4	7.6
13	8.7	9.4	8.4	7.2	4.3	4.4	2.3	1.2	2.3	2.2	2.0	[CA]	[CA]	[CA]	[CA]	2.6	2.9	2.2	2.8	6.1	7.5	8.6	8.0	5.8
14	3.9	2.1	1.3	2.3	1.4	1.0	1.3	1.9	1.5	2.6	3.8	3.7	4.3	6.3	6.3	4.9	5.6	2.8	8.1	7.2	8.2	8.8	7.6	7.6
15	7.6	7.3	7.0	6.4	5.7	4.6	3.5	1.9	1.5	2.6	3.0	4.6	4.2	4.3	5.4	5.5	7.2	5.1	5.1	6.4	6.7	8.3	9.8	8.3
16	8.5	9.3	8.5	9.4	9.5	7.4	8.4	16.6	10.6	6.3	8.2	6.0	4.7	2.5	2.9	3.0	2.9	4.2	2.8	3.0	4.1	3.4	3.6	3.5
17	2.6	2.1	3.2	4.5	5.8	6.8	5.4	3.4	2.6	2.6	2.8	3.1	1.9	2.3	2.8	4.7	9.1	9.2	8.5	6.5	6.8	6.3	5.3	6.3
18	6.2	6.4	6.6	5.4	5.1	4.5	4.8	4.5	3.5	1.8	2.0	5.1	5.0	8.6	8.6	8.6	8.4	9.4	8.9	8.3	8.5	6.7	4.6	5.4
19	5.4	5.7	5.7	5.8	5.2	4.2	1.8	1.6	1.2	2.0	1.6	2.1	4.7	4.1	6.4	9.7	10.0	10.5	10.4	9.6	10.0	9.1	9.8	9.8
20	10.7	10.2	10.5	9.8	8.9	7.2	5.5	5.6	5.2	5.7	4.8	4.4	6.3	7.5	9.9	10.6	10.2	10.6	10.5	9.3	9.5	10.3	10.5	10.0
21	11.2	10.6	11.0	11.8	10.2	9.8	8.5	8.0	8.7	8.9	8.7	10.0	11.1	11.4	12.3	13.0	13.1	14.0	13.3	12.1	11.9	14.2	13.6	12.2
22	12.8	11.9	11.5	12.3	11.5	11.2	10.4	9.7	9.9	9.9	9.0	8.8	9.8	10.6	11.2	12.2	13.3	13.3	12.1	13.5	11.9	13.2	11.5	11.5
23	11.2	11.3	10.4	10.1	9.4	8.1	7.0	5.1	3.7	2.3	1.9	1.6	2.2	2.5	3.4	3.7	4.1	7.1	10.0	7.7	8.4	7.8	8.1	8.8
24	8.4	8.8	8.4	7.0	6.5	6.9	6.2	4.2	3.4	2.8	2.5	2.2	3.2	4.0	4.7	5.1	7.9	9.9	10.1	8.7	8.4	8.8	9.2	9.4
25	9.3	8.0	7.1	6.1	6.2	6.4	5.8	2.7	1.6	1.5	2.1	3.1	3.8	3.9	3.7	3.9	4.1	8.1	8.9	8.0	7.3	7.3	6.4	3.0
26	1.8	4.4	4.4	4.1	3.9	1.3	1.5	1.8	1.4	1.7	1.8	2.7	3.6	4.1	5.1	7.0	9.1	10.3	9.1	8.9	8.1	8.3	8.9	8.0
27	7.8	7.2	7.5	7.9	6.6	4.3	1.7	1.3	1.3	1.5	2.8	3.3	4.4	2.9	5.8	9.4	11.2	12.0	10.5	9.3	8.0	7.4	6.4	5.7
28	5.5	5.0	3.1	1.3	1.1	1.2	0.7	1.0	1.2	1.6	2.2	3.0	2.3	2.6	3.7	7.7	10.6	10.7	10.1	10.2	9.2	8.1	8.9	6.3
29	4.9	4.9	4.5	5.0	4.5	4.0	2.7	1.7	1.7	2.1	2.3	2.8	3.4	3.9	5.7	8.7	9.1	5.0	4.6	4.9	4.5	3.8	5.1	5.9
30	5.8	5.8	5.6	6.0	6.1	5.3	4.9	2.6	1.5	3.2	4.0	4.1	3.8	4.3	11.6	10.2	7.6	8.1	8.8	8.6	8.2	8.0	8.3	8.4
31	8.4	8.5	9.1	8.3	7.5	6.6	7.0	4.2	2.6	1.8	2.6	1.6	2.4	2.0	2.7	2.6	4.4	6.8	10.8	9.3	9.8	8.8	7.9	7.4
AVG.	7.8	7.8	7.6	7.2	6.8	6.2	5.4	4.7	4.0	3.9	4.3	4.7	5.3	6.0	6.8	7.9	8.9	9.5	9.6	8.9	8.7	8.6	8.5	8.1

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : July

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	9.7	9.5	9.6	10.5	8.8	9.7	10.2	11.2	11.9	11.6	11.2	13.0	12.4	12.3	13.5	13.6	14.0	13.5	12.4	11.1	11.2	12.3	9.9	8.6	14.0
2	8.4	9.5	8.4	7.0	6.9	7.9	8.8	9.7	10.4	11.1	12.0	13.2	13.1	13.2	12.5	12.7	11.9	11.6	10.5	11.1	11.4	10.1	10.7	11.3	13.2
3	9.9	10.4	9.6	10.3	10.5	10.3	11.1	10.6	10.4	10.7	11.6	13.1	14.1	14.6	14.0	14.1	13.1	12.5	13.6	12.0	11.2	11.6	11.6	10.7	14.6
4	8.4	7.3	5.3	2.7	5.3	6.3	4.6	5.4	6.0	6.4	6.9	7.2	5.2	9.4	10.1	9.8	11.5	12.0	11.1	9.6	7.3	5.9	4.3	2.8	12.0
5	2.5	2.8	2.1	2.3	2.6	2.3	2.1	3.3	4.6	8.0	8.2	10.9	11.1	11.6	11.2	10.0	10.9	10.3	9.9	10.1	10.0	9.6	9.4	7.7	11.6
6	5.2	5.0	4.2	3.4	3.6	2.9	3.8	3.9	7.4	10.8	11.2	12.5	12.5	12.2	11.2	12.2	10.2	10.6	9.7	9.4	9.7	8.2	8.9	8.2	12.5
7	7.0	7.3	5.4	3.6	2.9	2.9	3.5	3.4	9.1	11.5	10.7	11.9	11.8	11.4	11.3	12.8	13.0	10.8	9.8	10.3	10.2	9.3	8.7	9.5	13.0
8	9.4	8.7	9.6	10.4	9.9	8.7	8.7	8.5	10.1	9.7	11.5	11.0	10.5	11.1	10.1	11.5	13.3	13.2	12.4	13.1	8.7	9.4	10.5	10.1	13.3
9	10.2	10.1	7.8	7.9	7.6	6.0	6.8	6.9	6.4	6.5	7.3	9.1	10.1	10.0	10.0	9.6	9.8	10.2	9.1	10.3	11.2	8.7	8.0	7.4	11.2
10	8.5	7.4	5.1	4.5	6.3	7.3	8.4	3.9	6.7	10.5	11.0	11.5	12.4	12.3	12.0	11.9	11.1	9.8	8.5	8.2	7.6	6.6	7.0	7.4	12.4
11	6.5	7.0	7.9	8.2	10.0	10.5	10.4	9.9	10.0	9.1	9.2	11.7	14.9	15.2	14.1	14.1	13.6	12.8	10.1	8.2	9.0	9.6	11.5	11.5	15.2
12	10.4	9.7	8.3	8.4	10.4	8.4	5.0	7.1	[CA]	[CA]	11.3	12.6	13.9	14.3	13.3	13.1	13.0	11.2	8.7	5.8	3.3	4.3	4.9	4.0	
13	4.9	7.3	7.3	6.1	4.5	2.0	4.3	4.7	5.0	5.5	5.2	4.9	6.0	8.1	8.4	9.5	10.1	9.2	8.8	7.2	7.2	5.9	4.5	3.7	10.1
14	3.0	2.6	2.1	1.4	2.9	2.7	2.3	3.7	4.0	8.5	11.2	11.1	11.5	10.4	11.6	10.8	9.9	8.7	8.9	10.6	10.8	8.9	7.3	4.8	11.6
15	3.2	2.4	2.9	2.2	2.5	2.7	1.9	2.5	3.8	6.1	7.3	9.7	10.0	10.1	11.1	10.1	10.3	11.0	9.8	10.8	9.7	9.6	9.5	8.9	11.1
16	20.2	9.4	12.0	11.7	11.4	14.5	15.8	13.5	9.9	9.9	10.4	5.7	3.5	5.3	4.0	3.3	5.1	5.6	5.1	3.9	4.8	5.8	6.0	5.6	20.2
17	5.6	6.0	5.8	5.9	6.5	7.6	5.9	6.8	7.2	7.2	8.5	8.4	9.5	9.4	11.8	9.6	8.7	7.6	6.0	4.7	6.1	6.7	6.3	6.2	11.8
18	6.4	6.8	7.3	6.9	7.0	6.2	6.2	5.3	7.3	7.6	9.7	12.6	12.5	12.9	13.1	12.4	10.9	9.3	6.5	6.1	6.8	7.0	7.6	7.7	13.1
19	6.5	6.4	4.9	5.1	5.3	5.6	5.7	7.0	10.1	11.5	11.4	13.5	13.6	13.9	13.4	12.3	11.6	10.9	8.8	9.2	8.8	8.6	9.6	9.2	13.9
20	9.0	9.9	9.0	9.5	9.8	9.6	9.0	8.8	8.5	7.9	9.3	10.1	11.8	13.1	14.8	13.9	13.6	12.8	11.3	10.0	8.8	8.1	8.4	6.5	14.8
21	6.4	6.6	6.9	7.9	7.9	8.7	8.8	9.7	9.1	10.2	10.1	11.2	11.2	12.3	11.8	11.3	11.0	10.7	9.2	8.2	7.8	8.2	9.2	9.0	12.3
22	8.8	8.6	10.1	8.6	9.1	10.0	10.0	11.2	10.0	10.3	8.8	9.4	11.4	10.4	10.5	11.6	10.6	10.2	10.9	9.3	10.3	9.5	9.2	9.9	11.6
23	9.5	9.2	7.9	6.9	6.6	5.8	3.8	3.3	3.9	4.1	6.2	7.3	7.8	9.9	10.4	11.1	11.8	11.0	10.8	9.4	8.9	7.9	7.3	7.7	11.8
24	7.1	6.4	5.5	5.9	6.1	5.2	5.1	5.1	4.1	4.7	8.2	10.6	11.2	11.9	12.4	12.5	12.7	11.8	10.7	10.3	10.2	9.2	10.0	10.9	12.7
25	9.9	11.6	11.1	9.0	8.5	8.3	7.6	7.7	7.8	9.2	11.1	11.6	11.4	11.6	11.4	12.0	11.9	12.0	12.0	10.1	10.0	11.0	10.0	8.7	12.0
26	9.5	9.4	8.9	8.1	9.0	8.9	8.6	9.5	9.6	9.8	10.1	9.9	11.5	12.0	12.0	13.1	11.2	9.2	8.4	5.5	6.7	7.0	6.2	5.7	13.1
27	5.6	5.7	5.7	5.6	5.4	5.3	3.6	3.1	3.9	6.3	8.8	11.4	12.3	12.0	11.5	11.3	10.3	8.9	7.2	7.6	5.6	3.3	3.4	3.2	12.3
28	1.9	3.3	2.6	2.6	2.5	2.0	1.3	2.5	4.6	5.3	7.2	7.8	11.8	12.0	15.5	11.0	8.0	7.6	6.5	6.1	7.3	7.9	6.6	4.5	15.5
29	3.8	5.5	3.3	2.1	1.7	2.1	1.9	2.5	3.4	7.4	5.9	6.9	6.3	8.2	9.0	8.4	7.4	7.2	2.2	3.7	4.2	4.7	5.4	7.6	9.0
30	8.3	7.6	7.1	7.3	8.5	8.8	8.5	8.5	7.8	8.4	10.0	10.4	10.9	10.4	12.5	10.5	8.4	10.0	11.0	11.8	10.0	9.8	9.0	8.1	12.5
31	7.1	7.0	7.3	7.8	8.2	7.6	8.2	7.6	5.6	5.3	6.1	6.0	7.7	8.0	9.4	8.3	9.3	11.4	11.2	10.3	9.5	8.3	9.3	6.5	11.4

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : July

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 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	6.8	2.8	6.2	8.0	7.3	3.7	5.7	6.9	6.3	6.3	6.4	7.1	7.7	7.9	9.6	11.8	13.2	15.2	12.0	12.2	11.1	9.7	11.1	11.1	15.2
2	10.5	10.8	9.6	10.6	9.6	8.7	8.5	7.9	7.4	7.8	9.2	9.5	11.0	13.7	15.9	15.4	15.4	15.6	14.8	12.9	11.8	11.8	12.0	11.6	15.9
3	12.0	11.7	12.7	12.4	10.7	10.8	11.8	11.0	11.4	9.8	8.9	12.5	12.5	15.4	13.5	15.9	15.2	14.7	13.7	12.0	9.9	9.9	10.1	9.6	15.9
4	9.8	8.9	9.3	7.6	6.8	6.3	7.6	5.4	5.1	4.1	4.0	5.1	5.6	6.1	5.9	6.5	6.3	12.2	10.0	8.6	7.9	9.1	9.0	7.9	12.2
5	7.7	6.3	4.1	2.5	2.8	1.8	3.2	3.0	3.2	3.3	3.6	6.5	7.3	9.8	9.3	12.2	11.8	11.9	11.7	9.1	7.3	5.3	6.2	6.1	12.2
6	4.9	4.4	1.4	2.9	2.5	1.8	4.2	5.1	4.8	3.7	4.6	7.6	6.5	10.1	9.7	11.6	11.6	11.7	11.0	8.4	8.3	8.5	7.4	8.2	11.7
7	7.3	5.8	5.8	6.8	3.0	1.9	4.2	3.8	4.2	4.7	4.1	6.1	8.7	7.6	9.1	9.1	10.0	10.3	9.7	6.8	3.3	3.2	2.0	2.0	10.3
8	2.5	1.8	2.4	2.0	2.4	2.9	2.4	4.5	6.3	6.1	6.2	6.3	6.3	9.2	10.1	11.1	11.1	11.4	11.8	8.3	8.0	5.9	6.7	4.2	11.8
9	4.1	3.2	3.7	5.2	4.3	2.2	3.8	6.6	8.0	8.1	9.9	9.7	9.4	10.7	13.7	11.4	12.7	12.2	12.0	11.1	7.6	6.4	4.3	6.6	13.7
10	5.7	6.8	5.6	4.5	1.8	4.0	4.6	4.0	5.3	6.9	6.4	8.9	10.7	11.3	13.2	11.9	12.9	13.0	10.5	10.0	9.0	6.2	5.6	3.3	13.2
11	2.2	3.1	2.6	1.9	1.6	2.8	1.1	2.1	8.0	13.6	11.2	13.5	14.1	14.5	14.9	14.0	14.0	13.0	13.3	7.7	6.7	7.1	6.5	6.0	14.9
12	7.4	8.1	6.9	5.4	2.0	5.7	6.4	5.6	9.7	10.5	10.1	11.3	11.1	13.1	12.0	13.6	14.6	12.9	11.6	9.7	8.8	7.6	8.3	7.7	14.6
13	7.2	8.1	4.4	2.5	1.7	1.9	1.8	5.1	4.5	4.2	4.9	6.0	5.6	6.2	4.9	5.1	4.1	5.2	3.5	7.3	6.7	6.8	7.7	6.4	8.1
14	3.0	2.0	1.6	2.0	1.8	2.1	1.6	2.5	2.7	3.1	5.0	6.3	6.6	5.7	5.9	6.2	8.0	5.5	9.7	7.8	5.3	3.7	5.1	4.9	9.7
15	5.9	4.1	2.7	1.7	2.5	2.0	1.9	2.7	2.8	3.5	3.1	5.0	5.9	5.2	7.7	9.3	12.4	7.3	6.3	5.5	7.6	8.7	9.8	8.9	12.4
16	9.1	7.6	5.4	7.1	7.7	8.2	8.4	15.9	14.3	8.9	10.1	8.9	8.3	6.5	6.9	6.1	5.5	4.6	3.4	1.4	2.2	1.7	2.5	2.3	15.9
17	2.3	1.5	1.4	1.5	1.2	1.2	1.8	3.6	3.5	4.8	4.2	4.8	7.3	8.8	7.6	4.5	5.8	8.2	10.9	9.0	6.9	6.3	5.4	2.7	10.9
18	2.7	3.3	2.5	2.2	3.8	1.7	3.8	6.2	6.0	5.5	6.7	7.8	8.7	10.1	11.5	14.2	13.9	12.4	10.9	8.3	5.2	4.8	4.5	4.0	14.2
19	6.0	5.2	2.3	2.7	3.3	3.5	3.3	4.2	5.6	5.2	7.1	7.9	10.3	11.2	11.7	11.6	12.0	11.9	11.0	8.3	8.1	8.0	7.4	8.6	12.0
20	9.2	7.6	6.0	3.8	6.5	6.1	5.5	6.0	5.6	8.5	9.4	9.2	9.9	10.2	12.0	9.9	10.0	13.2	12.2	10.1	8.9	10.0	8.9	9.5	13.2
21	9.9	9.4	8.2	8.7	9.5	9.4	9.5	9.7	9.4	8.5	9.3	9.8	13.6	13.6	15.5	14.7	13.8	13.9	11.9	10.7	11.7	11.9	10.0	10.7	15.5
22	9.2	9.3	8.9	10.2	11.7	10.9	12.4	11.0	10.5	11.0	11.1	11.3	11.4	13.8	11.9	14.5	13.5	13.6	11.4	12.0	11.7	11.3	9.8	10.4	14.5
23	10.7	10.3	7.8	7.3	6.6	5.4	6.1	5.5	4.5	4.3	3.9	3.9	6.1	5.3	4.3	6.7	6.8	9.8	9.8	8.7	7.7	9.5	8.8	8.0	10.7
24	6.8	7.1	4.6	4.9	3.8	2.2	4.0	3.5	3.3	4.7	6.1	6.2	9.4	8.7	7.9	8.6	10.3	11.0	12.7	10.0	9.0	8.1	8.9	7.4	12.7
25	7.1	5.8	5.1	5.0	3.8	2.4	2.5	3.0	4.5	4.7	5.5	5.0	5.3	4.8	6.1	6.3	8.2	10.1	11.0	9.9	8.9	4.2	3.4	2.8	11.0
26	5.6	5.2	1.7	4.0	1.8	1.7	1.2	1.6	3.9	4.6	5.8	5.3	7.4	8.4	9.3	11.7	13.3	11.5	9.3	6.9	3.9	4.6	6.5	2.9	13.3
27	3.6	5.1	2.3	2.7	2.9	2.2	1.3	1.6	2.5	4.1	5.3	7.2	7.2	9.5	11.4	12.5	10.8	13.1	9.8	8.3	5.3	5.9	4.3	2.7	13.1
28	2.2	2.5	2.5	1.5	2.0	1.8	1.3	2.7	2.9	3.0	2.9	4.2	5.3	6.6	9.3	10.6	10.4	11.4	11.1	6.1	4.2	4.3	5.6	6.2	11.4
29	4.5	2.0	3.3	3.0	3.3	2.4	2.2	4.1	3.8	4.2	7.0	6.2	7.3	9.0	8.9	10.6	21.8	12.4	26.1	3.0	2.2	1.9	2.5	3.4	26.1
30	2.7	2.4	2.5	3.9	3.6	2.5	3.6	4.7	3.8	5.3	6.8	7.1	8.4	10.9	10.7	10.0	12.6	12.9	11.4	8.3	8.4	7.8	7.2	7.4	12.9
31	5.7	6.0	6.2	3.1	2.0	1.6	4.2	4.2	3.1	4.4	5.7	6.0	5.7	4.9	5.1	4.6	4.4	6.6	10.6	7.6	8.6	8.6	7.1	6.5	10.6

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : July

ELEVATION : 1602 feet

LONGITUDE : 118 degrees 24 minutes 30 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	6.5	5.6	6.0	5.2	3.9	3.2	4.0	4.3	4.8	6.1	4.9	5.3	5.7	7.2	7.2	7.4	7.2	5.8	4.1	3.3	3.2	3.9	3.9	2.5	7.4
2	2.4	2.5	1.5	2.2	1.9	1.2	2.7	3.6	4.4	4.4	5.1	5.4	5.6	4.6	4.4	3.7	3.7	3.2	3.1	4.6	4.1	4.6	4.7	5.1	5.6
3	4.1	3.4	4.2	4.4	4.7	5.1	3.9	4.2	3.3	3.8	4.6	5.2	5.5	7.1	8.5	8.1	8.4	8.4	8.1	7.6	4.3	3.7	2.8	2.2	8.5
4	4.1	4.9	4.6	5.3	4.1	3.4	3.7	5.0	4.8	6.8	4.9	3.2	6.4	4.2	5.1	5.1	5.8	5.0	2.8	2.8	2.4	2.5	3.1	2.7	6.8
5	2.9	2.7	2.7	2.9	3.6	3.0	3.6	3.3	2.5	3.5	3.3	4.1	4.6	3.7	4.8	5.0	4.2	4.6	3.6	3.8	4.8	4.1	4.2	3.4	5.0
6	3.5	2.2	2.3	2.8	2.4	3.7	2.7	2.6	2.9	4.9	5.2	4.5	4.0	4.4	4.0	3.7	3.8	3.4	2.6	2.8	2.6	4.0	4.9	2.9	5.2
7	3.8	5.0	5.2	5.5	6.0	4.3	3.1	4.5	3.5	4.1	4.1	3.3	4.4	4.0	3.7	4.7	3.5	3.1	1.5	2.0	2.1	1.9	1.5	1.8	6.0
8	1.9	2.2	2.3	3.3	3.0	2.9	2.9	4.7	4.8	4.8	4.3	3.7	3.6	3.6	3.3	2.8	2.4	3.9	2.9	3.8	4.2	3.4	1.7	2.7	4.8
9	2.6	2.3	2.2	3.9	1.9	1.8	3.3	3.0	3.7	2.7	3.3	3.5	3.4	5.1	5.2	6.3	6.8	6.6	5.5	5.9	6.0	6.0	5.4	6.8	6.8
10	6.3	6.9	7.8	8.1	6.4	5.5	5.5	6.5	4.9	7.2	8.4	8.6	8.9	8.3	9.2	9.2	8.6	7.9	6.9	8.1	8.9	8.6	10.5	9.5	10.5
11	9.7	8.5	9.7	8.0	9.0	7.2	6.5	3.8	3.5	4.0	4.6	5.8	6.9	6.7	7.3	8.3	8.8	8.1	7.8	10.5	10.3	7.9	5.3	2.5	10.5
12	5.4	6.6	4.8	3.5	3.4	3.6	2.4	2.7	3.0	5.2	5.0	5.7	6.6	5.5	5.5	4.9	4.3	3.7	4.6	5.2	4.6	3.9	4.1	4.1	6.6
13	3.9	3.0	4.8	4.5	4.4	4.0	5.9	5.8	5.2	5.3	5.0	4.9	[CA]	[CA]	[CA]	4.3	6.1	6.0	5.7	5.1	4.6	4.3	3.7	2.1	
14	2.2	2.6	3.0	3.3	2.7	2.0	1.9	2.6	3.8	3.2	2.8	3.8	3.8	4.2	4.0	3.6	3.2	2.7	2.2	2.7	3.2	3.3	2.3	1.4	4.2
15	1.4	2.2	3.4	3.4	2.1	2.5	2.5	4.9	2.8	3.5	3.8	3.5	3.3	3.9	4.0	3.4	3.3	2.5	3.2	3.1	3.4	4.4	4.7	4.4	4.9
16	6.2	11.3	5.7	14.6	7.4	10.6	12.3	12.8	14.5	13.4	4.0	3.2	4.7	4.5	5.4	4.3	4.4	3.7	3.0	3.3	3.4	2.9	2.5	2.5	14.6
17	3.2	3.3	3.4	5.0	3.7	3.3	4.8	3.4	5.9	5.0	5.4	6.1	[CA]	[CA]	5.1	4.9	4.8	4.7	4.7	6.8	5.4	6.8	5.5	3.9	
18	2.3	2.3	2.4	3.0	2.7	2.8	2.2	2.5	2.6	2.9	3.7	4.5	5.3	5.4	5.6	4.5	4.5	5.4	5.5	6.2	4.2	3.3	3.1	3.3	6.2
19	2.9	4.0	3.8	3.4	3.5	3.5	3.2	2.5	3.5	4.0	4.7	5.4	6.2	6.1	5.9	6.3	5.8	5.9	5.8	6.5	6.5	4.5	3.5	2.8	6.5
20	2.5	2.6	2.0	1.6	2.0	2.4	2.5	2.2	2.6	4.3	4.7	5.1	4.7	4.8	5.1	5.1	5.2	5.1	4.8	5.0	4.7	4.2	3.8	3.2	5.2
21	3.4	2.7	2.4	2.5	2.5	3.0	2.3	2.0	3.0	4.3	4.1	4.2	4.3	4.9	5.1	3.9	5.4	6.1	4.2	5.0	5.0	4.4	3.1	2.5	6.1
22	2.5	1.4	2.1	3.0	2.4	2.0	2.0	3.8	3.6	4.0	4.2	4.6	4.4	5.8	6.0	5.2	4.5	4.0	4.9	4.1	3.7	3.7	2.6	3.6	6.0
23	4.0	3.8	3.9	3.2	3.3	2.7	2.4	2.5	3.3	4.0	3.8	4.1	5.0	5.7	4.9	3.8	4.5	4.8	4.4	3.4	2.9	1.7	2.3	2.7	5.7
24	4.0	4.0	3.5	3.5	2.7	2.9	2.5	2.5	3.0	3.3	4.1	3.9	4.3	4.6	[CA]	[CA]	4.2	3.2	4.7	3.8	3.9	3.4	2.3	1.7	
25	1.8	2.4	1.9	2.6	3.2	2.2	1.8	2.3	3.8	3.6	3.8	4.5	4.6	4.1	4.4	3.5	2.9	2.5	2.1	1.7	1.8	2.7	1.9	1.9	4.6
26	2.5	1.9	2.5	3.1	3.5	4.3	3.0	2.7	3.1	3.9	3.4	2.8	3.0	3.5	3.2	2.9	3.1	3.6	3.4	3.9	2.0	1.2	1.8	1.8	4.3
27	2.4	2.0	2.6	2.9	3.8	3.8	3.4	3.1	3.2	3.9	4.3	4.5	5.4	5.9	7.6	7.3	6.4	8.6	9.8	8.5	7.6	7.6	7.9	7.2	9.8
28	6.8	6.7	6.0	6.0	6.8	8.1	7.1	7.3	6.9	6.1	6.8	7.3	6.0	8.0	9.0	10.1	11.9	12.4	12.4	12.8	12.3	13.5	13.0	10.9	13.5
29	12.2	10.1	10.9	7.4	6.4	5.7	5.0	4.2	4.6	4.5	3.3	4.0	4.9	4.0	3.1	3.2	2.5	2.7	4.6	3.9	5.7	5.1	3.5	5.8	12.2
30	6.0	5.7	9.8	8.2	9.1	8.1	7.4	6.1	6.1	6.9	4.5	4.0	4.4	4.1	3.7	3.2	2.9	2.3	3.9	4.2	3.8	5.9	5.7	4.9	9.8
31	4.1	5.3	7.2	7.3	5.6	4.7	6.4	5.5	5.5	4.4	3.4	3.4	3.8	3.7	3.8	3.6	3.1	3.2	2.2	2.3	1.3	1.6	1.9	1.6	7.3

