

User ID: HPI

RAW DATA MAX VALUES REPORT

Report Request ID: 1014595

Report Code: AMP350MX

Aug. 23, 2012

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
49													1	2011 01 01	2011 12 31

SELECTED OPTIONS

Option Type	Option Value
SINGLE EVENT PROCESSING	INCLUDE EVENTS
MERGE PDF FILES	YES

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	PARAMETER_CODE
5	POC

APPLICABLE STANDARDS

Standard Description

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-003-0003 POC: 1
 COUNTY: (003) Box Elder
 CITY: (08460) Brigham City
 SITE ADDRESS: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT
 SITE COMMENTS: SITE FOR OZONE, PM2.5, AND MET
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 41.492778
 LONGITUDE: -112.018056
 UTM ZONE: 12
 UTM NORTHING: 4593750
 UTM EASTING: 415018
 ELEVATION-MSL: 1334
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.2	17.3	4.5	7.6	9.1	14.0	10.0	14.8	14.6	9.4	10.2	20.9
2	4.1	9.9	5.4	12.8	9.4	17.7	11.9	12.1	11.8	8.3	9.8	14.6
3	3.0	4.5	8.6	8.9	10.2	11.5	12.1	8.8	9.1	11.6	6.6	16.7
4	4.0	2.6	5.7	12.2	6.7	13.1	11.5	9.3	9.2	11.0	13.3	16.8
5	3.0	8.0	6.8	13.2	8.7	6.9	12.6	19.3	7.9	18.3	9.3	13.5
6	3.0	7.6	8.2	19.4	8.9	12.2	5.2	12.8	12.0	8.1	8.2	4.5
7	3.0	14.4	7.1	10.2	19.8	9.5	10.5	11.0	16.2	8.2	13.4	3.8
8	3.1	10.2	11.2	8.2	15.7	13.7	10.8	10.6	13.3	6.9	10.4	4.5
9	4.1	11.7	7.0	5.2	6.3	7.6	11.7	8.6	13.9	6.0	4.7	4.3
10	8.2	7.6	22.6	9.8	6.8	10.5	20.6	11.2	16.8	8.6	3.4	3.1
11	5.5	5.0	12.0	8.4	8.2	6.9	10.1	12.7	9.6	10.3	3.0	2.7
12	3.0	3.9	10.2	12.2	6.2	13.9	9.8	10.2	8.9	4.9	18.1	5.1
13	4.4	6.1	7.9	11.1	15.5	10.8	10.2	16.3	7.3	4.9	11.6	3.1
14	2.6	5.9	8.1	8.2	20.2	7.7	11.9	14.3	12.2	3.7	10.5	3.5
15	2.8	12.1	7.2	9.1	24.8	9.6	6.8	16.6	6.8	8.9	7.1	4.2
16	10.0	18.9	17.9	10.9	10.9	13.8	8.2	11.0	11.5	10.8	6.9	4.8
17	13.0	8.8	7.5	14.2	8.6	6.2	15.1	7.3	10.6	7.0	13.5	4.5
18	11.7	6.8	14.8	6.8	10.2	7.4	17.4	4.3	5.8	8.2	15.9	3.7
19	12.7	7.9	16.9	9.7	10.9	6.6	12.0	9.1	9.3	4.5	9.9	4.6
20	7.4	11.6	12.7	10.6	7.8	7.5	8.9	13.0	6.6	4.1	3.5	4.5
21	3.5	6.8	17.1	11.2	9.5	6.4	9.7	8.0	5.0	5.4	3.2	8.3
22	10.1	12.9	12.0	8.3	8.0	10.6	12.3	7.9	6.9	5.3	8.6	14.5
23	8.2	6.3	22.8	11.2	12.2	9.8	11.0	7.9	6.1	4.4	3.8	3.3
24	3.9	7.2	18.2	8.3	7.1	13.3	6.7	9.7	5.2	10.4	9.8	5.3
25	6.0	17.4	11.7	10.2	21.2	13.6	15.2	8.9	5.1	14.2	12.2	3.1
26	9.0	6.9	10.0	11.9	22.7	13.4	8.9	8.6	15.5	13.0	9.5	3.8
27	3.4	10.4	9.8	9.0	9.1	10.0	9.0	7.8	4.0	6.1	3.5	6.0
28	4.0	12.9	7.0	11.7	11.9	13.6	8.2	12.1	6.9	4.2	4.5	3.6
29	4.3		8.2	10.0	8.4	13.0	7.5	16.1	6.2	4.2	3.7	8.6
30	4.6		10.0	6.8	11.0	14.4	10.7	13.9	5.0	4.3	13.2	10.9
31	9.7		13.0		13.2		6.7	14.0		8.9		7.6
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	13.0	18.9	22.8	19.4	24.8	17.7	20.6	19.3	16.8	18.3	18.1	20.9
MEAN:	5.92	9.34	11.04	10.24	11.59	10.84	10.75	11.23	9.31	7.87	8.71	7.05
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	9.49	ANNUAL MAX:	24.8						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-003-0003 POC: 1
 COUNTY: (003) Box Elder
 CITY: (08460) Brigham City
 SITE ADDRESS: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT
 SITE COMMENTS: SITE FOR OZONE, PM2.5, AND MET
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 41.492778
 LONGITUDE: -112.018056
 UTM ZONE: 12
 UTM NORTHING: 4593750
 UTM EASTING: 415018
 ELEVATION-MSL: 1334
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	335	94	354	328	340	278	334	325	345	350	352	88
2	342	239	357	346	288	314	321	299	282	343	260	342
3	267	348	349	337	345	304	288	285	283	287	344	103
4	341	331	317	231	330	328	354	355	280	352	342	349
5	349	329	330	352	296	343	302	283	316	310	359	339
6	356	356	337	237	316	343	320	294	335	345	307	284
7	315	357	345	339	346	326	325	360	323	356	340	317
8	353	89	221	347	358	335	352	318	349	342	262	334
9	321	318	318	353	348	346	300	349	103	270	268	359
10	355	263	358	299	328	334	319	294	248	284	285	323
11	349	323	333	328	323	313	359	329	343	337	301	333
12	329	324	354	318	313	356	355	274	294	271	349	331
13	307	286	246	316	320	328	278	304	269	312	319	339
14	306	313	346	344	326	353	302	352	245	330	267	355
15	355	342	317	322	360	349	291	354	281	330	305	336
16	357	353	357	237	354	342	328	335	328	352	255	357
17	280	245	325	297	288	332	298	280	326	346	358	327
18	327	352	332	339	347	345	344	291	272	322	336	342
19	359	334	279	340	260	344	360	351	302	329	345	347
20	340	267	194	333	328	336	331	349	303	354	359	359
21	290	308	357	350	319	274	273	287	309	260	358	344
22	355	347	354	341	337	298	316	338	330	286	309	106
23	305	336	308	261	357	276	320	304	353	299	351	252
24	322	334	332	279	339	319	304	336	327	340	332	347
25	358	352	304	342	359	350	347	317	318	338	358	330
26	301	354	349	322	345	340	355	357	263	357	316	342
27	351	332	346	273	271	336	314	266	311	281	304	278
28	358	342	322	356	336	332	304	350	265	328	359	353
29	338		276	355	328	294	303	286	304	329	360	346
30	351		328	354	357	346	297	340	298	347	311	335
31	352		245		331		358	261		359		273
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	359.	357.	358.	356.	360.	356.	360.	360.	353.	359.	360.	359.
MEAN:	333.0	306.0	319.0	319.2	328.8	327.1	321.0	316.9	296.8	324.1	322.4	308.7
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		318.7	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-003-0003 POC: 3
 COUNTY: (003) Box Elder
 CITY: (08460) Brigham City
 SITE ADDRESS: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT
 SITE COMMENTS: SITE FOR OZONE, PM2.5, AND MET
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 41.492778
 LONGITUDE: -112.018056
 UTM ZONE: 12
 UTM NORTHING: 4593750
 UTM EASTING: 415018
 ELEVATION-MSL: 1334
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.7	4.1	15.9	9.2		11.7	8.9	13.3	46.2	9.9	5.0	3.8
2	19.2	9.1	20.1	16.1		10.6	10.5	11.4	11.4	8.5	6.1	8.0
3	25.9	14.7	12.2	5.9		5.5	12.2	8.7	9.2	9.6	19.7	6.5
4	57.2	24.8	5.1	6.0	6.8	9.9	27.8	9.9	29.3	8.0	7.0	4.3
5	58.3	28.5	8.4	6.1	13.2	8.7	13.3		16.7	7.3	5.9	4.9
6	76.7	5.2	6.0	8.7	10.2	17.1	11.2		19.3	7.2	5.2	17.6
7	80.4	8.8	8.9	7.1	12.2	5.4	13.4	5.4	25.3	8.3	5.6	15.3
8	74.3	3.8	8.6	11.6	5.9	9.4	11.4	14.8	25.8	13.1	8.7	19.9
9	68.2	6.9	6.1	8.2	6.2	5.8	11.5	10.6	11.2	6.8	9.9	35.2
10	25.4	12.5	8.6	8.0	5.5	12.0	9.3	11.5	22.8	12.6	16.2	26.3
11	20.2	12.6	7.9	8.1	6.7	8.2	10.2	12.2	11.9	10.6	15.5	27.0
12	25.1	15.3	9.6	10.7	11.4	8.5	9.1	11.1	14.2	10.9	20.1	29.8
13	59.8	10.9	6.6	10.8	11.7	9.4	9.4	11.2	12.8	11.6	5.4	24.4
14	51.8	11.1	6.1	7.7	8.4	8.4	9.4	10.1	25.8	17.0	4.9	22.4
15	70.8	7.1	12.6	15.6	35.7	8.8	11.6	24.4	11.9	8.2	5.1	24.8
16	57.2	22.2	7.3	13.6	6.4	8.1	11.2	29.6	10.3	46.7	6.4	26.3
17	6.6	3.9	3.7	6.1	7.1	6.1	11.8	14.8	7.7	17.5	7.2	32.8
18	9.8	4.8	19.4	4.9	6.5	9.5	12.1	49.8	9.6	9.2	4.3	35.5
19	5.5	8.3	22.9	6.2	6.0	6.3	11.3	16.7	8.4	9.0	8.3	28.1
20	11.4	4.1	11.5	9.9	7.2	6.3	8.6	13.5	9.3	18.6	14.7	26.5
21	17.7	8.3	15.7	11.2	8.2	7.0	10.8	29.2	11.0	12.7	18.5	31.2
22	10.9	12.8	4.0	6.8	9.2	8.6	14.2	23.9	13.2	7.5	14.3	3.7
23	7.4	6.6	7.2	9.2	8.9	10.7	9.5	30.4	12.2	10.1	11.2	9.5
24	15.1	12.0	5.6	9.6	5.4	11.8	12.4	29.9	14.2	9.8	6.7	15.8
25	20.1	8.4	10.5	5.3	9.8	8.4	12.8	14.9	13.9	7.7	8.1	25.9
26	21.5	9.3	6.3	4.5	7.2	6.6	10.1	16.9	9.5	5.0	6.0	28.3
27	31.0	9.3	5.0	6.6	6.7	8.8	9.3	11.0	13.4	16.4	11.4	36.5
28	35.2	7.7	5.7	9.4	10.7	12.5	10.1	15.5	13.7	12.3	16.7	27.4
29	33.0		6.6		5.8	12.4	12.9	15.5	11.7	17.3	18.5	20.1
30	26.8		5.6		4.8	8.5	15.9	14.8	16.8	12.9	19.9	8.7
31	24.7		6.9		8.4		12.5	18.5		12.0		4.1
NO.:	31	28	31	28	28	30	31	29	30	31	30	31
MAX:	80.4	28.5	22.9	16.1	35.7	17.1	27.8	49.8	46.2	46.7	20.1	36.5
MEAN:	34.06	10.47	9.25	8.68	9.01	9.03	11.76	17.22	15.62	12.07	10.42	20.34
ANNUAL OBSERVATIONS:		358		ANNUAL MEAN:	14.11		ANNUAL MAX:	80.4				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

(61101) Wind Speed - Scalar

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 10

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.5	18.2	5.2	12.2	15.6							23.4
2	3.5	5.2	8.7	16.5	13.0							9.6
3	4.3	4.3	9.6	13.9	13.0							13.9
4	5.2	6.9	7.8	13.9	9.6							14.8
5	4.3	19.1	8.7	17.4	13.0							13.0
6	3.5	8.7	6.1	18.2	8.7							8.7
7	5.2	23.4	20.8	13.0	15.6							8.7
8	6.1	15.6	12.2	11.3	13.9							6.9
9	4.3	6.9	9.6	9.6	13.9							4.3
10	8.7	5.2	20.0	8.7	7.8							4.3
11	5.2	7.8	13.0	12.2	9.6							4.3
12	7.8	6.9	12.2	10.4	11.3							4.3
13	6.1	4.3	11.3	19.1	8.7							6.1
14	9.6	8.7	8.7	13.0	18.2							6.1
15	6.1	12.2	10.4	13.0	26.9							5.2
16	10.4	19.1	18.2	7.8	8.7							4.3
17	16.5	13.0	8.7	13.0	12.2							8.7
18	8.7	9.6	11.3	10.4	13.9							6.1
19	17.4	6.9	13.0	12.2	17.4							6.9
20	7.8	13.0	20.8	14.8	10.4							11.3
21	6.9	7.8	18.2	17.4	15.6							14.8
22	14.8	11.3	10.4	11.3	9.6							13.0
23	8.7	6.1	13.0	9.6	13.9							5.2
24	6.1	7.8	14.8	6.9	10.4							4.3
25	6.9	13.0	11.3	13.9	13.0							10.4
26	8.7	10.4	13.9	18.2	19.1							7.8
27	6.1	6.9	8.7	12.2	11.3							10.4
28	7.8	10.4	14.8	19.1	9.6							5.2
29	2.6		7.8	16.5	11.3						9.6	10.4
30	6.1		12.2	13.0	12.2						20.0	33.0
31	13.9		12.2		4.3							16.5
NO.:	31	28	31	30	31	0	0	0	0	0	2	31
MAX:	17.4	23.4	20.8	19.1	26.9						20.0	33.0
MEAN:	7.51	10.31	12.05	13.29	12.64						14.80	9.74
ANNUAL OBSERVATIONS:		184		ANNUAL MEAN:	10.96			ANNUAL MAX:	33.0			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61104) Wind Direction - Resultant

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 10

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQA0: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	353.0	358.0	359.0	335.0	353.0			339.0	358.0	352.0	358.0	358.0
2	359.0	346.0	352.0	359.0	336.0			357.0	346.0	341.0	346.0	359.0
3	352.0	354.0	357.0	353.0	349.0			352.0	342.0	341.0	351.0	359.0
4	359.0	358.0	358.0	322.0	358.0			357.0	351.0	239.0	357.0	357.0
5	350.0	328.0	355.0	353.0	356.0			351.0	353.0	359.0	356.0	357.0
6	351.0	346.0	356.0	332.0	356.0			357.0	355.0	359.0	352.0	353.0
7	359.0	356.0	359.0	355.0	357.0			342.0	358.0	173.0	352.0	350.0
8	358.0	358.0	349.0	347.0	352.0		354.0	353.0	342.0	342.0	352.0	358.0
9	353.0	357.0	357.0	359.0	359.0		356.0	358.0	343.0	336.0	358.0	345.0
10	341.0	359.0	348.0	324.0	359.0		344.0	333.0	358.0	339.0	348.0	347.0
11	356.0	346.0	357.0	358.0	352.0		359.0	356.0	359.0	333.0	347.0	346.0
12	356.0	348.0	359.0	311.0	341.0		261.0	357.0	340.0	351.0	345.0	357.0
13	359.0	353.0	323.0	355.0	356.0		342.0	358.0	358.0	341.0	356.0	338.0
14	354.0	348.0	359.0	349.0	291.0		336.0	353.0	352.0	334.0	357.0	320.0
15	357.0	290.0	349.0	313.0	358.0		324.0	357.0	352.0	358.0	353.0	316.0
16	322.0	305.0	358.0	290.0	355.0		358.0	345.0	359.0	349.0	356.0	351.0
17	358.0	300.0	332.0	359.0	357.0		359.0	347.0	349.0	354.0	323.0	339.0
18	347.0	354.0	349.0	358.0	357.0		246.0	352.0	350.0	335.0	356.0	338.0
19	355.0	358.0	349.0	351.0	358.0		353.0	341.0	350.0	343.0	350.0	349.0
20	355.0	359.0	323.0	351.0	359.0		354.0	351.0	346.0	337.0	349.0	347.0
21	359.0	355.0	314.0	347.0	359.0		348.0	355.0	341.0	356.0	354.0	359.0
22	356.0	352.0	341.0	340.0	359.0		358.0	342.0	354.0	334.0	355.0	359.0
23	358.0	355.0	358.0	358.0	358.0		357.0	343.0	344.0	348.0	338.0	336.0
24	350.0	357.0	281.0	346.0	357.0		345.0	348.0	341.0	356.0	330.0	358.0
25	354.0	359.0	346.0	344.0	350.0		339.0	339.0	353.0	359.0	358.0	342.0
26	355.0	357.0	343.0	348.0	359.0		346.0	344.0	359.0	356.0	349.0	355.0
27	354.0	359.0	359.0	347.0	351.0		353.0	352.0	358.0	340.0	352.0	332.0
28	351.0	351.0	340.0	353.0	357.0		356.0	350.0	346.0	355.0	349.0	358.0
29	343.0		358.0	359.0	359.0		349.0	351.0	342.0	339.0	337.0	355.0
30	358.0		348.0	358.0	357.0		357.0	342.0	355.0	352.0	356.0	332.0
31	358.0		359.0		336.0		356.0	355.0		351.0		345.0
NO.:	31	28	31	30	31	0	24	31	30	31	30	31
MAX:	359.0	359.0	359.0	359.0	359.0		359.0	358.0	359.0	359.0	358.0	359.0
MEAN:	353.23	347.36	346.94	344.47	352.29		342.08	349.42	350.17	337.87	350.30	347.58
ANNUAL OBSERVATIONS:	328		ANNUAL MEAN:	347.53	ANNUAL MAX:	359.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 4

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQA0: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	13	20	40	66	51			78	81	82	45	40
2	17	21	40	64	56			87	78	79	45	28
3	16	26	39	42	54			84	83	81	49	33
4	16	29	44	47	58			87	85	67	57	29
5	25	43	46	56	65			85	79	58	34	24
6	24	38	38	52	71			87	82	43	39	28
7	20	40	38	42	69			84	82	43	40	33
8	22	34	38	35	52		80	87	83	54	40	37
9	19	25	48	38	44		85	85	84	57	43	38
10	21	31	59	48	49		85	86	84	59	49	38
11	15	38	47	55	60		85	86	79	59	46	39
12	23	45	51	53	68		82	87	77	63	41	37
13	29	49	52	61	76		85	92	78	66	45	32
14	33	48	47	45	72		84	88	81	71	51	32
15	36	53	54	53	73		85	85	78	75	46	32
16	40	54	54	60	50		87	86	66	68	41	31
17	49	34	44	56	51		92	89	64	59	47	36
18	41	43	49	53	56		89	90	75	65	48	27
19	39	37	47	49	58		89	89	80	64	32	37
20	31	36	45	53	59		84	91	76	64	26	27
21	34	33	49	49	67		87	90	77	67	35	33
22	40	35	44	46	60		89	92	79	66	43	33
23	33	33	50	51	62		86	93	81	66	47	32
24	35	28	43	55	59		93	95	82	68	50	35
25	34	35	42	48	62		91	95	83	49	46	37
26	37	29	45	47	59		91	96	81	47	39	39
27	37	28	39	52	57		84	94	82	49	43	39
28	35	37	41	63	58		87	88	83	53	43	42
29	31		43	43	50		91	86	84	56	46	51
30	32		49	50	51		82	88	86	60	44	52
31	33		66		44		82	91		61		37
NO.:	31	28	31	30	31	0	24	31	30	31	30	31
MAX:	49.	54.	66.	66.	76.		93.	96.	86.	82.	57.	52.
MEAN:	29.4	35.8	46.2	51.1	58.7		86.5	88.4	79.8	61.9	43.3	35.1
ANNUAL OBSERVATIONS:	328		ANNUAL MEAN:	55.5	ANNUAL MAX:	96.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

(62201) Relative Humidity

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 4

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F
 PQAO: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	76	48	86	69	68			97	41	56	81	59
2	80	68	90	95	75			88	46	48	63	92
3	76	76	96	75	63			77	50	67	73	60
4	80	76	77	73	52			84	45	89	98	87
5	85	75	77	58	71			58	46	94	98	62
6	86	72	98	72	53			65	68	93	90	69
7	87	98	99	99	66			62	61	96	82	75
8	86	84	83	97	96		66	65	56	94	80	71
9	89	83	80	95	94		79	54	47	89	82	80
10	83	89	86	91	97		84	55	40	91	79	83
11	83	81	63	76	86		72	49	61	88	73	80
12	78	81	84	83	86		63	46	65	76	87	80
13	94	65	88	99	77		63	46	79	82	99	96
14	95	76	94	88	53		46	43	68	73	49	94
15	96	64	91	73	70		59	56	71	78	47	90
16	98	98	91	74	80		58	48	95	89	66	88
17	91	97	64	90	82		52	44	91	88	58	92
18	77	72	65	97	94		42	40	78	72	97	92
19	96	99	69	60	97		63	41	75	79	83	91
20	82	99	88	92	86		61	66	57	75	92	92
21	92	85	88	93	81		59	56	70	80	94	91
22	95	89	95	60	81		56	50	69	71	99	64
23	82	78	81	71	94		57	41	67	80	91	71
24	83	93	93	70	91		50	39	64	76	63	73
25	97	98	96	85	75		45	49	61	60	74	73
26	89	91	97	62	80		60	47	42	57	66	73
27	88	79	97	75	83		65	52	62	65	73	74
28	94	76	93	61	86		56	86	60	72	73	77
29	96		85	65	93		42	80	59	75	83	63
30	97		81	71	84		47	70	58	82	80	65
31	93		68		77		87	44		77		59
NO.:	31	28	31	30	31	0	24	31	30	31	30	31
MAX:	98.	99.	99.	99.	97.		87.	97.	95.	96.	99.	96.
MEAN:	87.9	81.8	85.3	79.0	79.7		59.7	58.0	61.7	77.8	79.1	77.9
ANNUAL OBSERVATIONS:	328		ANNUAL MEAN:	75.5	ANNUAL MAX:	99.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT:

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAO: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.70	.86	1.08	1.26	1.29				1.28	1.04	.82	.71
2	.47	.86	.54	.67	1.32			.01	1.31	.96	.87	.47
3	.70	.86	.76	1.01	.76			1.39	1.29	1.12	.82	.69
4	.63	.41	.97	1.01	1.44			1.36	1.29	1.10	.74	.32
5	.68	.72	1.12	.90	1.43			1.36	.72	.31	.54	.70
6	.64	.80	.36	1.28	1.14			1.38	1.16	.35	.53	.67
7	.67	.67	1.02	.25	1.26			1.36	1.20	.15	.74	.66
8	.36	.90	1.13	.42	.28			1.37	1.22	.91	.81	.67
9	.76	.46	1.31	.43	.43			1.36	1.11	.93	.81	.65
10	.36	.60	1.15	1.17	.84			1.39	1.23	.97	.81	.66
11	.63	.90	1.07	1.28	1.62			1.35	1.24	.65	.63	.58
12	.34	.90	1.13	1.06	1.40			1.38	1.09	.99	.59	.47
13	.64	.89	1.08	1.13	1.43			1.23	1.20	.96	.62	.32
14	.38	.75	.77	1.34	1.18			1.34	1.11	.98	.79	.29
15	.61	.95	.83	1.30	1.43			1.09	1.17	.93	.86	.34
16	.30	.95	.38	.70	.87			1.35	1.02	.65	.77	.51
17	.61	.94	1.17	.70	1.16			1.31	1.02	.96	.39	.64
18	.42	.96	.89	1.18	.93			1.33	1.20	.98	.11	.60
19	.78	.26	.80	1.34	.81			1.31	1.15	.96	.17	.62
20	.76	.64	.85	1.05	.81			1.27	1.16	.93	.14	.34
21	.37	.83	.27	1.11	1.16			1.31	1.16	.90	.19	.53
22	.76	.81	1.17	1.45	.68			1.34	1.15	.92	.80	.67
23	.79	.97	1.21	1.30	1.01			1.31	1.14	.92	.76	.67
24	.79	.61	.43	1.32	1.47			1.30	1.15	.94	.46	.66
25	.36	.67	.94	.92	1.28			1.33	1.11	.70	.54	.64
26	.63	1.04	1.08	1.41	1.02			1.29	1.11	.94	.72	.64
27	.71	1.08	.86	1.22	1.23			1.02	1.11	.91	.70	.70
28	.71	1.08	1.17	1.13	1.08			1.15	1.09	.68	.42	.23
29	.41		.96	1.22	.96			1.23	1.10	.82	.40	.48
30	.48		.30	1.47	.95			1.27	1.07	.87	.57	.58
31	.86		1.29		.01			1.31		.60		.61
NO.:	31	28	31	30	31	0	0	30	30	31	30	31
MAX:	.86	1.08	1.31	1.47	1.62			1.39	1.31	1.12	.87	.71
MEAN:	.591	.799	.906	1.068	1.054			1.260	1.145	.840	.604	.559
ANNUAL OBSERVATIONS:	303		ANNUAL MEAN:	.882	ANNUAL MAX:	1.62						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(64101) Barometric pressure

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 4

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (014) INSTRUMENTAL BAROMETRIC SENSOR
 PQAQ: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Millibars
 MIN DETECTABLE: .7

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	869.2	871.9	866.6	863.9	870.6			866.6	862.6	863.9	870.6	870.6
2	869.2	875.9	863.9	855.9	871.9			866.6	865.2	863.9	875.9	867.9
3	866.6	877.2	865.2	867.9	867.9			863.9	865.2	863.9	867.9	866.6
4	869.2	874.6	870.6	869.2	871.9			863.9	866.6	858.6	851.9	867.9
5	873.2	866.6	869.2	862.6	870.6			862.6	863.9	853.2	855.9	871.9
6	874.6	869.2	861.2	859.9	859.9			862.6	867.9	855.9	861.2	873.2
7	869.2	866.6	854.6	850.6	855.9			862.6	870.6	863.9	866.6	873.2
8	861.2	867.9	867.9	853.2	851.9		861.2	862.6	870.6	867.9	874.6	869.2
9	862.6	870.6	871.9	855.9	853.2		861.2	859.9	866.6	866.6	877.2	873.2
10	870.6	869.2	870.6	867.9	857.2		862.6	861.2	865.2	861.2	874.6	873.2
11	871.9	873.2	866.6	869.2	862.6		862.6	861.2	866.6	865.2	865.2	862.6
12	873.2	873.2	865.2	862.6	866.6		861.2	863.9	869.2	869.2	855.9	858.6
13	873.2	867.9	869.2	861.2	867.9		858.6	863.9	869.2	867.9	855.9	861.2
14	874.6	863.9	867.9	869.2	859.9		857.2	863.9	863.9	863.9	857.2	866.6
15	874.6	861.2	866.6	869.2	857.2		858.6	862.6	861.2	862.6	865.2	871.9
16	865.2	853.2	863.9	862.6	859.9		858.6	865.2	861.2	865.2	870.6	875.9
17	863.9	858.6	866.6	855.9	854.6		861.2	865.2	866.6	873.2	866.6	875.9
18	865.2	857.2	865.2	855.9	850.6		863.9	863.9	869.2	874.6	850.6	869.2
19	869.2	855.9	857.2	862.6	855.9		862.6	861.2	867.9	867.9	858.6	867.9
20	873.2	857.2	858.6	862.6	859.9		865.2	861.2	866.6	866.6	861.2	866.6
21	869.2	859.9	850.6	861.2	859.9		859.9	863.9	866.6	867.9	866.6	865.2
22	869.2	858.6	861.2	863.9	858.6		859.9	863.9	869.2	870.6	869.2	875.9
23	869.2	859.9	862.6	861.2	857.2		863.9	863.9	870.6	869.2	866.6	878.6
24	869.2	857.2	853.2	857.2	862.6		866.6	865.2	866.6	862.6	858.6	881.2
25	870.6	855.9	857.2	857.2	863.9		862.6	862.6	862.6	865.2	874.6	878.6
26	874.6	853.2	857.2	862.6	861.2		858.6	865.2	865.2	867.9	881.2	870.6
27	874.6	862.6	855.9	865.2	861.2		862.6	865.2	867.9	869.2	879.9	870.6
28	870.6	863.9	865.2	865.2	857.2		865.2	865.2	867.9	871.9	871.9	870.6
29	863.9		866.6	862.6	849.2		865.2	863.9	867.9	867.9	871.9	863.9
30	859.9		866.6	866.6	863.9		866.6	859.9	866.6	870.6	865.2	862.6
31	863.9		866.6		863.9		865.2	857.2		866.6		874.6
NO.:	31	28	31	30	31	0	24	31	30	31	30	31
MAX:	874.6	877.2	871.9	869.2	871.9		866.6	866.6	870.6	874.6	881.2	881.2
MEAN:	869.18	864.37	863.60	862.03	860.80		862.13	863.25	866.57	865.96	866.30	870.18
ANNUAL OBSERVATIONS:	328		ANNUAL MEAN:	865.01	ANNUAL MAX:	881.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

(65102) Rain/melt precipitation

SITE ID: 49-003-7001 POC: 1
 COUNTY: (003) Box Elder
 CITY: (00000) Not in a city
 SITE ADDRESS: 8600 WEST 24000 NORTH PORTAGE, UTAH
 SITE COMMENTS: SITE IS LOCATED IN MALAD VALLEY
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.94595
 LONGITUDE: -112.233179
 UTM ZONE: 12
 UTM NORTHING: 4644310
 UTM EASTING: 397781
 ELEVATION-MSL: 1369
 PROBE HEIGHT: 4

SUPPORT AGENCY: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)
 MONITOR TYPE: TRIBAL MONITORS
 COLLECTION AND ANALYSIS METHOD: (014) Heated Tipping Bucket Instrument
 PQA0: (195) Northwestern Band of Shoshoni Nation of Utah (Washakie)

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.00	.00	.00	.00	.00							
2	.00	.00	.00	2.10	.00							
3	.00	.00	.00	.10	.00							
4	.00	.00	.00	.00	.00							.00
5	.00	.00	.00	.00	.00							.00
6	.00	.00	.00	.00	.00							.00
7	.00	.00	.00	2.40	.00							.00
8	.00	.00	.00	.30	4.30							.00
9	.00	.00	.00	1.10	1.50							
10	.00	.00	.00	.10	.30							
11	.00	.00	.00	.00	.80							
12	.00	.00	.00	.10	.10							
13	.20	.00	.00	1.00	.00							
14	.10	.00	.00	.10	.00							.00
15	.10	.00	.00	.00	.00							.00
16	.20	.10	.00	.20	.00							.00
17	.20	.10	.00	1.60	.10							.00
18	.10	.00	.00	2.90	3.50							.00
19	.00	.00	.00	.00	.40							
20	.00	.00	.00	.10	2.00							
21	.00	.00	.00	.50	.10							
22	.00	.00	.00	.10	.10							
23	.00	.00	.00	.00	.10							
24	.00	.00	.00	.00	.10							
25	.00	.00	.00	1.10	.00							
26	.00	.00	.00	.10	.10							
27	.00	.00	.00	.00	.00							
28	.00	.00	.00	.00	.00							
29	.00		.00	.00	.00						.00	
30	.00		.00	.00	.00						.00	.00
31	.00		.00	.00	.00						.00	.00
NO.:	31	28	31	30	31	0	0	0	0	0	2	12
MAX:	.20	.10	0.00	2.90	4.30						0.00	0.00
MEAN:	.029	.007	0.000	.463	.435						0.000	0.000
ANNUAL OBSERVATIONS:	165		ANNUAL MEAN:	.173	ANNUAL MAX:	4.30						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-005-0004 POC: 1
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS: NEW PARAMETER FOR LOGAN

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-43-9
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	38.0	8.0	71.0		5.0	25.0	10.0	7.0	13.0	21.0	11.0	9.0
2	13.0	11.0	71.0		29.0	3.0	6.0	9.0	16.0	6.0	79.0	37.0
3	45.0	20.0	58.0		7.0	9.0	3.0	6.0	6.0	28.0	78.0	36.0
4	70.0		50.0		21.0	9.0	3.0	7.0	5.0	10.0	113.0	6.0
5	88.0		21.0		22.0	4.0	7.0	9.0	6.0	19.0	11.0	62.0
6	65.0		4.0		17.0	25.0	11.0	6.0	8.0	8.0	5.0	94.0
7	48.0		7.0	30.0	6.0	6.0	9.0	3.0	29.0	5.0	9.0	98.0
8	36.0	6.0	24.0	8.0	3.0	14.0	8.0	9.0	13.0	18.0	32.0	79.0
9	68.0	13.0	21.0	4.0	4.0	5.0	7.0	11.0	21.0	18.0	53.0	112.0
10	25.0	26.0	76.0	6.0	5.0	12.0	2.0	12.0	7.0	90.0	80.0	93.0
11	89.0	61.0	4.0	33.0	10.0	4.0	5.0	9.0	5.0	20.0	120.0	56.0
12	31.0	53.0	13.0	9.0	28.0	3.0	10.0	10.0	24.0	66.0	30.0	131.0
13	122.0	33.0	17.0	20.0	12.0	7.0	5.0	8.0	13.0	67.0	11.0	90.0
14	47.0	88.0	21.0	4.0	4.0	13.0	8.0	3.0	16.0	80.0	14.0	65.0
15	34.0	74.0	24.0	21.0	2.0	19.0	9.0	7.0	18.0	34.0	34.0	83.0
16	22.0	7.0	27.0	7.0	4.0	5.0	8.0	17.0	15.0	11.0	44.0	54.0
17	13.0	31.0	12.0	3.0	4.0	13.0	4.0	23.0	19.0	35.0	72.0	75.0
18	185.0	44.0	35.0	9.0	8.0	5.0	4.0	18.0	11.0	65.0	9.0	7.0
19	12.0	32.0	4.0	7.0	8.0	3.0	14.0	20.0	47.0	46.0	30.0	80.0
20	15.0	6.0	3.0	20.0	8.0	9.0	15.0	5.0	45.0	62.0	10.0	89.0
21	9.0	21.0	14.0	13.0	8.0	20.0	7.0	3.0	52.0	53.0	76.0	23.0
22	15.0	38.0	5.0	45.0	2.0	12.0	12.0	33.0	37.0	48.0	128.0	70.0
23	15.0	17.0	16.0	5.0	7.0	7.0	7.0	10.0	35.0	32.0	99.0	73.0
24	80.0	22.0	18.0	4.0	5.0	8.0	5.0	23.0	26.0	77.0	44.0	58.0
25	24.0	9.0	6.0	7.0	18.0	4.0	10.0	8.0	8.0	23.0	26.0	45.0
26	26.0	15.0	9.0	6.0	3.0	2.0	8.0	13.0	26.0	56.0	48.0	95.0
27	26.0	24.0	3.0	22.0	10.0	11.0	10.0	6.0	38.0	34.0	29.0	119.0
28	7.0	58.0	8.0	9.0	3.0	11.0	9.0	3.0	30.0	67.0	100.0	51.0
29	6.0		31.0	8.0	2.0	3.0	11.0	7.0	32.0	60.0	116.0	77.0
30	15.0		42.0	5.0	3.0	9.0	6.0	19.0	46.0	38.0	103.0	73.0
31	11.0		57.0		25.0		3.0	8.0		66.0		18.0
NO.:	31	24	31	24	31	30	31	31	30	31	30	31
MAX:	185.0	88.0	76.0	45.0	29.0	25.0	15.0	33.0	52.0	90.0	128.0	131.0
MEAN:	41.94	29.88	24.90	12.71	9.45	9.33	7.61	10.71	22.23	40.74	53.80	66.39
ANNUAL OBSERVATIONS:	355		ANNUAL MEAN:		27.71	ANNUAL MAX:		185.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-005-0004 POC: 1
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS: NEW PARAMETER FOR LOGAN

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 11104-93-1
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	77.0	17.0	139.0		23.0	45.0	22.0	22.0	29.0	35.0	32.0	14.0
2	46.0	35.0	123.0		56.0	8.0	38.0	18.0	49.0	24.0	103.0	59.0
3	83.0	54.0	106.0		33.0	18.0	13.0	22.0	31.0	47.0	103.0	65.0
4	115.0		84.0		50.0	39.0	16.0	23.0	26.0	24.0	144.0	22.0
5	130.0		38.0		33.0	19.0	18.0	25.0	16.0	35.0	38.0	94.0
6	103.0		16.0		38.0	40.0	23.0	18.0	26.0	21.0	17.0	128.0
7	96.0		17.0	63.0	20.0	14.0	34.0	15.0	51.0	16.0	20.0	132.0
8	78.0	17.0	47.0	38.0	12.0	24.0	20.0	29.0	39.0	31.0	63.0	111.0
9	104.0	29.0	60.0	25.0	13.0	21.0	14.0	25.0	47.0	25.0	90.0	145.0
10	50.0	47.0	109.0	29.0	17.0	22.0	4.0	27.0	27.0	106.0	108.0	122.0
11	129.0	93.0	19.0	68.0	23.0	10.0	22.0	24.0	14.0	45.0	156.0	82.0
12	57.0	95.0	35.0	25.0	48.0	13.0	25.0	36.0	48.0	88.0	66.0	162.0
13	162.0	69.0	32.0	46.0	24.0	18.0	12.0	27.0	45.0	86.0	36.0	114.0
14	78.0	119.0	47.0	18.0	7.0	25.0	22.0	19.0	36.0	107.0	41.0	96.0
15	77.0	119.0	49.0	54.0	4.0	34.0	22.0	13.0	39.0	63.0	69.0	116.0
16	54.0	33.0	54.0	16.0	9.0	17.0	22.0	32.0	34.0	22.0	77.0	84.0
17	39.0	66.0	37.0	9.0	16.0	26.0	11.0	59.0	34.0	57.0	101.0	101.0
18	225.0	92.0	71.0	36.0	19.0	12.0	16.0	34.0	24.0	84.0	32.0	24.0
19	37.0	77.0	14.0	26.0	21.0	11.0	35.0	60.0	62.0	64.0	67.0	107.0
20	29.0	16.0	13.0	44.0	31.0	16.0	29.0	27.0	63.0	84.0	29.0	112.0
21	33.0	61.0	41.0	30.0	27.0	34.0	31.0	20.0	69.0	74.0	112.0	48.0
22	37.0	72.0	21.0	86.0	14.0	27.0	24.0	54.0	57.0	66.0	156.0	100.0
23	42.0	50.0	36.0	16.0	21.0	18.0	33.0	34.0	61.0	46.0	129.0	97.0
24	106.0	59.0	48.0	18.0	17.0	24.0	28.0	45.0	43.0	95.0	67.0	83.0
25	59.0	35.0	20.0	23.0	40.0	9.0	21.0	27.0	36.0	53.0	57.0	70.0
26	52.0	30.0	19.0	27.0	12.0	10.0	24.0	42.0	52.0	78.0	78.0	126.0
27	54.0	76.0	7.0	42.0	26.0	22.0	26.0	34.0	64.0	54.0	58.0	152.0
28	21.0	110.0	29.0	27.0	10.0	26.0	31.0	12.0	56.0	90.0	123.0	81.0
29	20.0		64.0	16.0	4.0	11.0	29.0	36.0	63.0	96.0	145.0	109.0
30	34.0		68.0	26.0	18.0	22.0	19.0	45.0	66.0	65.0	131.0	104.0
31	32.0		87.0		44.0		11.0	35.0		100.0		45.0
NO.:	31	24	31	24	31	30	31	31	30	31	30	31
MAX:	225.0	119.0	139.0	86.0	56.0	45.0	38.0	60.0	69.0	107.0	156.0	162.0
MEAN:	72.87	61.29	50.00	33.67	23.55	21.17	22.42	30.29	43.57	60.68	81.60	93.71
ANNUAL OBSERVATIONS:	355		ANNUAL MEAN:	49.66	ANNUAL MAX:	225.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-005-0004 POC: 1
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Knots

MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2.7	14.0	3.8	6.4	1.8	13.9	4.4	5.8	7.2	7.4	7.5	13.2
2	3.6	8.0	4.8	8.9	.8	9.0	4.0	6.1	5.1	7.2	4.0	5.0
3	4.2	3.6	5.6	4.2	2.0	4.5	7.6	7.4	5.0	6.7	3.8	3.7
4	3.0	3.0	5.4	5.9	.6	5.4	8.2	6.0	7.8	6.8	13.7	10.8
5	3.1	7.0	4.0	6.9	8.5	6.2	8.6	7.3	5.3	10.2	5.2	9.0
6	3.1	3.7	6.3	8.5	2.7	8.6	4.3	6.3	8.2	5.1	6.8	2.8
7	3.0	10.2	4.3	6.1	1.4	8.3	6.0	9.3	12.6	8.7	6.1	2.7
8	3.0	14.8	7.1	4.0	4.4	11.3	11.7	8.8	5.2	4.2	3.5	3.0
9	2.9	8.2	2.4	3.6	6.9	6.4	5.6	6.4	8.9	4.2	4.8	3.1
10	5.7	4.3	9.4	2.7	4.3	5.6	13.5	5.8	7.4	6.7	2.9	2.7
11	3.5	3.8	5.2	4.6	2.7	6.5	6.8	6.3	6.0	7.8	3.3	2.8
12	3.6	3.2	3.3	4.3	1.7	6.0	9.9	3.6	6.9	3.7	8.3	2.3
13	4.8	5.3	6.4	8.7	6.7	8.7	10.0	5.6	5.4	3.3	6.0	4.2
14	3.0	9.9	4.9	6.8	15.7	4.3	9.6	9.7	7.3	3.0	8.9	4.0
15	3.9	10.0	4.8	4.3	12.4	7.6	6.1	8.5	5.5	5.1	5.0	5.1
16	7.5	15.4	7.3	3.8	1.6	8.9	9.5	6.8	8.1	8.5	3.8	3.3
17	6.5	4.9	4.9	2.8	1.8	4.3	4.9	6.3	7.1	4.5	12.4	2.5
18	8.3	3.3	8.9	3.4	4.7	7.3	7.1	4.9	3.3	5.1	10.8	3.4
19	9.3	3.3	11.6	4.2	8.8	6.7	9.2	6.3	6.9	4.7	3.6	3.5
20	5.1	6.3	10.4	4.0	6.1	4.1	5.5	5.3	4.2	2.8	2.3	4.3
21	4.3	3.6	8.9	6.1	5.8	4.1	6.9	7.6	3.6	3.5	2.9	6.1
22	6.9	8.2	7.0	3.6	7.0	6.1	7.1	6.9	4.0	3.4	4.2	3.4
23	4.3	4.4	9.4	5.6	8.6	8.9	3.6	5.6	6.3	3.6	3.3	2.8
24	3.8	6.3	8.4	2.6	6.8	7.7	4.9	5.6	3.0	9.1	6.0	3.1
25	3.9	6.8	5.9	9.0	5.0	6.2	13.0	7.0	4.9	4.6	8.4	2.7
26	3.6	4.0	8.2	7.3	13.9	6.3	6.4	8.4	4.5	5.0	5.4	3.4
27	3.6	4.9	4.9	.8	8.6	4.9	5.9	4.1	5.4	4.1	3.0	3.7
28	4.3	7.1	8.3	6.4	5.3	12.4	4.1	7.6	4.3	3.2	4.5	4.2
29	3.0		5.1	2.9	6.2	13.9	5.6	5.3	3.7	3.0	3.0	5.6
30	4.6		6.3	2.8	10.1	7.0	4.8	5.6	3.1	3.0	10.2	9.6
31	7.5		8.9		7.9		6.9	13.1		3.6		7.6
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	9.3	15.4	11.6	9.0	15.7	13.9	13.5	13.1	12.6	10.2	13.7	13.2
MEAN:	4.50	6.70	6.52	5.04	5.83	7.37	7.15	6.75	5.87	5.22	5.79	4.63
ANNUAL OBSERVATIONS:		365		ANNUAL MEAN:	5.94		ANNUAL MAX:	15.7				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-005-0004 POC: 1
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	310	356	345	312	359	348	348	352	357	357		359
2	356	350	332	358	359	356	334	358	356	359		351
3	352	356	359	355	360	341	343	327	357	349		352
4	355	345	350	356	347	338	359	346	359	267		358
5	350	360	353	359	354	354	351	356	355	350		356
6	337	357	358	299	353	345	344	355	358	352		351
7	359	351	356	358	353	354	342	352	342	262		338
8	357	349	341	324	350	355	360	357	355	359		358
9	355	357	324	344	347	360	353	355	331	351	323	326
10	353	334	349	343	360	357	359	346	335	352	355	359
11	344	354	353	354	358	359	351	349	360	312	357	350
12	356	357	334	358	357	356	276	356	356	350	354	292
13	356	351	309	356	355	246	228	260	353	348	344	350
14	353	359	341	350	233	336	340	229	353	341	344	352
15	354	218	352	328	351	351	343	354	359	360	345	358
16	358	346	356	336	359	358	350	360	358	355	349	341
17	358	358	338	359	336	347	345	354	355	358	348	339
18	329	357	356	353	350	345	218	343	355	346	358	354
19	359	351	351	359	360	359	346	305	231	348	349	341
20	351	352	351	356	319	349	358	355	358	358	336	348
21	352	343	345	357	359	357	347	349	323	354	342	341
22	350	343	309	355	355	355	358	351	360	358	354	244
23	355	349	270	322	358	355	343	354	359	354	347	349
24	351	359	348	335	348	351	358	359	334	277	353	342
25	358	353	352	340	351	355	335	342	240		359	352
26	355	350	359	356	360	351	358	346	329		343	355
27	359	297	359	353	356	353	316	354	357		347	358
28	353	359	357	357	358	342	350	358	340		350	342
29	355		349	359	354	356	340	358	347		349	355
30	355		354	353	348	358	341	350	352		358	311
31	353		360		358		359	343				313
NO.:	31	28	31	30	31	30	31	31	30	24	22	31
MAX:	359.	360.	360.	359.	360.	360.	360.	360.	360.	360.	359.	359.
MEAN:	351.5	345.4	344.2	346.8	349.2	348.2	337.2	343.0	342.8	340.7	348.4	341.8
ANNUAL OBSERVATIONS:	350		ANNUAL MEAN:	344.9		ANNUAL MAX:	360.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-005-0004 POC: 3
 COUNTY: (005) Cache
 CITY: (45860) Logan
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.
 MONITOR COMMENTS: FDMS CONTINUOUS MINITOR

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.731111
 LONGITUDE: -111.8375
 UTM ZONE: 12
 UTM NORTHING: 4620024
 UTM EASTING: 430337
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	24.6	7.7	49.4	19.8	13.4	15.4	18.8	30.4			6.5	5.3
2	28.6	12.9	52.3	19.2	12.2	12.0	62.8	16.9			9.6	8.9
3	36.9	24.4	28.6	9.7	11.4	14.6	30.7	72.4			14.4	8.6
4	50.4	25.4	13.4	13.1	11.4	23.7	58.7	13.8	4.6		12.5	6.1
5	67.9	31.6	22.8	10.8	10.5	22.1	27.9	12.4	3.5		8.4	8.7
6	80.6	15.0	14.1	13.1	12.6	17.6	15.2	12.7	6.5		5.7	20.7
7	104.6	11.8	15.4	12.8	12.6	12.1	29.1	15.9	3.9		5.7	26.0
8	103.9	8.6	11.5	21.8	11.1	13.1	10.7	12.0	5.3		9.7	31.3
9	72.0	16.9	29.3	16.1	9.1	10.7	25.3	13.4	6.9		11.4	32.6
10	33.0	21.3	33.3	13.3	8.8	10.9	11.9	13.9	11.2		15.5	30.5
11	32.8	15.3	11.4	13.8	9.8	13.1	12.4	14.2	5.8		19.9	27.7
12	44.8	21.0	13.5	11.8	12.3	13.9	16.9	13.7	6.6		13.0	31.3
13	59.8	13.6	12.9	14.2	13.4	15.1	11.9	14.2	8.5		4.8	30.6
14	88.5	21.4	16.6	12.2	9.3	11.6	10.4	10.8	9.1		5.5	30.8
15		15.2	16.4	19.4	46.4	13.4	12.0	16.0	9.5		6.1	19.6
16	36.8	17.8	13.2	16.3	10.4	13.3	14.3	34.3	5.8		10.7	28.9
17	13.5	9.8	10.0	11.7	10.1	12.1	13.1	80.6	8.9		13.8	21.8
18	22.2	27.0	22.6	10.6	10.6	12.4	22.4	14.8	8.7		6.9	22.3
19	29.9	25.1	31.7	10.7	12.7	10.6	16.1	18.5	10.5		17.7	26.3
20	31.9	9.2	17.5	11.5	11.0	11.2	16.9	18.8	7.6		14.8	24.4
21	21.7	19.4	21.6	17.9	13.2	12.3	13.3	14.1	12.2		28.1	29.2
22	16.2	24.1	9.6	10.5	12.5	13.8	12.3	13.1	10.8		30.2	12.8
23	20.1	16.1	9.6	13.4	12.8	26.6	33.4	13.5	12.9		31.4	19.8
24	22.6	24.1	12.3	14.3	10.0	36.9	47.3	20.5	10.9		27.7	21.1
25	37.3	15.2	13.2	10.8	16.7	14.5	20.7	13.4	8.2		7.5	35.1
26	36.5	14.0	13.1	10.0	17.5	12.0	15.6	13.9	7.9		13.8	29.3
27	36.0	21.5	10.8	10.7	13.1	15.1	15.8	18.3	11.0		13.2	30.8
28	39.1	36.4	10.8	8.8	16.8	52.4	15.9	22.6	19.7		22.4	25.1
29	42.7		11.1	9.7	12.0	38.7	19.1	27.2	19.5		25.8	11.1
30	36.2		18.0	9.4	10.3	18.1	18.6	15.6	19.2		20.7	10.6
31	28.3		13.1		13.8		27.8	17.8	11.9			10.7
NO.:	30	28	31	30	31	30	31	31	0	28	30	31
MAX:	104.6	36.4	52.3	21.8	46.4	52.4	62.8	80.6	19.7	31.4	35.1	
MEAN:	43.31	18.64	18.68	13.25	13.15	17.31	21.85	20.64	9.54	14.45	21.87	
ANNUAL OBSERVATIONS:	331		ANNUAL MEAN:	19.40	ANNUAL MAX:	104.6						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-007-1003 POC: 1
 COUNTY: (007) Carbon
 CITY: (00000) Not in a city
 SITE ADDRESS: On Prperty of Resident at 351 W 2500 E. Price, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10102-43-9
 LATITUDE: 39.6099601288
 LONGITUDE: -110.80074869
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1722
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1						2.0			2.0	2.0	21.0	.0
2				16.0		1.0			4.0	5.0	1.0	1.0
3						2.0			3.0	7.0	5.0	.0
4						5.0			3.0	1.0	9.0	.0
5						5.0			3.0	.0	.0	.0
6						3.0			1.0	.0	.0	9.0
7						11.0			1.0	3.0	4.0	8.0
8				7.0		3.0			5.0	1.0	.0	9.0
9						2.0			4.0	3.0	7.0	13.0
10						3.0			7.0	1.0	18.0	5.0
11						.0			1.0	2.0	13.0	3.0
12						.0			10.0	1.0	1.0	12.0
13						3.0			5.0	9.0	2.0	4.0
14						1.0			4.0	2.0	5.0	14.0
15						25.0			.0	3.0	6.0	13.0
16						1.0			6.0	1.0	5.0	17.0
17						1.0			.0	.0	2.0	9.0
18						1.0			.0	2.0	4.0	14.0
19					10.0	.0		.0	4.0	6.0	.0	.0
20						.0		2.0	2.0	13.0	5.0	5.0
21				1.0		2.0		3.0	5.0	2.0	12.0	10.0
22						3.0		5.0	2.0	3.0	6.0	.0
23						6.0		2.0	2.0	4.0	6.0	10.0
24						1.0		7.0	2.0	9.0	6.0	4.0
25						6.0		11.0	2.0	9.0	7.0	6.0
26						.0		18.0	3.0	.0	.0	4.0
27						4.0		2.0	.0	1.0	2.0	3.0
28						1.0		2.0	.0	6.0	10.0	15.0
29						.0		1.0	5.0	5.0	2.0	8.0
30						.0		8.0	6.0	1.0	.0	14.0
31						2.0			13.0	7.0		.0
NO.:	0	0	0	3	7	30	0	13	30	31	30	31
MAX:				16.0	10.0	25.0		18.0	10.0	13.0	21.0	17.0
MEAN:				8.00	2.43	3.33		5.54	3.13	3.52	5.93	6.68
ANNUAL OBSERVATIONS:		175		ANNUAL MEAN:	4.58	ANNUAL MAX:	25.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-007-1003 POC: 1
 COUNTY: (007) Carbon
 CITY: (00000) Not in a city
 SITE ADDRESS: On Prperty of Resident at 351 W 2500 E. Price, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 11104-93-1
 LATITUDE: 39.6099601288
 LONGITUDE: -110.80074869
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1722
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1						9.0			13.0	12.0	42.0	6.0
2				31.0		7.0			14.0	16.0	9.0	14.0
3						37.0			26.0	26.0	12.0	8.0
4						38.0			35.0	14.0	20.0	6.0
5						13.0			11.0	3.0	8.0	8.0
6						6.0			13.0	6.0	12.0	21.0
7						23.0			8.0	9.0	14.0	19.0
8				22.0		9.0			17.0	5.0	7.0	17.0
9						8.0			17.0	9.0	20.0	26.0
10						13.0			19.0	4.0	32.0	13.0
11						13.0			17.0	11.0	30.0	9.0
12						5.0			21.0	8.0	10.0	28.0
13						15.0			38.0	20.0	14.0	14.0
14						10.0			12.0	8.0	12.0	24.0
15						27.0			8.0	8.0	15.0	24.0
16						17.0			17.0	6.0	15.0	30.0
17						9.0			2.0	3.0	8.0	18.0
18						7.0			3.0	10.0	14.0	27.0
19					29.0	4.0		12.0	22.0	15.0	18.0	8.0
20						8.0		21.0	9.0	27.0	16.0	18.0
21				6.0		13.0		27.0	18.0	8.0	25.0	24.0
22						13.0		17.0	22.0	10.0	16.0	6.0
23						26.0		10.0	21.0	11.0	13.0	20.0
24						21.0		24.0	12.0	21.0	14.0	8.0
25						32.0		35.0	8.0	24.0	14.0	13.0
26					2.0	11.0		40.0	21.0	4.0	2.0	10.0
27					14.0	16.0		18.0	33.0	10.0	7.0	8.0
28					8.0	8.0		15.0	28.0	24.0	20.0	29.0
29					7.0	5.0		20.0	46.0	9.0	36.0	21.0
30					4.0	16.0		21.0	11.0	7.0	29.0	13.0
31					8.0			28.0		17.0		19.0
NO.:	0	0	0	3	7	30	0	13	30	31	30	31
MAX:				31.0	29.0	38.0		40.0	46.0	27.0	42.0	30.0
MEAN:				19.67	10.29	14.63		22.15	18.07	11.77	16.80	16.42
ANNUAL OBSERVATIONS:	175		ANNUAL MEAN:	15.87	ANNUAL MAX:	46.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-007-1003 POC: 1
 COUNTY: (007) Carbon
 CITY: (00000) Not in a city
 SITE ADDRESS: On Prperty of Resident at 351 W 2500 E. Price, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 39.6099601288
 LONGITUDE: -110.80074869
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1722
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				10.2	16.8	13.6	5.8	10.0	16.8	9.2	20.5	32.7
2				24.0	9.7	16.7	10.3	6.2	17.6	8.6	12.6	8.1
3				25.5	20.7	11.8	13.7	20.0	11.7	10.2	7.8	15.6
4				10.9	15.0	11.1	15.5	12.2	6.6	20.0	14.5	9.3
5				19.2	6.8	12.2	11.5	7.7	16.7	14.2	22.6	15.4
6				19.1	19.3	24.9	10.1	11.4	10.9	14.6	10.2	5.9
7				25.6	17.8	13.0	15.1	14.2	14.5	14.5	9.8	7.6
8				23.1	22.9	14.6	8.9	9.6	13.3	13.1	12.0	5.1
9				15.8	13.7	16.8	12.9	13.2	14.3	9.0	4.9	5.0
10				18.5	10.3	10.7	11.5	12.4	8.1	7.4	5.1	6.9
11				8.9	15.2	13.4	10.2	14.8	12.7	13.5	5.9	7.5
12				13.9	14.6	16.1	14.3	12.9	8.1	12.6	6.3	4.4
13				18.1	11.4	17.8	10.3	18.3	6.7	9.0	16.0	4.9
14				19.5	19.5	15.1	10.2	12.3	14.7	5.9	14.8	7.8
15				7.7	18.8	22.8	11.8	13.5	11.8	6.1	14.5	8.2
16				13.2	21.6	24.0	13.8	8.9	7.9	10.3	8.9	6.1
17				19.3	11.2	14.0	12.8	13.7	13.1	19.9	6.0	7.4
18				20.8	10.3	14.7	16.2	22.9	8.2	12.9	11.9	7.7
19				17.8	12.8	19.4	15.0	9.4	9.6	7.4	14.8	14.9
20				18.3	13.8	16.2	9.0	12.8	13.4	6.5	4.4	11.7
21				23.3	14.6	14.2	10.3	8.5	16.7	5.4	10.1	14.1
22				14.9	11.6	8.4	11.1	9.4	11.2	12.4	8.6	13.2
23				9.3	16.3	15.2	10.2	8.9	7.6	6.3	8.1	11.7
24				10.6	15.0	16.6	8.4	11.1	7.6	6.9	6.8	4.2
25				20.9	8.8	14.6	14.8	17.5	9.5	19.8	23.4	4.4
26				28.2	18.8	18.1	13.4	8.0	8.2	16.3	17.5	5.3
27				12.6	18.7	7.6	15.0	9.1	10.6	7.4	7.0	5.5
28				13.0	16.2	17.2	11.6	14.1	12.2	8.9	4.3	4.9
29				21.0	25.3	16.9	6.8	14.0	7.2	5.0	6.9	7.2
30				17.7	15.3	14.6	11.2	14.2	6.5	6.6	13.5	7.1
31					12.1		10.5	15.3		8.2		27.4
NO.:	0	0	0	30	31	30	31	31	30	31	30	31
MAX:				28.2	25.3	24.9	16.2	22.9	17.6	20.0	23.4	32.7
MEAN:				17.36	15.32	15.41	11.68	12.47	11.13	10.58	10.99	9.59
ANNUAL OBSERVATIONS:	275		ANNUAL MEAN:	12.71	ANNUAL MAX:	32.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-007-1003 POC: 1
 COUNTY: (007) Carbon
 CITY: (00000) Not in a city
 SITE ADDRESS: On Prperty of Resident at 351 W 2500 E. Price, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 39.6099601288
 LONGITUDE: -110.80074869
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1722
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				353	355	352	352	355	333	344	359	301
2				359	351	287	338	350	344	359	353	354
3				332	355	352	359	356	358	360	353	344
4				345	347	336	360	358	342	359	340	359
5				351	348	360	360	349	353	177	352	338
6				351	351	358	350	343	325	328	351	358
7				232	355	359	352	348	358	349	353	349
8				207	302	331	356	357	354	358	345	342
9				329	350	340	344	352	359	357	359	359
10				338	321	348	360	357	353	358	359	358
11				357	360	357	349	350	347	340	360	358
12				360	345	347	333	346	343	357	357	358
13				357	357	358	331	346	341	360	356	352
14				348	346	339	350	357	356	360	349	360
15				351	323	341	355	324	356	352	355	358
16				353	329	322	346	359	342	358	357	359
17				358	359	351	358	338	357	344	359	337
18				356	340	359	350	353	356	345	359	359
19				351	360	323	346	348	352	355	359	358
20				353	327	321	334	349	355	358	355	352
21				343	315	358	350	342	349	355	359	356
22				357	337	346	351	345	344	354	359	345
23				356	349	354	352	359	357	355	360	355
24				356	337	353	353	349	352	359	348	360
25				358	342	357	351	343	348	359	356	359
26				335	357	351	348	360	334	355	354	360
27				352	359	341	339	353	350	343	356	352
28				360	350	343	354	328	332	351	358	337
29				333	359	360	354	345	337	359	352	359
30				356	345	348	336	347	357	355	357	347
31					357		288	360		356		359
NO.:	0	0	0	30	31	30	31	31	30	31	30	31
MAX:				360.	360.	360.	360.	360.	359.	360.	360.	360.
MEAN:				341.6	344.8	345.1	347.1	349.2	348.1	347.7	355.0	351.7
ANNUAL OBSERVATIONS:	275			ANNUAL MEAN:	347.8		ANNUAL MAX:	360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-011-0004 POC: 1
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10102-43-9
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE: 12
 UTM NORTHING: 4528150.36
 UTM EASTING: 425503.56
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	27.0	1.0	44.0	48.0	6.0	3.0	7.0	.0	12.0	11.0	.0	.0
2	14.0	13.0	34.0	1.0	23.0	2.0	6.0	16.0	22.0	1.0	.0	66.0
3	56.0	50.0	18.0	1.0	5.0	8.0	5.0	3.0	8.0	35.0	.0	4.0
4	65.0	51.0	19.0	72.0	20.0	4.0	.0	4.0	10.0	10.0	.0	52.0
5	148.0	115.0	34.0	21.0	28.0	5.0	7.0	8.0	4.0	2.0	.0	10.0
6	222.0	16.0	5.0	9.0	47.0	46.0	8.0	2.0	14.0	2.0	.0	68.0
7	51.0	53.0	11.0	12.0	10.0	6.0	7.0	9.0	6.0	8.0	.0	82.0
8	38.0	14.0	31.0	27.0	1.0	9.0	5.0	4.0	1.0	9.0	.0	122.0
9	63.0	34.0	40.0	7.0	5.0	6.0	2.0	9.0	2.0	11.0	.0	104.0
10	66.0	79.0	48.0	1.0	4.0	5.0	3.0	6.0	9.0	49.0	.0	84.0
11	106.0	73.0	16.0	50.0	9.0	6.0	10.0	3.0	3.0	15.0	.0	89.0
12	94.0	33.0	8.0	9.0	58.0	3.0	46.0	15.0	23.0	42.0	.0	140.0
13	135.0	17.0	20.0	38.0	77.0	21.0	4.0	11.0	24.0	75.0	.0	62.0
14	49.0	74.0	31.0	4.0	1.0	6.0	1.0	2.0	15.0	59.0	.0	44.0
15	61.0	47.0	63.0	33.0	.0	10.0	37.0	13.0	20.0	19.0	.0	33.0
16	88.0	1.0	3.0	5.0	3.0	6.0	4.0	24.0	9.0	16.0	.0	22.0
17	37.0	12.0	6.0	4.0	7.0	11.0	4.0	16.0	12.0	3.0	.0	109.0
18	29.0	6.0	28.0	7.0	4.0	25.0	5.0	49.0	4.0	26.0	.0	8.0
19	19.0	18.0	1.0	4.0	10.0	2.0	1.0	15.0	37.0	55.0	.0	13.0
20	44.0	4.0	6.0	79.0	24.0	8.0	13.0	8.0	78.0	62.0	.0	36.0
21	70.0	11.0	7.0	60.0	17.0	33.0	11.0	2.0	19.0	10.0	.0	68.0
22	13.0	5.0	3.0	9.0	1.0	38.0	6.0	33.0	66.0	36.0	.0	52.0
23	61.0	23.0	69.0	11.0	2.0	10.0	3.0	46.0	24.0	10.0	.0	103.0
24	121.0	123.0	3.0	11.0	7.0	5.0	4.0	34.0	19.0	55.0	.0	72.0
25	72.0	14.0	10.0	6.0	18.0	4.0	9.0	24.0	5.0	8.0	.0	50.0
26	65.0	5.0	24.0	5.0	3.0	4.0	12.0	21.0	16.0	37.0	.0	95.0
27	142.0	2.0	5.0	21.0	35.0	3.0	3.0	7.0	35.0	84.0	.0	132.0
28	17.0	31.0	2.0	30.0	4.0	3.0	6.0	2.0	43.0	51.0	.0	180.0
29	18.0		64.0	4.0	1.0	8.0	4.0	9.0	57.0	74.0	.0	122.0
30	24.0		1.0	4.0	2.0	12.0	21.0	5.0	32.0	26.0	.0	18.0
31	13.0		5.0		43.0		2.0	2.0		37.0		12.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	222.0	123.0	69.0	79.0	77.0	46.0	46.0	49.0	78.0	84.0	0.0	180.0
MEAN:	65.42	33.04	21.26	19.77	15.32	10.40	8.26	12.97	20.97	30.26	0.00	66.19
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		25.39	ANNUAL MAX:		222.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-011-0004 POC: 1
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 11104-93-1
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE: 12
 UTM NORTHING: 4528150.36
 UTM EASTING: 425503.56
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	68.0	9.0	89.0	80.0	28.0	14.0	20.0	16.0	35.0	36.0	20.0	15.0
2	50.0	46.0	81.0	22.0	51.0	9.0	24.0	41.0	51.0	6.0	79.0	98.0
3	96.0	89.0	51.0	11.0	29.0	21.0	20.0	13.0	28.0	72.0	77.0	32.0
4	112.0	93.0	52.0	118.0	53.0	16.0	12.0	21.0	26.0	32.0	45.0	90.0
5	206.0	156.0	75.0	57.0	58.0	18.0	24.0	39.0	20.0	5.0	14.0	29.0
6	286.0	49.0	34.0	30.0	88.0	69.0	27.0	18.0	39.0	10.0	34.0	107.0
7	107.0	88.0	38.0	38.0	29.0	16.0	37.0	27.0	20.0	28.0	57.0	121.0
8	82.0	51.0	66.0	67.0	15.0	22.0	25.0	22.0	10.0	22.0	61.0	169.0
9	102.0	73.0	78.0	25.0	19.0	29.0	15.0	33.0	19.0	21.0	80.0	144.0
10	112.0	119.0	85.0	13.0	22.0	17.0	14.0	22.0	29.0	72.0	89.0	130.0
11	159.0	111.0	41.0	88.0	30.0	28.0	28.0	22.0	19.0	34.0	227.0	128.0
12	148.0	75.0	31.0	21.0	94.0	17.0	78.0	45.0	50.0	68.0	51.0	186.0
13	177.0	46.0	43.0	75.0	108.0	55.0	14.0	31.0	56.0	108.0	27.0	96.0
14	88.0	116.0	75.0	25.0	8.0	20.0	7.0	14.0	39.0	89.0	149.0	80.0
15	99.0	87.0	101.0	76.0	4.0	29.0	65.0	28.0	50.0	36.0	51.0	74.0
16	135.0	5.0	15.0	33.0	9.0	19.0	28.0	53.0	34.0	33.0	121.0	54.0
17	67.0	47.0	21.0	20.0	28.0	28.0	16.0	42.0	33.0	14.0	92.0	148.0
18	69.0	42.0	64.0	30.0	24.0	53.0	31.0	86.0	12.0	49.0	40.0	34.0
19	52.0	58.0	14.0	24.0	29.0	14.0	12.0	40.0	74.0	83.0	61.0	32.0
20	79.0	30.0	26.0	119.0	60.0	18.0	34.0	28.0	111.0	94.0	113.0	66.0
21	115.0	33.0	34.0	92.0	42.0	60.0	34.0	14.0	40.0	33.0	81.0	101.0
22	51.0	40.0	29.0	33.0	12.0	71.0	24.0	66.0	100.0	60.0	78.0	86.0
23	98.0	62.0	109.0	45.0	16.0	33.0	11.0	79.0	51.0	25.0	85.0	144.0
24	167.0	174.0	14.0	35.0	27.0	27.0	18.0	75.0	41.0	88.0	40.0	111.0
25	116.0	49.0	27.0	24.0	42.0	16.0	35.0	63.0	22.0	28.0	57.0	83.0
26	102.0	17.0	59.0	28.0	15.0	15.0	37.0	58.0	43.0	66.0	50.0	135.0
27	185.0	25.0	17.0	51.0	74.0	17.0	15.0	29.0	60.0	122.0	66.0	180.0
28	44.0	76.0	20.0	66.0	14.0	16.0	21.0	11.0	72.0	86.0	186.0	223.0
29	44.0		104.0	17.0	9.0	37.0	19.0	29.0	98.0	119.0	212.0	163.0
30	47.0		24.0	15.0	8.0	33.0	57.0	30.0	63.0	53.0	161.0	44.0
31	36.0		19.0		75.0		17.0	13.0		69.0		43.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	286.0	174.0	109.0	119.0	108.0	71.0	78.0	86.0	111.0	122.0	227.0	223.0
MEAN:	106.42	66.64	49.55	45.93	36.13	27.90	26.42	35.74	44.83	53.58	83.47	101.48
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	56.49	ANNUAL MAX:	286.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-011-0004 POC: 1
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE: 12
 UTM NORTHING: 4528150.36
 UTM EASTING: 425503.56
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	5.2	17.0	5.7	4.9	9.9	12.1	6.0	4.8	6.9	9.2	5.9	30.2
2	3.7	9.2	5.8	13.6	6.3	12.6	5.7	6.8	6.1	8.8	4.7	7.0
3	4.0	5.8	8.9	7.5	9.7	6.1	7.9	7.9	5.2	9.0	12.2	12.0
4	3.0	4.2	5.6	7.4	5.9	5.7	9.7	6.2	4.2	9.2	12.2	11.7
5	3.4	5.7	8.3	10.6	5.2	12.7	7.4	7.0	6.0	13.3	5.3	8.9
6	3.5	5.9	6.3	14.3	6.9	12.5	5.0	5.7	7.6	5.5	5.8	4.3
7	3.4	16.2	5.7	16.9	6.4	5.8	5.6	5.7	8.7	4.1	4.4	4.2
8	3.5	12.2	4.3	5.5	8.8	11.9	4.7	4.8	10.6	4.2	5.0	4.1
9	4.0	4.5	6.1	4.6	7.5	9.6	10.1	4.9	11.6	4.6	3.9	4.1
10	5.0	4.8	16.5	7.0	6.4	8.5	10.9	6.4	9.6	8.0	3.5	4.0
11	3.5	3.9	6.9	4.9	5.7	6.5	8.9	5.6	11.0	3.8	4.0	3.9
12	4.3	3.8	5.9	6.8	4.9	9.4	6.6	5.5	5.6	4.1	13.6	3.6
13	3.8	3.8	6.4	17.8	8.2	7.4	10.3	13.3	5.5	3.8	3.6	3.2
14	3.5	12.2	5.7	7.1	11.3	5.6	11.5	7.6	5.9	3.7	5.6	4.3
15	4.3	11.0	5.4	5.8	15.5	6.1	10.6	10.7	6.3	4.3	4.5	4.6
16	4.3	20.5	14.5	5.6	8.6	11.9	12.2	6.0	5.6	8.9	4.3	4.4
17	4.3	7.0	5.1	5.2	6.9	6.6	9.4	5.5	5.6	6.8	9.0	4.3
18	3.9	12.2	11.7	5.8	5.1	6.5	7.4	5.3	4.3	4.6	8.2	4.9
19	7.8	10.8	14.8	6.9	5.2	6.1	10.8	6.0	5.6	4.9	4.5	4.0
20	4.1	10.8	13.2	6.3	7.1	5.8	5.7	5.6	4.9	4.2	3.1	4.3
21	3.0	4.3	17.5	14.3	6.1	4.9	6.9	6.1	5.2	3.8	4.1	9.3
22	6.1	8.7	9.6	5.6	7.5	5.0	6.3	6.6	4.7	3.9	6.7	6.1
23	4.8	6.3	11.6	4.9	8.9	6.4	5.6	5.5	3.8	3.6	3.0	4.4
24	4.3	5.5	13.8	5.6	8.9	6.0	5.7	5.6	3.8	4.9	11.5	4.3
25	4.1	18.1	10.8	7.7	13.1	6.6	10.7	8.2	5.6	4.7	11.1	4.3
26	3.6	6.0	8.3	11.5	14.9	6.9	8.6	9.1	4.4	8.4	3.8	3.4
27	4.3	5.6	6.7	6.0	5.6	5.6	5.8	8.1	4.7	4.3	3.4	3.3
28	5.5	7.7	12.7	11.5	7.7	14.5	6.0	10.5	4.3	3.4	3.8	3.0
29	4.6		6.2	10.5	6.2	10.2	6.4	5.2	4.2	3.1	4.0	4.9
30	4.0		5.5	6.3	8.0	5.5	7.5	10.9	4.6	3.9	7.6	16.0
31	7.6		6.7		10.1		6.4	13.4		4.9		9.7
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	7.8	20.5	17.5	17.8	15.5	14.5	12.2	13.4	11.6	13.3	13.6	30.2
MEAN:	4.34	8.70	8.78	8.28	8.02	8.03	7.82	7.11	6.07	5.61	6.08	6.47
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	7.10	ANNUAL MAX:	30.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-011-0004 POC: 1
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE: 12
 UTM NORTHING: 4528150.36
 UTM EASTING: 425503.56
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	349	344	313	352	350	192	345	344	318	357	346	205
2	357	319	354	354	356	344	337	352	350	222	328	348
3	360	352	336	346	344	358	347	357	352	341	340	350
4	356	353	333	347	341	356	314	346	346	353	330	345
5	334	355	358	338	333	359	359	352	353	340	343	334
6	313	307	342	311	352	350	334	349	358	356	360	354
7	326	355	351	342	333	351	342	359	347	296	338	342
8	354	328	349	357	358	359	354	345	357	335	317	329
9	341	358	348	356	343	359	356	335	262	328	357	323
10	358	320	350	322	359	358	346	330	334	332	350	325
11	345	345	351	335	356	325	354	350	348	335	355	338
12	350	349	332	353	333	349	353	351	341	358	336	342
13	356	337	356	360	349	359	298	346	320	348	356	358
14	349	230	357	336	343	346	185	340	314	339	339	345
15	345	359	346	331	329	344	334	339	346	327	294	356
16	356	312	342	347	351	337	214	359	341	353	346	329
17	292	224	343	359	356	352	357	342	351	350	346	349
18	353	330	343	339	358	352	334	337	349	335	350	345
19	351	293	357	356	333	357	352	347	349	351	335	335
20	356	332	349	341	345	334	335	345	358	327	354	359
21	336	350	266	359	359	350	332	360	359	322	360	338
22	349	355	318	350	339	358	351	351	339	344	343	341
23	323	349	349	346	338	338	327	321	354	331	356	334
24	354	352	329	330	329	353	349	343	348	356	345	346
25	351	329	327	349	325	329	358	351	344	354	357	332
26	359	346	360	352	352	349	357	330	325	327	344	319
27	330	355	351	356	356	339	358	352	347	336	334	315
28	355	356	350	355	358	187	325	355	345	350	345	355
29	359		353	342	343	216	326	358	351	323	336	347
30	344		184	339	336	322	338	357	358	355	321	359
31	360		327		357		338	218		339		358
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	359.	360.	360.	359.	359.	359.	360.	359.	358.	360.	359.
MEAN:	345.8	331.9	336.3	345.3	345.6	332.9	332.5	342.6	342.1	336.1	342.0	337.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		339.3		ANNUAL MAX:		360.			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88313) Black Carbon PM2.5 LC