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : July

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	8.7	8.9	11.9	10.6	8.8	6.8	10.4	9.3	11.1	10.3	10.4	8.8	10.6	10.8	10.2	12.4	12.2	13.3	13.9	13.9	13.7	12.9	11.0	8.9	13.9
2	8.1	9.8	10.8	9.9	8.5	10.2	7.7	7.8	8.3	8.5	8.3	9.9	10.5	14.2	15.2	17.1	19.2	21.2	20.0	18.0	16.3	15.9	15.8	15.7	21.2
3	16.5	17.9	15.2	14.7	14.7	13.9	14.0	15.7	14.0	13.1	12.7	11.4	14.7	15.6	17.6	21.2	22.3	20.8	20.0	19.0	15.9	16.4	16.5	16.6	22.3
4	13.6	13.7	10.1	9.7	9.2	10.1	7.3	6.3	6.8	6.1	4.3	5.9	4.9	5.3	6.9	6.2	7.3	5.5	6.3	13.9	10.6	11.3	10.9	11.5	13.9
5	12.0	10.1	7.5	6.4	7.9	7.2	7.3	5.6	4.6	4.0	4.5	4.9	7.4	7.8	9.0	10.4	10.7	12.1	13.8	11.5	10.2	7.9	7.9	7.7	13.8
6	7.3	7.3	6.9	6.8	6.4	5.6	6.6	6.1	5.2	4.9	5.6	9.0	12.6	13.0	15.7	14.9	14.2	14.3	12.7	14.7	15.5	10.7	8.1	9.9	15.7
7	9.9	8.9	7.9	6.5	4.5	4.7	5.4	4.8	4.7	4.4	5.5	6.9	6.0	9.7	11.5	9.5	9.8	11.1	14.1	9.7	7.6	6.6	7.9	8.2	14.1
8	7.9	7.0	5.9	5.5	7.8	7.9	8.7	7.8	8.3	8.2	7.2	7.1	9.6	11.4	11.5	11.3	10.3	12.1	12.5	12.1	10.3	9.5	11.8	11.5	12.5
9	9.2	9.6	9.7	7.4	6.6	7.0	7.7	7.2	8.1	7.6	8.6	8.4	9.5	10.7	10.6	12.1	11.7	12.1	10.8	11.8	10.4	11.5	11.5	12.4	12.4
10	10.9	10.0	10.6	7.9	7.5	7.0	7.4	4.0	6.4	5.8	7.9	7.2	7.1	9.0	6.9	9.3	11.9	13.6	12.6	9.3	9.5	7.9	8.6	7.9	13.6
11	7.8	6.6	5.9	6.6	7.7	7.3	6.0	6.5	7.7	9.9	8.1	10.9	10.3	11.5	12.9	16.1	17.6	15.4	14.3	13.3	10.8	5.3	6.1	8.7	17.6
12	8.1	9.4	9.0	7.6	6.6	6.6	8.1	8.7	10.2	8.9	8.8	11.1	10.5	12.9	15.0	13.3	14.5	14.8	14.4	12.5	12.7	11.7	10.2	11.1	15.0
13	12.5	7.9	4.6	7.7	9.9	8.5	7.2	5.9	7.0	5.6	5.2	5.3	5.5	6.0	7.2	7.2	5.7	4.4	4.3	3.4	10.4	10.7	7.7	7.5	12.5
14	7.7	7.6	6.8	6.1	6.1	5.1	5.3	5.1	5.3	4.8	6.6	6.2	7.2	7.9	5.2	6.2	5.1	5.8	3.3	2.4	9.4	7.3	7.3	9.9	9.9
15	10.3	9.6	7.4	7.9	6.2	6.6	6.3	5.9	7.1	4.7	4.1	6.3	7.8	10.5	10.1	14.0	11.6	8.9	15.2	13.4	9.6	8.6	9.8	9.5	15.2
16	9.3	10.1	8.1	7.3	9.1	5.8	6.3	10.0	10.6	11.7	5.9	10.7	9.6	7.3	6.5	8.2	7.3	7.0	7.1	7.2	5.3	5.7	5.1	3.9	11.7
17	4.2	4.6	4.5	6.5	7.4	7.1	5.9	5.5	4.7	4.6	6.8	9.9	9.3	14.7	12.9	12.5	12.2	12.5	13.3	10.9	8.8	8.8	8.2	6.7	14.7
18	6.7	6.5	6.0	6.6	6.6	4.3	4.8	5.1	6.5	7.7	8.5	11.0	15.6	20.1	17.7	18.5	17.6	14.4	12.6	11.7	11.8	9.0	9.3	8.2	20.1
19	7.1	7.3	7.7	7.4	7.4	5.3	4.4	6.3	7.2	8.2	7.9	10.1	13.3	14.1	15.3	14.4	15.6	14.8	12.8	12.2	11.1	11.0	10.4	12.1	15.6
20	10.3	7.7	8.3	7.8	8.1	7.3	6.1	6.6	8.1	7.5	9.4	8.2	10.4	10.7	11.5	12.7	13.6	13.2	12.5	12.7	13.4	13.6	13.3	11.5	13.6
21	11.5	12.8	11.1	10.7	10.9	11.5	10.2	10.2	11.1	12.3	12.2	14.3	14.7	15.4	15.5	16.4	16.7	17.9	18.9	16.8	16.2	17.1	16.9	14.4	18.9
22	15.9	14.5	15.7	15.8	17.2	13.6	7.7	11.1	11.5	9.5	11.5	11.9	12.5	14.4	15.8	14.7	14.3	15.4	15.2	14.2	14.9	13.5	16.1	10.2	17.2
23	11.1	11.4	11.8	10.5	10.3	10.3	9.4	5.9	5.3	5.3	5.3	4.9	7.5	5.5	7.4	6.5	6.2	5.7	4.8	10.6	8.1	8.5	9.4	10.2	11.8
24	9.0	9.4	7.9	7.3	8.5	6.8	7.4	7.9	7.3	6.7	6.0	6.2	7.9	7.6	6.7	6.7	6.1	7.5	13.2	11.5	9.6	12.8	11.5	12.8	13.2
25	11.4	9.4	8.5	9.3	9.1	5.7	4.8	6.2	7.4	6.1	5.8	6.6	6.4	7.4	7.3	8.4	9.0	8.1	8.9	13.5	11.7	11.3	10.1	8.8	13.5
26	7.2	7.7	7.6	9.5	9.0	9.0	5.2	6.4	6.1	5.1	6.2	6.1	8.1	7.9	8.8	9.0	12.5	12.6	11.5	11.1	9.8	6.3	6.4	5.6	12.6
27	5.3	5.2	4.8	4.4	4.8	4.5	3.2	3.9	4.7	4.6	4.6	6.8	8.9	12.3	12.1	11.1	10.6	14.7	12.5	11.5	8.3	7.3	5.7	4.9	14.7
28	5.6	7.3	7.1	5.4	5.0	5.5	5.3	5.3	4.8	4.2	5.1	5.2	6.2	7.4	9.1	7.8	7.4	10.8	12.7	9.9	9.1	6.9	6.9	6.2	12.7
29	6.7	6.1	5.5	5.9	7.1	6.8	7.9	6.5	5.6	5.7	4.8	6.6	7.4	6.2	8.7	11.4	22.1	16.0	17.1	15.4	8.9	7.4	7.8	6.6	22.1
30	6.3	6.3	6.1	5.4	7.0	7.2	6.4	5.6	6.5	6.4	7.3	7.4	9.1	12.3	14.8	16.5	16.4	15.2	13.7	11.5	11.3	7.9	9.3	8.5	16.5
31	8.6	8.5	8.5	5.8	7.1	6.5	6.3	5.0	4.2	4.3	5.9	6.4	4.6	6.1	8.3	7.5	7.0	5.4	6.5	11.5	9.8	10.0	9.0	10.4	11.5

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : July

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	5.1	6.0	3.5	7.5	6.7	5.9	5.2	2.5	4.7	4.5	4.5	5.2	6.0	6.8	7.4	7.0	7.7	8.2	10.4	12.4	11.8	9.9	9.1	6.3	12.4
2	6.2	5.0	6.2	5.0	6.4	7.1	7.4	8.8	9.4	11.6	7.4	7.8	12.0	15.1	12.1	13.8	12.8	13.8	12.2	12.1	13.9	13.3	11.7	11.1	15.1
3	11.7	6.3	7.6	6.2	4.5	8.4	13.6	14.8	14.9	12.6	11.6	10.6	15.4	10.6	11.3	14.3	14.2	15.2	14.7	14.3	11.3	11.8	11.7	14.1	15.4
4	10.2	10.4	8.8	7.1	6.3	7.7	2.3	3.3	6.4	6.8	6.2	6.6	6.6	5.8	9.2	7.1	7.0	7.2	8.4	3.0	3.3	11.3	12.7	11.3	12.7
5	7.4	6.1	6.8	8.3	8.2	7.3	6.5	6.6	5.1	3.7	7.3	10.5	10.2	11.6	20.0	10.3	10.9	8.9	11.0	9.1	10.0	8.5	7.9	4.8	20.0
6	5.4	4.4	4.1	3.7	3.5	3.4	2.0	4.0	7.5	8.6	9.1	13.2	15.0	13.4	14.1	13.9	11.6	10.4	10.1	7.6	8.1	7.1	5.7	3.3	15.0
7	3.6	7.7	7.6	8.8	7.9	6.5	7.8	6.5	5.3	4.0	7.8	8.1	10.8	9.8	7.9	9.8	10.8	9.6	7.2	10.0	9.3	8.3	7.1	7.9	10.8
8	8.7	9.0	9.5	9.7	9.2	10.3	10.0	9.7	9.5	6.1	6.0	5.3	5.7	5.2	9.0	8.8	9.0	8.7	8.1	11.1	12.2	12.0	8.4	8.2	12.2
9	8.1	7.4	6.2	6.6	6.5	6.5	6.4	5.4	3.6	5.3	5.6	5.5	4.8	3.2	4.2	9.9	7.3	7.7	5.4	10.6	13.7	12.9	12.1	5.6	13.7
10	4.4	4.8	7.9	7.0	4.9	5.1	5.8	6.2	2.8	3.8	3.4	6.5	8.1	7.9	6.2	9.5	8.1	16.3	5.4	6.4	8.4	9.2	5.4	7.1	16.3
11	8.2	7.1	5.8	5.5	5.7	6.7	7.2	5.6	4.9	4.8	4.7	6.7	7.2	9.3	12.2	10.0	10.0	11.3	11.4	10.2	6.9	7.0	5.0	4.4	12.2
12	7.2	8.3	9.2	10.3	9.2	7.1	7.8	7.9	7.4	3.9	4.2	5.3	6.8	7.9	9.0	8.6	9.5	11.0	11.3	11.1	12.0	9.0	7.9	9.1	12.0
13	7.3	7.9	9.3	9.8	9.0	9.4	9.7	9.8	8.5	7.9	5.8	5.9	5.7	7.1	5.4	7.0	5.0	6.7	5.0	3.0	3.7	3.4	3.3	8.7	9.8
14	7.1	7.8	8.7	8.7	8.5	7.2	7.0	8.4	6.7	4.3	5.8	7.5	10.3	8.1	7.8	10.5	6.4	6.6	5.5	4.2	5.7	4.8	4.0	7.1	10.5
15	8.1	6.2	6.2	6.8	6.4	7.9	7.0	7.1	7.2	6.1	7.8	5.6	6.4	9.1	10.4	8.7	9.0	9.1	7.9	15.4	10.6	11.6	11.0	6.3	15.4
16	8.5	11.7	11.1	11.1	13.4	14.1	12.2	7.1	11.8	12.7	11.4	10.0	4.9	7.3	8.2	8.6	8.5	6.5	5.3	4.0	3.8	4.6	4.8	5.4	14.1
17	6.1	5.7	5.5	5.9	6.8	5.4	5.9	7.0	5.5	4.5	4.7	6.2	4.9	6.7	6.3	6.8	7.0	5.8	6.8	6.4	6.5	7.1	6.9	6.3	7.1
18	6.8	7.1	4.8	4.4	4.7	6.6	6.9	7.0	3.6	5.2	5.3	5.6	8.4	6.8	5.2	8.9	9.7	9.7	10.2	10.9	10.0	10.2	5.6	5.6	10.9
19	5.4	4.5	5.2	6.0	7.9	9.0	8.1	7.6	5.8	5.2	4.7	9.2	7.9	5.8	10.7	10.0	9.1	9.4	9.4	6.4	5.4	7.9	7.9	6.3	10.7
20	4.3	7.1	7.5	7.1	7.4	6.5	6.8	5.8	4.5	4.8	6.3	7.4	7.2	7.9	5.8	7.2	6.6	5.4	9.0	9.5	9.1	8.8	9.1	6.3	9.5
21	6.6	4.9	2.5	3.0	4.6	6.5	6.3	5.4	8.1	10.8	7.0	7.8	7.9	8.9	11.9	9.7	8.3	11.1	11.1	11.3	12.2	12.5	10.1	6.7	12.5
22	7.9	5.1	4.8	5.0	4.8	4.3	4.7	7.7	7.8	10.4	10.0	9.2	8.1	9.1	7.9	10.8	11.0	10.8	10.8	10.6	10.9	9.4	8.1	7.2	11.0
23	5.5	7.3	7.0	7.5	6.3	5.4	6.4	5.7	3.4	3.8	5.0	6.1	4.2	6.1	7.0	7.5	6.4	5.5	5.8	5.7	6.8	6.9	7.1	6.0	7.5
24	7.9	8.3	8.4	8.7	8.6	8.7	8.1	8.1	6.6	4.9	4.7	8.3	7.9	7.2	7.6	7.2	7.9	7.9	6.6	7.8	7.3	8.7	6.6	9.7	9.7
25	10.5	10.2	8.1	9.0	9.4	7.9	7.4	7.7	6.4	3.2	9.2	7.9	8.4	7.5	9.0	8.4	8.1	8.4	8.5	9.9	9.3	4.8	5.4	8.1	10.5
26	9.3	7.9	7.9	6.2	7.8	7.8	7.3	7.4	6.6	4.1	3.6	4.8	5.4	5.5	7.2	8.9	9.7	10.0	11.0	8.3	6.7	5.6	6.9	7.0	11.0
27	6.6	6.7	5.0	4.8	5.0	5.2	5.4	5.4	4.7	4.2	5.3	3.8	6.1	5.4	7.3	11.5	10.7	11.4	8.7	5.5	8.2	8.8	11.8	7.9	11.8
28	4.8	6.2	4.0	6.9	6.5	7.5	8.1	7.8	7.7	7.1	8.4	7.7	9.0	7.9	8.7	7.5	6.5	7.4	4.3	4.3	15.0	15.0	11.6	9.1	15.0
29	9.5	8.1	8.5	8.4	6.5	5.8	6.2	7.3	7.4	6.6	5.0	5.4	5.2	5.8	7.7	10.1	13.0	10.9	15.3	11.6	7.2	6.5	4.6	3.0	15.3
30	5.4	4.7	4.9	5.4	8.1	6.5	6.3	7.3	5.9	4.5	4.5	6.8	13.8	15.9	9.8	11.5	8.9	8.9	10.4	8.7	8.4	7.7	7.9	6.4	15.9
31	6.6	6.4	6.1	7.7	8.1	7.9	8.1	8.1	4.4	5.4	5.3	4.4	4.6	4.8	5.9	4.1	6.8	6.1	3.7	5.4	4.9	8.5	8.8	6.9	8.8

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 : July

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	10.6	10.9	8.6	7.3	7.9	8.2	8.6	9.7	8.9	9.0	7.6	8.9	10.4	11.9	13.4	14.5	13.8	12.9	12.7	11.2	11.3	8.4	10.1	10.0	14.5
2	9.0	8.3	9.6	7.6	8.0	9.2	10.0	9.5	10.2	11.8	12.2	13.1	15.1	16.3	17.3	17.3	17.4	16.8	16.0	13.9	15.3	11.7	12.7	12.0	17.4
3	11.8	11.1	11.4	10.1	11.0	14.7	11.5	10.3	9.4	10.5	8.7	9.4	10.6	11.3	12.0	11.9	12.4	12.2	12.0	12.9	11.1	10.9	12.9	9.0	14.7
4	11.4	12.5	11.8	8.3	3.7	3.5	2.1	2.5	4.9	4.9	5.5	7.1	5.3	8.6	11.4	12.3	12.8	13.1	6.7	5.3	3.2	2.4	3.0	3.4	13.1
5	3.2	3.2	2.9	2.9	3.1	2.6	1.8	2.1	2.3	3.1	4.4	4.1	10.5	12.0	12.7	13.7	12.5	13.0	12.4	13.2	12.5	3.0	3.4	5.1	13.7
6	4.6	5.0	3.6	3.0	3.0	3.0	2.9	3.4	4.0	4.7	5.6	11.3	10.4	14.4	10.6	11.2	10.7	11.4	14.1	12.6	7.3	5.0	5.1	3.5	14.4
7	2.3	2.1	3.0	3.0	3.0	3.0	1.7	2.2	3.4	4.5	4.0	11.4	12.4	9.3	9.2	10.7	11.4	11.5	11.0	11.5	9.7	2.5	4.3	3.2	12.4
8	3.8	5.3	5.1	5.9	6.6	4.7	2.3	3.2	5.6	6.1	8.7	8.7	9.6	11.6	11.4	12.4	13.1	13.8	14.9	10.3	7.2	4.6	4.9	3.4	14.9
9	3.7	4.7	4.5	2.9	4.7	4.3	3.2	3.1	7.3	8.2	8.6	9.1	11.9	12.0	12.4	12.4	12.4	11.1	10.4	11.9	9.4	6.0	2.5	3.9	12.4
10	4.3	3.9	3.8	3.0	3.4	3.3	1.8	2.7	3.6	6.4	10.5	11.0	12.8	13.9	14.4	16.7	16.7	14.6	14.3	6.8	4.1	3.8	7.3	7.3	16.7
11	5.6	2.6	3.5	2.4	2.0	6.2	8.9	11.2	10.6	11.7	12.4	13.1	12.5	12.8	12.4	12.8	12.4	12.3	10.0	7.7	8.6	7.9	5.7	6.7	13.1
12	7.2	6.4	6.4	7.3	4.1	3.2	2.7	2.6	3.5	5.9	7.9	9.5	11.2	11.0	12.0	11.6	10.4	10.5	10.5	6.5	6.2	3.0	2.9	2.5	12.0
13	4.0	3.9	3.8	2.2	3.1	2.8	2.0	3.3	3.6	4.7	5.0	5.7	4.7	6.2	5.8	6.2	8.7	7.6	7.6	7.4	2.7	2.2	1.8	2.5	8.7
14	2.6	3.2	3.2	2.5	3.5	3.3	1.3	2.0	2.9	3.5	4.7	5.3	5.6	5.6	7.6	9.1	8.3	10.2	11.0	10.8	9.9	4.2	6.5	4.1	11.0
15	3.9	5.2	5.0	3.4	2.3	3.0	1.6	1.7	3.4	3.4	6.6	6.0	5.0	10.5	12.5	12.5	11.7	12.6	11.5	13.5	13.3	13.1	12.4	11.3	13.5
16	11.3	9.7	15.8	15.3	15.0	15.0	14.9	13.9	13.3	11.5	11.7	14.5	11.8	6.1	5.9	4.8	4.3	4.2	3.5	3.2	2.8	3.0	3.1	3.1	15.8
17	3.2	3.3	3.2	2.6	2.1	1.8	2.4	2.6	4.0	4.6	3.9	6.0	7.3	12.0	10.2	11.4	10.2	10.8	9.9	10.1	10.3	9.4	7.6	2.7	12.0
18	2.6	8.6	4.3	1.7	2.3	2.3	2.2	2.9	6.1	8.3	9.3	12.5	10.4	11.4	13.5	11.2	10.9	9.6	7.3	6.6	3.4	3.1	3.3	5.4	13.5
19	5.7	7.1	2.8	3.5	4.0	1.9	7.1	7.8	9.0	10.0	10.3	10.8	11.4	10.7	10.3	12.0	9.4	9.1	10.4	11.9	12.8	10.7	10.2	9.7	12.8
20	4.4	5.7	2.9	3.0	2.6	2.8	2.6	7.3	9.0	11.1	12.7	13.5	14.5	12.6	13.1	14.9	12.0	13.1	12.6	9.4	10.2	8.2	6.2	7.6	14.9
21	6.4	7.3	7.4	7.7	7.1	5.9	9.9	12.0	12.9	12.3	12.2	13.0	11.1	12.0	12.0	13.2	11.5	10.1	11.0	7.7	8.5	9.7	10.7	8.5	13.2
22	8.6	7.6	8.4	10.1	11.3	11.1	11.6	10.6	8.8	7.8	9.1	8.7	8.5	9.1	10.7	10.6	9.3	9.1	6.5	6.5	5.0	6.4	5.8	7.1	11.6
23	6.8	7.3	4.6	8.3	5.4	5.9	4.9	2.2	2.5	4.6	3.8	3.8	5.7	6.0	8.5	8.8	9.4	11.7	11.9	10.7	3.3	3.6	4.8	8.3	11.9
24	5.5	7.0	7.1	3.3	3.7	3.9	2.4	3.0	3.3	3.9	5.7	7.3	9.6	8.2	11.8	12.7	13.1	14.0	14.5	7.1	5.9	5.2	2.8	4.1	14.5
25	3.9	4.7	5.7	5.4	3.8	4.6	6.1	3.6	3.7	4.6	4.7	6.0	10.4	8.4	10.0	10.2	12.6	12.9	13.3	14.0	13.6	4.3	4.6	6.1	14.0
26	3.8	3.2	3.2	2.7	3.9	3.8	2.3	1.9	3.9	3.6	4.1	7.8	9.3	11.3	13.6	10.7	9.7	9.5	8.7	6.7	2.4	4.2	3.8	2.4	13.6
27	3.1	3.0	3.1	3.1	2.7	4.8	4.3	3.0	3.3	6.7	7.7	8.9	12.9	10.8	11.5	12.4	10.3	9.9	9.0	9.5	8.5	5.5	2.7	3.1	12.9
28	3.0	3.2	3.2	3.2	3.3	2.5	2.0	2.3	2.8	3.2	4.0	5.4	6.3	9.6	9.9	12.2	13.0	12.0	10.0	6.0	6.1	3.1	3.0	3.2	13.0
29	3.2	3.4	3.0	2.8	3.0	2.3	2.9	3.2	2.8	3.2	4.9	5.5	7.7	9.1	10.9	11.2	11.6	11.2	6.4	4.6	3.0	3.2	3.1	3.7	11.6
30	4.8	3.4	5.2	4.5	4.4	5.9	5.9	2.6	6.6	6.0	6.6	11.2	12.4	12.4	12.5	11.8	12.2	13.4	13.2	8.3	7.8	8.8	8.2	7.3	13.4
31	7.3	7.2	7.3	4.2	2.1	2.4	3.5	4.9	2.5	3.4	5.0	4.0	5.1	11.4	8.0	10.8	9.9	8.2	8.2	10.6	11.0	7.8	7.6	6.8	11.4

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : July

ELEVATION : 4482 feet

LONGITUDE : 117 degrees 17 minutes 20 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	16.1	13.9	11.7	11.1	13.7	14.4	11.8	10.5	12.0	9.9	10.5	11.1	12.3	12.6	13.2	14.2	13.3	12.6	11.5	12.8	11.9	11.0	12.7	14.4	16.1
2	14.0	15.6	13.7	12.6	11.9	12.6	11.7	9.0	9.3	8.6	8.3	11.0	13.3	15.6	16.1	14.4	16.4	14.1	14.1	10.1	12.0	13.0	13.3	15.0	16.4
3	16.7	18.4	17.0	16.9	16.3	15.7	15.2	14.1	11.4	12.3	11.4	13.4	14.7	15.2	15.2	17.8	17.9	19.0	17.6	18.0	17.8	15.0	16.5	15.6	19.0
4	14.4	12.8	10.5	10.4	8.4	6.2	3.3	3.4	4.0	4.8	6.6	5.9	7.7	7.3	10.2	8.8	8.2	9.5	13.4	11.4	12.3	11.5	12.8	13.2	14.4
5	12.4	11.9	8.7	7.6	7.3	6.8	3.7	2.9	3.1	5.1	8.5	12.5	14.2	13.6	13.5	13.2	12.4	15.5	12.5	11.5	10.1	5.0	4.0	3.6	15.5
6	3.7	4.4	4.2	3.9	2.6	2.8	3.1	2.7	3.7	9.9	17.1	15.9	17.6	16.5	14.7	13.9	14.4	15.0	13.3	14.3	14.7	15.1	10.5	8.7	17.6
7	10.7	7.2	6.9	7.3	6.2	4.3	3.8	3.6	3.4	9.9	12.2	14.1	14.3	12.2	11.7	14.0	13.8	15.1	11.8	7.5	5.5	6.4	6.8	7.8	15.1
8	8.1	7.2	9.3	9.4	12.1	12.6	8.6	8.1	8.5	7.6	10.3	12.5	12.5	11.7	11.7	12.1	11.5	12.8	11.6	9.8	8.1	5.7	5.1	3.5	12.8
9	6.8	10.0	9.0	7.7	7.3	2.7	4.2	4.8	4.4	4.8	5.3	5.9	9.2	12.2	12.3	11.9	10.3	8.4	6.1	8.8	8.3	4.8	4.5	5.1	12.3
10	5.7	6.3	7.2	6.3	6.6	5.1	5.2	4.3	7.7	5.2	5.1	11.4	11.1	12.6	11.9	12.3	11.4	10.0	9.4	8.8	8.6	8.5	9.4	9.7	12.6
11	9.9	7.8	7.8	6.0	6.0	5.5	4.0	4.8	5.8	6.9	9.1	10.9	15.5	15.1	14.4	14.5	16.7	15.6	13.8	10.6	10.3	10.4	9.3	11.9	16.7
12	10.2	8.9	9.6	10.2	11.4	11.5	8.1	9.9	8.2	7.3	7.3	16.2	14.1	13.4	13.9	13.1	13.3	9.4	10.4	10.1	10.8	11.7	11.6	11.1	16.2
13	12.5	9.8	9.9	7.6	6.2	5.5	5.8	3.9	3.2	5.0	4.8	6.4	4.2	7.6	6.8	6.9	6.0	8.1	6.5	8.7	9.8	7.9	6.8	5.6	12.5
14	5.0	4.0	2.5	2.1	2.4	1.8	4.4	3.6	4.5	3.9	5.3	9.3	10.7	9.5	10.4	11.3	10.1	8.5	7.2	10.3	5.7	9.0	6.4	6.5	11.3
15	7.2	6.8	5.7	4.5	4.8	5.1	3.3	3.1	3.5	3.8	7.0	7.2	9.9	10.0	12.5	11.1	9.8	12.0	11.5	10.1	9.4	7.8	9.6	13.1	13.1
16	9.7	7.1	11.3	11.5	12.7	14.4	14.2	14.7	11.6	11.5	9.9	7.7	4.6	6.7	7.8	8.2	6.9	7.0	5.7	7.1	7.5	7.5	7.7	7.2	14.7
17	7.1	8.8	8.5	9.0	10.3	10.0	8.8	7.8	7.9	9.1	10.2	10.5	13.1	14.2	16.3	14.0	13.0	11.7	10.9	11.1	12.3	11.6	11.6	10.4	16.3
18	7.8	5.3	4.0	4.7	4.0	5.6	5.7	5.6	4.6	6.5	8.7	14.2	14.9	14.8	15.7	15.1	13.4	11.0	11.1	10.4	11.0	10.4	13.1	13.6	15.7
19	12.1	11.5	10.1	7.2	6.1	6.2	8.2	10.1	11.4	13.7	14.4	15.0	16.7	16.9	14.9	15.2	13.8	13.0	11.0	10.6	10.4	10.8	12.5	11.4	16.9
20	11.6	7.9	5.7	6.7	7.2	7.4	8.3	9.0	5.7	5.1	5.7	8.8	12.0	14.4	15.3	14.5	13.7	12.3	10.1	9.0	8.3	10.9	9.2	10.9	15.3
21	11.7	10.9	11.7	9.6	9.2	8.6	8.7	7.4	7.9	8.7	10.5	14.5	12.3	13.7	13.7	15.1	12.3	14.8	13.5	14.5	12.0	11.1	11.9	12.3	15.1
22	13.8	12.5	11.7	12.1	12.0	11.6	11.0	10.3	10.0	10.2	9.9	10.5	10.7	11.3	13.1	11.3	12.5	12.4	11.3	12.4	13.1	12.5	14.7	13.0	14.7
23	12.1	12.6	9.9	9.1	9.9	9.3	7.9	5.3	2.6	4.1	4.2	4.7	7.0	6.9	7.6	8.1	9.7	9.1	9.1	9.6	9.1	12.0	12.1	9.9	12.6
24	9.0	8.3	8.9	6.3	6.0	5.2	4.8	3.0	3.1	4.3	6.1	6.8	7.2	9.5	10.8	10.5	9.9	9.5	10.2	8.2	10.2	8.1	5.8	5.0	10.8
25	7.3	8.6	8.4	7.0	5.5	7.2	5.2	4.6	8.5	7.9	7.1	7.6	11.0	10.5	10.3	11.5	10.9	10.1	10.3	13.3	10.5	10.1	12.2	11.6	13.3
26	13.9	12.3	12.2	11.3	10.6	10.3	9.9	8.4	9.9	7.9	12.9	13.4	14.5	15.0	14.7	14.4	14.5	13.1	12.6	10.6	10.5	11.3	10.7	10.5	15.0
27	8.6	8.2	7.8	7.0	7.4	6.3	5.4	4.6	3.5	4.7	5.4	12.5	14.8	14.2	14.4	13.8	12.7	11.7	9.9	8.6	10.1	8.9	6.8	6.9	14.8
28	7.1	4.1	2.9	2.2	2.1	1.6	2.5	2.8	4.1	4.3	8.1	10.1	7.8	9.0	7.4	5.0	9.2	13.5	13.0	12.8	11.5	11.1	8.4	7.5	13.5
29	5.4	7.4	4.4	3.4	3.7	3.4	2.2	2.2	4.2	3.4	3.7	6.4	5.1	7.4	10.0	7.6	19.9	14.7	18.0	11.5	5.8	8.9	5.9	5.3	19.9
30	5.0	4.6	4.8	5.7	5.8	6.6	8.7	7.7	7.4	6.3	7.5	8.9	10.0	13.7	13.9	21.8	16.7	9.7	9.0	10.5	9.9	8.1	8.1	7.5	21.8
31	7.6	6.9	6.3	6.8	5.6	6.5	6.5	3.6	5.3	3.2	4.1	6.1	8.3	7.8	8.9	11.9	8.1	10.3	9.6	10.4	10.2	10.3	10.7	10.0	11.9

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : July

ELEVATION : 4120 feet

LONGITUDE : 117 degrees 33 minutes 54 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	6.4	9.0	9.1	9.0	9.0	9.3	8.2	8.2	7.8	8.5	8.9	9.4	10.2	10.2	12.4	14.1	15.7	16.6	15.9	15.2	14.0	13.9	13.3	13.8	16.6
2	12.5	12.4	12.4	12.4	11.6	11.0	10.1	10.3	10.3	9.8	11.9	12.4	14.5	15.7	16.3	18.9	18.9	17.7	18.2	18.3	19.1	16.8	15.9	17.2	19.1
3	17.3	19.2	18.1	17.4	15.6	14.8	15.8	15.9	15.4	15.9	16.2	16.8	17.9	19.6	22.6	23.2	24.6	24.4	24.0	20.0	17.5	16.4	16.9	16.4	24.6
4	14.5	14.5	12.8	11.7	10.8	7.8	6.6	5.8	4.7	5.6	9.7	10.5	8.9	7.6	5.4	8.5	13.5	18.0	15.7	13.5	13.5	12.4	12.4	13.6	18.0
5	12.7	12.8	12.0	9.8	10.4	9.2	9.8	6.5	4.1	4.6	5.9	9.7	9.5	10.8	9.1	9.5	11.0	9.7	14.9	12.2	10.6	11.6	11.4	10.6	14.9
6	9.7	8.3	6.9	6.0	6.9	6.8	6.9	3.9	4.2	10.6	11.1	16.8	22.2	19.7	15.9	15.6	13.5	11.2	10.1	8.1	8.6	8.9	8.9	9.9	22.2
7	8.9	9.4	8.7	8.3	7.7	7.3	7.3	6.3	4.5	9.2	14.3	13.6	10.3	10.7	12.0	11.0	12.8	12.7	11.5	8.4	8.5	8.3	6.6	4.3	14.3
8	3.3	4.5	4.8	5.0	4.6	4.5	4.6	3.8	4.4	4.7	5.8	5.6	7.3	11.4	11.9	12.4	14.7	19.1	13.8	12.9	11.6	11.0	10.3	9.6	19.1
9	8.0	9.0	9.1	11.0	9.7	9.8	10.5	11.6	10.5	10.3	8.9	10.1	9.9	15.0	13.2	16.1	16.7	15.4	15.2	14.4	13.6	13.1	14.3	14.3	16.7
10	11.6	10.8	10.9	8.6	8.1	9.3	8.3	4.7	6.8	5.4	8.0	9.4	10.2	10.6	12.5	15.2	15.8	15.9	12.4	12.4	13.3	13.8	12.2	10.8	15.9
11	9.5	11.7	13.0	12.7	12.2	11.8	10.6	10.4	11.9	11.9	12.4	11.8	14.0	16.4	18.0	16.6	16.3	14.4	13.7	11.3	10.6	8.7	9.0	10.8	18.0
12	11.3	11.4	11.7	10.1	10.8	11.4	11.0	11.4	8.0	8.6	9.9	9.5	12.0	14.0	14.0	14.6	15.5	15.7	14.6	13.3	12.6	9.7	10.8	9.6	15.7
13	11.2	12.5	10.7	9.7	5.9	6.5	5.0	2.8	4.4	6.3	5.2	[CA]	[CA]	[CA]	[CA]	6.6	7.0	6.5	6.2	10.5	9.9	11.6	10.3	7.3	
14	6.2	3.5	2.5	3.7	2.7	3.0	3.1	4.6	4.5	6.6	9.0	10.3	11.5	12.5	11.3	11.0	10.5	10.5	12.0	9.9	12.0	12.0	10.4	9.0	12.5
15	8.9	8.6	7.9	7.6	6.6	5.8	4.3	3.1	3.1	8.2	6.9	10.3	11.2	9.3	10.2	15.4	13.1	9.9	7.3	11.4	9.9	10.9	12.8	11.6	15.4
16	11.0	12.4	11.6	11.7	12.0	10.1	15.4	22.5	18.9	10.8	10.9	8.0	7.0	5.5	7.1	6.4	7.6	8.2	6.2	4.8	5.6	4.3	4.3	4.4	22.5
17	3.8	4.2	4.6	7.0	8.7	10.0	8.2	6.9	5.1	5.1	7.8	7.9	6.3	7.3	8.3	11.7	14.1	15.3	12.2	9.5	10.7	8.8	7.2	7.8	15.3
18	7.3	7.7	8.2	6.8	6.1	5.6	6.9	7.8	6.9	4.5	6.0	10.6	11.8	17.4	16.6	13.6	12.7	14.1	13.2	11.4	11.4	9.7	6.2	6.6	17.4
19	6.7	6.9	7.3	7.4	7.3	6.0	4.4	4.0	3.8	5.6	5.3	7.0	10.2	11.0	16.2	14.5	16.1	15.0	12.9	12.3	12.2	11.3	11.3	12.7	16.2
20	13.1	13.0	14.0	13.5	12.2	9.7	9.2	8.5	8.1	9.1	8.9	10.2	12.4	13.6	15.7	16.5	14.1	14.1	14.4	11.8	11.8	13.2	14.1	13.3	16.5
21	14.8	14.7	15.2	15.1	14.8	13.0	11.0	11.7	12.6	13.1	13.4	14.6	18.0	16.9	18.1	17.4	17.5	18.8	16.7	16.7	16.3	18.1	18.3	15.7	18.8
22	16.8	15.7	15.2	15.3	14.2	14.3	13.6	13.0	13.4	13.5	14.1	14.0	15.1	15.5	17.4	16.5	17.7	17.2	16.2	17.7	15.4	17.7	16.0	14.8	17.7
23	14.2	14.7	12.9	12.4	10.7	9.8	9.3	7.6	5.6	4.9	4.9	4.3	7.6	6.4	8.2	8.6	9.0	13.9	13.6	10.3	12.2	10.9	11.2	12.2	14.7
24	11.3	10.9	10.2	7.9	7.7	8.6	8.2	5.6	5.1	6.4	5.4	4.9	7.2	7.4	8.8	9.0	12.4	13.7	13.4	11.6	10.5	11.0	11.7	13.5	13.7
25	12.4	10.2	9.4	7.3	7.4	8.1	7.6	4.3	4.3	4.3	6.2	6.8	7.2	7.3	8.5	8.2	9.7	12.6	12.4	10.7	9.9	8.6	8.5	5.8	12.6
26	4.4	6.8	5.9	5.5	5.6	2.9	3.1	3.3	3.9	4.7	5.0	7.3	8.5	14.7	11.3	13.5	14.9	14.3	12.0	11.7	10.9	10.1	11.1	9.7	14.9
27	9.4	8.0	8.4	8.9	7.6	5.9	3.7	3.0	4.5	4.5	7.3	8.4	10.0	10.1	14.4	16.4	16.2	17.0	14.4	12.0	10.2	9.5	8.3	7.6	17.0
28	6.4	6.3	4.7	2.5	1.4	1.7	2.0	2.8	4.2	4.6	5.8	8.8	8.8	7.0	9.0	14.3	16.4	15.0	13.5	13.4	12.6	10.7	11.7	9.2	16.4
29	6.6	5.9	8.2	7.1	5.2	4.8	3.9	3.8	4.0	4.6	6.5	7.4	9.6	8.7	12.5	32.4	28.9	25.4	15.3	6.9	5.8	5.5	6.7	7.3	32.4
30	6.6	6.6	6.3	7.2	7.0	7.3	6.4	5.6	3.9	6.1	7.4	8.4	9.5	10.4	19.2	20.4	14.7	12.6	12.8	11.6	11.9	9.7	9.9	9.8	20.4
31	9.9	10.8	11.4	10.2	9.5	8.7	9.2	7.1	5.2	5.1	7.4	5.8	6.9	5.8	7.6	6.5	9.4	12.2	15.6	12.9	13.0	11.4	9.6	9.3	15.6

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : July

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	214	210	216	212	209	206	205	201	198	198	194	198	188	187	190	192	199	202	206	210	213	216	218	222
2	217	217	218	215	215	211	206	210	206	204	201	203	203	197	199	197	200	201	210	215	217	221	223	222
3	219	216	219	210	213	214	209	210	204	204	203	209	202	201	202	203	206	215	215	215	217	217	213	214
4	217	212	192	162	171	85	2	346	345	358	40	51	78	205	209	208	211	209	212	219	224	221	205	195
5	158	180	169	162	157	160	120	77	113	167	191	191	196	201	201	202	196	198	204	206	211	216	220	222
6	135	203	222	215	202	198	318	319	139	184	185	180	175	178	174	168	178	189	202	193	196	211	208	214
7	220	239	272	272	287	218	182	128	183	185	192	191	188	187	191	194	193	195	199	206	206	214	213	212
8	210	213	213	213	213	217	217	204	203	207	205	193	184	179	174	183	189	200	205	213	222	213	217	213
9	212	216	221	215	220	222	220	212	206	202	189	194	199	204	193	190	198	203	222	222	222	215	214	212
10	215	223	214	183	206	211	213	196	195	193	195	192	190	187	189	192	197	194	199	219	243	216	227	220
11	232	248	220	219	217	215	219	215	210	207	194	195	187	185	180	179	183	187	180	192	207	207	204	206
12	205	213	213	206	209	209	171	181	[CA]	[CA]	197	186	187	183	181	187	192	194	193	206	273	243	261	248
13	213	297	287	284	200	183	316	13	10	29	34	44	75	199	190	197	201	205	208	215	219	221	218	201
14	161	155	133	142	270	304	342	31	63	108	150	181	197	192	191	198	194	195	212	215	222	214	232	229
15	204	193	175	161	165	179	139	76	76	150	185	192	189	193	188	192	196	209	219	217	214	215	213	196
16	59	210	217	218	214	210	194	195	222	221	221	259	312	242	262	111	202	177	182	220	213	202	215	210
17	217	212	210	198	184	180	188	190	190	173	196	190	182	169	165	176	182	190	185	180	204	214	206	205
18	211	215	216	218	217	216	215	212	185	185	173	171	170	173	172	171	174	179	164	194	203	219	203	188
19	191	215	198	213	217	212	198	197	182	184	184	166	171	174	172	171	176	177	180	198	199	206	209	208
20	208	210	208	213	216	217	212	213	207	210	194	186	169	177	183	185	189	193	198	210	215	219	220	225
21	222	217	218	216	212	208	211	209	201	200	203	199	198	194	195	197	199	202	217	218	216	217	217	213
22	215	217	214	213	213	211	211	208	202	198	203	206	205	203	203	203	207	212	218	215	208	216	218	212
23	213	215	217	219	220	218	211	208	140	156	194	191	199	207	207	205	206	206	211	220	217	218	219	219
24	223	216	224	221	223	223	208	200	201	195	192	192	202	199	198	200	202	207	213	215	211	219	220	220
25	221	219	215	210	207	204	202	205	202	199	196	198	195	191	194	200	202	201	207	213	214	213	206	194
26	199	198	191	199	212	214	214	214	207	194	191	190	183	172	167	155	168	168	180	206	213	218	221	213
27	212	216	214	217	219	217	202	225	96	194	183	178	172	176	180	171	181	190	211	217	242	255	110	130
28	270	331	128	118	293	311	237	96	45	58	52	67	188	210	187	188	204	208	219	248	293	299	328	339
29	18	6	353	119	127	146	133	78	102	205	195	205	191	179	191	193	233	351	42	267	231	258	262	234
30	215	219	221	221	219	214	216	214	210	211	208	204	205	201	193	211	196	203	209	214	217	222	223	219
31	220	219	215	216	216	215	215	213	209	157	234	195	206	206	205	204	208	207	211	214	215	213	216	219

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Boron

ELEVATION : 2460 feet

PARAMETER : Wind Direction

LATITUDE : 35 degrees 01 minutes 00 seconds

LONGITUDE : 117 degrees 39 minutes 00 seconds

T & B SYSTEMS, INC.

MONTH : July

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	226	121	148	242	247	78	273	243	244	256	277	227	272	243	242	247	242	239	236	230	230	231	231	230
2	231	234	233	231	233	235	242	249	252	255	248	247	241	233	236	243	238	237	241	240	236	237	230	229
3	228	230	230	229	229	230	233	239	243	270	271	243	247	255	269	260	260	264	262	251	245	241	232	231
4	228	229	232	236	236	235	237	248	274	303	212	22	91	1	303	274	268	264	271	264	255	250	239	228
5	227	224	226	123	88	109	88	93	85	319	312	257	281	273	258	261	257	263	262	261	257	237	241	237
6	265	273	3	86	51	90	335	265	271	285	278	266	274	268	262	254	254	254	253	251	235	237	242	244
7	248	227	232	243	260	57	261	242	121	91	42	184	263	242	265	263	265	259	263	272	274	272	310	283
8	351	35	86	96	71	312	319	283	270	257	260	266	239	248	266	267	263	265	262	255	259	250	253	263
9	255	246	272	260	350	77	271	254	248	248	254	255	249	244	255	257	256	258	256	250	273	257	296	269
10	247	240	241	225	184	254	235	241	252	251	253	247	253	242	245	253	255	256	242	238	269	262	279	290
11	246	277	238	277	267	78	308	127	242	250	245	241	245	250	247	245	250	243	234	241	266	251	251	249
12	234	240	233	239	107	254	255	256	261	264	257	257	259	261	271	276	281	277	276	272	268	235	233	240
13	230	238	188	347	99	24	102	256	265	272	110	85	101	163	347	91	231	276	240	244	250	240	250	250
14	274	311	68	74	80	113	10	310	297	278	63	89	103	333	22	20	32	274	270	263	263	262	261	239
15	238	256	299	16	85	105	91	293	306	328	216	343	15	344	285	202	210	220	276	270	252	235	237	235
16	196	239	272	247	239	235	193	153	164	212	259	251	251	246	256	265	292	316	330	286	228	206	245	80
17	68	22	171	83	110	111	61	358	271	264	290	236	265	287	250	55	272	253	258	254	248	247	190	256
18	207	242	296	292	214	80	311	274	269	270	269	250	202	250	250	240	257	257	262	258	256	255	278	228
19	246	242	218	306	252	160	87	157	245	254	281	256	246	259	260	257	256	251	245	246	248	245	245	242
20	233	232	235	262	237	238	246	247	242	242	245	247	259	249	241	233	244	244	247	236	234	229	232	236
21	233	229	232	232	229	230	233	242	241	238	240	246	243	236	240	249	265	272	272	253	240	242	238	235
22	237	232	229	224	228	230	232	235	242	234	240	244	252	252	255	259	260	261	253	251	245	238	229	225
23	228	231	239	229	235	246	260	246	246	261	236	48	108	116	336	241	247	247	260	258	242	246	242	251
24	262	242	237	250	247	60	26	274	289	247	267	241	249	242	247	251	253	251	255	255	259	255	242	241
25	234	240	253	234	226	86	74	110	236	248	250	251	236	236	228	243	264	259	242	240	255	283	272	301
26	238	348	349	19	78	73	85	58	273	268	273	263	260	254	264	261	262	257	262	258	286	261	257	337
27	271	250	83	93	92	87	62	59	156	293	274	261	258	265	250	258	253	258	243	257	245	246	264	253
28	354	111	85	94	92	80	205	295	283	259	279	323	280	227	266	261	260	253	260	286	259	241	246	266
29	277	190	77	350	342	9	294	273	265	241	234	242	261	261	244	262	242	104	286	256	266	222	3	263
30	292	279	267	272	286	31	283	259	244	246	251	244	243	268	253	249	238	246	245	234	237	244	242	242
31	264	265	278	248	5	296	297	271	285	69	95	92	81	14	358	222	187	267	266	255	235	237	236	227

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : July

ELEVATION : 1602 feet

LONGITUDE : 118 degrees 24 minutes 30 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	235	236	234	234	251	272	254	256	235	239	253	258	245	243	247	246	244	240	229	293	229	332	320	346
2	36	32	69	38	149	184	208	212	218	223	249	224	230	239	234	242	242	238	263	228	258	246	225	224
3	229	244	232	221	223	207	189	126	29	356	317	273	250	234	237	236	242	241	239	232	213	201	246	220
4	105	90	95	88	83	88	102	102	92	84	99	123	207	58	248	247	243	239	235	204	191	181	127	139
5	207	198	176	162	112	69	79	81	94	246	258	270	285	267	242	225	211	211	207	145	106	94	70	354
6	290	340	340	5	6	94	107	198	240	250	227	196	230	242	58	55	44	72	42	110	221	307	72	94
7	70	57	58	30	28	59	107	156	190	239	274	251	246	66	266	184	290	276	97	268	215	222	273	137
8	295	331	341	86	64	65	97	105	111	116	131	219	195	219	170	172	181	208	243	258	255	264	63	51
9	94	125	105	118	183	160	25	100	190	347	296	211	233	240	240	242	245	251	252	280	310	302	294	301
10	314	315	318	318	284	286	292	300	299	282	285	288	278	272	252	255	247	245	260	262	250	255	261	262
11	268	264	278	304	307	305	308	312	239	231	234	236	238	237	239	239	235	235	226	235	247	269	313	308
12	322	307	317	312	297	264	231	232	239	251	245	249	248	242	245	247	243	245	282	321	324	346	19	61
13	132	139	119	129	145	99	66	75	64	55	49	30	[CA]	[CA]	[CA]	281	294	313	314	308	309	319	303	331
14	344	22	46	86	148	226	57	68	87	144	300	226	246	251	246	236	262	267	353	94	38	22	67	271
15	20	335	309	325	301	325	79	99	169	203	203	202	215	256	233	238	262	296	90	61	61	76	63	53
16	46	76	151	100	125	97	121	121	120	120	97	277	41	25	345	262	238	289	293	239	250	277	350	299
17	255	16	347	13	340	326	267	267	46	228	206	255	246	[CA]	239	235	236	234	243	251	259	301	306	302
18	272	228	298	331	334	342	62	100	198	316	261	229	230	220	228	217	231	224	214	233	222	227	217	205
19	187	213	202	190	187	155	134	333	215	227	228	219	219	220	224	229	220	223	219	217	212	213	201	234
20	231	262	252	234	164	301	193	351	196	202	212	228	226	228	234	234	237	237	233	245	252	270	272	272
21	261	239	236	227	209	220	214	201	204	240	254	250	251	240	234	244	238	241	235	229	223	279	354	42
22	115	86	79	101	104	82	18	239	258	257	314	276	251	244	241	239	230	227	233	231	222	209	135	109
23	98	93	88	52	69	59	24	222	270	305	290	256	246	243	243	246	235	230	224	265	206	144	132	112
24	106	126	138	125	138	136	92	96	289	284	301	294	269	277	[CA]	[CA]	251	273	292	293	294	284	273	147
25	126	122	114	133	133	125	113	126	224	250	252	277	280	269	255	282	287	237	360	229	19	355	283	263
26	289	330	349	5	4	25	48	21	14	30	286	167	227	262	245	242	230	229	232	260	241	173	329	327
27	222	241	294	310	319	337	331	339	335	337	314	281	241	242	246	250	248	291	302	304	313	312	315	310
28	316	313	298	309	315	323	308	302	308	289	231	241	258	306	306	297	303	305	299	303	302	306	308	308
29	307	307	312	326	295	321	124	111	122	125	46	331	298	284	260	142	145	111	120	116	134	157	97	133
30	124	120	126	122	122	124	133	121	114	120	161	240	186	165	209	127	145	166	120	58	89	141	136	145
31	134	155	150	154	150	126	111	113	102	97	307	276	218	225	239	229	220	213	290	320	120	251	236	333

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : July

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	252	256	243	225	232	251	241	236	231	233	228	223	223	220	226	218	219	213	220	224	225	227	236	230
2	249	242	232	234	249	237	233	241	243	242	254	242	268	238	229	231	229	228	229	229	226	225	226	224
3	226	231	229	238	235	233	231	231	238	233	236	234	233	230	229	229	229	229	228	230	226	226	224	223
4	228	236	244	259	257	256	256	249	246	234	221	111	152	192	224	282	244	266	256	256	248	234	227	232
5	229	235	259	262	250	241	244	234	235	259	231	213	234	221	217	221	214	210	234	251	249	240	237	242
6	256	250	255	258	252	268	298	255	249	259	229	224	206	221	228	218	206	213	222	228	229	236	255	250
7	257	256	252	258	259	289	279	212	222	245	218	224	218	210	211	214	216	223	257	271	264	266	253	254
8	287	308	319	310	291	289	305	290	270	280	275	267	238	234	222	221	227	258	251	251	251	254	234	237
9	245	241	252	259	255	252	254	245	247	248	270	278	269	316	285	239	286	249	259	264	266	254	254	255
10	249	233	237	249	253	256	241	235	301	263	253	246	237	220	224	217	239	240	257	290	253	246	268	279
11	248	249	261	255	256	262	259	248	235	232	239	231	227	223	229	230	231	212	210	219	239	296	271	274
12	274	254	255	248	250	253	249	252	280	275	249	229	231	233	229	244	242	249	251	254	255	245	253	251
13	252	256	241	246	248	256	253	244	241	253	248	226	201	225	215	227	238	249	231	299	277	234	239	250
14	253	264	292	303	299	279	311	317	315	325	317	182	206	190	239	157	241	253	284	326	254	264	235	225
15	231	250	253	255	255	278	261	246	230	220	195	140	68	78	145	206	205	210	281	236	247	234	222	214
16	278	306	301	269	224	199	189	203	243	234	270	282	226	232	251	277	312	306	288	323	331	277	271	283
17	276	300	298	257	258	257	253	281	277	231	203	219	251	222	221	210	215	212	220	215	256	301	284	296
18	283	288	256	263	272	290	293	284	297	284	285	258	220	209	206	206	205	210	215	235	228	246	253	257
19	305	285	290	316	320	309	298	304	281	242	247	249	221	215	206	208	206	206	226	228	226	229	246	250
20	253	254	252	257	255	256	252	246	237	235	238	240	224	223	222	215	212	218	228	223	225	232	236	236
21	229	228	240	238	235	237	235	233	232	232	233	231	230	233	230	229	229	232	227	229	230	232	228	223
22	222	229	231	229	232	241	233	228	231	239	233	234	233	233	232	231	231	228	238	232	236	243	233	225
23	226	232	235	236	238	239	244	241	246	272	258	243	207	215	211	231	235	259	286	253	255	238	228	245
24	247	241	258	261	257	265	259	254	256	264	254	237	219	221	306	279	265	253	254	252	247	258	241	235
25	243	251	257	251	253	265	287	261	286	302	254	229	229	230	227	254	228	222	208	220	237	256	255	258
26	289	275	277	260	258	285	314	317	311	281	233	251	263	256	283	255	236	210	222	229	257	291	302	322
27	317	319	319	314	319	314	315	317	325	288	272	257	269	240	235	226	235	246	246	244	284	298	272	289
28	269	251	256	268	285	292	288	254	259	269	250	282	258	236	305	307	328	244	258	258	298	286	270	246
29	243	254	269	267	257	256	257	266	254	242	252	281	273	277	257	216	234	288	317	337	302	268	251	251
30	256	258	262	265	258	271	237	246	258	240	235	243	260	260	205	207	219	227	271	242	244	254	256	252
31	252	256	258	276	310	297	303	279	277	219	161	108	82	267	212	218	217	230	225	222	225	232	245	237

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : July

ELEVATION : 1782 feet

LONGITUDE : 116 degrees 09 minutes 15 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	220	252	205	253	265	259	275	319	3	11	353	333	36	37	47	247	184	183	263	283	270	269	274	284
2	281	257	251	251	250	251	266	261	279	305	292	297	280	298	301	293	299	282	271	267	270	264	265	263
3	268	305	288	293	288	275	283	289	292	293	297	319	306	296	297	304	298	278	271	269	268	268	275	268
4	278	278	274	286	287	278	44	328	323	351	2	351	341	305	333	355	347	10	6	46	188	272	269	269
5	262	254	250	265	259	265	261	274	281	286	111	140	131	132	133	129	174	195	195	185	187	208	226	205
6	198	190	188	191	230	234	256	184	150	140	142	148	164	172	188	178	176	172	176	165	160	169	174	263
7	225	257	254	252	257	253	260	270	288	349	124	129	130	139	126	117	123	131	131	237	273	263	255	252
8	255	258	256	259	258	255	263	266	270	325	9	1	358	326	158	216	132	127	127	256	286	282	276	260
9	250	252	255	260	254	269	274	282	1	20	41	30	30	9	79	190	223	209	204	271	289	283	294	300
10	153	152	245	290	273	265	266	285	335	15	14	70	160	135	118	115	138	156	168	183	240	301	276	261
11	274	286	267	260	251	255	274	294	343	339	17	146	175	140	170	188	170	287	279	266	247	247	227	215
12	263	253	256	258	256	259	270	284	309	310	247	327	301	284	281	290	279	280	282	290	301	279	267	260
13	261	256	257	256	259	259	258	266	262	264	322	349	19	355	281	286	13	18	7	344	192	208	211	239
14	253	255	250	253	253	255	260	262	271	323	49	118	142	137	157	324	169	118	91	136	154	193	214	236
15	255	253	249	262	266	257	262	262	266	322	9	86	328	119	136	162	165	240	258	193	158	246	242	185
16	147	139	134	139	157	190	272	165	139	146	181	183	196	133	95	118	144	143	128	132	140	150	182	237
17	246	248	242	243	235	239	258	264	280	6	15	321	32	253	62	124	157	18	15	304	261	253	251	249
18	247	251	271	267	264	258	262	300	9	342	349	319	351	310	322	213	231	255	262	254	267	278	307	260
19	269	276	266	267	264	265	265	266	319	340	350	319	314	250	187	187	251	264	288	269	264	269	275	265
20	253	261	258	253	255	264	268	273	324	42	32	318	306	359	322	298	338	347	300	290	273	260	276	283
21	263	267	215	224	252	260	265	302	330	289	309	274	281	304	299	309	297	303	297	279	270	272	321	310
22	288	296	256	254	284	340	266	298	302	312	333	308	270	268	290	299	301	305	296	291	271	261	253	251
23	257	262	260	260	268	266	270	303	354	346	327	347	344	88	165	179	157	148	144	149	159	155	235	247
24	253	250	249	256	251	253	260	259	259	258	223	146	131	153	133	130	133	134	137	143	164	255	245	249
25	254	254	261	256	252	255	256	262	263	339	112	127	149	145	116	147	153	134	126	131	167	215	235	241
26	241	239	248	241	253	255	264	263	257	5	15	355	356	6	1	343	323	313	273	258	257	257	252	257
27	249	253	263	268	261	259	271	327	316	315	1	37	352	118	311	271	286	272	266	274	261	293	302	291
28	238	288	296	259	257	261	272	268	265	297	331	359	42	354	12	24	20	339	302	269	288	268	237	234
29	252	257	258	256	266	268	251	255	261	283	298	333	126	2	244	266	283	291	281	272	267	238	244	238
30	213	241	252	203	243	236	247	259	254	281	329	173	233	176	215	235	242	244	269	259	256	261	261	270
31	262	242	225	249	257	243	251	262	4	341	347	33	9	70	289	270	325	331	351	302	198	237	254	260

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Palmdale

ELEVATION : 2760 feet

PARAMETER : Wind Direction

LATITUDE : 34 degrees 33 minutes 26 seconds

LONGITUDE : 118 degrees 06 minutes 46 seconds

T & B SYSTEMS, INC.