SITE ID: 49-011-0004 POC: 1
 COUNTY: (011) Davis
 CITY: (07690) Bountiful
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH
 SITE COMMENTS: NEW SITE TO REPLACE 490110001
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1333-86-4
 LATITUDE: 40.902967
 LONGITUDE: -111.884467
 UTM ZONE: 12
 UTM NORTHING: 4528150.36
 UTM EASTING: 425503.56
 ELEVATION-MSL: 1309
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (861) Magee Scientific AE2100 Aethalomet

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Micrograms/cubic meter (LC)

MIN DETECTABLE: .2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	1.70	.10	1.37	2.20	.53	.70	.88	1.04	1.66	1.18	.71	.27
2	1.31	.93	1.83	.84	1.42	.52	1.34	3.49	2.13	.48	1.66	
3	1.77	1.68	.89	.32	.86	.58	.59	.85	.80	3.28	2.25	
4	2.20	2.16	.74	1.93	.89	.78	.76	1.00	.64	1.38	1.05	
5	3.49	2.92	1.42	1.07	1.30	.72	1.20	1.61	.96	.33	.71	
6	5.12	.57	.79	.90	2.53	1.92	1.52	.97	1.82	.41	.83	2.87
7	2.74	1.40	.75	1.55	1.16	1.84	2.74	.75	1.43	1.10	1.57	3.16
8	2.42	1.14	1.49	1.29	1.02	.86	1.45	1.03	.52	.70	1.12	2.92
9	1.92	1.40	1.82	.70	.75	.96	1.99	3.96	.69	1.23	2.36	3.54
10	2.24	1.95	1.55	.26	.87	.75	.66		2.44	2.54	2.47	2.84
11	3.73	2.20	1.04	1.87	.94	1.13	1.52	.87	.80	1.42	4.53	2.93
12	2.77	1.00	.72	1.29	2.23	.76	4.12	2.14	1.83	2.56	1.21	3.15
13	3.27	.97	.81	1.89	3.32	2.00	.67	1.86	3.80	3.40	.64	2.25
14	2.75	2.28	1.96	.51	.49	1.01	.30	.63	1.57	4.24	3.69	1.08
15	2.41	2.03	2.81	1.25	.56	1.34	2.22	1.30	1.77	.88	1.03	1.36
16	3.71	.32	.46	1.12	1.17	.75	1.03	3.82	1.74	.99	2.36	1.25
17	1.65	1.91	.55	.57	.84	.80	.69	2.00	1.11	.51	2.30	2.31
18	1.53	.72	1.20	1.05	.96	1.20	1.41	3.17	.84	.89	.97	.97
19	1.44	1.19	.48	.72	1.04	.64	1.04	1.80	3.32	2.36	1.21	.84
20	1.34	1.18	.45	3.85	1.56	.73	1.66	1.37	3.58	2.69	1.73	2.48
21	2.29	.51	.76	2.26	1.14	3.36	1.87	.48	1.75	1.02	2.01	1.92
22	.87	.74	.54	.58	.64	2.80	.92	2.88	3.55	1.39	2.04	1.08
23	.94	1.09	1.96	.84	.64	1.81	.72	3.53	2.18	.62	2.06	1.91
24	4.13	3.48	.36	.50	3.64	1.31	.62	3.82	1.36	2.59	1.21	2.90
25	3.20	1.03	.63	.44	1.26	1.02	1.81	2.23	1.03	.57	1.60	1.70
26	2.48	.55	.80	.44	.58	.77	3.01	2.70	1.67	1.78	1.87	2.79
27	4.22	.66	.57	.68	2.51	.95	6.26	1.03	2.09	2.58	1.83	3.72
28	1.42	1.52	.51	1.99	.52	1.58	1.03	.60	2.09	1.93	3.95	3.66
29	1.08		2.13	.39	.21	2.34	1.09	1.80	4.59	2.10	4.62	2.68
30	1.36		.41	.43	.28	1.60	3.68	1.54	2.20	1.05	4.23	.57
31	.76		.48		2.44		.91	.89		2.35		.95
NO.:	31	28	31	30	31	30	31	30	30	31	30	27
MAX:	5.12	3.48	2.81	3.85	3.64	3.36	6.26	3.96	4.59	4.24	4.62	3.72
MEAN:	2.331	1.344	1.041	1.124	1.235	1.251	1.604	1.839	1.865	1.631	1.994	2.152
ANNUAL OBSERVATIONS:	360		ANNUAL MEAN:	1.614	ANNUAL MAX:	6.26						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-011-6001 POC: 1
 COUNTY: (011) Davis
 CITY: (00000) Not in a city
 SITE ADDRESS: (NO STREET ADDRESS; ON ISLAND)
 SITE COMMENTS: MET ONLY SITE LOCATED ON ANTELOPE ISLAND NEXT TO RANGER STATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.041667
 LONGITUDE: -112.2325
 UTM ZONE: 12
 UTM NORTHING: 4543920
 UTM EASTING: 396410
 ELEVATION-MSL: 1349
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.9	25.1	7.6	10.9	12.8	26.9	14.2	12.6	16.4	17.5	22.0	28.7
2	6.7	7.1	9.3	22.5	13.0	26.4	10.8	16.5	14.8	13.5	15.5	13.1
3	7.4	7.4	9.9	17.5	19.6	10.2	19.1	12.4	8.2	22.8	20.1	19.8
4	6.3	4.9	11.3	18.3	11.5	8.0	19.3	22.4	7.8	20.8	22.8	14.8
5	4.3	11.1	11.4	25.7	11.5	13.0	15.0	12.1	9.6	29.1	10.2	14.1
6	3.9	8.7	8.4	18.1	11.0	23.3	11.1	18.6	12.9	14.6	13.4	7.6
7	4.5	22.1	16.9	16.9	8.0	12.8	17.5	13.1	9.6	12.2	17.3	6.8
8	4.6	15.2	10.5	16.8	18.1	22.5	12.1	9.7	10.2	10.6	11.5	5.8
9	7.3	10.6	14.6	16.3	21.2	12.0	17.1	11.0	10.0	9.6	6.9	3.8
10	9.1	7.0	27.5	15.0	10.7	14.2	25.0	12.1	16.6	12.0	5.6	5.5
11	9.0	9.7	13.1	15.4	10.6	15.6	21.3	18.4	20.6	13.3	6.0	5.3
12	5.0	8.1	12.3	14.2	10.0	15.5	19.3	16.8	14.8	9.0	18.9	6.7
13	10.1	6.7	9.0	30.0	11.8	11.0	20.9	19.3	8.9	8.9	9.7	5.1
14	6.5	7.7	9.5	15.9	23.4	7.6	18.3	22.8	14.5	11.4	10.4	7.0
15	7.9	9.5	18.4	12.5	29.3	21.9	11.5	28.9	13.7	6.1	11.0	5.8
16	8.7	29.2	22.8	12.3	17.2	20.5	13.2	15.7	15.4	26.2	8.6	6.7
17	10.4	17.5	12.2	11.5	14.7	8.8	22.2	9.9	10.0	12.2	12.2	4.6
18	8.9	20.1	24.3	12.2	15.8	16.0	20.2	13.1	8.1	8.1	20.1	4.1
19	16.8	21.8	26.1	16.9	15.0	13.7	20.7	12.0	10.9	6.9	11.6	5.7
20	8.2	17.6	19.5	14.1	11.9	8.2	18.4	19.4	6.8	6.9	9.4	5.7
21	6.5	7.5	24.7	25.6	8.2	10.0	8.5	15.6	6.9	7.5	9.8	11.7
22	14.7	15.5	17.9	13.3	11.8	9.6	21.8	10.2	9.5	6.3	9.3	18.6
23	10.2	8.2	15.6	10.2	15.7	8.5	19.5	8.2	11.2	6.3	6.6	6.6
24	5.5	12.8	17.9	11.2	13.7	18.2	8.9	12.9	9.6	18.5	8.9	4.7
25	8.3	28.7	14.3	18.8	19.4	19.6	28.4	17.4	13.6	17.3	21.2	3.9
26	5.8	8.4	19.3	18.6	27.1	17.5	18.3	18.9	14.7	21.3	11.2	4.3
27	5.4	11.4	13.0	14.8	11.6	12.2	16.0	12.9	8.8	6.9	5.1	6.1
28	4.4	10.9	20.6	24.7	15.4	22.1	6.3	27.7	7.6	9.6	7.0	5.3
29	4.5		11.1	18.4	13.2	20.8	7.2	18.7	7.8	7.3	5.6	10.2
30	6.3		12.5	10.6	19.0	16.7	11.5	22.0	10.9	6.0	22.3	23.6
31	12.4		14.2		16.6		13.0	21.6		13.6		20.1
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	16.8	29.2	27.5	30.0	29.3	26.9	28.4	28.9	20.6	29.1	22.8	28.7
MEAN:	7.63	13.23	15.35	16.64	15.12	15.44	16.34	16.22	11.35	12.65	12.34	9.41
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		13.47	ANNUAL MAX:		30.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-011-6001 POC: 1
 COUNTY: (011) Davis
 CITY: (00000) Not in a city
 SITE ADDRESS: (NO STREET ADDRESS; ON ISLAND)
 SITE COMMENTS: MET ONLY SITE LOCATED ON ANTELOPE ISLAND NEXT TO RANGER STATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.041667
 LONGITUDE: -112.2325
 UTM ZONE: 12
 UTM NORTHING: 4543920
 UTM EASTING: 396410
 ELEVATION-MSL: 1349
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	225	360	358	294	333	197	60	309	358	353	360	86
2	355	351	357	355	232	345	354	359	359	259	359	356
3	346	318	327	353	358	350	280	197	355	328	358	358
4	204	302	330	206	359	357	349	193	354	288	358	358
5	355	354	359	359	223	351	343	358	340	300	358	349
6	342	333	349	258	328	292	336	203	317	353	358	313
7	351	358	357	357	360	356	333	337	333	257	358	342
8	358	360	355	292	359	354	237	282	353	359	360	352
9	354	272	222	354	358	343	358	355	334	357	223	339
10	214	284	315	287	354	359	197	354	318	296	304	355
11	171	360	357	355	359	347	243	359	224	274	354	334
12	342	219	350	341	353	356	264	359	354	284	343	337
13	334	331	358	316	352	342	354	352	333	289	300	310
14	305	339	345	357	331	358	226	329	359	360	321	360
15	318	277	280	312	341	357	292	357	241	358	332	347
16	306	318	334	290	353	360	351	350	358	350	346	192
17	322	330	359	340	156	356	357	251	268	360	237	348
18	220	359	313	359	278	357	173	252	136	350	245	348
19	360	268	294	359	355	359	357	211	330	349	334	351
20	357	358	208	221	346	321	358	189	337	333	54	334
21	353	339	241	334	264	272	360	269	342	291	359	353
22	357	338	310	357	335	357	359	344	290	319	162	360
23	258	355	272	347	243	350	359	357	202	236	346	335
24	356	349	217	358	342	358	327	244	173	359	334	345
25	305	353	326	359	350	360	266	228	219	360	350	285
26	352	360	227	359	360	359	360	225	358	360	355	355
27	331	299	334	236	358	162	350	347	226	355	347	326
28	347	317	327	344	358	356	324	347	344	340	351	356
29	349		342	359	359	350	229	243	153	205	331	318
30	352		243	359	358	360	359	343	195	348	351	354
31	360		295		245		343	355		359		330
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	360.	359.	359.	360.	360.	360.	359.	359.	360.	360.	360.
MEAN:	318.0	327.2	311.6	325.9	324.5	336.7	305.1	298.6	295.4	322.2	318.3	328.6
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		317.6	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-011-6001 POC: 1
 COUNTY: (011) Davis
 CITY: (00000) Not in a city
 SITE ADDRESS: (NO STREET ADDRESS; ON ISLAND)
 SITE COMMENTS: MET ONLY SITE LOCATED ON ANTELOPE ISLAND NEXT TO RANGER STATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.041667
 LONGITUDE: -112.2325
 UTM ZONE: 12
 UTM NORTHING: 4543920
 UTM EASTING: 396410
 ELEVATION-MSL: 1349
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	54.5	12.9	39.1	42.5	24.3	13.6	11.2	39.2	25.8	40.5	15.8	46.0
2	45.0	20.8	41.6	33.8	50.9	23.3	50.9	49.8	36.0	70.0	33.0	23.5
3	30.6	44.9	42.3	47.4	42.5	37.6	48.0	54.3	21.1	46.7	57.5	21.3
4	38.1	53.5	60.2	30.6	34.0	58.1	48.8	62.8	48.0	36.6	19.2	60.3
5	56.2	56.7	54.5	54.3	39.7	56.9	39.6	51.9	51.0	31.9	22.8	52.5
6	55.9	43.2	73.5	34.8	33.3	25.0	40.5	39.3	31.5	64.2	43.8	52.0
7	51.8	55.7	28.0	49.0	28.4	37.4	38.1	50.6	23.7	13.9	10.5	54.4
8	46.9	27.3	17.3	32.6	34.4	56.2	47.5	50.4	47.9	38.5	29.1	45.7
9	38.4	45.3	30.0	40.3	21.5	69.1	41.0	37.0	43.5	61.1	50.8	42.6
10	41.8	56.9	48.5	46.3	51.9	28.0	30.4	51.6	46.7	39.3	55.2	32.4
11	51.4	55.0	42.7	26.5	35.1	56.7	44.7	51.4	48.8	52.4	50.4	50.1
12	50.8	47.7	20.8	60.2	47.3	23.9	29.8	16.8	25.8	64.5	38.6	39.3
13	59.5	59.1	49.0	44.3	47.1	27.5	51.1	40.3	49.4	47.1	63.4	28.4
14	44.0	55.6	30.9	31.9	40.8	49.0	17.0	44.9	40.3	52.5	51.0	39.2
15	57.5	53.3	53.0	45.2	16.0	52.8	49.7	42.0	31.8	32.7	53.7	53.4
16	62.6	49.3	23.6	45.6	27.8	39.0	50.0	31.5	53.6	48.2	51.1	38.3
17	65.5	35.1	44.2	31.5	62.1	21.8	57.3	43.1	57.6	31.1	57.8	56.1
18	49.5	52.4	27.8	28.9	43.5	55.3	21.3	72.2	54.9	45.4	30.5	55.1
19	51.5	39.2	19.1	49.5	28.6	37.3	26.1	71.8	55.3	49.3	36.0	50.4
20	34.1	49.0	16.5	24.2	35.0	48.0	17.0	66.7	30.6	52.6	13.0	62.1
21	59.3	39.4	21.0	48.6	39.6	53.2	34.8	63.4	50.1	46.2	69.3	40.2
22	54.5	47.5	26.6	34.3	31.8	54.9	55.2	69.3	55.4	68.4	48.9	11.2
23	47.7	17.5	45.8	40.4	53.7	42.5	19.9	43.2	50.7	45.4	53.3	42.5
24	51.0	63.7	41.3	40.3	64.1	48.7	40.8	38.9	66.7	46.7	58.2	38.3
25	42.6	47.4	29.4	28.1	56.6	25.7	46.6	55.5	51.4	23.9	30.4	54.7
26	49.6	44.6	42.3	52.1	43.9	27.1	49.3	37.4	24.7	20.0	21.3	46.9
27	47.1	29.2	57.2	58.3	74.5	19.3	43.3	40.0	53.0	43.8	43.6	54.7
28	62.2	44.9	28.0	53.4	59.2	49.4	51.9	43.3	46.4	27.8	56.3	59.0
29	52.7		28.1	54.2	44.1	25.0	42.9	42.3	58.1	53.4	55.9	64.4
30	43.2		52.1	45.3	71.3	29.1	43.5	66.7	50.8	57.0	48.9	51.4
31	53.4		46.7		39.2		43.3	13.2		56.6		42.1
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	65.5	63.7	73.5	60.2	74.5	69.1	57.3	72.2	66.7	70.0	69.3	64.4
MEAN:	49.96	44.54	38.10	41.81	42.65	39.71	39.73	47.77	44.35	45.41	42.31	45.44
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		43.49	ANNUAL MAX:		74.5				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-011-6001 POC: 1
 COUNTY: (011) Davis
 CITY: (00000) Not in a city
 SITE ADDRESS: (NO STREET ADDRESS; ON ISLAND)
 SITE COMMENTS: MET ONLY SITE LOCATED ON ANTELOPE ISLAND NEXT TO RANGER STATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.041667
 LONGITUDE: -112.2325
 UTM ZONE: 12
 UTM NORTHING: 4543920
 UTM EASTING: 396410
 ELEVATION-MSL: 1349
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	26	26	48	66	52	76	82	82	80	82	49	38
2	26	20	47	66	59	66	88	83	80	82	43	35
3	24	27	46	40	58	60	98	83	81	82	51	33
4	27	33	48	48	52	72	88	87	83	68	58	28
5	29	44	52	58	68	85	85	87	77	63	37	25
6	25	40	48	56	69	79	87	89	78	49	42	30
7	25	49	41	50	69	70	82	87	79	46	42	32
8	24	34	40	37	57	71	83	90	80	54	40	33
9	29	33	53	37	43	65	87	88	84	59	41	40
10	26	37	64	47	51	70	87	87	80	62	46	38
11	22	42	50	56	61	72	89	89	79	67	42	36
12	27	49	49	53	70	69	87	86	78	62	48	39
13	30	55	54	61	74	72	89	91	80	67	49	32
14	33	55	53	47	70	75	86	91	79	71	55	31
15	37	58	58	55	76	82	87	85	78	76	47	29
16	44	54	60	64	51	65	89	85	69	65	43	29
17	52	40	46	57	50	68	94	90	71	57	50	29
18	45	50	55	50	47	78	93	90	75	59	49	27
19	43	46	55	50	58	61	93	86	82	62	37	29
20	35	37	49	55	60	71	84	93	77	64	34	30
21	38	41	52	54	68	80	89	92	76	66	42	35
22	40	42	46	46	64	87	89	95	81	64	50	33
23	39	38	53	50	62	89	87	92	81	65	50	36
24	40	39	48	55	61	84	93	96	83	68	55	37
25	36	47	43	53	68	82	87	99	83	53	48	38
26	36	32	47	43	72	80	89	98	77	46	40	40
27	38	35	46	54	62	83	87	95	81	49	43	35
28	32	43	41	64	58	94	88	88	82	51	40	38
29	30		44	42	47	89	92	88	82	56	42	51
30	33		53	48	55	82	85	92	81	59	40	54
31	36		63		73		85	92		59		40
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	52.	58.	64.	66.	76.	94.	98.	99.	84.	82.	58.	54.
MEAN:	33.1	40.9	50.1	52.1	60.8	75.9	88.0	89.5	79.2	62.4	45.1	34.8
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	59.4	ANNUAL MAX:	99.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-011-6001 POC: 1
 COUNTY: (011) Davis
 CITY: (00000) Not in a city
 SITE ADDRESS: (NO STREET ADDRESS; ON ISLAND)
 SITE COMMENTS: MET ONLY SITE LOCATED ON ANTELOPE ISLAND NEXT TO RANGER STATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.041667
 LONGITUDE: -112.2325
 UTM ZONE: 12
 UTM NORTHING: 4543920
 UTM EASTING: 396410
 ELEVATION-MSL: 1349
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	76	72	96	66	75	31	79	100	59	45	100	68
2	90	66	100	100	89	78	82	100	52	58	77	100
3	100	71	100	100	84	79	61	95	65	58	67	90
4	100	76	96	73	60	81	65	73	66	99	100	94
5	100	81	87	100	73	65	75	81	66	100	100	68
6	100	96	100	94	81	69	81	77	78	100	79	75
7	100	100	100	100	88	83	100	65	77	100	96	90
8	100	93	100	100	100	100	100	81	68	100	87	88
9	100	82	99	100	100	100	92	64	68	86	85	100
10	99	97	76	92	100	77	87	64	54	99	95	100
11	80	71	83	91	100	96	72	69	58	83	100	100
12	91	81	97	96	78	86	86	59	68	82	100	100
13	100	65	100	100	67	100	45	67	84	75	100	100
14	100	62	100	100	71	100	41	78	87	94	72	100
15	100	51	100	65	65	69	46	89	72	82	63	100
16	100	100	100	84	72	61	48	58	93	100	75	100
17	100	93	61	100	100	73	47	88	100	100	67	100
18	79	58	75	100	100	76	58	56	99	97	100	100
19	100	100	95	100	100	100	51	69	60	83	100	100
20	96	100	100	95	100	96	72	81	75	100	100	100
21	92	100	75	98	78	60	82	53	87	93	100	100
22	89	100	80	72	98	69	56	43	96	96	100	100
23	85	91	79	71	100	87	64	67	63	84	75	91
24	97	98	96	88	100	76	76	75	71	70	65	100
25	100	100	100	100	84	70	62	45	59	67	70	100
26	100	100	97	100	81	63	63	54	66	61	70	100
27	100	94	100	80	85	77	72	71	83	79	92	100
28	100	87	100	73	100	52	61	95	66	83	93	97
29	100		71	84	100	64	84	96	74	73	97	84
30	100		84	73	100	65	69	58	66	81	100	70
31	100		79		69		100	48		91		78
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
MEAN:	95.9	85.2	91.2	89.8	87.0	76.8	70.2	71.6	72.7	84.5	87.5	93.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	83.8	ANNUAL MAX:	100.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-011-6002 POC: 1
 COUNTY: (011) Davis
 CITY: (74810) Syracuse
 SITE ADDRESS: 4528 W 1700 S, SYRACUSE, UTAH
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.088611
 LONGITUDE: -112.116389
 UTM ZONE: 12
 UTM NORTHING: 4549000
 UTM EASTING: 406230
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.6	22.8	8.1	8.6	13.0		8.1	15.9	11.5	13.9	14.8	28.1
2	5.2	7.4	12.2	20.1	8.5		7.9	12.9	9.0	10.9	7.6	8.7
3	7.9	8.3	8.6	16.2	20.8		10.0	10.2	7.3	17.1	13.1	16.3
4	6.3	5.8	7.7	11.3	11.5		13.7	13.7	7.3	13.2	20.8	13.8
5	5.3	14.1	9.0	24.8	6.1		15.1	10.6	8.7	21.0	10.1	10.6
6	6.2	10.9	9.4	19.5	8.7		8.2	10.9	10.9	15.0	9.5	7.6
7	5.7	22.8	16.0	16.8	7.9		17.9	8.6	11.4	15.2	12.3	5.5
8	5.6	10.8	9.2	12.2	17.0		11.0	7.6	12.9	11.8	8.1	7.6
9	5.1	7.3	9.9	9.6	17.1		22.9	7.6	9.5	6.1	5.8	7.6
10	8.9	5.8	18.2	14.5		12.2	23.3	8.3	17.5	14.8	6.3	8.9
11	7.1	7.0	13.5	13.2		12.7	16.5	10.4	15.9	9.9	5.6	8.5
12	5.6	8.1	10.2	12.4		16.2	12.2	8.5	9.1	5.9	20.1	7.7
13	6.6	7.1	7.5	28.7		9.1	14.8	14.8	6.5	6.4	8.2	5.6
14	7.2	10.9	9.5	10.9		6.0	18.9	21.0	9.6	7.5	8.9	6.8
15	4.7	11.4	9.6	7.9		16.2	9.5	16.2	9.6	7.1	7.9	6.9
16	8.6	28.4	19.0	7.6		18.5	12.5	9.0	11.3	23.7	7.1	5.6
17	8.4	9.0	6.3	8.2		7.7	10.9	7.9	6.6	10.7	10.2	7.5
18	8.1	9.9	12.7	11.9		15.4	14.0	8.2	6.4	7.7	21.4	5.4
19	17.5	16.2	25.8	13.6		13.6	18.7	10.1	7.2	6.4	15.9	6.0
20	5.9	17.5	15.6	12.0		8.4	11.9	10.6	6.7	5.3	10.3	4.9
21	5.4	7.2	24.7	31.2		6.5	6.9	10.3	5.3	5.8	7.6	12.9
22	16.8	14.0	17.2	10.0		6.9	15.9	9.8	7.4	6.1	6.3	17.0
23	7.5	9.6	12.9	8.6		8.1	12.7	8.9	5.2	6.5	10.3	7.9
24	6.5	13.3	12.5	14.3		13.9	6.7	8.6	7.2	14.4	8.5	8.2
25	6.0	23.9	14.1	16.1		13.5	16.9	15.2	8.9	14.1	20.6	5.6
26	4.6	8.6	13.3	18.2		11.3	14.8	15.4	9.6	17.8	8.1	7.2
27	7.9	11.5	14.4	8.7		8.5	9.2	13.0	6.6	7.3	6.0	6.6
28	9.1	10.9	21.9	19.3		19.5	8.9	17.2	7.1	6.1	5.7	5.0
29	6.8		8.8	18.6		19.2	6.8	11.1	6.3	6.8	7.3	7.6
30	7.2		11.6	13.2		12.4	9.5	16.3	9.1	5.7	17.2	19.0
31	14.6		11.8				16.6	18.3		12.9		19.7
NO.:	31	28	31	30	9	21	31	31	30	31	30	31
MAX:	17.5	28.4	25.8	31.2	20.8	19.5	23.3	21.0	17.5	23.7	21.4	28.1
MEAN:	7.67	12.16	12.94	14.61	12.29	12.18	13.00	11.84	8.92	10.75	10.72	9.56
ANNUAL OBSERVATIONS:	334		ANNUAL MEAN:	11.30	ANNUAL MAX:	31.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-011-6002 POC: 1
 COUNTY: (011) Davis
 CITY: (74810) Syracuse
 SITE ADDRESS: 4528 W 1700 S, SYRACUSE, UTAH
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.088611
 LONGITUDE: -112.116389
 UTM ZONE: 12
 UTM NORTHING: 4549000
 UTM EASTING: 406230
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	215	356			352				359	279	356	354
2	349	71			295				338	221	359	353
3	351	347			333				357	224	356	359
4	359	305			347				359	349	353	349
5	355	358			306				348	332	359	355
6	301	347			344				345	356	349	344
7	347	359			360				346	248	360	344
8	351	73			357				306	348	355	330
9	338	288			359				309	337	313	358
10	263	312							280	267	349	355
11	350	289							170	347	353	356
12	341	248							360	256	354	359
13	355	303							339	344	355	336
14	360	312							312	255	359	345
15	359	214							308	355	359	355
16	344	353							355	359	356	349
17	355	212						334	359	357	351	357
18	208	321						358	359	360	360	345
19	330	297						358	244	343	360	355
20	354	330						338	348	279	360	359
21	351	353						335	359	345	337	357
22	359	356						343	259	342	211	358
23	215	354						322	338	347	310	343
24	343	332						359	296	353	355	328
25	354	356						170	290	357	360	359
26	348	356						324	358	360	358	342
27	358	327						352	317	320	354	355
28	347	328						350	349	347	348	342
29	356							355	346	247	352	344
30	358							213	326	341	354	353
31	357							352		352		324
NO.:	31	28	0	0	9	0	0	15	30	31	30	31
MAX:	360.	359.			360.			359.	360.	360.	360.	359.
MEAN:	333.3	302.0			339.2			324.2	324.6	320.2	347.2	349.1
ANNUAL OBSERVATIONS:	205		ANNUAL MEAN:		329.8	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-011-6002 POC: 1
 COUNTY: (011) Davis
 CITY: (74810) Syracuse
 SITE ADDRESS: 4528 W 1700 S, SYRACUSE, UTAH
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.088611
 LONGITUDE: -112.116389
 UTM ZONE: 12
 UTM NORTHING: 4549000
 UTM EASTING: 406230
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	48.6	31.5			71.5				51.2	30.3	20.2	35.5
2	37.3	50.1			63.9				40.9	21.8	42.9	38.2
3	25.3	63.8			95.6				45.5	29.6	37.4	32.0
4	37.9	55.0			60.9				51.4	48.8	29.0	37.0
5	50.3	51.7			57.0				45.8	26.1	51.7	34.9
6	58.3	50.7			54.2				22.6	45.9	41.9	20.7
7	44.3	53.5			68.3				46.5	27.2	21.5	58.1
8	54.8	47.2			81.7				46.7	48.8	51.2	36.0
9	51.1	46.9			74.8				63.9	59.4	38.8	37.5
10	35.5	52.1							58.4	24.8	43.3	23.5
11	37.4	24.4							30.9	41.8	60.7	59.5
12	42.2	51.1							48.0	41.3	37.3	40.4
13	38.3	45.2							36.8	38.4	57.1	31.4
14	49.9	49.9							47.3	31.1	40.4	37.8
15	51.6	25.7							49.6	40.6	46.3	50.3
16	55.6	34.1							43.8	43.1	60.1	56.1
17	47.3	24.5						44.9	49.4	50.1	42.2	54.8
18	23.5	49.9						41.2	44.5	63.5	23.7	51.2
19	42.7	45.6						52.6	33.8	35.8	42.3	36.8
20	57.7	34.3						60.3	54.7	27.8	18.2	30.9
21	47.6	46.7						34.4	42.6	35.9	45.5	32.7
22	47.4	41.6						41.1	49.6	29.0	40.2	14.3
23	36.6	53.5						61.6	54.7	30.4	43.9	38.4
24	51.2	80.0						32.2	53.7	34.7	50.9	41.4
25	39.4	62.3						35.5	29.9	22.4	48.3	51.9
26	51.3	89.2						59.6	68.3	13.6	43.6	50.0
27	45.6	85.9						37.9	65.1	44.0	43.1	68.8
28	49.7	58.3						43.3	55.6	46.3	49.6	73.3
29	57.6							67.9	52.7	62.9	43.2	50.7
30	42.6							66.1	54.2	44.3	26.4	39.9
31	48.4							22.2		45.9		65.1
NO.:	31	28	0	0	9	0	0	15	30	31	30	31
MAX:	58.3	89.2			95.6			67.9	68.3	63.5	60.7	73.3
MEAN:	45.39	50.17			69.77			46.72	47.94	38.25	41.36	42.87
ANNUAL OBSERVATIONS:	205		ANNUAL MEAN:		45.53	ANNUAL MAX:		95.6				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-011-6002 POC: 1
 COUNTY: (011) Davis
 CITY: (74810) Syracuse
 SITE ADDRESS: 4528 W 1700 S, SYRACUSE, UTAH
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.088611
 LONGITUDE: -112.116389
 UTM ZONE: 12
 UTM NORTHING: 4549000
 UTM EASTING: 406230
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	20	26	51	68	51		81	81	79	83	48	39
2	28	22	49	68	60		91	86	79	81	44	35
3	25	28	47	40	59		99	83	78	81	50	34
4	27	32	47	48	54		84	88	84	69	59	29
5	29	45	53	62	70		86	86	80	61	37	26
6	26	39	48	55	71		85	91	76	47	42	28
7	25	47	43	51	70		85	88	77	46	44	33
8	26	35	41	39	55		82	90	78	54	40	34
9	24	35	53	35	44		87	88	84	58	42	35
10	25	38	64	47		73	88	88	81	63	45	36
11	25	44	52	57		74	88	88	78	67	44	36
12	27	52	49	53		71	86	85	78	63	47	41
13	31	54	56	63		71	88	91	78	69	50	32
14	37	54	51	47		76	87	90	78	76	56	33
15	39	58	60	56		83	88	83	78	77	47	29
16	39	55	60	63		67	89	84	69	67	44	30
17	50	40	47	58		69	95	91	70	57	49	29
18	45	50	55	51		79	91	89	75	59	50	26
19	43	43	50	49		60	89	88	81	62	39	27
20	36	37	49	56		71	87	93	77	65	35	29
21	38	40	51	56		80	89	93	76	67	44	34
22	42	43	46	46		88	89	94	81	66	52	33
23	39	39	54	50		89	85	91	83	68	57	30
24	41	41	48	54		85	93	95	82	69	56	31
25	36	44	42	53		82	84	97	83	50	49	35
26	38	30	48	45		78	89	97	77	47	38	33
27	37	33	49	53		88	87	95	84	48	43	35
28	33	43	41	64		91	88	89	82	56	40	38
29	31		45	43		88	92	88	82	58	45	50
30	35		51	48		80	85	92	86	61	40	52
31	36		65				84	91		60		38
NO.:	31	28	31	30	9	21	31	31	30	31	30	31
MAX:	50.	58.	65.	68.	71.	91.	99.	97.	86.	83.	59.	52.
MEAN:	33.3	41.0	50.5	52.6	59.3	78.2	87.8	89.5	79.1	63.1	45.9	33.9
ANNUAL OBSERVATIONS:	334		ANNUAL MEAN:	59.1	ANNUAL MAX:	99.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-011-6002 POC: 1
 COUNTY: (011) Davis
 CITY: (74810) Syracuse
 SITE ADDRESS: 4528 W 1700 S, SYRACUSE, UTAH
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.088611
 LONGITUDE: -112.116389
 UTM ZONE: 12
 UTM NORTHING: 4549000
 UTM EASTING: 406230
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	99	74	96	73	76		74	100	75	58	100	66
2	93	65	100	100	68		83	100	66	70	91	100
3	100	81	100	100	86		55	96	64	72	87	97
4	100	88	100	95	69		65	86	63	99	100	100
5	100	91	79	100	71		78	91	74	100	100	72
6	100	92	100	100	72		100	63	71	100	99	85
7	100	100	100	100	82		96	63	63	100	100	80
8	100	98	100	100	100		100	62	72	100	99	97
9	100	83	98	100	100		89	56	57	92	88	100
10	100	95	79	100		68	83	68	70	99	93	100
11	95	87	81	87		94	93	66	71	97	100	100
12	99	83	99	95		86	83	58	83	82	100	100
13	100	68	100	100		90	77	56	75	76	100	100
14	100	73	94	100		96	76	85	69	75	92	100
15	100	54	100	74		64	54	95	79	73	70	100
16	100	100	99	99		72	59	65	97	100	83	100
17	100	100	75	100		67	61	59	100	100	64	100
18	97	75	65	100		75	66	63	96	95	100	100
19	100	100	96	99		100	72	72	67	76	99	100
20	96	100	100	100		100	70	72	74	82	100	100
21	86	100	77	100		72	77	61	73	74	100	100
22	100	97	100	79		65	66	61	69	83	100	99
23	99	94	80	72		77	63	63	56	81	89	87
24	100	100	97	88		79	68	57	56	75	72	98
25	100	100	100	100		76	73	53	66	81	83	99
26	100	100	100	100		65	77	59	78	70	74	100
27	100	96	100	99		76	77	66	66	80	77	100
28	100	86	100	73		61	77	98	64	68	93	96
29	100		91	89		61	65	99	62	65	100	84
30	100		87	100		68	72	70	70	87	100	75
31	100		91				100	66		84		75
NO.:	31	28	31	30	9	21	31	31	30	31	30	31
MAX:	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
MEAN:	98.8	88.6	93.0	94.1	80.4	76.8	75.8	71.9	71.5	83.7	91.8	93.9
ANNUAL OBSERVATIONS:	334		ANNUAL MEAN:	85.5	ANNUAL MAX:	100.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-011-6002 POC: 1
 COUNTY: (011) Davis
 CITY: (74810) Syracuse
 SITE ADDRESS: 4528 W 1700 S, SYRACUSE, UTAH
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.088611
 LONGITUDE: -112.116389
 UTM ZONE: 12
 UTM NORTHING: 4549000
 UTM EASTING: 406230
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.64	.83	1.07	1.24	1.46		1.39	1.22	1.13	1.05	.73	.70
2	.63	.83	.42	.39	1.42		1.42	1.36	1.12	.88	.87	.66
3	.63	.82	.86	.97	.84		1.46	1.22	1.14	1.05	.81	.69
4	.43	.49	1.11	.91	1.43		.99	1.33	1.11	.91	.69	.32
5	.56	.71	.67	.85	1.43		1.06	1.39	.78	.39	.64	.70
6	.48	.67	.34	1.31	.93		1.44	1.38	.98	.27	.75	.64
7	.42	.71	.58	.23	1.20		1.15	1.37	1.12	.17	.71	.65
8	.40	.87	1.10	.41	.40		1.37	1.37	1.12	.95	.70	.66
9	.47	.60	.81	.38	.54		1.40	1.38	1.11	1.01	.80	.62
10	.58	.90	1.06	1.33		1.48	1.39	1.36	1.03	.91	.80	.65
11	.51	.88	1.13	1.30		1.27	1.40	1.36	1.01	.76	.64	.61
12	.38	.84	.74	1.03		1.12	1.35	1.36	1.02	1.00	.15	.49
13	.59	.87	1.13	1.16		1.27	1.45	1.28	.99	.98	.65	.29
14	.57	.81	.50	1.17		1.46	1.43	1.33	.99	.98	.79	.39
15	.46	.78	.93	1.28		1.46	1.43	1.31	.98	.88	.79	.41
16	.28	.91	.39	1.31		1.34	1.44	1.32	.87	.55	.76	.47
17	.42	.85	.93	.71		1.49	1.39	1.34	1.00	.97	.50	.59
18	.51	.59	.94	.44		1.45	1.20	1.32	1.01	.96	.21	.25
19	.51	.24	.67	1.32		.98	1.27	1.33	1.03	.95	.86	.28
20	.68	.83	.51	.84		1.45	1.41	1.28	1.07	.94	.34	.37
21	.38	.96	.41	.84		1.46	1.41	1.30	1.10	.92	.30	.65
22	.59	.91	1.21	1.38		1.45	1.42	1.28	1.13	.91	.65	.67
23	.66	1.07	1.20	.85		1.43	1.39	1.27	1.12	.92	.55	.64
24	.71	.53	.77	1.28		1.43	1.40	1.26	1.14	.83	.42	.63
25	.26	.62	.69	1.06		1.43	.64	1.12	1.10	.69	.69	.62
26	.56	.60	.80	1.33		1.44	1.37	1.24	1.07	.92	.70	.61
27	.70	1.07	1.11	1.40		1.44	1.38	1.16	1.08	.90	.68	.48
28	.52	1.01	1.27	1.20		1.38	1.37	1.22	1.07	.89	.39	.27
29	.24		.94	.95		1.03	1.36	1.22	1.07	.80	.66	.24
30	.58		.55	1.18		1.42	1.14	1.13	1.06	.86	.50	.38
31	.63		1.25				1.13	1.13		.88		.65
NO.:	31	28	31	30	9	21	31	31	30	31	30	31
MAX:	.71	1.07	1.27	1.40	1.46	1.49	1.46	1.39	1.14	1.05	.87	.70
MEAN:	.515	.779	.842	1.002	1.072	1.366	1.318	1.288	1.052	.841	.624	.525
ANNUAL OBSERVATIONS:	334		ANNUAL MEAN:	.915		ANNUAL MAX:	1.49					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-013-1001 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 1/4 mile South of US 40 off 4500 West Fruitland, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10102-43-9
 LATITUDE: 40.3099558893
 LONGITUDE: -110.00073219
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1558
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				19.0	.0	9.0	3.0	3.0	7.0	4.0	2.0	6.0
2				2.0	.0	1.0	3.0	13.0	2.0	3.0	4.0	4.0
3				.0	.0	1.0	3.0	3.0	1.0	12.0	11.0	8.0
4				.0	.0	4.0	1.0	13.0	4.0	8.0	10.0	2.0
5				2.0	.0	2.0	1.0	10.0	2.0	1.0	1.0	8.0
6				1.0	.0	4.0	1.0	4.0	3.0	1.0	1.0	1.0
7				1.0	4.0	1.0	2.0	4.0	8.0	1.0	2.0	7.0
8				1.0	1.0	2.0	2.0	7.0	5.0	1.0	1.0	3.0
9				.0	1.0	1.0	2.0	2.0	7.0	4.0	4.0	59.0
10				.0	.0	1.0	1.0	6.0	4.0	8.0	8.0	6.0
11				2.0	3.0	1.0	5.0	5.0	2.0	1.0	9.0	5.0
12				5.0	1.0	1.0	2.0	2.0	7.0	1.0	2.0	7.0
13				3.0	3.0	1.0	6.0	2.0	4.0	2.0	1.0	3.0
14				.0	2.0	1.0	2.0	1.0	3.0	16.0	1.0	1.0
15				.0	1.0	3.0	8.0	1.0	292.0	13.0	1.0	7.0
16				1.0	1.0	17.0	3.0	3.0	14.0	1.0	3.0	62.0
17				.0	.0	1.0	3.0	4.0	1.0	1.0	8.0	10.0
18				1.0	1.0	1.0	2.0	10.0	2.0	3.0	5.0	5.0
19				1.0	2.0	1.0	3.0	1.0	3.0	11.0	1.0	13.0
20				2.0	.0	1.0	3.0	3.0	1.0	3.0	1.0	30.0
21				1.0	1.0	1.0	5.0	3.0	1.0	9.0	11.0	1.0
22				1.0	1.0	2.0	6.0	4.0	5.0	4.0	11.0	1.0
23				2.0	1.0	2.0	1.0	3.0	5.0	2.0	12.0	61.0
24				1.0	.0	1.0	2.0	4.0	4.0	11.0	7.0	6.0
25				.0	.0	2.0	3.0	4.0	1.0	3.0	1.0	2.0
26				1.0	3.0	.0	2.0	8.0	1.0	1.0	3.0	1.0
27				.0	1.0	3.0	1.0	3.0	9.0	6.0	4.0	1.0
28				3.0	1.0	5.0	2.0	1.0	1.0	4.0	6.0	.0
29				.0	.0	3.0	3.0	1.0	6.0	1.0	2.0	.0
30				.0	1.0	2.0	5.0	1.0	6.0	2.0	10.0	64.0
31					2.0		3.0	5.0		5.0		.0
NO.:	0	0	0	30	31	30	31	31	30	31	30	31
MAX:				19.0	4.0	17.0	8.0	13.0	292.0	16.0	12.0	64.0
MEAN:				1.67	1.00	2.50	2.87	4.32	13.70	4.61	4.77	12.39
ANNUAL OBSERVATIONS:	275			ANNUAL MEAN:	5.31	ANNUAL MAX:	292.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-013-1001 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 1/4 mile South of US 40 off 4500 West Fruitland, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER: 11104-93-1
 LATITUDE: 40.3099558893
 LONGITUDE: -110.00073219
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1558
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				40.0	.0	19.0	7.0	8.0	15.0	17.0	12.0	18.0
2				10.0	.0	5.0	10.0	23.0	10.0	10.0	13.0	19.0
3				1.0	.0	8.0	7.0	8.0	8.0	27.0	19.0	18.0
4				2.0	.0	13.0	4.0	24.0	11.0	15.0	21.0	14.0
5				10.0	.0	8.0	6.0	18.0	10.0	4.0	5.0	19.0
6				6.0	5.0	12.0	5.0	14.0	7.0	4.0	3.0	11.0
7				6.0	12.0	5.0	9.0	10.0	14.0	2.0	9.0	24.0
8				7.0	4.0	6.0	8.0	17.0	17.0	6.0	6.0	17.0
9				5.0	2.0	4.0	6.0	8.0	14.0	7.0	17.0	129.0
10				1.0	3.0	7.0	4.0	16.0	8.0	15.0	20.0	21.0
11				8.0	9.0	6.0	10.0	17.0	6.0	7.0	23.0	19.0
12				18.0	4.0	6.0	7.0	11.0	15.0	4.0	9.0	20.0
13				9.0	12.0	4.0	11.0	7.0	14.0	7.0	3.0	15.0
14				3.0	9.0	4.0	10.0	7.0	12.0	31.0	4.0	3.0
15				6.0	4.0	13.0	14.0	5.0	16.0	24.0	4.0	20.0
16				4.0	3.0	18.0	11.0	7.0	24.0	4.0	8.0	130.0
17				2.0	2.0	4.0	10.0	11.0	4.0	4.0	17.0	22.0
18				3.0	5.0	5.0	7.0	21.0	9.0	13.0	14.0	17.0
19				2.0	6.0	4.0	7.0	9.0	10.0	21.0	7.0	23.0
20				10.0	2.0	3.0	9.0	12.0	8.0	15.0	8.0	48.0
21				3.0	3.0	4.0	13.0	10.0	5.0	23.0	24.0	6.0
22				3.0	4.0	8.0	15.0	11.0	21.0	11.0	19.0	6.0
23				8.0	5.0	7.0	3.0	11.0	20.0	11.0	21.0	136.0
24				4.0	4.0	5.0	6.0	12.0	15.0	22.0	16.0	18.0
25				2.0	5.0	8.0	9.0	12.0	11.0	12.0	5.0	12.0
26				1.0	6.0	5.0	8.0	16.0	6.0	7.0	11.0	5.0
27				3.0	2.0	12.0	7.0	12.0	26.0	13.0	16.0	5.0
28				10.0	8.0	13.0	10.0	4.0	9.0	14.0	14.0	3.0
29				.0	1.0	12.0	12.0	5.0	18.0	8.0	14.0	4.0
30				.0	5.0	7.0	18.0	5.0	17.0	11.0	20.0	132.0
31					8.0		10.0	13.0		14.0		2.0
NO.:	0	0	0	30	31	30	31	31	30	31	30	31
MAX:				40.0	12.0	19.0	18.0	24.0	26.0	31.0	24.0	136.0
MEAN:				6.23	4.29	7.83	8.81	11.74	12.67	12.35	12.73	30.19
ANNUAL OBSERVATIONS:		275		ANNUAL MEAN:	11.90	ANNUAL MAX:	136.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-013-1001 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 1/4 mile South of US 40 off 4500 West Fruitland, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.3099558893
 LONGITUDE: -110.00073219
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1558
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				17.3	15.9	17.4	9.9	12.8	16.8	14.0	17.5	11.1
2				21.4	14.5	19.7	9.8	9.6	14.9	6.6	10.3	5.7
3				22.0	17.4	13.3	13.0	20.8	11.5	12.9	12.5	10.9
4				17.5	21.9	12.2	10.7	9.2	12.1	11.5	20.0	13.0
5				16.2	13.0	14.2	12.4	11.7	13.4	10.2	21.8	14.7
6				18.5	18.8	28.7	12.4	14.0	12.4	18.5	8.3	24.5
7				17.9	16.4	14.8	10.4	15.4	12.2	12.2	6.9	6.5
8				12.3	20.4	13.8	11.6	12.2	8.9	16.2	15.7	17.7
9				15.0	16.0	19.6	7.8	14.2	10.2	7.4	8.7	18.4
10				17.2	10.8	8.6	14.8	12.7	8.9	11.6	9.9	7.5
11				8.7	11.4	16.5	14.3	13.9	12.9	17.0	5.6	7.6
12				14.2	16.2	14.6	7.6	13.3	11.5	12.4	17.3	6.9
13				19.2	11.0	16.2	11.4	12.7	8.5	17.4	22.7	9.1
14				20.5	14.8	14.8	10.2	16.0	17.9	13.7	19.8	15.8
15				12.7	19.4	17.0	14.2	14.5	7.4	14.0	17.8	8.3
16				17.5	15.7	19.2	14.8	10.2	13.5	16.2	13.6	6.9
17				22.8	14.7	15.5	13.2	11.7	15.1	14.9	14.7	4.3
18				18.6	10.0	15.6	7.7	21.4	14.2	12.0	15.6	3.9
19				18.4	13.5	19.5	9.2	13.8	15.6	10.5	18.1	11.3
20				7.6	19.8	14.7	12.1	8.9	15.5	15.3	3.7	10.0
21				18.7	16.0	13.1	11.4	13.5	15.9	14.4	11.9	18.1
22				17.0	15.6	12.2	12.4	15.4	14.8	12.9	10.1	8.2
23				8.0	11.0	15.3	13.4	11.7	10.9	12.1	7.0	7.5
24				13.9	17.5	15.7	6.7	12.6	9.6	14.3	3.6	10.3
25				21.0	11.0	16.5	12.9	12.1	10.9	15.6	20.8	7.9
26				18.1	21.3	16.7	12.8	12.2	12.2	12.5	14.6	18.4
27				17.5	19.5	7.2	15.6	9.6	12.6	10.9	8.8	16.7
28				15.5	7.6	16.3	10.4	17.6	10.8	8.5	9.2	19.7
29				19.9	14.8	16.3	10.4	14.6	8.4	17.9	11.2	19.5
30				17.3	17.4	14.2	10.2	16.0	7.3	14.2	15.3	18.7
31					14.4		4.2	18.7		15.8		23.6
NO.:	0	0	0	30	31	30	31	31	30	31	30	31
MAX:				22.8	21.9	28.7	15.6	21.4	17.9	18.5	22.7	24.5
MEAN:				16.75	15.41	15.65	11.22	13.65	12.23	13.34	13.10	12.35
ANNUAL OBSERVATIONS:	275		ANNUAL MEAN:	13.73		ANNUAL MAX:	28.7					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-013-1001 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 1/4 mile South of US 40 off 4500 West Fruitland, Utah
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.3099558893
 LONGITUDE: -110.00073219
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1558
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				280	317	298	299	292	324	272	321	311
2				279	283	295	309	302	297	292	308	296
3				311	306	327	320	286	302	310	328	325
4				313	314	314	296	302	326	283	285	307
5				308	324	330	284	312	313	141	323	288
6				302	320	300	304	310	304	265	293	258
7				273	292	311	282	288	303	287	331	285
8				310	297	297	305	325	271	287	306	294
9				264	281	306	304	316	302	308	333	275
10				272	289	290	301	321	307	292	313	295
11				310	289	302	272	319	302	323	304	277
12				304	320	311	295	306	283	305	278	269
13				282	314	293	319	292	300	315	307	281
14				322	318	307	325	295	283	291	296	283
15				324	280	287	332	285	297	294	329	288
16				289	317	304	328	287	296	323	277	320
17				276	308	327	276	291	318	310	283	297
18				306	290	320	287	295	312	336	294	298
19				309	295	296	285	300	321	295	314	300
20				290	304	305	296	313	311	306	296	237
21				289	298	331	303	287	331	296	321	313
22				281	305	331	323	286	315	311	308	300
23				309	271	323	301	297	310	333	299	285
24				297	322	312	309	313	317	315	282	306
25				292	301	296	288	285	292	288	312	279
26				306	281	314	291	294	309	297	328	317
27				293	304	324	282	318	308	316	264	310
28				333	292	328	320	303	302	325	283	302
29				294	295	275	288	317	328	302	315	302
30				304	282	295	308	311	265	315	280	320
31					290		295	329		317		321
NO.:	0	0	0	30	31	30	31	31	30	31	30	31
MAX:				333.	324.	331.	332.	329.	331.	336.	333.	325.
MEAN:				297.4	300.0	308.3	300.9	302.5	305.0	298.4	303.7	294.8
ANNUAL OBSERVATIONS:	275		ANNUAL MEAN:	301.2	ANNUAL MAX:	336.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 10102-43-9
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2.8	.9	5.6	.6	1.0	1.2	1.0	.5	1.2	1.6		1.1
2	3.3	9.0	1.9	2.0	1.3	.5	.9	1.1	.6	.4		4.3
3	6.8	5.8	3.1	.5	.9	.8	1.1	.5	.5	2.3	2.6	2.0
4	5.5	7.0	1.2	.7	.2	1.2	.3	1.6	.6	1.3	1.9	2.6
5	4.2	4.6	1.2	1.2	1.4	1.2	.4	1.4	.9	.7	.1	2.0
6	10.9	3.4	1.4	.3	1.2	1.7	.9	1.5	.6	.4	.5	5.8
7	8.1	2.2	.9	.5	.8	.4	1.2	.7	.4	.5	1.5	6.4
8	3.7	2.0	.3	.2	.6	1.0	1.5	.5	1.2	.4	1.0	7.2
9	1.1	4.3	.0	.3	.3	.1	1.2	.4	.8	.6	2.5	4.7
10	5.4	4.2		.2	.6	1.0	.4	.7	2.2	2.1	4.0	4.2
11	5.9	7.2		.8	1.0	.9	1.3	.6	.5	.7	2.2	6.0
12	4.9	5.9		1.5	1.6	.6	1.0	.6	1.6	1.1	1.2	5.4
13	6.4	2.9		.8	.8	.8	1.5	.8	1.4	1.8	.2	2.3
14	3.6	2.3		.2	.9	.4	1.8	.4	1.2	2.5	.5	1.6
15	1.9	16.0		.8	.8	.8	1.0	.7	1.6	2.1	.4	
16	1.9	2.1		.5	.7	.6	1.7	2.0	1.8	1.5	2.5	.0
17	2.4	1.3		.9	.4	.5	1.2	1.6	.4	.0	2.5	1.4
18	2.7	2.0		.3	.5	.8	.7	1.5	1.1		4.0	1.6
19	3.1	1.4		.2	.6	.2	.8	1.0	1.1		.5	3.0
20	3.1	2.1		.9	.4	.9	.9	.4	.7		.7	7.0
21	3.5	2.3		.2	.3	.5	1.2	.7	1.3		.9	7.7
22	.4	4.8		.2	.4	.5	.7	.8	.9		3.1	1.7
23	2.0	5.1		.5	1.8	.6	1.0	.7	1.5		4.4	3.4
24	3.7	4.8		1.2	.5	.8	.9	.9	1.4		10.1	6.1
25	3.6	1.6		.1	.8	.9	2.4	.7	1.5		8.3	4.8
26	4.5	4.6		.7	1.1	.5	.4	1.1	2.4		6.3	6.0
27	2.9	4.2		.2	.4	.6	1.3	.5	1.2		2.7	4.7
28	5.3	3.2		1.1	.7	1.0	1.0	.3	5.6		3.2	9.7
29	4.0			.1	.5	1.2	1.2	1.0	4.1			6.7
30	2.8			.1	.6	.5	1.0	1.2	.8			3.7
31	4.2				1.3		.8	.9				.3
NO.:	31	28	9	30	31	30	31	31	30	17	26	30
MAX:	10.9	16.0	5.6	2.0	1.8	1.7	2.4	2.0	5.6	2.5	10.1	9.7
MEAN:	4.02	4.19	1.73	.59	.79	.76	1.05	.88	1.37	1.18	2.61	4.11
ANNUAL OBSERVATIONS:		324		ANNUAL MEAN:	1.96	ANNUAL MAX:	16.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 11104-93-1
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7.4	10.8	15.8	3.6	4.8	3.8	6.3	2.8	4.5	4.7		5.1
2	14.9	14.6	11.0	5.7	5.2	2.5	5.3	4.8	3.4	3.1	3.9	9.5
3	19.3	11.1	11.2	1.9	4.3	4.2	6.3	4.0	3.9	6.6	6.3	10.7
4	17.2	18.1	7.0	3.4	1.8	4.5	3.2	4.7	5.1	5.5	5.1	11.3
5	15.9	15.4	6.7	6.8	6.1	6.3	3.7	4.9	5.3	2.9	1.7	8.5
6	25.3	11.2	7.9	7.8	4.5	3.9	5.1	4.9	2.9	1.9	3.3	20.4
7	24.2	6.2	8.9	4.9	4.0	3.9	5.3	4.0	5.2	1.9	7.2	14.9
8	22.3	7.3	1.9	1.8	3.4	4.1	5.6	2.4	3.7	2.4	4.8	17.0
9	17.1	10.8	.9	3.1	2.0	3.4	5.6	2.5	4.0	4.0	7.9	14.3
10	13.8	15.0		1.7	3.6	4.8	4.5	2.8	8.5	4.3	9.6	15.7
11	17.6	18.7		4.2	7.0	3.7	5.6	3.0	4.8	6.4	7.8	16.5
12	19.3	20.9		7.0	5.8	2.8	4.7	2.9	5.1	5.5	7.8	26.0
13	21.2	25.3		4.9	8.4	4.0	4.1	3.9	4.5	4.5	1.5	15.0
14	18.8	23.7		1.3	4.1	3.7	5.0	4.3	4.0	6.4	3.0	10.7
15	13.2	45.4		4.1	2.9	4.3	3.7	3.9	4.7	7.0	3.5	
16	14.1	23.9		3.1	3.8	2.9	9.3	4.9	4.9	4.5	9.3	2.5
17	16.3	4.9		3.6	2.1	3.4	4.9	5.5	2.0	.5	8.5	5.5
18	10.2	7.3		2.0	2.9	4.9	3.3	4.5	3.6		8.9	8.3
19	10.0	8.1		1.9	8.6	4.2	4.0	5.7	3.5		2.4	10.7
20	7.9	5.8		4.9	1.7	7.9	3.8	3.2	3.1		5.1	14.7
21	12.2	9.3		2.6	3.1	3.5	4.7	3.4	5.4		6.8	14.0
22	11.0	13.1		2.3	2.9	5.2	4.3	4.1	3.9		11.5	6.4
23	6.4	13.8		3.8	5.4	3.6	3.8	6.5	4.8		11.4	8.3
24	10.1	13.5		7.0	3.5	3.8	4.6	4.2	5.6		17.0	11.5
25	14.5	8.4		3.5	6.3	3.5	5.0	5.3	4.5		16.4	18.0
26	15.5	11.2		1.7	4.8	3.0	2.5	4.3	6.5		15.5	13.1
27	15.4	8.4		1.5	1.9	4.8	4.1	3.3	5.1		12.4	19.5
28	19.9	7.9		4.4	2.7	5.5	4.6	2.7	14.5		11.9	19.5
29	17.0			1.4	2.4	9.0	4.1	3.7	10.7			17.4
30	18.2			1.4	2.7	5.8	5.2	4.4	3.7			8.0
31	19.5				5.2		4.6	3.5				6.1
NO.:	31	28	9	30	31	30	31	31	30	17	27	30
MAX:	25.3	45.4	15.8	7.8	8.6	9.0	9.3	6.5	14.5	7.0	17.0	26.0
MEAN:	15.67	13.93	7.92	3.58	4.13	4.36	4.74	4.03	5.05	4.24	7.80	12.64
ANNUAL OBSERVATIONS:		325		ANNUAL MEAN:	7.38	ANNUAL MAX:	45.4					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (065) Instrumental RM Young Model 05305
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7.6	13.8	8.0	19.4	9.9	8.5	8.2	18.1	13.2	8.9	25.2	20.8
2	4.1	8.2	4.9	25.2	8.2	20.8	8.5	8.4	16.1	8.5	7.6	5.2
3	3.7	4.3	10.3	29.1	21.9	12.8	11.1	17.3	10.7	8.2	8.5	7.6
4	4.1	5.6	12.8	22.5	23.5	8.4	15.9	11.1	9.7	11.3	17.7	7.4
5	4.1	6.6	6.8	20.0	8.7	12.4	11.5	8.0	14.8	9.3	27.0	9.3
6	5.2	9.9	6.4	21.2	23.3	28.5	13.8	9.7	11.7	27.2	9.5	5.4
7	6.0	13.8	15.5	20.6	18.3	14.2	9.1	12.0	7.8	9.9	7.2	4.9
8	3.7	11.8	24.3	20.6	19.8	14.8	10.3	9.1	12.2	6.8	8.0	6.4
9	13.8	7.0	18.6	22.3	12.6	22.7	11.8	13.6	8.7	7.2	7.4	5.6
10	11.1	5.0	8.0	25.1	9.3	8.5	7.8	12.8	7.6	8.4	8.2	5.0
11	7.2	4.1	7.8	9.7	11.1	10.7	8.2	15.3	10.1	16.3	5.6	5.8
12	4.1	4.5	8.9	13.6	8.7	13.2	9.5	13.8	8.0	11.5	16.7	3.7
13	4.9	4.5	7.6	17.1	8.7	18.3	10.5	17.1	8.9	7.8	26.8	5.0
14	4.7	4.9	17.3	27.4	14.8	15.1	8.7	12.0	10.5	8.0	26.8	7.2
15	6.0	5.4	7.8	12.8	15.1	15.9	10.7	13.2	9.9	9.7	22.7	8.0
16	4.5	17.9	25.6	20.6	19.2	18.3	10.9	9.5	15.0	9.9	17.9	6.0
17	22.9	19.2	18.8	27.6	15.1	17.5	15.0	9.9	15.5	19.8	8.4	6.0
18	22.3	8.0	9.1	21.4	9.7	14.0	11.1	18.3	11.8	9.7	20.4	5.6
19	8.4	14.0	17.1	25.8	8.7	17.5	14.6	11.5	15.9	9.3	15.9	6.6
20	10.1	18.8	9.5	12.8	17.9	14.6	9.3	15.9	16.1	8.2	3.7	6.4
21	7.0	12.8	26.4	26.0	21.8	8.9	9.3	14.0	9.9	12.4	8.9	20.6
22	22.9	8.5	22.1	18.4	9.9	9.3	10.3	12.2	10.3	12.4	8.0	9.5
23	6.6	5.8	10.3	7.8	16.3	13.8	10.5	8.7	10.3	8.9	5.8	5.8
24	8.9	13.4	14.4	11.1	23.5	18.1	9.9	11.5	9.7	7.6	4.7	5.4
25	5.4	10.9	16.9	24.3	9.9	15.7	18.6	11.1	9.3	14.6	22.1	4.5
26	6.0	6.6	9.7	26.2	24.7	18.8	15.0	11.7	10.5	12.4	14.8	5.4
27	4.3	28.5	23.1	18.8	20.0	9.1	16.5	8.2	9.7	7.6	7.0	4.3
28	4.3	14.6	25.1	15.7	10.9	11.7	8.9	13.4	10.3	7.6	5.8	4.5
29	4.3		17.5	22.5	18.8	26.0	9.3	12.2	8.9	8.7	6.6	22.1
30	6.0		29.7	17.1	22.1	15.9	9.3	13.0	8.7	8.5	6.2	6.2
31	8.2		29.7		7.4		12.2	14.4		8.4		24.5
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	22.9	28.5	29.7	29.1	24.7	28.5	18.6	18.3	16.1	27.2	27.0	24.5
MEAN:	7.82	10.30	15.16	20.09	15.15	15.13	11.17	12.48	11.06	10.48	12.70	8.09
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	12.46	ANNUAL MAX:	29.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (065) Instrumental RM Young Model 05305
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	358	277	343	349	356	323	328	354	329	308	324	338
2	340	326	338	316	307	290	325	353	293	360	330	337
3	356	342	338	314	310	324	355	354	341	346	357	314
4	349	336	333	319	319	343	359	349	348	336	326	347
5	353	319	337	338	315	338	355	323	353	358	299	320
6	318	335	359	323	321	321	327	312	348	278	287	344
7	340	324	320	341	316	324	347	349	346	330	321	359
8	349	354	276	339	332	298	334	350	350	356	338	332
9	352	360	325	328	360	326	326	348	323	350	330	345
10	317	340	325	298	337	333	321	350	334	313	320	355
11	353	328	335	342	359	354	334	333	324	338	326	336
12	358	314	338	311	322	308	356	337	338	348	346	348
13	319	329	338	352	338	357	331	311	318	338	325	319
14	337	354	314	277	350	327	309	341	313	327	282	312
15	346	339	330	336	299	342	315	326	357	335	296	268
16	335	345	350	295	347	300	328	360	333	302	357	345
17	310	319	359	286	337	314	321	323	295	311	332	256
18	354	326	352	306	355	340	314	300	320	317	316	259
19	349	349	299	294	332	317	340	328	349	358	324	322
20	351	301	346	353	323	343	353	349	319	334	314	352
21	328	332	322	359	296	315	339	332	334	323	330	354
22	359	334	287	288	342	346	355	343	319	357	345	331
23	357	358	312	310	332	341	346	355	359	335	329	346
24	349	339	323	327	334	324	330	332	320	315	340	332
25	346	310	317	303	318	314	331	356	349	310	301	356
26	354	355	342	282	301	353	355	315	320	324	351	353
27	356	327	321	311	317	347	325	325	336	347	324	350
28	338	329	302	344	355	348	345	337	321	319	330	343
29	342		333	290	341	348	356	326	330	335	336	350
30	360		330	305	311	352	338	355	340	343	339	346
31	343		274		353		338	318		332		320
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	360.	359.	359.	360.	357.	359.	360.	359.	360.	357.	359.
MEAN:	344.4	332.2	326.4	317.9	330.2	330.3	336.6	336.9	332.0	331.7	325.8	331.9
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		331.4		ANNUAL MAX:		360.			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61105) Peak Wind Gust