MONTH : July

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	210	209	235	219	216	214	210	206	210	234	255	252	243	244	244	239	238	244	245	242	257	250	248	255
2	250	235	214	210	210	214	224	246	235	238	232	234	235	225	228	229	231	227	231	229	213	245	240	238
3	241	243	238	239	219	216	212	218	224	223	233	242	243	243	236	240	259	249	231	241	242	252	246	226
4	213	206	203	206	247	198	215	64	19	355	54	31	10	126	206	208	211	215	293	180	202	230	222	193
5	243	242	219	213	222	241	91	70	57	21	65	76	238	237	229	223	234	228	225	219	233	61	169	204
6	202	226	254	232	253	169	80	46	63	83	51	148	253	244	208	220	235	236	209	215	333	215	183	224
7	189	191	252	213	193	218	222	50	70	51	355	202	213	226	197	247	243	225	214	213	30	53	137	166
8	106	240	181	193	230	256	58	295	212	201	229	216	225	237	243	222	232	233	233	234	317	172	17	130
9	112	69	50	99	245	238	216	317	244	236	241	240	240	246	240	245	243	235	240	237	232	326	233	283
10	269	234	217	239	69	293	7	33	54	251	249	249	229	233	229	223	222	221	228	327	294	183	144	179
11	230	245	98	65	102	244	208	214	215	219	227	234	235	232	239	231	228	229	224	215	216	221	226	229
12	258	248	339	297	156	92	73	349	18	14	241	264	268	272	268	267	267	275	267	290	301	213	282	127
13	253	229	162	210	220	226	55	8	50	19	42	53	64	10	9	344	245	243	230	255	99	290	98	220
14	212	239	257	234	241	244	45	53	58	61	41	42	349	277	119	191	198	249	235	215	194	172	221	171
15	181	192	214	220	160	234	97	83	47	37	22	36	313	250	243	242	233	237	229	222	218	216	216	215
16	201	147	208	199	219	214	209	204	187	205	215	221	207	252	310	307	312	322	320	175	205	228	204	230
17	200	244	197	191	282	263	193	63	52	38	26	69	301	263	256	246	244	238	222	213	211	210	11	216
18	288	200	359	59	157	286	100	33	258	236	212	215	224	217	226	230	229	233	241	260	250	290	337	237
19	238	226	311	82	102	6	178	216	189	166	183	222	230	224	229	234	239	258	234	209	208	213	231	127
20	91	313	250	224	116	89	97	260	234	225	220	226	223	224	229	220	223	229	227	292	240	265	246	206
21	234	227	227	250	319	312	241	225	225	226	234	247	251	252	247	243	250	253	244	242	243	244	248	238
22	244	236	210	211	205	204	202	211	231	244	246	238	235	243	242	240	240	246	246	243	219	224	220	221
23	220	224	241	215	214	212	253	82	11	1	25	14	2	334	252	243	240	220	213	233	63	188	217	207
24	205	193	177	205	222	212	273	341	28	36	286	247	255	259	236	229	229	221	258	75	38	54	146	184
25	181	190	208	210	133	200	180	202	15	328	242	259	242	223	231	221	219	218	211	207	218	107	312	33
26	210	212	137	183	227	219	147	24	80	31	306	220	231	255	256	229	250	254	243	243	260	172	185	219
27	157	153	203	205	200	199	169	25	20	346	240	244	252	246	242	237	242	235	217	216	207	260	189	201
28	207	204	222	222	212	251	356	12	54	33	42	53	64	335	325	242	241	237	246	272	260	182	192	202
29	211	238	229	217	190	228	153	87	47	41	37	351	265	262	253	255	252	259	298	251	259	229	236	224
30	219	186	197	244	196	211	218	319	181	208	250	232	241	242	242	241	239	222	328	246	209	221	235	224
31	225	185	218	156	97	74	251	223	50	62	12	359	3	3	241	223	247	239	261	211	212	205	205	213

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : July

ELEVATION : 4482 feet

LONGITUDE : 117 degrees 17 minutes 20 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	188	189	192	191	189	189	189	191	190	190	189	188	186	186	186	186	188	190	193	202	204	214	220	220
2	216	220	221	221	214	219	222	213	216	214	217	208	217	214	187	194	215	221	210	206	210	218	212	218
3	220	221	220	218	221	221	220	221	222	221	227	217	218	217	217	217	216	220	219	221	217	217	219	218
4	219	221	228	219	222	253	284	326	354	351	15	61	59	74	341	354	296	215	259	265	254	225	222	222
5	221	220	220	223	224	214	261	316	179	167	185	184	186	189	187	188	188	187	190	188	206	238	239	201
6	264	276	254	252	206	204	261	184	177	186	188	189	187	190	190	190	188	188	189	188	190	193	220	190
7	189	239	224	238	272	293	263	206	183	187	186	187	186	186	187	188	187	187	190	197	214	207	194	190
8	190	188	188	190	192	194	194	185	191	190	187	187	188	188	187	188	188	187	190	186	187	176	183	208
9	167	189	182	175	176	229	213	237	238	222	234	233	195	188	185	184	183	180	184	236	234	240	250	232
10	241	261	274	275	249	203	175	181	221	254	211	184	187	184	187	187	188	206	203	214	210	219	219	218
11	221	225	224	188	191	195	170	178	188	188	190	186	185	186	186	186	187	187	188	187	185	182	182	194
12	194	214	228	215	207	232	255	235	239	225	208	185	186	188	186	187	190	221	222	237	252	230	221	223
13	226	263	285	283	236	240	282	20	354	360	350	332	239	187	184	204	259	201	189	190	235	278	272	261
14	242	284	19	43	58	43	36	35	29	36	249	190	191	182	188	194	191	188	187	204	221	211	222	226
15	232	224	234	263	273	282	227	257	335	74	173	191	192	189	182	156	184	191	190	192	187	197	199	150
16	206	212	188	184	184	181	183	179	149	184	187	192	179	88	184	175	187	189	188	189	194	213	205	203
17	192	189	185	186	184	183	179	172	182	182	181	184	187	187	186	186	187	187	188	187	186	188	182	195
18	214	218	190	215	202	184	180	174	183	174	183	187	187	188	187	188	187	186	185	186	188	191	185	186
19	191	192	190	187	190	184	181	181	182	186	186	186	184	186	186	185	186	187	186	189	188	187	188	189
20	199	204	193	205	181	188	190	184	191	177	197	181	186	185	183	185	186	186	189	192	205	218	210	211
21	216	220	215	205	202	205	202	206	205	195	201	220	215	217	220	224	222	186	209	212	208	214	212	215
22	218	216	212	202	209	207	212	209	209	213	218	214	220	222	221	227	235	256	231	218	217	210	217	210
23	211	210	210	211	219	214	216	214	317	356	58	195	183	195	195	196	186	191	192	217	219	220	218	218
24	212	213	221	239	231	252	251	276	319	218	177	175	189	204	186	186	186	185	195	213	214	206	195	196
25	195	203	219	217	199	222	226	203	176	179	180	173	183	185	184	186	186	186	188	192	194	190	189	184
26	183	186	187	186	188	189	190	188	188	191	180	185	186	186	185	185	184	187	186	186	191	201	197	189
27	188	188	189	188	184	182	182	180	350	349	330	190	183	185	187	186	187	188	202	225	226	249	279	227
28	214	267	273	331	287	232	48	11	4	342	352	13	326	273	179	192	199	273	289	291	293	300	299	296
29	272	275	292	249	192	189	190	179	84	184	215	293	298	229	192	146	353	346	354	351	316	224	262	263
30	226	253	205	200	201	195	182	183	183	179	179	182	188	186	191	323	331	185	189	211	218	209	211	207
31	203	199	203	204	203	296	289	341	347	8	296	340	3	339	319	193	191	186	189	216	212	212	214	215

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : July

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	202	252	262	250	235	231	241	244	241	256	251	244	269	257	266	266	268	265	265	257	256	252	250	251
2	253	252	249	252	252	250	253	262	265	262	272	268	263	265	258	264	266	256	254	253	254	256	254	251
3	253	260	260	258	255	251	254	259	263	267	268	262	268	267	260	267	265	267	272	267	263	252	257	252
4	249	253	261	261	262	261	264	264	290	347	53	65	67	93	39	285	309	283	280	277	275	270	270	261
5	260	263	261	264	275	271	278	291	267	216	140	197	213	238	240	289	257	219	276	276	286	281	281	276
6	272	256	253	243	222	265	262	264	195	143	160	156	157	161	172	167	168	177	213	255	276	276	248	271
7	267	253	270	269	266	270	271	251	132	184	165	195	230	227	247	266	292	290	291	293	299	285	279	276
8	272	308	343	313	326	343	360	11	210	142	353	31	42	240	303	276	276	282	272	276	274	267	277	273
9	250	235	239	239	261	258	266	264	270	265	267	273	256	263	264	271	279	276	275	272	268	264	267	264
10	269	271	274	251	258	266	259	253	253	248	256	240	223	271	266	272	269	270	269	273	269	260	256	258
11	258	257	249	250	260	255	240	240	241	242	257	259	273	269	256	249	248	255	255	248	233	272	278	283
12	276	272	274	275	274	281	276	269	268	262	260	255	247	272	275	275	281	360	360	360	360	360	360	360
13	360	360	360	360	360	360	360	360	360	360	360	[CA]	[CA]	[CA]	[CA]	320	320	337	344	290	279	278	273	261
14	273	280	305	276	286	174	79	99	49	50	84	138	160	160	149	159	184	259	282	284	288	288	274	256
15	258	260	260	253	253	255	248	234	291	54	121	136	179	159	150	172	299	283	271	281	284	271	257	215
16	177	249	268	261	258	209	153	156	168	220	236	235	217	187	243	263	346	3	310	302	278	285	252	239
17	244	228	158	156	178	171	164	182	190	182	161	150	336	251	240	212	180	176	183	198	199	223	265	281
18	291	287	289	278	268	276	275	277	289	292	230	184	205	204	224	224	236	248	255	273	274	268	254	269
19	278	272	285	282	275	276	230	94	76	62	104	264	221	236	258	246	260	264	264	253	241	245	254	267
20	270	271	271	263	264	257	251	265	264	244	238	253	245	267	272	273	265	263	257	257	251	258	262	258
21	261	259	258	257	255	250	248	257	256	257	258	264	268	271	269	269	270	268	263	256	256	259	255	254
22	256	255	253	248	251	253	255	258	255	264	268	271	270	268	273	274	272	269	274	272	260	260	254	261
23	264	262	260	258	261	267	269	265	266	274	326	288	269	273	254	258	267	281	284	283	275	271	278	280
24	270	265	272	253	256	267	276	266	267	244	200	129	197	209	256	255	276	283	287	292	286	279	278	273
25	274	272	268	276	274	260	258	224	142	339	266	243	203	233	238	263	265	286	278	273	272	267	265	253
26	274	300	266	266	286	254	79	128	73	55	251	244	226	233	261	274	266	273	263	261	256	247	239	238
27	237	242	247	246	248	236	165	148	24	347	264	255	252	236	254	264	272	272	263	261	254	269	277	276
28	266	272	310	1	332	325	14	93	46	60	32	21	55	204	280	270	275	270	276	280	288	281	284	273
29	251	252	251	272	257	263	253	207	204	179	274	285	278	302	266	1	79	330	23	336	256	238	269	283
30	272	267	265	273	264	270	226	216	214	254	261	252	246	275	228	171	174	227	272	278	276	255	258	263
31	263	262	263	258	270	287	293	291	303	44	58	56	34	47	50	74	148	208	275	267	273	263	256	263

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Baldy Mesa

LATITUDE : 34 degrees 23 minutes 20 seconds

MONTH : July

ELEVATION : 4250 feet

LONGITUDE : 117 degrees 26 minutes 33 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	7.8	7.9	9.1	7.1	6.5	7.9	8.4	9.0	9.8	11.0	12.4	12.0	11.4	12.3	12.0	11.4	10.1	9.3	9.0	7.6	11.1	14.1	11.1	10.4
2	9.2	7.9	7.8	6.9	6.4	7.2	8.7	9.4	8.9	9.9	11.3	9.6	10.6	11.0	10.1	10.1	9.6	9.1	8.3	7.7	8.1	10.4	12.6	10.4
3	10.3	8.3	9.6	8.0	8.0	8.9	9.2	8.5	8.2	9.4	10.3	10.3	9.9	10.1	10.8	10.2	10.3	11.7	11.7	11.0	11.9	10.9	9.3	8.6
4	7.9	5.2	25.0	14.3	35.0	44.6	23.7	14.7	15.8	30.9	32.0	42.9	45.1	17.9	8.5	8.5	7.5	7.3	7.8	8.3	7.7	7.9	7.6	8.2
5	11.4	8.9	8.6	7.4	8.1	10.4	14.5	34.2	27.8	18.7	14.4	13.3	14.6	14.9	14.6	11.5	9.6	8.8	8.3	7.4	7.5	7.6	9.1	9.1
6	55.2	19.1	4.7	4.2	5.3	23.4	11.5	27.0	32.7	13.9	12.9	12.4	12.7	13.0	12.3	12.3	11.5	9.2	8.4	7.5	7.3	6.5	6.7	7.5
7	7.6	14.4	13.7	7.7	7.3	44.7	23.2	17.6	15.9	12.2	13.1	11.8	11.8	13.1	11.6	10.8	10.2	9.7	8.7	7.4	7.7	7.8	7.4	7.4
8	6.8	7.1	7.3	7.1	7.7	8.6	8.7	9.9	10.9	11.4	13.7	12.5	13.4	11.6	11.5	11.3	10.2	9.3	8.6	9.3	10.2	8.1	9.9	7.0
9	6.7	10.1	12.7	7.1	7.9	7.5	8.9	10.3	11.9	14.9	14.8	12.0	13.2	12.4	13.9	13.0	10.2	9.3	9.8	8.7	8.9	7.5	6.6	6.5
10	7.5	9.8	11.6	8.1	9.0	11.5	8.0	13.1	16.7	12.8	11.6	14.3	13.2	11.5	11.8	10.8	10.5	10.5	8.4	8.6	18.8	8.0	12.8	8.3
11	8.9	12.0	8.7	8.3	8.4	9.4	9.5	9.6	10.0	11.6	13.5	13.8	12.9	11.5	10.2	11.1	10.3	11.0	9.0	8.1	7.4	7.2	8.1	8.1
12	7.9	9.6	8.1	7.3	7.4	11.1	31.4	18.2	[CA]	[CA]	12.7	13.2	14.2	12.2	12.6	12.4	11.8	12.3	9.6	7.9	48.7	19.7	9.8	11.3
13	17.8	14.7	8.7	7.8	25.3	25.0	12.3	22.2	30.5	33.4	44.0	48.9	47.9	37.9	14.7	13.0	11.0	10.1	8.1	8.8	7.6	6.9	3.9	8.4
14	7.6	9.8	8.6	7.6	12.6	5.2	15.4	20.9	26.1	28.7	20.1	18.0	15.3	18.4	19.1	16.7	15.3	10.9	9.6	7.9	9.3	7.0	14.0	7.6
15	6.6	8.3	8.1	9.3	7.6	9.7	14.4	38.0	63.3	39.2	24.8	15.8	14.7	13.9	12.7	12.8	9.5	9.7	9.1	8.6	7.8	7.3	7.3	22.4
16	39.9	7.3	8.2	8.6	7.7	8.3	8.7	8.8	8.9	8.0	12.1	32.0	13.1	7.8	17.9	46.0	52.5	13.7	12.2	4.6	5.3	5.8	6.1	5.0
17	6.4	5.4	3.9	5.6	5.8	6.8	8.8	13.0	14.6	22.0	14.3	15.6	15.4	18.3	17.4	12.8	14.2	13.4	9.0	5.5	6.0	6.4	4.3	5.3
18	5.2	6.7	7.4	8.1	7.2	7.5	9.6	13.8	15.4	19.1	17.4	13.7	15.5	15.0	14.7	13.8	13.9	11.7	12.9	7.9	7.5	10.1	8.5	7.5
19	7.5	9.6	16.7	7.9	9.1	7.4	10.6	13.4	11.5	12.9	13.7	14.6	13.1	12.9	12.2	11.2	11.0	9.2	7.8	7.8	6.9	8.7	7.3	7.4
20	6.2	7.1	7.6	7.2	7.8	8.7	8.8	11.2	13.3	14.3	13.8	14.1	12.1	11.0	10.6	10.6	10.8	9.6	9.3	9.9	7.7	8.2	9.6	7.3
21	6.7	6.6	6.9	7.1	6.2	8.1	8.7	9.2	11.2	11.6	12.6	11.7	11.8	10.6	11.3	10.6	10.5	9.7	9.2	8.1	8.2	8.1	8.6	7.4
22	7.7	7.8	7.3	7.1	7.0	7.1	9.2	9.4	9.0	11.3	10.4	12.4	12.8	11.6	12.0	10.5	10.3	8.6	9.6	7.7	7.3	8.7	8.2	7.4
23	7.6	7.5	7.4	7.3	6.7	8.1	13.3	23.7	55.0	39.9	48.4	16.5	15.1	11.9	11.7	10.9	9.5	8.3	7.3	9.9	8.5	7.5	7.3	7.6
24	7.9	6.4	4.2	5.6	5.5	6.3	9.8	11.2	21.3	31.9	16.0	12.2	13.1	10.8	9.8	10.4	10.1	8.4	7.8	7.8	6.8	7.8	8.4	8.5
25	8.4	8.6	7.9	8.2	24.1	8.3	11.5	10.8	11.2	12.0	11.7	10.8	10.4	10.0	10.1	9.7	9.3	8.9	8.4	8.1	7.7	7.8	7.5	7.1
26	6.9	7.2	6.5	6.0	6.7	6.8	8.3	9.0	9.2	12.2	12.8	13.1	11.9	13.3	13.7	12.0	10.9	10.0	8.7	6.5	5.5	6.6	6.5	4.9
27	5.1	5.7	5.2	5.7	6.0	5.4	8.3	54.4	37.5	29.0	17.5	15.8	16.0	15.2	14.0	12.1	10.9	12.5	8.0	6.8	6.6	21.9	29.6	28.1
28	35.8	56.8	22.8	28.2	5.7	15.1	25.8	43.1	32.2	31.9	31.0	44.1	36.3	28.6	27.6	14.9	11.0	8.8	7.5	21.4	20.5	10.1	17.9	17.4
29	25.0	52.2	50.4	20.9	12.5	9.6	15.1	34.6	44.1	16.6	24.7	38.3	34.0	24.5	12.7	12.8	31.0	17.9	38.7	39.5	10.3	6.7	10.1	10.4
30	5.5	7.0	7.9	7.6	7.6	7.5	8.2	9.6	10.2	11.4	14.4	12.0	11.3	14.5	12.3	17.1	14.0	8.4	7.3	8.2	8.8	8.9	9.6	7.2
31	7.0	6.8	6.2	6.7	6.6	7.4	8.3	9.9	14.1	44.6	63.5	27.5	23.9	14.0	10.8	12.0	10.5	9.7	8.0	7.9	9.3	7.2	9.6	6.8
AVG.	11.9	11.7	10.6	8.6	9.5	11.7	12.3	17.7	20.2	19.6	19.2	18.2	17.0	14.6	13.1	13.0	12.8	10.2	9.9	9.4	10.1	8.9	9.5	9.2

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : July

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	27.5	33.6	40.9	15.2	18.6	28.3	42.5	16.8	18.7	27.8	33.0	38.3	51.2	31.8	26.4	20.1	16.6	15.0	13.1	12.3	12.1	12.3	12.8	12.5
2	12.3	13.3	13.4	13.0	13.4	14.0	14.9	17.7	22.0	24.7	25.1	24.8	23.2	16.4	15.2	16.0	15.2	14.2	13.7	13.1	13.4	12.7	11.9	11.9
3	12.1	11.9	11.7	11.8	12.4	12.2	13.3	15.1	17.3	22.4	22.3	19.1	18.8	18.1	15.5	18.0	16.9	16.4	16.8	16.8	14.6	13.8	13.0	12.9
4	12.2	12.5	13.0	14.2	15.0	13.8	15.7	22.6	25.2	47.0	65.7	45.3	68.8	55.2	66.0	34.1	25.6	18.6	13.1	16.1	17.9	16.6	13.5	12.3
5	12.2	13.6	21.5	40.8	12.7	15.2	19.9	20.0	38.1	41.7	48.6	59.2	28.2	24.7	27.5	24.2	18.2	17.6	16.7	16.3	18.0	12.3	12.8	13.0
6	39.3	21.5	23.4	11.5	16.3	28.8	30.6	17.3	30.8	73.4	55.3	50.2	68.7	30.1	24.7	19.1	17.8	18.6	17.6	16.4	14.1	12.9	15.5	16.7
7	18.4	16.0	18.8	14.3	21.0	38.9	27.9	22.0	59.5	50.4	52.7	63.7	22.1	25.0	34.8	20.1	16.3	18.3	17.4	12.4	18.7	21.6	26.3	43.3
8	51.7	29.9	11.7	13.3	21.6	22.8	26.4	15.8	19.8	21.5	25.3	26.8	35.6	31.9	22.8	19.1	17.4	16.5	16.4	17.5	16.3	16.2	15.3	14.3
9	20.4	22.2	48.2	15.6	27.7	16.4	16.6	17.8	19.0	19.0	20.7	22.3	23.7	21.2	19.7	19.0	18.9	17.6	17.6	16.6	21.9	18.1	19.5	16.4
10	21.0	17.7	17.2	23.1	47.2	21.2	14.5	19.5	21.7	23.2	22.3	26.2	28.9	24.5	23.7	19.5	17.3	17.2	14.5	14.5	14.7	15.5	20.0	32.7
11	46.2	10.1	13.0	16.6	44.7	28.6	33.1	65.1	27.2	18.2	18.3	17.5	17.9	18.0	17.1	16.9	18.1	14.8	13.9	14.1	15.3	15.2	15.2	14.7
12	12.6	13.4	13.9	23.3	44.3	19.2	20.3	20.3	18.1	17.5	20.6	18.6	20.2	19.3	16.9	15.0	11.1	11.6	11.3	12.0	15.1	13.3	13.7	17.8
13	12.9	47.2	20.6	33.7	52.6	25.4	31.1	32.8	27.7	55.9	59.2	31.4	54.9	39.6	49.4	49.8	48.6	36.8	19.7	14.2	17.2	14.9	21.7	17.0
14	20.1	44.3	19.7	16.6	43.5	26.7	31.0	18.2	26.0	39.1	58.2	57.4	62.9	45.0	48.9	44.7	45.4	48.5	16.1	17.6	16.9	14.5	13.2	25.0
15	16.3	24.4	21.9	23.4	13.9	19.6	24.2	41.0	37.8	50.4	64.5	45.5	59.7	53.2	63.5	26.6	17.6	16.6	20.7	22.3	17.7	13.3	13.9	14.7
16	18.0	17.4	14.1	16.7	14.8	14.5	18.1	12.8	13.0	25.5	18.0	18.7	17.9	17.5	18.0	16.1	22.9	15.9	13.5	32.0	24.7	21.2	35.9	35.8
17	39.5	19.0	16.4	15.2	10.3	17.8	25.8	37.9	29.0	34.0	56.8	57.4	45.8	20.8	60.6	42.1	45.9	20.5	18.1	17.4	14.8	13.8	30.0	18.5
18	12.4	16.6	17.5	39.4	24.7	29.0	17.6	16.4	17.6	31.1	41.1	30.6	39.6	27.2	30.0	19.1	18.4	18.5	16.9	17.9	17.4	18.3	17.0	18.2
19	15.0	15.1	25.6	51.5	20.3	12.7	12.4	36.6	35.7	26.9	35.0	27.2	33.8	22.9	19.1	19.1	18.4	17.9	15.7	17.2	15.3	15.3	14.9	14.3
20	13.3	13.2	13.2	28.5	18.5	16.1	18.0	17.4	22.3	21.4	23.2	24.5	20.4	21.9	23.0	18.3	18.8	16.3	15.9	13.4	13.3	12.1	12.5	13.9
21	13.3	12.3	13.1	13.1	12.0	12.9	13.6	15.7	16.7	19.2	22.2	23.1	21.1	17.1	17.7	17.6	17.3	14.2	12.6	15.6	13.8	13.9	13.8	13.4
22	14.1	12.7	12.4	12.6	12.2	12.8	12.5	14.3	16.5	15.8	17.9	18.6	18.8	18.4	18.7	17.5	17.5	17.0	16.7	16.8	15.3	14.0	12.7	12.1
23	12.2	12.9	14.6	14.3	14.0	16.4	17.5	19.2	28.5	41.6	57.8	57.2	49.3	67.8	48.8	54.0	27.7	26.1	17.8	17.4	16.3	16.2	16.3	17.4
24	14.9	15.8	15.5	16.4	18.5	42.5	28.6	20.7	28.6	32.8	26.0	32.4	27.1	30.1	23.5	23.0	19.0	17.4	18.0	17.1	18.3	18.2	14.1	15.4
25	11.3	11.9	19.7	17.9	44.5	13.2	31.1	60.8	47.4	26.1	30.4	32.2	37.9	49.5	54.2	48.3	24.0	18.3	14.6	14.0	16.9	13.9	18.8	37.9
26	22.4	49.3	45.6	44.4	24.1	45.1	30.9	34.0	22.3	32.8	34.9	33.4	27.8	25.7	26.0	19.7	18.2	17.8	16.8	17.3	10.6	16.9	32.7	15.5
27	15.5	44.0	11.0	8.3	13.1	12.7	18.3	26.4	54.3	35.9	41.8	26.3	35.7	58.3	25.7	19.4	18.2	18.6	15.0	17.5	16.0	16.4	18.1	62.4
28	33.2	30.3	15.8	11.5	30.5	14.8	27.4	21.6	24.1	39.1	52.4	59.0	56.8	45.1	26.5	21.1	18.1	17.3	16.6	10.5	14.5	16.0	14.8	13.8
29	44.2	26.9	15.1	15.9	30.8	17.1	19.7	22.5	26.3	28.2	43.0	41.5	22.8	31.3	30.2	22.5	47.7	43.8	47.5	14.5	17.0	29.4	45.2	32.8
30	14.5	13.3	17.6	14.8	39.4	30.7	23.6	19.3	29.8	22.1	20.4	24.8	27.4	23.9	20.8	19.4	17.7	15.9	14.9	12.4	13.3	15.1	15.0	14.6
31	17.0	16.9	17.4	29.4	27.4	43.9	14.1	21.2	36.9	53.9	37.7	57.9	51.2	56.8	38.6	60.0	62.1	31.9	15.5	15.3	13.5	13.8	13.6	14.1
AVG.	20.8	21.3	19.1	20.5	24.5	22.0	22.3	24.5	27.7	32.9	37.1	35.8	36.1	31.9	30.8	25.8	23.6	20.2	16.9	16.1	16.0	15.7	18.2	20.2