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL SPOT READING
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11	22	12	34	26	23	12	31	31	15	43	36
2	6	12	9	44	17	37	18	20	28	13	12	10
3	6	8	21	45	41	21	24	40	17	13	13	11
4	7	9	22	34	34	14	28	28	15	25	30	10
5	7	10	11	32	14	24	22	15	30	15	45	11
6	10	16	9	33	35	56	26	19	23	40	16	9
7	9	23	26	34	32	29	26	21	15	17	11	7
8	6	22	34	30	39	26	22	23	23	12	15	9
9	21	9	29	37	24	37	34	23	19	10	12	8
10	14	9	12	41	23	12	14	25	16	16	11	9
11	12	8	13	16	20	22	16	27	24	31	10	8
12	7	7	29	32	14	34	16	25	18	17	31	7
13	8	8	13	42	17	45	46	34	14	12	43	10
14	12	9	30	42	30	30	16	24	17	12	38	10
15	10	8	13	22	28	39	18	42	19	13	35	11
16	10	31	42	33	35	46	18	17	40	18	26	9
17	38	28	28	43	31	30	33	20	26	40	12	9
18	34	12	15	36	19	24	40	37	19	14	44	8
19	20	24	32	39	21	28	35	21	26	15	25	12
20	12	28	19	22	28	24	14	30	29	14	8	9
21	12	21	44	42	33	16	18	24	13	20	16	32
22	34	12	34	33	24	13	16	43	14	22	13	14
23	11	9	17	14	37	25	16	15	15	14	9	11
24	27	27	29	19	35	33	15	19	13	14	10	9
25	8	16	30	38	14	26	35	32	14	28	40	8
26	9	12	18	40	42	35	32	23	21	19	23	10
27	7	41	37	29	34	17	29	21	14	12	10	12
28	7	22	44	38	22	25	15	27	16	11	8	10
29	7		27	37	31	68	14	26	17	15	10	34
30	10		47	25	35	36	21	32	18	11	10	12
31	20		43		13		25	34		11		37
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	38.	41.	47.	45.	42.	68.	46.	43.	40.	40.	45.	37.
MEAN:	13.3	16.5	25.5	33.5	27.4	29.8	23.0	26.4	20.1	17.4	21.0	13.0
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		22.2	ANNUAL MAX:		68.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	20.0	18.0	15.0	21.0	34.0	44.0	24.0	28.0	27.0	28.0	35.0	32.0
2	18.0	15.0	24.0	26.0	37.0	17.0	32.0	34.0	25.0	23.0	40.0	26.0
3	16.0	21.0	19.0	13.0	37.0	41.0	26.0	30.0	35.0	33.0	23.0	21.0
4	22.0	23.0	19.0	22.0	15.0	32.0	24.0	33.0	35.0	29.0	30.0	26.0
5	24.0	37.0	25.0	33.0	38.0	24.0	22.0	34.0	27.0	22.0	11.0	13.0
6	17.0	42.0	26.0	43.0	29.0	38.0	34.0	37.0	33.0	12.0	33.0	29.0
7	12.0	24.0	14.0	37.0	31.0	37.0	30.0	29.0	29.0	27.0	33.0	27.0
8	17.0	28.0	8.0	28.0	27.0	39.0	22.0	37.0	40.0	30.0	35.0	31.0
9	17.0	14.0	25.0	22.0	22.0	17.0	23.0	31.0	34.0	37.0	28.0	27.0
10	16.0	28.0	21.0	12.0	31.0	32.0	29.0	37.0	33.0	31.0	21.0	22.0
11	17.0	23.0	27.0	39.0	31.0	30.0	39.0	25.0	26.0	25.0	33.0	22.0
12	16.0	27.0	26.0	33.0	36.0	31.0	23.0	36.0	32.0	34.0	41.0	24.0
13	21.0	18.0	20.0	42.0	25.0	32.0	29.0	28.0	40.0	25.0	20.0	29.0
14	26.0	33.0	25.0	12.0	26.0	36.0	38.0	15.0	24.0	22.0	13.0	24.0
15	22.0	24.0	34.0	45.0	31.0	34.0	26.0	34.0	35.0	25.0	31.0	25.0
16	30.0	44.0	23.0	27.0	28.0	23.0	28.0	40.0	30.0	29.0	25.0	28.0
17	23.0	14.0	35.0	15.0	16.0	44.0	30.0	32.0	22.0	14.0	23.0	30.0
18	21.0	24.0	41.0	15.0	30.0	31.0	27.0	31.0	29.0	21.0	24.0	31.0
19	45.0	18.0	31.0	12.0	40.0	16.0	38.0	25.0	27.0	23.0	13.0	23.0
20	27.0	17.0	30.0	37.0	23.0	34.0	35.0	30.0	25.0	35.0	35.0	21.0
21	35.0	15.0	25.0	39.0	12.0	38.0	32.0	31.0	30.0	26.0	31.0	27.0
22	35.0	32.0	14.0	13.0	22.0	37.0	25.0	29.0	26.0	24.0	21.0	33.0
23	32.0	26.0	34.0	37.0	32.0	27.0	27.0	31.0	35.0	25.0	25.0	23.0
24	30.0	24.0	28.0	35.0	20.0	29.0	27.0	32.0	34.0	23.0	26.0	22.0
25	20.0	24.0	25.0	13.0	29.0	35.0	29.0	26.0	20.0	24.0	24.0	21.0
26	21.0	32.0	32.0	10.0	22.0	31.0	30.0	34.0	22.0	19.0	27.0	36.0
27	34.0	19.0	24.0	41.0	30.0	37.0	33.0	28.0	33.0	35.0	31.0	37.0
28	15.0	33.0	17.0	34.0	29.0	42.0	35.0	28.0	22.0	30.0	21.0	31.0
29	20.0		42.0	12.0	39.0	19.0	29.0	30.0	22.0	42.0	20.0	31.0
30	13.0		26.0	38.0	20.0	28.0	31.0	27.0	26.0	28.0	26.0	25.0
31	33.0		9.0		28.0		31.0	28.0		29.0		26.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	45.0	44.0	42.0	45.0	40.0	44.0	39.0	40.0	40.0	42.0	41.0	37.0
MEAN:	23.06	24.89	24.65	26.87	28.06	31.83	29.29	30.65	29.27	26.77	26.63	26.55
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		27.38	ANNUAL MAX:		45.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS: PROBE HEIGHT CHANGED FROM 3.5M TO 2M AFTER 20081231

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	0	13	35	70	49	75	82	85	88	80	46	35
2	0	-2	36	76	58	71	90	83	88	75	41	25
3	4	3	41	54	65	68	92	81	82	74	44	28
4	3	11	43	52	62	78	88	80	83	62	54	27
5	7	21	36	69	70	85	79	87	85	55	41	18
6	10	29	37	57	74	85	89	90	74	46	41	17
7	11	32	36	56	81	76	81	90	75	42	41	21
8	11	25	39	51	76	79	73	91	76	46	41	25
9	24	9	42	50	52	71	83	92	77	52	41	29
10	9	11	46	49	53	75	71	91	77	59	42	28
11	3	16	50	56	54	79	79	92	72	65	41	27
12	8	22	48	61	69	80	73	92	75	64	48	27
13	12	25	49	62	72	77	75	91	78	65	51	31
14	17	27	53	51	68	80	83	78	76	71	53	28
15	13	28	54	58	74	86	87	88	72	71	49	24
16	19	37	55	65	66	74	89	86	73	72	43	24
17	47	36	43	69	54	72	89	92	72	64	46	22
18	38	30	47	62	51	79	81	92	77	59	56	18
19	38	32	54	54	55	64	78	90	80	61	39	24
20	23	36	52	56	56	73	87	86	81	67	37	20
21	24	27	55	52	67	80	91	86	77	66	44	33
22	40	26	45	51	65	86	91	89	78	69	41	32
23	26	31	49	48	58	93	91	94	80	64	42	22
24	29	36	49	50	61	92	92	91	81	67	38	20
25	25	31	41	56	65	90	93	89	81	58	51	22
26	26	39	45	48	68	87	80	86	82	45	38	23
27	28	38	50	53	67	85	79	89	82	45	40	28
28	23	35	48	64	60	93	83	87	83	47	40	31
29	23		49	51	59	90	89	91	79	47	45	51
30	24		56	46	57	70	89	83	82	56	43	44
31	28		66		68		84	87		58		41
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	47.	39.	66.	76.	81.	93.	93.	94.	88.	80.	56.	51.
MEAN:	19.1	25.1	46.7	56.6	63.0	79.8	84.2	88.0	78.9	60.4	43.9	27.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		56.2	ANNUAL MAX:		94.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-013-7011 POC: 2
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (042) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	0	13	35	68	48	75	81	83	87	79	46	35
2	0	-2	35	74	57	69	89	81	86	73	40	25
3	4	3	41	55	64	67	91	80	81	73	44	28
4	3	10	42	50	60	78	86	78	82	62	53	26
5	7	26	35	67	69	85	78	86	83	55	40	17
6	10	29	37	57	72	83	88	89	72	46	40	16
7	12	33	36	55	79	74	79	88	73	42	40	20
8	11	25	38	49	75	78	72	89	75	46	41	25
9	24	9	41	49	53	70	82	90	75	52	41	28
10	9	11	45	48	52	74	70	89	75	58	42	28
11	3	16	51	56	53	79	78	90	71	64	40	26
12	8	21	47	59	68	78	71	90	74	63	48	27
13	12	25	49	61	70	76	74	89	77	64	49	30
14	17	26	53	49	67	78	82	79	74	70	52	27
15	13	28	53	57	74	85	85	87	70	70	48	24
16	19	38	55	63	65	74	88	85	72	72	42	24
17	47	36	42	67	53	71	87	90	70	63	45	22
18	39	30	46	60	50	78	80	91	76	57	54	18
19	38	33	53	52	54	62	77	87	79	60	39	23
20	23	36	51	54	55	72	85	85	79	65	37	20
21	24	27	54	51	66	78	89	85	76	65	43	33
22	40	25	44	50	65	85	90	87	77	68	39	32
23	25	31	48	47	57	91	90	92	78	63	41	21
24	29	36	48	48	60	89	91	90	80	66	38	20
25	24	31	40	54	64	88	92	87	80	57	50	21
26	25	39	44	46	66	85	79	84	81	45	38	22
27	27	38	48	51	65	84	78	87	81	44	39	28
28	23	35	46	62	59	92	82	85	81	46	39	30
29	23		48	51	58	88	88	89	78	46	44	52
30	23		54	44	56	69	88	81	80	55	42	43
31	27		64		67		82	87		57		42
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	47.	39.	64.	74.	79.	92.	92.	92.	87.	79.	54.	52.
MEAN:	19.0	25.3	45.9	55.1	62.0	78.5	83.0	86.5	77.4	59.5	43.1	26.9
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	55.3	ANNUAL MAX:	92.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62106) Temperature Difference

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (041) Instrumental Electronic or machine
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Temp Difference, Centigrade
 MIN DETECTABLE: -100

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.1	1.9	2.7	2.4	2.1	2.6	1.7	1.0	3.3	2.5	2.6	1.9
2	1.9	2.0	1.8	1.8	1.8	3.0	2.6	3.8	2.1	1.7	3.0	1.9
3	2.8	2.0	2.4	1.0	1.5	2.7	1.8	1.6	4.5	2.1	2.8	2.3
4	2.7	1.2	1.3	.8	.7	3.4	1.2	1.6	3.2	1.4	3.8	2.5
5	2.5	3.0	1.5	1.2	3.4	2.8	.6	1.9	2.6	1.4	.5	2.6
6	2.9	3.7	1.7	1.1	2.4	2.4	1.5	2.5	1.2	2.1	1.0	3.5
7	2.8	1.8	1.4	1.9	2.5	2.9	1.1	2.3	2.0	2.3	1.9	2.8
8	2.3	2.4	.4	.8	2.9	2.7	1.2	2.8	2.0	.8	2.3	3.1
9	3.3	1.8	1.9	1.2	.4	1.5	2.7	2.8	1.8	1.7	2.0	2.8
10	2.5	2.7	1.8	.4	1.0	2.7	2.2	2.3	2.8	1.6	3.4	2.7
11	2.8	1.9	1.9	1.2	1.4	2.2	1.5	3.3	1.6	3.2	3.2	3.5
12	2.3	2.3	2.0	1.0	1.0	2.2	1.4	3.0	2.2	1.8	1.4	2.4
13	1.8	2.8	1.3	1.0	2.3	1.6	.8	3.1	2.1	2.3	1.1	.7
14	2.2	3.5	1.7	.4	3.1	1.6	2.0	2.2	2.1	2.4	5.0	.9
15	1.3	3.1	1.6	1.5	1.9	1.4	3.0	1.7	2.4	2.0	1.8	.1
16	2.4	2.0	2.3	1.2	2.1	1.1	3.3	1.8	1.3	2.9	2.0	.1
17	1.3	2.5	.9	4.3	.8	1.2	2.1	2.7	3.0	.9	2.2	.0
18	1.3	2.5	1.1	2.0	.4	2.2	.7	3.4	1.8	2.4	3.3	-.1
19	2.2	2.4	1.3	2.0	.1	1.6	1.0	1.8	2.1	2.2	1.1	2.6
20	1.4	4.3	2.0	2.3	.3	2.6	1.3	1.9	1.6	2.9	1.0	3.3
21	2.8	1.8	2.0	.8	1.5	2.6	2.0	1.7	2.5	2.2	1.5	1.7
22	2.6	3.0	2.2	.7	1.5	2.1	3.2	1.9	2.7	1.6	1.7	2.5
23	1.8	3.1	2.8	1.1	1.0	2.5	1.8	2.3	3.2	2.6	3.5	3.2
24	1.9	1.8	2.9	1.5	.9	2.5	2.8	2.6	2.6	2.4	2.6	2.6
25	1.9	1.2	1.8	1.0	2.3	2.6	2.8	2.1	2.9	1.9	2.4	2.8
26	2.3	2.9	.9	.3	2.2	3.0	.6	2.1	2.3	2.2	2.4	2.7
27	1.8	2.8	.9	1.4	.9	2.6	1.1	1.9	2.0	2.4	3.1	2.5
28	2.5	1.6	.6	1.1	.9	2.5	1.8	1.7	1.7	2.1	3.1	3.2
29	2.8		1.3	.3	1.1	2.2	2.5	1.3	2.7	2.4	2.7	2.5
30	1.4		.9	.9	1.8	1.3	1.9	2.1	3.2	3.2	2.8	3.2
31	1.8		.8		1.7		2.4	2.5		3.0		2.2
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	3.3	4.3	2.9	4.3	3.4	3.4	3.3	3.8	4.5	3.2	5.0	3.5
MEAN:	2.24	2.43	1.62	1.29	1.55	2.28	1.83	2.25	2.38	2.15	2.37	2.22
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	2.05	ANNUAL MAX:	5.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62107) Indoor Temperature

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 1.5

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (013) Instrumental Electronic or Machine
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	71	73	77	71	72	71	73	73	73	73	83	76
2	71	73	77	72	71	71	73	73	73	73	76	75
3	71	73	77	73	72	72	73	73	73	73	77	76
4	71	73	77	72	72	71	73	73	73	73	76	76
5	71	75	77	72	72	71	73	73	73	74	78	74
6	71	76	77	73	71	71	73	73	73	75	76	74
7	72	76	77	72	71	71	81	73	73	74	76	75
8	71	73	78	72	71	71	73	73	73	74	76	76
9	72	73	77	72	72	71	73	73	73	74	76	76
10	71	74	77	73	73	72	73	73	73	74	76	76
11	70	74	77	72	72	71	73	73	73	74	76	76
12	71	75	76	72	72	71	75	73	73	74	76	74
13	71	76	77	72	72	71	74	73	73	74	76	76
14	74	77	77	73	71	71	73	73	73	73	76	78
15	71	77	77	71	71	71	73	73	73	73	76	74
16	74	77	76	72	71	71	73	73	73	73	76	74
17	74	77	76	72	71	71	73	73	73	74	76	74
18	76	76	77	71	72	71	73	73	74	74	76	74
19	75	75	77	72	72	71	73	73	73	74	76	74
20	75	76	77	72	73	71	74	73	73	74	76	75
21	75	78	76	72	71	71	73	73	73	74	76	75
22	75	77	77	72	71	71	73	73	73	74	76	76
23	75	78	78	72	71	71	73	73	73	74	76	74
24	76	77	77	72	71	69	73	73	73	74	76	75
25	76	77	76	73	72	69	73	73	73	74	76	76
26	75	77	77	73	71	70	73	73	73	74	77	75
27	75	77	77	72	71	73	73	73	73	74	76	77
28	75	78	78	72	71	73	73	73	73	74	76	76
29	75		77	73	71	73	73	73	73	74	76	76
30	74		77	72	72	74	73	73	73	81	77	76
31	75		76		72		73	73		97		77
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	76.	78.	78.	73.	73.	74.	81.	73.	74.	97.	83.	78.
MEAN:	73.2	75.6	76.9	72.1	71.5	71.2	73.4	73.0	73.0	74.8	76.4	75.4
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		73.9	ANNUAL MAX:		97.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS: PROBE HEIGHT CHANGED FROM 3.5M TO 2M AFTER 20071231

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (060) Instrumental Vaisala 435C RH/AT Se
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	78.0	86.0	83.0	41.0	85.0	56.0	85.0	94.0	50.0	57.0	94.0	95.0
2	79.0	70.0	85.0	55.0	59.0	45.0	74.0	86.0	37.0	62.0	82.0	95.0
3	85.0	76.0	92.0	72.0	73.0	46.0	64.0	82.0	39.0	68.0	79.0	95.0
4	83.0	81.0	70.0	55.0	72.0	58.0	78.0	84.0	45.0	87.0	89.0	83.0
5	84.0	79.0	76.0	60.0	51.0	48.0	80.0	78.0	46.0	92.0	93.0	82.0
6	87.0	83.0	90.0	49.0	41.0	48.0	68.0	51.0	89.0	96.0	77.0	83.0
7	87.0	95.0	96.0	81.0	51.0	59.0	89.0	34.0	90.0	88.0	85.0	85.0
8	89.0	84.0	69.0	86.0	42.0	68.0	92.0	44.0	72.0	94.0	68.0	86.0
9	88.0	75.0	80.0	91.0	92.0	52.0	91.0	41.0	67.0	94.0	70.0	87.0
10	81.0	83.0	80.0	63.0	88.0	49.0	92.0	40.0	74.0	85.0	74.0	88.0
11	83.0	84.0	92.0	66.0	87.0	54.0	89.0	39.0	66.0	84.0	77.0	87.0
12	84.0	89.0	90.0	60.0	84.0	59.0	86.0	42.0	77.0	67.0	75.0	93.0
13	85.0	89.0	95.0	78.0	69.0	61.0	88.0	41.0	59.0	66.0	63.0	95.0
14	90.0	89.0	75.0	58.0	93.0	64.0	85.0	83.0	69.0	71.0	53.0	94.0
15	90.0	91.0	75.0	46.0	94.0	56.0	64.0	83.0	87.0	64.0	40.0	91.0
16	89.0	97.0	82.0	54.0	55.0	74.0	54.0	87.0	79.0	61.0	53.0	85.0
17	90.0	92.0	82.0	68.0	89.0	57.0	82.0	60.0	92.0	74.0	60.0	88.0
18	93.0	88.0	82.0	65.0	92.0	57.0	91.0	51.0	66.0	68.0	82.0	92.0
19	92.0	98.0	90.0	74.0	92.0	92.0	91.0	61.0	61.0	66.0	86.0	92.0
20	86.0	89.0	86.0	91.0	93.0	96.0	84.0	68.0	52.0	69.0	93.0	92.0
21	89.0	82.0	72.0	95.0	68.0	56.0	59.0	74.0	54.0	63.0	95.0	90.0
22	91.0	90.0	77.0	76.0	78.0	46.0	46.0	63.0	61.0	57.0	95.0	90.0
23	82.0	90.0	68.0	90.0	93.0	50.0	39.0	55.0	38.0	58.0	89.0	81.0
24	92.0	92.0	87.0	92.0	95.0	45.0	50.0	48.0	47.0	63.0	95.0	85.0
25	91.0	94.0	77.0	87.0	74.0	47.0	47.0	59.0	39.0	78.0	96.0	87.0
26	91.0	95.0	89.0	67.0	76.0	48.0	95.0	65.0	53.0	95.0	54.0	86.0
27	92.0	90.0	97.0	55.0	57.0	57.0	94.0	63.0	52.0	82.0	71.0	87.0
28	91.0	68.0	85.0	50.0	77.0	49.0	88.0	70.0	44.0	84.0	74.0	85.0
29	91.0		60.0	71.0	85.0	85.0	74.0	80.0	49.0	80.0	75.0	85.0
30	91.0		60.0	89.0	91.0	92.0	60.0	56.0	57.0	82.0	94.0	85.0
31	93.0		49.0		80.0		91.0	71.0		75.0		84.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	93.0	98.0	97.0	95.0	95.0	96.0	95.0	94.0	92.0	96.0	96.0	95.0
MEAN:	87.65	86.39	80.35	69.50	76.65	59.13	76.45	63.00	60.37	75.16	77.70	88.16
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	75.04	ANNUAL MAX:	98.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.70	.82	1.08	1.35	1.48	1.23	1.44	1.33	1.29	.98	.36	.62
2	.70	.87	1.04	1.24	1.44	1.54	1.45	1.38	1.32	1.09	.89	.66
3	.70	.86	.77	1.34	1.40	1.51	1.46	1.35	1.32	.91	.88	.70
4	.69	.85	1.10	1.26	1.44	1.42	1.33	1.40	1.31	.54	.86	.62
5	.65	.87	.94	1.31	1.44	1.51	1.21	1.40	1.30	.35	.92	.72
6	.72	.87	.91	1.33	1.38	1.50	1.43	1.42	1.25	.53	.85	.70
7	.69	.92	.48	.74	1.41	1.54	1.30	1.43	1.24	.47	.72	.69
8	.52	.91	1.13	.98	1.17	1.49	.88	1.42	1.22	.66	.84	.69
9	.73	.92	1.09	.97	.73	1.52	1.42	1.41	1.25	.97	.82	.68
10	.73	.92	1.13	1.35	1.43	1.49	.89	1.43	1.25	1.05	.84	.68
11	.50	.92	1.09	1.29	1.00	1.34	1.37	1.41	1.04	.93	.61	.67
12	.67	.95	.99	1.32	1.45	1.46	1.40	1.38	1.29	1.02	.65	.43
13	.72	.84	1.16	1.13	1.44	1.47	1.29	1.42	1.24	1.02	.82	.50
14	.73	.95	.68	1.36	1.47	1.49	1.44	1.20	1.19	1.01	.80	.37
15	.58	1.04	1.13	1.35	1.44	1.48	1.47	1.40	1.18	1.02	.83	.20
16	.64	.95	.79	1.35	1.24	1.14	1.51	1.39	1.21	.96	.80	.32
17	.71	.99	.49	1.38	.96	1.51	1.45	1.38	1.24	1.01	.79	.30
18	.72	.83	.94	.75	1.08	1.28	1.36	1.39	1.19	1.00	.83	.26
19	.77	.55	1.04	1.41	1.48	.92	1.41	1.37	1.19	.99	.65	.60
20	.77	1.02	.81	1.17	.45	1.56	1.41	1.15	1.20	.97	.63	.47
21	.78	1.02	1.02	.79	1.47	1.48	1.46	1.40	1.19	.96	.72	.67
22	.84	1.02	.90	1.32	1.24	1.49	1.48	1.31	1.21	.95	.73	.68
23	.74	1.03	1.24	.99	1.18	1.44	1.45	1.35	1.20	.96	.67	.68
24	.80	1.20	.89	1.09	1.48	1.51	1.46	1.34	1.23	.94	.51	.64
25	.62	.81	.70	1.39	1.46	1.48	1.30	1.30	1.18	.43	.77	.67
26	.79	1.03	1.24	1.42	1.29	1.46	1.02	1.32	1.15	.71	.74	.63
27	.81	1.08	1.27	1.44	1.46	1.47	1.41	1.31	1.16	.92	.72	.79
28	.77	1.09	1.26	1.43	.98	1.40	1.40	1.27	1.14	.88	.54	.60
29	.76		1.16	1.39	.94	.97	1.43	1.31	1.13	.72	.72	.62
30	.80		1.06	1.34	1.50	1.31	1.37	1.20	1.11	.90	.30	.67
31	.84		1.28		1.41		1.18	1.26		.88		.70
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	.84	1.20	1.28	1.44	1.50	1.56	1.51	1.43	1.32	1.09	.92	.79
MEAN:	.716	.933	.994	1.233	1.282	1.414	1.351	1.349	1.214	.862	.727	.588
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	1.055	ANNUAL MAX:	1.56						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63305) Net radiation

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 1.5

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (011) Instrumental Net radiometer
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: -99

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.1	.1	.2	.8	.8	.7	.9	.8	.7	.5	.2	.3
2	.1	.1	.3	.7	.8	.9	.8	.8	.7	.6	.5	.4
3	.1	.1	.2	.9	.8	.8	.8	.8	.7	.5	.4	.1
4	.1	.1	.4	.7	.9	.8	.8	.8	.6	.2	.4	.1
5	.1	.1	.3	.7	.8	.8	.7	.8	.7	.1	.6	.1
6	.1	.2	.3	.7	.9	.9	.8	.7	.7	.4	.5	.1
7	.1	.2	.1	.4	.8	.9	.7	.7	.6	.2	.4	.1
8	.1	.1	.4	.6	.7	.8	.6	.7	.6	.4	.4	.1
9	.1	.1	.4	.6	.4	.9	.8	.7	.6	.6	.4	.1
10	.1	.1	.5	.9	1.0	.8	.6	.7	.6	.6	.4	.1
11	.1	.1	.6	.7	.6	.7	.8	.8	.5	.6	.3	.1
12	.1	.2	.6	.7	.9	.8	.9	.7	.7	.5	.4	.1
13	.1	.1	.8	.6	.8	.8	.8	.7	.6	.5	.5	.1
14	.1	.2	.5	.9	.8	.9	.9	.7	.6	.5	.4	.1
15	.1	.2	.7	.7	.8	.8	.8	.8	.6	.5	.5	.0
16	.1	.2	.5	.8	.8	.7	.8	.8	.6	.5	.4	.1
17	.1	.2	.3	.9	.5	.8	.8	.8	.7	.6	.4	.1
18	.1	.1	.6	.4	.7	.7	.8	.7	.6	.5	.4	.1
19	.1	.0	.6	.9	1.1	.6	.9	.7	.6	.5	.4	.1
20	.1	.1	.4	.6	.2	.9	.8	.6	.7	.5	.4	.0
21	.1	.1	.6	.5	1.1	.8	.8	.8	.6	.5	.4	.1
22	.2	.2	.6	.8	.8	.8	.8	.7	.6	.5	.4	.1
23	.1	.1	.7	.6	.7	.8	.8	.7	.6	.5	.3	.1
24	.2	.2	.5	.6	1.1	.8	.8	.7	.6	.5	.2	.1
25	.1	.1	.3	.9	.9	.8	.7	.8	.6	.2	.4	.1
26	.2	.2	.7	1.0	.8	.9	.6	.7	.6	.4	.3	.1
27	.2	.2	.8	.8	1.0	.8	.9	.7	.6	.5	.3	.2
28	.2	.3	.8	.8	.6	.7	.9	.7	.6	.4	.2	.1
29	.2		.6	.9	.5	.6	.8	.7	.6	.4	.3	.3
30	.2		.7	.7	1.0	.9	.8	.6	.5	.4	.1	.4
31	.2		.8		.8		.7	.7		.4		.4
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	.2	.3	.8	1.0	1.1	.9	.9	.8	.7	.6	.6	.4
MEAN:	.13	.14	.51	.73	.79	.80	.79	.73	.62	.45	.37	.14
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	.52	ANNUAL MAX:	1.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(64101) Barometric pressure

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 1.5

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (015) INSTRUMENTAL BAROMETRIC PRESSURE T
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Millibars
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	845	845	844	839	845	840	842	843	838	844	842	844
2	846	851	841	835	848	836	842	844	840	844	850	843
3	842	852	839	842	844	840	841	841	842	844	849	839
4	844	848	847	845	846	843	844	842	843	838	836	842
5	849	840	847	840	847	843	844	842	842	834	832	845
6	850	845	838	835	837	836	843	841	846	833	836	848
7	845	843	830	830	834	836	842	840	848	839	839	848
8	837	844	841	828	828	836	839	840	848	844	848	844
9	835	847	848	830	828	841	840	838	844	844	852	848
10	846	844	848	844	832	842	842	838	844	840	851	849
11	850	850	840	847	839	835	842	838	845	839	843	842
12	852	852	839	838	843	836	840	841	847	844	832	838
13	851	847	845	837	845	840	840	842	846	844	832	836
14	850	844	844	844	839	842	839	843	841	841	832	843
15	850	843	843	846	836	840	837	841	840	842	838	847
16	844	835	837	838	832	834	838	842	839	840	845	853
17	838	837	844	834	830	837	843	844	842	846	844	853
18	841	839	844	829	828	837	845	842	846	849	832	848
19	842	838	834	837	832	833	843	839	845	845	834	841
20	847	832	836	839	834	838	842	842	842	842	838	841
21	844	836	831	835	836	841	838	843	843	844	843	838
22	842	836	836	836	836	842	837	844	846	846	847	848
23	843	835	839	835	834	838	841	843	848	846	847	851
24	844	832	831	834	839	835	845	844	844	842	840	855
25	845	831	833	833	842	835	842	844	840	837	846	854
26	848	826	835	837	835	838	841	845	842	843	855	846
27	848	837	830	842	836	841	842	845	845	844	855	846
28	846	842	840	843	832	839	844	843	845	848	849	847
29	840		843	836	826	837	844	841	846	844	849	842
30	838		840	842	841	840	844	839	845	847	842	840
31	837		838		845		844	837		844		850
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	852.	852.	848.	847.	848.	843.	845.	845.	848.	849.	855.	855.
MEAN:	844.5	841.1	839.5	837.7	837.1	838.4	841.6	841.6	843.7	842.6	842.6	845.5
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	841.3		ANNUAL MAX:	855.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(65102) Rain/melt precipitation

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 1

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (014) Heated Tipping Bucket Instrument
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
3	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.01
4	.00	.00	.00	.00	.00	.00	.01	.00	.00	.04	.03	.00
5	.00	.00	.00	.00	.00	.00	.01	.00	.00	.04	.02	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.01	.19	.00	.00
7	.00	.04	.10	.00	.00	.00	.17	.00	.00	.02	.00	.00
8	.00	.00	.00	.02	.00	.00	.06	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.21	.00	.01	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.10	.00	.11	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00
12	.00	.00	.02	.00	.00	.00	.11	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.02
14	.00	.00	.00	.00	.06	.00	.00	.03	.00	.00	.00	.00
15	.00	.00	.00	.00	.01	.01	.00	.11	.00	.00	.00	.00
16	.00	.02	.01	.00	.00	.04	.00	.00	.03	.00	.00	.00
17	.00	.03	.00	.00	.03	.01	.06	.00	.01	.01	.00	.00
18	.00	.00	.00	.00	.17	.00	.12	.00	.00	.00	.00	.00
19	.00	.11	.00	.00	.06	.02	.15	.00	.00	.00	.00	.00
20	.00	.00	.00	.21	.06	.00	.00	.04	.00	.00	.01	.00
21	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01
23	.00	.00	.00	.00	.18	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.03	.01	.00	.00	.00	.00	.02	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.26	.00	.00	.05	.00	.00
27	.00	.00	.01	.00	.00	.00	.11	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00
29	.00	.00	.00	.00	.03	.02	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.03	.30	.00	.13	.00	.00	.04	.00
31	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	0.00	.11	.10	.21	.21	.30	.26	.13	.03	.19	.04	.03
MEAN:	0.000	.008	.005	.009	.031	.013	.044	.012	.002	.011	.004	.003
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		.012		ANNUAL MAX:		.30			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-013-7011 POC: 1
 COUNTY: (013) Duchesne
 CITY: (00000) Not in a city
 SITE ADDRESS: 6000 SOUTH AND 10000 WEST (MYTON)
 SITE COMMENTS: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.216667
 LONGITUDE: -110.2
 UTM ZONE: 12
 UTM NORTHING: 4451902
 UTM EASTING: 568074
 ELEVATION-MSL: 1606
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (182) Thermo Scientific TEOM 1405-DF Dic
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.5	5.4	15.9	9.8	4.3	9.7	7.6	8.0	5.6	6.8	6.8	7.3
2	21.5	6.5	27.3	9.3	8.6	7.7	9.1	7.1	7.5	9.1	6.1	6.7
3	27.8	13.7	34.0	7.7	8.1	7.0	11.6	10.0	7.2	9.1	7.3	12.7
4	27.0	21.8	13.0	5.6	11.1	6.4	16.4	8.5	7.8	8.5	8.0	7.6
5	34.3	24.9	13.9	4.8	10.6	8.5	8.8	7.0	8.8	6.9	4.2	5.2
6	32.3	21.7	13.0	5.0	7.8	34.9	7.2	8.3	7.1	8.0	4.7	11.4
7	31.9	16.8	9.3	6.9	10.8	8.4	7.6	12.3	10.3	6.2	7.5	14.0
8	43.7	6.9	8.3	11.6	14.5	6.3	10.7	8.5	14.4	7.0	8.7	30.5
9	50.5	9.4	12.2	6.6	11.6	10.6	10.7	8.0	11.1	9.1	8.7	23.7
10	17.6	20.8	12.1	7.0	5.6	14.6	8.6	8.8	9.7	8.8	9.8	23.2
11	14.5	29.4	13.2	7.4	3.9	7.6	10.0	8.5	7.1	5.7	8.0	24.0
12	34.6	35.8	12.5	9.0	8.9	11.9	10.6	9.4	6.9	7.8	9.8	22.0
13	30.2	46.6	9.6	8.1	11.5	11.6	10.4	8.9	6.2	7.5	10.5	32.1
14		52.1	8.3	14.4	10.9	7.9	7.8	9.4	9.9	7.4	8.1	15.6
15		54.8	8.0	36.6	7.4	10.4	9.6	9.2	8.7	9.4	8.5	13.9
16		66.3	13.2	21.9	25.4	11.2	5.9	8.5	11.7	8.1	6.7	12.9
17		4.0	14.9	6.5	7.6	12.7	8.2	8.8	7.3	6.6	4.6	13.1
18	11.3	10.8	21.8	10.2	4.7	8.6	9.8	6.7	8.5	5.5	6.9	17.9
19	12.0	13.4	21.6	10.1	6.1	8.4	9.5	7.1	8.3	7.5	6.4	15.6
20	13.2	9.0	17.9	9.5	6.8	8.2	8.3	9.2	8.9	7.8	10.0	24.0
21	21.2	11.4	13.8	12.5	7.2	7.3	8.6	9.3	6.9	8.5	11.3	19.1
22	26.4	18.5	3.2	13.2	7.3	13.2	7.4	6.4	9.1	8.7	11.4	13.7
23	10.3	34.6	6.6	9.9	6.7	6.3	7.6	7.5	6.4	4.6	9.9	7.4
24	25.9	29.7	6.5	8.3	8.5	8.4	7.6	6.3	8.1	8.6	20.3	12.5
25	28.5	19.2	5.8	9.2	7.4	6.9	7.6	6.5	7.4	8.6	18.0	18.3
26	27.4	13.1	4.8	6.2	14.3	8.2	7.6	8.4	8.5	8.5	10.9	19.5
27	40.9	8.9	24.4	6.2	5.3	9.0	10.2	9.0	7.4	10.9	10.8	24.1
28	43.5	12.6	5.3	6.7	6.3	9.3	9.0	7.9	8.2	10.5	7.4	25.8
29	49.7		6.2	5.2	14.6	12.6	9.7	5.9	6.0	32.8	8.2	22.9
30	56.2		7.7	7.7	5.3	15.5	16.9	8.6	6.8	9.5	11.4	10.9
31	49.3		8.9		6.4		8.4	11.2		12.8		23.5
NO.:	27	28	31	30	31	30	31	31	30	31	30	31
MAX:	56.2	66.3	34.0	36.6	25.4	34.9	16.9	12.3	14.4	32.8	20.3	32.1
MEAN:	29.41	22.08	12.68	9.77	8.89	10.31	9.32	8.36	8.26	8.93	9.03	17.13
ANNUAL OBSERVATIONS:	361		ANNUAL MEAN:	12.63	ANNUAL MAX:	66.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												8.2
16												10.3
17												10.1
18												6.4
19												8.7
20												9.9
21												17.7
22												14.4
23												7.8
24												9.5
25												9.7
26												9.9
27												9.9
28												8.0
29												6.0
30												7.2
31												9.9
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												17.7
MEAN:												9.62
ANNUAL OBSERVATIONS:	17											
ANNUAL MEAN:		9.62										
ANNUAL MAX:												17.7

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61103) Wind Speed - Resultant

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												8.0
16												10.1
17												9.9
18												5.6
19												8.4
20												9.9
21												17.1
22												14.0
23												7.0
24												9.5
25												9.1
26												9.7
27												9.5
28												7.4
29												5.6
30												6.8
31												9.1
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												17.1
MEAN:												9.22
ANNUAL OBSERVATIONS:	17											
ANNUAL MEAN:				9.22								
ANNUAL MAX:												17.1

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61104) Wind Direction - Resultant

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												330.0
16												314.0
17												312.0
18												330.0
19												338.0
20												323.0
21												344.0
22												344.0
23												357.0
24												345.0
25												339.0
26												289.0
27												331.0
28												331.0
29												313.0
30												342.0
31												334.0
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												357.0
MEAN:												330.35
ANNUAL OBSERVATIONS:	17		ANNUAL MEAN:	330.35		ANNUAL MAX:	357.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (021) INSTRUMENTAL ARITH STD DEV LEVEL 1
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												31.0
16												82.0
17												72.0
18												76.0
19												81.0
20												80.0
21												81.0
22												58.0
23												82.0
24												81.0
25												90.0
26												85.0
27												81.0
28												82.0
29												88.0
30												79.0
31												75.0
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												90.0
MEAN:												76.71
ANNUAL OBSERVATIONS:	17		ANNUAL MEAN:	76.71		ANNUAL MAX:	90.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												29
16												34
17												35
18												35
19												46
20												37
21												36
22												28
23												34
24												38
25												39
26												41
27												38
28												42
29												45
30												51
31												50
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												51.
MEAN:												38.7
ANNUAL OBSERVATIONS:	17											
ANNUAL MEAN:				38.7								
ANNUAL MAX:												51.

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62106) Temperature Difference

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (041) Instrumental Electronic or machine
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Temp Difference, Centigrade
 MIN DETECTABLE: -100

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												.6
16												1.8
17												1.6
18												1.1
19												1.1
20												1.5
21												1.1
22												1.4
23												1.9
24												1.8
25												1.5
26												1.8
27												1.6
28												1.3
29												2.0
30												2.2
31												1.2
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												2.2
MEAN:												1.50
ANNUAL OBSERVATIONS:	17											
ANNUAL MEAN:	1.50											
ANNUAL MAX:	2.2											

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												92
16												79
17												70
18												99
19												93
20												69
21												74
22												66
23												50
24												51
25												55
26												66
27												60
28												58
29												73
30												74
31												56
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												99.
MEAN:												69.7
ANNUAL OBSERVATIONS:	17											
ANNUAL MEAN:	69.7											
ANNUAL MAX:	99.											

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												.42
16												.78
17												.76
18												.36
19												.73
20												.77
21												.78
22												.63
23												.77
24												.79
25												.77
26												.75
27												.77
28												.74
29												.73
30												.76
31												.75
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												.79
MEAN:												.709
ANNUAL OBSERVATIONS:	17		ANNUAL MEAN:	.709		ANNUAL MAX:	.79					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(65102) Rain/melt precipitation

SITE ID: 49-017-0004 POC: 1
 COUNTY: (017) Garfield
 CITY: (23750) Escalante
 SITE ADDRESS: Escalante National Monument - Visitor Center
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.7755560009
 LONGITUDE: -111.614722
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1789
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) BUCKET CONTINUOUS OR INCREMENTAL
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												.00
16												.00
17												.00
18												.00
19												.00
20												.00
21												.00
22												.00
23												.00
24												.00
25												.00
26												.00
27												.00
28												.00
29												.00
30												.00
31												.00
NO.:	0	0	0	0	0	0	0	0	0	0	0	17
MAX:												0.00
MEAN:												0.000
ANNUAL OBSERVATIONS:	17											
ANNUAL MEAN:	0.000											
ANNUAL MAX:	0.00											

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-035-0003 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: 5715 S. 1400 E., SALT LAKE CITY
 SITE COMMENTS: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD
 MONITOR COMMENTS: THIS SITE REPLACES NO2-NOX MONITORING AT 49-035-3001.

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10102-43-9
 LATITUDE: 40.646667
 LONGITUDE: -111.849722
 UTM ZONE: 12
 UTM NORTHING: 4499650
 UTM EASTING: 428153
 ELEVATION-MSL: 1335
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	109.0	4.0	98.0	83.0	33.0	16.0	12.0	9.0	25.0			
2	91.0	42.0	32.0	19.0	63.0	1.0	8.0	33.0	37.0			
3	46.0	83.0	33.0	9.0	13.0	19.0	5.0	19.0	19.0			
4	79.0	23.0	38.0	47.0	62.0	27.0	4.0	30.0	9.0			
5	160.0	21.0	33.0	30.0	93.0	7.0	17.0	14.0	10.0			
6	188.0	36.0	11.0	9.0	38.0	17.0	7.0	28.0	33.0			
7	80.0	28.0	14.0	2.0	14.0	11.0	21.0	8.0	30.0			
8	65.0	13.0	27.0	8.0	5.0	17.0	3.0	30.0	37.0			
9	44.0	39.0	53.0	2.0	4.0	6.0	4.0	16.0				
10	101.0	97.0	90.0	2.0	9.0	16.0	3.0	30.0				
11	189.0	168.0	3.0	31.0	20.0	5.0	15.0	14.0				
12	126.0	107.0	3.0	24.0	55.0	4.0	14.0	26.0				
13	142.0	77.0	30.0	40.0	64.0	8.0	6.0	14.0				
14	134.0	81.0	52.0	13.0	13.0	14.0	9.0	6.0				
15	169.0	88.0	85.0	85.0	12.0	16.0	13.0	20.0				
16	89.0	.0	.0	10.0	6.0	3.0	12.0	16.0				
17	44.0	53.0	19.0	4.0	7.0	15.0	7.0	31.0				
18	117.0	16.0	98.0	9.0	5.0	8.0	11.0	51.0				
19	23.0	9.0	.0	11.0	4.0	4.0	4.0	37.0				
20	121.0	4.0	3.0	60.0	22.0	22.0	18.0	11.0				
21	86.0	38.0	1.0	75.0	16.0	7.0	7.0	11.0				
22	16.0	45.0	7.0	20.0	22.0	22.0	3.0	35.0				
23	54.0	42.0	93.0	25.0		9.0	11.0	43.0				
24	178.0	54.0	.0	44.0	2.0	36.0	5.0					
25	59.0	4.0	7.0	5.0	36.0	6.0	7.0					
26	95.0	4.0	67.0	5.0	2.0	5.0	6.0					
27	154.0	15.0	5.0	23.0	14.0	24.0	16.0					
28	40.0	57.0	8.0	62.0	3.0	12.0	11.0					
29	19.0		75.0	3.0	1.0	3.0	27.0					
30	26.0		15.0	13.0	1.0	14.0	13.0	17.0				
31	15.0		49.0		45.0		11.0	9.0				
NO.:	31	28	31	30	26	30	31	25	8	0	0	0
MAX:	189.0	168.0	98.0	85.0	93.0	36.0	27.0	51.0	37.0			
MEAN:	92.23	44.57	33.84	25.77	23.85	12.77	10.00	22.32	25.00			
ANNUAL OBSERVATIONS:	240		ANNUAL MEAN:	33.33	ANNUAL MAX:	189.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-035-0003 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: 5715 S. 1400 E., SALT LAKE CITY
 SITE COMMENTS: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD
 MONITOR COMMENTS: THIS SITE REPLACES NO2-NOX MONITORING AT 49-035-3001.

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 11104-93-1
 LATITUDE: 40.646667
 LONGITUDE: -111.849722
 UTM ZONE: 12
 UTM NORTHING: 4499650
 UTM EASTING: 428153
 ELEVATION-MSL: 1335
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	157.0	15.0	147.0	118.0	67.0	45.0	37.0	26.0	47.0			
2	138.0	85.0	74.0	51.0	99.0	21.0	34.0	60.0	58.0			
3	97.0	127.0	66.0	44.0	44.0	45.0	28.0	37.0	37.0			
4	135.0	67.0	72.0	84.0	97.0	56.0	18.0	55.0	34.0			
5	223.0	57.0	76.0	65.0	134.0	40.0	50.0	38.0	30.0			
6	248.0	74.0	47.0	42.0	72.0	39.0	27.0	52.0	59.0			
7	142.0	62.0	45.0	36.0	32.0	32.0	54.0	36.0	53.0			
8	122.0	53.0	66.0	36.0	13.0	40.0	20.0	59.0	58.0			
9	85.0	87.0	88.0	22.0	17.0	25.0	21.0	41.0				
10	151.0	137.0	132.0	25.0	32.0	40.0	13.0	56.0				
11	245.0	215.0	36.0	60.0	44.0	30.0	24.0	39.0				
12	191.0	151.0	38.0	48.0	84.0	20.0	38.0	52.0				
13	185.0	118.0	55.0	63.0	86.0	30.0	24.0	40.0				
14	173.0	115.0	94.0	39.0	31.0	32.0	29.0	16.0				
15	207.0	133.0	121.0	131.0	26.0	40.0	37.0	38.0				
16	134.0	9.0	8.0	46.0	13.0	17.0	33.0	43.0				
17	73.0	97.0	62.0	23.0	30.0	35.0	24.0	62.0				
18	156.0	59.0	146.0	32.0	23.0	32.0	40.0	79.0				
19	59.0	43.0	16.0	39.0	17.0	17.0	23.0	67.0				
20	157.0	39.0	19.0	88.0	32.0	32.0	44.0	41.0				
21	124.0	75.0	19.0	96.0	34.0	34.0	40.0					
22	50.0	89.0	39.0	53.0		48.0	28.0	66.0				
23	89.0	82.0	135.0	57.0		31.0	32.0	75.0				
24	221.0	94.0	26.0	71.0	16.0	61.0	27.0					
25	108.0	21.0	43.0	19.0	62.0	28.0	31.0					
26	130.0	16.0	109.0	23.0	24.0	20.0	22.0					
27	192.0	58.0	19.0	56.0	40.0	49.0	33.0					
28	70.0	99.0	43.0	98.0	18.0	34.0	39.0					
29	46.0		117.0	15.0	15.0	23.0	55.0					
30	59.0		44.0	35.0	24.0	39.0	40.0	23.0				
31	43.0		80.0		73.0		22.0	34.0				
NO.:	31	28	31	30	26	30	31	25	8	0	0	0
MAX:	248.0	215.0	147.0	131.0	134.0	61.0	55.0	79.0	59.0			
MEAN:	135.81	81.32	67.16	53.83	46.77	34.50	31.65	47.00	47.00			
ANNUAL OBSERVATIONS:		240		ANNUAL MEAN:	62.36	ANNUAL MAX:	248.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-0003 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: 5715 S. 1400 E., SALT LAKE CITY
 SITE COMMENTS: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.646667
 LONGITUDE: -111.849722
 UTM ZONE: 12
 UTM NORTHING: 4499650
 UTM EASTING: 428153
 ELEVATION-MSL: 1335
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Knots

MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.0	16.5	9.9	5.1	10.8	9.5	6.3	5.6	8.4			
2	4.7	11.3	7.7	10.5	4.9	8.9	5.6	5.0	5.7			
3	5.6	6.9	7.6	5.5	9.7	6.7	8.0	8.9	5.9			
4	4.4	3.6	4.7	9.1	7.6	7.6	4.8	6.9	3.3			
5	4.3	8.3	8.3	10.0	8.9	6.6	8.8	9.8	6.5			
6	5.6	6.7	7.1	12.2	8.4	11.7	5.6	6.2	9.2			
7	5.4	14.4	6.2	9.6	8.6	6.9	5.9	7.9	6.9			
8	3.9	11.5	3.0	5.6	10.5	11.1	3.6	4.2	6.0			
9	6.3	5.6	3.7	6.7	7.3	11.7	9.1	6.6	3.5			
10	6.3	4.4	10.2	6.4	7.8	9.7	7.6	7.4	5.4			
11	3.5	3.9	7.4	8.1	7.6	7.3	8.5	7.1	7.1			
12	4.4	3.3	7.1	7.6	5.5	6.4	5.6	5.6	8.1			
13	5.9	4.2	7.6	13.5	7.4	8.6	6.8	7.1	4.7			
14	5.7	12.0	6.9	7.4	8.9	5.3	6.1	9.2	7.2			
15	4.0	13.5	6.3	8.5	12.9	6.6	6.9	9.3	4.1			
16	3.8	15.5	11.0	5.3	8.5	12.6	7.8	5.6	8.4			
17	5.6	6.3	3.8	7.1	6.8	8.2	5.6	6.3	3.8			
18	5.6	9.5	10.0	6.6	5.4	6.9	6.2	5.6	3.9			
19	9.6	9.0	11.5	6.7	5.7	6.9	6.6	4.7	4.1			
20	5.9	6.9	9.1	7.3	6.2	6.3	6.0	9.6	5.6			
21	5.2	7.8	13.9	11.8	7.2	4.6	9.4	5.4	4.9			
22	7.0	10.4	9.9	7.6	6.7	4.4	6.8	5.6	4.0			
23	6.3	7.6	10.4	5.3	8.3	6.8	5.1	6.1	3.7			
24	3.4	7.7	9.9	5.6	8.0	6.8	5.4	6.2	2.9			
25	4.2	11.5	9.0	6.3	10.4	8.3	7.2	9.8	5.0			
26	4.2	9.9	9.9	13.5	10.9	7.4	7.7	6.3	5.4			
27	6.3	6.5	9.9	6.9	6.7	4.3	4.9	7.8	3.6			
28	6.5	11.9	11.4	12.2	10.6	8.2	4.3	9.4	4.5			
29	5.5		8.3	14.5	7.1	7.5	3.8	5.0	5.7			
30	6.0		4.0	6.9	7.5	7.6	9.0	5.5	3.6			
31	8.1		6.4		6.9		7.0	9.6				
NO.:	31	28	31	30	31	30	31	31	30	0	0	0
MAX:	9.6	16.5	13.9	14.5	12.9	12.6	9.4	9.8	9.2			
MEAN:	5.39	8.81	8.13	8.31	8.05	7.71	6.52	6.95	5.37			
ANNUAL OBSERVATIONS:		273		ANNUAL MEAN:	7.23		ANNUAL MAX:	16.5				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-0003 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: 5715 S. 1400 E., SALT LAKE CITY
 SITE COMMENTS: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.646667
 LONGITUDE: -111.849722
 UTM ZONE: 12
 UTM NORTHING: 4499650
 UTM EASTING: 428153
 ELEVATION-MSL: 1335
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	284	358	346	359	359	359	329	354	357			
2	353	316	237	351	291	350	340	351	360			
3	356	342	352	356	354	355	248	351	359			
4	337	340	353	349	353	313	327	334	337			
5	355	351	277	343	308	304	345	356	346			
6	329	343	343	353	357	306	351	283	357			
7	316	351	359	360	357	349	353	326	321			
8	359	352	358	356	355	354	351	338	329			
9	356	342	318	356	355	358	320	353	333			
10	303	355	359	355	341	323	346	344	306			
11	316	262	350	279	359	356	338	355	212			
12	358	340	357	358	351	337	337	353	332			
13	358	348	343	349	342	357	349	348	351			
14	346	309	359	356	349	356	229	313	333			
15	356	256	358	273	340	359	346	339	328			
16	355	357	360	359	358	359	313	329	353			
17	358	211	359	351	351	342	331	351	348			
18	267	276	351	360	352	343	286	353	346			
19	349	359	357	342	358	346	292	348	320			
20	291	349	322	360	357	356	355	204	356			
21	337	321	230	339	350	358	355	350	355			
22	355	356	328	346	356	274	348	358	360			
23	310	339	265	355	353	355	339	353	355			
24	327	349	340	343	351	357	356	347	346			
25	353	239	355	358	250	344	360	275	302			
26	357	338	353	354	356	355	351	329	337			
27	355	350	314	353	325	340	349	333	357			
28	358	355	352	301	350	248	351	305	355			
29	342		351	347	345	320	357	326	309			
30	350		310	357	304	359	350	272	292			
31	360		346		286		344	337				
NO.:	31	28	31	30	31	30	31	31	30	0	0	0
MAX:	360.	359.	360.	360.	359.	359.	360.	358.	360.			
MEAN:	338.9	327.3	334.3	345.9	341.1	339.7	333.7	331.2	335.1			
ANNUAL OBSERVATIONS:	273		ANNUAL MEAN:	336.4		ANNUAL MAX:	360.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-0012 POC: 2
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1795 N WARM SPRINGS RD (1025 W) SLC UTAH
 SITE COMMENTS:
 MONITOR COMMENTS: SHORT TOWER INSTALLED DUE TO OVERHEAD POWER LINES

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: INDUSTRIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.8075
 LONGITUDE: -111.921111
 UTM ZONE: 12
 UTM NORTHING: 4517585
 UTM EASTING: 422312
 ELEVATION-MSL: 1286
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.5	12.5	6.4	5.4	10.5	13.0	8.8	7.3	11.3	9.9	12.5	12.9
2	4.0	5.6	9.7	14.1	6.3	13.4	8.4	8.9	9.5	8.6	6.3	7.6
3	5.6	6.5	11.1	10.9	12.2	8.9	9.4	11.5	7.7	8.9	13.3	10.3
4	4.8	5.6	4.9	10.8	7.6	7.4	11.2	9.0	7.2	10.1	13.1	6.7
5	4.2	7.7	10.2	16.9	6.3	11.3	11.3	10.5	9.8	12.2	9.2	6.8
6	4.8	6.3	8.9	14.2	10.3	13.6	7.6	7.8	9.6	7.3	6.9	6.1
7	4.5	20.0	8.0	15.7	9.8	7.6	9.6	7.4	9.7	6.3	10.2	3.9
8	5.9	7.5	7.3	10.1	12.2	14.8	6.3	7.1	8.4	6.5	6.1	5.7
9	6.3	5.3	7.2	7.3	9.6	13.9	12.7	8.2	8.2	5.6	5.5	6.1
10	5.9	4.6	13.5	7.0	7.9	12.6	11.2	9.0	11.9	9.3	5.4	5.1
11	6.3	6.8	8.4	7.6	9.0	9.5	10.9	9.2	11.8	6.7	8.1	5.6
12	6.0	8.7	8.7	7.6	6.1	10.5	7.9	8.0	7.1	5.8	13.0	5.7
13	8.8	7.9	8.1	17.7	9.3	10.9	10.6	12.6	6.7	5.2	6.3	6.1
14	5.2	11.4	8.2	8.6	13.0	6.9	11.3	12.2	8.3	4.2	8.2	5.5
15	6.3	11.5	9.6	6.8	16.8	9.8	8.9	11.4	6.3	6.9	6.2	6.8
16	7.5	19.6	15.3	8.7	11.3	17.0	10.2	8.6	9.6	12.4	5.8	5.6
17	9.1	8.9	6.7	9.8	7.5	9.1	10.8	8.0	7.6	7.4	10.2	5.7
18	9.2	12.4	10.8	10.0	6.0	11.5	8.6	8.0	6.2	6.7	14.8	8.9
19	12.6	10.2	12.4	10.4	5.3	10.2	11.2	6.7	6.9	6.9	6.6	5.8
20	5.0	11.7	14.1	5.8	10.2	7.2	7.9	9.6	7.4	7.0	5.5	6.0
21	6.0	5.6	17.0	13.2	6.8	6.2	9.4	8.4	7.0	5.7	6.7	9.6
22	9.1	11.2	9.4	7.2	7.8	4.9	8.0	8.3	6.9	5.0	8.4	10.1
23	7.2	9.3	10.6	6.2	9.6	10.2	7.5	8.5	5.8	5.1	11.3	6.5
24	5.9	8.7	14.8	5.0	8.2	7.7	7.6	8.5	4.5	9.9	12.5	4.8
25	6.5	16.7	10.6	11.1	13.3	9.2	11.5	10.0	7.1	7.6	15.1	6.8
26	4.0	10.4	8.9	11.8	14.4	9.1	9.9	10.4	7.2	12.2	5.2	5.6
27	4.4	8.6	7.6	6.7	6.1	6.1	8.6	10.6	7.4	7.3	5.4	4.3
28	6.3	10.1	12.9	14.3	12.0	14.5	7.2	14.2	7.6	6.6	6.3	7.4
29	7.6		9.0	12.4	9.0	11.7	8.9	9.0	7.2	5.2	7.4	6.9
30	6.8		7.8	7.8	7.3	7.1	10.1	12.1	5.7	6.3	9.6	17.0
31	10.8		7.0		11.3		7.0	13.0		8.1		13.9
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	12.6	20.0	17.0	17.7	16.8	17.0	12.7	14.2	11.9	12.4	15.1	17.0
MEAN:	6.55	9.69	9.84	10.04	9.45	10.19	9.37	9.48	7.92	7.51	8.70	7.28
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	8.83	ANNUAL MAX:	20.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-0012 POC: 2
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1795 N WARM SPRINGS RD (1025 W) SLC UTAH
 SITE COMMENTS:
 MONITOR COMMENTS: SHORT TOWER INSTALLED DUE TO OVERHEAD POWER LINES

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: INDUSTRIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.8075
 LONGITUDE: -111.921111
 UTM ZONE: 12
 UTM NORTHING: 4517585
 UTM EASTING: 422312
 ELEVATION-MSL: 1286
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	347	357	357	339	336	179	350	355	350	190	359	360
2	327	355	323	346	358	343	332	354	348	179	340	359
3	342	329	357	353	358	337	332	332	332	187	335	352
4	357	331	347	184	348	354	338	204	353	357	359	347
5	344	339	346	340	328	190	338	359	358	312	353	353
6	357	357	352	182	354	359	344	343	355	359	353	339
7	317	354	333	357	349	351	347	350	355	181	343	330
8	334	351	330	353	357	358	340	345	356	352	347	336
9	358	352	186	344	345	351	344	357	356	354	320	340
10	236	339	195	352	346	359	341	357	336	351	351	347
11	322	328	347	345	356	355	339	359	200	357	327	337
12	331	187	359	356	351	358	190	340	352	356	359	320
13	340	349	315	357	357	350	179	342	350	351	355	355
14	348	171	332	353	343	351	186	355	344	320	346	352
15	342	172	353	294	344	352	331	351	318	345	350	359
16	300	316	352	350	355	348	202	336	351	358	347	345
17	353	183	358	359	339	359	214	357	356	355	159	332
18	174	173	288	359	341	351	192	358	348	341	339	349
19	360	228	360	357	350	357	343	360	355	359	352	357
20	343	356	260	304	327	337	358	347	359	352	335	357
21	343	352	345	347	332	354	357	358	351	359	348	348
22	360	350	343	359	353	321	357	340	354	355	185	347
23	184	353	191	351	264	360	337	351	336	340	240	359
24	330	351	327	335	360	345	354	338	343	357	168	327
25	354	321	350	359	182	354	333	181	358	349	359	356
26	350	349	193	358	354	345	182	333	328	349	325	340
27	320	346	352	350	331	348	359	342	352	335	333	332
28	338	333	351	351	344	183	347	337	359	339	321	334
29	348		347	355	353	209	337	336	352	327	352	352
30	338		287	354	346	348	346	330	358	356	350	326
31	358		357		181		350	319		351		347
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	357.	360.	359.	360.	360.	359.	360.	359.	359.	359.	360.
MEAN:	327.6	310.1	319.1	336.8	333.6	328.9	309.6	336.3	344.1	326.9	323.7	345.0
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	328.6	ANNUAL MAX:	360.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-1001 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (47290) Magna
 SITE ADDRESS: 2935 SOUTH 8560 WEST MAGNA,UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.708611
 LONGITUDE: -112.094722
 UTM ZONE: 12
 UTM NORTHING: 4506792
 UTM EASTING: 407529
 ELEVATION-MSL: 1317
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	5.9	15.8	9.4	9.1	10.5	18.7	6.9	6.1	9.8	15.4	12.9	14.9
2	6.5	9.3	12.0	16.8	11.4	14.9	6.6	9.1	6.9	13.4	6.5	8.4
3	5.3	7.9	10.6	8.9	13.4	7.2	14.7	16.7	5.8	15.3	19.0	10.1
4	4.7	5.9	8.9	13.9	10.9	7.5	12.7	14.0	6.2	12.7	19.5	7.0
5	4.7	12.9	16.8	18.9	8.7	14.8	14.5	13.2	8.9	16.5	7.7	9.8
6	5.2	9.1	11.9	17.6	9.3	15.0	12.2	12.3	8.2	10.3	10.1	5.1
7	5.9	19.0	17.8	23.1	10.5	7.2	10.2	12.7	7.9	8.0	9.1	5.3
8	7.2	9.3	9.6	9.8	10.9	13.9	7.6	5.3	7.6	8.6	6.5	7.4
9	7.9	6.0	13.7	11.6	11.6	12.5	16.3	11.0	9.2	6.1	5.4	6.6
10	8.2	3.7	21.8	10.6	7.5	9.3	14.3	8.1	12.5	14.2	7.8	6.4
11	5.2	5.6	6.6	12.5	11.4	8.9	16.2	7.6	20.2	8.9	11.3	6.9
12	6.5	9.9	8.8	9.3	6.2	8.7	11.6	6.0	12.7	4.6	16.9	7.0
13	9.6	14.0	12.8	22.3	9.1	8.9	14.2	16.9	5.6	7.0	10.2	6.2
14	7.0	17.1	10.3	14.0	14.3	6.3	15.3	16.2	11.9	3.6	11.5	5.7
15	7.0	19.2	10.2	10.0	24.7	7.6	13.9	14.6	10.9	6.5	7.3	4.8
16	10.0	24.8	18.3	10.9	9.6	16.8	14.6	7.3	12.0	10.4	6.0	5.3
17	11.9	11.4	7.2	12.6	10.3	6.9	17.5	6.6	8.1	9.6	14.6	5.3
18	12.6	17.6	17.2	6.9	10.4	9.3	14.3	10.1	5.6	6.0	14.8	6.7
19	10.6	14.5	18.9	8.8	7.8	9.8	16.2	8.0	8.5	8.4	10.2	8.3
20	5.6	9.1	17.9	8.6	12.9	7.5	6.4	16.3	6.8	6.4	4.5	5.4
21	6.5	9.5	21.4	24.3	11.6	5.7	8.2	12.9	7.1	5.3	6.8	11.8
22	11.7	16.3	11.5	9.0	12.7	6.7	15.3	13.2	6.4	5.5	14.0	11.0
23	11.9	7.3	15.6	7.3	14.2	8.7	6.9	8.1	6.7	5.6	15.5	6.1
24	5.5	9.1	18.8	6.6	10.2	9.1	8.4	13.0	7.2	7.6	18.9	5.8
25	6.4	22.9	13.4	10.4	14.8	9.4	14.5	17.0	9.5	8.4	16.7	6.8
26	4.3	10.2	15.0	17.9	15.0	10.4	14.6	15.3	10.2	10.5	4.3	6.8
27	7.1	10.0	14.4	9.1	8.9	7.1	14.1	14.2	6.9	5.8	7.7	5.5
28	7.3	17.8	14.5	19.1	9.2	18.3	10.5	14.8	5.7	6.7	5.6	5.6
29	7.6		10.6	15.0	8.2	21.1	6.9	14.1	5.6	4.8	9.7	8.6
30	7.6		11.9	10.2	10.1	10.8	11.1	15.0	7.6	4.9	12.9	20.1
31	10.9		8.8		17.0		10.3	14.9		9.2		13.2
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	12.6	24.8	21.8	24.3	24.7	21.1	17.5	17.0	20.2	16.5	19.5	20.1
MEAN:	7.56	12.33	13.44	12.84	11.44	10.63	12.16	11.95	8.61	8.59	10.80	7.87
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	10.67	ANNUAL MAX:	24.8						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-1001 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (47290) Magna
 SITE ADDRESS: 2935 SOUTH 8560 WEST MAGNA,UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.708611
 LONGITUDE: -112.094722
 UTM ZONE: 12
 UTM NORTHING: 4506792
 UTM EASTING: 407529
 ELEVATION-MSL: 1317
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	349	347	355	356	349	225	347	357	333	194	350	341
2	354	350	353	350	346	340	351	347	333	210	326	359
3	344	344	358	344	359	351	256	352	332	198	332	342
4	359	350	358	201	344	350	246	196	332	324	332	349
5	350	333	332	351	358	316	355	352	354	310	355	325
6	350	331	352	226	353	342	346	298	344	325	292	328
7	336	355	330	344	353	345	352	359	356	353	343	334
8	358	354	352	353	352	357	328	336	327	357	340	344
9	327	352	330	359	352	358	330	358	356	337	354	339
10	306	357	306	324	341	346	337	331	319	344	337	356
11	344	331	353	341	360	327	178	360	337	315	350	338
12	359	338	355	349	358	353	189	345	340	352	357	357
13	341	349	276	327	328	353	211	320	352	335	359	351
14	357	295	313	341	326	344	232	309	340	345	330	349
15	347	230	346	325	350	347	235	346	344	359	339	349
16	338	332	331	355	358	351	225	339	325	337	359	358
17	355	222	315	357	327	356	354	351	345	340	320	340
18	317	200	183	346	337	358	180	357	342	347	354	333
19	329	347	338	358	356	351	306	323	350	351	319	349
20	359	328	187	336	355	359	356	330	358	344	359	354
21	356	348	224	347	354	355	356	322	346	357	329	355
22	345	347	334	348	343	282	355	346	357	342	353	333
23	345	353	309	354	328	340	343	360	347	350	337	352
24	359	359	196	358	359	351	353	350	345	355	231	353
25	338	303	350	354	214	334	338	180	359	360	345	349
26	357	349	200	340	357	350	195	357	329	343	355	358
27	357	355	353	355	355	349	344	333	331	330	360	327
28	333	309	328	321	358	236	346	325	357	349	355	350
29	344		346	358	344	214	333	349	347	317	347	350
30	360		255	337	300	335	353	325	351	353	340	294
31	353		360		191		338	344		325		338
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	359.	360.	359.	360.	359.	356.	360.	359.	360.	360.	359.
MEAN:	346.0	327.4	312.2	337.2	337.6	332.5	302.2	330.9	342.9	327.7	338.6	343.7
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	331.5		ANNUAL MAX:	360.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-2004 POC: 1
 COUNTY: (035) Salt Lake STATE: (49) Utah
 CITY: (00000) Not in a city AQCR: (220) WASATCH FRONT
 SITE ADDRESS: 12100 W 1200 S, LAKEPOINT, UTAH URBANIZED AREA: (7159) SALT LAKE CITY, UT
 SITE COMMENTS: LOCATED AT GREAT SALT LAKE MARINA, NW SIDE OF I-80 TRAILER MOVED ACROSS PARKING LOT LAND USE: INDUSTRIAL
 MONITOR COMMENTS: LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -112.210278
 UTM ZONE: 12
 UTM NORTHING: 4509978
 UTM EASTING: 397806
 ELEVATION-MSL: 1284
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