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Catalina Airport

LATITUDE : 33 degrees 24 minutes 00 seconds

MONTH : July

ELEVATION : 1602 feet

LONGITUDE : 118 degrees 24 minutes 30 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	9.8	9.6	10.3	12.2	12.9	18.0	22.3	41.1	32.8	44.3	21.4	32.3	17.6	12.5	11.7	10.7	9.6	8.6	9.6	31.7	54.2	6.4	7.6	9.3
2	17.6	15.9	55.9	38.8	14.3	30.7	9.6	13.8	19.1	18.9	13.5	17.6	17.3	13.1	12.2	11.5	10.1	15.7	19.0	11.0	16.0	10.9	7.9	11.5
3	10.7	20.0	21.0	9.9	12.5	14.6	18.3	40.8	56.9	67.7	32.1	31.3	15.8	17.4	11.1	8.5	7.7	7.7	6.5	9.9	13.9	17.0	10.0	26.4
4	22.9	13.1	14.8	13.3	13.2	19.4	12.8	13.2	16.5	14.1	14.0	48.3	50.1	50.0	18.3	9.9	9.4	8.2	10.4	13.8	19.1	24.2	9.8	6.7
5	10.1	15.2	19.6	13.4	13.4	17.8	17.0	35.3	70.2	63.0	33.7	30.3	24.0	25.0	11.3	13.4	12.3	9.8	11.6	17.4	10.3	11.3	12.9	11.2
6	16.7	38.9	17.8	19.9	37.2	12.3	60.8	19.1	17.0	17.0	13.6	30.8	32.8	44.7	46.2	58.2	33.3	37.2	64.7	64.8	43.5	34.7	9.9	17.5
7	12.0	8.6	8.0	6.4	7.3	6.1	15.7	18.5	40.1	55.7	40.4	57.8	16.3	43.6	62.5	57.9	43.3	44.5	53.1	14.9	13.2	30.7	22.6	27.8
8	12.2	32.4	51.8	10.7	11.1	8.6	15.0	14.3	19.1	28.0	34.9	56.8	24.3	26.6	36.9	22.4	32.8	19.6	12.1	7.4	6.7	31.3	56.5	9.7
9	12.1	6.8	8.6	11.7	23.1	35.1	32.9	41.8	62.7	63.0	28.1	22.6	18.1	10.8	9.4	7.8	7.8	6.4	7.5	8.3	6.5	5.8	4.9	5.3
10	7.7	7.9	8.1	8.4	7.4	9.6	12.0	9.9	20.3	15.9	17.0	17.0	18.2	16.7	15.9	12.8	8.1	10.4	9.8	8.3	7.1	8.2	9.4	8.4
11	8.0	7.9	8.0	8.3	7.0	6.0	7.9	34.1	20.2	11.4	12.3	8.7	8.2	8.5	7.3	7.2	7.2	6.6	8.4	6.1	6.8	11.2	13.0	23.7
12	13.8	7.3	8.3	7.1	8.8	13.2	53.3	46.0	16.2	9.1	9.8	11.0	10.1	9.9	10.9	10.4	8.8	8.9	11.6	8.9	7.3	8.0	6.7	7.1
13	10.2	11.9	5.4	7.6	8.8	17.7	10.1	16.1	19.1	22.1	22.7	23.3	[CA]	[CA]	[CA]	26.5	18.4	9.8	8.2	5.8	6.2	6.7	9.5	11.2
14	8.7	8.1	11.7	11.5	11.7	33.5	28.5	56.2	67.7	41.0	37.1	62.3	13.2	12.4	10.7	13.8	12.5	14.2	64.8	32.4	15.8	9.4	27.4	33.6
15	33.3	32.7	4.3	7.1	28.0	14.5	48.1	19.5	29.9	58.2	19.4	32.2	23.9	17.7	17.3	14.8	19.4	44.0	22.5	14.7	14.2	18.7	13.7	13.5
16	11.1	25.2	22.4	24.5	49.2	23.8	7.3	8.7	7.1	7.6	35.6	42.3	23.4	23.5	14.8	15.5	14.9	26.4	16.1	8.9	7.0	15.9	22.2	13.6
17	28.8	22.3	10.0	7.7	26.4	29.5	23.7	48.6	25.6	15.7	55.6	18.2	[CA]	[CA]	12.0	11.7	8.8	8.8	8.9	6.8	7.5	7.9	5.5	6.4
18	13.1	17.6	18.1	11.8	11.2	27.3	60.6	36.1	66.9	55.7	30.2	15.2	14.5	19.2	13.3	14.2	14.5	14.2	12.6	9.2	17.1	8.0	9.0	13.2
19	19.4	7.8	10.0	10.5	9.1	9.3	29.6	52.0	14.4	18.9	16.8	14.1	14.1	11.2	11.7	9.2	8.6	7.7	8.5	6.7	9.0	6.1	30.9	18.2
20	9.6	10.4	12.9	42.2	16.3	46.6	22.1	46.2	43.4	13.3	14.1	11.3	13.7	11.2	9.8	9.4	7.5	8.8	9.3	7.6	7.4	6.0	6.2	7.0
21	8.9	24.6	33.5	26.9	35.2	7.4	44.3	28.1	24.9	15.9	13.9	11.3	14.1	11.7	14.1	16.0	8.1	8.4	9.2	7.4	6.8	17.0	9.7	9.8
22	16.2	50.1	25.6	15.2	14.2	29.9	35.9	29.6	17.9	16.4	20.2	21.6	17.6	10.9	10.0	9.4	9.5	8.7	7.6	7.3	9.4	18.2	13.3	10.5
23	8.2	10.7	19.5	6.8	8.8	20.7	39.7	39.9	18.7	22.1	28.0	23.6	12.2	10.2	10.8	10.3	8.1	6.1	5.3	9.2	22.3	8.7	6.7	7.4
24	8.6	6.2	5.9	7.1	10.5	30.1	13.7	35.2	39.6	27.7	26.6	23.8	22.2	23.1	[CA]	[CA]	10.3	13.0	6.4	7.1	3.5	8.3	24.4	28.4
25	14.8	11.8	13.3	15.6	7.4	21.1	59.4	46.8	23.3	25.4	16.6	20.8	23.3	21.3	15.5	20.7	21.6	34.6	44.8	20.8	50.5	6.0	17.0	18.7
26	27.6	8.9	6.8	2.1	5.1	6.3	16.2	20.8	19.7	27.7	59.4	59.6	30.4	37.3	13.3	15.1	11.0	11.2	14.1	8.6	10.4	40.0	8.9	11.3
27	14.4	14.9	5.4	4.7	5.1	5.2	6.9	9.8	10.6	10.2	16.7	25.1	9.1	8.1	7.9	8.8	9.7	9.7	5.9	5.9	7.0	7.0	7.8	7.3
28	7.2	7.3	5.3	6.9	6.9	7.7	7.2	7.8	9.0	15.0	16.2	9.0	20.4	12.2	11.1	10.1	8.2	8.0	7.3	6.8	6.8	7.9	8.3	7.5
29	7.7	6.9	7.4	54.6	29.2	33.7	41.3	22.4	35.7	26.1	34.3	17.1	22.2	27.6	27.8	17.2	30.3	37.5	20.9	33.2	8.4	13.5	18.2	17.8
30	8.9	9.0	12.9	12.0	8.0	7.7	7.0	9.4	19.8	17.5	57.2	32.4	57.5	58.8	79.5	59.9	39.1	28.4	27.5	13.1	19.2	23.3	12.2	18.7
31	10.6	15.5	12.5	9.6	26.0	31.3	8.0	13.8	16.3	66.3	39.3	33.9	19.8	19.9	12.9	18.5	15.6	16.1	32.2	35.3	40.5	40.4	38.9	36.1
AVG.	13.6	15.7	15.3	14.3	15.7	19.2	25.4	28.2	29.1	29.4	26.8	27.8	20.8	21.2	18.8	17.7	15.0	16.1	17.9	14.5	15.3	15.1	14.9	14.7

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Flash II Mountain

LATITUDE : 34 degrees 58 minutes 15 seconds

MONTH : July

ELEVATION : 3325 feet

LONGITUDE : 117 degrees 02 minutes 22 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	11.5	20.4	11.8	8.6	7.9	11.9	12.0	12.2	9.4	16.5	19.0	16.7	24.0	20.0	25.5	13.9	14.3	11.7	10.9	9.1	9.0	8.7	10.6	10.5
2	11.5	10.5	10.1	9.5	9.4	10.1	9.1	17.0	17.3	20.2	28.1	26.2	34.9	22.9	11.9	12.4	11.4	11.0	10.0	9.4	8.5	7.9	7.8	7.3
3	7.8	7.6	7.8	11.4	10.1	8.4	8.1	10.0	15.4	15.4	17.0	18.3	15.6	14.0	12.5	10.8	9.4	11.0	9.7	9.1	8.1	7.4	7.4	7.6
4	8.5	11.3	9.7	8.8	11.3	8.8	15.1	21.5	18.1	17.1	32.5	68.5	56.7	42.5	27.2	43.8	31.9	32.3	26.5	18.5	22.3	11.4	7.6	8.1
5	7.8	8.8	6.3	7.8	7.1	8.7	10.7	13.4	17.3	32.7	27.4	26.0	47.8	25.5	25.0	19.0	20.4	11.5	11.8	14.3	14.9	13.0	10.0	9.9
6	10.8	7.9	8.1	10.7	5.7	12.3	16.0	23.9	24.0	31.0	44.6	45.7	47.7	16.2	14.9	12.6	9.9	12.4	9.7	9.5	8.0	13.3	11.2	10.8
7	11.1	10.2	8.3	16.9	24.1	16.2	19.7	14.3	15.9	27.8	24.5	22.6	41.0	39.7	13.4	14.8	13.6	9.7	22.4	24.2	25.7	25.2	15.7	16.4
8	18.3	10.9	2.7	19.3	22.0	22.2	27.6	27.1	24.9	31.8	34.1	40.1	25.7	22.1	21.0	15.6	23.5	27.0	19.1	23.5	17.6	11.8	11.4	11.1
9	10.8	10.9	7.9	6.7	5.9	23.0	13.2	16.5	23.6	24.7	33.3	39.8	40.6	46.8	49.0	23.7	30.8	26.1	24.5	24.9	25.0	13.0	18.4	17.6
10	12.4	12.4	12.7	13.0	17.6	6.8	9.7	47.5	20.9	30.4	28.7	31.1	27.8	15.4	18.6	15.8	25.0	18.4	23.1	25.7	15.4	21.6	25.3	25.8
11	20.6	26.8	27.4	18.0	14.7	19.5	9.8	15.7	16.9	16.1	22.4	13.4	15.6	14.3	21.5	14.3	15.9	12.0	10.8	11.5	18.0	21.4	27.3	25.6
12	26.8	17.0	10.8	9.9	11.8	20.9	14.8	18.3	27.3	33.1	26.0	12.9	14.9	14.5	15.0	23.7	19.5	24.2	16.8	16.3	17.7	18.1	13.9	11.0
13	13.3	21.2	8.5	6.7	11.4	10.2	13.2	17.6	17.8	28.4	27.9	25.9	33.0	30.8	25.5	19.5	28.8	31.5	11.9	10.3	14.0	7.8	7.8	7.4
14	15.1	23.1	14.7	4.8	7.3	9.4	7.6	5.1	9.2	15.3	58.8	45.1	72.9	47.1	47.4	70.3	49.6	40.5	38.7	12.5	25.6	26.9	8.6	6.9
15	8.0	7.7	18.6	17.8	26.6	22.2	26.8	19.7	16.4	25.1	47.9	43.2	52.1	49.1	31.6	15.5	13.5	12.3	41.6	21.3	18.4	11.1	7.7	9.0
16	17.6	17.9	16.9	25.4	10.3	10.9	45.3	16.6	18.5	11.9	17.9	20.8	12.8	13.1	27.2	31.2	25.4	26.3	27.2	8.6	4.5	17.9	12.3	15.3
17	16.5	8.7	12.2	6.6	7.3	8.1	24.0	30.3	32.3	36.9	39.9	20.9	47.7	18.6	14.6	12.5	13.2	10.8	11.0	10.2	20.0	19.8	24.1	18.5
18	23.3	21.3	24.2	25.8	23.0	16.0	18.2	26.3	23.6	30.3	35.2	37.1	14.3	12.5	10.3	10.3	10.1	12.9	16.1	13.5	10.1	13.1	11.0	16.8
19	16.8	21.2	20.0	6.3	4.0	9.3	12.7	14.1	30.3	23.8	28.3	37.0	13.0	15.6	10.5	12.1	10.8	9.0	10.6	8.0	7.9	7.6	10.4	11.5
20	10.7	18.9	11.0	9.3	19.1	23.9	23.5	25.0	16.9	20.3	24.4	22.4	20.8	17.4	18.0	15.9	12.0	12.9	8.7	8.8	8.2	8.3	12.8	11.1
21	8.6	8.9	11.0	10.0	8.8	10.2	9.5	10.0	15.7	14.0	12.0	14.1	11.9	14.3	13.2	11.0	11.8	15.5	11.3	9.7	8.7	8.0	8.0	7.9
22	7.3	7.4	7.9	7.8	8.6	15.7	13.3	14.2	12.6	19.8	15.1	14.3	15.1	15.7	14.4	14.0	14.7	11.3	16.1	11.2	11.8	13.3	9.5	6.1
23	6.5	7.8	7.1	10.2	11.0	10.5	12.5	25.7	26.5	31.8	31.0	37.9	27.0	25.0	42.7	28.9	28.0	27.9	31.5	20.6	16.4	10.6	7.8	9.2
24	8.1	9.0	7.1	5.2	13.2	24.5	24.2	26.4	24.9	29.2	28.9	25.0	22.1	43.2	46.3	46.4	42.0	29.7	16.0	16.5	21.4	10.6	10.5	9.8
25	9.8	7.6	7.4	6.6	6.4	9.4	9.2	25.3	22.9	21.2	26.5	19.0	25.3	30.4	51.6	32.1	13.5	12.8	10.4	10.1	10.9	20.5	18.0	13.1
26	18.8	21.7	18.9	17.2	9.2	14.2	6.5	7.6	12.3	28.1	19.4	32.4	28.7	39.0	36.2	42.9	30.2	11.2	10.2	8.6	23.4	19.4	16.1	6.3
27	4.9	4.6	3.2	2.6	2.6	2.6	5.2	14.0	14.4	36.3	38.5	35.3	41.7	32.4	32.5	21.2	20.8	24.6	16.5	14.9	27.9	24.7	23.9	22.3
28	12.4	7.4	6.7	5.8	8.4	8.0	12.9	24.0	22.8	29.9	24.7	41.5	44.6	31.6	38.7	49.4	34.3	20.2	22.7	25.4	16.7	22.0	19.1	24.7
29	16.0	8.6	25.6	22.5	8.5	7.3	7.8	19.2	26.3	26.0	30.9	38.1	33.4	35.0	33.5	36.8	29.2	27.1	13.4	5.9	19.3	23.1	12.7	20.8
30	14.1	10.0	7.5	5.9	4.6	13.2	9.1	9.8	22.7	20.0	16.0	27.2	46.5	29.4	11.5	10.1	14.4	18.0	23.3	13.9	16.0	13.0	11.0	7.5
31	8.2	7.9	19.8	22.6	17.1	18.2	15.9	35.6	29.3	18.1	34.4	67.6	56.7	50.3	33.8	35.3	16.6	17.5	8.4	10.6	8.2	9.9	10.9	10.0
AVG.	12.7	12.8	12.0	11.6	11.5	13.3	14.9	19.5	20.2	24.6	28.9	31.2	32.6	27.2	25.6	23.7	20.8	18.7	17.4	14.1	15.5	14.9	13.2	12.8

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Ludlow

LATITUDE : 34 degrees 42 minutes 36 seconds

MONTH : July

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	8.8	13.8	11.5	9.0	8.1	8.6	17.0	39.5	51.3	59.1	35.2	53.9	53.6	63.0	44.8	48.0	49.8	27.4	18.9	6.7	7.2	7.9	9.6	10.2
2	8.8	11.5	7.1	7.2	7.3	7.6	8.1	10.3	17.0	27.5	30.0	54.5	36.5	15.9	15.7	18.0	12.3	9.6	9.0	8.0	7.2	7.7	8.1	13.1
3	15.1	19.2	14.3	14.3	29.9	11.5	8.1	8.4	8.1	9.3	17.2	19.3	16.1	15.7	13.1	14.1	10.4	9.9	7.7	7.3	7.2	8.0	8.2	11.3
4	11.5	13.1	8.1	9.2	10.5	22.1	23.8	30.5	25.8	20.6	27.8	42.0	32.9	41.7	41.2	32.1	51.2	23.8	12.6	15.2	15.2	21.8	9.1	8.3
5	12.6	9.3	9.0	8.5	8.8	9.1	9.7	9.6	24.2	59.0	50.4	17.0	15.8	18.3	19.0	14.3	23.1	17.4	12.6	8.9	10.7	13.2	30.1	44.2
6	12.9	11.0	5.8	5.3	11.7	18.8	38.6	52.9	17.0	17.5	21.8	21.5	15.6	17.5	15.1	14.5	12.6	12.4	10.2	8.5	11.8	10.1	15.3	11.5
7	16.0	12.4	9.5	8.7	9.3	7.8	8.5	10.0	30.3	61.1	55.9	28.1	34.6	20.9	19.1	15.3	23.0	15.9	10.9	28.1	10.2	9.6	10.4	7.6
8	7.9	8.3	8.7	9.1	8.4	8.9	8.5	8.8	9.7	37.0	47.8	60.9	43.8	47.1	30.7	27.5	30.1	12.2	10.9	22.9	8.3	10.3	18.8	24.9
9	9.6	13.8	11.1	8.3	8.3	8.1	7.9	8.7	23.9	42.1	28.0	48.4	36.8	45.0	45.4	33.8	21.1	16.6	13.6	9.6	13.1	7.2	12.3	56.7
10	37.8	37.9	34.9	41.0	26.5	22.4	9.2	25.8	39.8	45.8	44.7	45.5	29.8	23.2	25.8	34.0	17.7	15.5	12.0	8.1	17.8	13.7	29.7	13.6
11	14.0	60.5	48.2	8.3	8.8	8.6	8.4	22.4	46.3	31.0	54.8	69.3	33.1	34.5	32.4	22.7	25.5	25.9	7.1	8.3	13.6	7.4	9.2	11.3
12	11.3	7.8	8.7	8.4	9.0	8.2	15.5	35.8	41.7	48.1	49.2	33.2	53.3	34.8	22.9	21.9	14.7	7.8	7.2	9.4	12.1	13.6	9.3	8.2
13	8.5	8.6	11.4	10.1	9.2	9.8	9.3	9.4	11.6	16.5	42.4	56.8	33.5	59.0	48.0	58.5	39.6	33.2	13.3	22.7	12.3	9.4	11.2	9.4
14	8.1	8.2	9.3	8.7	9.7	8.4	8.8	9.8	17.1	35.5	38.1	38.7	42.8	43.7	63.5	55.5	49.1	43.6	18.0	6.6	5.3	31.7	43.4	12.5
15	13.5	8.3	6.9	10.4	12.4	9.7	11.0	12.4	10.4	25.5	53.1	41.6	62.9	40.5	44.2	44.4	22.9	26.1	14.4	14.8	11.7	11.2	9.8	32.2
16	8.1	8.5	7.8	9.8	10.6	16.6	15.2	18.1	11.1	10.1	15.4	16.5	41.7	35.8	23.4	20.0	21.6	26.5	21.8	9.1	4.9	6.0	26.2	13.8
17	7.2	7.8	14.3	8.6	14.4	12.2	10.1	20.2	51.0	53.3	44.6	36.5	46.3	56.3	54.7	44.1	33.1	38.5	13.8	15.3	10.3	14.9	13.5	8.5
18	11.1	15.3	29.6	26.8	9.1	9.9	8.9	30.4	43.9	48.2	44.7	44.5	45.8	48.2	54.2	44.1	19.4	17.4	9.4	8.0	8.5	11.0	18.5	10.9
19	10.2	14.2	8.3	7.8	7.8	8.0	10.9	9.9	27.3	32.0	61.0	42.9	44.8	76.4	22.8	28.8	23.3	34.4	8.7	7.6	8.3	11.5	16.8	19.3
20	21.1	8.7	8.4	8.4	7.8	8.0	8.2	11.6	33.1	34.9	64.6	36.1	31.6	44.9	42.6	46.5	22.5	46.0	19.4	7.4	8.7	10.8	12.7	16.5
21	8.9	21.7	15.3	12.5	9.3	9.0	9.0	22.6	20.1	26.8	35.8	29.2	29.0	49.1	44.2	36.6	16.4	10.2	7.9	8.0	7.7	6.8	29.9	31.1
22	10.4	45.2	11.4	7.0	20.7	30.9	18.3	14.1	12.7	18.5	17.3	28.8	39.9	53.7	31.2	35.0	14.3	10.1	7.4	6.6	6.8	21.5	14.0	8.6
23	13.9	7.4	8.6	8.5	9.0	7.5	7.4	16.8	41.8	59.5	52.0	41.4	48.9	57.1	50.1	57.3	40.7	20.9	12.7	6.4	9.3	8.0	29.1	8.8
24	7.7	6.6	6.8	9.1	7.9	8.8	9.6	9.9	14.5	35.5	40.3	46.9	43.3	63.8	37.4	24.6	23.9	17.4	10.1	6.5	17.0	16.8	13.6	6.1
25	7.7	7.7	8.0	8.6	10.2	10.3	9.2	8.8	20.3	41.4	55.4	21.2	33.2	29.5	43.1	42.8	24.8	16.9	7.8	8.1	7.2	51.7	18.5	9.2
26	8.4	8.8	8.4	10.4	8.3	8.6	8.6	9.1	17.7	50.8	46.8	49.6	55.2	51.8	33.1	47.0	19.7	20.7	8.3	8.0	10.1	19.1	14.6	8.1
27	6.3	8.0	7.7	7.0	7.5	8.5	7.3	19.1	26.1	41.3	47.7	30.1	63.2	54.4	79.3	58.1	22.5	9.8	8.6	7.2	9.2	11.6	11.2	45.6
28	36.2	17.4	16.9	8.0	8.8	8.6	7.8	8.8	9.6	23.2	27.4	37.0	30.7	59.3	55.6	47.6	42.0	43.1	36.7	6.9	8.7	10.4	37.3	23.6
29	17.4	10.6	7.7	8.3	9.3	9.0	10.5	9.6	9.8	13.4	27.8	60.3	41.3	44.9	44.4	24.5	12.4	6.6	6.6	7.6	16.1	22.5	16.0	29.0
30	13.7	31.0	14.2	11.4	8.9	13.8	12.8	8.7	13.1	34.8	52.1	59.2	25.4	21.5	19.5	15.1	20.3	13.5	8.0	11.5	8.3	8.6	10.0	11.9
31	9.5	22.8	13.3	10.4	8.7	9.1	9.1	12.2	30.3	36.5	56.2	59.1	66.2	61.4	47.4	50.7	31.4	15.8	14.2	21.8	19.0	21.1	7.5	8.0
AVG.	12.7	15.7	12.6	10.6	10.8	11.2	11.5	16.9	24.4	35.3	41.5	41.0	39.6	42.9	37.5	34.8	25.5	20.8	12.3	10.7	10.4	14.0	16.9	17.2

OZONE TRANSPORT CORRIDORS STUDY

SITE NAME : Palmdale

ELEVATION : 2760 feet

PARAMETER : Standard Deviation of Wind Direction (Sigma Theta)

LATITUDE : 34 degrees 33 minutes 26 seconds

LONGITUDE : 118 degrees 06 minutes 46 seconds

T & B SYSTEMS, INC.

MONTH : July

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	7.1	6.0	27.9	12.1	7.3	6.9	5.6	6.4	8.7	12.8	13.9	12.0	9.2	9.8	10.1	8.6	9.2	10.1	7.7	9.6	21.3	17.4	13.5	10.5
2	8.6	14.3	12.8	8.3	8.1	10.2	14.6	14.7	13.2	12.2	10.3	9.4	10.0	8.6	8.6	8.1	8.1	8.4	8.9	8.0	9.0	17.3	10.2	9.5
3	9.4	10.8	12.1	18.3	12.1	14.2	10.2	12.4	16.7	13.6	12.6	13.6	13.1	10.4	10.1	12.0	11.2	11.0	10.8	15.2	10.2	10.9	15.0	13.5
4	9.4	6.8	6.0	21.0	25.4	12.1	30.2	25.9	28.1	36.0	41.8	53.5	50.2	37.7	11.3	8.6	7.4	40.8	64.9	28.7	14.4	28.7	32.5	21.8
5	24.9	13.5	7.5	10.3	8.6	17.3	20.8	20.1	36.9	40.8	26.1	54.1	21.2	14.8	14.0	14.0	9.3	8.2	7.2	6.6	48.2	81.5	43.6	21.5
6	8.5	24.0	37.0	29.0	38.9	10.9	27.2	18.5	18.9	22.5	22.0	53.1	11.1	18.8	20.3	17.6	11.9	9.8	7.0	13.0	67.8	47.3	46.3	36.5
7	27.1	23.9	12.7	8.1	6.8	3.9	26.4	26.8	29.0	32.8	52.8	26.7	13.7	27.5	18.5	14.0	8.4	9.8	8.0	9.9	53.6	55.0	43.0	65.0
8	56.8	33.8	22.5	38.8	26.5	43.4	33.6	38.1	52.9	39.6	17.8	22.6	22.2	14.4	15.2	11.0	9.5	8.4	9.1	48.9	35.4	54.6	67.0	35.4
9	29.0	44.0	24.5	61.7	33.3	15.2	22.3	32.2	22.7	13.6	20.9	19.4	13.3	13.1	14.5	11.4	9.6	9.4	7.6	7.3	9.1	51.2	42.5	22.7
10	12.3	9.7	12.2	29.1	49.7	52.7	38.3	19.2	35.7	16.5	14.9	13.4	12.5	10.8	11.4	10.4	8.7	8.0	15.9	46.7	34.4	50.8	17.7	12.3
11	64.4	54.7	43.9	56.4	36.4	29.8	11.6	8.2	11.6	14.2	12.1	11.7	12.1	15.6	12.8	11.9	12.7	10.8	9.1	6.6	6.9	8.0	15.8	11.9
12	10.6	30.9	46.6	17.9	42.5	20.6	17.7	35.9	60.4	40.0	17.0	16.2	14.4	12.1	11.2	12.8	11.5	11.5	8.6	13.0	20.8	47.5	25.7	29.2
13	16.6	9.3	22.8	52.3	53.9	19.2	24.4	25.7	37.6	33.5	45.2	40.2	60.0	56.0	41.8	33.1	11.1	7.5	11.8	32.2	51.7	35.0	29.3	13.2
14	8.1	7.6	24.8	20.0	16.3	14.4	38.4	22.4	39.9	38.1	37.2	40.6	42.5	51.8	51.4	30.5	12.5	11.9	8.7	7.1	43.4	51.3	32.3	15.1
15	9.0	12.5	12.8	34.6	19.0	14.7	36.7	44.9	32.2	43.4	39.1	40.0	55.7	42.9	9.0	9.6	8.7	12.9	11.2	7.9	7.5	8.9	9.9	8.8
16	31.2	21.4	50.3	15.8	8.9	8.7	8.8	8.9	11.3	8.2	14.1	16.1	11.3	39.7	10.2	10.7	14.0	11.7	10.0	40.2	19.7	14.7	7.4	36.7
17	37.6	25.3	62.5	52.3	33.6	11.6	21.0	20.9	21.9	32.8	33.9	55.6	50.0	23.7	17.9	10.5	8.4	8.9	7.3	7.4	7.4	6.3	46.4	49.8
18	38.0	47.7	46.7	50.2	58.8	49.3	51.7	23.2	40.1	23.1	24.0	24.2	19.3	16.0	12.3	12.5	13.5	11.9	11.6	11.1	45.6	22.2	40.8	13.2
19	46.5	14.1	57.6	39.0	36.2	41.4	55.0	10.5	15.1	16.8	19.3	16.6	16.3	13.3	12.8	16.2	11.9	10.3	8.5	6.9	7.1	28.2	19.2	54.9
20	59.8	43.6	46.8	56.8	66.6	55.2	51.0	50.7	19.4	14.4	11.1	11.7	11.6	13.2	14.2	13.8	10.8	8.8	8.9	31.0	21.5	21.3	18.6	16.0
21	11.1	10.6	12.2	18.5	59.3	55.1	32.1	9.6	8.9	9.3	10.5	13.0	14.5	15.5	11.5	10.3	11.7	10.9	7.6	9.7	10.9	12.0	10.0	10.0
22	9.2	12.7	10.9	8.6	8.4	7.7	9.4	9.3	14.3	11.5	10.9	12.9	13.9	14.7	13.8	10.8	11.4	9.8	13.5	13.5	9.7	12.7	12.0	10.8
23	15.2	31.2	59.6	14.9	36.9	20.4	28.1	49.3	50.4	50.5	41.8	62.4	47.5	65.3	38.9	9.1	10.0	8.5	9.6	28.5	52.2	30.6	23.4	13.5
24	8.7	7.3	8.8	12.0	10.4	8.5	33.9	18.4	26.3	38.2	53.6	9.8	12.2	15.7	11.4	9.6	10.3	8.6	53.2	71.1	61.1	18.1	57.7	23.5
25	14.4	18.6	30.6	37.6	29.6	11.5	8.2	45.5	51.8	42.4	45.2	19.2	15.2	12.9	12.8	9.9	9.2	8.1	7.5	6.3	21.5	42.9	43.0	74.3
26	56.9	27.9	54.6	68.9	28.3	17.4	38.7	23.0	46.0	37.3	52.4	22.0	21.3	13.5	15.5	16.5	12.1	8.8	7.5	35.3	54.5	11.4	11.5	47.9
27	71.1	48.9	60.9	56.6	34.4	18.4	48.3	26.6	20.0	32.8	34.2	19.1	23.8	20.4	20.2	16.0	10.9	9.3	7.2	9.8	6.8	30.8	36.7	10.9
28	5.4	3.5	5.4	8.8	6.9	12.0	33.4	24.0	18.5	34.5	28.6	46.0	41.7	39.0	20.3	10.2	8.6	7.9	33.0	12.3	6.3	13.1	8.8	9.8
29	6.4	6.5	6.4	7.2	19.3	23.2	35.1	15.9	26.0	24.2	23.7	55.8	50.0	17.0	15.9	15.5	13.1	12.1	18.3	32.7	41.0	38.5	6.8	8.1
30	6.0	31.0	9.9	37.0	23.7	35.2	26.7	32.1	59.2	59.7	18.7	9.6	8.1	9.0	7.8	8.8	8.3	7.5	50.5	40.7	13.8	14.1	16.1	24.4
31	14.6	14.1	11.3	69.4	66.3	28.7	17.4	24.9	51.9	44.8	31.8	62.2	52.7	48.1	15.3	15.5	8.9	24.1	40.5	54.2	7.1	8.9	6.8	6.2
AVG.	23.7	21.5	27.8	31.3	29.4	22.3	27.6	24.0	29.9	28.7	27.0	28.5	24.9	23.3	16.5	13.2	10.4	11.2	15.8	21.7	26.4	28.7	26.1	23.8