REPORT FOR: 2011

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE

UNITS: Knots

PQAO: (1113) Utah Department Of Environmental Quality

MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.6	23.6	5.1	9.1	6.9	16.4	9.4	16.8	7.7	13.9	21.7	28.0
2	5.5	6.9	9.6	20.1	10.9	17.9	6.6	14.2	12.1	10.2	12.9	11.9
3	6.3	5.6	10.2	15.9	20.2	10.0	13.5	11.4	6.5	17.2	8.6	12.2
4	6.3	6.2	8.3	9.6	14.4	5.6	13.7	19.5	6.3	13.4	21.6	9.6
5	3.4	16.4	10.3	14.2	7.4	10.0	10.5	14.8	11.4	23.3	15.2	10.6
6	4.9	10.2	8.7	12.9	9.7	26.1	7.1	9.8	13.8	19.8	6.1	5.1
7	5.6	23.0	20.4	19.9	8.3	9.4	17.0	11.9	13.6	8.8	11.4	3.6
8	6.9	11.0	16.3	15.6	16.3	32.3	12.6	9.5	14.0	11.9	6.2	5.7
9	9.1	6.1	5.6	15.0	19.4	17.0	18.3	9.0	10.3	5.6	4.6	3.6
10	6.9	7.6	21.2	15.5	7.4	15.4	17.2	7.6	17.8	14.2	5.7	4.2
11	6.0	7.1	9.6	10.5	9.5	13.8	13.2	7.6	13.5	10.2	4.4	5.4
12	5.3	6.5	12.3	8.4	6.9	12.6	13.4	8.6	8.4	9.3	26.4	6.3
13	7.4	5.2	8.1	29.1	5.7	13.3	18.6	13.7	7.8	8.2	12.8	7.2
14	4.7	5.8	10.2	22.8	15.8	9.4	14.9	26.1	8.9	8.7	11.2	6.8
15	4.3	6.6	8.2	9.0	22.2	18.6	12.1	18.3	6.7	6.0	10.9	6.9
16	3.9	24.3	20.3	8.6	13.8	23.6	16.0	7.7	15.5	14.2	9.9	6.1
17	15.0	13.4	9.8	13.3	12.8	7.9	21.7	6.9	13.8	17.3	17.6	4.5
18	9.5	15.9	14.8	10.3	15.0	15.9	13.8	7.7	8.6	6.6	16.1	7.3
19	18.0	13.9	21.9	14.6	13.1	15.7	12.9	10.7	6.1	4.9	15.1	7.5
20	8.3	14.4	13.7	16.8	16.2	8.6	10.5	27.4	6.6	5.6	8.2	6.0
21	8.1	7.8	22.8	30.9	8.1	8.6	10.8	11.7	5.6	5.4	9.7	14.7
22	13.9	13.5	16.7	9.5	13.2	13.2	9.6	9.9	7.8	5.6	7.0	10.3
23	7.5	7.4	19.1	7.7	17.3	9.6	11.8	7.6	6.3	4.9	6.4	6.2
24	6.9	7.8	14.8	10.1	18.4	12.8	6.7	14.1	10.8	7.5	17.5	3.6
25	6.1	21.4	18.8	18.2	11.1	15.1	16.0	17.4	8.5	11.4	27.2	4.6
26	4.9	8.2	9.7	22.9	26.2	14.6	15.5	15.9	14.6	14.0	8.2	4.6
27	8.0	9.5	16.3	11.3	15.5	9.4	8.3	15.4	9.0	5.4	3.9	5.9
28	5.1	6.4	20.6	22.4	11.1	12.1	8.9	15.2	6.3	9.0	7.7	4.4
29	5.2		7.4	19.4	13.0	19.6	7.4	8.1	4.9	7.3	4.7	6.4
30	6.1		9.1	12.9	13.8	14.5	8.7	17.1	8.1		21.7	24.0
31	14.5		10.0		13.1		14.7	18.9		7.3		22.1
NO.:	31	28	31	30	31	30	31	31	30	30	30	31
MAX:	18.0	24.3	22.8	30.9	26.2	32.3	21.7	27.4	17.8	23.3	27.2	28.0
MEAN:	7.43	11.13	13.22	15.22	13.31	14.30	12.63	13.24	9.71	10.24	12.02	8.56
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	11.75	ANNUAL MAX:	32.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-2004 POC: 1
 COUNTY: (035) Salt Lake STATE: (49) Utah
 CITY: (00000) Not in a city AQCR: (220) WASATCH FRONT
 SITE ADDRESS: 12100 W 1200 S, LAKEPOINT, UTAH URBANIZED AREA: (7159) SALT LAKE CITY, UT
 SITE COMMENTS: LOCATED AT GREAT SALT LAKE MARINA, NW SIDE OF I-80 TRAILER MOVED ACROSS PARKING LOT LAND USE: INDUSTRIAL
 MONITOR COMMENTS: LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -112.210278
 UTM ZONE: 12
 UTM NORTHING: 4509978
 UTM EASTING: 397806
 ELEVATION-MSL: 1284
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	256	350	357	351	342	359	337	331	346	321	359	231
2	320	288	320	358	358	355	352	358	356	351	334	332
3	333	353	360	316	355	351	358	351	358	308	324	348
4	338	360	353	354	328	352	329	359	352	264	321	296
5	354	350	359	355	357	345	358	352	355	307	276	299
6	333	298	341	346	348	347	358	357	350	280	360	333
7	281	334	357	282	346	356	352	358	342	337	356	345
8	312	353	281	258	346	359	341	355	350	326	338	349
9	346	358	358	340	347	352	358	358	359	355	344	345
10	339	360	339	324	343	341	338	355	346	335	339	353
11	336	355	353	331	357	353	360	353	354	349	334	274
12	317	341	360	353	357	355	267	351	357	355	325	314
13	345	355	338	350	349	337	327	354	355	349	273	344
14	357	330	339	357	340	359	277	341	342	332	303	290
15	356	347	355	342	326	353	358	358	355	354	307	350
16	337	316	345	357	353	349	329	354	343	354	282	344
17	312	278	359	321	335	360	350	357	358	320	308	322
18	271	351	349	342	345	359	322	357	358	344	235	335
19	354	324	336	347	347	321	359	357	357	354	276	347
20	355	325	353	303	345	356	358	354	359	359	278	353
21	347	359	355	337	360	238	359	354	357	356	340	349
22	356	327	350	353	300	353	356	352	341	351	359	342
23	359	345	359	342	347	344	352	356	350	350	340	332
24	359	354	294	349	310	347	357	327	345	359	336	334
25	353	335	339	354	354	339	289	357	356	349	337	344
26	349	327	343	331	355	341	359	306	313	341	356	343
27	332	343	307	341	359	338	359	360	344	358	358	356
28	347	241	358	337	342	277	349	358	356	355	354	342
29	333		356	323	302	355	348	358	355	329	334	323
30	354		288	342	277	323	359	359	356		359	298
31	354		327		355		354	333		355		324
NO.:	31	28	31	30	31	30	31	31	30	30	30	31
MAX:	359.	360.	360.	358.	360.	360.	360.	360.	359.	359.	360.	356.
MEAN:	335.3	334.2	341.5	336.5	341.5	342.5	342.9	351.3	350.8	338.6	324.8	328.7
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	339.1		ANNUAL MAX:	360.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-035-2004 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: 12100 W 1200 S, LAKEPOINT, UTAH
 SITE COMMENTS: LOCATED AT GREAT SALT LAKE MARINA, NW SIDE OF I-80 TRAILER MOVED ACROSS PARKING L
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -112.210278
 UTM ZONE: 12
 UTM NORTHING: 4509978
 UTM EASTING: 397806
 ELEVATION-MSL: 1284
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Fahrenheit

MIN DETECTABLE: -60

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	26	26	47	68	56	79	80	80	83	83	52	40
2	27	21	49	73	58	69	91	83	78	81	46	36
3	30	29	46	42	59	59	96	85	79	81	53	35
4	30	33	46	50	55	72	91	88	82	73	61	32
5	30	44	56	65	65	87	83	87	78	63	38	27
6	26	40	47	60	70	81	82	88	78	49	45	31
7	25	53	41	58	70	69	82	87	79	47	42	33
8	24	34	42	41	62	68	84	87	79	56	42	36
9	28	35	53	40	46	65	87	87	78	59	42	39
10	30	37	67	50	50	69	82	87	75	62	46	36
11	24	45	50	55	60	71	87	88	79	67	42	32
12	27	46	47	54	70	69	88	86	78	62	54	35
13	30	50	58	64	75	73	89	91	76	67	51	32
14	36	55	56	46	68	74	89	90	79	70	57	30
15	35	55	58	59	78	81	88	87	77	74	47	28
16	38	57	67	62	51	65	92	82	69	65	42	29
17	55	45	46	62	53	69	94	88	71	60	61	30
18	44	53	58	52	49	76	91	87	74	61	58	26
19	49	46	57	50	56	61	94	87	80	63	39	28
20	36	40	51	55	60	72	83	92	78	63	37	29
21	42	41	55	59	67	77	85	91	78	69	43	33
22	44	44	47	47	62	85	86	91	83	64	48	32
23	39	38	53	49	64	89	82	90	78	66	51	33
24	38	39	51	53	63	83	93	96	80	70	59	33
25	36	50	47	54	75	80	86	94	80	56	49	34
26	37	30	46	47	75	81	85	93	78	48	40	35
27	33	36	47	54	60	87	84	92	80	53	42	33
28	32	41	44	67	58	95	87	85	80	51	40	35
29	32		45	45	47	90	90	86	78	56	42	51
30	32		55	49	60	85	84	89	82		41	64
31	36		66		77		82	92		59		39
NO.:	31	28	31	30	31	30	31	31	30	30	30	31
MAX:	55.	57.	67.	73.	78.	95.	96.	96.	83.	83.	61.	64.
MEAN:	33.9	41.5	51.5	54.3	61.9	76.0	87.0	88.3	78.2	63.3	47.0	34.4
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:		59.9	ANNUAL MAX:		96.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-3005 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: NO ADDRESS; NOT IN A CITY
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.807778
 LONGITUDE: -112.048056
 UTM ZONE: 12
 UTM NORTHING: 4517720
 UTM EASTING: 411600
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			6.8	9.1	12.2	17.0	8.5	8.7	10.2	16.3	18.5	21.4
2			11.4	18.1	9.3	13.9	7.6	10.9	7.8	15.5	7.7	7.6
3			13.3	13.3	17.6	8.3	13.4	14.2	6.3	15.3	15.6	16.2
4			7.1	12.9	8.3	7.7	11.5	16.5	6.7	12.3	19.9	6.9
5			16.4	19.8	8.2	16.8	18.3	11.3	9.9	18.7	9.3	7.3
6			10.5	19.5	10.7	19.6	12.9	9.9	8.2	9.6	10.0	5.6
7			13.9	24.4	9.1	8.9	14.2	12.6	9.6	7.8	11.6	5.4
8			9.6	10.9	14.4	20.1	12.2	7.6	7.7	7.1	6.2	6.0
9			11.7	10.0	14.8	16.1	18.4	9.1	10.1	6.4	5.6	5.7
10			21.4	10.5	7.6	15.2	14.0	10.1	17.1	14.8	5.0	6.8
11			11.3	14.2	12.5	9.1	17.5	10.2	21.7	10.5	7.5	5.4
12			12.0	10.1	8.5	14.2	14.0	7.5	10.9	6.0	20.3	7.3
13			11.2	27.1	7.4	12.7	16.8	17.4	8.9	8.8	8.7	4.5
14		12.8	8.7	16.4	17.5	7.4	16.1	12.1	11.6	9.2	7.8	5.7
15		17.5	9.3	8.9	25.4	14.2	15.5	13.5	13.5	9.5	6.5	5.1
16		18.0	19.3	8.0	14.0	18.9	15.7	8.0	14.0	18.7	5.8	5.6
17			9.0	11.5	10.7	8.3	14.5	7.3	8.8	8.6	18.5	6.2
18			17.1	12.9	12.3	13.8	15.5		8.1	6.5	18.8	6.0
19			20.3	12.6	8.4	11.5	17.4		8.8	8.0	11.7	7.8
20			19.9	10.2	10.9	7.0	9.5		6.9	6.1	7.6	4.3
21			22.2	26.0	10.6	9.5	9.0		7.6	7.8	6.7	11.3
22		18.0	11.4	10.4	12.0	8.9	12.0	13.4	8.0	5.1	13.3	15.4
23		9.6	14.8	5.9	16.6	10.9	8.5	9.2	7.4	7.6	11.5	5.6
24		11.6	20.1	7.2	13.5	14.1	8.8	8.0	7.7	12.2	14.7	5.5
25		24.5	13.3	13.6	19.7	11.6	17.7	18.6	9.3	11.1	20.3	5.3
26		8.9	14.8	17.9	21.1	9.6	16.3	13.1	7.7	15.2	7.1	5.1
27		12.9	13.7	9.3	7.6	9.4	12.2	16.4	7.7	6.2	7.1	5.2
28		18.4	16.7	21.1	11.8	19.0	10.9	17.2	7.0	6.4	4.6	4.4
29			12.2	17.2	11.5	18.8	8.8	13.1	6.3	5.9	5.5	8.7
30			9.5	9.4	13.5	9.9	11.6	12.6	9.5	5.8	15.3	23.7
31			9.6		18.0		11.4	18.0		9.5		19.5
NO.:	0	10	31	30	31	30	31	27	30	31	30	31
MAX:		24.5	22.2	27.1	25.4	20.1	18.4	18.6	21.7	18.7	20.3	23.7
MEAN:		15.22	13.50	13.95	12.76	12.75	13.25	12.09	9.50	9.95	10.96	8.27
ANNUAL OBSERVATIONS:		312	ANNUAL MEAN:	11.80	ANNUAL MAX:	27.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-3005 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: NO ADDRESS; NOT IN A CITY
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.807778
 LONGITUDE: -112.048056
 UTM ZONE: 12
 UTM NORTHING: 4517720
 UTM EASTING: 411600
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			351	326	360	189	352	344	351	186	359	356
2			356	347	355	345	356	347	353	202	355	355
3			357	353	357	359	199	303	359	209	349	355
4			359	170	355	358	202	181	349	348	341	348
5			339	345	339	306	360	358	358	277	358	315
6			351	182	344	309	355	358	349	312	326	347
7			360	335	358	359	359	357	348	303	358	308
8			356	357	358	360	349	320	350	344	352	316
9			161	359	360	358	330	328	353	357	348	334
10			343	279	360	354	255	357	196	348	349	359
11			344	347	338	356	188	354	172	346	340	355
12			339	352	350	355	177	352	355	358	346	357
13			259	342	344	346	185	358	356	358	358	356
14		168	355	336	294	345	176	312	359	272	351	355
15		194	346	343	349	353	350	351	356	346	356	359
16		183	334	350	359	355	223	356	341	349	356	357
17			360	358	354	355	360	166	313	340	209	339
18			300	355	267	349	169		345	351	351	344
19			359	358	345	357	345		316	351	353	359
20			180	349	359	345	343		349	271	358	354
21			239	347	323	358	358		354	354	356	352
22		352	314	358	301	169	356	167	168	360	204	349
23		353	168	341	284	343	358	355	192	216	328	345
24		346	353	292	332	354	353	353	160	359	225	358
25		310	357	359	179	346	345	178	343	355	356	352
26		358	193	346	358	359	176	324	355	356	352	350
27		351	309	354	355	355	351	338	177	359	353	351
28		345	354	333	356	202	356	238	358	360	349	337
29			356	351	349	345	348	356	347	245	346	358
30			266	343	343	355	352	289	328	358	360	312
31			338		172		351	323		356		357
NO.:	0	10	31	30	31	30	31	27	30	31	30	31
MAX:		358.	360.	359.	360.	360.	360.	358.	359.	360.	360.	359.
MEAN:		296.0	314.7	332.2	330.9	333.3	301.2	312.0	313.7	319.5	336.7	346.7
ANNUAL OBSERVATIONS:		312	ANNUAL MEAN:	323.3	ANNUAL MAX:	360.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-035-3005 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: NO ADDRESS; NOT IN A CITY
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.807778
 LONGITUDE: -112.048056
 UTM ZONE: 12
 UTM NORTHING: 4517720
 UTM EASTING: 411600
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			46.6	56.5	39.8	15.8	49.6	45.0	59.3	20.8	23.1	43.5
2			52.2	15.1	57.9	46.1	43.0	36.2	46.2	43.6	57.1	60.2
3			53.3	32.1	64.8	43.5	65.0	52.5	59.7	15.6	47.7	26.3
4			50.7	20.1	59.3	20.9	48.9	36.0	42.8	27.3	16.0	55.4
5			63.7	22.4	62.6	58.6	32.9	48.4	37.6	16.9	43.2	49.0
6			71.7	28.4	34.0	22.9	66.2	63.7	27.0	36.0	38.4	37.3
7			37.1	21.0	69.8	61.7	51.8	53.9	59.4	26.5	15.4	49.3
8			28.2	28.9	38.2	55.4	72.8	42.8	58.4	17.9	52.0	48.7
9			16.9	20.8	24.9	35.4	49.7	52.0	36.4	69.7	53.1	53.9
10			31.5	52.0	18.6	44.2	46.9	58.2	33.7	43.5	40.1	65.3
11			28.2	54.4	31.2	40.4	44.7	56.6	42.4	29.1	57.6	38.0
12			65.6	56.5	48.7	41.1	58.2	55.6	46.1	52.0	30.6	48.4
13			43.7	33.3	46.9	45.7	29.7	60.8	69.1	45.1	44.4	36.0
14		8.8	51.1	55.8	34.9	53.2	17.1	49.1	57.6	48.4	41.0	41.6
15		13.0	40.1	63.9	18.3	41.9	73.2	24.3	36.5	51.6	34.9	47.5
16		11.3	26.0	47.6	45.1	18.9	29.3	36.4	39.7	53.3	65.5	33.3
17			55.4	52.0	42.3	49.1	34.5	30.7	42.7	47.4	41.8	47.1
18			60.3	52.0	37.7	56.6	25.1		53.4	40.7	32.0	54.7
19			32.3	47.6	42.4	42.6	37.0		60.7	44.8	42.3	41.5
20			32.3	50.4	54.4	56.8	41.4		35.7	42.7	38.5	46.5
21			38.9	20.1	34.5	37.8	40.4		42.6	39.1	41.8	34.9
22		30.2	32.0	41.6	50.2	58.6	33.4	46.6	37.4	43.2	22.5	45.5
23		43.3	14.9	58.3	44.8	50.2	39.9	65.6	54.0	43.1	53.1	53.9
24		33.9	37.0	51.7	67.8	48.1	34.3	50.5	30.3	32.2	24.6	36.1
25		23.0	29.8	37.7	13.6	46.2	48.3	20.0	58.5	16.0	62.9	50.8
26		41.6	15.9	57.6	29.0	51.4	20.2	26.7	42.3	51.7	66.2	50.7
27		42.0	48.7	67.2	60.2	46.7	40.5	37.4	44.0	69.6	48.6	66.2
28		57.6	31.8	49.5	44.2	13.3	58.8	51.0	65.9	50.4	49.8	61.0
29			36.2	52.4	57.6	24.3	38.1	38.0	53.7	47.5	44.6	52.7
30			65.7	69.9	41.0	64.9	46.0	47.6	37.3	34.9	49.3	40.8
31			52.1		11.8		48.6	60.9		39.2		38.1
NO.:	0	10	31	30	31	30	31	27	30	31	30	31
MAX:		57.6	71.7	69.9	69.8	64.9	73.2	65.6	69.1	69.7	66.2	66.2
MEAN:		30.47	41.61	43.89	42.79	43.08	44.05	46.17	47.01	39.99	42.60	46.91
ANNUAL OBSERVATIONS:		312	ANNUAL MEAN:	43.35	ANNUAL MAX:	73.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-035-3005 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: NO ADDRESS; NOT IN A CITY
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.807778
 LONGITUDE: -112.048056
 UTM ZONE: 12
 UTM NORTHING: 4517720
 UTM EASTING: 411600
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			50	69	53	77	82	81	80	84	50	40
2			54	72	60	66	90	87	78	84	45	39
3			51	38	60	62	99	84	82	81	51	34
4			48	49	55	73	85	89	84	68	62	30
5			55	67	71	87	84	86	79	62	36	27
6			46	55	69	80	85	92	79	48	43	32
7			43	54	71	71	82	91	81	71	46	35
8			41	37	64	70	86	90	82	55	40	36
9			54	36	44	64	89	88	84	61	42	37
10			64	50	52	73	86	89	82	64	48	37
11			53	59	59	73	91	87	80	67	47	35
12			51	57	71	74	87	87	81	64	50	38
13			57	62	77	74	89	96	79	71	52	33
14		46	54	47	74	74	87	92	81	76	56	33
15		57	59	60	78	83	89	84	78	80	47	29
16		50	65	64	54	68	92	84	71	69	45	29
17			47	59	51	69	95	78	73	59	53	31
18			58	51	48	79	92		75	60	51	30
19			52	50	58	60	89		82	64	40	27
20			52	57	60	71	83		76	66	36	31
21			53	60	68	78	87		77	68	45	33
22		44	47	46	65	87	89	95	80	65	52	32
23		40	55	51	64	87	86	93	82	69	56	33
24		41	49	56	62	82	93	98	84	70	58	32
25		46	44	54	68	81	85	94	86	52	51	37
26		32	49	45	63	79	89	96	79	47	41	38
27		34	49	53	64	85	85	96	81	51	45	37
28		45	42	68	61	93	88	91	84	53	44	43
29			47	42	49	89	94	90	83	58	50	48
30			51	47	59	81	88	90	90	60	41	59
31			66		73		85	94		63		38
NO.:	0	10	31	30	31	30	31	27	30	31	30	31
MAX:		57.	66.	72.	78.	93.	99.	98.	90.	84.	62.	59.
MEAN:		43.5	51.8	53.8	62.1	76.3	88.1	89.7	80.4	64.0	47.3	35.3
ANNUAL OBSERVATIONS:		312	ANNUAL MEAN:	63.9	ANNUAL MAX:	99.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-035-3005 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: NO ADDRESS; NOT IN A CITY
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.807778
 LONGITUDE: -112.048056
 UTM ZONE: 12
 UTM NORTHING: 4517720
 UTM EASTING: 411600
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			81	64	65	33	67	86	56	37	84	57
2			78	85	61	68	74	79	57	46	73	81
3			83	87	69	74	40	78	63	53	69	77
4			81	75	66	74	43	65	61	77	83	76
5			66	83	58	58	66	57	54	84	86	59
6			86	80	62	61	74	59	65	84	78	72
7			87	87	63	71	82	59	58	83	81	75
8			87	88	85	78	81	45	76	87	77	77
9			74	86	86	76	65	38	61	84	78	80
10			55	81	83	67	68	61	57	82	78	82
11			71	76	81	75	67	52	58	78	81	83
12			79	77	71	75	62	63	70	71	85	85
13			84	84	61	67	55	50	61	74	87	84
14		32	81	84	55	86	52	68	62	78	67	84
15		30	83	63	51	64	39	79	64	74	57	83
16		31	82	73	63	60	49	68	81	82	72	80
17			62	75	82	69	40	64	83	84	56	82
18			50	87	83	58	48		73	78	86	80
19			79	84	87	87	51		64	74	86	80
20			85	82	84	86	59		62	74	83	81
21			56	79	71	67	70		62	73	86	82
22		72	83	63	84	60	55	44	53	71	86	79
23		80	66	70	83	53	61	49	59	73	76	72
24		77	67	76	85	65	56	55	56	60	53	74
25		85	85	78	73	64	57	38	50	64	67	77
26		85	74	80	66	70	57	43	60	64	62	80
27		71	86	75	79	76	59	63	67	66	78	82
28		82	84	62	83	37	57	78	53	66	78	79
29			74	79	84	46	57	78	65	60	82	64
30			67	85	84	62	52	56	52	72	86	60
31			64		64		87	48		75		59
NO.:	0	10	31	30	31	30	31	27	30	31	30	31
MAX:		85.	87.	88.	87.	87.	87.	86.	83.	87.	87.	85.
MEAN:		64.5	75.5	78.3	73.3	66.2	59.7	60.1	62.1	71.9	76.7	76.3
ANNUAL OBSERVATIONS:		312		ANNUAL MEAN:	69.9		ANNUAL MAX:	88.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-035-3005 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (00000) Not in a city
 SITE ADDRESS: NO ADDRESS; NOT IN A CITY
 SITE COMMENTS: MET ONLY SITE FOR MODELING
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.807778
 LONGITUDE: -112.048056
 UTM ZONE: 12
 UTM NORTHING: 4517720
 UTM EASTING: 411600
 ELEVATION-MSL: 1285
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.99	1.24	1.35	1.18	1.37	1.33	1.20	.89	.48	.66
2			.41	.56	1.35	1.40	1.37	1.30	1.23	1.09	.84	.68
3			.96	1.32	.96	1.37	1.39	1.13	1.25	1.04	.82	.65
4			1.03	1.13	1.33	1.32	.89	1.27	1.23	1.01	.86	.33
5			.71	1.49	1.38	1.40	.72	1.32	.63	.39	.59	.66
6			.34	1.16	1.26	1.22	1.24	1.34	1.14	.41	.78	.61
7			.42	.54	1.32	1.35	1.41	1.33	1.18	.18	.69	.63
8			1.09	.59	.63	1.36	1.33	1.32	1.17	.75	.78	.59
9			.70	.45	.41	1.48	1.36	1.33	1.21	1.02	.76	.60
10			1.05	1.34	1.06	1.37	1.36	1.30	1.17	.99	.74	.62
11			1.05	1.26	1.44	1.42	1.35	1.30	1.00	.63	.75	.58
12			.93	.98	1.37	1.43	1.34	1.31	1.17	.97	.11	.61
13			1.09	1.22	1.37	1.26	1.27	1.28	1.16	.96	.56	.15
14		.01	.66	1.34	1.23	1.40	1.39	1.26	1.17	.95	.71	.17
15		.83	.85	1.28	1.36	1.36	1.40	1.24	1.12	.83	.57	.29
16		.01	.50	1.34	1.26	1.42	1.40	1.27	.71	.72	.74	.26
17			.90	1.14	1.18	1.43	1.41	.71	.96	.95	.42	.44
18			.82	.46	.88	1.37	1.27		1.12	.94	.27	.41
19			.52	1.29	.99	.61	1.44		1.13	.91	.73	.27
20			.41	.92	.86	1.37	1.37		1.11	.89	.34	.22
21			.71	.99	1.39	1.41	1.35		1.11	.87	.41	.57
22		.54	1.23	1.35	1.33	1.39	1.37	1.22	1.13	.86	.69	.62
23		.93	1.17	.76	1.25	1.36	1.34	1.25	1.11	.88	.63	.61
24		.51	.90	1.24	1.44	1.38	1.35	1.26	1.12	.86	.52	.61
25		.91	.59	.96	1.36	1.36	.57	1.09	1.09	.49	.61	.60
26		.79	.87	1.08	.98	1.40	1.38	1.23	1.07	.87	.68	.59
27		1.02	1.15	1.37	1.28	1.38	1.32	1.19	1.06	.86	.67	.46
28		.73	1.11	1.11	1.36	1.45	1.33	1.23	1.05	.66	.58	.20
29			.94	.91	.85	1.21	1.31	1.23	1.05	.77	.65	.04
30			.46	1.32	1.04	1.37	1.13	1.22	1.04	.83	.52	.25
31			1.21		1.37		.80	1.22		.81		.63
NO.:	0	10	31	30	31	30	31	27	30	31	30	31
MAX:		1.02	1.23	1.49	1.44	1.48	1.44	1.34	1.25	1.09	.86	.68
MEAN:		.627	.831	1.071	1.182	1.341	1.269	1.240	1.096	.815	.617	.471
ANNUAL OBSERVATIONS:		312	ANNUAL MEAN:	.978	ANNUAL MAX:	1.49						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42600) Reactive oxides of nitrogen (NOy)

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (574) Instrumental Chemiluminescence The
 PQAQO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				103.2	48.0	63.0	28.8	27.6	49.9	32.2	32.3	15.2
2				26.0	85.7	16.4	25.8	41.3	79.1	33.6	114.5	173.9
3				35.3	33.3	50.1	24.4	36.3	41.2	61.5	95.0	55.9
4				44.6	49.1	43.8	18.7	35.0	38.8	34.0	64.4	78.0
5				92.3	84.9	36.1	53.0	44.3	22.3	11.3	35.0	33.8
6				30.9	63.1	61.1	23.9	30.0	26.2	21.4	33.4	141.3
7				51.4	29.1	28.2	40.0	26.0	1000.0	48.5	79.3	200.4
8				72.3	11.2	54.8	54.5	33.9	20.1	35.2	119.3	191.6
9				26.1	26.9	36.8	15.9	57.0	33.3	27.3	150.4	203.1
10				47.9	29.8	27.8	12.1	50.3	19.2	63.6	200.0	200.1
11				62.1	41.4	26.2	900.0	50.6	19.5	58.6	195.5	203.1
12				67.2	69.2	19.6	30.5	56.3	65.1	68.6	70.6	173.6
13				73.7	62.4	31.5	28.6	900.0	63.9	103.6	93.2	195.7
14				38.4	21.6	23.4	30.4	13.5	72.3	87.9	142.9	127.3
15				93.4	7.0	43.1	52.4	22.7	41.2	164.5	179.3	106.5
16				39.1	7.3	33.2	50.0	53.4		49.0	157.8	146.0
17				21.5	33.0	23.9	32.8	53.6		52.5	175.7	169.2
18				66.4	26.2	22.4	25.7	83.9		167.9	26.7	51.5
19				40.6	29.2	27.4	26.8	56.0	38.2	153.4	89.6	38.7
20				101.7	43.5	22.4	34.8	37.0	70.3	130.5	103.3	117.0
21				93.4	30.1	43.3	41.7	20.7	70.5	129.1	132.4	139.3
22				34.0	21.4	46.3	29.5	59.4	55.7	74.9	171.1	110.6
23				37.0	23.2	38.1	21.0	61.7	600.0	56.6	110.5	179.0
24				39.2	32.6	32.1	20.5	65.0	37.6	146.4	61.0	171.6
25				22.7	51.8	26.4	41.6	60.9	29.2	54.2	65.1	177.4
26				32.9	19.8	20.2	19.6	44.7	53.5	87.6	115.7	201.3
27				59.3	54.9	38.7	22.6	33.2	74.6	108.4	160.0	203.1
28				52.3	18.3	30.4	25.0	13.7	83.5	190.8	201.6	203.1
29				14.2	24.8	28.9	43.1	27.7	66.3	122.3	203.1	176.2
30				10.8	38.5	44.3	36.2	39.9	60.8	85.5	203.0	76.0
31					55.0		14.9	44.8		188.1		84.7
NO.:	0	0	0	30	31	30	31	31	27	31	30	31
MAX:				103.2	85.7	63.0	900.0	900.0	1000.0	190.8	203.1	203.1
MEAN:				51.00	37.82	34.66	58.86	70.34	104.90	85.45	119.39	140.14
ANNUAL OBSERVATIONS:		272		ANNUAL MEAN:	77.77		ANNUAL MAX:	1000.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10102-43-9
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	116.0	4.0	155.0	73.0	19.0	31.0	12.0	4.0	18.0	15.0	10.0	5.0
2	96.0	22.0	47.0	9.0	49.0	3.0	7.0	18.0	3.0	16.0	96.0	152.0
3	72.0	61.0	20.0	5.0		11.0	8.0	7.0	16.0	65.0	284.0	28.0
4	85.0	46.0	97.0	16.0	5.0	11.0	4.0	11.0	7.0	19.0	42.0	42.0
5	181.0	133.0	40.0	70.0	51.0	11.0	20.0	25.0	5.0	3.0	12.0	9.0
6	242.0	88.0	17.0	9.0	30.0	42.0	7.0	9.0	7.0	9.0	9.0	100.0
7	107.0	27.0	21.0	10.0	9.0	9.0	14.0	7.0	3.0	43.0	49.0	187.0
8	76.0	4.0	41.0	28.0	1.0	26.0	38.0	11.0	2.0	40.0	84.0	154.0
9	56.0	26.0	73.0	3.0	4.0	11.0	3.0	25.0	5.0	22.0	110.0	237.0
10	71.0	124.0	85.0	14.0	6.0	12.0	2.0	24.0	3.0	67.0	187.0	170.0
11	167.0	128.0	17.0	29.0	18.0	6.0	5.0	20.0	4.0	60.0	200.0	172.0
12	168.0	114.0	6.0	33.0	40.0	3.0	14.0	24.0	39.0	70.0	39.0	135.0
13	183.0	78.0	22.0	48.0	38.0	9.0	16.0	7.0	35.0	122.0	71.0	168.0
14	155.0	101.0	48.0	12.0	4.0	8.0	14.0	2.0	4.0	107.0	110.0	91.0
15	171.0	164.0	77.0	51.0	2.0	18.0	28.0	10.0	19.0	48.0	139.0	66.0
16	83.0	2.0	3.0	11.0	2.0	11.0	15.0	24.0	31.0	28.0	133.0	111.0
17	110.0	42.0	13.0	5.0	7.0	9.0	8.0	24.0	6.0	39.0	145.0	130.0
18	175.0	25.0	7.0	36.0	7.0	6.0	6.0	9.0	7.0	119.0	5.0	17.0
19	17.0	21.0	2.0	18.0	8.0	9.0	8.0	22.0	61.0	120.0	55.0	9.0
20	104.0	10.0	5.0	71.0	14.0	12.0	15.0	12.0	70.0	99.0	69.0	91.0
21	155.0	29.0	98.0	72.0	15.0	23.0	16.0	4.0	75.0	99.0	118.0	102.0
22	89.0	21.0	9.0	7.0	2.0	21.0	9.0	31.0	54.0	49.0	157.0	89.0
23	49.0	52.0	46.0	10.0	5.0	15.0	5.0	24.0	94.0	34.0	105.0	147.0
24	228.0	61.0	4.0	8.0	5.0	12.0	6.0	31.0	18.0	117.0	39.0	131.0
25	145.0	13.0	9.0	4.0	26.0	5.0	15.0	25.0	10.0	20.0	32.0	138.0
26	136.0	7.0	18.0		3.0	4.0	6.0	18.0	55.0	57.0	88.0	167.0
27	146.0	6.0	5.0	5.0	18.0	14.0	12.0	9.0	81.0	78.0	122.0	210.0
28	39.0	99.0	25.0	22.0	6.0	22.0	7.0	3.0	96.0	165.0	216.0	254.0
29	33.0		55.0	3.0	1.0	9.0	16.0	11.0	67.0	81.0	227.0	151.0
30	26.0		55.0	8.0	14.0	18.0	12.0	11.0	46.0	59.0	208.0	65.0
31	22.0		109.0		29.0		.0	2.0		168.0		59.0
NO.:	31	28	31	29	30	30	31	31	30	31	30	31
MAX:	242.0	164.0	155.0	73.0	51.0	42.0	38.0	31.0	96.0	168.0	284.0	254.0
MEAN:	113.00	53.86	39.65	23.79	14.60	13.37	11.23	14.97	31.37	65.74	105.37	115.71
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	50.44	ANNUAL MAX:	284.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 11104-93-1
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	164.0	10.0	207.0	108.0	50.0	66.0	30.0	25.0	45.0	42.0	32.0	16.0
2	142.0	63.0	88.0	35.0	85.0	17.0	33.0	45.0	28.0	51.0	127.0	192.0
3	124.0	98.0	61.0	35.0		51.0	25.0	28.0	47.0	99.0	311.0	62.0
4	139.0	96.0	134.0	45.0	24.0	44.0	21.0	38.0	43.0	50.0	81.0	78.0
5	240.0	173.0	79.0	110.0	89.0	43.0	54.0	54.0	29.0	16.0	40.0	34.0
6	306.0	125.0	52.0	33.0	61.0	68.0	26.0	33.0	33.0	28.0	37.0	139.0
7	167.0	61.0	49.0	50.0	28.0	25.0	42.0	27.0	23.0	67.0	78.0	232.0
8	134.0	11.0	84.0	72.0	11.0	52.0	71.0	34.0	28.0	60.0	118.0	195.0
9	105.0	61.0	117.0	25.0	25.0	37.0	16.0	56.0	36.0	39.0	153.0	280.0
10	121.0	162.0	128.0	47.0	27.0	28.0	13.0	55.0	19.0	94.0	228.0	214.0
11	222.0	168.0	49.0	64.0	40.0	28.0	20.0	50.0	21.0	84.0	245.0	219.0
12	230.0	155.0	40.0	66.0	72.0	21.0	50.0	53.0	71.0	99.0	74.0	172.0
13	233.0	116.0	50.0	84.0	63.0	33.0	54.0	24.0	73.0	163.0	103.0	209.0
14	185.0	142.0	87.0	37.0	27.0	24.0	32.0	13.0	25.0	135.0	149.0	130.0
15	205.0	212.0	114.0	96.0	7.0	44.0	51.0	23.0	46.0	69.0	181.0	105.0
16	130.0	14.0	11.0	41.0	7.0	34.0	47.0	53.0	67.0	55.0	170.0	146.0
17	144.0	79.0	38.0	26.0	31.0	25.0	34.0	54.0	29.0	61.0	187.0	167.0
18	212.0	62.0	42.0	67.0	27.0	24.0	29.0	40.0	26.0	153.0	31.0	49.0
19	48.0	51.0	22.0	38.0	28.0	29.0	27.0	59.0	91.0	149.0	89.0	38.0
20	144.0	49.0	27.0	102.0	42.0	24.0	34.0	37.0	104.0	130.0	103.0	129.0
21	200.0	63.0	146.0	105.0	32.0	45.0	42.0	22.0	108.0	128.0	150.0	140.0
22	126.0	60.0	38.0	34.0	20.0	47.0	30.0	65.0	88.0	74.0	192.0	126.0
23	85.0	97.0	85.0	35.0	24.0	39.0	22.0	55.0	128.0	61.0	142.0	188.0
24	273.0	101.0	22.0	40.0	33.0	33.0	20.0	63.0	57.0	149.0	76.0	171.0
25	186.0	35.0	38.0	21.0	51.0	28.0	42.0	52.0	47.0	55.0	66.0	178.0
26	173.0	24.0	55.0		19.0	22.0	23.0	60.0	81.0	88.0	124.0	213.0
27	184.0	35.0	28.0	21.0	52.0	40.0	25.0	42.0	115.0	114.0	162.0	271.0
28	72.0	141.0	64.0	50.0	17.0	37.0	25.0	32.0	130.0	207.0	257.0	306.0
29	64.0		100.0	15.0	24.0	39.0	41.0	43.0	96.0	122.0	271.0	195.0
30	62.0		88.0	37.0	44.0	45.0	39.0	49.0	86.0	92.0	248.0	98.0
31	49.0		137.0		57.0		16.0	17.0		203.0		96.0
NO.:	31	28	31	29	30	30	31	31	30	31	30	31
MAX:	306.0	212.0	207.0	110.0	89.0	68.0	71.0	65.0	130.0	207.0	311.0	306.0
MEAN:	157.06	88.00	73.55	53.07	37.23	36.40	33.35	41.97	60.67	94.74	140.83	154.45
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	81.17	ANNUAL MAX:	311.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.0	12.5	6.5	4.6	8.9	12.0	6.2	4.9	7.6	8.3	6.9	15.9
2	4.3	7.2	7.6	13.5	5.2	9.2	5.1	5.6	6.3	8.9	6.2	10.7
3	5.1	6.3	7.2	7.1	9.5	5.8	9.6	8.6	5.6	8.3	6.2	8.8
4	4.0	3.7	5.1	7.6	6.9	6.6	6.8	6.2	3.8	7.6	11.0	10.5
5	3.3	7.1	9.6	10.6	7.5	8.1	8.5	7.8	6.5	10.2	4.6	12.3
6	5.0	6.3	6.5	13.2	8.4	12.3	5.2	8.5	8.8	6.2	6.1	3.8
7	4.8	13.5	6.3	15.0	9.1	6.5	5.9	6.5	8.2	5.0	7.8	3.6
8	3.6	11.5	3.1	6.1	9.8	10.9	4.3	5.7	8.1	5.0	5.3	4.5
9	5.9	5.2	4.3	6.0	6.6	10.5	9.3	6.7	9.1	4.7	3.6	5.0
10	5.6	3.8	14.2	7.1	7.6	9.6	11.0	7.3	6.3	9.6	3.2	4.3
11	3.9	3.7	6.2	6.9	7.3	10.2	7.8	7.1	12.9	6.0	5.0	4.2
12	4.2	3.7	6.2	6.2	4.9	7.3	6.8	5.7	6.6	4.3	12.2	4.3
13	4.7	4.1	6.2	13.5	7.3	7.9	8.9	10.4	4.9	3.3	3.6	3.8
14	4.9	10.5	5.8	7.0	11.6	5.3	10.4	8.1	6.3	4.3	7.5	3.6
15	4.0	12.8	7.5	5.5	15.6	6.7	8.9	8.7	5.6	6.2	4.8	4.7
16	2.7	19.3	13.8	6.4	11.6	12.5	9.4	5.6	7.6	7.5	3.6	4.6
17	4.6	7.6	5.7	7.6	5.9	7.0	8.3	6.2	4.5	6.3	8.8	4.8
18	4.8	12.6	10.2	6.1	5.2	7.7	6.9	5.4	4.4	4.6	11.5	5.3
19	8.6	11.0	12.9	5.0	4.4	8.5	8.5	4.9	5.1	5.2	6.7	5.0
20	3.8	9.4	14.1	8.0	8.6	6.4	5.0	9.6	5.8	5.2	3.6	3.1
21	4.3	6.8	15.1	14.3	6.7	5.8	8.2	7.4	5.1	4.2	4.4	8.0
22	7.2	11.2	7.8	6.4	6.9	6.0	9.0	7.2	5.1	4.1	6.8	8.8
23	5.4	9.9	8.8	6.3	8.0	8.2	4.9	5.8	4.9	3.0	5.6	4.9
24	3.9	7.8	12.9	4.8	6.9	6.5	4.9	5.6	4.5	6.9	9.9	3.7
25	3.0	16.4	10.4	8.6	7.8	7.7	6.3	10.9	4.8	5.7	10.5	4.3
26	3.6	7.3	8.7	10.1	9.9	7.1	8.9	9.0	5.3	8.7	3.6	4.5
27	4.9	5.8	8.1	5.9	6.7	4.9	5.6	9.4	3.9	4.8	3.5	3.5
28	5.6	9.4	10.9	12.2	8.9	11.2	5.2	8.8	4.8	4.6	3.6	2.3
29	5.4		8.2	10.4	6.1	10.2	6.0	6.6	5.9	3.9	4.4	4.4
30	5.2		5.6	7.0	7.2	6.4	6.9	7.0	5.1	4.3	7.3	13.6
31	9.9		7.1		10.9		5.1	11.5		5.6		8.9
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	9.9	19.3	15.1	15.0	15.6	12.5	11.0	11.5	12.9	10.2	12.2	15.9
MEAN:	4.81	8.80	8.47	8.30	8.00	8.17	7.22	7.38	6.11	5.82	6.26	6.12
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	7.11	ANNUAL MAX:	19.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	280	357	333	344	358	219	324	351	349	203	356	331
2	306	316	315	332	295	356	339	349	335	181	308	323
3	348	310	353	342	358	340	199	322	348	186	349	349
4	355	328	332	215	340	320	343	258	359	329	342	325
5	324	339	292	326	301	218	352	339	351	304	335	319
6	307	325	309	223	349	328	342	355	339	295	336	310
7	306	355	331	328	353	348	320	353	324	318	346	302
8	307	284	343	338	319	344	277	350	335	327	323	313
9	352	335	309	322	335	357	356	352	213	283	309	356
10	245	352	320	340	332	333	281	358	211	340	346	315
11	339	311	337	227	351	318	293	358	314	341	354	311
12	336	316	353	355	345	358	193	350	349	359	325	318
13	350	330	205	325	323	330	181	318	339	304	335	360
14	353	219	349	352	345	346	186	339	353	350	317	325
15	328	209	345	232	335	337	214	348	332	359	351	318
16	350	314	332	359	360	325	197	351	332	359	335	330
17	358	205	321	345	330	358	197	354	339	320	217	313
18	256	185	254	347	331	341	349	345	356	358	329	338
19	339	332	347	351	332	324	340	343	335	313	352	350
20	250	350	251	355	330	337	345	346	345	334	312	352
21	344	336	342	344	331	350	340	350	339	345	333	348
22	357	327	360	350	355	304	359	351	355	332	359	349
23	279	336	213	354	354	360	335	357	349	304	339	309
24	317	337	197	331	341	334	357	320	275	341	210	304
25	350	265	320	347	206	354	355	192	334	330	345	344
26	345	311	222	350	344	334	188	343	324	355	318	315
27	319	318	354	341	316	315	336	353	348	321	313	308
28	311	358	337	318	345	192	351	287	341	323	313	355
29	350		322	354	324	346	343	348	320	321	353	340
30	321		262	342	292	358	340	354	347	308	349	313
31	353		342		202		350	284		329		336
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	358.	358.	360.	359.	360.	360.	359.	358.	359.	359.	359.	360.
MEAN:	323.7	309.3	309.7	326.3	326.8	326.1	299.4	334.8	329.7	315.2	327.0	328.4
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		321.4	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61103) Wind Speed - Resultant

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			6.0	3.6	8.3	11.1	5.6	4.5	6.9	7.3	6.3	
2			6.9	12.9	4.8	8.7	4.5	4.5	5.6	8.2	5.5	
3			6.3	6.2	8.9	5.2	8.7	7.9	5.2	7.6	5.4	
4			4.3	6.6	6.1	5.6	6.3	5.6	3.1	5.6	9.7	
5			8.9	10.1	6.4	7.0	7.6	7.3	5.6	9.6	4.3	
6			6.0	12.4	7.7	11.3	4.9	7.8	8.2	5.5	5.2	
7			5.9	14.3	8.6	5.6	5.3	5.6	7.5	4.4	7.3	
8			2.3	5.6	9.4	10.2	3.9	5.2	7.0	4.6	4.8	4.0
9			3.7	5.7	6.3	9.8	7.1	6.3	8.2	4.1	3.2	4.5
10			13.6	6.4	7.2	8.9	9.6	6.9	5.7	8.8	2.2	4.0
11			5.7	6.0	6.3	9.5	7.0	6.7	12.1	5.0		3.9
12			5.8	5.7	4.2	6.7	5.8	5.2	5.7	3.8		3.8
13			5.4	12.6	6.9	7.2	8.2	9.6	4.1	3.0	3.0	3.6
14			5.4	6.2	10.8	4.6	9.5	6.3	5.6	3.7	6.9	3.3
15			7.1	4.1	14.7	6.2	8.1	7.8	5.1	3.8	4.2	4.3
16			13.0	5.7	10.6	11.8	8.5	5.3	6.7	6.5	3.1	4.2
17			5.4	7.3	5.2	6.4	7.4	5.8	3.6	5.7	8.3	4.4
18			9.5	5.6	4.9	7.2	6.0	4.9	3.6	3.8	10.9	5.0
19			12.1	4.7	4.1	8.1	7.8	4.4	4.5	4.3	6.1	4.8
20			13.3	7.5	7.0	5.6	4.5	8.4	5.3	4.7	3.2	2.8
21			14.2	11.1	6.1	5.5	7.6	6.7	4.5	3.5	4.2	7.5
22			7.1	6.1	6.3	5.6	8.4	6.4	4.4	3.2	6.2	8.4
23		3.9	7.6	5.8	6.8	7.5	4.3	5.4	4.4	2.8	4.9	4.5
24		7.5	12.2	4.3	6.3	6.1	4.1	5.3	4.2	6.1	9.4	3.3
25		15.6	9.9	6.7	6.9	7.1	5.6	10.1	4.3	5.4	9.9	3.8
26		6.8	7.8	8.8	9.4	6.4	8.2	8.4	4.9	8.2	3.5	4.1
27		5.5	6.3	5.0	5.8	4.2	5.0	8.6	3.5	4.4	3.2	2.7
28		4.2	10.2	11.3	8.4	10.2	4.8	6.3	4.4	4.1	3.3	1.8
29			7.7	9.6	5.6	9.3	5.5	6.0	5.5	3.4	4.0	4.1
30			5.0	6.6	6.5	5.2	6.4	6.0	4.9	3.6	6.8	12.6
31			6.3		10.2		3.9	10.5		5.1		8.1
NO.:	0	6	31	30	31	30	31	31	30	31	28	24
MAX:		15.6	14.2	14.3	14.7	11.8	9.6	10.5	12.1	9.6	10.9	12.6
MEAN:		7.25	7.77	7.48	7.31	7.46	6.45	6.64	5.48	5.15	5.54	4.73
ANNUAL OBSERVATIONS:		303	ANNUAL MEAN:	6.46	ANNUAL MAX:	15.6						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61104) Wind Direction - Resultant

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQAQO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			331.3	343.3	351.8	201.5	324.6	347.6	349.7	202.3	357.1	
2			311.3	330.4	300.8	348.3	337.0	336.3	336.1	180.1	356.1	
3			343.1	359.4	346.1	334.6	192.6	316.1	342.2	185.6	350.0	
4			331.2	212.7	350.2	320.7	336.2	252.7	354.7	331.6	359.2	
5			286.6	325.7	301.9	217.9	355.4	341.2	354.8	305.8	338.7	
6			355.5	213.2	348.2	356.4	345.2	354.9	338.1	298.1	329.8	
7			347.5	329.1	344.5	359.6	324.9	352.9	324.4	261.0	335.3	
8			327.4	338.3	341.6	342.0	295.5	347.2	333.3	325.5	321.2	352.3
9			337.1	324.0	334.0	353.8	355.2	352.3	226.9	277.0	310.7	349.6
10			329.2	345.9	327.4	330.5	280.4	349.9	212.8	344.1	306.8	313.4
11			336.1	226.7	350.6	320.0	279.9	352.1	324.6	353.3		311.0
12			353.9	352.2	345.5	323.8	193.6	347.8	347.2	357.3		317.5
13			357.1	321.6	322.9	359.2	181.6	319.3	339.3	307.9	326.0	314.4
14			346.2	349.8	329.6	344.9	185.4	337.4	355.0	348.7	317.5	324.9
15			345.6	231.1	335.2	351.5	214.0	347.5	331.1	356.6	344.4	315.2
16			332.3	350.2	359.8	325.5	196.3	345.6	350.6	350.4	318.5	328.9
17			326.0	343.8	349.0	357.6	212.0	353.6	340.6	320.2	204.2	313.7
18			259.7	344.8	334.1	339.5	347.2	338.8	349.6	354.7	339.6	335.4
19			348.7	359.5	331.9	323.8	340.4	357.7	333.2	312.6	350.6	348.2
20			200.2	298.3	329.1	336.2	342.9	356.1	348.0	333.6	314.0	350.8
21			346.9	336.3	331.6	349.6	340.1	348.2	338.6	338.5	329.2	347.2
22			342.8	358.9	355.1	281.0	358.5	348.9	350.3	330.9	201.9	341.5
23		314.0	211.6	358.3	358.2	359.6	331.3	357.6	346.6	352.8	340.7	309.0
24		334.4	196.1	329.4	340.9	334.0	355.9	319.9	280.0	339.7	198.3	309.6
25		253.0	322.2	349.9	203.5	343.4	354.0	189.6	332.9	325.9	343.4	311.6
26		312.1	219.8	352.7	342.9	335.2	187.3	343.3	323.8	341.4	319.2	317.1
27		319.1	351.3	338.3	316.2	312.5	333.0	345.6	340.0	323.1	310.7	305.6
28		357.2	334.0	358.7	350.3	191.8	343.9	286.7	353.5	324.9	313.2	347.8
29			322.2	343.2	323.5	343.3	325.5	348.3	322.4	323.0	349.7	339.4
30			258.9	356.1	294.8	357.2	335.8	352.6	343.0	306.9	354.6	317.4
31			342.9		201.2		349.9	278.3		329.4		334.8
NO.:	0	6	31	30	31	30	31	31	30	31	28	24
MAX:		357.2	357.1	359.5	359.8	359.6	358.5	357.7	355.0	357.3	359.2	352.3
MEAN:		314.97	314.67	326.06	327.50	325.16	298.56	333.10	330.78	314.29	319.31	327.35
ANNUAL OBSERVATIONS:		303	ANNUAL MEAN:	321.38	ANNUAL MAX:	359.8						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	20	29	52	68	53	78	83	80	82	83	49	40
2	23	20	55	73	60	68	94	87	78	81	45	42
3	26	28	48	35	61	63	98	83	82	81	64	38
4	27	36	46	49	54	77	83	87	86	72	68	31
5	30	44	55	67	73	87	84	88	82	62	44	29
6	25	40	46	56	71	82	85	91	78	46	52	34
7	25	50	46	54	74	71	82	90	81	71	46	38
8	25	33	40	39	68	72	83	91	81	53	51	39
9	24	33	53	36	45	64	87	87	83	60	53	43
10	24	36	65	48	52	75	87	89	79	64	56	44
11	24	43	54	59	59	74	88	88	78	65	57	41
12	28	52	52	56	71	74	88	88	78	64	57	49
13	33	59	57	63	76	75	88	95	79	72	57	34
14	39	58	52	46	74	75	87	90	79	75	64	35
15	41	58	62	59	79	84	88	86	78	79	55	31
16	43	57	65	62	53	68	91	85	70	72	55	32
17	53	40	46	61	51	70	95	91	70	59	59	34
18	46	51	58	53	49	78	91	92	75	60	54	35
19	44	46	54	50	53	63	89	91	80	65	40	29
20	36	37	53	57	59	69	86	93	76	66	44	32
21	43	40	53	60	68	79	90	93	78	68	46	34
22	42	44	46	47	67	88	91	94	80	65	55	36
23	39	46	55	48	65	90	87	94	83	69	63	38
24	43	42	50	54	59	84	95	95	83	76	58	38
25	35	46	47	53	70	83	89	94	84	59	49	43
26	38	32	49	44	61	79	86	96	78	53	45	43
27	39	34	49	52	62	90	85	94	83	51	53	42
28	39	47	42	68	62	95	89	87	84	66	47	46
29	38		48	44	49	89	93	90	83	60	54	54
30	35		53	46	57	80	88	91	88	62	44	57
31	36		65		76		86	92		65		41
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	53.	59.	65.	73.	79.	95.	98.	96.	88.	83.	68.	57.
MEAN:	34.3	42.2	52.1	53.6	62.3	77.5	88.3	90.1	80.0	65.1	53.0	38.8
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	61.5	ANNUAL MAX:	98.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-035-3006 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	77	59	65	62	53	39	58	92	59	52	87	61
2	75	49	67	87	54	70	64	80	59	54	78	78
3	75	57	87	89	68	62	47	82	54	63	63	79
4	81	53	84	67	70	71	49	59	56	84	80	73
5	81	72	54	84	52	61	66	53	54	88	79	54
6	86	75	90	79	50	52	76	46	57	87	71	60
7	86	87	91	90	55	66	78	37	51	84	76	66
8	85	86	89	90	91	75	77	45	45	88	74	72
9	86	56	80	90	92	73	69	45	54	83	64	78
10	80	70	71	86	87	60	78	45	67	84	74	76
11	71	70	68	69	83	62	61	47	65	85	71	80
12	70	68	84	76	73	68	76	55	71	80	78	79
13	87	57	85	87	56	61	61	47	63	71	81	82
14	86	50	68	88	71	87	60	74	58	75	67	83
15	83	43	73	57	56	61	43	84	65	73	58	83
16	94	89	90	75	67	61	48	70	90	88	65	75
17	95	84	51	65	86	45	44	66	90	92	52	80
18	83	50	41	92	90	56	50	50	74	77	80	78
19	90	87	88	92	92	93	61	55	66	77	86	80
20	80	89	89	84	93	90	68	60	62	74	82	75
21	71	86	67	84	78	69	58	61	63	71	90	78
22	86	64	87	65	89	60	36	52	63	70	85	77
23	75	68	59	72	89	53	55	51	58	74	69	68
24	72	75	74	80	93	52	55	51	52	65	58	72
25	89	88	89	87	72	63	64	48	56	72	67	75
26	90	89	77	87	64	59	62	58	60	74	59	77
27	84	76	88	79	60	50	64	67	63	62	69	78
28	85	69	85	54	87	40	60	88	63	55	76	64
29	86		59	82	92	53	53	84	66	56	80	67
30	90		78	89	89	62	54	54	58	74	79	65
31	90		79		68		89	55		74		58
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	95.	89.	91.	92.	93.	93.	89.	92.	90.	92.	90.	83.
MEAN:	82.9	70.2	76.0	79.6	74.8	62.5	60.8	60.0	62.1	74.4	73.3	73.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		70.8	ANNUAL MAX:		95.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-035-3006 POC: 3
 COUNTY: (035) Salt Lake
 CITY: (67000) Salt Lake City
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY
 SITE COMMENTS:
 MONITOR COMMENTS: FDMS CONTINUOUS MONITOR

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.736389
 LONGITUDE: -111.872222
 UTM ZONE: 12
 UTM NORTHING: 4509639
 UTM EASTING: 426359
 ELEVATION-MSL: 1306
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	66.7	4.5	14.8	10.4	5.2	8.7	82.6	27.5		8.6	13.0	4.6
2	24.9	10.9	12.2	14.0	5.3	5.9	20.3	17.8		11.0	10.2	12.9
3	41.6	15.1	8.3	3.8	13.4	12.3	35.4	13.4		9.1	9.9	13.9
4	69.6	39.0	6.9	5.2	5.2	12.3	94.7	24.8		8.6	7.9	13.7
5	60.1	23.0	6.9	9.6	6.3	8.5	21.0	6.5		5.7	9.0	6.7
6	77.5	14.0	9.5	7.6	8.6	24.1	14.0	15.4		6.9	7.2	12.2
7	91.1	8.4	20.0	16.0	11.9	6.9	15.0	9.1		6.6	14.0	21.0
8	93.7	3.7	10.0	7.1	10.9	10.0	14.3	10.6	9.0	12.4	12.6	31.2
9	41.6	7.5	10.6	7.4	4.2	6.7	11.5	14.8	7.7	8.8	17.4	42.3
10	22.4	11.8	14.1	6.0	12.9	11.8	11.4	10.6	7.7	6.6	23.1	46.2
11	34.0	15.0	8.5	6.6	8.2	12.9	12.2	18.4	7.1	12.4	31.6	48.3
12	41.9	19.0	8.5	8.0	4.4	9.9	9.3	10.0	5.5	12.6	14.1	45.7
13	56.5	8.9	10.5	8.9	7.3	8.7	10.6	8.5	14.3	10.7	14.7	47.2
14	70.6	9.7	6.5	6.0	8.1	52.8	7.9		13.9	9.5	13.7	26.8
15	53.1	9.1	11.6	16.6	28.6	11.9	10.3		9.3	9.8	10.1	35.7
16	41.2	11.7	7.4	18.0	5.7	8.0	7.4		9.1	8.2	9.8	32.0
17	14.5	7.3	5.1	8.9	6.5	3.6	9.5		8.0	8.1	7.7	42.8
18	9.7	5.5	18.4	7.8	4.8	4.9	10.5		10.9	13.1	6.1	42.5
19	6.9	7.0	16.6	6.8	4.8	6.2	10.5		14.9	12.8	12.5	32.6
20	10.5	10.8	10.8	10.8	8.1	5.9	12.0		15.4	13.9	19.4	32.0
21	18.2	7.0	13.6	5.5		7.6	10.9		9.8	13.0	17.8	31.2
22	13.0	7.9	4.4	8.8		8.5	12.9		9.8	7.8	10.3	10.3
23	11.9	11.3	5.2	17.3	8.3		12.2		12.4	9.4	8.4	21.8
24	19.4	19.3	8.7	19.7	7.6	22.9	18.8		12.1	10.8	13.6	52.5
25	25.0	13.1	8.4	8.1	6.0	20.1	50.6		9.7	6.8	8.9	45.6
26	29.2	6.9	8.4	4.0	6.1	17.3	12.5		10.1	10.7	17.7	51.7
27	36.5	9.3	3.8	6.2	8.4	10.8	12.3		10.1	13.0	24.2	56.5
28	46.2	9.6	6.3	8.2	7.6	12.7	10.9		10.1	24.9	33.4	31.2
29	46.5		4.8	4.9	7.1	14.2	18.5		13.8	18.7	43.9	23.5
30	49.8		9.3	9.6	7.8	13.6	10.9		16.7	16.5	37.0	13.6
31	17.4		6.0		7.3		24.5			12.1		20.7
NO.:	31	28	31	30	29	30	31	13	23	31	30	31
MAX:	93.7	39.0	20.0	19.7	28.6	52.8	94.7	27.5	16.7	24.9	43.9	56.5
MEAN:	40.04	11.65	9.55	9.26	8.16	12.27	19.85	14.42	10.76	10.94	15.97	30.61
ANNUAL OBSERVATIONS:	338		ANNUAL MEAN:	16.46	ANNUAL MAX:	94.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-035-3009 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (82950) West Jordan
 SITE ADDRESS: 7602 S. AIRPORT RD
 SITE COMMENTS: METEOROLOGICAL SITE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: MILITARY RESERVATION
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.614733
 LONGITUDE: -112.000267
 UTM ZONE: 12
 UTM NORTHING: 4496259.83
 UTM EASTING: 415385.16
 ELEVATION-MSL: 1419
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.6	17.3	10.6	7.6	11.9	14.2	8.2	10.2	13.8	13.3	14.8	22.2
2	8.3	8.6	14.0	16.5	8.8	15.9	11.1	9.4	8.5	15.0	9.3	11.7
3	6.2	9.1	12.5	10.3	15.0	9.2	13.1	13.9	8.5	12.0	18.1	12.8
4	5.0	7.5	6.9	13.0	15.6	9.8	9.9	11.6	5.9	12.1	18.2	10.4
5	6.2	17.2	14.3	18.7	12.6	12.4	13.5	12.9	11.5	19.0	9.1	11.7
6	5.8	9.6	13.3	18.3	14.6	16.9	9.8	13.3	11.5	10.7	10.2	7.3
7	5.9	20.0	14.3	18.9	12.2	8.2	8.5	12.8	8.3	8.0	12.2	6.3
8	6.8	12.9	11.9	8.9	14.2	16.9	7.4	10.4	9.5	10.9	8.1	7.1
9	9.0	7.1	12.5	8.3	12.4	17.8	16.8	12.2	8.9	6.8	6.1	7.0
10	9.1	5.8	17.2	9.2	10.9	13.4	14.0	9.8	12.7	14.2	9.9	6.0
11	8.9	9.0	10.5	12.4	12.5	11.7	12.3	10.7	15.9	12.2	14.9	8.5
12	6.7	13.0	8.3	9.2	8.4	10.7	11.5	8.6	11.9	6.0	18.8	9.5
13	7.0	12.9	11.3	22.7	9.0	14.3	13.0	15.0	8.4	9.8	7.9	8.1
14	6.1	17.9	9.6	14.0	15.9	7.7	14.5	16.8	11.0	7.9	12.4	5.3
15	10.0	18.8	9.8	12.0	24.1	10.6	11.6	14.2	11.8	12.3	8.2	7.0
16	11.3	23.4	17.3	6.4	11.5	18.2	13.2	9.6	12.2	14.7	6.7	4.9
17	14.9	12.8	6.9	10.6	12.2	8.1	12.9	11.0	9.0	10.9	16.3	6.5
18	10.1	17.0	15.5	10.5	9.2	12.9	13.5	8.0	7.0	6.8	17.7	8.6
19	12.2	14.8	15.2	10.2	7.3	12.8	14.5	10.8	11.4	8.8	5.7	7.0
20	8.8	10.3	17.3	9.8	14.2	10.1	10.3	13.0	9.4	8.0	8.3	4.4
21	10.2	10.3	19.7	21.4	10.5	8.8	12.2	13.9	10.9	7.6	7.5	14.2
22	14.5	15.2	11.0	10.1	9.7	8.2	13.5	12.7	9.1	6.4	13.9	14.4
23	10.3	10.7	14.1	6.2	13.8	14.0	8.1	10.0	10.0	9.1	15.9	6.2
24	4.9	9.2	17.0	6.0	10.9	11.4	8.9	10.5	9.6	15.1	16.2	4.6
25	9.6	18.5	16.2	10.3	14.4	12.0	12.0	14.2	11.5	12.3	17.4	9.0
26	5.6	15.1	13.3	17.6	20.2	13.3	14.6	12.2	8.5	12.9	5.9	6.8
27	7.1	12.4	10.5	7.3	8.2	8.1	11.5	13.6	7.9	6.4	6.6	5.6
28	7.4	17.4	14.9	16.9	12.9	19.3	9.7	10.2	8.2	6.5	5.4	8.2
29	6.9		11.1	14.0	11.4	16.6	8.2	13.7	8.6	7.6	7.6	12.0
30	6.8		7.6	9.9	10.2	12.7	12.4	13.6	9.6	6.3	14.3	20.4
31	10.3		10.6		15.8		10.5	17.1		9.5		14.3
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	14.9	23.4	19.7	22.7	24.1	19.3	16.8	17.1	15.9	19.0	18.8	22.2
MEAN:	8.44	13.35	12.75	12.24	12.60	12.54	11.65	12.13	10.03	10.29	11.45	9.29
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	11.38	ANNUAL MAX:	24.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-035-3009 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (82950) West Jordan
 SITE ADDRESS: 7602 S. AIRPORT RD
 SITE COMMENTS: METEOROLOGICAL SITE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: MILITARY RESERVATION
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.614733
 LONGITUDE: -112.000267
 UTM ZONE: 12
 UTM NORTHING: 4496259.83
 UTM EASTING: 415385.16
 ELEVATION-MSL: 1419
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	248	349	335	349	356	199	355	347	357	215	358	358
2	344	352	204	358	253	360	353	359	356	234	324	347
3	356	358	350	358	355	349	201	249	348	238	221	341
4	358	313	357	237	357	351	273	285	351	323	358	348
5	316	338	294	357	253	243	356	357	352	355	360	359
6	360	359	288	238	358	350	355	297	355	346	317	330
7	358	347	353	357	358	353	353	359	358	222	338	359
8	352	355	350	357	360	352	333	341	352	357	350	356
9	357	355	236	344	358	352	357	356	352	311	357	354
10	295	272	200	340	360	351	334	353	346	311	353	358
11	259	249	359	358	357	352	228	354	237	320	324	347
12	358	203	356	354	354	358	205	360	322	359	333	356
13	349	272	275	332	351	358	205	334	359	338	293	359
14	356	206	352	357	332	357	253	336	256	263	341	358
15	336	208	344	316	353	359	254	352	269	321	335	352
16	209	350	351	345	359	347	232	353	355	354	327	359
17	360	238	333	357	360	357	253	357	341	346	219	359
18	259	220	220	356	358	332	202	356	355	356	350	357
19	347	214	358	349	353	357	326	359	345	359	355	359
20	325	345	258	345	360	358	355	238	293	351	353	359
21	225	258	202	360	348	354	354	262	360	358	355	356
22	357	354	328	360	360	247	351	321	352	328	238	344
23	328	339	248	358	237	355	351	355	356	256	210	358
24	357	350	226	350	356	357	360	298	272	347	236	305
25	355	299	355	354	240	352	355	230	334	360	358	351
26	352	354	211	355	357	356	274	215	357	333	345	347
27	358	360	355	352	355	336	233	302	355	360	313	330
28	352	199	358	316	351	187	339	298	358	353	348	215
29	349		352	357	354	227	260	226	350	359	338	309
30	354		290	359	309	359	337	325	288	357	357	303
31	357		360		220		321	344		344		360
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.
MEAN:	330.5	300.6	305.1	342.8	335.2	330.8	300.6	318.6	334.7	323.7	322.1	343.6
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	324.1	ANNUAL MAX:	360.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-035-3009 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (82950) West Jordan
 SITE ADDRESS: 7602 S. AIRPORT RD
 SITE COMMENTS: METEOROLOGICAL SITE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: MILITARY RESERVATION
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.614733
 LONGITUDE: -112.000267
 UTM ZONE: 12
 UTM NORTHING: 4496259.83
 UTM EASTING: 415385.16
 ELEVATION-MSL: 1419
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	25.5	13.6	47.2	58.3	50.8	21.7	36.5	65.9	31.6	19.4	22.6	19.3
2	51.0	40.1	33.2	28.8	33.8	38.0	30.9	46.3	54.3	18.0	61.4	52.3
3	44.4	30.7	45.8	39.0	31.9	54.4	26.5	61.5	51.1	30.8	29.4	28.6
4	60.4	46.8	43.7	16.8	28.5	53.2	46.1	28.2	62.3	64.1	45.0	37.1
5	31.4	56.4	33.5	19.2	18.1	27.2	50.3	47.9	55.5	24.2	31.2	48.2
6	57.0	29.9	39.5	26.1	34.6	19.0	57.7	35.8	28.7	53.4	26.1	51.1
7	37.5	54.5	39.1	52.2	28.6	50.6	46.9	42.5	46.7	18.5	16.8	51.0
8	51.6	22.5	57.3	25.0	34.4	50.2	50.2	47.9	36.2	26.5	41.2	54.3
9	35.4	46.3	20.9	19.4	57.6	40.0	55.0	40.7	47.2	44.3	54.8	46.6
10	58.6	64.1	33.4	58.4	37.9	49.6	51.5	62.8	38.8	43.4	44.7	48.7
11	25.1	52.6	36.5	28.8	27.8	55.2	40.1	47.3	24.0	28.3	56.4	39.4
12	46.1	15.6	58.7	46.0	56.6	42.2	20.9	53.6	20.2	54.0	23.7	41.6
13	51.0	40.1	25.8	43.2	74.6	40.2	20.8	49.0	52.6	30.7	46.8	29.7
14	57.2	20.4	57.3	42.1	60.1	52.5	34.4	52.5	63.4	44.0	36.5	49.0
15	44.0	41.2	25.6	23.5	46.5	55.2	35.4	29.8	56.0	48.8	48.0	47.4
16	39.8	23.0	31.6	52.8	32.9	20.2	32.3	50.7	25.3	50.2	51.5	43.3
17	65.0	18.7	54.6	26.4	41.2	60.0	26.1	33.5	37.6	30.3	27.9	47.7
18	34.1	19.3	19.3	29.3	61.7	62.6	20.1	41.4	63.0	62.9	52.6	56.2
19	41.2	26.6	60.5	79.3	45.5	50.8	42.4	47.3	32.9	35.3	50.4	47.3
20	48.8	46.8	19.9	46.4	51.7	56.8	38.0	42.7	50.0	50.0	41.4	45.4
21	31.8	45.5	23.2	49.7	58.0	47.6	65.4	62.9	47.6	44.4	37.2	50.7
22	43.4	28.5	53.1	57.7	52.6	47.7	45.0	29.1	44.2	51.7	16.4	12.8
23	51.4	67.6	31.5	57.7	20.1	39.4	59.6	61.9	45.9	58.5	15.1	33.1
24	56.5	59.5	24.0	55.5	31.4	64.6	55.1	44.0	46.0	65.2	15.7	58.3
25	37.5	41.3	58.9	50.3	21.7	44.3	61.1	60.4	32.9	15.3	66.8	42.3
26	59.1	35.2	20.2	48.1	47.7	30.6	42.3	59.8	43.2	16.7	64.0	42.1
27	48.0	38.8	54.7	60.3	47.5	66.7	53.2	44.1	37.2	62.1	43.5	43.8
28	54.0	14.0	38.6	54.9	50.9	18.2	67.1	53.2	52.1	45.3	57.2	26.5
29	64.7		55.3	46.7	66.8	22.0	60.9	74.0	59.0	36.0	53.5	60.0
30	59.3		60.2	37.9	55.5	46.0	44.0	43.8	36.7	63.1	41.7	22.2
31	14.3		44.2		49.6		45.8	41.9		38.6		22.2
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	65.0	67.6	60.5	79.3	74.6	66.7	67.1	74.0	63.4	65.2	66.8	60.0
MEAN:	45.97	37.13	40.24	42.66	43.76	44.22	43.92	48.46	44.07	41.10	40.65	41.88
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	42.88	ANNUAL MAX:	79.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-035-3009 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (82950) West Jordan
 SITE ADDRESS: 7602 S. AIRPORT RD
 SITE COMMENTS: METEOROLOGICAL SITE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: MILITARY RESERVATION
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.614733
 LONGITUDE: -112.000267
 UTM ZONE: 12
 UTM NORTHING: 4496259.83
 UTM EASTING: 415385.16
 ELEVATION-MSL: 1419
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	18	24	53	69	50	77	80	81	79	82	49	37
2	29	20	52	74	59	64	93	87	77	80	46	40
3	33	26	48	40	58	61	97	81	80	80	55	33
4	35	37	47	46	52	75	84	86	87	73	60	28
5	33	43	51	65	71	85	84	87	79	60	34	25
6	30	38	45	53	70	79	85	90	76	46	41	32
7	39	46	44	53	71	70	82	91	80	44	40	40
8	31	33	43	39	64	69	83	90	80	52	40	36
9	27	35	51	37	42	63	85	86	82	60	47	43
10	23	40	63	50	50	76	85	89	80	61	53	45
11	23	46	54	58	58	72	86	87	77	66	49	38
12	32	50	51	55	71	73	87	86	77	64	49	44
13	37	60	55	61	76	74	86	95	79	71	49	32
14	44	55	51	44	71	73	87	92	80	77	56	34
15	44	54	61	57	77	83	87	84	78	80	45	29
16	53	55	64	63	50	66	91	83	67	71	47	28
17	51	38	46	59	48	68	93	92	70	57	53	35
18	44	49	55	50	46	79	90	91	74	60	51	34
19	44	44	52	51	53	60	87	91	80	64	41	26
20	37	37	50	57	58	68	83	93	76	67	44	30
21	44	38	51	59	68	78	88	93	77	69	46	32
22	41	43	45	45	66	89	91	94	81	65	50	30
23	37	41	53	47	62	89	85	95	83	72	58	33
24	45	43	48	53	58	82	95	94	85	72	56	36
25	35	44	43	51	68	80	91	92	84	51	49	42
26	43	31	46	43	62	78	83	95	77	46	44	44
27	42	34	48	51	61	89	85	93	83	50	51	40
28	41	45	40	67	59	94	89	87	85	55	47	48
29	42		49	41	47	88	94	91	83	59	52	52
30	38		50	45	54	78	85	92	89	63	41	57
31	36		66		72		85	91		66		37
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	53.	60.	66.	74.	77.	94.	97.	95.	89.	82.	60.	57.
MEAN:	37.1	41.0	50.8	52.8	60.4	76.0	87.3	89.6	79.5	64.0	48.1	36.8
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		60.4	ANNUAL MAX:		97.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-035-3009 POC: 1
 COUNTY: (035) Salt Lake
 CITY: (82950) West Jordan
 SITE ADDRESS: 7602 S. AIRPORT RD
 SITE COMMENTS: METEOROLOGICAL SITE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (7159) SALT LAKE CITY, UT
 LAND USE: MILITARY RESERVATION
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.614733
 LONGITUDE: -112.000267
 UTM ZONE: 12
 UTM NORTHING: 4496259.83
 UTM EASTING: 415385.16
 ELEVATION-MSL: 1419
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	81	94	77	68	75	33	62	91	53	38	90	65
2	83	68	64	100	75	61	62	72	55	46	73	88
3	91	73	99	100	86	75	36	81	42	62	67	88
4	93	81	99	88	74	60	49	64	40	77	93	85
5	91	89	72	100	69	47	76	45	52	87	93	56
6	95	85	98	97	74	54	76	45	68	91	80	63
7	100	100	100	100	61	68	78	32	56	88	90	70
8	98	100	100	100	100	77	78	35	52	92	77	73
9	99	77	79	100	100	75	66	31	57	82	72	75
10	92	79	71	93	100	61	72	41	61	79	69	71
11	80	80	81	79	97	58	73	40	64	75	56	82
12	87	69	97	91	84	70	68	51	69	61	93	74
13	100	59	94	100	76	67	54	41	54	65	91	91
14	100	52	86	99	75	80	55	69	61	61	62	92
15	100	46	87	72	78	59	32	85	66	46	62	89
16	95	100	95	79	77	56	40	48	86	89	59	89
17	95	100	77	84	89	57	36	55	87	85	48	87
18	83	67	69	100	89	56	45	40	69	73	93	88
19	100	99	100	100	91	89	54	47	62	67	93	89
20	93	100	100	96	90	82	51	46	50	65	86	86
21	76	100	70	95	74	70	47	44	57	59	91	89
22	90	87	91	86	88	59	47	50	51	68	81	82
23	84	85	82	83	83	39	56	36	44	65	55	66
24	84	87	90	90	90	62	50	42	41	61	51	70
25	100	100	100	100	73	68	67	43	37	68	61	64
26	100	100	96	99	64	60	65	53	53	62	61	66
27	100	92	100	90	68	54	64	78	55	50	60	71
28	100	81	100	75	89	30	65	84	46	58	74	51
29	100		79	100	88	44	49	83	48	54	71	59
30	100		91	100	90	61	47	60	41	67	87	54
31	100		81		60		90	47		59		69
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	100.	100.	100.	100.	100.	89.	90.	91.	87.	92.	93.	92.
MEAN:	93.2	83.9	87.9	92.1	81.5	61.1	58.4	54.2	55.9	67.7	74.6	75.5
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		73.8	ANNUAL MAX:		100.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT: 10

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.5	14.2	4.7	5.6	15.5	11.1	7.4	7.6	13.8	8.9	19.2	10.3
2	4.5	12.2	9.9	17.3	7.6	16.7	5.8	7.4	8.4	6.4	9.3	6.0
3	4.1	9.1	8.9	21.0	11.7	8.5	13.8	24.3	8.4	6.8	5.8	8.4
4	3.7	4.7	13.2	9.1	12.6	6.4	8.5	13.6	5.4	14.2	17.9	8.2
5	3.9	19.4	5.6	9.9	5.8	10.3	9.1	7.4	10.5	12.8	13.2	6.4
6	4.3	7.4	7.0	12.2	10.7	18.6	9.9	9.3	12.0	13.8	6.8	4.7
7	4.9	12.6	11.7	14.4	13.6	9.3	8.7	8.7	8.0	8.4	8.7	4.9
8	4.7	9.9	13.8	19.4	13.8	13.8	17.9	7.4	7.6	7.8	8.7	5.0
9	6.6	7.2	6.4	13.6	16.3	13.6	9.9	8.2	12.4	6.8	6.8	5.0
10	8.2	4.1	8.4	9.5	9.3	8.9	11.5	7.8	8.2	7.6	4.1	3.3
11	6.4	3.9	7.8	7.6	9.3	12.8	12.6	8.5	11.8	6.6	4.7	3.7
12	5.0	5.0	11.5	8.0	6.2	11.1	7.6	7.8	8.2	7.8	15.7	5.8
13	5.2	5.8	7.6	10.9	5.6	14.4	8.5	13.8	6.4	3.9	9.5	8.7
14	6.2	7.0	8.2	17.3	10.5	8.2	6.4	12.2	5.4	5.2	6.4	6.0
15	5.4	7.0	8.7	9.7	14.8	8.9	8.7	7.4	5.8	10.3	9.3	5.6
16	5.4	16.3	16.5	9.5	13.2	16.7	8.2	6.6	15.0	8.9	8.0	5.2
17	8.4	14.2	14.4	9.1	11.7	12.4	9.1	7.4	7.0	15.0	12.0	2.9
18	7.8	7.8	12.4	13.4	11.8	8.5	8.7	19.8	4.5	8.0	16.7	5.2
19	13.0	20.4	16.3	10.7	6.6	16.1	10.5	5.8	4.5	5.4	9.3	8.5
20	9.9	15.7	13.8	11.1	9.1	8.0	8.0	7.6	7.2	4.9	10.5	6.6
21	4.9	5.2	19.0	21.8	7.2	9.7	8.4	10.3	7.8	6.0	8.4	13.0
22	14.2	10.7	7.8	7.2	16.9	5.2	9.9	6.8	8.0	9.5	6.8	9.9
23	9.3	8.7	7.4	8.7	16.9	9.1	8.4	7.6	5.6	10.5	5.6	10.3
24	10.1	9.9	15.1	6.0	9.5	10.5	8.0	11.3	4.3	10.5	7.4	6.2
25	5.6	13.2	13.8	9.3	9.1	12.0	18.4	10.9	5.2	14.2	18.3	5.8
26	7.6	16.7	8.0	17.5	12.8	8.7	5.4	12.8	8.9	12.6	9.7	6.2
27	4.5	8.5	9.1	8.5	9.7	7.6	16.9	6.6	6.8	8.9	5.4	5.6
28	4.1	8.7	16.9	13.0	16.5	15.7	8.0	10.9	6.4	4.7	6.0	5.2
29	5.0		9.1	16.1	17.7	14.6	7.4	12.6	8.5	4.3	4.5	7.8
30	8.0		12.6	11.3	9.9	12.0	17.3	11.8	9.7	4.7	7.2	11.7
31	15.5		18.6		8.0		9.3	16.3		5.0		13.2
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	15.5	20.4	19.0	21.8	17.7	18.6	18.4	24.3	15.0	15.0	19.2	13.2
MEAN:	6.80	10.20	11.10	11.96	11.29	11.31	9.94	10.21	8.06	8.40	9.40	6.95
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	9.62	ANNUAL MAX:	24.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61103) Wind Speed - Resultant

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 STATE: (49) Utah
 AOCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003
 MONITOR COMMENTS:

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT: 10

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.5	13.8	4.5	4.9	14.8	9.9	7.2	7.0	13.2	8.2	18.8	8.2
2	4.5	12.2	9.5	16.7	7.4	15.9	4.9	7.0	8.4	6.4	9.1	6.0
3	4.1	8.9	7.6	20.6	11.5	8.5	13.4	24.1	8.0	6.4	5.8	8.2
4	3.7	4.5	13.0	8.9	12.4	6.0	7.0	13.0	5.2	13.8	17.5	8.2
5	3.9	19.2	5.6	9.1	5.4	9.3	8.9	7.2	10.1	12.4	13.0	6.0
6	4.3	7.0	6.2	12.0	10.1	17.7	9.7	8.5	10.7	12.6	6.2	4.3
7	4.9	12.0	11.5	14.0	13.0	9.1	8.5	8.2	7.8	8.2	8.5	4.7
8	4.7	9.5	13.8	18.8	13.0	13.4	17.7	7.4	7.4	7.6	8.7	4.9
9	6.6	6.2	6.4	13.0	15.3	13.4	9.7	8.2	11.8	6.8	6.8	5.0
10	8.2	4.1	8.2	9.1	8.4	8.7	11.5	6.8	8.0	5.4	4.1	3.3
11	6.4	3.9	7.6	7.4	8.4	12.6	12.4	8.0	11.7	6.6	4.5	3.7
12	4.9	4.9	11.1	7.4	5.0	10.5	7.2	7.8	7.8	7.4	15.5	5.8
13	5.0	5.8	7.4	10.5	5.2	14.2	8.0	13.2	6.4	3.9	9.1	8.5
14	5.8	6.6	8.0	17.1	10.3	8.0	6.2	11.8	5.2	5.2	6.2	6.0
15	5.2	7.0	8.5	9.7	14.2	7.8	7.6	7.4	5.6	10.1	9.1	5.6
16	5.2	16.1	16.3	9.5	12.8	12.6	7.0	6.4	15.0	8.7	8.0	5.0
17	8.2	13.6	14.2	8.9	10.7	12.2	8.0	7.4	6.0	14.8	11.8	2.9
18	7.6	7.8	12.0	13.2	11.1	8.2	7.2	19.0	4.3	8.0	16.3	5.2
19	13.0	19.6	15.9	10.5	6.0	15.9	9.7	5.2	3.9	5.4	8.5	8.4
20	9.5	15.5	13.0	10.5	8.7	8.0	8.0	7.6	7.2	4.3	10.1	6.4
21	4.9	4.9	17.9	21.4	7.0	9.7	7.4	9.9	7.8	6.0	8.2	13.0
22	14.0	10.5	6.4	7.2	16.7	4.3	9.3	4.9	7.8	9.5	6.8	9.5
23	9.1	8.5	7.4	8.7	16.5	8.9	8.4	7.4	5.2	10.5	5.6	9.9
24	9.7	9.5	14.8	5.4	9.1	9.7	7.6	10.7	3.5	9.7	7.2	5.2
25	5.0	12.8	13.8	8.9	9.1	11.1	17.9	10.5	5.2	13.8	18.1	5.4
26	7.4	16.5	7.6	17.3	12.8	8.5	5.2	12.6	8.5	12.4	9.5	5.8
27	4.5	8.4	8.4	8.4	9.7	6.2	16.5	5.6	6.8	8.5	5.2	5.4
28	3.1	8.7	16.7	12.4	16.1	15.1	8.0	10.1	6.0	4.3	5.6	5.2
29	5.0		9.1	15.7	17.3	13.6	7.2	11.1	8.4	4.3	4.5	7.8
30	7.6		12.4	11.1	9.5	11.3	15.7	11.5	9.5	4.5	7.2	11.5
31	15.5		18.4		7.2		8.5	15.5		5.0		12.8
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	15.5	19.6	18.4	21.4	17.3	17.7	17.9	24.1	15.0	14.8	18.8	13.0
MEAN:	6.65	9.93	10.75	11.61	10.80	10.68	9.40	9.71	7.75	8.09	9.18	6.70
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	9.26	ANNUAL MAX:	24.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61104) Wind Direction - Resultant

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT: 10

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	284.0	323.0	356.0	290.0	350.0	226.0	135.0	334.0	253.0	286.0	350.0	318.0
2	327.0	36.0	222.0	238.0	349.0	289.0	288.0	356.0	305.0	279.0	358.0	337.0
3	359.0	335.0	311.0	342.0	294.0	331.0	269.0	350.0	349.0	231.0	296.0	342.0
4	358.0	340.0	352.0	304.0	326.0	259.0	327.0	340.0	299.0	178.0	275.0	357.0
5	357.0	325.0	198.0	230.0	298.0	278.0	360.0	279.0	326.0	175.0	360.0	353.0
6	355.0	342.0	344.0	306.0	344.0	276.0	317.0	304.0	316.0	278.0	200.0	344.0
7	355.0	305.0	276.0	200.0	238.0	296.0	339.0	288.0	357.0	352.0	324.0	314.0
8	356.0	346.0	308.0	253.0	236.0	353.0	308.0	357.0	360.0	355.0	342.0	343.0
9	329.0	124.0	334.0	241.0	316.0	337.0	311.0	305.0	259.0	343.0	356.0	349.0
10	302.0	106.0	192.0	311.0	329.0	317.0	336.0	305.0	157.0	257.0	343.0	359.0
11	302.0	343.0	248.0	314.0	359.0	302.0	321.0	310.0	305.0	304.0	299.0	307.0
12	355.0	109.0	323.0	299.0	318.0	295.0	341.0	351.0	311.0	360.0	230.0	346.0
13	355.0	302.0	316.0	319.0	143.0	322.0	334.0	301.0	357.0	352.0	261.0	351.0
14	351.0	325.0	358.0	320.0	349.0	355.0	291.0	306.0	349.0	350.0	230.0	328.0
15	329.0	303.0	319.0	345.0	214.0	344.0	325.0	245.0	206.0	204.0	316.0	324.0
16	326.0	195.0	250.0	351.0	288.0	325.0	170.0	286.0	307.0	266.0	333.0	349.0
17	327.0	315.0	335.0	280.0	271.0	359.0	309.0	321.0	291.0	350.0	167.0	341.0
18	344.0	276.0	176.0	314.0	341.0	274.0	307.0	340.0	346.0	292.0	211.0	328.0
19	350.0	240.0	259.0	340.0	234.0	314.0	334.0	350.0	287.0	316.0	318.0	327.0
20	331.0	272.0	240.0	262.0	312.0	350.0	332.0	304.0	356.0	307.0	194.0	298.0
21	342.0	250.0	240.0	333.0	354.0	353.0	267.0	318.0	349.0	296.0	310.0	338.0
22	340.0	210.0	278.0	352.0	351.0	330.0	263.0	327.0	326.0	346.0	302.0	345.0
23	344.0	243.0	288.0	351.0	333.0	271.0	337.0	330.0	342.0	323.0	347.0	348.0
24	335.0	252.0	230.0	313.0	322.0	267.0	345.0	349.0	336.0	258.0	336.0	359.0
25	329.0	206.0	288.0	288.0	299.0	264.0	310.0	291.0	302.0	312.0	332.0	358.0
26	351.0	210.0	354.0	316.0	331.0	307.0	282.0	310.0	337.0	347.0	356.0	344.0
27	354.0	306.0	273.0	294.0	335.0	275.0	351.0	355.0	308.0	355.0	348.0	305.0
28	351.0	266.0	335.0	237.0	303.0	269.0	358.0	341.0	343.0	335.0	330.0	309.0
29	328.0		342.0	317.0	284.0	293.0	356.0	324.0	355.0	324.0	320.0	326.0
30	299.0		322.0	356.0	356.0	303.0	168.0	329.0	232.0	355.0	359.0	328.0
31	325.0		328.0		252.0		352.0	229.0		118.0		358.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	359.0	346.0	358.0	356.0	359.0	359.0	360.0	357.0	360.0	360.0	360.0	359.0
MEAN:	337.10	257.32	290.16	300.53	304.16	304.47	304.61	317.26	310.87	296.90	303.43	336.55
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	305.68	ANNUAL MAX:	360.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 STATE: (49) Utah
 AOCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003
 MONITOR COMMENTS:

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service

MONITOR TYPE: NON-EPA FEDERAL

COLLECTION AND ANALYSIS METHOD: (021) INSTRUMENTAL ARITH STD DEV LEVEL 1

PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	49.0	54.0	50.0	73.0	29.0	32.0	54.0	46.0	42.0	58.0	39.0	66.0
2	57.0	53.0	33.0	36.0	71.0	31.0	67.0	64.0	61.0	55.0	51.0	49.0
3	51.0	48.0	51.0	42.0	46.0	67.0	56.0	63.0	61.0	36.0	52.0	29.0
4	68.0	56.0	67.0	70.0	43.0	64.0	63.0	65.0	64.0	42.0	30.0	29.0
5	68.0	58.0	42.0	37.0	59.0	47.0	67.0	50.0	60.0	28.0	48.0	60.0
6	57.0	65.0	59.0	48.0	43.0	41.0	55.0	53.0	51.0	46.0	36.0	58.0
7	67.0	34.0	36.0	39.0	38.0	52.0	69.0	45.0	56.0	54.0	33.0	48.0
8	60.0	59.0	41.0	40.0	34.0	44.0	53.0	51.0	64.0	45.0	43.0	47.0
9	51.0	56.0	61.0	28.0	38.0	54.0	69.0	56.0	39.0	59.0	49.0	51.0
10	46.0	21.0	38.0	50.0	59.0	76.0	55.0	71.0	61.0	41.0	42.0	52.0
11	53.0	50.0	71.0	60.0	65.0	70.0	72.0	57.0	60.0	51.0	75.0	54.0
12	50.0	49.0	40.0	68.0	63.0	49.0	56.0	62.0	59.0	42.0	30.0	58.0
13	56.0	55.0	56.0	43.0	65.0	68.0	60.0	66.0	57.0	59.0	37.0	54.0
14	56.0	55.0	48.0	19.0	64.0	42.0	55.0	51.0	64.0	60.0	49.0	33.0
15	57.0	46.0	71.0	62.0	38.0	61.0	56.0	64.0	74.0	47.0	58.0	28.0
16	60.0	25.0	27.0	57.0	34.0	42.0	52.0	70.0	64.0	61.0	32.0	67.0
17	50.0	37.0	61.0	49.0	50.0	61.0	56.0	71.0	51.0	45.0	26.0	56.0
18	42.0	31.0	72.0	41.0	43.0	56.0	78.0	61.0	54.0	60.0	29.0	51.0
19	47.0	26.0	31.0	45.0	38.0	35.0	52.0	61.0	68.0	58.0	57.0	36.0
20	63.0	37.0	29.0	50.0	51.0	67.0	73.0	71.0	49.0	48.0	29.0	48.0
21	52.0	53.0	33.0	37.0	67.0	64.0	56.0	61.0	31.0	52.0	70.0	51.0
22	47.0	32.0	61.0	61.0	55.0	57.0	45.0	70.0	42.0	27.0	49.0	33.0
23	45.0	65.0	77.0	42.0	54.0	57.0	64.0	55.0	49.0	63.0	48.0	64.0
24	48.0	34.0	32.0	40.0	59.0	41.0	55.0	77.0	55.0	36.0	59.0	50.0
25	53.0	25.0	28.0	44.0	69.0	51.0	74.0	66.0	69.0	52.0	47.0	54.0
26	43.0	51.0	58.0	63.0	33.0	50.0	51.0	62.0	37.0	37.0	56.0	49.0
27	54.0	29.0	38.0	66.0	53.0	64.0	70.0	60.0	59.0	53.0	53.0	56.0
28	68.0	34.0	62.0	59.0	49.0	33.0	52.0	57.0	59.0	54.0	65.0	53.0
29	55.0		71.0	27.0	30.0	63.0	60.0	59.0	55.0	56.0	62.0	64.0
30	42.0		27.0	61.0	45.0	39.0	59.0	56.0	68.0	45.0	64.0	62.0
31	40.0		58.0		70.0		66.0	37.0		42.0		30.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	68.0	65.0	77.0	73.0	71.0	76.0	78.0	77.0	74.0	63.0	75.0	67.0
MEAN:	53.39	44.21	49.32	48.57	50.16	52.60	60.32	59.94	56.10	48.77	47.27	49.68
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	51.76	ANNUAL MAX:	78.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12	25	50	67	47	78	83	83	86	77	56	39
2	11	9	53	71	52	70	91	86	85	70	39	35
3	15	21	51	64	64	69	93	87	83	71	46	33
4	21	31	44	46	62	81	90	84	84	64	57	25
5	22	41	49	66	67	84	81	86	84	56	45	24
6	23	33	47	58	74	82	87	87	69	53	38	27
7	26	42	42	56	75	74	87	87	72	48	38	30
8	28	32	41	49	72	77	83	87	76	45	38	33
9	28	22	49	45	61	74	80	89	72	52	41	36
10	19	27	55	46	51	77	79	89	70	59	42	36
11	15	34	61	54	55	79	81	88	71	63	38	36
12	22	40	59	61	62	79	75	89	72	63	49	34
13	24	43	52	60	71	78	76	92	73	67	44	37
14	31	47	59	51	70	79	84	79	67	71	50	35
15	34	48	59	53	73	85	84	83	61	77	49	33
16	38	53	63	64	65	82	87	89	68	75	42	32
17	49	45	53	70	57	72	89	92	64	65	46	33
18	41	47	53	64	53	78	87	90	70	59	51	31
19	39	50	55	57	46	72	83	86	74	62	47	37
20	32	36	55	65	53	70	86	87	77	64	50	36
21	37	37	53	65	64	77	89	87	74	67	47	35
22	41	42	43	54	71	85	89	88	75	64	48	24
23	34	44	50	47	64	89	89	90	76	65	49	31
24	35	43	46	46	55	88	92	93	78	68	49	31
25	33	42	47	53	64	86	91	88	79	64	49	35
26	37	41	44	44	74	85	71	87	77	45	37	35
27	39	41	51	47	74	87	77	89	79	42	40	35
28	41	47	50	62	78	91	82	85	79	47	40	37
29	43		46	58	74	89	87	85	81	50	47	41
30	46		53	42	59	75	87	86	79	53	49	48
31	37		65		72		83	86		57		48
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	49.	53.	65.	71.	78.	91.	93.	93.	86.	77.	57.	48.
MEAN:	30.7	38.0	51.5	56.2	63.8	79.7	84.6	87.2	75.2	60.7	45.4	34.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		59.1	ANNUAL MAX:		93.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 STATE: (49) Utah
 AOCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003-AH ANALYZER, DASIBI 1003-AH ANALYZER
 MONITOR COMMENTS:

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service

MONITOR TYPE: NON-EPA FEDERAL

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	85	79	40	27	60	16	45	67	46	35	69	55
2	85	39	36	20	39	14	28	58	48	42	94	69
3	84	37	62	86	41	33	27	55	22	49	72	94
4	89	45	61	48	45	16	40	59	18	83	72	60
5	89	62	40	26	26	15	54	55	64	75	94	78
6	88	62	47	55	17	16	47	23	86	88	68	39
7	82	92	92	64	20	21	48	16	75	87	94	39
8	80	92	84	46	24	16	76	17	48	93	82	39
9	84	50	47	51	86	43	71	32	54	70	64	42
10	62	64	52	52	74	30	69	37	55	56	59	49
11	74	53	32	51	75	26	77	24	67	55	65	53
12	70	51	53	34	58	18	73	21	64	44	53	94
13	65	51	60	45	40	32	78	30	52	24	83	94
14	71	52	35	59	35	40	67	82	95	23	81	83
15	79	37	46	33	43	25	19	82	87	29	66	92
16	80	40	33	31	27	38	29	41	87	24	52	91
17	74	68	88	33	90	43	64	27	94	58	38	86
18	56	54	92	82	92	41	67	43	79	38	43	79
19	63	88	29	75	95	84	85	51	57	32	56	80
20	54	71	29	44	94	64	66	38	45	26	53	67
21	59	77	66	86	68	54	36	55	34	28	62	69
22	92	65	68	52	57	32	17	45	34	29	60	89
23	68	56	50	78	69	18	12	39	26	38	63	54
24	65	57	60	93	91	16	20	27	23	31	61	68
25	92	54	54	89	65	14	91	50	22	89	64	60
26	85	68	92	93	34	21	95	59	26	94	33	56
27	73	55	93	51	39	27	96	45	31	49	34	63
28	63	68	77	37	45	17	72	70	25	61	34	60
29	62		34	44	32	44	36	60	26	60	31	58
30	62		51	56	39	43	53	56	33	63	39	55
31	83		52		36		75	45		52		54
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	92.	92.	93.	93.	95.	84.	96.	82.	95.	94.	94.	94.
MEAN:	74.8	60.3	56.6	54.7	53.4	30.6	55.9	45.5	50.8	52.4	61.3	66.7
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		55.3	ANNUAL MAX:		96.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(65102) Rain/melt precipitation

SITE ID: 49-037-0101 POC: 1
 COUNTY: (037) San Juan
 CITY: (00000) Not in a city
 STATE: (49) Utah
 AOCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL
 SITE ADDRESS: CANYONLANDS NATIONAL PARK, UTAH
 SITE COMMENTS: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003
 MONITOR COMMENTS:

CAS NUMBER:
 LATITUDE: 38.45
 LONGITUDE: -109.816667
 UTM ZONE: 12
 UTM NORTHING: 4256202
 UTM EASTING: 603260
 ELEVATION-MSL: 1814
 PROBE HEIGHT: 1

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) BUCKET CONTINUOUS OR INCREMENTAL
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00
3	.01	.00	.02	.04	.00	.00	.00	.02	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.12	.00	.14	.00	.00
5	.00	.00	.00	.00	.00	.00	.01	.00	.26	.00	.12	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.06	.07	.00	.00
7	.00	.03	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.02	.00	.00	.00	.00	.13	.00	.00	.02	.00	.00
9	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
13	.00	.00	.00	.00	.00	.00	.23	.00	.00	.00	.06	.03
14	.00	.00	.00	.00	.00	.00	.00	.01	.31	.00	.00	.01
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00
17	.00	.00	.00	.00	.03	.00	.17	.00	.12	.00	.00	.00
18	.00	.00	.00	.15	.10	.00	.19	.00	.00	.00	.00	.00
19	.00	.07	.00	.00	.12	.08	.35	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.01	.00	.00	.02	.00	.00	.00	.00
21	.00	.00	.00	.06	.00	.00	.00	.02	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.15	.11	.00	.00	.00	.00	.00	.00	.00
25	.02	.00	.00	.07	.00	.00	.13	.02	.00	.04	.00	.00
26	.00	.00	.02	.01	.00	.00	.03	.00	.00	.10	.00	.00
27	.00	.00	.00	.00	.00	.00	.57	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.11	.00	.13	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	.02	.07	.06	.15	.12	.11	.57	.13	.31	.14	.12	.04
MEAN:	.001	.004	.003	.016	.015	.006	.059	.011	.026	.012	.007	.003
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	.014		ANNUAL MAX:	.57					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-045-0003 POC: 1
 COUNTY: (045) Tooele
 CITY: (76680) Tooele
 SITE ADDRESS: 434 NORTH 50 WEST, TOOELE, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.543371
 LONGITUDE: -112.298814
 UTM ZONE: 12
 UTM NORTHING: 4488683
 UTM EASTING: 390013
 ELEVATION-MSL: 1511
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.6	10.6	4.4	6.5	7.1	17.5	5.6	6.2	5.3	10.4	9.3	11.6
2	4.9	4.3	8.2	11.7	5.8	13.5	5.2	7.1	5.2	10.2	6.5	5.1
3	3.9	5.0	6.9	5.8	9.4	5.9	8.8	6.2	5.4	9.0	20.1	5.0
4	3.6	3.8	4.3	5.5	6.1	5.1	10.6	10.1	5.5	9.2	21.4	4.0
5	4.4	9.1	8.5	9.4	6.1	11.1	6.8	6.2	5.2	20.8	5.4	3.9
6	3.5	4.4	7.4	15.4	6.1	14.8	5.9	6.9	8.4	6.2	6.0	3.5
7	3.1	13.6	5.1	18.3	5.7	5.9	10.7	7.7	5.6	4.9	4.4	3.1
8	3.6	6.8	4.6	8.5	10.8	8.0	5.1	6.3	6.3	6.2	4.3	3.4
9	5.5	5.6	6.1	4.3	7.7	9.6	7.9	7.4	5.9	4.9	3.9	3.2
10	6.3	4.6	18.1	5.1	6.7	6.3	9.7	6.8	6.7	6.6	3.9	3.8
11	3.5	4.8	5.2	6.5	5.3	5.6	10.4	6.5	7.8	6.7	9.7	3.9
12	3.6	3.9	4.9	6.1	5.3	6.6	8.5	5.5	7.3	5.3	13.6	3.2
13	4.3	5.2	8.3	13.6	5.7	6.3	10.5	11.4	5.9	4.3	5.1	2.6
14	3.6	10.4	8.0	7.8	14.2	6.1	11.3	8.9	5.5	4.3	7.3	2.8
15	4.9	16.2	10.4	6.9	15.8	5.9	9.6	8.7	4.6	4.1	4.8	3.2
16	4.2	20.8	14.0	6.2	5.7	10.7	13.2	5.6	7.2	5.2	4.5	3.5
17	7.0	8.0	5.3	8.2	6.3	5.6	12.8	5.9	7.1	4.8	10.1	3.5
18	8.2	17.5	15.9	6.7	4.3	8.3	8.2	6.0	5.6	4.3	8.4	3.5
19	9.6	11.4	17.2	6.3	5.9	7.9	11.7	5.6	6.0	3.9	3.6	3.0
20	4.1	10.7	12.2	6.5	7.1	6.4	5.1	9.2	5.5	4.5	4.2	3.0
21	5.6	7.7	16.0	14.2	5.2	6.0	5.6	8.5	5.3	4.4	4.0	8.4
22	10.9	9.8	7.7	6.4	7.6	5.4	11.3	7.3	5.2	4.3	7.3	6.1
23	4.1	6.1	7.6	5.4	9.6	7.1	5.0	6.3	5.2	3.9	12.5	4.0
24	4.2	9.8	12.0	6.8	6.3	5.5	7.1	9.6	4.8	9.1	14.5	3.2
25	4.3	19.5	13.0	8.5	16.9	5.6	11.6	9.2	7.0	5.0	11.5	4.9
26	4.4	4.6	9.0	11.6	18.4	6.4	10.8	7.9	5.4	7.1	4.8	4.0
27	3.8	4.1	9.5	6.9	6.4	5.9	6.1	7.5	4.9	4.8	4.0	4.4
28	3.8	5.1	10.3	11.9	5.9	13.7	5.5	10.9	4.3	3.8	3.6	3.5
29	3.5		5.9	10.8	4.4	13.2	5.8	8.9	4.7	5.1	4.5	8.8
30	3.5		5.2	7.9	7.4	5.5	7.8	11.5	8.0	4.5	9.9	14.1
31	6.6		5.2		10.4		7.0	12.1		4.5		7.9
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	10.9	20.8	18.1	18.3	18.4	17.5	13.2	12.1	8.4	20.8	21.4	14.1
MEAN:	4.87	8.69	8.92	8.52	7.92	8.05	8.43	7.87	5.89	6.20	7.77	4.78
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	7.31	ANNUAL MAX:	21.4						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-045-0003 POC: 1
 COUNTY: (045) Tooele
 CITY: (76680) Tooele
 SITE ADDRESS: 434 NORTH 50 WEST, TOOEELE, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.543371
 LONGITUDE: -112.298814
 UTM ZONE: 12
 UTM NORTHING: 4488683
 UTM EASTING: 390013
 ELEVATION-MSL: 1511
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	330	360	350	356	358	191	356	355	356	227	346	359
2	359	353	353	357	346	359	360	353	353	217	356	350
3	350	336	344	325	354	360	355	359	355	228	348	356
4	346	356	357	346	359	352	205	359	346	257	359	353
5	341	359	241	349	355	295	354	356	357	235	346	338
6	353	348	359	329	358	255	355	354	352	336	358	316
7	350	357	356	335	354	359	351	348	353	344	340	357
8	354	357	188	324	345	353	358	354	358	357	355	357
9	346	357	348	344	353	358	349	355	349	345	354	350
10	263	354	229	310	354	352	349	356	354	344	358	356
11	355	359	351	352	359	359	328	356	224	360	359	353
12	360	360	349	359	350	358	335	347	358	350	209	351
13	349	358	260	353	356	350	213	349	352	354	344	340
14	359	202	359	358	321	357	209	350	343	357	305	359
15	359	212	360	353	340	360	220	355	334	351	323	355
16	358	321	348	351	359	357	254	346	355	356	353	352
17	357	228	356	352	355	355	356	356	354	353	281	359
18	344	244	214	348	357	347	217	349	354	348	352	358
19	349	323	354	357	354	356	323	360	360	356	312	356
20	360	355	320	328	358	357	357	340	358	357	354	357
21	340	327	219	344	353	351	355	323	354	355	348	347
22	354	340	356	359	358	331	351	333	359	358	222	349
23	348	347	271	356	359	357	353	354	356	354	183	353
24	344	335	229	357	354	355	353	354	346	350	211	329
25	349	317	348	339	341	348	222	239	350	358	355	347
26	346	360	235	358	360	357	348	341	351	355	347	351
27	349	352	308	356	349	356	357	360	346	350	357	343
28	353	352	337	359	352	197	352	347	359	354	354	340
29	353		359	351	341	219	360	343	340	359	357	354
30	359		337	356	277	359	360	357	357	357	359	306
31	357		354		226		350	247		336		359
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	360.	360.	359.	360.	360.	360.	360.	360.	360.	359.	359.
MEAN:	348.2	329.6	314.5	347.4	345.6	334.0	321.5	343.7	348.1	332.8	326.8	348.7
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		336.8		ANNUAL MAX:		360.			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-045-0003 POC: 3
 COUNTY: (045) Tooele
 CITY: (76680) Tooele
 SITE ADDRESS: 434 NORTH 50 WEST, TOOEELE, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.543371
 LONGITUDE: -112.298814
 UTM ZONE: 12
 UTM NORTHING: 4488683
 UTM EASTING: 390013
 ELEVATION-MSL: 1511
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SPECIAL PURPOSE
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	22.4	10.0	16.2	9.5	8.7	11.4	7.1	5.7	15.4	4.2	6.5	5.7
2	12.9	14.9	13.0	18.9	8.2	4.9	12.5	6.6	9.4	3.0	8.4	11.1
3	28.0	17.2	13.8	9.7	9.8	5.4	15.6	21.8	5.5	17.4	12.0	7.9
4	53.2	29.9	8.7	7.9	8.7	13.0	12.5	3.7	5.6	5.6	45.7	11.0
5	34.4	24.8	7.8	10.4	8.2	5.1	6.0	4.2	7.6	3.9	5.2	10.9
6	53.3	17.3	10.8	12.4	10.7	14.3	4.4	5.3	7.2	6.6	4.5	13.4
7	59.4	10.3	9.3	11.7	10.5	1.9	4.8	3.8	8.9	4.4	13.8	22.2
8	57.6	10.6	23.0	9.7	8.7	5.1	6.2	5.4	8.2	7.9	12.9	29.5
9	53.6	10.2	7.9	13.0	8.4	3.3	4.5	4.5	6.4	14.3	19.8	24.0
10	12.4	9.0	18.3	9.1	7.2	6.6	5.7	5.2	6.2	8.7	29.9	27.0
11	25.9	14.5	19.1	9.4	8.0	5.7	5.2	4.3	4.3	5.9	26.4	43.5
12	44.6	15.8	10.3	11.1	10.0	5.1	4.3	7.0	7.2	11.0	8.0	41.5
13	42.7	11.4	9.2	14.8	10.1	6.5	3.7	9.8	4.4	18.1	9.3	27.1
14	60.5	18.6	12.5	11.1	11.1	3.3	3.8	4.5	7.5	11.7	9.7	18.1
15	39.0	13.0	11.0	18.4	46.4	5.0	2.6	30.3	7.5	12.5	8.7	21.6
16	23.4	28.6	22.0	17.7	9.5	5.2	3.5	39.8	5.9	12.4	10.9	30.5
17	9.3	7.6	9.3	9.6	8.9	2.7	3.4	11.1	6.2	6.2	8.1	24.3
18	11.1	6.8	27.6	7.9	7.3	3.4	4.6	5.4	7.0	6.9	8.4	29.6
19	8.5	9.0	23.2	10.9	9.1	2.1	6.3	6.8	5.1	12.2	13.4	20.3
20	12.0	7.0	17.9	11.7	9.5	2.4	4.3	8.4	4.9	9.4	24.1	28.9
21	17.9	8.8	16.2	14.7	11.0	6.1	5.3	3.9	5.3	14.0	17.2	19.5
22	15.9	7.9	6.7	10.7	10.0	4.4	5.9	3.7	5.4	8.1	9.8	5.9
23	15.9	10.3	7.2	12.2	9.9	6.2	28.0	12.2	6.0	11.2	7.3	10.0
24	18.8	16.2	11.3	12.0	6.8	6.8	6.9	6.5	4.6	9.9	4.5	20.0
25	25.7	12.5	11.9	11.4	4.8	5.4	6.1	7.6	5.8	14.1	9.9	27.9
26	19.2	12.0	9.5	6.4	14.7	4.8	4.7	5.8	4.9	6.9	15.8	23.2
27	25.3	11.4	9.9	6.5	4.3	5.7	4.6	11.0	7.0	8.5	18.1	34.1
28	39.5	13.6	8.0	9.7	6.7	10.9	4.8	11.2	10.2	14.7	22.3	12.6
29	41.1		7.5	8.0	4.7	7.4	6.7	5.5	9.1	14.8	28.2	8.9
30	39.6		9.1	7.9	2.2	49.9	4.9	6.4	11.8	9.0	19.4	9.3
31	20.1		10.2		8.0		4.3	16.7		20.2		11.9
NO.:	31	28	31	30	30	30	31	31	30	31	30	31
MAX:	60.5	29.9	27.6	18.9	46.4	49.9	28.0	39.8	15.4	20.2	45.7	43.5
MEAN:	30.43	13.54	12.85	11.15	9.84	7.33	6.55	8.96	7.19	9.99	14.70	20.55
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	12.79	ANNUAL MAX:	60.5						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-045-6001 POC: 1
 COUNTY: (045) Tooele
 CITY: (00000) Not in a city
 SITE ADDRESS: NO STREET ADDRESS; NOT NEAR A CITY
 SITE COMMENTS: MET ONLY SITE, LOCATED ON BADGER ISLAND IN THE GREAT SALT LAKE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.943889
 LONGITUDE: -112.563889
 UTM ZONE: 12
 UTM NORTHING: 4533480
 UTM EASTING: 368360
 ELEVATION-MSL: 1282
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.5	29.8	7.4	10.9	17.3	24.9	15.7		19.5	16.9	24.5	34.4
2	6.2	8.2	12.4	26.1	12.9	22.8	13.6		18.6	21.3	16.0	16.4
3	8.2	6.4	12.8	21.1	26.1	10.2	19.2		13.0	21.7	8.4	25.5
4	5.2	5.7	11.1	16.1	13.8	11.4	21.1		12.9	22.8	27.8	21.6
5	4.8	14.8	14.7	28.8	11.4	14.8	12.6		16.4	32.7	17.8	19.1
6	8.9	12.1	10.1	20.5	11.5	25.2	14.2		15.1	22.7	12.0	15.5
7	5.5	28.2	21.3	23.2	14.8	13.7	22.8		14.1	22.8	15.0	6.9
8	6.9	19.8	18.2	17.5	22.4	30.7	21.9		13.3	13.6	10.3	5.4
9	10.5	12.9	12.6	18.2	23.4	18.3	27.3		14.7	10.5	7.1	7.7
10	14.8	11.3	25.3	17.1	8.5	13.5	27.5		17.3	14.2	7.6	7.1
11	7.5	8.5	14.7	17.8	9.4	17.2	19.6		19.3	14.9	7.6	4.9
12	6.5	7.2	13.7	11.8	12.3	16.2	24.4		13.2	9.1	24.4	5.5
13	9.7	8.8	13.0	40.6	11.1	12.9	24.6		10.0	8.9	13.6	9.5
14	5.5	12.8	13.8	23.4	31.5	11.3	24.4		14.4	8.5	17.5	12.9
15	6.3	23.6	14.6	13.1	33.8	21.8	16.8		13.1	8.9	10.7	5.6
16	16.9	31.8	23.7	11.7	17.9	28.2	22.1		18.8	28.7	9.4	7.5
17	20.3	16.8	11.5	17.9	16.1	9.7	19.8		22.8	16.2	18.2	10.8
18	18.3	13.2	16.5	12.4	16.7	24.3	26.9		10.6	10.6	25.5	6.1
19	22.1	18.8	25.4	15.2	20.4	19.2	22.0	13.9	12.7	7.9	19.6	6.4
20	10.9	20.7	24.3	15.6	18.2	13.2	13.7		12.9	10.2	11.1	9.8
21	8.6	10.9	28.4	29.4	14.6	10.6	10.7		11.0	9.0	7.7	18.1
22	22.5	17.6	20.4	14.2	21.7	11.2	15.4		10.2	9.2	6.4	13.5
23	12.4	8.8	15.5	12.9	17.5	12.0	10.5		10.2	10.3	6.1	9.6
24	7.5	13.5	19.8	18.4	19.2	11.1	11.1		10.4	11.6	14.4	7.6
25	8.2	21.7	19.5	22.2	23.1	13.6	28.4		11.0	15.9	25.4	7.7
26	7.7	13.6	18.1	23.8	28.7	21.7	26.6		16.3	19.1	14.2	6.9
27	6.9	13.9	17.1	15.9	15.2	19.1	15.0	25.9	9.8	14.0	6.9	7.4
28	6.6	16.8	23.4	29.8	18.6	23.4	15.4	15.5	8.2	10.1	7.8	5.9
29	5.6		9.7	20.9	10.1	31.6	13.0	22.5	10.9	10.7	8.9	11.6
30	7.2		14.3	17.6	20.9	17.0	17.7	23.4	11.8	9.4	23.4	29.4
31	16.3		16.2		19.5		16.3	25.4		11.7		30.1
NO.:	31	28	31	30	31	30	31	6	30	31	30	31
MAX:	22.5	31.8	28.4	40.6	33.8	31.6	28.4	25.9	22.8	32.7	27.8	34.4
MEAN:	10.19	15.29	16.76	19.47	18.02	17.69	19.04	21.10	13.75	14.65	14.18	12.46
ANNUAL OBSERVATIONS:		340		ANNUAL MEAN:	15.68		ANNUAL MAX:	40.6				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-045-6001 POC: 1
 COUNTY: (045) Tooele
 CITY: (00000) Not in a city
 SITE ADDRESS: NO STREET ADDRESS; NOT NEAR A CITY
 SITE COMMENTS: MET ONLY SITE, LOCATED ON BADGER ISLAND IN THE GREAT SALT LAKE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.943889
 LONGITUDE: -112.563889
 UTM ZONE: 12
 UTM NORTHING: 4533480
 UTM EASTING: 368360
 ELEVATION-MSL: 1282
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	307	347	332	338	300	233	357				358	360
2	353	314	338	358	204	343	93				355	355
3	350	360	344	327	347	357	211				333	358
4	348	344	300	229	331	352	213				326	355
5	335	347	245	354	338	326	350				334	350
6	338	343	359	305	322	307	241				273	357
7	355	338	348	357	342	356	355				356	345
8	341	354	291	336	350	357	357				340	279
9	329	52	203	350	348	335	271				263	334
10	208	206	312	271	346	130	263				308	284
11	350	341	355	341	359	351	179				330	356
12	342	347	355	353	346	352	172				323	312
13	331	359	263	321	350	350	201				343	354
14	355	354	351	304	283	117	193				315	349
15	345	237	316	308	332	350	244				359	353
16	338	295	357	293	348	357	192				295	353
17	325	219	357	351	262	202	193				346	264
18	235	244	197	349	277	334	170				359	346
19	345	245	289	358	351	332	342	70			346	352
20	354	344	183	296	358	297	325				357	335
21	343	340	334	338	263	256	320				360	358
22	347	356	355	340	339	328	358				359	357
23	349	350	350	116	325	340	337				358	336
24	265	351	233	301	316	344	167			355	350	261
25	353	335	313	347	220	351	296			345	345	334
26	355	352	207	338	358	360	191			355	303	343
27	245	333	337	265	328	113	312	275		290	340	344
28	355	323	352	341	356	207	360	260		274	348	346
29	219		339	351	353	319	183	190		223	351	336
30	358		304	357	259	352	356	204		250	356	322
31	360		327		208		337	325		348		330
NO.:	31	28	31	30	31	30	31	6	0	8	30	31
MAX:	360.	360.	359.	358.	359.	360.	360.	325.		355.	360.	360.
MEAN:	326.9	311.8	307.9	319.8	316.7	303.6	262.5	220.7		305.0	336.3	336.1
ANNUAL OBSERVATIONS:	287		ANNUAL MEAN:		311.3	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-045-6001 POC: 1
 COUNTY: (045) Tooele
 CITY: (00000) Not in a city
 SITE ADDRESS: NO STREET ADDRESS; NOT NEAR A CITY
 SITE COMMENTS: MET ONLY SITE, LOCATED ON BADGER ISLAND IN THE GREAT SALT LAKE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.943889
 LONGITUDE: -112.563889
 UTM ZONE: 12
 UTM NORTHING: 4533480
 UTM EASTING: 368360
 ELEVATION-MSL: 1282
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Degrees Compass

MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	25.1	11.7	46.3	44.0	47.4	20.4	14.0				46.5	9.1
2	30.7	63.8	40.2	17.5	29.5	41.3	12.1				28.4	46.6
3	29.1	46.3	46.3	44.8	43.3	19.7	36.2				48.6	22.6
4	44.5	50.2	45.7	20.0	26.7	45.2	17.9				44.0	34.1
5	29.8	41.3	42.2	33.2	58.0	38.1	33.8				23.2	18.8
6	50.4	53.0	37.0	73.1	45.4	57.8	27.5				33.4	26.7
7	56.0	16.9	21.1	42.6	45.0	36.0	26.2				15.4	22.1
8	46.7	20.6	16.5	26.9	29.2	41.9	39.1				25.9	34.5
9	55.1	14.3	30.0	25.4	43.2	28.5	54.2				40.5	39.6
10	19.5	23.3	28.5	15.8	30.1	37.4	38.4				30.1	41.5
11	35.3	46.7	47.2	36.9	51.9	47.1	48.8				31.1	35.2
12	23.9	38.1	51.8	52.9	51.4	25.4	35.4				28.7	47.6
13	39.7	47.5	35.7	41.7	35.9	24.6	41.0				30.2	23.1
14	40.2	51.2	39.6	26.6	46.6	51.4	46.3				29.9	45.8
15	38.9	37.8	49.5	44.6	15.7	47.7	21.9				35.3	44.9
16	43.2	18.3	37.0	24.4	29.1	29.1	44.4				68.0	21.7
17	38.9	17.9	16.4	16.6	38.0	46.3	12.4				53.1	47.2
18	30.9	41.8	34.1	38.9	28.4	21.0	18.1				15.2	54.3
19	18.0	30.6	20.0	57.7	20.6	19.9	18.2	11.6			27.6	36.8
20	38.9	47.1	20.6	40.2	55.1	32.1	28.8				42.4	43.7
21	37.9	40.7	54.1	22.6	16.0	29.6	40.6				25.2	30.9
22	53.7	23.4	39.1	33.6	24.5	38.4	47.4				57.5	56.8
23	29.2	23.8	61.5	29.4	51.7	32.5	43.0				48.0	44.8
24	52.6	38.2	20.9	30.3	14.7	26.1	23.8			29.0	68.8	19.9
25	54.7	36.7	31.5	18.6	28.6	39.6	31.9			22.3	34.0	36.5
26	40.2	22.5	33.0	24.7	21.7	50.4	13.5			12.6	21.2	36.9
27	37.9	39.5	23.4	18.5	34.1	8.9	34.2	31.6		28.7	22.1	43.7
28	58.1	39.6	25.3	46.4	38.4	15.0	35.6	54.8		32.6	42.7	48.4
29	46.4		34.3	26.8	53.8	34.2	17.7	38.3		57.2	32.6	49.6
30	43.4		43.2	64.9	18.5	30.5	33.2	20.0		37.7	35.3	47.0
31	17.2		44.5		54.3		27.5	13.6		39.6		35.9
NO.:	31	28	31	30	31	30	31	6	0	8	30	31
MAX:	58.1	63.8	61.5	73.1	58.0	57.8	54.2	54.8		57.2	68.8	56.8
MEAN:	38.91	35.10	36.02	34.65	36.35	33.87	31.07	28.32		32.46	36.16	36.98
ANNUAL OBSERVATIONS:		287		ANNUAL MEAN:	35.23		ANNUAL MAX:	73.1				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-045-6001 POC: 1
 COUNTY: (045) Tooele
 CITY: (00000) Not in a city
 SITE ADDRESS: NO STREET ADDRESS; NOT NEAR A CITY
 SITE COMMENTS: MET ONLY SITE, LOCATED ON BADGER ISLAND IN THE GREAT SALT LAKE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.943889
 LONGITUDE: -112.563889
 UTM ZONE: 12
 UTM NORTHING: 4533480
 UTM EASTING: 368360
 ELEVATION-MSL: 1282
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	24	28	43	64	53	75	78		80	82	51	39
2	28	20	45	72	58	64	83		74	78	44	35
3	25	26	44	43	56	60	93		76	78	45	34
4	26	33	46	49	52	69	89		78	70	56	30
5	28	48	55	58	63	81	80		79	63	38	27
6	22	44	47	56	67	77	81		77	50	42	31
7	22	51	41	52	67	66	79		79	46	42	32
8	24	33	42	40	56	66	80		79	56	42	34
9	27	29	51	38	45	61	79		81	55	41	34
10	25	34	62	48	50	68	81		77	60	42	33
11	24	37	48	56	60	71	84		77	69	42	30
12	27	43	49	57	66	68	83		76	59	48	31
13	28	48	53	60	74	68	87		75	62	50	30
14	33	53	50	47	70	71	86		77	65	55	31
15	35	52	56	54	74	78	84		75	71	47	31
16	42	54	60	60	54	64	88		69	65	41	29
17	51	41	44	58	51	66	91		68	56	49	28
18	42	48	49	55	49	78	88		71	56	48	26
19	44	47	52	48	57	65	93	80	76	60	36	28
20	36	39	50	53	58	69	79		73	60	37	28
21	38	42	51	55	65	74	84		72	62	43	34
22	42	44	47	44	60	82	83		75	63	46	31
23	37	38	51	49	59	83	81		77	61	45	33
24	40	39	51	52	62	80	88		77	62	53	31
25	38	47	45	52	70	78	87		77	54	51	34
26	36	32	47	46	68	77	84		74	47	37	31
27	36	35	47	50	62	83	82	87	76	48	40	31
28	33	41	44	64	58	91	83	83	75	49	41	35
29	32		47	42	47	88	86	85	76	55	43	52
30	36		58	50	58	79	86	87	79	54	41	53
31	36		67		73		89	90		55		39
NO.:	31	28	31	30	31	30	31	6	30	31	30	31
MAX:	51.	54.	67.	72.	74.	91.	93.	90.	81.	82.	56.	53.
MEAN:	32.8	40.2	49.7	52.4	60.1	73.3	84.5	85.3	75.8	60.4	44.5	33.1
ANNUAL OBSERVATIONS:	340		ANNUAL MEAN:		55.8	ANNUAL MAX:		93.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-045-6001 POC: 1
 COUNTY: (045) Tooele
 CITY: (00000) Not in a city
 SITE ADDRESS: NO STREET ADDRESS; NOT NEAR A CITY
 SITE COMMENTS: MET ONLY SITE, LOCATED ON BADGER ISLAND IN THE GREAT SALT LAKE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.943889
 LONGITUDE: -112.563889
 UTM ZONE: 12
 UTM NORTHING: 4533480
 UTM EASTING: 368360
 ELEVATION-MSL: 1282
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	74	67	89	65	64	44	69		56	44	90	60
2	78	62	88	89	65	66	67		56	50	68	90
3	86	72	92	84	72	73	68		59	51	72	71
4	89	75	78	59	54	69	57		62	75	92	83
5	90	77	80	84	62	68	74		64	87	93	66
6	91	83	91	82	74	56	68		63	90	90	67
7	91	84	90	96	73	70	83		62	87	93	80
8	90	74	69	96	91	83	79		63	91	75	83
9	90	64	75	94	91	82	70		56	78	76	89
10	79	74	69	73	89	69	71		58	79	80	87
11	86	81	73	78	82	76	70		64	72	79	91
12	85	83	81	83	70	72	64		58	76	92	91
13	90	81	84	87	75	83	53		67	79	93	92
14	91	88	84	78	66	77	44		67	72	57	94
15	90	54	86	65	66	78	41		61	80	57	89
16	91	93	87	74	60	55	40		79	83	69	88
17	81	81	60	85	88	57	49		77	74	72	89
18	71	58	69	95	93	71	59		67	75	94	90
19	86	94	73	87	92	91	50	69	65	70	91	91
20	82	95	79	78	82	72	62		62	73	85	90
21	82	81	64	83	71	68	68		66	76	91	87
22	80	82	62	69	83	78	72		75	84	91	79
23	84	71	69	64	90	72	60		64	74	93	85
24	86	83	77	82	89	67	63		67	74	72	83
25	93	94	92	86	71	64	55		58	64	60	82
26	94	94	76	74	73	61	62		57	59	69	90
27	92	79	93	67	73	60	59	53	61	67	80	88
28	90	81	84	64	87	39	69	61	74	72	84	88
29	94		68	84	91	51	67	73	67	67	90	76
30	95		66	64	91	58	65	54	67	80	92	68
31	94		65		62		86	50		74		65
NO.:	31	28	31	30	31	30	31	6	30	31	30	31
MAX:	95.	95.	93.	96.	93.	91.	86.	73.	79.	91.	94.	94.
MEAN:	86.9	78.8	77.8	79.0	77.1	67.7	63.4	60.0	64.1	73.5	81.3	83.0
ANNUAL OBSERVATIONS:	340		ANNUAL MEAN:		75.4	ANNUAL MAX:		96.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-045-6001 POC: 1
 COUNTY: (045) Tooele
 CITY: (00000) Not in a city
 SITE ADDRESS: NO STREET ADDRESS; NOT NEAR A CITY
 SITE COMMENTS: MET ONLY SITE, LOCATED ON BADGER ISLAND IN THE GREAT SALT LAKE
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.943889
 LONGITUDE: -112.563889
 UTM ZONE: 12
 UTM NORTHING: 4533480
 UTM EASTING: 368360
 ELEVATION-MSL: 1282
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.66	.79	.95	1.13	1.28	1.41	1.29		1.21			
2	.60	.80	.42	.91	1.29	1.26	1.28		1.22			
3	.54	.78	.83	1.10	.89	1.34	1.31		1.23			
4	.57	.72	.96	1.08	1.28	1.20	1.20		1.22			
5	.59	.64	.61	.92	1.30	1.37	.96		.77			
6	.24	.78	.58	1.19	1.11	.99	1.21		1.19			
7	.26	.79	.48	.27	1.36	1.27	1.30		1.17			
8	.26	.83	.99	.58	.22	1.33	1.26		1.16			
9	.66	.01	.89	.45	.71	1.30	1.28		1.11			
10	.70	.82	.99	1.12	.77	1.36	1.30		1.13			
11	.56	.81	.99	1.18	1.26	1.24	1.28		1.15			
12	.37	.78	.73	1.09	1.27	1.10	1.29		1.15			
13	.46	.84	1.01	1.01	1.32	1.20	1.32		1.14			
14	.65	.70	.69	1.17	1.31	1.33	1.32		1.18			
15	.47	.82	.95	1.19	1.31	1.30	1.32		1.12			
16	.27	.87	.46	1.02	.97	1.01	1.33		.58			
17	.52	.90	.97	.79	1.22	1.38	1.28		1.10			
18	.46	.59	.85	.55	.41	1.25	1.15		1.11			
19	.66	.21	.58	1.26	.71	1.21	1.25	1.31	1.11			
20	.69	.78	.41	.87	1.25	1.34	1.32		1.09			
21	.53	.90	.51	.83	1.31	1.33	1.31		1.10			
22	.57	.88	.81	1.21	1.27	1.33	1.31		1.11			
23	.60	.94	1.10	.93	.98	1.32	1.31		1.10			
24	.67	.56	.96	1.11	1.31	1.30	1.31		1.09			
25	.62	.89	.76	.90	1.21	1.32	.60		1.07			
26	.69	.86	.63	1.14	1.34	1.31	1.29		1.06			
27	.58	.94	1.05	1.26	1.31	1.29	1.31	.05	1.05			
28	.25	.84	1.12	1.09	1.35	1.30	1.29	1.15	1.04			
29	.19		.86	.98	.50	.81	1.28	1.20	1.04			
30	.35		.77	1.23	.93	1.27	1.18	1.21	1.02			
31	.75		1.13		1.26		1.26	1.21				
NO.:	31	28	31	30	31	30	31	6	30	0	0	0
MAX:	.75	.94	1.13	1.26	1.36	1.41	1.33	1.31	1.23			
MEAN:	.516	.752	.808	.985	1.097	1.259	1.248	1.022	1.094			
ANNUAL OBSERVATIONS:	248		ANNUAL MEAN:	.972	ANNUAL MAX:	1.41						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2.3	10.5	2.3	4.7	5.8	3.1	4.1	7.0	9.3	5.0	5.8	16.7
2	2.1	3.7	2.1	16.1	5.2	12.6	5.4	8.7	8.7	5.0	7.2	4.7
3	2.3	2.7	4.3	10.1	8.9	3.7	10.5	10.9	4.7	4.5	2.1	5.8
4	1.7	2.7	3.9	6.4	7.0	3.9	8.0	7.2	3.9	9.1	3.5	6.8
5	2.7	2.7	1.9	9.7	3.9	9.7	4.3	8.9	8.2	12.2	9.3	5.0
6	2.3	5.6	3.9	7.0	13.2	18.6	8.9	8.0	9.5	8.5	4.1	3.3
7	2.7	5.4	3.3	15.0	9.3	9.3	5.8	6.2	4.1	3.9	4.3	3.5
8	2.9	7.0	6.4	12.2	14.6	10.1	4.7	4.9	5.2	5.0	3.1	2.5
9	3.7	2.1	3.7	13.4	7.2	16.3	6.0	9.3	5.8	4.3	2.7	3.1
10	1.7	3.3	3.7	5.4	8.4	4.7	4.9	9.1	7.8	4.1	2.7	2.1
11	1.7	2.3	3.3	6.4	7.2	10.1	4.1	9.7	8.0	10.7	2.3	2.3
12	2.3	1.9	5.4	5.0	5.4	9.7	7.2	6.2	6.0	7.4	5.6	2.5
13	2.1	2.3	3.5	13.2	5.2	11.8	6.0	3.9	5.0	3.1	18.6	3.3
14	2.5	2.5	3.5	9.3	9.5	8.0	5.2	6.6	5.0	2.7	13.4	2.9
15	2.9	1.7	3.1	4.7	5.6	8.7	7.4	9.5	4.7	2.7	2.9	2.7
16	2.5	2.5	3.9	8.2	10.1	9.7	7.4	5.2	9.9	2.3	4.7	2.7
17	3.7	3.5	6.4	9.7	8.4	6.2	4.9	7.0	4.9	7.6	3.1	3.7
18	1.9	2.1	5.0	9.9	5.0	8.5	6.4	10.3	3.9	3.7	13.2	3.3
19	8.0	4.5	12.0	18.1	5.4	7.2	8.2	7.4	3.5	2.3	6.6	3.9
20	5.6	3.5	10.9	7.2	5.4	7.8	6.0	5.6	3.3	2.9	1.6	2.3
21	1.7	2.5	17.9	12.4	10.9	6.6	8.5	6.8	4.1	2.7	2.7	4.5
22	4.9	2.7	13.0	6.6	12.2	4.3	7.0	7.2	3.7	2.9	2.7	10.7
23	3.5	2.7	4.3	7.4	18.4	7.2	4.3	6.6	3.7	2.7	1.7	1.9
24	2.1	1.7	8.2	5.4	7.8	11.3	4.9	5.2	4.5	2.9	1.6	2.5
25	1.6	2.5	7.0	12.6	4.1	8.4	5.8	8.9	3.5	4.7	6.0	2.9
26	1.9	3.1	5.2	8.2	15.1	13.4	9.5	4.9	5.0	7.0	6.6	2.3
27	1.9	4.1	18.1	5.4	12.8	4.3	14.8	5.6	2.9	3.1	2.3	3.1
28	1.9	2.9	15.5	10.5	5.2	8.5	7.2	10.7	3.5	2.3	2.3	2.3
29	2.5		5.4	17.3	8.2	13.2	4.9	4.7	4.7	2.3	2.7	2.7
30	2.7		4.7	11.8	13.0	19.6	5.6	8.5	3.5	2.9	10.9	2.1
31	7.4		5.8		4.1		8.7	10.7		2.5		9.7
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	8.0	10.5	18.1	18.1	18.4	19.6	14.8	10.9	9.9	12.2	18.6	16.7
MEAN:	2.89	3.38	6.37	9.64	8.47	9.22	6.66	7.46	5.35	4.61	5.21	4.12
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	6.13	ANNUAL MAX:	19.6						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	320	348	343	343	355	350	358	342	352	320	356	298
2	313	296	339	283	352	347	358	334	352	332	339	310
3	336	262	291	354	357	331	334	289	302	318	292	273
4	339	331	330	257	359	357	350	353	355	346	307	279
5	306	334	328	310	342	350	336	355	336	331	268	308
6	312	333	334	358	310	282	344	360	333	313	288	282
7	330	330	338	345	344	322	332	346	356	317	360	358
8	272	359	350	342	356	354	336	343	355	353	348	292
9	360	293	344	356	359	345	335	345	326	353	357	310
10	355	268	351	342	335	278	360	334	356	322	333	329
11	290	278	352	352	351	343	314	344	347	357	356	350
12	261	262	356	332	359	354	318	304	347	347	349	302
13	265	301	343	330	360	330	358	326	356	299	288	356
14	267	337	348	357	282	357	296	341	284	350	291	355
15	256	293	335	346	259	305	308	321	323	358	342	232
16	272	314	329	319	357	347	351	315	293	356	333	359
17	342	298	353	359	354	334	289	356	317	355	309	265
18	334	292	300	317	296	316	304	343	357	339	330	249
19	346	298	342	353	359	335	356	357	332	357	347	323
20	333	349	326	351	286	343	321	347	328	326	339	304
21	325	340	294	312	354	359	356	354	331	354	354	317
22	322	262	359	349	343	351	348	345	296	332	359	348
23	338	275	312	330	340	337	228	342	327	337	213	355
24	275	334	360	345	354	354	317	311	357	303	214	357
25	315	298	355	285	358	297	345	344	313	310	353	322
26	315	338	341	344	334	356	331	322	345	355	285	326
27	283	321	343	340	333	345	298	289	327	346	344	298
28	246	350	343	354	219	300	315	349	321	308	352	345
29	217		352	354	310	358	325	347	352	308	320	334
30	266		280	343	352	339	320	302	353	354	295	288
31	324		338		359		288	297		322		351
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	359.	360.	359.	360.	359.	360.	360.	357.	358.	360.	359.
MEAN:	304.4	310.5	335.8	335.4	335.1	335.9	326.7	334.1	334.3	335.4	320.7	315.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		327.0		ANNUAL MAX:		360.			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (021) INSTRUMENTAL ARITH STD DEV LEVEL 1
 PQAQ: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	30.0	56.0	38.0	67.0	72.0	67.0	48.0	58.0	64.0	60.0	63.0	83.0
2	17.0	43.0	21.0	46.0	70.0	65.0	58.0	57.0	62.0	59.0	60.0	53.0
3	33.0	18.0	57.0	58.0	58.0	55.0	63.0	67.0	68.0	55.0	51.0	87.0
4	28.0	35.0	44.0	52.0	60.0	43.0	69.0	50.0	45.0	56.0	60.0	64.0
5	27.0	46.0	36.0	75.0	68.0	50.0	55.0	61.0	62.0	53.0	44.0	63.0
6	22.0	46.0	50.0	65.0	57.0	51.0	57.0	59.0	58.0	58.0	66.0	42.0
7	36.0	43.0	50.0	65.0	57.0	65.0	50.0	70.0	71.0	63.0	56.0	41.0
8	21.0	67.0	44.0	64.0	67.0	53.0	48.0	56.0	65.0	80.0	55.0	57.0
9	55.0	42.0	54.0	47.0	63.0	65.0	58.0	66.0	63.0	51.0	53.0	47.0
10	36.0	21.0	25.0	64.0	52.0	69.0	56.0	61.0	50.0	52.0	62.0	56.0
11	23.0	20.0	44.0	74.0	65.0	66.0	47.0	58.0	57.0	64.0	44.0	40.0
12	22.0	15.0	37.0	59.0	50.0	66.0	47.0	66.0	53.0	56.0	57.0	42.0
13	25.0	23.0	44.0	53.0	53.0	58.0	59.0	66.0	48.0	61.0	60.0	41.0
14	38.0	28.0	51.0	65.0	73.0	62.0	60.0	55.0	56.0	54.0	54.0	49.0
15	25.0	28.0	54.0	59.0	64.0	68.0	61.0	54.0	57.0	52.0	73.0	30.0
16	33.0	49.0	52.0	56.0	65.0	54.0	53.0	66.0	55.0	74.0	64.0	39.0
17	68.0	36.0	51.0	63.0	66.0	54.0	49.0	64.0	63.0	69.0	72.0	43.0
18	48.0	42.0	58.0	49.0	50.0	61.0	60.0	67.0	53.0	68.0	61.0	57.0
19	48.0	52.0	65.0	59.0	53.0	56.0	54.0	60.0	63.0	60.0	49.0	40.0
20	43.0	56.0	51.0	61.0	54.0	63.0	59.0	60.0	62.0	64.0	38.0	39.0
21	38.0	41.0	78.0	58.0	60.0	64.0	52.0	48.0	56.0	52.0	35.0	54.0
22	54.0	48.0	44.0	66.0	55.0	55.0	58.0	55.0	61.0	49.0	47.0	61.0
23	45.0	29.0	60.0	64.0	50.0	66.0	61.0	57.0	60.0	61.0	44.0	43.0
24	50.0	60.0	62.0	55.0	53.0	67.0	73.0	66.0	49.0	74.0	49.0	44.0
25	26.0	26.0	72.0	50.0	69.0	73.0	52.0	63.0	59.0	79.0	74.0	51.0
26	22.0	45.0	61.0	53.0	63.0	62.0	60.0	51.0	55.0	62.0	48.0	51.0
27	42.0	48.0	41.0	57.0	60.0	53.0	58.0	53.0	52.0	76.0	40.0	58.0
28	19.0	47.0	65.0	60.0	60.0	54.0	48.0	53.0	56.0	56.0	53.0	44.0
29	16.0		61.0	54.0	58.0	82.0	62.0	60.0	58.0	59.0	52.0	58.0
30	29.0		73.0	57.0	48.0	63.0	63.0	59.0	62.0	57.0	61.0	61.0
31	65.0		76.0		55.0		48.0	55.0		56.0		62.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	68.0	67.0	78.0	75.0	73.0	82.0	73.0	70.0	71.0	80.0	74.0	87.0
MEAN:	34.97	39.64	52.23	59.17	59.61	61.00	56.32	59.39	58.10	60.97	54.83	51.61
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	54.06	ANNUAL MAX:	87.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2	13	37	71	53	78	86	89	91	86	47	39
2	-1	2	36	78	58	75	91	91	92	82	47	32
3	6	4	44	61	67	72	97	90	85	80	50	37
4	4	12	45	53	63	82	94	87	87	73	62	33
5	8	22	43	69	71	88	85	92	91	65	46	25
6	10	36	43	57	76	88	89	94	77	53	46	27
7	12	33	42	61	82	78	88	92	79	48	47	30
8	11	28	43	54	79	82	79	94	81	52	46	35
9	23	14	48	53	60	76	87	95	84	58	46	37
10	15	11	51	51	59	79	76	94	82	63	49	35
11	0	15	57	58	53	85	84	95	79	69	45	35
12	10	18	53	63	69	83	79	94	79	69	45	33
13	12	20	53	64	77	82	82	95	80	70	57	36
14	20	22	53	54	74	83	87	78	81	75	58	32
15	18	24	57	57	77	89	90	92	73	77	54	30
16	22	33	58	66	69	76	93	91	77	74	48	29
17	29	38	44	68	54	76	93	95	71	68	51	27
18	29	28	51	64	57	81	91	96	76	64	61	25
19	41	33	57	59	59	71	86	92	81	65	47	27
20	29	39	57	58	57	73	90	92	82	70	38	33
21	26	31	58	58	70	80	93	94	79	71	43	33
22	40	25	48	52	71	88	94	92	80	71	43	35
23	33	34	53	51	65	95	95	96	83	70	33	29
24	26	34	50	50	62	95	96	98	84	71	31	27
25	23	37	45	58	69	93	98	94	85	61	43	32
26	27	45	49	46	70	91	83	92	85	48	43	32
27	23	41	53	56	67	90	83	94	84	49	45	32
28	19	38	52	65	65	96	87	92	87	53	42	38
29	18		48	54	71	93	94	88	87	52	51	47
30	21		58	46	60	70	96	90	88	62	49	49
31	31		71		72		90	93		65		42
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	41.	45.	71.	78.	82.	96.	98.	98.	92.	86.	62.	49.
MEAN:	18.9	26.1	50.2	58.5	66.3	82.9	88.9	92.3	82.3	65.6	47.1	33.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	59.6		ANNUAL MAX:	98.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	83	65	93	71	89	91	96	90	78	73	88	72
2	82	76	94	82	75	68	83	84	51	81	82	93
3	84	79	96	96	69	61	74	82	54	90	95	95
4	85	82	97	79	88	77	59	95	63	93	94	92
5	85	85	93	77	70	80	74	84	76	95	94	83
6	86	84	95	68	64	68	67	58	91	95	83	89
7	87	96	95	77	60	58	81	72	93	95	93	88
8	86	93	95	70	61	75	92	64	85	96	90	86
9	86	83	91	91	94	62	95	75	79	91	95	89
10	86	84	95	90	88	77	89	56	78	97	95	90
11	83	86	95	77	90	69	97	71	80	93	94	91
12	85	86	90	85	85	67	84	60	86	84	84	93
13	86	87	94	79	90	67	96	62	83	94	82	94
14	93	89	91	84	78	83	95	78	86	97	83	92
15	93	90	91	71	86	65	87	92	84	96	82	91
16	93	90	95	72	62	66	69	86	92	92	83	85
17	90	91	73	73	92	40	71	72	96	76	90	83
18	92	89	92	72	95	66	83	63	92	80	90	86
19	92	96	90	81	95	94	88	73	89	96	80	91
20	84	94	80	90	91	95	89	75	78	90	96	92
21	89	90	78	94	93	74	87	72	72	92	97	92
22	90	90	67	88	86	83	78	74	88	91	98	92
23	90	92	90	65	93	71	73	82	84	85	98	89
24	89	92	91	93	97	67	62	71	83	95	99	90
25	89	92	96	95	91	58	66	60	80	88	97	89
26	91	94	94	79	90	71	92	70	78	72	75	89
27	91	94	93	85	61	50	94	67	78	93	93	91
28	92	93	91	81	69	63	92	65	85	92	92	92
29	92		72	68	80	55	83	73	76	93	92	93
30	88		70	78	93	84	82	80	73	95	93	95
31	89		83		92		78	76		91		94
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	93.	96.	97.	96.	97.	95.	97.	95.	96.	97.	99.	95.
MEAN:	88.1	87.9	89.0	80.4	82.8	70.2	82.5	73.6	80.4	90.0	90.2	89.7
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		83.7	ANNUAL MAX:		99.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.70	.87	1.08	1.28	1.17	1.31	1.38	1.31	1.24	1.07	.20	.69
2	.70	.87	1.03	1.22	1.40	1.45	1.39	1.31	1.27	1.00	.88	.53
3	.71	.86	1.02	.53	1.35	1.43	1.39	1.32	1.27	.96	.86	.69
4	.70	.71	1.04	1.28	1.30	1.45	1.33	1.33	1.26	.55	.84	.64
5	.67	.72	.95	1.28	1.41	1.44	1.14	1.36	1.24	.35	.50	.70
6	.69	.81	.78	1.24	1.34	1.43	1.39	1.36	1.18	.47	.84	.68
7	.70	.96	.95	1.15	1.39	1.43	1.33	1.40	1.12	.77	.78	.68
8	.80	.85	.98	.58	1.43	1.42	.72	1.37	1.21	.78	.82	.68
9	.77	.93	1.16	1.02	1.01	1.39	1.38	1.37	1.21	.89	.82	.67
10	.75	.92	1.11	1.25	1.42	1.45	.72	1.36	1.21	1.01	.81	.67
11	.62	.93	1.10	1.27	.58	1.32	1.36	1.35	1.22	1.01	.70	.60
12	.72	.89	.89	1.24	1.34	1.44	1.00	1.36	1.18	.99	.33	.66
13	.72	.92	1.19	1.10	1.36	1.17	1.33	1.37	1.19	.99	.79	.52
14	.52	.96	.86	1.36	1.24	1.41	1.40	.85	1.17	.99	.78	.19
15	.61	.92	1.15	1.31	1.37	1.41	1.40	1.29	1.16	.95	.79	.19
16	.77	.96	.80	1.34	1.11	1.26	1.46	1.31	1.16	.91	.78	.10
17	.73	.96	.53	1.13	1.03	1.47	1.19	1.33	1.22	.99	.75	.13
18	.52	.69	1.16	.55	.72	1.45	1.31	1.33	1.16	.98	.76	.26
19	.76	.78	.74	1.40	1.44	.49	1.35	1.32	1.17	.97	.27	.37
20	.76	.87	.73	1.15	1.35	1.60	1.37	1.27	1.15	.95	.26	.65
21	.78	1.01	.48	1.07	1.37	1.41	1.40	1.29	1.15	.94	.36	.58
22	.66	1.02	.72	1.41	1.40	1.43	1.43	1.26	1.16	.90	.55	.39
23	.80	1.01	1.22	1.12	1.04	1.42	1.42	1.28	1.14	.94	.28	.67
24	.80	1.04	.67	1.22	1.00	1.42	1.40	1.28	1.14	.97	.28	.64
25	.45	.87	.50	1.09	1.41	1.43	1.40	1.15	1.14	.47	.48	.65
26	.80	.95	1.22	.78	.98	1.42	.81	1.26	1.12	.88	.73	.65
27	.80	1.08	1.32	1.39	1.11	1.41	1.33	1.22	1.11	.85	.71	.58
28	.78	1.05	1.19	1.39	1.06	1.42	1.35	1.30	1.09	.90	.64	.63
29	.82		1.26	1.42	1.47	1.10	1.36	1.26	1.09	.49	.71	.67
30	.77		1.18	1.19	1.37	.75	1.36	1.26	1.09	.87	.63	.66
31	.85		1.25		1.40		1.34	1.24		.86		.69
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	.85	1.08	1.32	1.42	1.47	1.60	1.46	1.40	1.27	1.07	.88	.70
MEAN:	.717	.908	.976	1.159	1.238	1.348	1.288	1.293	1.174	.860	.631	.552
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	1.012	ANNUAL MAX:	1.60						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(65102) Rain/melt precipitation

SITE ID: 49-047-1002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: Dinosaur National Monument
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.4372000009
 LONGITUDE: -109.3047
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1463
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) BUCKET CONTINUOUS OR INCREMENTAL
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				.00	.00	.00	.00	.04	.00	.00	.03	
2				.00	.00	.00	.00	.00	.00	.00	.00	
3				.09	.00	.00	.00	.00	.00	.00	.00	
4				.00	.00	.00	.00	.00	.00	.01	.00	
5				.00	.00	.00	.01	.00	.01	.11	.06	
6				.00	.00	.00	.00	.00	.05	.13	.00	
7			.04	.00	.00	.00	.03	.00	.00	.02	.00	
8			.04	.02	.00	.00	.14	.00	.00	.09	.00	
9			.00	.01	.12	.00	.00	.00	.00	.00	.00	
10			.00	.01	.02	.00	.10	.00	.00	.00	.00	
11			.00	.00	.00	.00	.00	.00	.00	.00	.00	
12			.09	.00	.00	.00	.04	.00	.00	.00	.00	
13			.00	.00	.00	.00	.11	.00	.00	.00	.00	
14			.00	.06	.08	.00	.03	.00	.00	.00	.00	
15			.00	.00	.00	.02	.00	.00	.00	.00	.00	
16			.00	.00	.00	.03	.00	.00	.07	.00	.00	
17			.00	.00	.12	.00	.00	.00	.04	.00	.00	
18			.00	.00	.15	.00	.09	.00	.00	.00	.00	
19			.00	.08	.17	.06	.17	.00	.00	.00	.00	
20			.00	.11	.03	.00	.00	.00	.00	.00	.00	
21			.00	.08	.00	.00	.00	.00	.00	.00	.00	
22			.00	.00	.00	.00	.00	.00	.00	.00	.00	
23			.00	.00	.06	.00	.00	.00	.00	.00	.00	
24			.05	.02	.02	.00	.00	.00	.00	.00	.00	
25			.01	.00	.00	.00	.00	.00	.00	.00	.00	
26			.15	.03	.00	.00	.15	.00	.00	.00	.00	
27			.01	.00	.00	.00	.00	.00	.00	.00	.00	
28			.01	.00	.00	.00	.00	.02	.00	.00	.00	
29			.00	.00	.08	.02	.00	.02	.00	.00	.00	
30			.00	.00	.10	.14	.00	.00	.00	.00	.00	
31			.00	.00	.00	.00	.00	.00	.00	.00	.00	
NO.:	0	0	25	30	31	30	31	31	30	31	19	0
MAX:			.15	.11	.17	.14	.17	.04	.07	.13	.06	
MEAN:			.016	.017	.031	.009	.028	.003	.006	.012	.005	
ANNUAL OBSERVATIONS:		258	ANNUAL MEAN:	.014	ANNUAL MAX:	.17						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 10102-43-9
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.0	.0	4.0	2.0	8.0	3.0	4.0	1.0	2.0	.0		
2	6.0	6.0	3.0	3.0	3.0	2.0	3.0	2.0	3.0			
3	6.0	9.0	1.0	.0	2.0	3.0	2.0	2.0	1.0			
4	6.0	4.0	3.0	3.0	3.0	3.0	1.0	13.0	1.0			
5	6.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	1.0			
6	6.0	1.0	2.0	1.0	4.0	4.0	3.0	2.0	.0			
7	5.0	4.0	2.0	1.0	1.0	3.0	4.0	1.0	5.0			
8	2.0	.0	3.0	1.0	1.0	1.0	2.0	3.0	4.0			
9	4.0	2.0	2.0	.0	1.0	1.0	2.0	4.0	2.0			
10	4.0	4.0	5.0	.0	2.0	1.0	.0	2.0	1.0			
11	6.0	6.0	1.0	3.0	5.0	1.0	.0	3.0	1.0			
12	9.0	4.0	1.0	3.0	5.0	3.0	3.0	5.0	5.0			
13	9.0	1.0	3.0	1.0	15.0	2.0	3.0	5.0	17.0			
14	7.0	4.0	2.0	2.0	1.0	5.0	8.0	1.0	2.0			
15	3.0	5.0	3.0	2.0	1.0	3.0	4.0	5.0	2.0			
16	2.0	2.0	1.0	1.0	3.0	2.0	1.0	1.0	4.0			
17	4.0	3.0	4.0	1.0	1.0	1.0	3.0	3.0	1.0			
18	3.0	7.0	3.0	4.0	1.0	1.0	2.0	19.0	1.0			
19	2.0	1.0	2.0	4.0	2.0	1.0	1.0	3.0	4.0			
20	4.0	2.0	1.0	1.0	.0	4.0	7.0	1.0	3.0			
21	4.0	21.0	1.0	4.0	2.0	5.0	3.0	1.0	1.0			
22	1.0	6.0	3.0	1.0	1.0	5.0	2.0	11.0	2.0			
23	1.0	6.0	3.0	1.0	2.0	4.0	1.0	3.0	3.0			
24	9.0	3.0	2.0	2.0	2.0	3.0	4.0	4.0	2.0			
25	2.0	2.0	2.0	3.0	3.0	2.0	9.0	2.0	5.0			
26	5.0	1.0	2.0	1.0	2.0	1.0	3.0	1.0	2.0			
27	3.0	3.0	1.0	4.0	1.0	1.0	2.0	1.0	4.0			
28	7.0	3.0	3.0	2.0	.0	3.0	.0	4.0	2.0			
29	2.0		2.0	1.0	1.0	2.0	4.0	3.0	1.0			
30	.0		6.0	1.0	1.0	1.0	1.0	3.0	3.0			
31	3.0		4.0		1.0		.0	4.0				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	9.0	21.0	6.0	4.0	15.0	5.0	9.0	19.0	17.0	0.0		
MEAN:	4.35	4.04	2.48	1.87	2.52	2.47	2.74	3.74	2.83	0.00		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	2.99	ANNUAL MAX:	21.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 11104-93-1
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	18.0	3.0	27.0	12.0	20.0	12.0	16.0	5.0	7.0	5.0		
2	24.0	22.0	25.0	12.0	11.0	7.0	10.0	13.0	15.0			
3	26.0	33.0	18.0	2.0	10.0	13.0	8.0	12.0	5.0			
4	28.0	27.0	21.0	16.0	8.0	10.0	7.0	31.0	5.0			
5	34.0	18.0	8.0	15.0	9.0	12.0	9.0	12.0	5.0			
6	39.0	13.0	17.0	5.0	16.0	8.0	10.0	11.0	3.0			
7	34.0	15.0	13.0	5.0	11.0	8.0	15.0	8.0	14.0			
8	35.0	4.0	10.0	4.0	5.0	3.0	10.0	11.0	11.0			
9	36.0	9.0	11.0	2.0	5.0	5.0	6.0	17.0	10.0			
10	18.0	22.0	21.0	2.0	7.0	6.0	4.0	10.0	5.0			
11	32.0	25.0	9.0	11.0	18.0	5.0	4.0	14.0	7.0			
12	44.0	23.0	8.0	12.0	11.0	14.0	12.0	16.0	15.0			
13	33.0	18.0	12.0	9.0	29.0	9.0	10.0	17.0	35.0			
14	29.0	30.0	8.0	5.0	6.0	16.0	24.0	5.0	10.0			
15	41.0	28.0	14.0	9.0	3.0	18.0	12.0	14.0	10.0			
16	46.0	31.0	12.0	7.0	9.0	10.0	5.0	6.0	11.0			
17	31.0	7.0	19.0	6.0	3.0	4.0	22.0	9.0	6.0			
18	15.0	27.0	10.0	15.0	3.0	7.0	10.0	39.0	5.0			
19	18.0	10.0	9.0	9.0	8.0	5.0	6.0	13.0	13.0			
20	15.0	5.0	5.0	5.0	3.0	11.0	17.0	5.0	13.0			
21	17.0	29.0	5.0	11.0	6.0	17.0	8.0	8.0	4.0			
22	9.0	28.0	12.0	3.0	7.0	19.0	11.0	27.0	13.0			
23	8.0	31.0	18.0	4.0	7.0	16.0	8.0	16.0	18.0			
24	27.0	27.0	9.0	10.0	11.0	17.0	14.0	16.0	11.0			
25	18.0	16.0	10.0	14.0	10.0	7.0	12.0	12.0	16.0			
26	25.0	15.0	8.0	4.0	10.0	10.0	12.0	10.0	12.0			
27	24.0	8.0	6.0	15.0	8.0	5.0	7.0	8.0	17.0			
28	32.0	15.0	10.0	12.0	5.0	13.0	5.0	15.0	13.0			
29	18.0		13.0	3.0	5.0	6.0	17.0	8.0	13.0			
30	19.0		17.0	5.0	2.0	5.0	6.0	15.0	11.0			
31	27.0		11.0		19.0		3.0	20.0				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	46.0	33.0	27.0	16.0	29.0	19.0	24.0	39.0	35.0	5.0		
MEAN:	26.45	19.25	12.77	8.13	9.19	9.93	10.32	13.65	11.10	5.00		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	13.37	ANNUAL MAX:	46.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (051) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	5.4	21.4	4.5	10.9	11.8	17.3	6.4	11.8	18.1	8.7		
2	5.2	8.5	5.6	24.7	9.1	25.6	14.2	10.7	10.7			
3	5.4	5.2	7.6	18.8	18.3	11.7	7.0	19.4	12.2			
4	3.9	3.5	9.5	9.9	11.5	7.4	21.8	11.8	11.7			
5	5.4	7.4	8.5	19.6	10.7	20.8	9.3	13.8	20.8			
6	7.6	11.1	9.5	14.6	20.2	30.3	17.7	12.2	9.3			
7	5.6	16.1	6.0	28.2	17.1	9.1	13.8	11.7	6.8			
8	4.5	19.0	13.6	22.9	25.4	20.4	11.3	12.4	8.4			
9	9.9	12.2	10.7	22.3	20.0	21.0	10.3	12.0	14.2			
10	10.1	5.4	5.0	14.2	17.9	8.9	12.4	11.3	13.0			
11	4.5	5.0	10.5	9.3	13.8	10.9	8.4	12.4	13.2			
12	5.6	6.6	10.7	8.7	6.2	17.3	11.7	11.5	9.1			
13	4.5	6.0	8.7	20.0	11.3	15.3	8.2	10.9	9.7			
14	5.4	6.6	8.4	13.2	16.7	15.0	10.3	15.0	16.7			
15	7.0	5.2	9.9	8.9	18.1	18.1	15.1	18.3	9.1			
16	5.6	16.5	15.5	18.1	23.1	21.8	14.2	9.1	15.5			
17	12.0	21.0	13.6	23.1	11.5	12.0	15.3	10.7	7.8			
18	13.6	7.4	8.2	18.1	17.5	13.8	10.7	12.4	9.7			
19	15.5	17.3	25.4	23.7	14.2	15.9	17.5	13.6	12.6			
20	12.0	17.1	21.9	13.0	9.7	8.5	11.1	13.6	13.8			
21	7.0	8.7	28.2	18.8	18.6	8.4	8.9	14.8	11.5			
22	11.5	7.8	23.3	19.8	16.3	9.7	11.5	13.2	10.1			
23	12.0	5.2	6.6	8.5	21.8	9.7	8.2	9.3	9.7			
24	7.2	7.6	18.8	7.6	15.9	15.5	10.1	9.9	9.7			
25	5.8	6.4	11.1	20.8	10.1	16.1	11.8	11.7	9.5			
26	6.4	14.0	9.7	19.2	24.1	19.2	14.2	13.0	9.7			
27	4.3	12.2	18.6	10.5	15.7	10.5	21.9	10.1	9.3			
28	7.0	10.5	26.2	20.4	11.3	19.0	8.7	12.0	10.1			
29	3.9		8.5	22.1	16.7	21.8	7.6	11.1	8.2			
30	5.0		18.1	12.8	17.5	22.7	9.9	15.5	11.3			
31	18.8		17.9		8.2		13.8	19.8				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	18.8	21.4	28.2	28.2	25.4	30.3	21.9	19.8	20.8	8.7		
MEAN:	7.66	10.39	12.91	16.76	15.49	15.79	12.04	12.74	11.38	8.70		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	12.79		ANNUAL MAX:	30.3				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (051) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	315	348	308	277	316	358	295	360		168		
2	355	335	288	353	332	324	345	357				
3	327	355	358	355	310	359	348	307				
4	334	352	200	266	343	329	359	316				
5	351	358	330	290	290	341	338	275				
6	275	359	357	317	300	284	359					
7	355	353	352	286	296	338	346					
8	347	356	290	346	330	360	329					
9	291	357	359	359	273	356	332		339			
10	186	334	351	296	345	349	358		350			
11	301	357	345	351	360	328	293		280			
12	337	354	335	360	275	350	298		307			
13	351	329	357	310	239	322	345		319			
14	333	346	356	351	359	324	279		303			
15	353	340	357	264	356	324	218		272			
16	351	338	343	312	298	350	284		267			
17	308	268	330	327	338	290	341		350			
18	184	299	357	299	356	333	348		324			
19	338	359	355	318	327	297	344		309			
20	351	263	274	358	311	359	272		339			
21	223	338	217	292	276	321	303		215			
22	357	247	271	360	314	356	354		236			
23	214	355	345	355	247	332	354		345			
24	278	301	246	357	341	347	352		360			
25	343	235	325	292	258	344	341		328			
26	349	304	353	353	355	346	292		358			
27	359	354	277	272	354	347	312		350			
28	343	359	311	284	359	358	335		330			
29	321		257	360	356	336	336		353			
30	357		290	359	320	358	329		335			
31	233		280		357		276					
NO.:	31	28	31	30	31	30	31	5	22	1	0	0
MAX:	359.	359.	359.	360.	360.	360.	359.	360.	360.	168.		
MEAN:	313.5	330.5	315.3	322.6	319.1	337.3	323.1	323.0	316.8	168.0		
ANNUAL OBSERVATIONS:	240		ANNUAL MEAN:	321.7	ANNUAL MAX:	360.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (021) INSTRUMENTAL ARITH STD DEV LEVEL 1
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	51.8	38.6	40.2	36.7	63.2	61.5	60.5	53.4		4.7		
2	44.2	31.5	44.0	48.8	67.3	39.9	65.8	55.6				
3	49.5	43.9	39.8	44.5	23.8	54.1	66.9	48.6				
4	45.5	64.0	34.8	29.4	61.4	57.5	51.5	56.5				
5	48.7	53.7	36.1	22.4	54.9	61.7	37.2	65.4				
6	26.9	21.1	60.8	31.6	36.6	19.2	66.4					
7	34.7	51.4	33.5	44.2	48.6	41.3	57.4					
8	43.6	36.0	18.5	47.6	26.5	55.9	37.9					
9	41.8	31.5	52.9	33.1	35.8	32.7	53.1		56.7			
10	46.5	40.7	36.2	58.1	45.6	57.7	37.4		46.1			
11	33.0	62.5	48.6	49.0	37.0	52.7	55.3		40.0			
12	38.9	42.1	35.5	49.5	63.4	34.0	52.2		47.9			
13	31.9	46.7	39.4	77.1	64.7	58.2	51.8		55.3			
14	52.0	53.3	47.9	53.0	56.5	44.2	53.3		54.0			
15	44.7	45.7	36.3	52.1	57.8	53.8	69.4		54.0			
16	43.4	46.2	49.9	52.0	16.2	52.4	51.6		40.4			
17	55.4	17.4	56.1	29.5	36.7	53.5	57.6		60.2			
18	30.7	45.6	58.2	43.8	42.0	54.0	58.1		48.3			
19	41.5	48.3	40.4	40.1	43.9	35.7	51.5		28.2			
20	39.2	9.7	23.8	47.3	27.5	57.8	64.9		33.2			
21	55.3	31.9	17.6	62.4	32.9	53.4	55.4		63.6			
22	57.8	54.1	16.0	36.5	47.6	62.8	38.4		50.7			
23	43.5	39.8	69.0	59.7	39.0	72.8	65.0		61.8			
24	65.6	43.2	29.6	39.4	45.8	49.9	63.4		54.9			
25	44.9	45.0	33.9	21.8	55.4	47.3	61.9		47.4			
26	38.5	41.4	62.6	40.6	35.3	63.3	42.6		48.5			
27	52.5	29.4	43.6	41.1	42.9	72.0	64.6		44.8			
28	40.0	43.6	26.9	56.4	39.6	59.9	46.8		52.5			
29	50.4		49.0	29.0	39.2	61.7	57.0		43.5			
30	56.9		29.0	55.8	39.8	40.8	58.5		58.0			
31	45.2		44.1		52.3		19.3					
NO.:	31	28	31	30	31	30	31	5	22	1	0	0
MAX:	65.6	64.0	69.0	77.1	67.3	72.8	69.4	65.4	63.6	4.7		
MEAN:	44.98	41.37	40.46	44.42	44.49	52.06	53.96	55.90	49.55	4.70		
ANNUAL OBSERVATIONS:		240		ANNUAL MEAN:	46.36		ANNUAL MAX:	77.1				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61109) Vertical Wind Speed

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (020) Instrumental Electronic or machine
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: -20

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.0	2.3	.2	.4	1.0	.4	.4	.6	.0	.0		
2	.2	.2	.2	.4	.8	.4	1.4	1.0	.2			
3	.0	.2	.4	1.9	.8	.6	.6	.4	1.0			
4	.0	.2	.6	.6	1.0	.6	2.1	.6	1.0			
5	.0	.8	.2	.4	.8	.8	.8	.2	.2			
6	.2	1.2	1.0	.8	.4	.4	1.6	.6	.8			
7	.2	1.7	.8	.2	.2	.4	.6	.4	.6			
8	.2	2.1	.2	.4	.0	.8	1.0	.4	.4			
9	.6	.8	.2	.8	.8	.8	1.0	.4	.4			
10	.6	.2	.2	.2	.4	.6	.8	.8	.6			
11	.2	.2	.4	.2	1.6	.8	.2	.6	.8			
12	.2	.2	1.2	.8	.4	.4	.4	.6	.6			
13	.2	.0	.8	.4	1.0	.4	.4	.6	1.0			
14	.4	.4	.4	1.2	1.4	.2	.2	1.0	.2			
15	1.0	.4	.0	.2	.8	.4	.6	1.0	.2			
16	.4	.2	.0	.2	.4	.8	.4	.4	.2			
17	.6	.8	.6	.4	.6	.8	.6	.4	.8			
18	1.0	.4	.6	.2	.8	.4	.4	.2	.2			
19	1.9	1.0	.2	1.0	1.2	1.2	1.7	1.6	.2			
20	1.4	.0	.6	.8	.6	.8	.6	1.2	.6			
21	.4	.2	.6	.4	.0	.8	.2	.8	.8			
22	1.2	.4	.0	1.0	.6	.6	.2	.6	.6			
23	1.4	.2	.6	.8	.6	.4	.4	.4	.4			
24	.6	.2	.6	.6	1.6	.4	.6	.4	.2			
25	.2	.2	1.0	.2	.4	.2	.2	.4	.2			
26	.4	.0	.8	2.1	.8	1.0	1.0	.2	.2			
27	.6	.2	.4	.2	.6	.8	.4	.2	.2			
28	.0	.4	.2	.2	1.0	.6	.6	1.0	.8			
29	.2	.4	.4	1.7	.6	.8	.4	1.2	.6			
30	1.7	.2	.4	1.4	.4	1.4	.4	.8	.2			
31	1.6	.4	.4	.6	.6	.6	.0	.2				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	1.9	2.3	1.2	2.1	1.6	1.4	2.1	1.6	1.0	0.0		
MEAN:	.57	.54	.45	.67	.72	.63	.65	.62	.47	0.00		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	.59	ANNUAL MAX:	2.3					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61110) Std Dev Vt Wind Speed

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.1	1.2	5.4	1.0	1.4	1.2	1.0	1.2	1.4	.2		
2	.4	.4	.4	1.7	1.2	1.7	1.0	1.2	1.0			
3	.2	.4	1.0	1.4	1.4	1.0	1.0	1.4	1.0			
4	.2	.4	.6	1.2	1.2	1.0	1.6	1.0	1.0			
5	.4	.6	4.3	1.4	1.0	1.6	1.0	1.2	1.4			
6	.2	.6	.4	1.2	1.4	1.9	1.4	1.2	1.0			
7	.2	1.2	1.7	1.9	1.4	1.2	1.0	1.2	1.0			
8	.4	1.2	4.1	1.6	1.7	1.4	1.0	1.0	1.0			
9	.4	.4	2.9	1.6	1.4	1.6	1.0	1.2	1.0			
10	.4	.2	.4	1.2	1.2	1.2	.8	1.0	1.0			
11	.2	.2	.6	1.2	1.2	1.2	1.0	1.0	1.0			
12	.2	.4	.8	1.0	1.2	1.4	.8	1.2	1.0			
13	.4	.2	1.9	1.6	1.2	1.2	1.2	1.0	1.0			
14	.4	2.7	1.7	1.4	1.2	1.2	1.0	1.0	1.2			
15	.4	1.9	6.8	1.2	1.2	1.4	1.4	1.4	1.0			
16	.2	.6	.6	1.4	1.6	1.6	1.0	1.0	1.2			
17	.6	1.7	.8	1.7	1.0	1.0	1.0	1.2	1.0			
18	.4	.4	2.1	1.4	1.2	1.4	1.0	1.0	1.0			
19	1.0	1.6	1.7	1.6	1.0	1.2	1.2	1.4	1.0			
20	.8	1.0	1.6	1.0	1.2	1.0	1.0	1.2	1.0			
21	.4	.2	1.9	1.4	1.4	1.2	1.0	1.0	1.0			
22	.8	1.6	1.6	1.4	1.2	1.0	1.0	1.2	1.0			
23	.6	.2	1.2	1.0	1.6	1.2	1.0	1.0	1.0			
24	.4	1.7	1.4	.8	1.2	1.2	1.0	1.0	1.0			
25	.4	.4	1.0	1.6	1.0	1.4	1.0	1.0	1.0			
26	.2	.6	1.0	1.4	1.7	1.4	1.0	1.0	.8			
27	.2	.6	1.4	1.2	1.4	1.2	1.6	1.0	1.0			
28	.4	2.9	1.7	1.4	1.0	1.4	1.0	1.0	.8			
29	.4		1.0	1.6	1.2	1.6	1.0	1.2	1.0			
30	1.7		1.2	1.2	1.4	1.7	1.0	1.4	.8			
31	4.9		1.2		1.0		1.0	1.4				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	4.9	2.9	6.8	1.9	1.7	1.9	1.6	1.4	1.4	.2		
MEAN:	.58	.91	1.75	1.36	1.27	1.32	1.06	1.14	1.02	.20		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	1.16		ANNUAL MAX:	6.8				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	-3	10	34	67	49	76	83	85	88	62		
2	-3	-3	35	74	53	72	91	86	86			
3	1	0	37	55	66	67	94	85	81			
4	2	8	39	49	59	77	90	84	83			
5	4	24	37	67	68	85	81	87	87			
6	7	30	35	53	73	85	87	89	74			
7	9	30	37	58	79	74	85	89	74			
8	9	26	38	55	76	79	74	90	75			
9	19	8	43	50	58	73	83	91	78			
10	9	7	45	48	51	74	71	90	77			
11	-1	11	49	55	50	81	81	91	75			
12	5	15	46	60	65	80	75	90	74			
13	10	17	48	60	72	76	79	91	76			
14	15	22	49	52	69	79	84	76	75			
15	15	24	52	53	74	85	87	88	69			
16	17	38	54	65	67	74	88	87	73			
17	35	35	40	67	51	73	90	92	69			
18	29	27	46	56	53	76	87	93	73			
19	32	33	53	55	55	69	82	87	78			
20	24	32	54	56	54	70	85	88	80			
21	22	29	55	56	67	76	89	88	75			
22	34	22	45	50	69	84	90	90	76			
23	27	32	49	47	60	91	91	92	79			
24	26	33	48	44	60	91	91	94	80			
25	22	31	42	55	65	89	94	89	81			
26	24	38	45	43	68	87	80	89	81			
27	22	35	50	51	65	86	80	89	80			
28	20	35	48	63	60	93	83	87	81			
29	20		45	50	64	91	88	87	80			
30	22		56	43	56	66	91	87	82			
31	28		68		69		85	89				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	35.	38.	68.	74.	79.	93.	94.	94.	88.	62.		
MEAN:	16.2	23.2	45.9	55.2	62.7	79.3	85.1	88.4	78.0	62.0		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	59.6		ANNUAL MAX:	94.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-2002 POC: 2
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (042) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	-3	10	34	66	46	76	81	78	86	65		
2	-3	-4	35	72	52		89	81	84			
3	0	-1	37	55	63		91	83	80			
4	2	7	38	48	58		88	82	81			
5	4	27	36	65	67		78	86	85			
6	6	28	35	52	72	84	84	87	71			
7	8	30	37	56	77	73	82	87	73			
8	9	26	38	53	74	77	72	88	73			
9	19	10	42	48	58	70	81	89	76			
10	14	6	44	47	50	73	70	87	76			
11	4	11	49	53	49	78	73	89	73			
12	4	15	45	58	64	78	68	88	72			
13	10	19	47	59	70	75	77	89	74			
14	15	24	48	50	68	77	76	77	73			
15	15	25	51	52	74	83	85	87	68			
16	16	40	53	63	65	73	87	85	71			
17	38	36	40	66	50	71	72	89	67			
18	32	27	44	57	51	75	77	91	71			
19	32	33	52	53	53	70	78	85	76			
20	25	32	53	55	53	68	70	86	78			
21	22	28	54	54	65	75	87	86	74			
22	33	23	44	48	67	83	89	88	75			
23	29	31	47	46	58	89	88	91	77			
24	25	32	46	44	58	89	87	92	79			
25	21	33	41	54	64	87	82	87	79			
26	24	38	43	41	66	84	78	87	79			
27	21	35	48	50	63	84	74	87	79			
28	22	34	46	61	59	91	81	85	80			
29	19		44	52	63	89	81	85	78			
30	21		54	40	54	64		85	80			
31	27		66		68		75	87				
NO.:	31	28	31	30	31	26	30	31	30	1	0	0
MAX:	38.	40.	66.	72.	77.	91.	91.	92.	86.	65.		
MEAN:	16.5	23.4	44.9	53.9	61.3	78.3	80.0	86.3	76.3	65.0		
ANNUAL OBSERVATIONS:		269		ANNUAL MEAN:	57.8		ANNUAL MAX:	92.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62106) Temperature Difference

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (041) Instrumental Electronic or machine
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Temp Difference, Centigrade
 MIN DETECTABLE: -100

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2.3	2.5	2.2	2.8	2.5	3.1	1.9	.6	2.9	1.7		
2	2.5	3.2	2.5	2.6	2.7		2.7	1.0	3.1			
3	1.6	2.4	2.0	1.5	2.0		3.1	1.2	3.1			
4	2.0	1.4	2.5	2.0	2.0		2.5	1.5	2.8			
5	1.8	2.3	2.2	1.8	2.8		1.7	2.7	3.7			
6	2.3	2.2	1.7	.6	2.2	.4	.7	3.4	.4			
7	2.4	.9	1.2	1.0	2.7	1.8	.8	3.6	1.2			
8	1.8	1.6	1.4	.6	2.8	2.2	1.3	4.0	2.2			
9	1.5	2.7	1.7	1.0	.8	1.5	1.6	4.0	2.2			
10	1.4	2.8	3.5	2.0	.9	2.1	.9	3.2	2.3			
11	1.6	2.3	2.3	2.3	.8	3.7	1.3	3.0	1.7			
12	1.4	3.0	2.0	2.8	2.3	3.2	1.3	3.5	2.1			
13	1.9	2.8	2.5	2.0	2.3	2.7	1.7	3.2	2.7			
14	1.8	2.8	2.1	1.6	1.9	2.1	4.0	2.0	2.5			
15	-.1	3.8	2.5	2.5	3.4	3.6	4.5	2.3	1.5			
16	1.5	1.9	2.5	2.0	3.1	1.7	3.4	1.8	1.1			
17	3.1	3.9	.3	3.0	.4	1.9	2.1	3.3	1.2			
18	3.4	2.0	1.3	.9	.6	3.4	.9	3.5	2.7			
19	1.4	.1	1.7	1.6	.3	1.0	.7	2.9	2.7			
20	3.6	2.8	2.7	2.4	.3	1.2	2.0	2.5	3.4			
21	2.2	2.5	3.1	.4	.8	1.9	2.8	1.4	2.0			
22	3.1	2.9	1.2	.8	1.9	4.1	3.6	2.6	2.6			
23	3.4	2.1	1.5	.5	1.3	3.1	3.5	2.8	3.1			
24	2.3	2.4	1.7	.7	1.6	3.8	2.8	2.0	2.6			
25	2.6	1.7	2.8	1.0	1.4	2.6	3.1	2.5	3.9			
26	2.6	1.3	1.7	1.5	2.9	3.7	1.0	1.5	3.0			
27	2.3	3.0	.1	1.7	.6	2.7	1.6	3.1	2.8			
28	2.2	2.3	1.3	2.6	.5	3.3	1.7	1.9	3.1			
29	2.4		2.3	2.4	.8	3.0	2.1	2.8	3.1			
30	1.7		2.5	1.4	.6	1.1		3.0	3.4			
31	1.7		2.1		4.7		.9	3.3				
NO.:	31	28	31	30	31	26	30	31	30	1	0	0
MAX:	3.6	3.9	3.5	3.0	4.7	4.1	4.5	4.0	3.9	1.7		
MEAN:	2.12	2.34	1.97	1.67	1.74	2.50	2.07	2.58	2.50	1.70		
ANNUAL OBSERVATIONS:		269		ANNUAL MEAN:	2.16		ANNUAL MAX:	4.7				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.74	.90	1.11	1.26	1.46	1.59	1.45	1.42		.01		
2	.73	.91	1.07	1.32	1.46	1.50	1.45	1.41				
3	.74	.90	1.02	.79	1.33	1.50	1.45	1.47				
4	.74	.90	1.13	1.33	1.47	1.48	1.30	1.39				
5	.70	1.01	.87	1.33	1.48	1.49	1.19	1.41				
6	.73	.88	.84	1.32	1.37	1.50	1.44					
7	.73	.83	1.03	1.27	1.45	1.50	1.42					
8	.67	.94	1.15	.99	1.50	1.49	1.06					
9	.77	.97	1.14	1.06	1.15	1.50	1.45		1.23			
10	.81	.96	1.15	1.25	1.51	1.51	.97		1.30			
11	.51	.97	1.13	1.33	.79	1.46	1.41		1.15			
12	.73	1.04	.90	1.27	1.46	1.54	1.41		1.22			
13	.72	.94	1.23	1.22	1.46	1.32	1.48		1.29			
14	.55	1.00	.89	1.30	1.44	1.49	1.45		1.27			
15	.72	1.00	1.14	1.37	1.45	1.47	1.46		1.30			
16	.72	1.00	.77	1.37	1.28	1.34	1.15		1.26			
17	.68	1.03	.47	1.07	1.51	1.48	1.37		1.27			
18	.63	.76	1.16	.43	1.08	1.24	1.43		1.25			
19	.61	.94	.66	1.41	1.77	.53	1.41		1.27			
20	.79	1.21	.85	1.24	1.60	1.41	1.43		1.25			
21	.81	1.05	1.08	1.14	1.69	1.48	1.45		1.25			
22	.80	1.01	.80	1.42	1.65	1.49	1.49		1.26			
23	.82	1.06	1.26	1.00	1.20	1.49	1.47		1.25			
24	.83	1.07	1.06	.78	1.54	1.48	1.45		1.24			
25	.72	1.14	.52	1.08	1.69	1.49	1.43		1.24			
26	.84	1.08	1.26	1.37	1.64	1.49	1.17		1.21			
27	.88	1.04	1.29	1.45	1.51	1.47	1.40		1.20			
28	.81	1.09	1.18	1.44	1.39	1.48	1.41		1.18			
29	.76		1.30	1.43	1.55	1.14	1.42		1.17			
30	.86		1.25	1.25	1.53	1.11	1.38		1.18			
31	.75		1.29		1.69		1.15					
NO.:	31	28	31	30	31	30	31	5	22	1	0	0
MAX:	.88	1.21	1.30	1.45	1.77	1.59	1.49	1.47	1.30	.01		
MEAN:	.739	.987	1.032	1.210	1.455	1.415	1.368	1.420	1.238	.005		
ANNUAL OBSERVATIONS:	240		ANNUAL MEAN:	1.180	ANNUAL MAX:	1.77						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(64101) Barometric pressure

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (014) INSTRUMENTAL BAROMETRIC SENSOR
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Millibars
 MIN DETECTABLE: .7

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	834.6	835.9	835.9	830.6	835.9	831.9	833.3	834.6	829.3	833.3		
2	835.9	841.2	831.9	827.9	839.9	826.6	833.3	835.9	831.9			
3	831.9	841.2	830.6	831.9	835.9	831.9	833.3	833.3	833.3			
4	834.6	838.6	838.6	835.9	837.2	834.6	834.6	834.6	834.6			
5	838.6	830.6	838.6	831.9	838.6	834.6	835.9	833.3	833.3			
6	839.9	835.9	830.6	826.6	829.3	827.9	834.6	831.9	837.2			
7	835.9	834.6	821.3	822.6	825.3	827.9	834.6	831.9	839.9			
8	827.9	833.3	833.3	819.9	819.9	827.9	830.6	831.9	838.6			
9	825.3	838.6	839.9	821.3	819.9	831.9	831.9	829.3	834.6			
10	835.9	834.6	839.9	834.6	822.6	833.3	833.3	829.3	835.9			
11	839.9	839.9	830.6	837.2	829.3	826.6	833.3	829.3	837.2			
12	842.6	842.6	830.6	830.6	834.6	827.9	831.9	833.3	838.6			
13	841.2	838.6	835.9	827.9	835.9	830.6	831.9	834.6	837.2			
14	841.2	835.9	835.9	834.6	830.6	834.6	830.6	834.6	831.9			
15	841.2	833.3	834.6	837.2	827.9	831.9	829.3	833.3	831.9			
16	835.9	826.6	829.3	830.6	822.6	825.3	830.6	833.3	830.6			
17	830.6	827.9	834.6	826.6	822.6	827.9	834.6	835.9	833.3			
18	831.9	830.6	835.9	821.3	819.9	829.3	835.9	834.6	837.2			
19	831.9	829.3	826.6	827.9	822.6	823.9	834.6	830.6	837.2			
20	837.2	822.6	827.9	829.3	826.6	829.3	833.3	833.3	833.3			
21	834.6	827.9	822.6	826.6	826.6	831.9	829.3	834.6	834.6			
22	831.9	826.6	827.9	827.9	826.6	833.3	827.9	835.9	837.2			
23	834.6	826.6	830.6	826.6	825.3	829.3	831.9	834.6	839.9			
24	834.6	823.9	822.6	825.3	829.3	826.6	835.9	835.9	835.9			
25	835.9	822.6	823.9	825.3	833.3	826.6	833.3	834.6	831.9			
26	839.9	817.3	826.6	826.6	826.6	830.6	833.3	837.2	833.3			
27	839.9	827.9	822.6	833.3	826.6	831.9	834.6	835.9	835.9			
28	837.2	833.3	830.6	834.6	823.9	830.6	834.6	834.6	835.9			
29	830.6		834.6	826.6	815.9	829.3	835.9	831.9	837.2			
30	829.3		831.9	831.9	831.9	831.9	835.9	830.6	837.2			
31	827.9		830.6		835.9		835.9	829.3				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	842.6	842.6	839.9	837.2	839.9	834.6	835.9	837.2	839.9	833.3		
MEAN:	835.18	832.07	831.19	829.04	828.35	829.93	833.22	833.35	835.20	833.30		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	831.96	ANNUAL MAX:	842.6						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-047-2002 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 Miles west of Redwash atop Deadman's Bench
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.2062906011
 LONGITUDE: -109.35393186
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1701.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	24.0	2.0	16.0	6.0	11.0	7.0	9.0	7.0	9.0	7.0		
2	9.0	7.0	18.0	10.0	5.0	7.0	11.0	7.0	10.0			
3	12.0	13.0	23.0	7.0	5.0	6.0	9.0	7.0	8.0			
4	21.0	10.0	31.0	4.0	6.0	6.0	9.0	7.0	5.0			
5	23.0	9.0	6.0	5.0	5.0	6.0	9.0	5.0	8.0			
6	27.0	10.0	13.0	5.0	6.0	36.0	7.0	7.0	10.0			
7	30.0	17.0	13.0	6.0	9.0	15.0	12.0	6.0	12.0			
8	29.0	6.0	8.0	7.0	10.0	5.0	13.0	8.0	7.0			
9	25.0	9.0	7.0	9.0	10.0	5.0	8.0	8.0	7.0			
10	10.0	13.0	8.0	5.0	5.0	6.0	7.0	7.0	6.0			
11	13.0	16.0	10.0	6.0	4.0	7.0	8.0	8.0	6.0			
12	10.0	19.0	9.0	7.0	5.0	7.0	8.0	8.0	5.0			
13	17.0	25.0	6.0	8.0	5.0	7.0	7.0	7.0	5.0			
14	19.0	24.0	6.0	15.0	6.0	6.0	8.0	8.0	5.0			
15	22.0	25.0	6.0	15.0	7.0	7.0	4.0	7.0	6.0			
16	20.0	38.0	8.0	14.0	7.0	6.0	5.0	7.0	6.0			
17	16.0	8.0	15.0	8.0	6.0	6.0	7.0	7.0	7.0			
18	6.0	11.0	19.0	5.0	4.0	6.0	9.0	9.0	7.0			
19	12.0	18.0	21.0	4.0	4.0	6.0	9.0	6.0	9.0			
20	8.0	4.0	12.0	6.0	4.0	5.0	8.0	6.0	6.0			
21	20.0	14.0	17.0	6.0	6.0	6.0	7.0	7.0	5.0			
22	15.0	15.0	5.0	8.0	8.0	7.0	5.0	6.0	7.0			
23	14.0	23.0	6.0	7.0	6.0	7.0	7.0	7.0	7.0			
24	8.0	14.0	4.0	7.0	8.0	8.0	7.0	10.0	7.0			
25	20.0	9.0	6.0	12.0	6.0	7.0	8.0	7.0	7.0			
26	19.0	5.0	3.0	6.0	10.0	6.0	9.0	6.0	9.0			
27	21.0	10.0	4.0	5.0	9.0	6.0	12.0	7.0	11.0			
28	23.0	10.0	4.0	5.0	5.0	14.0	9.0	8.0	13.0			
29	18.0		6.0	5.0	5.0	12.0	8.0	7.0	9.0			
30	23.0		4.0	5.0	5.0	9.0	8.0	8.0	7.0			
31	19.0		6.0		6.0		6.0	9.0				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	30.0	38.0	31.0	15.0	11.0	36.0	13.0	10.0	13.0	7.0		
MEAN:	17.84	13.71	10.32	7.27	6.39	8.13	8.16	7.23	7.53	7.00		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	9.59	ANNUAL MAX:	38.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 10102-43-9
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: NON-REGULATORY

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.0	.0	4.0	2.0	1.0	2.0	1.0	.0	1.0	.0		
2	4.0	8.0	5.0	1.0	1.0	.0	1.0	.0	1.0			
3	4.0	8.0	2.0	.0	1.0	.0	1.0	.0	.0			
4	6.0	11.0	1.0	1.0	.0	1.0	.0	2.0	1.0			
5	3.0	3.0	2.0	2.0	1.0	2.0	1.0	1.0	1.0			
6	17.0	5.0	1.0	.0	1.0	1.0	.0	1.0	.0			
7	6.0	2.0	1.0	1.0	1.0	1.0	.0	6.0	1.0			
8	5.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0			
9	2.0	8.0	1.0	.0	.0	.0	1.0	1.0	3.0			
10	8.0	8.0	2.0	.0	.0	.0	.0	.0	1.0			
11	8.0	9.0	3.0	1.0	1.0	1.0	1.0	2.0	.0			
12	10.0	4.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0			
13	4.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	1.0			
14	1.0	2.0	2.0	.0	2.0	1.0	1.0	.0	4.0			
15	1.0	1.0	1.0	2.0	1.0	2.0	2.0	1.0	1.0			
16	1.0	1.0	4.0	1.0	.0	.0	1.0	1.0	.0			
17	3.0	1.0	.0	1.0	.0	.0	1.0	1.0	4.0			
18	4.0	5.0	1.0	1.0	.0	.0	.0	2.0	1.0			
19	3.0	1.0	1.0	1.0	.0	.0	.0	1.0	2.0			
20	10.0	2.0	1.0	.0	.0	.0	1.0	1.0	4.0			
21	6.0	2.0	2.0	1.0	.0	1.0	1.0	2.0	3.0			
22	3.0	3.0	1.0	.0	1.0	.0	1.0	1.0	3.0			
23	4.0	5.0	7.0	.0	1.0	.0	2.0	3.0	3.0			
24	7.0	1.0	3.0	.0	1.0	.0	.0	3.0	2.0			
25	5.0	2.0	2.0	1.0	1.0	.0	2.0	1.0	2.0			
26	7.0	1.0	.0	.0	1.0	1.0	.0	.0	3.0			
27	3.0	2.0	1.0	.0	.0	1.0	1.0	1.0	3.0			
28	1.0	2.0	.0	2.0	.0	1.0	1.0	.0	2.0			
29	1.0		1.0	.0	.0	.0	1.0	.0	5.0			
30	5.0		2.0	.0	1.0	1.0	1.0	1.0	5.0			
31	5.0		1.0		3.0		.0	4.0				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	17.0	11.0	7.0	2.0	3.0	2.0	2.0	6.0	5.0	0.0		
MEAN:	4.87	3.50	1.74	.70	.68	.67	.84	1.29	1.97	0.00		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	1.79	ANNUAL MAX:	17.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 11104-93-1
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.0	7.0	14.0	7.0	4.0	5.0	5.0	2.0	4.0	3.0		
2	11.0	18.0	21.0	6.0	5.0	4.0	3.0	3.0	3.0			
3	36.0	19.0	14.0	1.0	6.0	2.0	4.0	8.0	3.0			
4	22.0	30.0	8.0	7.0	1.0	6.0	3.0	7.0	5.0			
5	20.0	23.0	8.0	6.0	6.0	5.0	3.0	6.0	5.0			
6	52.0	24.0	8.0	2.0	5.0	3.0	2.0	4.0	5.0			
7	32.0	11.0	6.0	7.0	4.0	3.0	2.0	13.0	4.0			
8	31.0	11.0	2.0	1.0	4.0	4.0	7.0	6.0	8.0			
9	26.0	19.0	10.0	3.0	3.0	2.0	4.0	6.0	9.0			
10	21.0	32.0	8.0	1.0	3.0	3.0	3.0	4.0	5.0			
11	24.0	34.0	11.0	5.0	5.0	6.0	5.0	6.0	5.0			
12	28.0	21.0	7.0	9.0	5.0	7.0	5.0	5.0	3.0			
13	32.0	24.0	5.0	10.0	3.0	5.0	5.0	6.0	5.0			
14	19.0	28.0	7.0	1.0	7.0	4.0	2.0	4.0	9.0			
15	14.0	24.0	11.0	7.0	3.0	7.0	4.0	4.0	4.0			
16	20.0	32.0	13.0	10.0	4.0	2.0	4.0	2.0	3.0			
17	37.0	9.0	5.0	3.0	2.0	4.0	4.0	4.0	16.0			
18	14.0	28.0	6.0	5.0	3.0	3.0	3.0	7.0	4.0			
19	18.0	11.0	8.0	4.0	4.0	4.0	5.0	4.0	8.0			
20	26.0	6.0	3.0	8.0	3.0	4.0	3.0	8.0	11.0			
21	30.0	10.0	7.0	5.0	4.0	8.0	4.0	8.0	11.0			
22	27.0	13.0	5.0	3.0	6.0	2.0	5.0	4.0	6.0			
23	14.0	24.0	27.0	2.0	6.0	3.0	9.0	9.0	8.0			
24	24.0	17.0	11.0	3.0	5.0	3.0	3.0	9.0	7.0			
25	21.0	17.0	9.0	3.0	3.0	4.0	6.0	5.0	11.0			
26	22.0	8.0	5.0	1.0	5.0	4.0	4.0	3.0	8.0			
27	23.0	13.0	6.0	3.0	1.0	6.0	4.0	9.0	13.0			
28	20.0	13.0	2.0	7.0	7.0	4.0	5.0	3.0	7.0			
29	20.0		7.0	3.0	1.0	2.0	5.0	4.0	11.0			
30	33.0		8.0	2.0	5.0	4.0	4.0	6.0	12.0			
31	24.0		3.0		8.0		2.0	11.0				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	52.0	34.0	27.0	10.0	8.0	8.0	9.0	13.0	16.0	3.0		
MEAN:	24.26	18.79	8.55	4.50	4.23	4.10	4.10	5.81	7.10	3.00		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	8.96		ANNUAL MAX:	52.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (051) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.7	20.2	3.3	15.0	12.8	20.2	5.8	16.5	17.5	6.6		
2	2.7	7.0	6.2	22.1	7.8	22.7	12.2	14.0	12.6			
3	5.2	3.3	7.2	29.3	21.4	9.5	13.4	17.9	7.4			
4	4.5	2.9	9.7	7.4	19.0	18.8	17.1	12.4	5.8			
5	6.0	7.6	4.3	22.7	10.9	18.8	8.9	12.0	15.7			
6	7.0	6.8	7.6	24.3	19.6	32.6	14.4	13.4	18.4			
7	6.4	10.1	7.2	30.5	19.2	12.2	11.7	7.8	10.1			
8	4.1	23.9	22.5	22.1	27.0	17.7	12.2	8.4	8.7			
9	7.6	6.6	8.2	24.3	19.8	22.9	7.4	10.5	12.2			
10	6.2	4.5	4.5	22.3	25.1	6.4	16.1	9.3	8.4			
11	3.5	5.8	8.0	10.7	11.7	11.7	16.7	9.9	12.6			
12	4.9	5.0	10.5	14.6	7.2	15.5	11.3	10.5	11.7			
13	5.0	6.2	6.0	19.2	7.0	17.9	9.1	11.8	6.6			
14	8.4	5.8	13.4	26.2	17.5	19.0	10.7	15.7	19.8			
15	7.2	4.9	4.1	8.0	15.9	17.7	17.1	16.7	12.2			
16	5.4	9.3	28.5	21.9	21.9	24.3	15.0	8.5	13.6			
17	24.1	24.5	21.2	17.9	17.5	15.0	16.9	6.8	13.0			
18	25.2	6.4	5.4	24.3	14.2	11.7	13.8	16.9	7.2			
19	8.0	9.9	18.4	25.2	15.3	19.4	14.4	17.9	15.9			
20	5.8	12.8	20.4	16.9	11.8	8.7	5.8	9.1	16.3			
21	7.4	11.7	28.9	20.4	18.1	8.2	13.0	22.5	6.8			
22	7.4	6.0	20.6	21.0	14.8	8.0	10.9	10.7	5.6			
23	7.0	7.8	10.7	13.2	21.4	8.9	7.8	6.8	5.6			
24	6.8	5.4	18.8	8.4	20.0	17.7	7.6	9.7	7.0			
25	4.3	6.2	12.0	23.5	8.5	18.1	21.9	13.8	4.5			
26	6.8	9.9	14.2	25.6	25.2	20.0	15.3	10.9	5.6			
27	5.2	19.2	19.8	16.5	14.6	6.6	20.6	12.6	5.8			
28	5.6	12.2	25.1	18.6	11.5	21.6	7.6	12.4	7.8			
29	3.5		11.5	23.9	18.3	26.6	9.5	13.0	6.6			
30	3.9		23.5	14.0	17.7	21.9	8.4	13.8	9.7			
31	15.3		24.1		15.9		13.2	19.8				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	25.2	24.5	28.9	30.5	27.0	32.6	21.9	22.5	19.8	6.6		
MEAN:	7.23	9.35	13.74	19.67	16.41	16.68	12.45	12.65	10.36	6.60		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	13.16		ANNUAL MAX:	32.6				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (051) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	350	119	350	331	356		354	343	360	247		
2	354	275	317	354	268		360	357	341			
3	334	356	346	348	352		355	349	349			
4	349	330	358	360	333		360	358	360			
5	355	357	356	347	354		343	359	351			
6	286	359	353	314	335		345	336	357			
7	335	338	347	346	352		359	357	354			
8	354	324	315	352	331		349	352	358			
9	331	313	348	358	309		360	343	357			
10	357	251	329	315	343		357	356	359			
11	344	355	350	344	312		357	350	356			
12	345	284	360	355	270		350	355	345			
13	347	342	352	348	349		352	352	347			
14	357	278	345	302	353		356	352	342			
15	329	352	355	328	352		352	351	356			
16	297	357	357	347	356		356	348	350			
17	341	322	359	337	360		360	359	360			
18	360	358	359	324	352		352	351	359			
19	360	355	325	360	359		359	354	346			
20	355	355	359	352	354		354	359	333			
21	352	349	358	357		299	351	352	357			
22	354	355	295	337		349	356	357	355			
23	354	331	319	347		359	332	356	348			
24	348	357	359	359		357	358	358	314			
25	358	358	350	347		344	340	359	354			
26	359	360	359	348		354	318	353	354			
27	335	350	358	329		357	336	350	356			
28	299	356	296	345		355	354	358	359			
29	344		359	296		355	356	347	359			
30	350		354	351		355	354	359	353			
31	357		351				358	352				
NO.:	31	28	31	30	14	10	31	31	30	1	0	0
MAX:	360.	360.	360.	360.	356.	359.	360.	359.	360.	247.		
MEAN:	343.5	328.4	345.1	341.3	329.8	348.4	351.7	353.0	351.6	247.0		
ANNUAL OBSERVATIONS:	237		ANNUAL MEAN:		344.0	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (021) INSTRUMENTAL ARITH STD DEV LEVEL 1
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	29.7	10.6	10.2	60.8	43.7		40.1	55.8	32.9	10.3		
2	19.6	44.7	19.3	29.6	58.9		34.1	46.1	63.2			
3	25.0	15.2	38.3	44.8	45.2		40.4	41.5	32.5			
4	35.2	27.6	41.6	42.3	34.6		41.4	48.5	62.6			
5	37.4	39.1	14.8	44.1	53.4		47.0	42.9	63.7			
6	34.8	32.0	18.8	40.9	38.0		39.5	64.6	53.9			
7	28.1	41.4	37.0	42.1	41.2		46.7	53.6	59.5			
8	40.1	26.5	50.7	35.2	36.6		39.5	45.3	55.3			
9	43.6	14.4	27.0	31.2	27.8		45.0	39.1	48.4			
10	46.3	19.2	26.5	21.3	40.7		32.7	50.8	43.2			
11	26.4	29.5	39.8	45.9	29.3		52.7	52.4	51.2			
12	18.6	36.1	41.6	39.3	45.5		46.8	57.3	49.1			
13	20.7	32.2	50.4	44.2	41.6		52.2	41.2	55.6			
14	36.8	44.9	43.8	37.2	37.2		49.6	46.7	52.3			
15	35.1	31.3	47.1	41.6			56.7	64.4	49.3			
16	20.6	43.2	34.8	44.2			44.8	51.7	64.9			
17	54.9	34.5	27.5	32.7			55.2	52.2	65.3			
18	50.8	23.7	34.7	29.7			50.9	50.2	53.0			
19	45.2	25.9	22.4	40.3			44.7	51.7	57.8			
20	23.3	40.0	50.9	45.8			43.2	52.7	51.9			
21	46.8	26.4	27.3	36.9		23.5	53.5	35.4	55.4			
22	49.3	41.0	21.6	14.3		41.7	44.1	44.5	56.9			
23	35.6	33.7	55.4	49.3		48.4	41.0	45.5	41.4			
24	41.8	42.4	34.9	21.9		49.9	52.8	40.5	45.0			
25	27.2	26.5	36.6	47.1		43.5	31.4	44.0	54.7			
26	31.3	45.4	52.0	41.1		43.6	68.3	27.4	52.7			
27	21.2	46.9	26.2	50.3		44.4	41.4	62.2	57.3			
28	20.0	18.5	31.8	52.8		58.2	52.9	44.9	49.4			
29	20.7		46.2	45.0		58.2	39.8	52.3	63.7			
30	24.8		43.5	38.8		51.3	39.4	30.2	42.9			
31	32.1		37.9				58.6	49.3				
NO.:	31	28	31	30	14	10	31	31	30	1	0	0
MAX:	54.9	46.9	55.4	60.8	58.9	58.2	68.3	64.6	65.3	10.3		
MEAN:	33.00	31.89	35.18	39.69	40.98	46.27	46.01	47.90	52.83	10.30		
ANNUAL OBSERVATIONS:		237		ANNUAL MEAN:	41.10		ANNUAL MAX:	68.3				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61109) Vertical Wind Speed