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Quartzite Mountain

LATITUDE : 34 degrees 36 minutes 38 seconds

MONTH : July

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	7.0	7.7	9.6	8.8	8.3	7.6	7.4	8.1	7.9	10.3	12.9	10.3	7.8	7.5	6.3	5.9	7.0	10.0	11.8	8.3	6.5	9.2	16.5	19.1
2	19.4	17.1	14.5	16.3	11.5	13.4	14.7	13.8	19.2	19.6	20.9	21.0	27.9	25.2	9.0	14.9	27.0	30.2	23.4	11.2	11.5	14.2	12.3	12.6
3	13.4	16.3	18.4	19.8	15.1	16.0	15.4	21.4	25.9	27.6	33.4	24.0	24.8	23.5	22.1	26.2	22.5	19.1	19.8	17.0	19.2	19.5	17.6	18.8
4	20.7	21.8	25.5	22.9	23.2	19.9	8.0	25.6	27.1	47.9	65.0	61.7	63.6	72.1	53.8	24.0	50.6	24.3	24.0	23.5	27.6	19.6	16.1	17.4
5	21.4	21.0	19.8	18.3	13.1	10.4	7.1	22.2	52.7	35.6	16.5	8.9	9.0	8.6	7.8	7.2	7.3	6.4	7.0	8.4	11.9	22.2	31.7	11.7
6	9.5	7.2	11.3	10.3	9.4	25.4	22.1	23.7	16.4	18.1	9.2	8.0	9.0	10.8	11.3	10.3	9.8	8.5	8.7	7.0	10.0	8.4	14.0	7.6
7	7.0	18.2	20.8	22.0	7.4	4.6	25.8	52.3	50.1	14.7	10.6	7.5	7.6	8.3	9.9	10.3	11.0	10.5	9.1	9.4	11.9	10.2	7.7	8.1
8	9.8	8.8	5.6	4.8	4.2	11.3	5.6	7.7	11.0	18.7	11.4	8.0	8.2	8.1	8.4	10.3	5.5	5.1	6.9	6.9	7.1	7.6	8.8	11.9
9	6.8	6.5	5.0	5.3	28.0	38.8	17.3	26.4	32.8	31.4	49.6	54.8	38.9	14.7	7.9	6.8	7.9	7.3	19.8	25.6	25.8	24.0	18.2	16.9
10	19.5	18.9	12.2	7.0	14.0	8.7	9.1	27.7	30.1	39.4	37.0	24.4	6.8	8.1	9.1	6.3	8.7	22.5	19.0	19.0	12.0	15.8	19.8	20.2
11	14.0	21.1	17.7	5.1	4.0	11.1	41.8	18.9	14.0	16.1	16.3	11.0	7.5	6.7	6.0	5.9	7.1	6.1	5.5	5.8	6.1	6.5	8.0	18.5
12	10.7	13.7	10.6	8.9	7.4	17.6	18.1	17.7	19.8	41.0	36.0	16.7	10.0	9.4	7.0	7.1	9.4	29.3	28.4	30.2	22.0	22.4	20.1	20.6
13	15.8	20.9	6.7	5.3	20.2	12.1	19.3	38.6	26.0	21.7	22.2	31.5	62.3	46.5	27.4	28.1	47.3	27.6	6.7	7.7	17.8	7.0	7.2	5.6
14	12.0	8.7	13.3	19.7	34.4	12.6	10.3	17.7	26.8	81.0	63.2	28.6	24.4	24.3	28.4	16.8	17.1	8.6	6.9	13.6	27.7	12.6	22.8	22.6
15	24.3	24.4	24.0	11.9	8.3	9.1	18.1	48.3	47.1	56.5	34.2	29.8	15.6	21.8	7.8	23.3	9.4	11.8	9.2	9.4	8.3	7.4	17.4	8.7
16	20.1	22.0	9.0	8.0	6.4	5.9	5.3	5.5	32.9	5.6	7.7	9.1	32.6	55.3	12.7	21.2	11.1	10.1	11.7	11.4	9.5	7.1	4.9	4.9
17	5.9	6.2	7.1	6.4	6.5	5.7	4.5	5.4	7.5	10.9	12.6	14.2	9.1	7.6	6.5	6.0	5.6	5.1	5.1	5.4	6.9	8.8	9.8	12.5
18	10.6	23.5	7.1	11.4	7.8	7.2	10.4	31.2	23.9	32.3	25.8	10.2	6.5	7.8	8.6	7.0	7.2	6.1	8.1	9.4	6.7	8.8	8.7	7.9
19	10.9	8.0	6.5	12.0	10.7	7.9	7.4	8.0	8.2	6.2	6.3	6.7	6.5	6.3	6.4	6.8	6.4	6.0	7.1	7.7	8.8	7.3	8.3	8.9
20	10.1	7.1	8.0	10.2	5.7	7.7	6.5	6.0	13.1	28.8	34.1	24.4	13.3	7.5	6.4	5.9	5.3	5.7	7.4	8.4	11.1	15.8	11.2	16.8
21	20.0	13.7	12.1	9.0	7.9	7.9	15.8	14.6	13.6	14.3	21.2	29.2	27.2	30.7	28.5	33.2	30.5	16.1	22.4	16.5	12.1	15.7	17.3	13.7
22	16.8	13.8	11.5	8.8	9.7	11.4	11.4	10.9	18.9	19.2	26.7	22.6	27.7	30.1	27.6	33.6	36.9	33.9	33.7	20.1	11.6	9.7	10.5	8.4
23	10.5	10.9	10.9	7.9	11.2	14.2	17.9	17.1	42.6	23.9	66.6	45.3	24.2	30.3	27.5	21.5	10.0	9.1	7.4	19.1	21.5	13.3	14.6	16.1
24	10.1	14.7	20.6	17.1	13.8	5.1	6.6	15.2	28.3	53.8	20.6	24.6	20.1	28.7	9.6	7.5	5.5	4.6	8.6	16.0	16.2	3.6	3.3	5.6
25	5.6	6.5	8.0	9.1	7.5	7.6	10.2	16.9	13.1	17.6	15.4	19.7	12.1	10.9	8.0	9.1	5.3	4.3	6.1	10.3	10.0	8.5	8.6	10.0
26	7.2	6.7	5.1	7.0	7.9	6.4	7.3	10.9	10.0	17.9	12.2	10.4	7.5	6.3	6.2	6.2	6.2	6.5	6.4	7.9	10.5	9.0	8.0	9.5
27	9.1	9.0	7.3	5.7	6.9	3.0	7.5	38.4	29.3	64.7	47.5	53.2	8.6	7.9	7.8	9.1	8.5	11.7	18.3	27.1	23.2	22.6	11.3	20.8
28	17.2	11.6	14.5	5.7	14.9	32.3	37.2	48.3	38.6	41.2	28.1	16.3	54.4	58.4	31.3	43.0	26.5	26.5	9.0	9.3	9.9	4.2	4.5	5.8
29	10.3	50.3	49.9	39.7	19.3	4.4	14.1	75.6	87.0	49.7	64.7	52.9	51.5	52.7	29.5	39.1	22.7	5.1	12.8	8.1	6.5	21.0	14.6	14.9
30	22.6	16.8	10.4	6.7	7.1	6.0	5.4	4.8	9.8	14.3	21.0	14.8	14.2	9.7	18.2	28.3	56.7	8.4	8.1	15.4	15.1	7.6	10.1	8.0
31	7.8	5.0	4.5	4.8	11.2	28.0	17.5	53.9	58.1	57.8	71.5	50.1	29.6	28.2	47.2	23.2	13.6	10.3	11.6	20.4	13.2	12.5	9.2	11.9
AVG.	13.1	14.8	13.1	11.5	11.7	12.2	13.7	23.6	27.2	30.3	29.7	24.2	21.6	21.7	16.3	16.3	16.3	12.8	12.6	13.4	13.5	12.3	12.7	12.8

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Shadow Mountain

LATITUDE : 34 degrees 44 minutes 15 seconds

MONTH : July

ELEVATION : 4120 feet

LONGITUDE : 117 degrees 33 minutes 54 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	6.0	9.1	4.5	3.9	4.9	4.1	5.1	7.8	10.8	18.1	21.4	27.6	42.2	23.5	29.0	17.0	9.4	7.9	6.5	6.2	5.6	4.7	4.0	3.9
2	3.9	3.9	3.6	4.3	4.0	4.0	5.7	7.1	10.5	14.0	14.7	12.4	14.2	12.3	12.6	8.5	7.8	8.1	6.2	5.0	5.2	5.7	4.8	4.3
3	4.6	5.5	5.3	5.5	5.0	4.3	5.9	6.1	8.0	8.8	9.1	11.6	11.2	9.4	8.3	7.2	6.8	6.4	5.6	6.0	5.9	5.3	5.5	4.7
4	4.7	4.3	3.9	4.7	3.8	3.3	5.5	7.3	17.6	40.2	38.5	39.1	40.9	46.6	66.1	41.5	23.6	10.9	7.6	5.9	4.2	3.7	4.2	4.7
5	3.3	3.4	3.5	4.0	3.1	1.9	4.6	8.6	16.1	28.5	45.8	23.7	28.1	33.6	35.5	52.0	64.9	15.0	8.7	6.8	6.4	5.6	5.6	5.4
6	4.3	3.9	3.9	5.1	7.7	3.5	4.8	13.5	42.3	51.9	16.9	12.9	22.7	17.2	11.6	9.8	9.9	7.8	16.4	10.7	6.7	6.7	4.5	4.0
7	5.1	4.0	4.3	3.0	2.1	2.5	4.5	44.3	40.9	45.2	15.1	18.3	30.6	24.2	35.6	15.6	19.2	11.4	6.8	9.8	4.8	4.0	4.1	3.8
8	7.5	19.3	48.7	12.2	16.9	33.5	13.1	43.1	37.7	51.7	59.6	55.5	45.9	46.1	40.6	40.6	11.0	6.9	6.6	7.9	6.4	5.9	4.6	4.0
9	3.5	2.6	4.3	6.0	3.9	5.6	7.0	6.9	9.3	11.4	18.6	26.3	26.1	23.5	14.1	11.9	8.5	7.5	6.7	5.6	5.0	4.3	4.9	5.4
10	5.5	3.7	4.7	5.8	6.7	6.3	5.5	6.4	17.9	18.4	19.4	25.3	20.7	34.4	19.7	12.9	8.1	8.1	7.4	5.3	5.8	5.2	4.4	4.1
11	3.5	3.3	3.3	4.1	3.9	4.4	6.2	6.5	7.2	9.4	16.0	17.2	13.8	10.4	10.0	9.8	8.1	8.1	6.3	4.7	3.6	8.5	6.7	4.9
12	4.5	4.4	4.9	4.9	5.2	5.6	6.6	6.7	8.7	11.9	15.5	18.4	21.1	16.4	15.6	12.0	9.2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	41.1	31.3	30.5	31.0	11.2	5.4	4.7	4.3	3.2
14	5.7	7.4	44.3	6.4	60.4	36.5	24.6	29.7	38.2	40.5	28.9	35.5	26.0	17.2	15.8	34.5	23.8	51.2	11.2	6.5	5.8	6.5	5.7	3.8
15	3.1	2.8	2.3	2.7	3.5	2.1	5.2	10.5	54.7	35.0	38.1	25.8	60.1	29.8	20.1	27.2	16.0	7.2	7.0	9.4	6.4	4.6	5.0	13.7
16	5.7	9.9	5.3	4.0	4.4	8.4	6.5	15.5	8.4	9.8	5.8	6.4	10.2	21.6	26.5	36.3	33.6	24.0	22.5	11.0	7.1	6.5	3.5	5.8
17	9.4	14.2	6.4	6.5	4.7	6.1	6.9	11.6	23.2	27.2	30.6	39.7	65.3	57.0	61.2	27.2	11.1	8.6	8.2	6.8	5.9	9.3	7.7	3.4
18	3.9	4.0	3.3	3.3	3.3	3.3	6.1	9.9	18.8	39.7	49.9	24.0	31.7	17.9	14.5	12.6	11.1	10.3	6.9	6.2	5.0	4.6	5.0	3.9
19	3.8	3.6	4.1	4.3	3.7	4.8	38.9	34.5	58.8	41.8	52.0	66.6	36.3	38.3	45.4	11.8	11.1	9.3	6.8	4.9	3.2	3.0	2.6	3.8
20	4.3	4.8	5.2	5.5	4.7	4.7	7.1	9.1	9.9	11.4	23.4	22.4	26.7	16.8	11.7	10.3	9.6	9.1	6.1	5.2	3.9	4.9	5.6	5.3
21	5.1	5.4	5.4	4.8	4.1	3.8	4.3	6.4	8.2	9.9	11.7	11.1	10.1	10.5	9.5	8.9	9.2	7.3	6.1	5.7	5.8	5.3	4.9	4.7
22	5.0	4.9	4.8	3.4	3.6	4.3	5.4	7.0	8.5	9.6	10.8	12.3	11.2	9.5	10.8	9.6	7.9	6.7	5.7	5.0	4.9	5.4	4.6	4.8
23	4.4	5.0	4.1	3.4	2.9	2.8	5.0	6.4	8.4	24.1	40.0	60.8	38.3	37.4	31.0	30.4	31.9	16.1	5.9	5.6	6.4	5.4	5.6	4.6
24	4.8	4.0	2.7	3.0	1.6	3.2	3.3	6.2	9.8	22.0	29.0	36.4	29.5	30.1	23.1	19.4	15.0	7.9	6.4	5.6	4.0	4.3	3.9	4.8
25	4.4	3.9	4.5	3.4	4.2	3.9	3.5	10.2	48.7	46.5	39.2	25.2	24.3	26.6	30.3	20.5	27.4	11.3	6.7	5.3	4.8	3.1	4.2	25.4
26	39.6	9.1	9.8	6.5	5.7	42.8	18.9	18.2	49.4	37.5	52.8	33.6	37.2	27.8	21.5	20.4	13.3	7.7	6.9	5.2	4.6	3.2	3.0	2.7
27	2.1	2.2	2.3	1.6	1.9	4.6	20.4	39.5	57.8	61.2	39.7	33.1	40.9	64.3	25.6	14.9	11.8	8.4	6.5	5.0	4.2	5.6	3.8	4.2
28	3.8	4.0	7.1	15.7	7.6	33.8	51.3	37.7	55.0	53.5	48.8	42.7	57.6	50.6	28.3	17.5	9.6	8.4	5.3	5.9	7.0	5.0	4.6	4.9
29	6.3	4.0	6.2	4.6	2.9	3.8	16.4	14.8	20.5	27.6	43.5	32.2	50.0	45.6	30.8	49.5	43.2	61.1	31.9	10.3	9.6	7.0	4.2	4.1
30	3.6	3.8	2.7	3.3	5.3	8.9	12.4	29.2	26.0	16.0	20.1	20.8	36.2	36.8	12.5	13.0	12.7	12.2	7.2	6.3	6.6	3.9	3.9	3.1
31	3.5	3.5	4.2	4.3	3.9	4.4	5.1	8.5	17.9	44.3	35.3	56.9	54.1	57.1	37.5	46.3	36.8	14.3	6.4	5.9	5.4	4.8	3.9	3.9
AVG.	5.8	5.5	7.3	5.0	6.5	8.7	10.5	15.6	25.0	28.9	29.7	29.1	32.1	29.7	25.2	22.3	17.8	13.7	9.3	6.7	5.5	5.2	4.6	5.3

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 : July

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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	77.0	76.7	76.5	76.3	75.8	74.7	73.2	71.6	70.3	69.3		
9	68.6	68.1	67.8	67.6	67.5	67.4	67.8	68.8	69.8	70.9	72.0	73.3	74.8	76.1	76.9	76.8	76.5	76.3	75.9	74.7	73.1	71.7	70.5	69.7	76.9	67.4
10	69.0	68.5	68.2	68.0	67.8	67.7	67.9	20.8	21.0	21.6	22.3	23.1	23.8	24.3	24.5	24.5	24.3	24.1	23.6	22.9	22.1	21.4	20.8	20.4	69.0	20.4
11	20.1	20.0	19.9	19.8	19.7	19.7	19.8	20.1	20.5	21.0	21.5	22.2	22.9	23.6	24.2	24.3	24.2	24.0	23.7	23.1	22.2	21.3	20.6	20.1	24.3	19.7
12	20.0	19.9	19.7	19.5	19.1	18.8	19.0	19.6	[CA]	[CA]	22.5	23.6	23.3	23.3	23.3	23.3	23.3	23.3	23.1	22.5	21.7	20.9	20.5	20.0		
13	19.4	18.7	18.0	17.3	16.9	16.5	16.7	17.9	19.1	20.1	20.9	21.5	22.1	22.5	22.9	23.2	23.4	23.5	23.4	22.8	21.9	21.2	20.6	20.2	23.5	16.5
14	20.0	19.9	20.0	20.0	20.0	20.0	20.0	20.4	21.0	21.7	22.4	23.2	24.0	24.6	24.7	24.7	24.7	24.6	24.4	23.9	22.9	22.0	21.3	20.8	24.7	19.9
15	20.4	20.2	20.0	19.9	19.8	19.8	20.0	20.5	21.3	22.1	22.8	23.6	24.4	25.0	25.5	25.7	25.5	24.9	24.0	23.0	22.1	21.4	20.8	20.5	25.7	19.8
16	20.3	20.2	20.0	19.9	19.8	19.7	19.6	19.7	19.7	19.8	19.8	19.9	20.1	20.3	20.3	20.5	21.2	21.9	22.4	22.3	21.7	21.0	20.5	20.1	22.4	19.6
17	20.0	19.9	20.0	20.0	19.9	19.8	19.7	19.9	20.2	20.5	21.0	21.5	22.0	22.6	23.0	23.3	23.5	23.7	23.6	23.1	22.2	21.4	20.8	20.3	23.7	19.7
18	20.1	19.9	19.8	19.8	19.8	19.8	19.8	20.2	20.7	21.3	21.9	22.6	23.3	23.7	24.0	24.0	23.9	23.9	23.8	23.3	22.4	21.5	20.8	20.4	24.0	19.8
19	20.1	19.9	19.9	19.9	19.8	19.7	19.8	20.1	20.5	21.0	21.5	22.0	22.5	23.0	23.3	23.5	23.5	23.5	23.4	22.9	22.0	21.2	20.6	20.2	23.5	19.7
20	19.9	19.9	19.8	19.6	19.4	19.2	19.4	19.7	20.1	20.6	21.2	21.8	22.5	23.1	23.5	23.8	23.8	23.6	23.3	22.7	21.7	21.0	20.4	20.1	23.8	19.2
21	20.0	19.7	19.4	19.0	18.7	18.5	18.7	19.3	19.8	20.3	20.9	22.5	23.5	23.6	23.5	23.5	23.6	23.6	23.3	22.7	21.8	21.0	20.5	20.2	23.6	18.5
22	20.0	19.7	19.2	18.7	18.3	18.0	18.2	18.9	19.5	20.0	20.6	21.2	21.8	22.3	22.6	23.0	23.2	23.3	23.2	22.6	21.7	21.0	20.5	20.3	23.3	18.0
23	20.2	20.0	19.9	19.7	19.5	19.3	19.5	19.9	20.5	21.2	21.9	22.6	23.2	23.7	24.1	24.2	24.2	24.2	23.9	23.3	22.5	21.7	21.1	20.7	24.2	19.3
24	20.4	20.2	20.0	19.9	19.9	19.9	20.0	20.3	20.8	21.4	22.1	23.0	23.8	24.4	24.9	25.2	25.0	24.7	24.3	23.6	22.7	21.9	21.3	20.9	25.2	19.9
25	20.6	20.3	20.1	19.9	19.9	19.9	19.9	20.3	21.4	23.2	24.5	25.6	26.2	26.2	26.2	26.3	26.0	25.5	25.0	24.2	23.3	22.5	21.8	21.2	26.3	19.9
26	20.8	20.5	20.3	20.2	20.1	20.1	20.3	20.8	21.6	22.6	23.6	24.4	25.1	25.7	26.3	26.6	26.5	26.2	25.6	24.7	23.6	22.8	22.2	21.8	26.6	20.1
27	21.5	21.3	21.1	21.0	20.9	20.8	21.0	21.6	22.3	23.1	24.0	25.0	25.6	26.0	26.5	26.9	27.5	27.7	26.9	25.7	24.5	23.5	22.6	22.0	27.7	20.8
28	21.5	21.2	20.9	20.8	20.6	20.6	20.8	21.3	22.1	22.9	23.6	24.1	24.6	25.5	26.2	27.1	27.9	28.0	27.3	26.0	24.7	23.6	23.0	22.4	28.0	20.6
29	21.9	21.5	21.3	21.1	20.9	20.8	20.8	21.3	22.1	22.9	24.0	24.6	25.0	25.2	25.9	26.3	26.5	25.9	25.2	24.5	23.6	22.8	22.3	21.9	26.5	20.8
30	21.7	21.6	21.4	21.3	21.3	21.2	21.3	21.7	22.4	23.1	24.0	24.7	25.1	25.5	25.8	26.1	26.2	26.1	25.8	24.8	23.7	22.7	22.0	21.5	26.2	21.2
31	21.1	20.8	20.6	20.5	20.5	20.5	20.6	21.1	21.6	22.2	22.7	23.4	23.9	24.4	25.2	27.5	30.9	32.9	31.3	27.9	25.4	23.8	22.7	22.0	32.9	20.5
AVG.	24.7	24.4	24.2	24.1	23.9	23.8	23.9	22.4	23.1	23.8	24.4	25.2	25.8	26.3	28.8	29.0	29.2	29.2	28.8	28.0	26.9	26.0	25.4	24.9		

OZONE TRANSPORT CORRIDORS STUDY

T & B SYSTEMS, INC.

SITE NAME : Boron

LATITUDE : 35 degrees 01 minutes 00 seconds

MONTH : July

ELEVATION : 2460 feet

LONGITUDE : 117 degrees 39 minutes 00 seconds

YEAR : 1995

PARAMETER : Shelter 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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	25.5	25.0	24.1	23.0	22.0	21.3	20.8		
13	20.4	20.2	20.1	19.7	19.0	18.3	17.8	18.7	19.9	21.2	22.4	23.6	24.5	25.3	25.8	26.2	26.3	26.6	26.6	26.0	24.5	22.9	21.7	20.9	26.6	17.8
14	20.3	19.7	19.3	18.9	18.5	18.3	18.3	18.8	19.9	21.1	22.3	23.5	24.4	25.2	25.6	25.8	25.9	25.9	25.7	25.1	24.2	23.2	22.3	21.6	25.9	18.3
15	21.1	20.7	20.5	20.1	19.7	19.4	19.2	19.7	20.9	22.2	23.5	24.5	25.2	25.8	26.2	26.4	26.1	25.5	24.7	23.9	23.3	22.8	22.3	21.9	26.4	19.2
16	21.6	21.5	21.3	21.0	20.7	20.6	20.5	20.9	21.5	21.8	21.8	21.8	21.9	22.0	22.0	21.9	22.0	22.5	22.9	22.6	21.9	21.1	20.6	20.0	22.9	20.0
17	19.7	19.3	19.1	18.9	18.7	18.5	18.5	19.2	20.2	21.2	22.3	23.2	24.1	24.7	25.1	25.3	25.3	25.1	24.8	24.2	23.3	22.4	21.7	21.0	25.3	18.5
18	20.5	20.0	19.6	19.4	19.2	19.0	19.0	19.6	20.6	21.7	22.8	23.7	24.5	25.1	25.5	25.8	25.8	25.6	25.0	24.2	23.2	22.3	21.5	20.8	25.8	19.0
19	20.3	20.0	19.8	19.5	19.2	19.0	19.0	19.5	20.5	21.6	22.6	23.5	24.3	24.9	25.3	25.4	25.4	25.2	24.7	24.6	24.8	24.1	22.4	21.3	25.4	19.0
20	20.6	20.2	19.9	19.6	19.3	19.1	19.2	19.8	20.6	21.6	22.6	23.5	24.2	24.8	25.1	25.3	25.4	25.3	24.9	24.2	23.2	22.2	21.5	21.0	25.4	19.1
21	20.6	20.4	20.1	19.6	19.3	19.4	19.5	20.1	20.8	21.7	22.7	23.5	24.2	24.7	25.1	25.3	25.3	25.1	24.8	24.1	23.1	22.2	21.5	20.9	25.3	19.3
22	20.5	20.2	20.0	19.8	19.7	19.6	19.6	19.9	20.5	21.4	22.3	23.2	24.0	24.5	24.9	25.2	25.4	25.2	24.7	23.9	22.9	22.0	21.3	20.8	25.4	19.6
23	20.4	20.1	20.0	19.8	19.6	19.4	19.4	19.8	20.7	21.7	22.8	23.8	24.6	25.0	25.2	25.5	25.6	25.6	25.4	24.9	24.0	23.0	22.1	21.4	25.6	19.4
24	20.8	20.4	20.0	19.7	19.4	19.1	19.1	19.5	20.5	21.6	22.7	23.7	24.5	25.1	25.4	25.6	25.8	25.7	25.6	25.0	24.0	23.1	22.3	21.7	25.8	19.1
25	21.1	20.6	20.2	19.8	19.5	19.2	19.0	19.5	20.5	21.7	22.8	23.8	24.6	25.3	25.8	26.3	26.4	26.3	25.9	25.4	24.4	23.3	22.3	21.4	26.4	19.0
26	20.7	20.3	19.9	19.4	19.1	18.9	18.8	19.3	20.5	21.9	23.2	24.3	25.1	26.0	29.0	31.0	30.7	29.2	27.6	26.3	24.9	23.7	22.8	22.2	31.0	18.8
27	21.6	21.2	20.9	20.5	20.1	19.8	19.7	20.3	21.7	23.1	24.2	25.1	26.2	27.2	27.9	28.4	28.6	28.2	27.3	26.2	25.2	24.1	23.3	22.7	28.6	19.7
28	22.2	21.6	21.0	20.6	20.2	19.8	19.8	20.3	21.5	22.8	24.1	25.2	26.4	27.6	28.6	29.4	29.5	28.5	27.2	26.1	25.1	24.2	23.4	22.9	29.5	19.8
29	22.4	21.9	21.3	20.8	20.4	20.2	20.0	20.6	21.7	23.0	24.1	25.1	26.3	27.5	28.4	28.9	29.1	28.3	26.9	27.6	28.8	26.8	24.5	23.0	29.1	20.0
30	22.0	21.3	20.8	20.4	20.1	19.9	19.8	20.2	21.2	22.4	23.7	24.7	25.6	26.7	27.8	28.4	28.5	28.2	27.2	26.1	25.0	24.1	23.2	22.5	28.5	19.8
31	22.1	21.6	21.2	20.9	20.6	20.3	20.1	20.6	21.5	22.6	23.8	24.9	25.6	26.4	27.1	27.8	27.9	27.6	27.0	26.2	25.2	24.3	23.5	22.9	27.9	20.1
AVG.	21.0	20.6	20.3	19.9	19.6	19.4	19.3	19.8	20.8	21.9	23.0	23.9	24.7	25.5	26.1	26.5	26.6	26.3	25.7	25.0	24.2	23.2	22.3	21.6		