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (020) Instrumental Electronic or machine
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: -20

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.2	.6	.2	1.6	1.2	1.7	.4	1.7	1.7	.4		
2	.2	.6	.6	2.1	.8	1.9	.2	1.4	1.2			
3	.6	.2	.6	2.9	2.3	.8	1.2	1.6	.4			
4	.4	.2	1.0	.4	1.7	1.9	1.6	.8	.2			
5	.4	.6	.2	2.5	.2	1.6	.6	1.0	1.6			
6	.8	.6	.8	2.1	2.1	2.9	1.0	1.2	1.4			
7	.6	.8	.8	2.5	1.7	1.2	1.0	.8	.8			
8	.2	.6	2.5	2.1	2.1	1.2	.8	.8	.8			
9	.8	.6	.6	2.1	1.7	2.5	.6	.8	1.0			
10	.4	.4	.2	1.9	.8	.4	.6	.6	.6			
11	.0	.2	.8	1.2	.6	1.0	1.0	1.0	1.2			
12	.4	.0	1.0	1.6	.4	1.4	1.2	1.0	.8			
13	.4	.2	.4	1.7	.2	1.9	.4	1.2	.4			
14	.8	.2	1.2	3.1	1.6	2.1	.8	.8	1.4			
15	.8	.4	.4	.8	1.4	1.7	1.7	1.4	1.2			
16	.6	.8	3.5	2.3	2.1	2.3	1.2	.8	1.4			
17	2.9	2.7	1.7	2.1	1.9	1.6	1.7	.4	1.4			
18	2.9	.4	.4	2.9	1.4	1.0	1.4	1.6	.6			
19	.8	.8	1.7	3.1	1.6	1.9	1.2	1.7	1.2			
20	.2	1.4	1.6	1.7	1.0	.8	.4	.6	1.6			
21	.8	1.2	2.3	2.1	1.9	.6	1.2	1.9	.4			
22	.6	.2	2.1	2.1	1.4	.6	1.0	1.0	.4			
23	.6	.6	1.2	1.0	1.7	1.0	.6	.6	.2			
24	.6	.2	1.9	.4	1.9	1.7	.6	.6	.6			
25	.2	.6	1.2	2.3	.4	1.4	1.0	1.2	.4			
26	.6	.6	.6	2.5	2.9	2.1	1.6	1.0	.4			
27	.2	2.1	2.1	1.7	1.4	.4	2.1	.6	.4			
28	.2	1.2	2.9	1.6	.8	1.6	.6	1.2	.6			
29	.2		.8	2.5	2.1	2.1	.8	1.0	.4			
30	.2		2.3	1.6	1.7	2.1	.8	1.2	.8			
31	.4		2.3		1.7		1.4	1.4				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	2.9	2.7	3.5	3.1	2.9	2.9	2.1	1.9	1.7	.4		
MEAN:	.61	.68	1.29	1.95	1.44	1.51	.99	1.06	.85	.40		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	1.15		ANNUAL MAX:	3.5				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61110) Std Dev Vt Wind Speed

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.2	1.4	.4	1.2	1.2	1.2	.8	1.4	1.4	.2		
2	.2	.4	.2	1.6	1.2	1.4	1.0	1.2	1.0			
3	.2	.4	.4	2.1	1.4	1.0	1.6	1.4	1.0			
4	.2	.4	.4	1.0	1.4	1.2	1.4	1.4	1.0			
5	.4	.4	.4	1.4	1.0	1.4	.8	1.0	1.2			
6	.4	.4	.4	1.7	1.4	1.9	1.4	1.2	1.6			
7	.4	.6	.4	1.7	1.4	1.2	1.2	1.0	1.0			
8	.2	1.9	1.7	1.4	1.6	1.4	1.4	.8	1.0			
9	.4	.4	.4	1.6	1.4	1.7	1.0	1.0	1.0			
10	.2	.4	.6	1.7	1.2	1.0	.8	1.0	.8			
11	.2	.4	.6	1.2	1.0	1.0	1.0	1.0	1.2			
12	.2	.4	1.0	1.2	1.0	1.2	1.0	1.0	1.0			
13	.2	.4	.8	1.6	1.0	1.7	1.0	1.0	1.0			
14	.4	.4	1.2	1.9	1.2	1.4	1.0	1.0	1.0			
15	.4	.2	1.0	1.2	1.4	1.6	1.4	1.7	1.2			
16	.4	.4	2.1	1.7	1.4	1.7	1.2	1.0	1.2			
17	1.7	1.7	1.6	1.6	1.4	1.0	1.4	1.0	1.2			
18	1.7	.4	.8	1.7	1.0	1.0	1.0	1.2	.8			
19	.4	.8	1.2	1.7	1.4	1.6	1.6	1.4	1.2			
20	.4	.6	1.2	1.2	1.0	1.0	1.0	1.0	1.2			
21	.4	.4	1.6	1.7	1.4	.8	1.2	1.4	1.0			
22	.6	.4	1.7	1.6	1.2	.8	1.2	1.2	1.0			
23	.4	.4	1.0	1.0	2.1	.8	.8	.8	.8			
24	.4	.2	1.2	.8	1.7	1.4	1.0	.8	.8			
25	.4	.4	1.0	1.7	1.0	1.4	1.2	1.0	.8			
26	.4	.6	1.0	2.1	1.9	1.6	1.6	1.0	.8			
27	.2	1.4	1.6	1.4	1.4	1.0	1.0	1.0	.8			
28	.2	.8	1.9	1.4	1.0	1.4	.8	1.0	.8			
29	.2		1.0	1.7	1.6	1.6	.8	1.0	.8			
30	.4		1.7	1.2	1.4	1.6	.8	1.7	.8			
31	.8		1.9		1.0		1.2	1.4				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	1.7	1.9	2.1	2.1	2.1	1.9	1.6	1.7	1.6	.2		
MEAN:	.43	.61	1.05	1.50	1.31	1.30	1.12	1.13	1.01	.20		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	1.05		ANNUAL MAX:	2.1				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	-5	16	32	73	53	82	85	87	93	63		
2	-3	0	35	79	59	76	91	88	90			
3	0	2	37	57	69	70	94	85	84			
4	-2	8	40	54	64	84	91	85	85			
5	4	17	34	72	73	89	82	91	87			
6	4	30	35	58	77	90	88	93	78			
7	7	26	37	62	83	79	85	92	78			
8	9	27	40	54	80	82	77	92	78			
9	19	7	44	54	61	76	87	94	79			
10	6	7	45	53	54	76	72	93	79			
11	-3	10	53	59	57	83	82	93	78			
12	5	14	50	65	70	84	78	93	78			
13	11	17	52	66	75	81	77	93	80			
14	16	20	55	55	71	83	87	82	78			
15	12	20	55	58	79	89	90	93	75			
16	16	25	54	69	71	76	93	90	78			
17	44	35	43	73	58	76	92	93	74			
18	40	28	49	62	54	80	89	94	78			
19	30	32	57	59	56	72	83	88	81			
20	24	34	57	62	57	74	87	90	83			
21	19	25	59	56	71	80	94	91	80			
22	32	20	50	55	69	86	94	93	79			
23	19	26	52	52	63	93	94	96	80			
24	21	28	53	50	66	95	94	96	82			
25	21	33	45	59	69	93	96	92	82			
26	23	41	47	52	72	90	85	91	83			
27	19	38	54	56	71	87	82	91	83			
28	16	31	53	67	64	96	84	90	85			
29	16		50	51	68	96	91	91	82			
30	17		59	48	60	69	93	89	85			
31	28		71		73		88	93				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	44.	41.	71.	79.	83.	96.	96.	96.	93.	63.		
MEAN:	15.0	22.0	48.3	59.7	66.7	82.9	87.3	91.0	81.2	63.0		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	61.9	ANNUAL MAX:	96.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-2003 POC: 2
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (042) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	-4	16	33	72	51	82	84	86	91	67		
2	-3	0	35	77	58	74	90	86	88			
3	0	2	37	58	67	69	93	84	83			
4	-1	8	41	53	63	82	89	83	83			
5	4	18	35	70	72	87	81	89	86			
6	4	30	35	57	76	88	86	91	75			
7	7	27	38	60	81	78	83	91	77			
8	9	28	41	53	78	81	75	91	77			
9	19	7	44	52	62	74	86	92	78			
10	8	7	45	51	53	75	73	91	78			
11	-3	10	52	59	55	82	81	92	76			
12	5	14	50	63	69	83	76	92	76			
13	11	17	51	65	73	80	76	92	79			
14	15	21	55	53	70	81	86	82	76			
15	12	21	55	57	78	88	89	91	73			
16	16	25	54	67	69	75	91	88	76			
17	46	36	42	71	57	75	91	92	73			
18	42	27	48	62	53	80	88	92	75			
19	30	32	56	57	55	74	82	88	80			
20	27	36	56	60	56	73	86	88	82			
21	19	26	58	55	69	79	92	89	77			
22	32	20	48	53	67	85	93	92	78			
23	22	27	51	51	61	93	92	94	79			
24	21	28	51	49	64	93	92	94	81			
25	21	33	44	58	67	91	94	91	81			
26	23	42	47	49	70	88	84	89	83			
27	19	39	52	55	69	85	80	89	82			
28	16	32	51	64	62	95	83	89	84			
29	15		49	52	66	94	90	90	81			
30	17		58	45	58	68	92	87	84			
31	28		69		73		86	91				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	46.	42.	69.	77.	81.	95.	94.	94.	91.	67.		
MEAN:	15.4	22.5	47.8	58.3	65.2	81.7	85.9	89.5	79.7	67.0		
ANNUAL OBSERVATIONS:		274		ANNUAL MEAN:	61.0	ANNUAL MAX:	95.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62106) Temperature Difference

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (041) Instrumental Electronic or machine
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Temp Difference, Centigrade
 MIN DETECTABLE: -100

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	1.4	1.9	1.6	1.8	1.0	1.7	1.4	.9	1.7	2.1		
2	1.3	2.1	1.5	1.5	2.2	2.4	1.2	1.0	1.6			
3	1.7	1.3	2.0	.8	1.3	1.2	2.4	.9	2.0			
4	1.2	1.2	2.7	1.5	1.1	2.3	1.6	1.2	2.3			
5	1.3	1.6	1.1	1.4	1.9	2.8	.9	1.3	1.5			
6	1.6	2.9	1.2	.6	2.3	1.4	.8	2.5	.1			
7	2.0	1.4	1.4	1.1	1.3	2.9	.7	2.6	1.1			
8	1.6	1.7	2.1	.5	2.7	1.9	.5	3.1	2.1			
9	2.7	2.0	1.9	.7	.8	1.0	1.2	2.1	1.0			
10	2.9	1.5	1.3	1.0	.6	1.7	.7	2.9	.9			
11	1.6	2.7	1.9	1.3	.8	1.7	1.0	1.4	1.5			
12	1.5	1.7	1.2	1.1	1.0	2.4	1.1	2.5	1.7			
13	1.8	1.6	1.3	1.2	2.1	2.6	.8	2.0	1.5			
14	1.8	2.2	1.2	.3	1.2	1.1	2.0	1.1	1.8			
15	1.2	2.4	1.4	1.8	1.5	2.5	3.7	1.3	.9			
16	1.2	1.5	2.0	2.0	1.4	1.4	1.5	1.6	1.6			
17	2.2	3.3	.2	1.0	.1	.6	1.3	2.6	1.0			
18	1.9	1.3	1.4	.5	.1	2.1	.5	2.6	1.6			
19	3.6	.6	1.1	1.1	.2	1.1	.7	1.9	1.7			
20	2.3	2.6	1.5	1.2	.2	1.0	1.5	1.9	2.0			
21	2.8	3.0	1.0	.6	1.2	1.8	2.1	1.5	1.7			
22	3.0	1.5	2.0	1.3	1.4	1.5	2.1	1.7	2.1			
23	3.3	2.3	1.5	.3	1.2	2.2	2.5	1.8	3.0			
24	2.7	1.6	1.3	.5	.9	2.3	2.5	1.6	2.3			
25	1.4	1.4	2.2	.6	1.0	2.7	2.4	1.9	2.4			
26	1.9	1.4	1.4	.4	1.1	2.4	.4	1.8	2.3			
27	1.4	1.9	.7	1.1	.3	2.1	.3	1.4	2.6			
28	1.7	2.1	1.4	1.7	.4	2.0	1.2	1.4	2.4			
29	.7		1.5	1.9	.4	1.9	1.5	1.5	2.1			
30	.5		.8	.4	.8	.6	1.3	1.5	2.2			
31	1.4		1.3		1.5		1.2	1.2				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	3.6	3.3	2.7	2.0	2.7	2.9	3.7	3.1	3.0	2.1		
MEAN:	1.86	1.88	1.45	1.04	1.10	1.84	1.39	1.76	1.76	2.10		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	1.56	ANNUAL MAX:	3.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.76	.90	1.15	1.31	1.54	1.44	1.44	1.16	1.27	.01		
2	.76	.92	.88	1.17	1.57	1.60	1.49	1.39	1.30			
3	.76	.91	1.05	1.41	1.37	1.59	1.51	1.20	1.34			
4	.76	.88	1.18	1.37	1.47	1.56	1.40	1.39	1.33			
5	.70	.95	.97	1.39	1.51	1.58	1.02	1.41	1.28			
6	.76	.87	.77	1.41	1.22	1.57	1.46	1.43	1.15			
7	.74	.93	.85	1.26	1.50	1.59	1.41	1.47	1.17			
8	.70	.91	1.18	1.08	1.52	1.59	1.01	1.47	1.25			
9	.77	.96	1.14	1.03	1.39	1.73	1.45	1.47	1.25			
10	.83	.98	1.20	1.20	1.40	1.60	.85	1.48	1.23			
11	.56	1.02	1.15	1.38	.88	1.65	1.43	1.47	1.08			
12	.74	1.06	.92	1.40	1.55	1.61	1.08	1.47	1.21			
13	.76	.99	1.11	1.36	1.55	1.35	1.41	1.45	1.19			
14	.60	1.03	.84	1.41	1.34	1.61	1.44	.59	1.24			
15	.55	.94	1.15	1.43	1.52	1.58	1.47	1.39	1.16			
16	.73	1.04	.78	1.34	1.22	1.30	1.49	1.33	1.17			
17	.71	1.04	.53	1.42	1.36	1.50	1.11	1.38	1.18			
18	.66	.75	1.13	.44	1.19	1.37	1.38	1.40	1.18			
19	.84	.87	.71	1.45	1.58	.95	1.45	1.34	1.19			
20	.78	1.07	.86	1.10	1.30	1.53	1.43	1.29	1.20			
21	.84	1.06	1.12	1.24	1.52	1.48	1.47	1.31	1.21			
22	.91	.99	1.06	1.46	1.54	1.57	1.51	1.32	1.22			
23	.79	1.06	1.27	1.25	.85	1.56	1.53	1.31	1.22			
24	.87	1.14	.86	1.15	1.48	1.58	1.51	1.33	1.20			
25	.68	1.08	.66	1.11	1.55	1.57	1.54	1.14	1.21			
26	.87	1.06	1.23	1.52	1.57	1.53	1.09	1.27	1.19			
27	.87	1.10	1.25	1.54	1.61	1.58	1.40	1.39	1.18			
28	.83	1.13	1.31	1.52	1.32	1.55	1.41	1.25	1.16			
29	.65		1.33	1.20	1.35	1.27	1.42	1.26	1.16			
30	.80		1.30	1.47	1.39	.91	1.45	1.22	1.15			
31	.62		1.34		1.54		1.32	1.25				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	.91	1.14	1.34	1.54	1.61	1.73	1.54	1.48	1.34	.01		
MEAN:	.748	.987	1.041	1.294	1.410	1.497	1.367	1.324	1.209	.005		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	1.205	ANNUAL MAX:	1.73						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(64101) Barometric pressure

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (014) INSTRUMENTAL BAROMETRIC SENSOR
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Millibars
 MIN DETECTABLE: .7

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	862.6	862.6	861.2	853.2	859.9	854.6	857.2	857.2	851.9	855.9		
2	863.9	867.9	857.2	850.6	863.9	850.6	857.2	858.6	854.6			
3	859.9	869.2	854.6	855.9	859.9	854.6	855.9	855.9	857.2			
4	861.2	866.6	863.9	861.2	861.2	857.2	858.6	857.2	858.6			
5	866.6	857.2	862.6	855.9	862.6	858.6	858.6	855.9	855.9			
6	867.9	861.2	854.6	850.6	851.9	850.6	857.2	855.9	861.2			
7	862.6	859.9	845.2	845.2	847.9	850.6	857.2	854.6	862.6			
8	854.6	859.9	857.2	842.6	842.6	850.6	853.2	855.9	862.6			
9	850.6	865.2	863.9	845.2	843.9	854.6	854.6	853.2	858.6			
10	862.6	862.6	863.9	859.9	846.6	857.2	855.9	853.2	858.6			
11	867.9	866.6	855.9	862.6	853.2	849.2	855.9	851.9	859.9			
12	869.2	869.2	854.6	854.6	857.2	850.6	854.6	855.9	861.2			
13	869.2	863.9	861.2	851.9	859.9	854.6	854.6	857.2	859.9			
14	867.9	861.2	859.9	858.6	853.2	857.2	853.2	857.2	855.9			
15	867.9	859.9	858.6	861.2	850.6	854.6	851.9	855.9	854.6			
16	861.2	851.9	853.2	854.6	846.6	847.9	853.2	857.2	854.6			
17	855.9	853.2	858.6	849.2	845.2	851.9	857.2	858.6	855.9			
18	857.2	855.9	859.9	843.9	843.9	851.9	859.9	857.2	861.2			
19	857.2	854.6	850.6	851.9	846.6	847.9	857.2	853.2	861.2			
20	863.9	847.9	851.9	853.2	849.2	851.9	855.9	853.2	857.2			
21	859.9	851.9	845.2	850.6	850.6	855.9	853.2	857.2	858.6			
22	857.2	853.2	851.9	851.9	850.6	857.2	851.9	858.6	861.2			
23	859.9	851.9	854.6	850.6	849.2	851.9	854.6	857.2	863.9			
24	861.2	849.2	846.6	849.2	853.2	849.2	859.9	858.6	858.6			
25	861.2	847.9	849.2	849.2	857.2	849.2	857.2	858.6	854.6			
26	865.2	841.2	850.6	851.9	849.2	851.9	855.9	859.9	855.9			
27	865.2	853.2	846.6	857.2	850.6	855.9	855.9	859.9	859.9			
28	862.6	858.6	854.6	858.6	846.6	853.2	858.6	857.2	859.9			
29	857.2		859.9	851.9	839.9	851.9	858.6	854.6	859.9			
30	854.6		855.9	857.2	855.9	854.6	858.6	853.2	859.9			
31	853.2		854.6		859.9		858.6	851.9				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	869.2	869.2	863.9	862.6	863.9	858.6	859.9	859.9	863.9	855.9		
MEAN:	861.53	857.99	855.43	853.01	851.90	852.93	856.20	856.28	858.53	855.90		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	855.97	ANNUAL MAX:	869.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-047-2003 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: 2 miles south of Ouray and south of the White and Green River confluence
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.0567100920
 LONGITUDE: -109.68810764
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1466.8
 PROBE HEIGHT: 2

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: NON-REGULATORY
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	10.0	3.0	15.0	7.0	5.0	7.0	10.0	6.0	35.0	7.0		
2	23.0	11.0	26.0	19.0	8.0	7.0	12.0	7.0	13.0			
3	20.0	24.0	30.0	21.0	6.0	5.0	8.0	10.0	21.0			
4	23.0	17.0	25.0	9.0	5.0	8.0	12.0	7.0	31.0			
5	24.0	20.0	8.0	6.0	11.0	8.0	12.0	4.0	34.0			
6	28.0	23.0	17.0	15.0	16.0	50.0	12.0	6.0	9.0			
7	28.0	15.0	18.0	9.0	11.0	7.0	63.0	7.0	12.0			
8	30.0	9.0	6.0	7.0	11.0	7.0	32.0	12.0	15.0			
9	25.0	8.0	6.0	9.0	9.0	5.0	9.0	28.0	11.0			
10	12.0	23.0	10.0	7.0	4.0	6.0	8.0	25.0	10.0			
11	12.0	14.0	14.0	6.0	4.0	7.0	8.0	9.0	7.0			
12	16.0	18.0	9.0	11.0	6.0	8.0	10.0	14.0	10.0			
13	19.0	24.0	8.0	10.0	7.0	10.0	7.0	10.0	10.0			
14	19.0	28.0	7.0	15.0	7.0	6.0	8.0	22.0	10.0			
15	21.0	40.0	6.0	19.0	6.0	12.0	7.0	22.0	8.0			
16	19.0	32.0	8.0	20.0	6.0	15.0	8.0	11.0	9.0			
17	19.0	20.0	17.0	6.0	4.0	6.0	10.0	11.0	5.0			
18	9.0	10.0	17.0	12.0	5.0	9.0	7.0	8.0	6.0			
19	13.0	22.0	18.0	6.0	4.0	11.0	14.0	17.0	7.0			
20	7.0	5.0	12.0	5.0	4.0	10.0	7.0	19.0	7.0			
21	20.0	11.0	19.0	6.0	5.0	6.0	12.0	11.0	5.0			
22	14.0	31.0	4.0	9.0	5.0	10.0	11.0	9.0	8.0			
23	6.0	17.0	5.0	8.0	14.0	9.0	9.0	15.0	9.0			
24	14.0	29.0	18.0	9.0	10.0	12.0	9.0	19.0	11.0			
25	22.0	24.0	7.0	7.0	5.0	10.0	8.0	41.0	9.0			
26	26.0	16.0	4.0	5.0	13.0	20.0	29.0	8.0	8.0			
27	40.0	9.0	6.0	5.0	7.0	23.0	13.0	6.0	10.0			
28	48.0	10.0	7.0	5.0	5.0	133.0	9.0	11.0	10.0			
29	26.0		12.0	6.0	4.0	32.0	13.0	6.0	11.0			
30	29.0		6.0	4.0	4.0	15.0	13.0	8.0	9.0			
31	25.0		8.0		7.0		6.0	15.0				
NO.:	31	28	31	30	31	30	31	31	30	1	0	0
MAX:	48.0	40.0	30.0	21.0	16.0	133.0	63.0	41.0	35.0	7.0		
MEAN:	20.87	18.32	12.03	9.43	7.03	15.80	12.77	13.03	12.00	7.00		
ANNUAL OBSERVATIONS:	274		ANNUAL MEAN:	13.41	ANNUAL MAX:	133.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 10102-43-9
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.8			.7	.3	.3	.3	.5	.2	.1	1.2	.3
2	1.9			.2	.1	.1	.2	.4	.2	.2	.2	1.2
3	1.5			.1	.4	.7	.2	.4	.1	.3	1.0	1.1
4	1.3			.9	.1	.1	.2	.4	.1	.4	.5	1.2
5	.7			.4	.2	.8	.4	.7	.7	.4	.6	2.8
6	1.1			.1	.2	.9	.4	.0	.5	.5	.4	1.8
7	.5			.3	.1	.3	.3	.6	.4	.4	.5	3.0
8	2.1			.2	.4	.2	.4	.4	.4	.5	1.4	1.7
9	.4			.2	.1	.2	.4	.4	.4	.4	3.8	2.4
10	1.4			.2	.4	.1	.3	.2	.2	1.0	1.0	3.6
11	1.8			.2	.2	.1	.7	.4	.4	.4	1.3	1.2
12	1.4			.4	.5	.1	.4	.2	.2	.3	.4	.9
13	1.2			.2	.5	.2	.5	.2	.2	.3	.3	2.4
14	.8			.0	.3	.4	.6	.6	.5	.5	.3	.3
15	.5			.6	.4	.1	.5	.2	.2	.4	.3	.2
16	.8			.3	.0	.2	.3	.4	.4	.3	.6	.3
17	.5			.3	.2	.1	.2	.5	.1	.1	.6	.3
18	.5			.2	.2	.2	.4	.2	.2	.4	.8	.4
19	.5			.5	.1	.3	.5	.1	.5	.5	.3	.8
20	1.1			.2	.3	.3	.4	.4	.2	.5	.5	1.4
21	2.1			.2	.3	.1	.3	.4	.4	.4	.7	3.2
22	.4			.2	.3	.1	.3	.4	2.7	.6	.7	.4
23	1.2			.1	.5	.2	.2	.4	.5	.9	1.3	3.0
24	.5			.2	.3	.2	.2	.1	.3	.6	.6	3.5
25	.4			.3	.1	.3	.4	.1	.4	.5	1.6	2.6
26	.0			.3	.3	.2	.4	.1	.6	.5	.7	1.9
27				.3	.2	.2	.5	.2	.4	1.2	.7	1.6
28				.4	.1	.2	.4	.4	.4	.7	1.4	2.6
29				.1	.2	.1	.5	.4	.6	.5	2.6	1.5
30				.1	.3	.3	.2	.2	.5	.9	1.8	1.4
31					.2		.2	.4		.8		.2
NO.:	26	0	0	30	31	30	31	19	30	31	30	31
MAX:	2.1			.9	.5	.9	.7	.7	2.7	1.2	3.8	3.6
MEAN:	.98			.28	.25	.25	.36	.32	.45	.51	.93	1.59
ANNUAL OBSERVATIONS:	289			ANNUAL MEAN:	.60	ANNUAL MAX:	3.8					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER: 11104-93-1
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 4

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	5.7			4.6	1.3	1.9	2.3	2.6	1.6	2.2	5.9	2.0
2	8.4			.6	1.3	1.2	2.1	2.7	1.8	2.0	1.5	5.1
3	11.2			.0	2.3	2.9	1.7	2.2	1.6	2.5	2.9	3.7
4	7.0			2.0	1.3	1.9	2.0	2.2	1.3	2.2	3.0	4.6
5	7.8			.7	1.8	3.3	2.5	3.3	4.4	2.4	2.1	10.2
6	11.9			.7	1.7	2.2	2.5	.5	4.8	2.2	1.7	6.6
7	12.5			.9	1.7	1.2	2.0		4.9	1.8	3.3	12.1
8	16.1			.5	2.8	1.6	2.6		2.7	2.9	5.1	10.8
9	8.0			.5	1.9	1.5	2.2		2.8	2.6	10.0	13.3
10	9.8			.5	2.3	1.0	2.1		1.9	3.5	4.3	15.4
11	7.3			.6	1.8	1.3	3.7		2.5	2.1	6.1	12.0
12	7.1			2.2	2.5	1.3	2.0		2.3	1.6	3.5	13.2
13	13.0			1.7	2.9	1.6	1.9		1.6	3.5	1.5	14.5
14	9.8			1.4	1.7	2.8	2.5		3.5	2.6	1.5	5.0
15	8.3			3.0	2.5	1.4	2.5		2.0	2.9	1.4	4.3
16	9.0			2.2	1.1	1.9	2.4		2.2	2.1	2.8	2.9
17	3.6			1.7	1.8	1.5	1.6		2.2	1.5	2.7	3.3
18	4.0			1.6	1.6	1.8	2.2		1.7	1.9	3.0	3.4
19	2.3			1.9	1.4	1.4	2.8	1.2	2.4	3.2	1.9	5.1
20	3.5			1.4	1.9	1.7	1.9	3.3	1.8	3.3	3.1	7.6
21	4.3			1.9	2.0	1.5	1.6	2.1	1.9	3.4	3.5	13.1
22	2.1			1.9	1.9	1.8	2.4	2.8	8.4	2.8	4.8	4.1
23	3.5			1.9	2.2	2.4	1.4	3.0	2.9	3.3	6.8	6.9
24	2.7			2.3	2.1	1.6	1.7	1.4	2.5	3.4	4.6	11.3
25	6.6			2.1	1.4	1.9	4.6	2.1	2.4	2.6	6.2	12.3
26	1.7			1.6	2.3	1.5	2.2	1.7	3.5	1.8	2.4	12.7
27				1.9	2.0	2.4	2.4	2.0	2.1	4.0	3.5	13.3
28				2.1	1.2	2.1	2.2	3.6	2.7	3.8	5.2	11.7
29				1.1	1.7	1.5	3.2	2.4	3.8	6.7	9.2	8.5
30				1.0	1.9	1.9	1.8	1.8	2.5	5.3	8.2	5.4
31					1.2		1.9	2.7		3.7		2.1
NO.:	26	0	0	30	31	30	31	19	30	31	30	31
MAX:	16.1			4.6	2.9	3.3	4.6	3.6	8.4	6.7	10.0	15.4
MEAN:	7.20			1.55	1.85	1.80	2.29	2.29	2.76	2.90	4.06	8.27
ANNUAL OBSERVATIONS:	289		ANNUAL MEAN:	3.50	ANNUAL MAX:	16.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (065) Instrumental RM Young Model 05305
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.1	8.9	11.5	11.1	11.5	10.7	10.3	8.4	9.7	8.9	16.5	24.5
2	4.5	4.7	8.4	21.0	8.9	17.5	10.5	9.1	14.0	9.1	8.5	3.7
3	3.9	3.9	6.6	19.2	17.5	9.9	10.9	9.5	8.5	8.4	8.9	5.4
4	5.2	4.3	10.3	7.6	10.5	11.7	15.5	14.8	10.3	8.9	14.2	7.0
5	4.9	12.2	8.7	21.4	9.7	11.7	9.9	10.7	11.5	7.6	12.6	6.6
6	5.4	15.0	8.2	9.7	18.1	22.7	17.1	10.1	9.3	9.7	8.4	4.3
7	6.2	8.0	6.8	15.7	16.1	13.4	9.7	10.1	9.3	5.6	8.7	4.1
8	2.7	9.9	9.7	21.2	15.3	12.6	9.3	11.1	8.2	3.7	9.9	4.7
9	7.6	6.8	5.8	15.5	10.1	20.4	8.2	14.4	9.9	7.0	9.5	5.2
10	9.9	5.8	9.3	9.7	11.3	9.3	7.2	14.0	8.4	8.9	8.0	3.7
11	7.2	4.3	9.1	9.3	8.4	11.1	14.0	14.6	8.9	16.1	7.2	3.9
12	3.5	4.5	8.0	9.3	12.2	9.1	9.7	12.2	8.4	8.9	17.7	5.2
13	2.9	8.4	8.5	16.1	10.9	18.3	12.6	10.1	9.1	8.5	22.7	5.2
14	5.8	7.0	9.7	14.4	12.8	14.4	10.1	11.3	7.6	10.3	19.6	3.1
15	4.9	5.2	8.9	7.2	11.3	15.0	10.5	11.7	6.6	10.1	9.1	3.3
16	4.5	11.3	14.0	19.8	13.8	14.6	10.9	9.1	13.6	8.9	8.4	3.9
17	14.8	13.4	8.7	19.2	11.5	8.0	18.8	14.0	10.5	11.1	8.9	3.3
18	9.5	9.5	8.4	18.1	9.9	11.1	9.3	13.4	9.1	8.9	14.6	3.5
19	15.0	8.2	14.2	21.8	6.8	9.9	10.3	14.8	9.3	8.4	11.5	8.2
20	7.4	12.2	10.7	14.4	6.2	10.7	10.1	9.9	8.9	9.3	3.1	4.3
21	7.2	10.7	18.3	17.5	14.0	10.9	10.5	15.0	8.5	8.5	6.2	5.4
22	11.8	11.1	18.3	15.3	8.2	10.9	11.3	10.1	10.1	9.7	8.0	22.9
23	11.3	7.4	9.3	7.8	15.7	12.8	9.7	10.3	10.5	9.1	8.5	4.7
24	9.1	12.2	14.2	7.8	14.0	16.3	9.9	9.9	10.1	9.1	7.4	5.4
25	6.0	4.3	8.5	20.6	8.4	12.8	10.1	11.5	10.5	8.4	21.6	4.5
26	5.6	5.0	8.5	15.3	20.8	18.3	12.6	10.5	10.1	6.6	7.4	4.1
27	4.7	9.3	23.1	9.1	19.8	10.3	11.7	8.5	10.5	7.8	4.1	4.3
28	3.3	10.3	22.5	11.1	9.3	11.1	13.6	17.1	10.7	7.4	3.1	5.0
29	3.3		8.2	19.0	16.1	17.5	10.7	8.5	9.7	7.6	8.2	12.6
30	5.8		7.4	8.5	18.1	15.0	9.9	15.9	9.7	9.1	12.4	7.0
31	5.4		19.2		9.1		8.0	13.4		8.2		20.6
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	15.0	15.0	23.1	21.8	20.8	22.7	18.8	17.1	14.0	16.1	22.7	24.5
MEAN:	6.56	8.35	11.06	14.46	12.46	13.27	11.06	11.74	9.72	8.70	10.50	6.76
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	10.39	ANNUAL MAX:	24.5						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (065) Instrumental RM Young Model 05305
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	354	290	359	358	355	359	359	354	359	360	357	350
2	349	347	360	360	358	324	357	359	356	357	360	322
3	358	359	357	350	360	358	354	356	354	360	360	346
4	359	334	358	359	358	357	356	356	359	328	353	347
5	358	351	360	352	357	358	360	358	357	352	325	353
6	351	356	356	339	359	357	359	356	359	276	359	359
7	347	355	356	343	357	337	360	357	353	339	358	346
8	332	321	326	355	345	358	336	359	356	317	357	350
9	360	352	355	343	356	357	359	357	355	359	358	355
10	360	358	360	352	352	355	359	357	356	359	358	356
11	357	358	356	358	354	358	360	359	357	358	356	341
12	349	357	357	357	358	358	359	357	358	357	341	355
13	353	352	359	352	357	356	357	359	357	358	340	356
14	357	348	359	354	337	357	359	355	354	359	360	265
15	329	358	359	355	342	354	360	352	355	360	350	358
16	356	350	356	352	319	357	358	358	358	360	358	343
17	342	359	353	360	354	358	347	358	349	357	360	354
18	359	357	359	317	356	359	358	359	358	357	359	359
19	358	354	354	349	337	347	359	357	358	360	355	339
20	349	356	359	357	246	352	358	353	358	357	332	348
21	359	359	291	320	360	358	359	357	358	359	330	356
22	353	355	345	346	357	359	360	360	357	357	359	359
23	359	357	359	360	355	355	359	360	357	358	359	358
24	358	357	360	353	344	354	356	359	356	359	358	355
25	359	356	359	356	359	353	355	360	356	356	359	359
26	359	351	357	350	355	358	355	360	359	355	357	356
27	360	358	311	358	357	354	355	357	357	360	357	352
28	359	359	346	358	350	352	355	353	358	357	355	345
29	358		352	352	360	354	360	358	359	360	360	358
30	345		358	350	351	356	356	360	359	359	357	360
31	358		360		356		356	358		359		351
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	359.	360.	360.	360.	359.	360.	360.	359.	360.	360.	360.
MEAN:	353.7	350.9	352.1	350.8	349.1	354.3	356.8	357.4	356.7	352.5	353.6	348.7
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	353.1		ANNUAL MAX:	360.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61105) Peak Wind Gust

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL SPOT READING
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7	14	14	21	26	15	16	15	25	13	35	49
2	8	9	14	40	17	31	20	17	25	17	18	7
3	8	7	10	38	41	14	25	22	13	15	13	10
4	9	16	21	20	17	17	34	39	15	28	29	13
5	9	26	14	38	14	16	19	16	21	20	29	13
6	10	29	12	17	35	41	31	15	25	27	17	8
7	10	15	11	31	32	29	26	19	20	8	15	8
8	6	28	21	37	29	27	36	23	13	8	17	10
9	14	10	12	30	21	35	13	25	18	11	14	10
10	15	9	12	19	26	17	15	27	18	18	11	8
11	11	9	13	17	15	30	25	31	20	29	10	7
12	5	8	22	22	19	34	27	23	16	13	35	10
13	6	14	11	35	19	40	27	22	18	12	41	13
14	10	14	18	25	31	28	24	23	16	16	32	7
15	10	10	13	17	22	27	15	29	13	15	19	7
16	9	24	29	34	27	29	16	16	28	16	13	7
17	29	23	17	33	28	19	38	26	22	28	14	7
18	14	14	14	31	19	23	37	32	13	13	27	8
19	29	21	24	37	13	21	24	29	18	12	23	11
20	10	24	25	26	20	19	19	31	13	13	8	8
21	16	15	35	37	25	19	18	26	16	12	10	10
22	26	19	32	28	26	19	16	23	14	14	11	40
23	16	11	15	13	38	26	17	19	16	13	11	8
24	13	24	25	16	24	29	17	18	15	13	10	9
25	10	8	23	36	15	23	22	29	15	19	39	7
26	10	10	16	33	38	32	28	20	18	17	13	9
27	10	14	38	21	35	15	29	15	17	12	9	7
28	7	15	40	22	17	17	28	36	16	10	8	9
29	7		17	37	27	46	18	17	15	11	10	23
30	10		12	18	32	31	17	35	15	12	24	11
31	11		39		14		27	39		11		36
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	29.	29.	40.	40.	41.	46.	38.	39.	28.	29.	41.	49.
MEAN:	11.8	15.7	20.0	27.6	24.6	25.6	23.4	24.4	17.6	15.4	18.8	12.6
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	19.8		ANNUAL MAX:	49.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 10

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL ARITHMETIC STANDARD D
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.0	20.0	18.0	44.0	36.0	29.0	35.0	25.0	20.0	34.0	40.0	18.0
2	20.0	23.0	21.0	29.0	39.0	22.0	32.0	34.0	29.0	33.0	44.0	31.0
3	21.0	34.0	26.0	34.0	31.0	33.0	31.0	31.0	27.0	34.0	42.0	19.0
4	23.0	60.0	27.0	35.0	36.0	35.0	31.0	31.0	32.0	32.0	29.0	28.0
5	37.0	41.0	25.0	41.0	43.0	36.0	30.0	36.0	24.0	28.0	21.0	31.0
6	28.0	22.0	22.0	33.0	27.0	21.0	29.0	33.0	37.0	19.0	26.0	22.0
7	22.0	32.0	18.0	26.0	27.0	17.0	31.0	32.0	33.0	24.0	32.0	27.0
8	24.0	37.0	25.0	20.0	17.0	34.0	35.0	27.0	39.0	32.0	38.0	35.0
9	30.0	29.0	38.0	27.0	28.0	31.0	39.0	23.0	34.0	31.0	36.0	32.0
10	23.0	32.0	23.0	37.0	24.0	43.0	26.0	36.0	27.0	24.0	31.0	26.0
11	21.0	21.0	33.0	38.0	35.0	38.0	35.0	35.0	41.0	41.0	30.0	25.0
12	18.0	25.0	30.0	36.0	41.0	21.0	23.0	32.0	31.0	42.0	29.0	28.0
13	24.0	27.0	31.0	38.0	40.0	33.0	36.0	24.0	33.0	34.0	22.0	19.0
14	32.0	20.0	18.0	35.0	27.0	43.0	31.0	21.0	35.0	33.0	47.0	29.0
15	29.0	22.0	29.0	45.0	39.0	29.0	41.0	39.0	38.0	33.0	30.0	30.0
16	30.0	25.0	25.0	40.0	21.0	30.0	23.0	26.0	30.0	32.0	40.0	32.0
17	33.0	26.0	23.0	25.0	28.0	33.0	27.0	23.0	27.0	35.0	35.0	33.0
18	24.0	18.0	34.0	16.0	33.0	33.0	25.0	33.0	35.0	27.0	25.0	28.0
19	37.0	24.0	22.0	33.0	39.0	31.0	41.0	37.0	38.0	30.0	42.0	30.0
20	15.0	25.0	35.0	35.0	30.0	40.0	30.0	38.0	26.0	38.0	30.0	27.0
21	26.0	21.0	20.0	31.0	31.0	36.0	32.0	30.0	33.0	29.0	31.0	46.0
22	28.0	24.0	27.0	32.0	30.0	47.0	37.0	28.0	33.0	36.0	29.0	34.0
23	46.0	28.0	37.0	35.0	24.0	30.0	34.0	33.0	34.0	36.0	27.0	29.0
24	32.0	36.0	29.0	26.0	34.0	28.0	27.0	26.0	28.0	28.0	28.0	31.0
25	27.0	25.0	41.0	28.0	43.0	28.0	34.0	28.0	32.0	31.0	29.0	27.0
26	19.0	19.0	44.0	35.0	22.0	33.0	31.0	42.0	25.0	22.0	33.0	41.0
27	27.0	19.0	23.0	35.0	32.0	33.0	37.0	38.0	26.0	31.0	32.0	33.0
28	17.0	23.0	25.0	37.0	37.0	32.0	36.0	36.0	28.0	35.0	31.0	25.0
29	17.0		34.0	26.0	42.0	23.0	39.0	37.0	33.0	32.0	27.0	45.0
30	25.0		39.0	38.0	31.0	35.0	26.0	38.0	30.0	35.0	39.0	21.0
31	35.0		35.0		38.0		34.0	30.0		30.0		43.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	46.0	60.0	44.0	45.0	43.0	47.0	41.0	42.0	41.0	42.0	47.0	46.0
MEAN:	26.03	27.07	28.29	33.00	32.42	31.90	32.19	31.68	31.27	31.65	32.50	29.84
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	30.67	ANNUAL MAX:	60.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	0	11	36	66	43	70	76	79	82	76	45	38
2	4	-3	37	70	52	64	84	81	82	72	38	25
3	11	2	37	53	58	62	85	78	78	71	40	27
4	9	10	35	47	57	71	83	77	78	61	52	22
5	15	33	36	65	64	78	76	82	81	54	38	17
6	16	28	37	51	70	78	81	83	68	43	37	17
7	16	29	37	49	75	70	78	83	73	36	37	23
8	17	24	36	44	71	72	72	85	71	44	38	27
9	20	8	38	45	55	65	78	85	75	47	38	30
10	13	13	44	47	49	69	70	85	73	55	40	29
11	6	22	47	52	51	73	75	85	69	61	38	28
12	11	24	46	56	63	73	74	85	71	58	42	29
13	15	31	44	56	67	72	73	86	71	62	49	30
14	18	32	48	51	67	75	77	76	73	67	51	23
15	19	34	50	52	69	79	81	82	66	69	46	23
16	24	38	53	62	61	67	84	82	68	67	38	21
17	44	33	36	65	49	68	84	86	66	59	43	20
18	34	31	44	58	48	72	79	88	69	55	51	18
19	35	35	49	52	49	61	76	82	74	57	36	23
20	22	29	47	49	49	68	81	84	76	61	35	25
21	28	26	49	49	64	73	84	84	71	61	40	25
22	32	28	42	49	61	80	85	83	73	63	38	31
23	24	32	45	43	55	85	87	89	75	61	42	22
24	29	32	45	44	58	84	86	89	77	62	40	21
25	23	29	36	52	60	83	89	84	78	54	46	25
26	25	35	41	44	63	81	74	87	77	39	35	26
27	29	34	45	49	61	80	75	86	77	41	38	29
28	29	35	45	58	58	87	77	83	77	44	39	33
29	30		43	47	59	83	83	82	76	44	44	50
30	31		51	39	53	65	86	80	77	54	44	44
31	29		67		63		80	83		55		37
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	44.	38.	67.	70.	75.	87.	89.	89.	82.	76.	52.	50.
MEAN:	21.2	25.5	43.4	52.1	58.8	73.6	79.8	83.4	74.1	56.5	41.3	27.0
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	53.2	ANNUAL MAX:	89.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-047-7022 POC: 2
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (042) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	2	11	36	64	42	69	75	78	80	74	45	37
2	3	-3	38	69	51	63	82	78	81	70	37	24
3	11	2	37	53	56	61	85	76	76	69	39	26
4	10	10	35	46	56	71	82	75	76	60	50	22
5	15	33	35	63	63	78	74	80	79	53	37	16
6	18	28	37	50	68	77	78	82	65	43	35	16
7	19	29	36	49	73	68	75	82	71	35	36	22
8	17	24	36	43	69	70	70	83	69	43	36	26
9	20	7	37	44	55	63	76	84	73	46	36	30
10	12	13	44	46	48	68	68	83	71	53	39	29
11	6	21	47	51	49	72	73	84	68	60	36	27
12	11	24	45	55	62	72	71	84	69	57	41	28
13	15	31	44	54	65	71	72	84	70	60	47	29
14	21	37	47	49	65	74	76	78	71	65	49	23
15	21	35	49	50	69	78	79	80	64	67	45	22
16	30	38	53	60	60	65	82	80	65	65	37	20
17	45	32	36	62	46	67	82	84	65	56	42	19
18	37	31	42	57	47	72	77	87	68	53	49	17
19	35	35	48	50	48	64	74	79	73	56	36	23
20	22	29	47	47	48	67	79	82	74	60	34	24
21	29	25	48	48	63	71	82	81	69	59	39	24
22	33	28	41	47	60	78	83	81	71	61	37	30
23	23	31	43	42	54	84	85	87	73	60	40	21
24	28	32	44	43	57	83	85	87	75	61	39	20
25	23	31	35	50	59	82	87	82	76	53	44	24
26	25	35	40	42	61	79	73	84	74	39	33	26
27	28	33	44	47	59	78	73	84	75	40	37	28
28	29	34	43	57	57	84	76	81	75	43	38	32
29	30		43	47	57	82	81	81	74	43	43	49
30	31		50	37	51	64	83	78	75	52	42	43
31	28		64		62		77	82		54		37
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	45.	38.	64.	69.	73.	84.	87.	87.	81.	74.	50.	49.
MEAN:	21.8	25.6	42.7	50.7	57.4	72.5	77.9	81.6	72.2	55.2	39.9	26.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		52.1	ANNUAL MAX:		87.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62106) Temperature Difference

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (041) Instrumental Electronic or machine
 PQAO: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Temp Difference, Centigrade
 MIN DETECTABLE: -100

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.0	3.6	2.9	5.4	1.6	5.2	2.0	2.9	3.1	4.4	5.9	2.9
2	5.1	4.8	3.9	5.6	3.3	4.7	.9	2.2	4.4	3.3	4.6	3.4
3	4.9	3.4	2.8	.7	2.1	3.8	1.5	2.5	4.6	3.2	3.7	4.0
4	5.0	2.0	2.5	3.1	2.9	4.5	2.1	1.9	2.7	2.5	4.3	4.3
5	5.0	2.1	3.0	3.3	3.2	6.3	1.8	3.9	2.0	1.5	.6	4.3
6	4.2	2.8	2.0	3.8	2.2	6.3	1.2	2.6	1.7	1.2	.9	4.7
7	4.2	1.3	1.6	4.6	4.1	3.5	1.7	4.9	4.9	1.1	2.4	4.6
8	4.2	1.4	2.8	.7	6.6	3.5	2.1	4.7	4.4	.4	2.8	6.2
9	3.1	4.3	4.1	2.1	.5	1.7	2.4	4.2	3.0	1.6	3.8	6.3
10	6.4	5.0	4.0	1.7	3.1	3.0	1.9	2.9	3.7	2.2	6.6	4.9
11	5.3	5.1	4.9	3.2	1.1	2.5	2.8	3.5	2.0	3.8	5.9	4.4
12	2.9	4.4	3.8	2.7	3.7	4.9	1.7	3.3	2.7	5.4	1.9	4.7
13	4.0	4.8	2.6	2.7	1.9	3.4	1.9	4.5	2.2	3.9	1.2	1.5
14	4.1	4.1	3.2	1.6	1.3	4.7	4.1	2.0	3.9	3.3	3.9	.2
15	3.6	4.8	3.0	3.1	3.3	4.7	5.7	2.7	2.3	2.6	3.8	.0
16	4.8	3.2	4.4	3.5	4.1	2.3	7.8	2.6	3.6	4.0	6.0	-.1
17	3.8	2.7	.9	3.7	1.3	3.1	4.7	2.9	2.4	3.2	5.2	.1
18	5.3	3.1	1.8	1.1	.7	2.3	1.9	3.1	3.1	4.5	6.0	.3
19	5.2	3.4	2.8	3.0	.5	2.5	1.2	3.1	2.4	5.3	1.4	2.6
20	5.7	4.4	2.3	3.0	1.1	2.2	3.0	2.3	2.9	6.0	3.0	5.9
21	4.5	2.8	4.1	1.8	1.4	4.0	2.7	3.1	3.2	3.5	1.4	3.1
22	4.9	4.4	1.6	1.7	2.7	3.0	3.2	2.8	3.1	3.7	4.4	5.5
23	6.0	3.3	1.8	1.6	1.4	2.6	5.4	3.3	3.5	2.9	5.1	5.9
24	4.0	4.1	1.5	1.4	2.4	3.0	3.4	2.5	3.9	4.5	4.8	4.8
25	4.1	1.5	2.6	1.8	2.2	4.0	2.1	2.3	3.1	2.0	3.7	5.1
26	5.9	1.7	1.2	1.4	2.2	4.3	1.2	3.0	3.7	1.5	4.9	5.2
27	3.7	2.5	1.0	2.6	1.6	3.6	1.3	3.4	2.7	3.7	6.5	4.9
28	5.1	2.7	2.0	3.3	1.2	4.5	2.5	1.9	4.5	5.0	5.5	4.6
29	5.3		2.1	.9	1.1	7.3	3.6	2.2	3.9	6.1	5.7	5.4
30	3.2		1.8	2.0	1.2	1.5	3.5	2.9	3.4	4.7	5.7	4.8
31	3.1		3.1		3.5		3.3	4.0		5.5		4.9
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	6.4	5.1	4.9	5.6	6.6	7.3	7.8	4.9	4.9	6.1	6.6	6.3
MEAN:	4.60	3.35	2.65	2.57	2.24	3.76	2.73	3.04	3.23	3.44	4.05	3.85
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		3.29		ANNUAL MAX:		7.8			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62107) Indoor Temperature

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 1.5

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (013) Instrumental Electronic or Machine
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	75	78	77	80	73	74	75	74	75	75	72	73
2	74	78	78	80	75	76	74	74	75	75	73	72
3	74	78	76	77	75	76	74	75	74	75	75	72
4	75	78	76	78	75	76	74	76	76	75	76	72
5	75	79	76	80	74	75	74	75	75	74	73	73
6	75	79	76	80	75	76	74	74	76	72	72	73
7	75	78	75	78	74	75	74	75	76	72	72	73
8	74	78	76	74	75	75	74	75	75	73	73	72
9	75	79	77	74	75	75	76	74	75	75	73	72
10	74	79	81	79	75	75	74	75	75	75	75	72
11	74	79	80	81	75	75	75	75	75	76	72	72
12	74	79	79	76	74	76	74	74	75	75	72	72
13	74	78	80	75	75	75	75	75	75	75	74	72
14	74	78	78	76	75	75	75	74	75	76	75	72
15	74	75	79	75	75	75	75	75	75	76	76	72
16	74	77	78	75	75	75	75	75	75	76	74	72
17	74	75	75	76	74	75	75	74	75	76	76	72
18	75	75	75	76	75	74	74	74	75	75	75	72
19	75	75	75	76	76	75	74	74	76	76	72	72
20	75	75	75	74	75	75	75	75	75	76	72	72
21	75	76	75	74	74	75	74	74	76	75	72	72
22	74	76	75	76	75	75	75	75	76	75	73	72
23	74	76	75	75	74	75	75	74	76	75	74	73
24	74	75	75	74	75	74	74	74	76	75	72	72
25	74	75	75	76	74	74	74	74	76	75	73	72
26	75	77	75	72	75	75	75	74	75	72	73	72
27	75	76	75	76	75	75	75	74	76	75	73	72
28	74	76	76	75	74	74	75	74	75	76	72	72
29	74		75	74	75	74	74	75	75	74	77	74
30	74		79	73	76	75	74	75	76	75	74	76
31	78		81		74		74	75		76		72
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	78.	79.	81.	81.	76.	76.	76.	76.	76.	76.	77.	76.
MEAN:	74.5	77.0	76.7	76.2	74.7	75.0	74.5	74.5	75.3	74.9	73.5	72.4
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	74.9	ANNUAL MAX:	81.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (060) Instrumental Vaisala 435C RH/AT Se
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: .1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	81.0	90.0	74.0	58.0	61.0	52.0	81.0	93.0	56.0	47.0	84.0	84.0
2	85.0	74.0	76.0	51.0	59.0	31.0	56.0	64.0	33.0	59.0	81.0	94.0
3	87.0	75.0	90.0	84.0	72.0	67.0	49.0	83.0	37.0	63.0	74.0	94.0
4	88.0	79.0	90.0	78.0	72.0	35.0	85.0	79.0	35.0	84.0	91.0	92.0
5	87.0	84.0	69.0	65.0	31.0	47.0	82.0	78.0	59.0	93.0	98.0	82.0
6	89.0	66.0	97.0	71.0	35.0	49.0	74.0	38.0	89.0	98.0	80.0	82.0
7	90.0	98.0	98.0	93.0	40.0	60.0	83.0	29.0	92.0	98.0	85.0	80.0
8	91.0	96.0	99.0	95.0	44.0	56.0	90.0	32.0	68.0	99.0	77.0	83.0
9	90.0	81.0	80.0	93.0	96.0	69.0	90.0	31.0	62.0	91.0	77.0	81.0
10	84.0	83.0	80.0	93.0	90.0	40.0	84.0	32.0	65.0	90.0	76.0	82.0
11	83.0	79.0	76.0	67.0	83.0	49.0	89.0	34.0	72.0	92.0	75.0	85.0
12	84.0	82.0	94.0	65.0	88.0	51.0	87.0	33.0	78.0	81.0	83.0	95.0
13	87.0	80.0	94.0	88.0	57.0	61.0	92.0	31.0	62.0	71.0	76.0	96.0
14	92.0	86.0	76.0	89.0	88.0	66.0	88.0	85.0	65.0	69.0	57.0	96.0
15	92.0	80.0	76.0	45.0	90.0	43.0	53.0	86.0	91.0	57.0	55.0	95.0
16	93.0	97.0	78.0	62.0	55.0	76.0	44.0	80.0	86.0	50.0	60.0	93.0
17	96.0	99.0	86.0	68.0	94.0	65.0	87.0	33.0	94.0	77.0	63.0	94.0
18	89.0	89.0	84.0	67.0	96.0	57.0	88.0	45.0	72.0	68.0	69.0	93.0
19	82.0	99.0	78.0	89.0	98.0	95.0	92.0	55.0	55.0	66.0	84.0	94.0
20	78.0	98.0	77.0	96.0	96.0	94.0	79.0	67.0	43.0	69.0	97.0	90.0
21	79.0	73.0	61.0	97.0	86.0	58.0	46.0	58.0	44.0	64.0	98.0	92.0
22	79.0	80.0	72.0	73.0	79.0	50.0	35.0	51.0	47.0	62.0	92.0	93.0
23	78.0	90.0	58.0	84.0	92.0	44.0	33.0	47.0	37.0	57.0	91.0	80.0
24	75.0	88.0	74.0	95.0	94.0	40.0	41.0	37.0	41.0	58.0	90.0	82.0
25	88.0	95.0	98.0	83.0	68.0	47.0	53.0	52.0	37.0	73.0	94.0	82.0
26	92.0	84.0	96.0	84.0	67.0	33.0	92.0	59.0	36.0	98.0	68.0	81.0
27	86.0	91.0	99.0	49.0	61.0	48.0	95.0	53.0	42.0	79.0	71.0	81.0
28	89.0	83.0	93.0	52.0	87.0	43.0	86.0	67.0	44.0	83.0	66.0	74.0
29	92.0		58.0	81.0	91.0	85.0	53.0	83.0	38.0	79.0	68.0	78.0
30	89.0		65.0	94.0	94.0	93.0	52.0	51.0	43.0	73.0	70.0	79.0
31	95.0		74.0		61.0		90.0	60.0		73.0		77.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	96.0	99.0	99.0	97.0	98.0	95.0	95.0	93.0	94.0	99.0	98.0	96.0
MEAN:	86.77	85.68	81.29	76.97	75.00	56.80	72.55	55.68	57.43	74.87	78.33	86.58
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	73.97	ANNUAL MAX:	99.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-047-7022 POC: 2
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAQ: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.21	.94	1.11	1.31	1.34	1.53	1.44	1.22	1.30	1.10	.29	.72
2	.23	.88	1.11	1.31	1.48	1.49	1.56	1.37	1.30	1.00	.89	.36
3	.27	.87	.80	1.04	1.43	1.46	1.45	1.30	1.29	1.09	.87	.23
4	.32	.88	1.12	1.29	1.50	1.47	1.39	1.39	1.29	.66	.86	.42
5	.56	.86	1.02	1.31	1.44	1.49	1.34	1.40	1.24	.37	.56	.71
6	.82	.85	.90	.98	1.22	1.49	1.43	1.40	1.15	.42	.94	.68
7	.71	.97	.78	1.04	1.41	1.50	1.35	1.42	1.19	.42	.77	.68
8	.50	.89	1.14	.74	1.43	1.48	1.27	1.40	1.24	.60	.88	.69
9	.74	.94	1.14	.82	.66	1.50	1.45	1.41	1.25	.63	.80	.67
10	.94	.93	1.15	1.37	1.13	1.48	.95	1.40	1.23	1.05	.84	.67
11	.67	.95	1.16	1.36	1.08	1.39	1.39	1.39	1.10	1.06	.71	.66
12	.69	.97	.77	1.19	1.46	1.46	1.39	1.38	1.22	1.02	.26	.61
13	.74	.96	1.22	1.13	1.44	1.53	1.09	1.39	1.23	1.01	.85	.51
14	.75	.99	.76	1.39	1.36	1.47	1.45	.81	1.24	1.01	.80	.25
15	.66	.88	1.10	1.35	1.45	1.46	1.47	1.31	1.37	.93	.78	.23
16	.71	.98	.79	1.25	.70	1.28	1.44	1.36	1.18	.93	.79	.28
17	.71	1.00	.56	1.33	.89	1.54	1.24	1.36	1.25	1.01	.78	.26
18	.70	.59	1.00	.79	1.03	1.38	1.41	1.38	1.24	.99	.75	.30
19	.91	.30	1.09	1.39	1.18	.88	1.41	1.44	1.19	.98	.62	.61
20	.76	.92	.75	.79	1.00	1.49	1.42	1.32	1.18	.97	.36	.64
21	.80	1.04	.56	.81	1.47	1.46	1.45	1.34	1.17	.95	.40	.66
22	.78	1.17	.87	1.41	1.49	1.47	1.47	1.38	1.18	.94	.70	.56
23	.80	1.09	1.25	.98	.96	1.48	1.44	1.36	1.18	.95	.67	.66
24	.82	1.04	1.08	1.04	1.32	1.44	1.43	1.33	1.17	.91	.48	.58
25	.59	.90	.57	1.13	1.46	1.47	1.43	1.27	1.16	.34	.73	.66
26	.82	1.05	1.24	.87	1.38	1.48	.81	1.31	1.15	.54	.73	.65
27	.84	1.10	1.27	1.45	1.43	1.46	1.43	1.22	1.15	.93	.72	.66
28	.83	1.06	1.35	1.42	.88	1.52	1.40	1.29	1.12	.92	.67	.63
29	.83		1.26	1.27	1.10	.89	1.41	1.34	1.12	.59	.70	.66
30	.85		1.02	1.13	1.41	1.21	1.35	1.26	1.11	.89	.68	.64
31	.82		1.28		1.47		1.25	1.28		.87		.69
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	.94	1.17	1.35	1.45	1.50	1.54	1.56	1.44	1.37	1.10	.94	.72
MEAN:	.690	.929	1.007	1.156	1.258	1.422	1.362	1.330	1.206	.841	.696	.556
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	1.038	ANNUAL MAX:	1.56						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63305) Net radiation

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 2

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (011) Instrumental Net radiometer
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: -99

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1		.0	.1	.7	.8	.9	1.0	.8	.8	.6	.1	.4
2		.0	.2	.7	.8	.9	1.0	.9	.8	.6	.5	.2
3		.1	.1	.6	.8	.9	.9	.8	.7	.6	.5	.1
4		.1	.2	.7	.8	.9	.9	.9	.7	.4	.4	.0
5		.1	.2	.7	.8	.9	.9	.9	.7	.2	.3	.1
6	.0	.1	.1	.5	.7	.9	.9	.9	.7	.2	.5	.1
7	.0	.1	.1	.6	.8	.9	.9	.9	.8	.2	.4	.1
8	.0	.0	.2	.4	.8	.9	.9	.8	.8	.3	.5	.1
9	.0	.1	.2	.4	.3	.9	1.0	.8	.8	.4	.4	.1
10	.1	.1	.3	.8	.7	.9	.6	.8	.7	.6	.4	.2
11	.0	.1	.3	.7	.6	.8	.9	.8	.7	.7	.3	.2
12	.0	.1	.2	.6	.9	.9	.9	.8	.7	.6	.1	.2
13	.0	.1	.5	.6	.8	.9	.7	.8	.7	.6	.5	.0
14	.0	.1	.3	.7	.8	.9	.9	.5	.7	.6	.4	.0
15	.0	.1	.6	.7	.8	.9	.9	.8	.8	.5	.4	.0
16	.1	.1	.4	.7	.4	.8	.9	.9	.7	.5	.4	.1
17	.1	.1	.3	.8	.5	.9	.8	.8	.8	.6	.4	.1
18	.1	.1	.6	.5	.6	.8	.9	.8	.8	.6	.4	.0
19	.1	.0	.6	.8	.6	.5	1.0	.9	.7	.5	.3	.0
20	.1	.0	.4	.4	.5	1.0	.9	.8	.7	.5	.2	.1
21	.1	.0	.3	.5	1.0	.9	.9	.8	.7	.5	.2	.1
22	.1	.1	.5	.8	1.0	.9	.9	.8	.7	.5	.3	.1
23	.1	.1	.7	.5	.6	.9	.9	.8	.7	.5	.3	.1
24	.1	.1	.6	.6	.8	.9	.9	.8	.7	.5	.2	.1
25	.1	.0	.3	.7	.9	.9	.9	.8	.7	.2	.3	.1
26	.1	.1	.7	.5	.9	.9	.5	.8	.6	.3	.3	.1
27	.1	.1	.8	.8	.9	.9	1.0	.7	.6	.5	.3	.2
28	.1	.1	.9	.8	.5	.9	.9	.8	.6	.5	.3	.2
29	.1		.7	.7	.7	.5	.9	.8	.6	.3	.3	.2
30	.1		.6	.6	.9	.8	.9	.8	.6	.5	.3	.3
31	.1		.7		.9		.8	.8		.5		.3
NO.:	26	28	31	30	31	30	31	31	30	31	30	31
MAX:	.1	.1	.9	.8	1.0	1.0	1.0	.9	.8	.7	.5	.4
MEAN:	.07	.08	.41	.64	.74	.86	.88	.81	.71	.47	.34	.13
ANNUAL OBSERVATIONS:	360		ANNUAL MEAN:		.52	ANNUAL MAX:		1.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(64101) Barometric pressure

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 1.5

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (015) INSTRUMENTAL BAROMETRIC PRESSURE T
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Millibars
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	814	813	815	811	816	812	814	816	811	816	812	814
2	814	819	812	807	818	808	815	817	812	816	820	813
3	811	819	810	812	816	812	814	814	815	815	819	809
4	813	817	818	815	818	815	817	815	816	811	807	811
5	818	809	817	811	818	815	816	814	814	806	803	814
6	819	815	809	807	809	809	816	813	818	804	807	817
7	814	813	801	802	806	808	815	813	820	810	810	817
8	806	813	812	800	801	808	811	813	820	816	818	813
9	805	816	819	801	800	812	812	810	816	815	823	818
10	815	813	819	815	804	813	814	811	816	811	821	818
11	819	819	811	817	811	807	814	811	818	811	814	812
12	820	821	810	810	815	808	813	813	819	816	804	808
13	820	817	816	808	816	812	813	815	817	815	803	807
14	820	814	816	814	811	814	811	816	813	813	804	813
15	819	813	814	816	808	812	810	813	812	814	809	816
16	814	806	809	810	804	806	811	815	811	812	816	822
17	809	808	814	806	801	809	817	816	814	817	814	823
18	811	810	815	801	800	809	817	815	818	820	803	818
19	812	808	806	808	804	805	816	812	817	816	805	811
20	816	803	808	810	807	810	814	815	814	814	809	811
21	814	806	803	806	807	813	811	816	815	816	814	808
22	812	806	807	807	807	814	809	816	818	817	818	818
23	813	806	810	807	806	811	814	815	820	817	817	821
24	814	803	803	805	810	807	817	816	816	813	811	824
25	815	802	804	805	813	808	815	816	812	809	816	823
26	818	798	806	807	807	811	813	818	814	813	825	816
27	818	808	802	813	807	813	815	817	817	815	825	816
28	816	813	810	814	804	811	816	816	817	819	820	817
29	810		814	807	798	810	816	813	818	815	819	813
30	808		811	812	812	813	817	812	817	818	813	811
31	807		811		816		816	810		815		820
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	820.	821.	819.	817.	818.	815.	817.	818.	820.	820.	825.	824.
MEAN:	814.0	811.0	810.7	808.8	808.7	810.5	814.2	814.3	815.8	814.0	813.3	815.2
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	812.6	ANNUAL MAX:	825.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(65102) Rain/melt precipitation

SITE ID: 49-047-7022 POC: 1
 COUNTY: (047) Uintah
 CITY: (00000) Not in a city
 SITE ADDRESS: WHITEROCKS & COUNTY ROAD
 SITE COMMENTS: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (219) UTAH
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.483333
 LONGITUDE: -109.916667
 UTM ZONE: 12
 UTM NORTHING: 4481757
 UTM EASTING: 591821
 ELEVATION-MSL: 1890
 PROBE HEIGHT: 1

SUPPORT AGENCY: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT
 MONITOR TYPE: Multiple Monitor Types
 COLLECTION AND ANALYSIS METHOD: (014) Heated Tipping Bucket Instrument
 PQA0: (687) Ute Indian Tribe of Uintah & Ouray Reservation, UT