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 : July
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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	26.9	26.9	27.0	27.0	26.9	26.9	26.9		
13	26.8	26.8	26.7	26.7	26.6	26.5	26.4	26.3	26.3	26.4	26.4	26.5	[ ]	[ ]	[ ]	27.3	27.2	27.0	27.0	26.9	26.7	26.6	26.4	26.3		
14	26.2	26.1	26.1	26.0	25.9	25.8	25.7	25.7	25.6	25.7	25.8	25.9	26.1	26.3	26.5	26.6	26.8	26.9	27.0	27.1	27.1	27.1	27.1	27.1	27.1	25.6
15	27.0	26.9	26.9	26.8	26.7	26.6	26.5	26.5	26.5	26.6	26.7	26.8	27.0	27.1	27.3	27.5	27.6	27.8	27.9	27.9	27.9	27.9	27.8	27.7	27.9	26.5
16	27.6	27.4	27.3	27.2	27.2	27.1	26.9	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.0	27.1	27.2	27.4	27.5	27.6	27.6	27.6	27.6	27.5	27.6	26.8
17	27.5	27.4	27.3	27.2	27.0	26.9	26.8	26.8	26.7	26.7	26.8	26.9	[ ]	27.1	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.5	28.4	28.3		
18	28.3	28.2	28.2	28.1	28.0	28.0	27.9	27.9	28.0	28.1	28.2	28.4	28.6	28.8	29.0	29.1	29.3	29.4	29.4	29.4	29.2	29.1	28.9	28.8	29.4	27.9
19	28.6	28.5	28.3	28.1	28.0	27.8	27.6	27.5	27.4	27.4	27.5	27.6	27.7	27.8	27.9	28.0	28.1	28.1	28.2	28.2	28.1	28.1	28.0	27.8	28.6	27.4
20	27.6	27.5	27.3	27.1	26.9	26.8	26.7	26.7	26.7	26.8	27.0	27.1	27.3	27.5	27.6	27.8	28.0	28.1	28.2	28.3	28.2	28.1	28.0	27.9	28.3	26.7
21	27.7	27.6	27.5	27.5	27.4	27.3	27.3	27.2	27.2	27.3	27.4	27.5	27.6	27.8	27.9	28.1	28.2	28.2	28.3	28.2	28.2	28.1	27.9	27.8	28.3	27.2
22	27.7	27.6	27.5	27.4	27.3	27.2	27.1	27.0	27.0	27.0	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.8	27.9	27.9	27.9	27.8	27.9	27.0
23	27.8	27.8	27.8	27.7	27.6	27.6	27.5	27.5	27.5	27.5	27.6	27.6	27.8	27.8	27.9	28.0	28.1	28.2	28.3	28.3	28.2	28.2	28.1	28.1	28.3	27.5
24	28.0	28.0	27.9	27.8	27.8	27.7	27.7	27.6	27.5	27.6	27.7	27.8	28.0	28.1	[ ]	28.4	28.3	28.3	28.5	28.5	28.5	28.4	28.4	28.3		
25	28.3	28.2	28.1	28.0	27.9	27.8	27.7	27.6	27.5	27.5	27.6	27.7	27.8	27.9	28.1	28.2	28.3	28.5	28.6	28.7	28.7	28.7	28.7	28.6	28.7	27.5
26	28.6	28.5	28.4	28.4	28.3	28.3	28.2	28.2	28.1	28.2	28.3	28.5	28.7	28.9	29.1	29.3	29.6	29.8	30.0	30.1	30.0	30.0	29.9	29.9	30.1	28.1
27	29.9	29.8	29.8	29.7	29.6	29.5	29.4	29.3	29.4	29.5	29.6	29.8	30.0	30.2	30.5	30.6	30.7	30.8	30.9	30.8	30.7	30.6	30.5	30.4	30.9	29.3
28	30.3	30.2	30.2	30.2	30.3	30.3	30.4	30.5	30.6	30.8	31.1	31.4	31.5	31.7	31.9	32.1	32.2	32.3	32.3	32.3	32.1	31.9	31.7	31.6	32.3	30.2
29	31.5	31.5	31.4	31.4	31.5	31.5	31.6	31.6	31.7	31.9	32.0	32.3	32.5	32.8	33.1	33.4	33.6	33.8	33.9	33.8	33.7	33.6	33.4	33.2	33.9	31.4
30	32.9	32.7	32.5	32.3	32.1	31.9	31.7	31.6	31.6	31.6	31.7	31.8	31.9	32.0	32.2	32.3	32.4	32.5	32.5	32.5	32.3	32.1	31.9	31.7	32.9	31.6
31	31.4	31.2	31.0	30.8	30.6	30.5	30.4	30.3	30.3	30.3	30.3	30.5	30.6	30.7	30.9	31.1	31.3	31.4	31.6	31.6	31.6	31.5	31.5	31.4	31.6	30.3
AVG.	28.6	28.5	28.4	28.3	28.2	28.2	28.1	28.0	28.0	28.1	28.2	28.3	28.7	28.7	29.0	29.0	29.1	29.1	29.2	29.2	29.1	29.0	29.0	28.9		

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 : July

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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	34.0	33.7	33.2	32.3	31.2	30.0	29.0		
13	28.3	27.5	26.5	25.7	25.1	24.8	24.5	24.3	24.4	25.1	26.2	27.7	29.4	31.1	33.4	34.9	35.8	36.5	37.1	37.0	36.4	35.4	34.0	32.7	37.1	24.3
14	31.4	30.3	29.4	28.9	28.6	28.3	28.5	29.0	29.9	30.9	31.8	32.7	32.0	31.3	32.1	32.5	31.9	31.1	30.9	30.4	29.3	28.3	27.4	26.9	32.7	26.9
15	26.6	26.4	26.0	27.3	28.7	27.5	27.9	28.9	28.4	29.7	30.9	30.7	30.6	30.7	30.7	30.4	30.0	29.8	29.4	28.8	28.2	27.8	27.9	28.3	30.9	26.0
16	28.7	28.7	28.8	28.9	29.0	29.3	29.4	29.4	29.1	28.9	28.9	29.0	28.8	28.5	28.2	27.8	27.5	27.5	27.7	28.0	28.3	28.6	28.9	29.1	29.4	27.5
17	29.1	29.1	29.3	29.4	29.2	29.1	29.0	29.1	29.0	29.2	28.8	28.5	28.6	28.5	28.6	28.7	28.6	28.5	28.2	27.9	28.0	28.1	28.2	28.3	29.4	27.9
18	28.5	28.5	28.6	28.6	28.6	28.6	28.7	28.9	28.8	28.3	27.5	27.4	27.6	28.1	28.3	28.2	28.2	28.1	27.9	27.6	27.8	28.1	28.5	28.7	28.9	27.4
19	28.8	28.9	28.9	29.0	28.9	29.2	29.5	29.7	29.5	28.8	28.0	27.8	28.1	28.5	28.7	28.5	28.4	28.2	27.8	27.5	27.9	28.3	28.7	29.0	29.7	27.5
20	29.2	29.3	29.2	29.2	29.0	28.8	28.6	28.6	28.5	28.3	27.7	27.3	27.4	27.7	27.8	27.9	28.0	27.8	27.6	27.7	28.2	28.1	28.3	28.6	29.3	27.3
21	28.9	29.1	29.5	30.0	30.5	31.0	31.7	31.6	31.2	30.3	29.7	28.8	28.3	28.1	27.9	27.8	27.7	27.4	27.2	27.6	28.3	29.2	30.6	31.4	31.7	27.2
22	31.0	31.6	32.5	33.0	33.1	33.0	32.2	31.8	31.2	30.6	29.6	28.7	28.4	28.3	28.2	28.1	28.1	27.8	27.4	27.5	28.0	28.5	29.1	29.7	33.1	27.4
23	30.9	31.0	31.7	32.7	32.3	32.2	32.6	32.1	31.6	30.6	29.2	28.6	28.7	29.1	29.4	29.5	29.6	29.6	29.4	29.0	28.3	28.3	28.8	29.4	32.7	28.3
24	29.7	30.0	30.4	30.3	30.3	30.5	30.3	30.1	30.1	29.2	28.2	28.1	28.4	28.9	29.4	29.7	30.0	30.2	30.1	29.7	28.8	27.8	27.9	28.1	30.5	27.8
25	28.3	28.6	28.8	29.1	29.6	29.6	29.4	29.5	29.2	28.9	28.2	28.1	28.5	29.1	29.6	30.0	30.3	30.4	30.3	29.9	29.2	28.4	27.8	27.6	30.4	27.6
26	27.6	27.7	27.8	27.9	27.9	27.9	28.0	28.1	27.9	27.3	27.3	27.8	28.5	29.3	29.9	30.3	30.5	30.6	30.4	30.0	29.4	28.6	27.7	27.5	30.6	27.3
27	27.5	27.6	27.7	27.8	27.8	27.8	27.9	27.7	27.3	27.5	28.0	29.0	30.6	31.9	32.4	32.3	32.2	32.0	31.7	31.2	30.4	29.6	28.8	28.2	32.4	27.3
28	27.6	27.2	26.8	27.0	27.2	27.4	27.7	28.0	27.4	27.5	28.1	29.0	30.0	30.8	31.5	31.8	32.0	32.0	31.9	31.4	30.7	29.8	29.2	28.6	32.0	26.8
29	28.2	27.8	27.5	27.5	27.5	27.1	27.3	26.9	26.9	27.3	28.1	29.2	30.1	30.7	31.1	31.5	31.7	31.3	30.2	29.2	28.7	28.5	28.1	27.7	31.7	26.9
30	27.1	26.6	26.6	27.0	27.3	27.5	27.7	28.3	28.1	28.0	28.4	29.1	29.9	30.6	31.0	30.9	30.7	30.5	29.9	29.3	29.0	28.5	28.0	27.4	31.0	26.6
31	27.0	27.2	27.4	27.8	28.1	28.2	28.4	28.6	29.0	28.4	28.5	29.1	30.0	30.5	30.9	31.1	31.3	31.4	31.2	30.7	30.0	29.6	29.1	28.6	31.4	27.0
AVG.	28.7	28.6	28.6	28.8	28.9	28.8	28.9	29.0	28.8	28.7	28.6	28.8	29.2	29.6	30.0	30.1	30.1	30.2	30.0	29.7	29.4	29.0	28.8	28.7		

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 : July

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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	22.9	22.8	22.8	22.7	22.6	22.6	22.5		
13	22.5	22.4	22.4	22.4	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.5	22.6	22.6	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.3
14	22.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.8	23.2	23.4	23.3	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.0	22.9	22.8	22.8	22.6	23.4	22.3
15	22.4	22.3	22.1	21.9	21.8	21.7	21.7	21.7	21.7	22.0	22.3	22.5	22.7	22.9	23.1	23.2	23.2	23.2	23.1	23.1	23.1	22.9	22.6	22.3	23.2	21.7
16	22.1	22.0	21.9	21.9	21.9	21.9	21.8	21.8	22.0	22.2	22.0	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.8	21.8	21.7	21.7	21.7	21.7	22.2	21.7
17	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.8	21.9	22.1	22.4	22.7	22.9	23.0	23.0	23.0	23.0	22.9	22.8	22.7	22.5	23.0	21.7
18	22.3	22.1	21.9	21.8	21.7	21.7	21.7	21.7	21.7	21.8	22.1	22.3	22.6	23.1	23.2	23.1	23.1	23.1	23.1	23.0	23.0	22.9	22.8	22.5	23.2	21.7
19	22.3	22.0	21.9	21.8	21.7	21.7	21.7	21.6	21.7	21.7	21.8	22.0	22.3	22.6	22.8	22.9	23.0	23.0	23.0	23.0	22.9	22.8	22.6	22.3	23.0	21.6
20	22.1	22.0	21.8	21.8	21.7	21.7	21.6	21.7	22.2	22.1	22.2	22.4	22.6	22.8	23.1	24.0	23.8	23.4	23.2	23.1	22.9	22.8	22.7	22.5	24.0	21.6
21	22.2	22.0	21.9	21.7	21.7	21.6	21.6	21.6	21.7	21.9	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.7	22.7	22.6	22.5	22.5	22.4	22.3	22.7	21.6
22	22.2	22.2	22.1	22.1	22.0	22.0	22.0	22.0	22.0	22.1	22.2	22.3	22.3	22.4	22.5	22.6	22.7	22.7	22.8	22.7	22.6	22.5	22.4	22.3	22.8	22.0
23	22.2	22.1	22.1	22.1	22.0	22.0	22.0	22.0	22.1	22.1	22.2	22.2	22.3	22.4	22.6	22.7	22.8	22.8	22.8	22.7	22.6	22.5	22.4	22.4	22.8	22.0
24	22.3	22.2	22.1	22.1	22.0	22.0	22.0	22.0	21.9	22.0	22.1	22.3	22.4	22.5	22.7	22.8	22.9	22.9	22.9	22.9	22.8	22.7	22.6	22.5	22.9	21.9
25	22.4	22.3	22.2	22.1	22.0	22.0	22.0	22.0	22.0	22.1	22.2	22.3	22.5	22.7	22.8	23.0	23.0	23.0	23.0	22.9	22.8	22.7	22.6	22.5	23.0	22.0
26	22.4	22.3	22.2	22.2	22.1	22.1	22.0	22.0	22.1	22.2	22.3	22.4	22.5	22.7	22.9	23.0	23.1	23.1	23.1	23.1	23.0	22.9	22.8	22.6	23.1	22.0
27	22.5	22.5	22.4	22.3	22.2	22.2	22.2	22.5	23.0	23.0	22.9	22.8	22.9	23.0	23.2	23.3	23.3	23.3	23.3	23.3	23.2	23.1	23.0	22.9	23.3	22.2
28	22.7	22.6	22.5	22.4	22.3	22.2	22.1	22.0	22.1	22.3	22.5	22.8	23.0	23.2	23.3	23.4	23.5	23.5	23.4	23.4	23.3	23.2	23.2	23.1	23.5	22.0
29	23.0	22.9	22.7	22.5	22.2	22.0	21.9	21.9	22.0	22.2	22.5	22.8	23.0	23.2	23.4	23.5	23.5	23.6	23.6	23.5	23.4	23.3	23.2	23.1	23.6	21.9
30	22.9	22.8	22.6	22.4	22.3	22.3	22.2	22.3	22.5	22.6	22.7	22.9	23.1	23.3	23.3	23.3	23.3	23.4	23.4	23.3	23.2	23.2	23.1	23.0	23.4	22.2
31	22.9	22.8	22.5	22.3	22.2	22.1	21.9	21.9	21.9	22.0	22.2	22.5	22.8	23.0	23.1	23.3	23.3	23.3	23.3	23.2	23.1	23.1	23.0	23.0	23.3	21.9
AVG.	22.4	22.3	22.2	22.1	22.0	22.0	21.9	22.0	22.1	22.2	22.3	22.4	22.6	22.7	22.9	23.0	23.0	23.0	23.0	22.9	22.9	22.8	22.7	22.6		

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 : July
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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	23.5	22.1	20.8	20.1	19.7	19.4	19.2		
13	19.1	19.0	19.0	19.0	19.0	19.1	19.0	19.0	19.0	19.0	19.2	19.4	19.5	19.6	19.7	20.1	20.5	20.9	20.9	20.4	19.9	19.6	19.4	19.2	20.9	19.0
14	19.0	18.9	18.9	18.8	18.8	18.8	18.8	18.9	18.9	18.9	19.1	19.2	19.4	20.0	20.8	21.5	22.1	22.4	22.4	21.9	21.0	20.3	19.9	19.6	22.4	18.8
15	19.3	19.1	19.0	19.0	18.9	18.9	18.9	18.9	18.9	19.0	19.1	19.5	20.2	21.1	22.0	22.5	22.6	22.4	22.0	21.4	20.7	20.1	19.8	19.6	22.6	18.9
16	19.4	19.3	19.2	19.0	18.9	18.9	18.9	18.9	19.0	19.1	19.1	19.1	19.1	19.1	19.3	19.3	19.2	19.2	19.3	19.3	19.4	19.4	19.3	19.2	19.4	18.9
17	19.1	19.1	19.0	19.0	19.0	18.9	18.9	19.0	19.0	19.0	19.2	19.3	19.4	19.8	20.5	21.0	21.4	21.5	21.2	20.6	20.0	19.8	19.6	19.4	21.5	18.9
18	19.2	19.0	19.0	18.9	18.8	18.8	18.8	18.9	18.9	18.9	19.0	19.1	19.5	20.0	20.5	20.9	21.1	21.1	20.9	20.3	19.9	19.7	19.5	19.3	21.1	18.8
19	19.2	19.0	19.0	18.9	18.8	18.8	18.8	18.9	18.8	18.9	19.0	19.1	19.2	19.9	22.7	24.2	23.9	22.8	21.8	20.8	20.2	19.9	19.5	19.3	24.2	18.8
20	19.1	19.0	19.0	18.9	18.9	18.9	18.9	19.0	19.0	19.0	19.1	19.2	19.3	19.4	19.6	19.9	20.0	20.8	21.0	20.3	19.9	19.5	19.4	19.3	21.0	18.9
21	19.2	19.2	19.1	19.1	19.1	19.0	19.1	19.1	19.0	19.0	19.1	19.2	19.2	19.5	22.2	23.3	22.4	21.6	20.8	20.2	19.9	19.6	19.3	19.2	23.3	19.0
22	19.0	19.0	18.9	18.9	18.9	18.9	18.8	18.8	18.8	18.8	18.9	19.1	19.2	19.4	19.8	20.2	20.6	20.7	20.5	20.0	19.8	19.7	19.5	19.2	20.7	18.8
23	19.1	19.0	18.9	18.9	18.8	18.8	18.8	18.9	18.9	18.9	19.1	19.1	19.5	20.3	21.1	22.1	22.8	23.1	22.9	22.2	21.2	20.4	20.0	19.7	23.1	18.8
24	19.4	19.2	19.1	19.0	19.0	18.9	18.9	18.9	18.9	19.0	19.1	19.4	20.0	20.7	21.4	22.0	22.4	22.5	22.3	21.5	20.6	20.1	19.8	19.4	22.5	18.9
25	19.2	19.0	18.9	18.9	18.8	18.8	18.8	18.8	18.8	18.8	19.0	19.2	19.8	20.7	21.8	23.8	25.0	25.0	24.0	22.9	21.6	20.6	20.0	19.6	25.0	18.8
26	19.3	19.1	19.0	18.9	18.9	18.8	18.8	18.8	18.8	18.9	18.9	19.2	20.0	21.0	22.0	22.6	23.1	23.2	23.1	22.5	21.4	20.4	19.8	19.5	23.2	18.8
27	19.4	19.3	19.2	19.1	19.1	19.1	19.1	19.0	19.0	19.0	19.3	20.3	21.5	22.6	23.4	24.1	24.5	24.6	24.3	23.6	22.5	21.4	20.5	20.0	24.6	19.0
28	19.8	19.5	19.4	19.1	19.0	19.0	19.0	18.9	19.0	19.0	19.3	20.0	21.2	22.3	22.8	22.8	23.1	23.4	23.3	22.7	21.9	21.0	20.2	19.8	23.4	18.9
29	19.6	19.5	19.3	19.2	19.1	19.1	19.0	18.9	19.0	19.0	19.4	20.3	21.4	22.6	23.8	24.6	25.1	25.3	25.1	24.4	23.3	22.0	20.9	20.1	25.3	18.9
30	19.8	19.6	19.4	19.3	19.2	19.1	19.0	18.9	19.0	19.1	19.5	20.3	21.4	22.3	23.1	23.6	23.8	23.8	23.5	22.8	21.8	20.8	20.1	19.7	23.8	18.9
31	19.6	19.5	19.4	19.3	19.2	19.1	19.0	19.0	18.9	19.0	19.2	19.9	20.8	22.4	27.0	31.6	32.5	30.4	28.0	25.9	24.1	22.5	21.1	20.0	32.5	18.9
AVG.	19.3	19.2	19.1	19.0	19.0	18.9	18.9	18.9	18.9	19.0	19.1	19.5	20.0	20.7	21.8	22.6	23.0	22.9	22.5	21.7	21.0	20.3	19.9	19.5		

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 : July

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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	22.8	22.5	22.1	22.9	24.6	25.7	26.2		
13	26.5	26.5	26.5	25.9	25.3	25.4	25.5	25.6	26.3	26.7	25.3	23.8	23.0	22.8	22.7	22.7	22.7	22.6	22.4	22.1	21.8	22.0	22.5	23.4	26.7	21.8
14	24.9	25.9	26.0	24.2	22.9	23.7	24.2	23.8	24.2	23.5	23.1	23.1	23.4	23.8	24.0	24.2	24.3	24.3	24.2	24.0	23.7	23.3	23.0	22.6	26.0	22.6
15	22.2	21.9	23.0	24.8	26.1	26.0	24.2	22.9	22.3	22.2	22.5	22.9	23.5	24.0	24.2	24.4	24.4	24.3	24.2	23.9	23.5	23.1	22.7	22.3	26.1	21.9
16	22.0	21.7	21.5	21.9	23.4	24.8	25.7	26.4	26.9	27.2	27.4	27.6	27.9	27.7	25.9	24.5	23.7	23.1	22.6	22.2	22.3	23.8	25.4	26.4	27.9	21.5
17	27.1	27.6	27.9	28.0	28.1	28.1	28.1	28.3	28.6	28.8	27.2	25.8	25.0	24.8	24.7	24.6	24.4	24.2	23.9	23.5	23.1	22.6	22.2	21.8	28.8	21.8
18	21.5	21.4	22.6	24.2	25.4	26.2	26.7	27.3	27.8	26.8	26.1	25.9	26.2	26.5	26.4	25.8	25.3	24.9	24.5	24.0	23.5	23.0	22.5	22.1	27.8	21.4
19	22.7	24.2	25.5	26.4	26.9	27.4	27.7	28.0	28.5	29.1	29.0	27.2	25.8	25.1	24.8	24.5	24.3	24.1	23.8	23.4	22.9	22.4	22.0	22.3	29.1	22.0
20	23.8	25.0	25.9	26.5	26.9	27.1	27.2	27.5	28.1	27.9	25.8	25.3	25.3	25.1	25.0	24.7	24.4	24.0	23.6	23.1	22.5	22.0	21.5	21.9	28.1	21.5
21	23.5	24.9	25.8	26.3	26.7	26.8	27.0	27.2	27.6	27.1	25.3	24.2	23.7	23.5	23.4	23.4	23.3	23.2	23.0	22.7	22.3	21.9	22.0	23.4	27.6	21.9
22	24.7	25.6	26.1	26.4	26.5	26.5	26.5	26.6	26.8	26.9	25.4	24.1	23.4	23.1	23.0	23.0	22.9	22.8	22.6	22.3	22.0	21.6	21.6	23.0	26.9	21.6
23	24.3	25.3	25.9	26.3	26.5	26.7	26.8	27.0	27.5	26.8	25.2	24.3	24.0	24.1	24.2	24.3	24.4	24.3	24.2	23.9	23.6	23.3	22.9	22.5	27.5	22.5
24	22.0	21.7	22.4	24.0	25.3	26.3	27.0	27.5	27.7	26.2	25.1	24.7	24.7	25.0	25.3	25.5	25.6	25.6	25.3	24.9	24.5	24.1	23.7	23.2	27.7	21.7
25	22.7	22.2	21.7	21.5	22.8	24.4	25.6	26.7	27.7	27.2	25.9	25.2	25.0	25.2	25.5	25.7	25.8	25.8	25.6	25.3	24.8	24.4	23.9	23.5	27.7	21.5
26	23.0	22.6	22.2	21.7	21.3	20.9	20.7	21.0	21.8	22.3	22.7	23.2	23.8	24.4	25.0	25.3	25.5	25.5	25.4	25.1	24.8	24.5	24.2	23.9	25.5	20.7
27	23.6	23.2	22.9	22.6	22.3	22.0	21.8	21.8	22.0	22.4	23.1	23.8	24.5	25.2	25.8	26.3	26.5	26.7	27.5	27.8	27.3	26.6	26.0	25.4	27.8	21.8
28	24.9	24.5	24.1	23.6	23.3	22.9	22.7	22.6	23.0	23.9	24.5	25.0	25.5	26.1	26.6	26.9	27.0	27.0	26.9	26.7	26.4	26.0	25.7	25.3	27.0	22.6
29	24.9	24.5	24.2	23.8	23.5	23.1	22.9	22.7	22.9	23.3	23.8	24.4	25.0	25.7	26.3	26.5	26.6	26.4	26.1	25.8	25.5	25.2	24.9	24.6	26.6	22.7
30	24.3	23.9	23.6	23.3	23.1	22.8	22.7	22.6	22.6	22.9	23.3	24.0	24.7	25.3	25.9	26.1	26.8	28.8	30.6	31.9	32.7	33.1	33.3	33.4	33.4	22.6
31	33.4	33.3	33.3	33.2	33.1	33.1	33.1	33.3	33.7	34.3	35.1	36.0	36.9	37.2	36.0	35.1	34.1	33.1	32.3	31.5	30.7	29.9	29.2	28.5	37.2	28.5
AVG.	24.3	24.5	24.8	25.0	25.2	25.5	25.6	25.7	26.1	26.1	25.6	25.3	25.3	25.5	25.5	25.4	25.4	25.2	25.1	24.8	24.5	24.4	24.2	24.3		

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 : July

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	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	25.8	26.1	26.4	26.5	26.4	26.2	25.9		
13	25.5	25.2	24.8	24.4	24.0	23.6	23.2	22.9	22.6	22.4	22.3	[CA]	[CA]	[CA]	[CA]	24.4	24.6	24.7	25.0	25.2	25.4	25.4	25.4	25.3		
14	25.1	24.9	24.7	24.4	24.2	24.0	23.7	23.6	23.5	23.4	23.4	23.6	23.9	24.2	24.7	25.2	25.7	26.1	26.6	27.0	27.2	27.4	27.4	27.3	27.4	23.4
15	27.2	27.0	26.8	26.6	26.4	26.1	26.0	25.8	25.7	25.7	25.7	25.8	26.1	26.5	26.9	27.3	27.7	28.1	28.3	28.4	28.4	28.3	28.2	28.0	28.4	25.7
16	27.8	27.5	27.3	27.1	26.9	26.7	26.5	26.2	25.8	25.6	25.4	25.3	25.2	25.1	25.0	25.0	25.1	25.2	25.4	25.6	25.8	25.8	25.8	25.7	27.8	25.0
17	25.6	25.4	25.3	25.1	24.8	24.6	24.4	24.2	24.1	24.0	24.0	24.1	24.3	24.7	25.2	25.7	26.1	26.5	26.9	27.1	27.3	27.3	27.2	27.1	27.3	24.0
18	26.9	26.6	26.4	26.0	25.8	25.5	25.2	25.1	24.9	24.8	24.7	24.8	25.0	25.3	25.7	26.1	26.5	26.8	27.2	27.4	27.5	27.5	27.4	27.2	27.5	24.7
19	27.0	26.7	26.4	26.0	25.7	25.4	25.1	24.9	24.7	24.5	24.5	24.6	24.8	25.1	25.5	25.9	26.3	26.7	27.1	27.3	27.4	27.4	27.2	27.0	27.4	24.5
20	26.7	26.4	26.0	25.7	25.4	25.1	24.8	24.6	24.4	24.3	24.2	24.2	24.4	24.6	25.0	25.3	25.8	26.1	26.5	26.7	26.8	26.8	26.6	26.4	26.8	24.2
21	26.2	25.9	25.6	25.3	25.0	24.7	24.4	24.3	24.3	24.2	24.0	24.0	24.1	24.3	24.6	25.0	25.4	25.7	26.0	26.3	26.3	26.3	26.1	26.0	26.3	24.0
22	25.7	25.4	25.1	24.8	24.4	24.2	23.9	23.6	23.5	23.3	23.2	23.3	23.5	23.6	24.0	24.4	24.8	25.3	25.6	25.9	26.0	26.0	25.8	25.7	26.0	23.2
23	25.4	25.1	24.8	24.4	24.2	23.9	23.6	23.5	23.4	23.2	23.2	23.3	23.5	23.9	24.3	24.9	25.4	26.0	26.5	27.0	27.3	27.5	27.4	27.3	27.5	23.2
24	27.0	26.8	26.5	26.1	25.8	25.6	25.3	25.0	24.8	24.7	24.7	24.7	24.9	25.2	25.7	26.2	26.7	27.3	27.8	28.1	28.3	28.4	28.3	28.1	28.4	24.7
25	27.8	27.5	27.1	26.8	26.5	26.2	25.9	25.7	25.5	25.4	25.3	25.5	25.7	26.0	26.4	26.9	27.4	27.9	28.4	28.8	29.1	29.2	29.1	29.0	29.2	25.3
26	28.8	28.5	28.3	27.9	27.6	27.3	27.1	26.8	26.7	26.6	26.6	27.2	27.5	27.7	28.1	28.6	29.1	29.5	29.9	30.2	30.4	30.5	30.5	30.3	30.5	26.6
27	30.1	29.9	29.6	29.4	29.2	29.0	28.8	28.6	28.5	28.5	28.5	28.6	28.9	29.2	29.7	30.1	30.6	31.0	31.4	31.7	31.8	31.8	31.7	31.6	31.8	28.5
28	31.3	31.1	30.8	30.5	30.2	30.0	29.7	29.5	29.3	29.2	29.2	29.4	29.6	30.0	30.4	30.9	31.4	31.8	32.2	32.5	32.6	32.6	32.5	32.3	32.6	29.2
29	32.1	31.8	31.5	31.2	30.9	30.7	30.4	30.2	30.1	30.0	30.0	30.0	30.3	30.6	31.0	31.5	31.9	32.0	32.0	31.9	31.8	31.6	31.5	31.3	32.1	30.0
30	31.1	30.9	30.6	30.4	30.2	30.0	29.9	29.7	29.6	29.5	29.6	29.7	29.9	30.2	30.6	31.0	31.3	31.4	31.7	31.9	32.0	32.0	31.9	31.7	32.0	29.5
31	31.4	31.1	30.8	30.4	30.1	29.8	29.6	29.4	29.2	29.1	29.0	29.0	29.2	29.5	29.9	30.3	30.7	31.2	31.5	31.8	31.9	31.8	31.7	31.5	31.9	29.0
AVG.	27.8	27.6	27.3	27.0	26.7	26.4	26.2	26.0	25.8	25.7	25.7	26.0	26.2	26.4	26.8	27.1	27.5	27.8	28.1	28.4	28.5	28.5	28.4	28.2		

APPENDIX A

Zero Precision Span Check Reports

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP Station ID BAL Location BALDY MESA

Analyzer Make/Model OASIS i 1003-A-H Serial No 3150 Range 0-500 ppb

GENERAL	Date 1995	7/2	7/12	7/21	7/25	7/25	8/8
	Date of Last Calibration	6/7	6/7	7/12	7/12	7/12	7/12
	Station Operator	RCH	DVN/RH	RWA	DVN	DVN	RWA
	Check is U or A (1)	U	U	U	U	U (AS LEFT)	U
	Sample Flow Rate (2 LPM)	2	2	2	2	2	2.1
	Analyzer Span Number	60.550	60.550	60.550	60.550	60.550	60.550
	Sample Frequency (40.0 - 48.0)	47.071	45.210	44.1	43.642	45.883	44.212
	Control Frequency (21.0 - 28.0)	24.806	23.699	23.1	~~23.008~~ 22.896	22.725	21.862
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	1	2	-1	0	0	1
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECESION	Known Input Concentration, ppb	—	90	N/A	98	—	99
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	—	89	—	89	—	93
	DAS Error Δ% (3)	—	-1.1	—	-9.2	—	-6.1
	Pass? (4) (Yes / No)	—	Y	—	Y	—	Y
SPAN	Known Input Concentration, ppb	430	416	419	436	449	392
	DVM Volts	—	—		—	—	—
	Observed DAS Response, ppb	433	407	407	407	422	372
	DAS Error Δ% (3)	0.6	-2.2	-2.9	-6.7	-6.0	-5.1
	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

7/2/95 O_3 off for Cal's 21:48 - 22:20 PST

7/12/95 O_3 offline for calibration: 08:36 - ~~10:15~~ 10:30 PST

7/21/95 O_3 offline for Z/S 11:09 - 11:53

7/25/95 O_3 offline for ZPS 09:01 - 12:00

8/8/95 O_3 offline for multipoint cal 14:48 - 15:52

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP Station ID BOR Location BORON

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

GENERAL	Date 1995	7-3	7-13	7-19	7-26	8-8	8-8
	Date of Last Calibration	6-7-95	6-7-95	7-13	7-13	7-13	8-8
	Station Operator	RCH	RH/DVN	RCH	DVN	RCH	RCH
	Check is U or A (1)	U	U	U	U	U	A
	Sample Flow Rate (2 LPM)	2	2	1.8	2	2	2
	Analyzer Span Number	57.550	57.550	57.550	57.550	57.550	57.550
	Sample Frequency (40.0 - 48.0)	41.887	41.317	40.9	39.584	39.352	43.697
	Control Frequency (21.0 - 28.0)	27.557	27.502	27.4	26.750	26.578	22.478
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	1	0	0	0	-4.6	-4.6
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECISION	Known Input Concentration, ppb	N/A	94	N/A	82	98.6	N/A
	DVM Volts		—	—	—		
	Observed DAS Response, ppb	N/A	95	—	80	92.3	
	DAS Error Δ% (3)	N/A	1.1	—	-2.4	-6.4	
	Pass? (4) (Yes / No)	N/A	Y	—	Y	Y	
SPAN	Known Input Concentration, ppb	421	415	430	400	409	418
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	415	422	437	394	395	403
	DAS Error Δ% (3)	-1.4	1.7	1.6	-1.5	-3.5	-3.5
	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

INTERNAL TEMP 7-13-95 @ 19:00 26.3 °C

O_3 OFF LINE
7-3-95 19:30 - 20:22
7-13-95 17:43 - 18:58

O_3 off line 7/19 19:45 - 20:25
O_3 offline 7/26 14:01 - 14:52

Ozone Analyzer Zero / Precision / Span Check Report

Project Name O3 CONTRACT 1995 Station ID MATALINA Location MATALINA AIRPORT

Analyzer Make/Model TECO 49 Serial No 3509 Range 1000 ppb

GENERAL	Date 1995	7/7	7/13	7/17	7/24		
	Date of Last Calibration	27JUN95	27JUN95	27JUN95	27JUN95		
	Station Operator	G MAES	G MAES	G MAES	G MAES		
	Check is U or A (1)	U	U	U	U		
	Sample Flow Rate (2 LPM)	2.1	2.1	2.1	2.1		
	Analyzer Span Number	5555	5555	5555	5555		
	Sample Frequency (40.0 - 48.0)	41.712	41.370	39.947	39.490		
	Control Frequency (21.0 - 28.0)	22.462	22.274	21.950	21.666		
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	~~DVM Volts~~ (TEST)	(10)	(6)	(7)			
	Observed DAS Response, ppb	15	11	11			
	Pass? (2) (Yes / No)						
PRECESION	Known Input Concentration, ppb		17				
	DVM Volts						
	Observed DAS Response, ppb		17				
	DAS Error Δ% (3)						
	Pass? (4) (Yes / No)		5.2				
SPAN	Known Input Concentration, ppb	395	406	400			
	~~DVM Volts~~						
	Observed DAS Response, ppb	394	397	390			
	DAS Error Δ% (3)	-0.3	-2.2	-2.5			
	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

$y_{STD} = 1.0246x - 1.380$: O_3 STD

$x = (y_{STD} - 2)$

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 500 ppb

GENERAL	Date 1995	7-3	7-14	7-20	7-27	8-8	
	Date of Last Calibration	6-10	6-10	7-14	7-14	7-14	
	Station Operator	RCG	DVN/RH	RCG	DVN	RCG	
	Check is U or A (1)	U	U	U	U	U+	
	Sample Flow Rate (2 LPM)	2	2	2.2	2	2.1	
	Analyzer Span Number	~~59~~ 59.450	59.450	59.450	59.450	59.450	
	Sample Frequency (40.0 - 48.0)	42.959	43.342	~~46.~~ 43.8	42.413	43.386	
	Control Frequency (21.0 - 28.0)	23.584	23.788	24.1	23.473	23.980	
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	
	Observed DAS Response, ppb	-5	5	9	9	5	
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	
PRECESION	Known Input Concentration, ppb	N/A	84	N/A	82	95	
	DVM Volts		—	—	—	—	
	Observed DAS Response, ppb	~~N/A~~	87	—	86	98	
	DAS Error Δ% (3)	N/A	3.6	—	4.9	3.9	
	Pass? (4) (Yes / No)	N/A	Y	—	Y	Y	
SPAN	Known Input Concentration, ppb	344	400	414	379	417	
	DVM Volts	—	—	—	—	—	
	Observed DAS Response, ppb	369	404	422	392	417	
	DAS Error Δ% (3)	7.3	1.0	1.9	0.8	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:

7/3/95 14:15 - 15:03
7/14/95 13:35 - 15:45
7/20/95 19:42 - 20:29
7/27 13:01 - 13:55

8/8 As found after warm up
after replacing fuse.
O_3 offline 8/8 21:20 - 22:59

Note: Warm up 19:45 - 21:20

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

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OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP. Station ID LUD Location LUDLOW, CA

Analyzer Make/Model DASIBI 1003AH (SCAQMD) Serial No 1039 Range 500 ppb

GENERAL	Date 1995	7/3/95	7/14/95	7/14/95	7/20/95	7/27/95	8/8/95
	Date of Last Calibration	6/10	6/10	6/10	7/14	7/14	7/14
	Station Operator	RCH	DVN/RH	DVN/RH	RCH	DVN	RCH
	Check is U or A (1)	U	U	A	U	U	U
	Sample Flow Rate (2 LPM)	2	2	2	2	2	2
	Analyzer Span Number	55.550	55.550	55.550	55.550	55.550	55.550
	Sample Frequency (40.0 - 48.0)	40.785	40.331	41.814	42.865	42.652	42.158
	Control Frequency (21.0 - 28.0)	28.242	28.260	23.976	24.186	24.154	24.136
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	-2	-2	-1	0	-2	-2
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECESION	Known Input Concentration, ppb	N/A	N.A.	84	N/A	87	87
	DVM Volts	—		—	—	—	—
	Observed DAS Response, ppb	N/A		83	—	83	84
	DAS Error Δ% (3)	N/A		-1.2	—	-4.6	-3.3
	Pass? (4) (Yes / No)	N/A	V	Y	—	Y	Y
SPAN	Known Input Concentration, ppb	421	441	435	437	415	415
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	418	434	421	428	407	404
	DAS Error Δ% (3)	-0.7	-1.6	-3.2	-2.1	-1.9	-2.6
	Pass? (4) (Yes / No)	Y	Y	Y	Y	Y	Y

(1) Unadjusted = "As Found"; Adjusted = "As Left" Z/A

(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 analyzer and external temp off-line

7/3/95 09:28 - 10:20

7/14/95 08:40 - 10:55

7/20/95 15:03 - 15:54

7/27 07:50 - 08:55

8/8 10:25 - 11:59

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

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

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

GENERAL	Date 1995	2 JULY 95	12 July 95	19 JULY	25 July	8-17-95	8-17-95
	Date of Last Calibration	6/13	6/13	7/12	7/12	7/12	8-17
	Station Operator	RCH	DVN/RCH	RCH	DVN	RCH	RCH
	Check is U or A (1)	U	U	U	U	U	A
	Sample Flow Rate (2 LPM)	2	2	2	2	2	2
	Analyzer Span Number	57,850	57.850	57,850	57.850	57,850	57,850
	Sample Frequency (40.0 - 48.0)	42.381	40.713	40.0	39.388①	37.734	41,496
	Control Frequency (21.0 - 28.0)	22.998	22.553	22.3	22.00	21.173	22.394
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	6	7	8	6	7	7
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECESION	Known Input Concentration, ppb	N/A	91	N/A	90	97	N/A
	DVM Volts	-	—	-	—	—	-
	Observed DAS Response, ppb	-	96	-	93	100	-
	DAS Error Δ% (3)	-	5.5	-	3.3	3.1	-
	Pass? (4) (Yes / No)	-	Y	-	Y	Y	-
SPAN	Known Input Concentration, ppb	431	430	412	413	411	429
	DVM Volts	—	—	-	—		
	Observed DAS Response, ppb	438	439	420	414	411	426
	DAS Error Δ% (3)	1.5	2.1	1.9	0.2	0	-0.7
	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

Invalid ozone data:

2 July 95	17:00 - 17:50
12 July 95	13:30 - 15:38
19 July 95	14:12 - 15:02 PST
25 July 95	15:03 - 16:07
17 AUG 95	12:12 - 13:56 PST

① 39.388 just outside of desired range.

OZONE ANALYZER ZERO / PRECISION / SPAN CHECK REPORT

Project Name CARB O_3 TRANSP. Station ID QUA Location QUARTZITE MTN

Analyzer Make/Model DASIBI 1003 AH Serial No ~~3522~~ 2052 7/2 Range 0-500 ppb

GENERAL	Date 1995	7/2	7/13	7/20	7/26	8/8	8/8
	Date of Last Calibration	7/2	7/2	7/13	7/13	7/13	8/8
	Station Operator	RCG	DVN/RH	RCG	DVN	RCG	RCG
	Check is U or A (1)	A	U	U	U	U	A
	Sample Flow Rate (2 LPM)	2	2	2.2	1.9	2	2
	Analyzer Span Number	61.550	61.550	61.550	61.550	61.550	61.550
	Sample Frequency (40.0 - 48.0)	46.671	43.106	46~~4~~1.7	41.409	39.497	44.957
	Control Frequency (21.0 - 28.0)	24.445	23.238	22.7	22.898	22.188	23.949
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	0	3	0	1	1	4
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECESION	Known Input Concentration, ppb	82	95	N/A	87	87	—
	DVM Volts	~~82~~ RH	—	—	—	—	—
	Observed DAS Response, ppb	82	97	—	89	91	—
	DAS Error Δ% (3)	0	2.1	—	2.3	-4.8	—
	Pass? (4) (Yes / No)	Y	Y	—	Y	Y	—
SPAN	Known Input Concentration, ppb	430	421	410	425	416	411
	DVM Volts	—	—	—	—		
	Observed DAS Response, ppb	430	420	414	427	410	397
	DAS Error Δ% (3)	0	-.2	1.0	0.5	-1.4	-3.4
	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 7/2 0838 (and prior to this due to inst failure) UP 13:05
7/13 08:02 - 09:12
7/20 08:45 - 09:40
7/20 Moved Temp sensor because of microwave dish installation 09:40 - 10:22 MST
7/26 08:01 - 08:55 8/8 O_3 offline 0920 - 11:10

OGDEN ENVIRONMENTAL AND ENERGY SERVICES

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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	7/14	7/13	7/21	7/26/95	8/8/95	8/8
	Date of Last Calibration	6/11	6/11	7/13	7/13	7/13	8/13
	Station Operator	RCG	DVN/RH	RCG	DVN	RCG	RCG
	Check is U or A (1)	U	U	U	U	U	A
	Sample Flow Rate (2 LPM)	2	2	2.1	2	2	2
	Analyzer Span Number	60.550	60.550	60.550	60.550	60.550	60.550
	Sample Frequency (40.0 - 48.0)	42.635	41.976	41.3	40.901	39.873	45.333
	Control Frequency (21.0 - 28.0)	23.553	23.182	22.8	22.591	21.960	23.944
ZERO	Known Input Concentration, ppb	0.0	0.0	0.0	0.0	0.0	0.0
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	3	2	2	1	3	3
	Pass? (2) (Yes / No)	Y	Y	Y	Y	Y	Y
PRECESION	Known Input Concentration, ppb	N/A	86	N/A	83	88	N/A
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	N/A	90	—	80	86	—
	DAS Error Δ% (3)	N/A	4.7	—	-3.6	-2.3	—
	Pass? (4) (Yes / No)	N/A	Y	—	Y	Y	—
SPAN	Known Input Concentration, ppb	400	391	418	407	411	415
	DVM Volts	—	—	—	—	—	—
	Observed DAS Response, ppb	406	391	411	382	396	397
	DAS Error Δ% (3)	1.5	0	-1.7	-4.5	-3.8	-4.5
	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

8/8 O_3 down 15:31 - 17:25

7/14 O_3 down for Z/A 0840 to 09:28 PST

7/13 O_3 down for multipoint cal 11:20 - 12:55 PST

7/21 O_3 down for Z/A ~~0641~~ - ~~0711~~ 0741 - 0835 PST

7/26 O_3 down for ZPS (12:01 - 12:50 DAYLIGHT SAVINGS) (11:01 - 11:50 PST)

APPENDIX B

Multipoint Calibration Reports

OZONE MULTIPOINT CALIBRATION REPORT

Station: BALDY MESA Date: 7/12/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 0836 PST Make: DASIBI SN#: 3150
End: 1015 PST Model: 1003 AH Range: 0-500 ppb

Span#: 60.550 Samp.Freq.(40-48 kHz): 45.210
Offset#: 4 Cont.Freq.(21-28 kHz): 23.699

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 46.108
Slope: 1.0024 Cont.Freq.(21-28 kHz): 23.360
Inter.: 0.1010 Cell Temperature, C: 44.00
Bar. Pressure, mmHg: 654.00
STP Correction Factor: 1.1731

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 %
16	0	2	2	---	---	---	---
93	91	89	-2	-2.2	---	---	---
181	194	187	-7	-3.6	---	---	---
370	416	407	-9	-2.2	---	---	---
Mean Absolute Errors:		5	2.67		NA		NA

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

COMMENT: O3 line loss at 436 ppb is -0.5 %

Station does not have chart recorder as backup system.

	LINEAR REGRESSIONS Primary	Backup
Slope, m:	0.9742	NA
Intercept, b:	0.522	NA
Corr.,r:	0.9999	NA

Results are: (Mark X) | As Found XXX | As Left XXX

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: BORON Date: 7/13/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 1743 PST Make: DASIBI SN#: 1805
End: 1855 PST Model: 1003 AH Range: 0-500 ppb

Span#: 57.550 Samp.Freq.(40-48 kHz): 41.317
Offset#: 4 Cont.Freq.(21-28 kHz): 27.502

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 46.014
Slope: 1.0024 Cont.Freq.(21-28 kHz): 23.564
Inter.: 0.1010 Cell Temperature, C: 43.00
Bar. Pressure, mmHg: 691.70
STP Correction Factor: 1.1056

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	---	---	---	---
99	94	95	1	1.1	---	---	---
192	197	199	2	1.0	---	---	---
399	427	422	-5	-1.2	---	---	---
Mean Absolute Errors:			2	1.10		NA	NA

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

COMMENT: O3 line loss at 425 ppb is -1.8 %

Station does not have chart recorder as backup system.

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9873	NA
Intercept, b:	1.787	NA
Corr.,r:	0.9999	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: CATALINA Date: 7/24/95 Tech: G.MAZIS

**** STATION OZONE ANALYZER ****

Begin: 1500 PST Make: DASIBI SN#: 2509
End: 1635 PST Model: 1003 AH Range: 0-500 ppb

Span#: 55.550 Samp.Freq.(40-48 kHz): 38.440
Offset#: 4 Cont.Freq.(21-28 kHz): 21.666

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 5/14/95 Samp.Freq.(40-48 kHz): 46.832
Slope: 1.0356 Cont.Freq.(21-28 kHz): 50.000
Inter.: -1.3800 Cell Temperature, C: 40.000
Bar. Pressure, mmHg: 733.40
STP Correction Factor: 1.0329

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 %
9	0	5	5	---	---	---	---
107	100	100	0	0.0	---	---	---
186	182	179	-3	-1.6	---	---	---
403	407	390	-17	-4.2	---	---	---
Mean Absolute Errors:		6	1.93		NA		NA

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

COMMENT: None

LINEAR REGRESSIONS

	Primary	Backup
Slope, m:	0.9458	NA
Intercept, b:	5.583	NA
Corr.,r:	1.0000	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: FLASH II Date: 7/14/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 1335 PST Make: DASIBI SN#: 3070
End: 1525 PST Model: 1003 AH Range: 0-500 ppb

Span#: 59.450 Samp.Freq.(40-48 kHz): 43.342
Offset#: 4 Cont.Freq.(21-28 kHz): 23.788

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 44.886
Slope: 1.0024 Cont.Freq.(21-28 kHz): 22.929
Inter.: 0.1010 Cell Temperature, C: 46.00
Bar. Pressure, mmHg: 672.60
STP Correction Factor: 1.1478

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	9	9	---	---	---	---
84	83	87	4	4.8	---	---	---
170	182	181	-1	-0.5	---	---	---
359	399	404	5	1.3	---	---	---
Mean Absolute Errors:			5	2.20		NA	NA

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

COMMENT: O3 line loss at 407 ppb is -2.0 %

Station does not have chart recorder as backup system.

	LINEAR REGRESSIONS Primary	Backup
Slope, m:	0.9924	NA
Intercept, b:	5.513	NA
Corr.,r:	0.9997	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: LUDLOW Date: 7/14/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 0840 PST Make: DASIBI SN#: 1039
End: 1545 PST Model: 1003 AH Range: 0-500 ppb

Span#: 55.550 Samp.Freq.(40-48 kHz): 41.814
Offset#: 4 Cont.Freq.(21-28 kHz): 23.976

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 46.072
Slope: 1.0024 Cont.Freq.(21-28 kHz): 23.782
Inter.: 0.1010 Cell Temperature, C: 42.00
Bar. Pressure, mmHg: 712.00
STP Correction Factor: 1.0707

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	-1	-1	---	---	---	---
91	84	83	-1	-1.2	---	---	---
191	191	186	-5	-2.6	---	---	---
418	435	421	-14	-3.2	---	---	---
Mean Absolute Errors:			5	2.33		NA	NA

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

COMMENT: O3 line loss at 444 ppb is 0.0 %

Station does not have chart recorder as backup system.

NOTE: These results are "AS LEFT" following an adjustment of the photometer lamp to correct for a slightly low SAMP FREQ value. Upon arrival, the station analyzer's Sample Frequency was 40.331. The lamp was adjusted to bring the SAMP FREQ to 41.814.

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9681	NA
Intercept, b:	0.407	NA
Corr.,r:	1.0000	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: PALMDALE Date: 7/12/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 1330 PST Make: DASIBI SN#: 1813
End: 1538 PST Model: 1003 AH Range: 0-500 ppb

Span#: 57.850 Samp.Freq.(40-48 kHz): 40.713
Offset#: 4 Cont.Freq.(21-28 kHz): 22.553

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 45.736
Slope: 1.0024 Cont.Freq.(21-28 kHz): 23.421
Inter.: 0.1010 Cell Temperature, C: 44.50
Bar. Pressure, mmHg: 685.90
STP Correction Factor: 1.1203

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 %
15	0	7	7	---	---	---	---
95	90	96	6	6.7	---	---	---
170	174	179	5	2.9	---	---	---
392	423	421	-2	-0.5	---	---	---
Mean Absolute Errors:			5	3.37		NA	NA

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

COMMENT: O3 line loss at 432 ppb is -1.6 %

Station does not have chart recorder as backup system.

LINEAR REGRESSIONS	Primary	Backup
Slope, m:	0.9780	NA
Intercept, b:	7.777	NA
Corr.,r:	1.0000	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: QUARTZITE MT. Date: 7/13/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 0802 PST Make: DASIBI SN#: 2052
End: 0912 PST Model: 1003 AH Range: 0-500 ppb

Span#: 61.550 Samp.Freq.(40-48 kHz): 43.106
Offset#: 4 Cont.Freq.(21-28 kHz): 23.238

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 45.778
Slope: 1.0024 Cont.Freq.(21-28 kHz): 23.328
Inter.: 0.1010 Cell Temperature, C: 43.00
Bar. Pressure, mmHg: 646.50
STP Correction Factor: 1.1829

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 %
15	0	3	3	---	---	---	---
95	95	97	2	2.1	---	---	---
182	198	197	-1	-0.5	---	---	---
370	421	420	-1	-0.2	---	---	---
Mean Absolute Errors:		2	0.93		NA		NA

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

COMMENT: O3 line loss at 340 ppb is -.9 %

Station does not have chart recorder as backup system.

	LINEAR REGRESSIONS Primary	Backup
Slope, m:	0.9902	NA
Intercept, b:	2.506	NA
Corr.,r:	1.0000	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

OZONE MULTIPOINT CALIBRATION REPORT

Station: SHADOW MT. Date: 7/13/95 Tech: R.HILLESTAD
D.NEVITT

**** STATION OZONE ANALYZER ****

Begin: 1120 PST Make: DASIBI SN#: 1836
End: 1255 PST Model: 1003 AH Range: 0-500 ppb

Span#: 60.550 Samp.Freq.(40-48 kHz): 41.976
Offset#: 4 Cont.Freq.(21-28 kHz): 23.128

**** OZONE TRANSFER STANDARD ****

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

Cert. Date: 6/21/95 Samp.Freq.(40-48 kHz): 45.007
Slope: 1.0024 Cont.Freq.(21-28 kHz): 23.338
Inter.: 0.1010 Cell Temperature, C: 43.50
Bar. Pressure, mmHg: 654.50
STP Correction Factor: 1.1703

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 %
16	0	2	2	---	---	---	---
89	86	90	4	4.7	---	---	---
173	184	189	5	2.7	---	---	---
349	391	391	0	0.0	---	---	---
Mean Absolute Errors:			3	2.47		NA	NA

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

COMMENT: O3 line loss at 416 ppb is -7.8 %

Station does not have chart recorder as backup system.

	LINEAR REGRESSIONS Primary	Backup
Slope, m:	0.9935	NA
Intercept, b:	3.828	NA
Corr.,r:	0.9999	NA

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

	Primary	Backup
Pass/Fail:	PASS	NA

APPENDIX C

Data Quality Assurance (QA) Forms

SURFACE MEASUREMENTS QA FORM

Date: 9/13/95

Site ID: Baldy Mesa

Reviewer: DL

July

FROM TO

Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
7/2	183	2036	—	—	—	5	not needed 993	remove O3 spike; recalc average
7/2	183	2148	7/2	183	2218	5	998	Z/P/S
7/12	193	0842	7/12	193	1012	5-10	990	Calib. Recompute 08 Average
7/21	202	1118	7/21	202	1200	5	998	ZPS
7/25	206	0906	7/25	206	1200	5	994	Maintenance
7/31	212	1424	7/31	212	1736	5	997	Power out at S.Ts
7/12	193	0842	7/12	193	1012	Shelter Temp (12)	990	Calib

FORM GM 1

T&B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 9/13/95

Site ID: Boron

Reviewer: DL

July

FROM TO

Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
7/3	184	1936	7/3	184	2000	5	990	ZPS; There are 5 valid points. Compute new hourly average 2000 50.4
7/8	189	02	—	—	—	5	—	change -0 To 0 or 1
7/13	194	1748	7/13	194	2000	5	990	CALIB; enough valid pts To compute average For 1800
7/19	200	1942	7/19	200	2048	5	990	ZPS compute new hrly. average For 2000
7/26	207	1401	7/26	207	1455	5	990	ZPS
7/29	210	1824	7/29	210	2342	5	997	Power Outage? Lightning in area gusts > 50 mph

FORM GM 1

T & B Systems Inc

SURFACE MEASUREMENTS QA FORM

July

Date: 9/13/95

Site ID: CATALINA

Reviewer: DL

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
8/7	188	1418	8/7	188	1506	5	998	ZPS; recompute hr 16 average
8/13	194	1230	8/13	194	1506	5, 6-10	990	ZPS; recompute hr 13 averages
8/17	198	1248	8/17	198	1348	5, 6-10	990	ZPS; enough valid data to compute hr. 13 average
								hr 14 average should be missing
8/24	205	1406	8/24	205	1542	5, 6-10	990	CALIB; HR 16 average should be missing
8/13	194	1300	8/13	194	1500	12	999	Only hourly averages recorded
8/17	198	1300	—	—	—	12	999	"
8/24	205	1500	—	—	—	12	999	"

FORM GM 1

T & B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 09/13/95

Site ID: FLASH II

Reviewer: WRK

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
07/03	184	1418	07/03	184	1448	5	998	Z/P/S Hr Ave 1500 - BAD
07/05	186	0556	07/05	186	1012	5	997	Power out - install A.C.
								Hour Ave. for 1100 = 54.8
07/14	195	1348	07/14	195	1548	5	990	Multi point Calib.
								Hour Ave for 1400 = 60.2
07/20	201	1948	07/20	201	2018	5	998	Z/P/S ; Hour Ave 2000 = 69.1
								Hour Ave 2100 = 53.0
07/27	208	1312	07/27	208	1348	5	998	Z/P/S HR AVE 1400 - BAD

FORM GM 1

T&B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 09/14/95
Site ID: LUDLOW
Reviewer: WRK

LU JUL 95 . RFV

	FROM			TO					
	Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
✓	07/03	184	0936	07/03	184	1018	5	998	ZPS; Hour Ave at 1100=
									63.2
✓	07/14	195	0848	07/14	195	1054	5	990	MULTI-POINT; HOUR AVE
									BAD: 0900, 1000, 1100.
✓	07/27	208	0754	07/27	208	0848	5	998	ZPS; Hour Ave at 0800=
									35.4
✓	7/20	201	1503	7/20	201	1554	5	998	ZPS - hr 15 will be invalid

FORM GM 1

T & B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 09/14/95
Site ID: PALMDALE
Reviewer: WRG

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
07/02	183	1706	07/02	183	1748	5	998	ZPS; Hour Ave 1800=BAD
07/12	193	1336	07/12	193	1542	5	990	MULTI-POINT CALIB Hour Ave. 1400 = 86.8
07/19	200	1418	07/19	200	1500	5	998	ZPS; Hour Ave 1500 = BAD
07/25	206	1506	07/25	206	1612	5	998	ZPS; Hour Ave, 1600 = BAD Hour Ave 1700 = 169.0

FORM GM 1

T & B Systems Inc

SURFACE MEASUREMENTS QA FORM

Date: 9/14/95

Site ID: QUARTZITE

Reviewer: DL

JULY

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
7/1	182	0000	7/2	183	0930	5	-992	Pump Inoperative
	183	0936		183	1206	5	-990	CALIB - new unit
7/12	193	2054	—	—	—	5	-993	remove spike and
								recompute hrly average
7/12	193	2118	—	—	—	5	-993	"
7/13	194	0806	7/13	194	0906	5	-990	CALIB: recalc. hrly. average
7/20	201	0848	7/20	201	0930	5	-998	ZPS: recompute both
								hrly averages
7/26	207	0806	7/26	207	0854	5	-998	ZPS:

T&B Systems Inc

FORM GM 1

SURFACE MEASUREMENTS QA FORM

Date: 9/14/95

Site ID: Shadow Mtn.

Reviewer: DL

July

FROM			TO					
Month/Day	Julian Date	Hour	Month/Day	Julian Date	Hour	Channel(s)	Flag	Reason
7/4	185	0842	8/4	185	0924	5	-998	ZPS: enough 6min data to compute both the 09 and 10 hourly averages
7/12	193	1712	7/13	194	1506	8 (wind direction)	-992	wiring problem
7/13	194	1124	7/13	194	1506	5-12 (all)	-990	Calib: hr 16 average OK. Do not recalculate
7/21	202	0748	7/21	202	0830	5	-998	ZPS; recompute both hourly averages.
7/26	207	1036	7/26	207	1148	5	-998	ZPS: recompute hr 11 average. 1200 change from 1500 to -998

T&B Systems Inc

FORM GM 1

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