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.00	.02	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
3	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.00	.04
4	.00	.00	.00	.00	.00	.00	.05	.05	.00	.06	.07	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.01	.10	.07	.00
6	.00	.00	.01	.00	.00	.00	.00	.00	.11	.39	.00	.00
7	.00	.02	.03	.02	.00	.00	.09	.00	.00	.05	.00	.00
8	.00	.00	.00	.01	.00	.00	.24	.00	.00	.03	.00	.00
9	.00	.00	.00	.01	.24	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.03	.00	.01	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.08	.00	.00	.00	.05	.00	.00	.00	.00	.01
13	.00	.00	.00	.01	.00	.00	.12	.00	.00	.00	.00	.03
14	.00	.00	.00	.00	.03	.00	.00	.03	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00
16	.00	.03	.00	.00	.00	.04	.00	.00	.01	.00	.00	.00
17	.00	.02	.00	.00	.04	.00	.02	.00	.03	.00	.00	.00
18	.00	.00	.00	.01	.14	.00	.03	.00	.00	.00	.00	.00
19	.00	.13	.00	.03	.11	.14	.15	.01	.00	.00	.00	.00
20	.00	.04	.00	.14	.03	.00	.00	.07	.00	.00	.00	.00
21	.00	.00	.00	.13	.00	.00	.00	.00	.00	.00	.07	.00
22	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.01
23	.00	.00	.00	.00	.24	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.12	.02	.00	.00	.00	.00	.00	.00	.00
25	.00	.02	.03	.00	.00	.00	.02	.00	.00	.00	.00	.00
26	.00	.00	.03	.01	.00	.00	.10	.00	.00	.07	.00	.00
27	.00	.00	.03	.00	.00	.00	.16	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.03	.00	.00	.02	.00	.00	.00	.00
29	.00	.00	.00	.00	.11	.09	.00	.02	.00	.00	.00	.00
30	.00	.00	.00	.02	.15	.23	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	0.00	.13	.08	.14	.24	.23	.24	.07	.11	.39	.07	.04
MEAN:	0.000	.010	.007	.017	.039	.017	.036	.008	.006	.023	.007	.004
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		.014	ANNUAL MAX:		.39				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-049-0002 POC: 1
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: 14

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-43-9
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 1402
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	30.0	10.0	30.0	40.0	10.0	50.0	10.0	10.0	20.0	23.0	24.0	71.0
2	50.0	20.0	40.0	40.0	40.0	.0	30.0	20.0	50.0	5.0	69.0	183.0
3	70.0	50.0	20.0	.0	40.0	10.0	10.0	10.0	10.0	48.0	136.0	15.0
4	70.0	60.0	40.0	20.0	30.0	10.0	10.0	20.0	10.0	59.0	591.0	28.0
5	80.0	110.0	20.0	50.0	30.0	20.0	10.0	10.0	10.0	6.0	5.0	21.0
6	110.0	60.0	10.0	.0	20.0	20.0	20.0	10.0	40.0	22.0	19.0	111.0
7	140.0	120.0	20.0	.0	20.0	20.0	10.0	10.0	50.0	75.0	48.0	146.0
8	120.0	100.0	10.0	.0	.0	30.0	10.0	30.0	31.0	65.0	174.0	150.0
9	30.0	20.0		10.0	.0	10.0	10.0	20.0		36.0	132.0	150.0
10	70.0	20.0		.0	10.0	30.0	.0	30.0		72.0	137.0	136.0
11	50.0	90.0		50.0	10.0	.0	10.0	10.0		60.0	167.0	94.0
12	50.0	60.0		10.0	20.0	.0	10.0	30.0	10.0	63.0	16.0	220.0
13	140.0	30.0		50.0	30.0	10.0	20.0	10.0	70.0	109.0	40.0	120.0
14	160.0	60.0		.0	10.0	20.0	30.0	.0	30.0	111.0	201.0	118.0
15	150.0	90.0		50.0	.0	10.0	40.0	10.0	60.0	56.0	114.0	125.0
16	110.0	100.0		20.0	.0	10.0	10.0	20.0	70.0	14.0	218.0	94.0
17	100.0	50.0		10.0	.0	10.0	10.0	30.0	10.0	62.0	245.0	89.0
18	100.0	50.0		30.0	.0	10.0	10.0	40.0	10.0	104.0	83.0	81.0
19	70.0	10.0		10.0	.0	.0	10.0	10.0	40.0	178.0	47.0	15.0
20	40.0	10.0		10.0	10.0	30.0	20.0	10.0	80.0	84.0	75.0	56.0
21	70.0	30.0		30.0	10.0	20.0	10.0	10.0	80.0	84.0	83.0	48.0
22	80.0	40.0		10.0	.0	10.0	20.0	20.0	60.0	57.0	139.0	39.0
23	30.0	40.0	10.0	10.0	10.0	20.0	20.0	30.0	60.0	27.0	140.0	87.0
24	100.0	10.0	.0	10.0	.0	20.0	.0	30.0	40.0	128.0	49.0	85.0
25	70.0	10.0	10.0	10.0	30.0	.0	20.0	20.0	10.0	11.0	28.0	81.0
26	60.0	20.0	40.0	.0	.0	10.0	20.0	30.0	30.0	46.0	49.0	91.0
27	100.0	20.0	.0	20.0	.0	10.0	10.0	10.0	220.0	65.0	76.0	114.0
28	130.0	50.0	30.0	50.0	.0	20.0	20.0	.0	70.0	136.0	120.0	157.0
29	130.0		70.0	.0	.0		10.0	20.0	120.0	88.0	163.0	84.0
30	40.0		20.0	10.0	10.0	.0	10.0	40.0	107.0	50.0	79.0	137.0
31	10.0		90.0		50.0		3.0	22.0		155.0		65.0
NO.:	31	28	17	30	31	29	31	31	26	31	30	31
MAX:	160.0	120.0	90.0	50.0	50.0	50.0	40.0	40.0	220.0	178.0	591.0	220.0
MEAN:	82.58	47.86	27.06	18.33	12.58	14.14	13.97	18.45	52.58	66.61	111.93	97.90
ANNUAL OBSERVATIONS:	346		ANNUAL MEAN:	47.80	ANNUAL MAX:	591.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-049-0002 POC: 1
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: 14

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 11104-93-1
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 1402
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	66.0	16.0	57.0	76.0	46.0	91.0	30.0	26.0	53.0	46.0	51.0	102.0
2	91.0	54.0	74.0	68.0	76.0	24.0	64.0	47.0	91.0	27.0	106.0	233.0
3	104.0	85.0	46.0	16.0	82.0	41.0	44.0	26.0	46.0	75.0	178.0	47.0
4	122.0	97.0	60.0	48.0	62.0	37.0	39.0	48.0	36.0	88.0	592.0	63.0
5	123.0	136.0	61.0	89.0	54.0	38.0	23.0	33.0	22.0	25.0	32.0	56.0
6	153.0	88.0	48.0	32.0	48.0	33.0	39.0	34.0	72.0	40.0	39.0	133.0
7	193.0	148.0	39.0	22.0	54.0	43.0	25.0	28.0	74.0	109.0	81.0	188.0
8	162.0	122.0	23.0	22.0	15.0	51.0	19.0	57.0	50.0	50.0	103.0	225.0
9	57.0	49.0		22.0	15.0	24.0	20.0	41.0		51.0	188.0	190.0
10	112.0	56.0		22.0	24.0	49.0	9.0	59.0		96.0	182.0	177.0
11	86.0	127.0		90.0	30.0	26.0	17.0	35.0		88.0	213.0	132.0
12	82.0	92.0		32.0	50.0	24.0	28.0	61.0	30.0	93.0	45.0	286.0
13	185.0	60.0		82.0	53.0	34.0	41.0	36.0	96.0	136.0	72.0	164.0
14	200.0	109.0		27.0	22.0	39.0	55.0	11.0	62.0	136.0	259.0	156.0
15	181.0	134.0		88.0	24.0	34.0	59.0	32.0	94.0	84.0	150.0	174.0
16	140.0	141.0		51.0	18.0	17.0	33.0	38.0	100.0	48.0	279.0	133.0
17	131.0	95.0		37.0	20.0	33.0	18.0	50.0	29.0	92.0	291.0	125.0
18	135.0	83.0		50.0	22.0	31.0	33.0	62.0	23.0	131.0	114.0	120.0
19	109.0	32.0		42.0	20.0	13.0	40.0	36.0	71.0	221.0	82.0	50.0
20	78.0	39.0		42.0	25.0	40.0	35.0	44.0	114.0	108.0	104.0	93.0
21	107.0	49.0		57.0	26.0	35.0	38.0	19.0	109.0	113.0	106.0	90.0
22	116.0	79.0		43.0	19.0	33.0	57.0	50.0	101.0	86.0	172.0	72.0
23	63.0	76.0	16.0	51.0	27.0	40.0	42.0	60.0	97.0	47.0	176.0	120.0
24	135.0	32.0	29.0	34.0	34.0	41.0	19.0	65.0	63.0	169.0	80.0	118.0
25	107.0	33.0	52.0	19.0	49.0	21.0	49.0	56.0	40.0	31.0	59.0	116.0
26	93.0	44.0	72.0	15.0	16.0	20.0	39.0	60.0	53.0	75.0	84.0	124.0
27	134.0	51.0	19.0	48.0	21.0	31.0	28.0	34.0	278.0	99.0	108.0	154.0
28	159.0	95.0	73.0	81.0	11.0	43.0	34.0	16.0	103.0	184.0	160.0	195.0
29	165.0		111.0	16.0	14.0		36.0	44.0	158.0	690.0	209.0	117.0
30	66.0		46.0	25.0	39.0	21.0	30.0	75.0	143.0	80.0	115.0	171.0
31	36.0		115.0		72.0		14.0	51.0		189.0		102.0
NO.:	31	28	17	30	31	29	31	31	26	31	30	31
MAX:	200.0	148.0	115.0	90.0	82.0	91.0	64.0	75.0	278.0	690.0	592.0	286.0
MEAN:	119.06	79.36	55.35	44.90	35.10	34.72	34.10	43.03	83.00	113.13	147.67	136.32
ANNUAL OBSERVATIONS:	346		ANNUAL MEAN:	78.06	ANNUAL MAX:	690.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-049-0002 POC: 1
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: 2 STORY BLDG. BUILT EAST OF SITE IN 1989 AFFECTS WIND DATA

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 1402
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.4	10.4	4.5	3.8	10.6	6.4	4.9	4.9	8.7	5.5	7.5	11.7
2	3.7	5.3	6.4	9.7	4.6	8.8	4.9	6.3	4.5	5.4	4.7	6.5
3	4.1	4.5	6.9	8.1	10.9	5.6	6.6	11.2	4.3	8.2	3.4	4.8
4	3.5	4.5	6.3	4.6	6.6	4.1	8.2	7.0	4.0	7.0	10.2	5.1
5	3.9	8.3	4.6	10.8	5.0	5.1	9.2	5.8	6.0	9.3	7.3	6.4
6	3.5	7.5	6.1	6.9	4.9	16.9	5.6	6.2	10.6	6.9	5.8	3.6
7	3.4	14.7	6.9	10.8	6.7	6.2	8.5	6.2	4.3	4.9	6.3	3.6
8	3.5	5.4	7.4	6.6	7.9	11.5	6.1	4.3	4.9	4.8	4.7	3.5
9	5.2	4.9	4.3	4.8	6.6	8.1	7.7	5.6	6.0	3.9	3.6	3.3
10	4.5	4.8	8.0	6.9	6.4	7.0	10.2	6.0	9.7	4.8	3.6	3.5
11	3.6	4.3	7.3	4.9	7.4	6.1	6.3	5.9	12.1	4.3	4.4	3.2
12	4.0	4.0	6.7	7.6	6.2	4.4	8.0	5.0	4.8	3.9	9.3	3.9
13	4.4	4.6	4.6	14.4	8.2	8.4	8.4	8.3	4.8	4.1	5.5	4.3
14	3.2	7.8	7.5	11.7	9.6	4.9	6.5	12.4	6.0	3.9	5.6	3.1
15	3.6	5.1	4.4	4.7	16.9	6.6	5.4	7.3	4.8	3.5	7.3	4.3
16	2.8	13.4	10.3	5.1	6.8	17.1	4.9	4.3	8.2	9.0	3.9	4.3
17	7.6	6.0	4.9	6.1	9.0	4.7	13.9	5.6	5.9	7.8	5.9	3.8
18	3.6	8.8	8.7	5.2	5.6	5.5	6.9	8.1	3.9	4.1	7.8	3.6
19	10.7	10.4	11.6	6.9	6.9	7.0	9.0	4.7	4.0	3.0	3.9	3.7
20	4.1	7.5	13.6	7.8	9.3	6.1	4.6	7.0	5.4	4.3	3.1	3.7
21	4.0	5.0	14.7	10.6	4.6	5.2	5.6	8.8	5.1	4.4	4.2	8.9
22	11.1	8.8	7.6	5.9	10.0	4.3	7.4	4.3	4.1	4.6	4.2	7.6
23	4.4	4.1	12.2	4.7	9.9	6.7	4.9	4.1	4.6	3.9	3.8	3.7
24	4.2	9.3	10.2	8.7	7.5	6.2	4.3	6.1	3.8	4.9	3.6	3.6
25	3.9	9.6	6.2	7.4	6.9	6.1	7.7	14.2	4.6	6.4	14.1	4.3
26	3.7	6.6	7.6	11.5	8.1	7.1	11.0	6.9	4.9	9.6	4.0	3.5
27	3.6	6.3	8.6	4.5	8.2	3.9	10.9	5.3	4.6	3.8	3.5	4.6
28	3.8	4.0	13.6	9.2	8.9	10.7	4.4	6.7	3.4	4.1	3.0	3.0
29	4.5		5.7	10.8	6.0	12.2	4.8	7.1	4.4	3.6	3.2	6.9
30	5.4		5.8	7.9	8.2	8.6	7.0	10.9	4.9	4.3	9.1	7.0
31	11.8		5.8		11.2		7.1	9.0		3.1		15.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	11.8	14.7	14.7	14.4	16.9	17.1	13.9	14.2	12.1	9.6	14.1	15.0
MEAN:	4.73	7.00	7.71	7.62	7.92	7.38	7.13	7.05	5.58	5.20	5.55	5.10
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	6.49	ANNUAL MAX:	17.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-049-0002 POC: 1
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: 2 STORY BLDG. BUILT EAST OF SITE IN 1989 AFFECTS WIND DATA

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 1402
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	356	358	359	354	356	353	358	324	360	358	339	273
2	358	359	359	359	358	335	360	360	359	360	356	359
3	337	355	343	357	351	359	350	351	358	360	352	327
4	341	347	338	359	360	357	355	358	352	349	347	342
5	355	348	349	355	359	360	359	359	358	344	350	345
6	352	357	357	360	356	356	356	358	352	337	308	358
7	356	357	352	360	353	360	355	358	359	344	315	339
8	357	349	356	285	343	348	359	354	359	353	357	360
9	339	358	359	316	321	343	356	355	360	354	359	358
10	358	353	357	339	302	356	353	341	359	359	357	359
11	357	357	350	353	356	360	358	360	357	359	352	360
12	343	360	353	355	357	353	360	359	360	360	359	351
13	353	354	359	338	359	350	358	352	357	360	357	354
14	352	350	359	359	356	352	359	354	353	356	356	351
15	346	359	360	359	328	355	358	353	357	358	354	357
16	354	357	359	355	318	350	359	357	357	359	354	356
17	359	349	359	358	346	356	353	359	360	350	359	359
18	357	360	352	354	355	359	358	349	359	349	359	353
19	355	348	359	358	314	346	356	358	355	356	350	334
20	345	358	356	356	359	359	360	359	360	358	354	351
21	357	355	306	355	355	360	360	358	359	360	357	354
22	348	354	357	356	359	356	359	358	360	360	359	317
23	359	351	358	347	360	355	358	358	357	360	360	360
24	359	338	227	360	357	359	354	360	354	360	357	358
25	353	295	356	357	336	358	356	360	359	339	358	360
26	351	333	360	358	359	359	360	347	359	348	359	360
27	352	353	312	357	360	352	360	351	360	360	355	359
28	334	360	357	359	359	357	359	353	360	359	357	359
29	352		356	353	357	359	358	353	359	356	359	357
30	360		354	354	359	356	359	356	347	359	359	357
31	355		358		356		355	353		359		359
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.
MEAN:	351.9	351.1	348.3	351.5	349.2	354.6	357.4	354.4	357.5	354.9	352.5	349.9
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	352.8		ANNUAL MAX:	360.					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-049-0002 POC: 3
 COUNTY: (049) Utah
 CITY: (62470) Provo
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT
 SITE COMMENTS:
 MONITOR COMMENTS: PARTISOL WITH CYCLONE IMPACTOR

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: COMMERCIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 1402
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	168.7	4.2	5.8	11.1	6.6	9.5	13.6	6.3	9.2	6.6	9.0	11.1
2	261.3	9.4	7.8	8.5	6.5	7.6	142.5	7.9	10.6	5.6	11.2	14.1
3	98.7	19.9	8.3	4.4	5.7	6.5	32.5	5.6	8.1	6.3	9.5	12.1
4		22.5	10.7	7.5	7.5	12.0	54.6	5.6	5.5	3.2	8.5	9.5
5		26.8	8.0	6.4	8.8	7.2	7.4	5.1	6.1	1.9	5.2	8.7
6		6.2	7.7	6.4	19.4	69.8	7.0	5.2	6.6	3.3	7.4	13.3
7		10.8	12.2	9.7	8.7	7.6	6.7	4.9	10.0	4.5	10.7	15.7
8		6.4	44.7	3.5	8.1	9.9	5.3	6.0	9.1	10.1	18.9	24.6
9		7.6	6.4	4.6	4.3	4.8	6.4	8.2	8.2	9.2	19.0	27.4
10	18.8	15.4	6.9	5.4	4.3	7.7	4.1	8.8	4.7	5.7	17.5	30.8
11	17.7	14.2	13.5	9.2	6.5	9.3	4.4	6.6	6.1	6.8	12.7	22.1
12	26.5	14.0	11.4	9.3	5.0	10.5	5.6	10.3	4.6	8.2	6.8	21.8
13	33.3	9.5	9.2	9.6	10.5	7.5	4.1	7.7	6.1	9.2	9.2	28.7
14	61.8	16.2	11.2	13.3	6.4	9.5	6.6	4.1	7.9	8.5	15.2	29.0
15	54.3	10.0	11.9	20.7	38.3	6.7	6.4	4.2	6.2	9.4	11.6	37.8
16	43.1	9.0	8.0	19.4	7.6	8.0	6.7	12.9	5.9	4.3	9.9	30.3
17	21.9	7.7	8.9	10.9	3.7		4.8	12.2	5.9	6.7	14.1	39.1
18	15.6	10.5	16.7	5.8	4.5		5.7	6.6	8.5	5.3	10.3	40.2
19	15.4	9.4	15.3	8.0	5.1		9.2	7.0	7.4	11.7	14.3	36.5
20	10.7	6.3	10.9	9.8	5.1		7.4	19.4	6.1	9.4	20.7	22.2
21	17.4	11.9	13.5	6.7	8.9		6.7	8.3	9.3	11.6	13.9	23.8
22	19.2	7.4	3.7	11.7	7.8		7.6	7.1	7.2	11.0	9.1	9.2
23	9.7	10.4	7.0	13.7	5.5		23.0	9.2	10.8	5.4	12.1	16.3
24	10.6	8.8	7.9	14.3	5.8	.1	19.5	7.2	7.0	9.8	7.5	21.1
25	16.7	9.3	8.7	7.6	11.3		14.2	7.3	5.8	10.5	7.9	19.1
26	28.8	15.5	4.6	3.0	10.5		7.1	7.2	6.2	7.7	9.3	17.9
27	27.0	15.2	6.4	5.5	5.0	7.0	6.3	6.6	10.1	11.2	14.5	20.5
28	34.7	9.4	5.4	8.9	5.6	6.1	6.0	3.8	9.1	16.8	32.6	22.6
29	46.8		8.2	9.2	7.2		7.3	8.2	7.5	20.4	25.3	12.2
30	41.5		6.2	6.4	6.1	9.9	6.5	6.4	6.3	15.6	13.4	14.2
31	31.3		9.4		5.7		4.9	8.8		18.0		13.8
NO.:	25	28	31	30	31	20	31	31	30	31	30	31
MAX:	261.3	26.8	44.7	20.7	38.3	69.8	142.5	19.4	10.8	20.4	32.6	40.2
MEAN:	45.26	11.57	10.21	9.02	8.13	10.86	14.52	7.57	7.40	8.84	12.91	21.47
ANNUAL OBSERVATIONS:	349		ANNUAL MEAN:	13.60	ANNUAL MAX:	261.3						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-049-4001 POC: 1
 COUNTY: (049) Utah
 CITY: (45090) Lindon
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.341389
 LONGITUDE: -111.713611
 UTM ZONE: 12
 UTM NORTHING: 4465688
 UTM EASTING: 439398
 ELEVATION-MSL: 1442
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.9	12.5	5.2	4.3	12.2	5.5	4.9	5.2	8.9	8.4	10.2	6.3
2	3.6	4.9	6.2	15.1	4.9	9.6	4.9	4.7	5.0	4.7	4.8	6.9
3	3.7	5.4	10.8	10.3	14.4	4.8	9.2	8.9	3.6	6.7	4.9	4.4
4	3.6	4.9	7.4	5.0	7.9	4.3	9.3	7.8	3.3	6.9	9.5	3.0
5	3.3	16.6	4.9	14.8	4.5	5.7	6.7	5.9	8.1	7.6	10.5	6.8
6	3.6	9.1	6.6	5.7	5.9	12.9	4.7	5.5	7.6	7.6	5.0	3.6
7	3.5	15.5	9.4	10.7	7.9	5.6	7.9	5.0	4.4	5.2	7.2	3.8
8	3.4	7.1	9.2	7.0	8.6	15.8	5.6	4.2	4.6	3.6	4.9	3.6
9	6.8	4.9	4.6	6.5	7.6	10.8	9.1	6.1	6.6	4.1	3.6	3.7
10	4.1	5.2	7.1	8.1	7.5	8.7	10.7	6.9	8.1	5.6	3.2	3.3
11	3.0	4.2	7.0	5.6	8.5	6.9	6.6	6.7	9.2	4.3	4.9	5.1
12	4.6	4.0	6.4	7.6	6.0	4.5	7.3	4.6	4.8	4.1	8.7	3.6
13	4.9	4.5	6.6	21.1	8.2	10.7	10.8	7.5	6.5	3.0	6.1	4.9
14	3.0	5.3	7.8	13.9	10.2	5.0	6.5	14.7	7.3	3.5	3.8	3.5
15	3.0	6.4	6.1	5.1	14.5	6.4	4.9	8.3	4.3	3.3	8.9	4.4
16	2.9	17.2	13.8	6.0	8.2	19.2	5.3	4.9	8.2	13.4	4.5	3.9
17	9.6	5.5	4.9	6.4	6.9	4.8	9.9	5.6	5.3	8.9	5.6	3.6
18	4.9	6.6	7.3	7.0	5.3	9.5	8.7	5.0	3.8	4.1	6.6	3.8
19	12.5	8.3	13.1	7.9	5.6	9.1	9.6	4.4	2.9	3.8	3.6	3.7
20	5.2	5.8	10.5	6.3	10.7	7.0	4.9	7.3	6.2	3.6	4.3	2.4
21	4.8	4.8	14.2	15.2	5.7	5.2	6.3	6.3	5.6	4.8	3.9	10.5
22	15.1	8.1	8.1	7.8	8.2	3.8	6.8	5.8	4.2	4.9	4.9	9.6
23	4.5	5.1	9.3	6.2	9.2	6.1	4.3	3.6	3.6	3.1	3.0	4.3
24	4.3	11.5	9.2	7.6	10.3	5.6	4.1	6.3	4.6	6.4	5.0	3.6
25	3.7	7.5	6.3	9.2	6.1	7.1	10.2	8.4	3.6	6.4	15.4	4.4
26	4.2	8.3	8.5	14.6	15.8	8.3	7.5	6.7	5.0	10.4	4.1	3.9
27	3.9	8.3	6.8	5.5	9.6	3.6	9.6	5.6	3.5	3.7	3.5	4.9
28	4.6	5.3	15.8	10.0	10.7	10.7	5.3	6.3	4.9	4.1	3.3	4.0
29	3.6		6.4	14.2	6.4	10.2	6.2	6.9	3.8	3.7	3.6	8.6
30	5.9		4.9	9.7	7.7	10.9	6.5	7.3	6.5	3.4	12.4	5.3
31	13.5		8.5		9.6		5.6	12.6		3.9		21.4
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	15.1	17.2	15.8	21.1	15.8	19.2	10.8	14.7	9.2	13.4	15.4	21.4
MEAN:	5.20	7.60	8.16	9.15	8.54	7.94	7.09	6.61	5.47	5.39	6.00	5.32
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	6.86	ANNUAL MAX:	21.4						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-049-4001 POC: 1
 COUNTY: (049) Utah
 CITY: (45090) Lindon
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.341389
 LONGITUDE: -111.713611
 UTM ZONE: 12
 UTM NORTHING: 4465688
 UTM EASTING: 439398
 ELEVATION-MSL: 1442
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	237	333	331	347	330	202	332	287	349	328	351	342
2	263	251	254	335	304	326	351	348	332	282	342	330
3	269	253	357	352	352	335	303	335	335	316	306	354
4	288	343	337	319	334	327	354	333	346	343	333	355
5	264	352	328	339	330	332	353	344	341	187	332	355
6	341	346	346	210	359	324	341	329	341	351	334	311
7	303	337	358	344	360	352	350	313	352	195	356	352
8	285	341	332	187	333	350	323	353	345	286	360	321
9	344	318	346	353	343	352	355	334	302	285	269	358
10	344	331	293	330	333	328	312	338	336	337	288	294
11	260	339	341	260	337	330	348	326	330	341	337	353
12	306	318	313	322	297	358	349	336	335	320	327	355
13	340	308	329	354	346	344	349	346	356	295	355	321
14	359	349	345	338	353	333	187	341	356	352	308	354
15	330	338	314	318	327	356	324	346	349	310	337	315
16	353	336	335	339	352	349	347	353	353	347	343	355
17	320	325	354	333	344	325	359	333	352	336	353	355
18	350	332	298	337	334	355	321	341	343	302	358	349
19	358	342	295	339	302	337	355	357	347	328	340	347
20	353	353	214	359	353	345	355	322	313	333	354	342
21	342	333	209	344	324	356	324	305	309	351	356	332
22	352	293	335	334	353	355	215	329	298	321	320	346
23	352	342	280	356	352	342	350	357	329	317	336	318
24	353	343	280	306	354	348	358	324	334	275	240	341
25	344	224	342	335	349	336	352	305	305	336	355	276
26	341	355	326	338	331	333	301	349	327	326	299	310
27	320	323	331	342	355	347	334	359	311	297	291	345
28	344	286	342	327	352	352	328	341	318	290	339	346
29	342		343	338	322	184	321	353	304	287	290	353
30	337		344	341	348	360	334	352	337	352	339	220
31	330		357		335		345	214		358		342
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	359.	355.	358.	359.	360.	360.	359.	359.	356.	358.	360.	358.
MEAN:	323.4	323.0	319.6	325.9	338.6	332.4	330.0	332.4	332.8	312.4	328.3	333.8
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	327.7	ANNUAL MAX:	360.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-049-4001 POC: 3
 COUNTY: (049) Utah
 CITY: (45090) Linton
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.341389
 LONGITUDE: -111.713611
 UTM ZONE: 12
 UTM NORTHING: 4465688
 UTM EASTING: 439398
 ELEVATION-MSL: 1442
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	9.2	8.5	12.0	22.7	12.1	14.8	18.5	12.0	13.3	14.0	11.4	
2	10.0	9.4	11.4	16.2	17.0	8.9	100.6	14.9	11.8	6.9	16.8	
3	24.4	18.0	12.2	12.4	13.1	13.3	44.1	15.3	14.7	9.9	12.7	
4	23.8	16.6	16.5	11.5	9.4	16.7	39.5	14.2	9.0	6.9	9.5	
5	18.2	20.5	15.1	14.9	11.7	13.1	14.5	13.9	8.3	4.9	6.7	
6	18.1	18.0	10.1	10.1	17.1	56.8	20.2	13.6	9.1	7.9	8.8	
7	26.7	12.8	16.4	13.4	15.3	11.9	20.3	11.8	14.0	10.2	12.9	
8	23.0	233.9	13.2	8.6	15.3	11.0	11.7	14.9	10.7	16.5	17.9	
9	19.7	94.5	13.0	11.8	10.0	12.3	12.2	15.5	7.5	13.7	23.7	
10	62.4	89.2	10.6	12.2	10.1	12.8	11.2	15.0	31.1	10.8	25.1	
11	19.3	17.0	15.8	11.6	12.8	15.1	10.5	15.2	6.6	7.9	13.8	
12	20.4	12.7	12.4	16.3	15.2	13.1	12.9	16.1	8.8	14.1	9.9	
13	29.0	11.2	13.6	17.0	13.8	11.9	15.5	17.3	7.8	17.1	11.6	
14	29.9	5.0	13.6	13.5	28.3	12.4	12.2	12.5	7.7	17.3	12.4	
15	30.2	10.9	16.4	45.4	37.3	10.6	12.0	11.8	10.4	9.9	10.6	
16	28.2	24.8	11.0	39.6	12.1	10.3	14.7	19.9	11.7	9.6	13.1	
17	15.1	10.0	24.8	13.7	12.5	10.6	12.7	16.9	9.8	8.7	10.9	
18	17.8	13.9	20.6	11.2	9.0	9.9	15.0	13.7	10.8	16.1	7.1	
19	14.8	12.0	17.0	14.0	13.2	7.8	14.2	15.4	12.0	15.2	17.0	
20	16.3	13.4	14.3	16.3	11.7	12.8	14.0	15.0	9.9	16.4	34.7	
21	19.1	16.4	15.7	11.9	18.5	13.6	13.6	11.2	9.1	12.5	27.6	
22	15.7	14.8	12.2	13.8	16.3	13.7	18.1	15.0	8.9	13.3	13.4	
23	13.9	12.2	11.5	20.2	13.0	15.6	46.8	18.6	12.1	10.2	14.2	
24	15.6	10.6	11.1	23.9	9.9	11.2	68.9	12.8	9.9	14.8	8.9	
25	16.7	12.7	10.7	16.2	13.1	14.8	28.0	23.8	8.0	10.2	8.1	
26	19.7	16.4	11.7	11.0	15.8	10.6	14.6	8.3	7.4	11.7	21.8	
27	16.2	18.0	10.0	14.4	7.9	12.8	14.0	9.0	14.1	15.7	15.3	
28	15.8	11.9	12.9	37.9	12.7	23.8	13.7	5.0	12.2	25.5	23.8	
29	20.4		10.5	12.9	10.3	17.8	15.6	10.1	12.3	23.4	28.9	
30	27.0		10.4	9.7	8.9	18.1	13.8	8.6	9.9	13.6	17.4	
31	11.8		13.7		8.5		12.0	8.3		19.2		
NO.:	31	28	31	30	31	30	31	31	30	31	30	0
MAX:	62.4	233.9	24.8	45.4	37.3	56.8	100.6	23.8	31.1	25.5	34.7	
MEAN:	20.92	27.33	13.56	16.81	13.93	14.60	22.12	13.73	10.96	13.04	15.53	
ANNUAL OBSERVATIONS:	334		ANNUAL MEAN:	16.52	ANNUAL MAX:	233.9						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-049-5008 POC: 1
 COUNTY: (049) Utah
 CITY: (00000) Not in a city
 SITE ADDRESS: 10865 N. 6000 WEST, HIGHLAND, UTAH
 SITE COMMENTS: PART OF 1994 OZONE NETWORK
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.430278
 LONGITUDE: -111.803889
 UTM ZONE: 12
 UTM NORTHING: 4475602
 UTM EASTING: 431803
 ELEVATION-MSL: 1485
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.0	19.9	7.0	5.5	13.0	7.6						
2	3.9	3.6	5.9	23.2	4.5	17.8						
3	4.5	4.9	13.2	21.1	20.2	8.7						
4	3.2	2.7	9.7	6.1	13.5	6.9						
5	3.6	13.7	4.8	29.8	6.1	6.3						
6	3.5	12.2	5.3	8.2	10.0	11.9						
7	3.0	23.5	15.7	18.1	10.6	5.6						
8	7.0	14.4	14.2	7.9	17.7	14.7						
9	13.7	7.5	4.9	10.5	16.4							
10	3.6	4.2	9.5	9.4	14.4	13.4						
11	4.1	3.5	16.2	5.2	13.8	12.7						
12	3.5	3.6	11.2	9.3	6.7	7.7						
13	3.9	6.9	5.1	29.5	9.9	16.4						
14	3.6	8.7	9.6	13.4	11.4	7.7						
15	2.7	6.3	6.3	4.3	19.8	12.2						
16	3.0	24.8	19.4	7.4	18.7	27.5						
17	13.9	5.5	8.8	11.2	7.9	8.4						
18	3.7	8.9	8.2	14.5	4.9	17.6						
19	15.6	10.2	11.9	14.5	4.3	19.3						
20	7.2	10.4	12.8	8.2	11.8	11.1						
21	3.1	5.8	13.0	13.7	6.3	7.1						
22	18.0	14.7	10.7	12.4	10.4	6.1						
23	4.4	13.0	8.1	6.2	10.8	9.9						
24	3.3	9.6	10.9	8.0	12.8	10.8						
25	3.0	12.8	9.3	11.7	5.2	10.9						
26	3.1	18.2	7.5	17.5	26.3	14.7						
27	3.6	15.2	6.6	4.8	11.5	6.9						
28	3.6	6.0	16.7	11.2	23.2	10.5						
29	3.3		10.3	20.2	13.2	8.8						
30	8.2		4.4	12.7	9.2	11.1						
31	17.4		1.8		10.0							
NO.:	31	28	31	30	31	29	0	0	0	0	0	0
MAX:	18.0	24.8	19.4	29.8	26.3	27.5						
MEAN:	5.88	10.38	9.65	12.52	12.08	11.39						
ANNUAL OBSERVATIONS:	180		ANNUAL MEAN:	10.29	ANNUAL MAX:	29.8						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-049-5008 POC: 1
 COUNTY: (049) Utah
 CITY: (00000) Not in a city
 SITE ADDRESS: 10865 N. 6000 WEST, HIGHLAND, UTAH
 SITE COMMENTS: PART OF 1994 OZONE NETWORK
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: AGRICULTURAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 40.430278
 LONGITUDE: -111.803889
 UTM ZONE: 12
 UTM NORTHING: 4475602
 UTM EASTING: 431803
 ELEVATION-MSL: 1485
 PROBE HEIGHT:

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	229	356	355	178	340	273						
2	339	339	179	330	202	353						
3	340	350	348	351	332	353						
4	347	307	332	170	347	348						
5	356	339	354	331	278	268						
6	268	342	340	262	338	332						
7	253	341	340	343	359	342						
8	353	359	357	210	342	319						
9	335	340	187	349	348							
10	207	332	187	344	352	344						
11	336	260	356	203	360	340						
12	343	314	356	354	343	358						
13	356	354	343	346	330	329						
14	358	163	343	359	298	352						
15	239	347	279	183	322	344						
16	185	338	347	352	338	355						
17	337	350	318	352	355	344						
18	297	319	313	359	357	330						
19	358	338	346	358	341	348						
20	352	334	182	348	345	340						
21	341	338	212	348	332	350						
22	352	327	342	349	350	259						
23	203	356	239	357	337	352						
24	272	339	355	314	350	353						
25	303	168	346	354	188	346						
26	290	360	284	341	334	352						
27	258	352	353	260	326	344						
28	359	153	337	303	350	350						
29	260		338	345	357	301						
30	352		294	359	221	331						
31	336		125		348							
NO.:	31	28	31	30	31	29	0	0	0	0	0	0
MAX:	359.	360.	357.	359.	360.	358.						
MEAN:	306.9	318.4	302.8	313.7	326.5	334.8						
ANNUAL OBSERVATIONS:	180		ANNUAL MEAN:	317.0	ANNUAL MAX:	360.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-049-5010 POC: 1
 COUNTY: (049) Utah
 CITY: (71290) Spanish Fork
 SITE ADDRESS: 312 W. 2050 NORTH, SPANISH FORK, UTAH
 SITE COMMENTS: SITE IS LOCATED AT SPANISH FORK AIRPORT
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: INDUSTRIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.136389
 LONGITUDE: -111.659722
 UTM ZONE: 12
 UTM NORTHING: 4442904
 UTM EASTING: 443807
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	10.3	16.8	10.8	10.9	14.4	10.0	10.3	7.7	12.9	10.4	17.7	18.1
2	11.2	8.8	12.5	18.2	8.8	16.4	10.9	8.7	7.8	12.4	11.6	9.6
3	4.0	7.1	10.5	17.2	17.6	7.2	12.9	12.3	10.8	12.9	19.4	9.3
4	3.8	5.1	9.0	9.0	9.2	6.8	12.2	13.7	10.2	12.9	18.3	3.8
5	10.2	8.9	11.0	19.6	9.8	10.2	11.9	11.9	13.5	11.2	12.2	8.3
6	3.9	9.2	8.3	7.4	9.6	22.4	8.8	13.5	8.2	9.3	6.3	7.4
7	3.2	32.1	14.9	16.8	12.5	7.6	13.8	12.0	10.8	8.3	11.6	10.0
8	3.6	8.1	11.4	13.8	15.2	18.6	12.2	11.6	10.2	5.5	5.9	4.0
9	8.9	9.1	9.6	9.1	12.3	15.1	11.0	11.8	9.9	9.7	7.9	6.9
10	8.9	6.1	13.9	11.1	8.9	9.9	15.5	11.0	14.3	10.4	12.3	7.6
11	10.3	8.8	12.6	10.1	8.0	12.4	10.9	10.7	13.3	9.7	12.2	13.5
12	7.0	11.4	10.1	12.2	8.9	7.6	13.7	9.8	8.8	9.9	22.1	13.9
13	6.6	11.4	9.6	22.6	10.7	15.4	15.5	21.7	10.2	10.8	10.4	6.5
14	3.0	15.3	10.8	13.2	16.8	8.9	14.2	17.9	12.0	11.5	8.8	5.6
15	4.4	15.5	10.2	8.1	16.2	12.3	10.2	15.1	12.7	11.8	9.1	8.7
16	3.6	22.6	18.8	6.9	12.9	26.5	11.4	8.2	13.1	14.1	7.5	4.8
17	12.0	12.5	9.5	10.8	15.5	8.3	15.3	11.5	8.4	10.2	11.0	3.6
18	6.3	15.9	14.4	8.6	10.5	11.2	14.9	12.9	10.2	9.4	16.1	3.4
19	14.2	14.8	26.0	13.8	6.2	12.9	13.4	12.6	10.3	9.0	4.9	5.1
20	5.5	17.5	13.8	8.9	12.0	8.7	11.0	17.6	9.7	9.5	8.3	4.4
21	4.0	11.2	22.1	17.1	7.7	10.1	14.4	12.2	8.9	10.7	6.3	13.3
22	15.8	14.8	13.8	10.9	13.5	11.8	13.1	13.5	10.4	7.2	12.2	9.6
23	7.5	8.0	15.7	6.8	13.5	12.6	8.1	12.3	11.7	10.1	18.1	5.6
24	4.5	14.8	20.9	12.7	8.9	10.7	11.0	10.5	12.6	11.9	18.8	6.9
25	7.0	23.3	8.7	11.5	15.6	9.4	12.9	14.2	11.7	11.1	21.4	6.2
26	6.0	15.1	14.4	20.3	15.1	13.5	13.8	13.5	9.4	16.1	7.4	5.3
27	7.0	10.8	12.5	8.4	15.5	10.8	14.8	11.0	11.3	7.6	8.2	8.3
28	4.0	12.7	24.3	15.0	19.5	18.1	12.3	10.0	11.9	10.1	6.7	7.6
29	3.6		11.9	17.6	9.9	15.5	10.0	14.5	10.8	9.2	5.6	5.8
30	8.9		10.3	10.5	14.0	17.5	11.3	12.2	11.6	9.2	16.5	20.4
31	14.1		9.1		13.5		11.9	16.2		10.8		25.2
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	15.8	32.1	26.0	22.6	19.5	26.5	15.5	21.7	14.3	16.1	22.1	25.2
MEAN:	7.20	13.13	13.27	12.64	12.35	12.61	12.37	12.65	10.92	10.42	11.83	8.67
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	11.49	ANNUAL MAX:	32.1						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-049-5010 POC: 1
 COUNTY: (049) Utah
 CITY: (71290) Spanish Fork
 SITE ADDRESS: 312 W. 2050 NORTH, SPANISH FORK, UTAH
 SITE COMMENTS: SITE IS LOCATED AT SPANISH FORK AIRPORT
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (6520) PROVO-OREM, UT
 LAND USE: INDUSTRIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER:
 LATITUDE: 40.136389
 LONGITUDE: -111.659722
 UTM ZONE: 12
 UTM NORTHING: 4442904
 UTM EASTING: 443807
 ELEVATION-MSL: 1380
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	276	344	347	314	344	262	350	315	330	349	346	326
2	325	267	289	332	354	338	333	352	321	346	351	353
3	265	292	352	354	347	338	219	286	336	297	139	333
4	312	332	320	289	329	360	349	357	349	319	326	315
5	287	322	306	344	353	337	324	348	332	311	340	353
6	324	354	354	349	355	270	301	225	303	319	348	334
7	282	344	350	357	355	353	356	265	309	259	348	341
8	355	359	359	344	337	347	325	294	305	270	354	326
9	340	274	337	359	357	339	350	351	303	319	345	354
10	324	304	220	282	355	357	210	343	356	314	347	333
11	323	357	344	358	311	350	249	331	170	320	251	359
12	334	281	345	333	318	354	257	353	254	338	326	330
13	352	290	345	336	311	338	136	350	310	357	345	357
14	360	282	333	339	297	360	296	339	279	348	300	360
15	356	239	346	339	328	350	334	344	325	162	324	335
16	348	324	332	342	343	347	358	346	336	327	353	356
17	351	302	358	334	357	341	303	283	346	333	144	331
18	327	207	134	339	353	344	140	352	339	325	337	354
19	339	270	324	350	327	336	329	357	351	353	343	354
20	355	356	195	350	352	341	337	262	325	354	301	357
21	293	351	236	350	347	345	307	299	345	355	308	356
22	350	316	359	347	345	351	222	350	339	338	330	343
23	351	353	358	315	244	308	352	352	344	338	135	351
24	307	353	233	316	338	339	350	339	283	354	134	354
25	355	260	336	357	334	340	350	131	343	351	354	358
26	343	349	234	347	341	333	252	308	332	349	329	313
27	291	342	350	359	356	355	237	335	278	311	326	334
28	307	141	354	316	352	222	346	349	335	323	327	296
29	310		357	351	356	195	346	302	313	337	333	352
30	353		354	343	355	309	352	274	303	339	347	293
31	340		341		249		182	302		353		353
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	359.	359.	359.	357.	360.	358.	357.	356.	357.	354.	360.
MEAN:	326.9	305.9	316.2	338.2	335.5	328.6	295.2	315.9	316.5	324.8	306.4	340.8
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		321.0	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-053-0006 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10102-43-9
 LATITUDE: 37.129
 LONGITUDE: -113.637
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 846
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			15.0	10.0	2.0	4.0	2.0	2.0	3.0			
2			13.0	7.0	15.0	1.0	3.0	7.0	14.0			
3			7.0	2.0	6.0	2.0	2.0	5.0	4.0			
4			32.0	4.0	6.0	3.0	3.0	4.0	3.0			
5			5.0	8.0	7.0	2.0	3.0	6.0	4.0			
6			3.0	3.0	4.0	15.0	4.0	3.0	4.0			
7			3.0	5.0	3.0	6.0	27.0	2.0	17.0			
8			3.0	5.0	2.0	4.0	3.0	8.0	12.0			
9			12.0	2.0	2.0	4.0	3.0	5.0	5.0			
10			14.0	3.0	3.0	7.0	3.0	5.0	2.0			
11			13.0	9.0	8.0	4.0	5.0	6.0	2.0			
12			5.0	11.0	6.0	4.0	4.0	8.0	5.0			
13			5.0	7.0	4.0	4.0	5.0	4.0	4.0			
14			12.0	2.0	2.0	49.0	5.0	3.0	11.0			
15			7.0	6.0	1.0	63.0	4.0	8.0	8.0			
16			7.0	4.0	5.0	59.0	3.0	7.0	8.0			
17			3.0	3.0	2.0	5.0	3.0	20.0	2.0			
18			6.0	7.0	1.0	8.0	8.0	19.0	3.0			
19			2.0	4.0	5.0	3.0	5.0	5.0	10.0			
20			2.0	6.0	7.0	5.0	3.0	3.0	7.0			
21			2.0	6.0	3.0	44.0	4.0	3.0	10.0			
22			6.0	4.0	1.0	109.0	2.0	10.0	23.0			
23			17.0	2.0	3.0	116.0	3.0	47.0	9.0			
24			4.0	2.0	5.0	71.0	2.0	7.0	7.0			
25			6.0	2.0	3.0	97.0	3.0	14.0	2.0			
26			6.0	2.0	2.0	2.0	3.0	21.0	8.0			
27			6.0	6.0	4.0	4.0	5.0	3.0	14.0			
28			13.0	5.0	2.0	5.0	5.0	2.0	26.0			
29			13.0	2.0	1.0	4.0	4.0	5.0	17.0			
30			12.0	3.0	1.0	3.0	2.0	6.0	21.0			
31			19.0		4.0		2.0	6.0				
NO.:	0	0	31	30	31	30	31	31	30	0	0	0
MAX:			32.0	11.0	15.0	116.0	27.0	47.0	26.0			
MEAN:			8.81	4.73	3.87	23.57	4.29	8.19	8.83			
ANNUAL OBSERVATIONS:	214		ANNUAL MEAN:	8.85	ANNUAL MAX:	116.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-053-0006 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 11104-93-1
 LATITUDE: 37.129
 LONGITUDE: -113.637
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 846
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1				19.0	6.0	14.0	4.0	6.0	10.0			
2				14.0	33.0	8.0	9.0	18.0	31.0			
3				4.0	17.0	6.0	4.0	13.0	10.0			
4				13.0	21.0	8.0	7.0	11.0	8.0			
5				19.0	20.0	5.0	8.0	14.0	12.0			
6				13.0	12.0	26.0	6.0	7.0	11.0			
7				14.0	9.0	13.0	28.0	4.0	37.0			
8				16.0	5.0	12.0	5.0	20.0	30.0			
9				7.0	5.0	11.0	7.0	13.0	16.0			
10				9.0	9.0	18.0	8.0	15.0	6.0			
11				20.0	17.0	8.0	14.0	15.0	5.0			
12				22.0	13.0	6.0	9.0	19.0	14.0			
13				18.0	10.0	10.0	10.0	9.0	14.0			
14				11.0	9.0	52.0	12.0	8.0	20.0			
15				17.0	4.0	64.0	9.0	19.0	15.0			
16				10.0	16.0	61.0	8.0	13.0	16.0			
17				9.0	8.0	7.0	7.0	24.0	8.0			
18				16.0	3.0	9.0	19.0	32.0	7.0			
19				11.0	14.0	5.0	13.0	12.0	22.0			
20				17.0	14.0	13.0	7.0	7.0	17.0			
21				13.0	6.0	45.0	12.0	6.0	24.0			
22				10.0	3.0	111.0	9.0	27.0	41.0			
23				5.0	5.0	115.0	7.0	50.0	19.0			
24				4.0	14.0	73.0	5.0	13.0	17.0			
25				4.0	10.0	102.0	9.0	27.0	9.0			
26				4.0	11.0	7.0	10.0	25.0	18.0			
27				16.0	13.0	12.0	9.0	11.0	26.0			
28				16.0	8.0	8.0	12.0	5.0	41.0			
29				4.0	2.0	13.0	9.0	15.0	31.0			
30				7.0	6.0	10.0	6.0	13.0	37.0			
31					10.0		5.0	16.0				
NO.:	0	0	0	30	31	30	31	31	30	0	0	0
MAX:				22.0	33.0	115.0	28.0	50.0	41.0			
MEAN:				12.07	10.74	28.40	9.26	15.71	19.07			
ANNUAL OBSERVATIONS:	183			ANNUAL MEAN:	15.81	ANNUAL MAX:	115.0					

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-053-0006 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.129
 LONGITUDE: -113.637
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 846
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.9	19.5	3.5	3.6	15.9	14.4	5.8	7.0	13.4	7.8	20.1	16.3
2	4.5	13.0	4.2	12.3	7.0	12.0	9.8	10.4	7.9	7.1	8.6	8.9
3	4.9	4.7	10.8	17.1	7.5	5.9	14.6	11.8	7.5	7.6	6.9	4.4
4	3.3	9.7	6.4	4.5	12.5	10.6	8.4	10.5	5.9	13.3	16.5	9.5
5	4.1	13.7	4.4	9.6	6.9	14.2	8.8	9.1	6.2	7.6	11.5	13.6
6	4.3	10.9	5.3	7.6	10.6	17.5	12.2	6.9	7.2	12.9	4.2	3.6
7	3.6	15.4	11.8	20.0	12.3	6.7	9.6	9.0	8.0	7.6	17.3	3.0
8	2.9	17.6	14.4	8.2	19.5	8.5	13.5	9.8	11.0	11.4	6.2	3.3
9	8.5	6.6	4.5	13.4	13.8	6.5	12.4	10.3	11.6	4.7	3.8	3.6
10	7.8	3.9	6.5	7.1	11.8	9.9	7.4	10.8	10.2	4.4	3.6	3.8
11	4.5	3.5	5.8	4.9	7.6	9.9	11.5	9.0	13.5	4.8	3.2	3.5
12	3.3	3.4	7.2	8.2	8.2	8.9	8.2	6.5	6.1	5.1	7.1	4.3
13	3.8	3.8	5.2	20.9	7.6	8.6	9.9	14.5	11.4	3.0	3.7	4.1
14	4.5	4.3	8.9	10.9	13.9	6.2	9.9	8.5	7.1		4.0	4.6
15	3.9	3.4	7.7	3.5	19.6	11.8	8.6	11.0	4.0		6.6	6.2
16	3.0	17.7	12.1	5.8	9.4	16.4	9.9	6.6	10.2		5.0	7.1
17	9.3	12.5	8.9	8.7	9.8	8.1	6.5	8.9	6.9	6.5	3.0	3.7
18	8.8	3.5	9.4	9.8	12.9	10.2	11.0	9.5	3.9	4.5	3.9	3.7
19	14.8	9.0	11.4	9.1	11.9	20.1	10.9	12.9	4.0	7.3	6.8	8.6
20	4.7	5.6	9.1	16.3	10.4	11.3	11.7	8.5	7.5	4.9	3.8	3.7
21	3.0	3.9	16.6	12.2	7.7	6.4	9.3	6.5	9.6	4.2	6.1	13.5
22	12.0	4.3	8.0	10.2	9.6	7.6	9.8	8.9	4.8	4.0	3.1	17.0
23	8.0	6.0	7.7	8.9	15.7	12.9	8.3	7.8	5.6	4.9	4.1	4.4
24	4.3	5.3	14.0	16.9	9.0	12.5	9.3	9.1	9.8	8.9	5.9	3.9
25	3.8	8.2	15.3	14.2	9.2	10.4	9.6	10.4	4.3	11.3	13.6	3.4
26	9.6	9.1	3.7	16.3	9.6	9.5	6.3	11.5	4.8	17.9	12.3	3.6
27	3.6	10.1	5.2	6.5	12.2	9.7	9.1	5.5	5.9	3.9	4.3	3.6
28	3.6	7.4	10.8	12.9	13.0	17.6	6.1	10.2	6.8	4.3	3.2	3.5
29	4.1		7.1	18.7	18.1	16.1	11.2	8.6	3.7	3.2	3.8	3.0
30	9.7		9.0	15.6	8.5	10.4	10.1	11.5	10.2	3.8	23.2	3.0
31	20.9		6.9		10.9		10.8	17.2		3.6		6.6
NO.:	31	28	31	30	31	30	31	31	30	28	30	31
MAX:	20.9	19.5	16.6	20.9	19.6	20.1	14.6	17.2	13.5	17.9	23.2	17.0
MEAN:	6.19	8.43	8.45	11.13	11.37	11.03	9.69	9.64	7.63	6.80	7.51	5.97
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:	8.66	ANNUAL MAX:	23.2						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-053-0006 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.129
 LONGITUDE: -113.637
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 846
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	351	360	340	343	346	339	335	321	328	336	353	357
2	352	355	352	322	356	343	354	355	359	342	348	353
3	354	357	352	360	357	354	358	333	354	352	349	358
4	352	352	348	358	348	360	335	349	348	343	357	347
5	355	360	355	353	351	337	352	341	353	339	332	355
6	354	360	346	347	328	354	359	352	357	358	354	354
7	353	357	359	314	326	359	341	335	356	353	342	349
8	357	359	345	260	351	349	356	353	357	347	352	357
9	360	351	346	354	341	355	357	336	360	352	349	359
10	357	358	347	352	353	345	261	341	326	354	354	347
11	355	355	352	355	339	334	345	341	329	358	348	357
12	360	352	341	347	353	335	341	340	352	352	346	343
13	349	346	349	338	349	345	338	352	347	351	353	359
14	359	340	352	338	355	353	350	355	341		353	357
15	349	348	344	351	358	358	357	310	328		351	352
16	360	347	357	350	321	332	343	356	330		355	338
17	355	351	349	349	352	343	348	353	350	360	355	358
18	356	349	358	358	350	348	353	340	345	355	353	360
19	356	324	321	341	352	359	340	356	344	356	356	353
20	358	357	354	354	353	343	345	344	339	358	350	360
21	359	355	296	360	356	351	340	343	355	354	349	355
22	351	350	359	354	337	359	356	354	360	359	349	359
23	356	357	345	353	351	341	338	356	357	355	346	344
24	353	347	338	348	356	335	345	357	353	352	356	351
25	352	346	351	318	351	332	360	349	353	357	357	351
26	360	332	348	351	327	350	336	345	339	351	353	359
27	357	337	352	347	348	345	348	351	348	358	352	356
28	360	337	356	342	330	327	353	342	359	354	353	354
29	351		355	345	350	329	357	347	357	355	357	359
30	340		360	353	341	346	358	345	353	357	360	342
31	357		354		350		329	358		350		358
NO.:	31	28	31	30	31	30	31	31	30	28	30	31
MAX:	360.	360.	360.	360.	358.	360.	360.	358.	360.	360.	360.	360.
MEAN:	354.8	350.0	347.8	343.8	346.3	345.3	344.8	345.5	347.9	352.4	351.4	353.6
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:		348.6		ANNUAL MAX:		360.			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-053-0006 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.129
 LONGITUDE: -113.637
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 846
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (040) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	33	39	59	86	67	85	105	98	100	90	72	50
2	38	35	64	85	74	78	108	103	99	91	60	53
3	39	48	65	72	82	85	105	102	102	79	68	47
4	43	59	64	67	84	91	95	102	102	71	63	49
5	44	67	67	77	89	93	100	101	83	63	50	44
6	50	60	65	65	90	80	100	101	94	58	46	42
7	51	60	57	66	89	87	98	101	98	62	53	51
8	48	51	58	45	81	86	97	101	99	70	55	54
9	50	53	67	49	62	91	99	102	96	72	61	54
10	42	53	75	61	64	93	92	100	90	75	62	59
11	39	59	75	69	72	91	89	99	80	82	60	57
12	50	66	73	72	86	89	95	101	87	83	63	44
13	53	64	73	73	90	92	95	97	82	58	60	54
14	60	67	74	66	86	99	94	100	81		64	50
15	58	63	77	75	80	100	94	102	84		65	46
16	59	64	73	82	68	96	97	102	87		62	50
17	69	57	61	84	66	91	103	105	88	82	63	52
18	64	63	70	76	58	94	102	104	92	82	66	52
19	61	50	58	78	65	79	101	100	96	83	62	54
20	54	45	61	81	71	90	102	100	97	83	61	50
21	59	51	60	76	83	100	101	101	96	82	59	51
22	59	55	56	74	84	105	100	104	97	82	59	43
23	54	56	66	74	80	103	100	106	98	84	66	49
24	57	55	58	73	79	100	103	107	96	82	66	54
25	58	57	55	74	88	98	102	107	95	80	64	52
26	59	50	53	67	84	99	86	105	94	60	62	52
27	58	48	66	71	88	102	99	103	96	65	63	52
28	62	53	70	79	87	104	104	103	98	72	59	53
29	61		68	70	70	98	106	103	100	74	65	55
30	56		76	62	74	94	103	103	96	78	61	58
31	51		80		86		89	101		76		59
NO.:	31	28	31	30	31	30	31	31	30	28	30	31
MAX:	69.	67.	80.	86.	90.	105.	108.	107.	102.	91.	72.	59.
MEAN:	52.9	55.3	65.9	71.6	78.3	93.1	98.8	102.1	93.4	75.7	61.3	51.3
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:	75.1	ANNUAL MAX:	108.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-053-0006 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.129
 LONGITUDE: -113.637
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 846
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Percent relative humidity

MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	66	59	79	69	37	36	19	41	16	44	35	38
2	69	34	74	62	43	19	31	55	29	57	46	71
3	89	50	70	46	48	32	34	39	15	81	55	79
4	81	54	72	46	38	38	45	50	12	84	80	70
5	79	76	67	57	43	34	52	26	62	88	77	74
6	80	54	61	60	38	32	60	21	69	86	86	51
7	76	72	81	72	40	41	71	23	46	86	87	54
8	81	43	55	80	46	35	84	25	35	76	76	65
9	86	63	77	82	74	37	80	29	38	78	72	69
10	55	59	73	82	77	36	76	30	54	71	69	61
11	62	61	70	79	76	32	56	37	80	69	57	61
12	68	62	67	69	74	33	71	40	84	71	68	88
13	74	59	67	68	58	32	55	38	68	57	71	89
14	82	56	62	41	51	43	47	40	86		78	83
15	80	54	67	61	36	41	48	45	88		81	81
16	83	58	62	62	42	32	47	27	71		63	77
17	86	59	61	62	57	27	33	30	67	34	68	76
18	65	53	69	58	64	36	34	34	55	51	70	67
19	77	86	47	57	91	37	48	41	55	58	63	78
20	60	89	53	62	91	55	37	44	51	57	65	70
21	67	86	77	72	77	43	24	31	47	56	90	73
22	76	80	81	38	55	34	27	33	43	58	85	46
23	61	76	71	46	64	30	29	37	36	54	85	53
24	68	77	77	78	78	30	40	31	34	55	73	48
25	70	64	84	73	67	26	41	39	41	52	79	54
26	65	86	87	35	28	23	75	46	37	58	51	59
27	74	86	87	49	38	27	79	60	45	42	54	63
28	72	81	79	56	46	27	46	44	41	48	62	62
29	73		49	32	47	26	41	52	39	55	65	62
30	74		52	37	59	29	37	47	37	53	67	68
31	82		72		51		64	42		58		71
NO.:	31	28	31	30	31	30	31	31	30	28	30	31
MAX:	89.	89.	87.	82.	91.	55.	84.	60.	88.	88.	90.	89.
MEAN:	73.6	65.6	69.4	59.7	55.9	33.4	49.4	38.0	49.4	62.0	69.3	66.5
ANNUAL OBSERVATIONS:	362		ANNUAL MEAN:		57.6	ANNUAL MAX:		91.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.3	21.4	10.3	12.8	14.4	14.2	10.3	10.1	18.8	13.8	27.4	32.4
2	10.9	21.0	11.1	19.4	10.9	12.4	13.8	9.1	11.8	10.5	15.3	16.7
3	9.3	14.2	17.7	23.1	11.7	9.9	27.6	20.8	11.7	15.3	18.1	23.5
4	8.5	21.8	8.9	12.0	17.7	13.8	10.1	14.0	11.7	19.0	15.0	11.5
5	10.1	16.1	10.7	12.0	10.7	21.0	18.4	16.3	11.5	15.7	15.5	27.8
6	8.4	17.1	11.5	25.1	13.4	21.6	18.8	14.0	7.8	16.1	9.5	5.4
7	6.6	23.1	15.3	22.9	16.5	11.5	11.7	13.6	21.8	9.3	16.3	8.0
8	7.0	26.2	13.2	8.7	24.9	13.6	20.2	13.2	10.9	16.7	8.0	12.2
9	11.7	18.6	10.5	12.4	17.7	12.2	26.2	13.4	19.6	7.8	11.5	9.7
10	22.7	7.2	12.4	9.9	12.4	11.5	11.1	12.4	21.2	9.3	15.1	11.3
11	13.4	8.7	12.6	10.3	10.7	15.0	12.0	12.2	14.2	10.3	7.2	11.5
12	8.9	10.7	12.8	10.7	10.9	13.2	11.3	13.0	11.1	11.8	10.5	12.0
13	8.5	12.2	10.5	24.1	13.2	13.0	15.3	16.9	8.9	11.8	9.7	8.4
14	10.1	11.7	11.8	16.7	15.7	12.0	12.2	9.9	12.6	11.7	7.4	
15	10.5	11.5	10.7	10.3	23.7	13.2	11.7	12.8	8.9	12.4	9.5	12.6
16	9.3	23.7	12.8	11.3	15.0	31.1	14.4	11.7	10.3	12.6	10.1	18.8
17	10.5	13.4	18.8	15.9	12.2	28.7	11.7	12.6	11.1	22.9	11.5	7.6
18	9.1	13.4	12.4	11.8	15.5	12.8	19.0	12.4	11.1	9.9	13.8	6.4
19	25.2	17.3	16.3	11.8	11.5	29.5	12.0	14.2	11.7	10.9	13.2	24.7
20	12.0	7.6	15.3	19.4	12.8	16.7	14.8	11.8	11.5	12.2	8.0	18.8
21	8.9	8.4	18.1	17.5	11.1	9.7	14.0	11.1	11.3	12.2	7.8	16.5
22	19.8	10.1	9.3	23.3	10.9	11.7	13.6	10.7	11.7	14.8	9.1	21.4
23	13.8	10.3	11.5	12.4	29.3	16.7	12.8	11.7	11.7	10.9	12.4	9.1
24	16.1	12.6	18.8	19.0	17.1	15.3	14.0	10.9	10.1	11.5	12.4	18.8
25	12.0	15.5	19.0	15.1	20.0	12.6	14.6	15.7	9.9	28.9	9.1	10.3
26	18.8	10.1	9.5	16.7	17.1	12.8	8.0	15.1	11.5	31.1	12.8	10.9
27	9.3	10.7	9.1	8.5	11.8	13.8	10.3	11.5	10.9	10.7	9.9	11.8
28	11.3	11.1	25.4	15.1	22.7	21.9	10.3	19.4	12.0	10.7	11.1	10.5
29	11.3		11.3	23.1	22.1	21.6	23.1	11.3	11.5	10.7	11.7	11.3
30	12.4		15.3	19.0	10.1	10.1	13.4	15.7	12.4	10.9	32.0	11.8
31	18.3		13.2		14.4		11.7	19.6		11.5		17.1
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	25.2	26.2	25.4	25.1	29.3	31.1	27.6	20.8	21.8	31.1	32.0	32.4
MEAN:	12.13	14.49	13.42	15.68	15.42	15.77	14.46	13.45	12.37	13.67	12.70	14.29
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	13.98	ANNUAL MAX:	32.4						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61103) Wind Speed - Resultant

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.3	19.8	10.1	12.6	13.4	13.8	10.3	9.5	17.5	13.4	26.4	29.5
2	10.7	20.2	10.9	19.0	10.9	12.0	13.0	8.7	11.8	10.1	15.1	15.1
3	9.1	12.2	15.7	21.4	11.7	8.7	24.7	20.2	11.5	13.8	17.9	21.6
4	8.5	19.2	8.9	11.5	15.7	13.2	9.9	12.8	11.7	17.1	14.8	9.9
5	9.9	14.4	10.7	11.7	10.7	19.8	16.3	15.5	11.3	15.5	15.1	24.9
6	8.2	16.3	11.3	21.8	13.2	21.0	16.1	13.6	7.6	13.8	8.7	5.2
7	6.6	21.8	14.4	22.3	16.1	11.5	11.5	13.6	19.6	8.9	15.3	7.6
8	6.8	23.3	12.2	8.4	24.1	12.8	19.8	13.2	10.7	15.1	7.4	11.1
9	10.9	15.7	10.5	11.8	15.9	12.0	25.2	13.4	19.2	7.4	11.1	9.5
10	21.9	7.0	12.2	8.5	12.0	11.1	10.9	12.4	19.4	9.1	15.0	8.7
11	13.2	8.5	12.4	10.1	9.9	14.2	9.5	11.8	13.6	10.1	6.8	11.3
12	8.7	10.5	12.8	10.5	10.9	12.2	10.9	12.8	10.9	11.8	10.3	12.0
13	8.4	12.0	10.3	23.3	12.6	13.0	14.4	16.5	8.7	11.8	9.5	8.0
14	9.5	11.5	11.8	15.7	15.5	12.0	12.0	9.5	10.9	11.7	7.4	
15	10.3	11.3	10.5	10.1	22.7	12.4	11.5	11.7	8.7	12.4	9.5	12.2
16	9.1	23.1	12.8	11.3	14.8	26.0	12.2	11.7	10.1	12.6	9.9	17.3
17	10.3	13.2	16.9	15.7	11.1	24.9	11.5	12.6	10.9	20.4	11.5	7.4
18	8.5	13.0	12.2	10.7	15.3	12.6	18.6	12.0	11.1	9.5	13.4	6.2
19	22.5	16.7	15.7	11.3	10.9	27.2	11.3	14.0	11.7	10.9	13.0	23.1
20	10.3	7.2	14.4	19.0	11.3	15.1	14.6	11.5	11.3	12.2	7.4	17.1
21	8.7	8.2	16.9	16.9	11.1	8.7	13.4	11.1	11.1	12.0	7.4	15.0
22	16.7	10.1	8.9	20.0	10.7	11.5	13.6	9.9	11.5	13.6	9.1	20.4
23	13.0	10.3	10.5	11.8	26.0	16.1	12.8	11.5	11.5	10.7	12.2	8.9
24	14.6	12.4	17.7	15.7	15.1	14.6	13.8	10.7	10.1	11.5	12.2	16.5
25	10.5	15.3	17.1	14.8	19.6	12.4	14.2	15.5	9.9	25.4	8.9	9.9
26	17.3	9.5	9.3	15.3	16.9	12.6	7.6	14.8	11.3	27.4	11.1	10.9
27	9.1	10.5	9.1	8.4	11.5	13.0	9.9	11.1	10.9	9.9	9.9	11.8
28	11.1	10.7	23.1	14.2	22.3	21.2	10.3	18.6	12.0	10.5	10.9	10.3
29	11.3		9.9	22.5	21.4	20.8	22.5	11.1	11.3	10.5	11.5	11.1
30	12.0		14.8	17.9	9.9	9.9	9.9	15.5	12.2	10.9	29.5	11.8
31	16.3		13.0		13.0		11.3	19.0		11.5		15.7
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	22.5	23.3	23.1	23.3	26.0	27.2	25.2	20.2	19.6	27.4	29.5	29.5
MEAN:	11.46	13.71	12.81	14.81	14.72	14.88	13.66	13.09	12.00	12.95	12.27	13.33
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	13.30	ANNUAL MAX:	29.5						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61104) Wind Direction - Resultant

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (020) INSTRUMENTAL VECTOR SUMMATION
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: .1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	264.0	357.0	267.0	288.0	358.0	283.0	311.0	307.0	272.0	303.0	343.0	360.0
2	274.0	358.0	357.0	280.0	286.0	306.0	296.0	336.0	320.0	289.0	356.0	356.0
3	310.0	357.0	275.0	356.0	315.0	294.0	291.0	306.0	310.0	277.0	151.0	357.0
4	269.0	337.0	356.0	284.0	358.0	332.0	323.0	327.0	292.0	325.0	301.0	346.0
5	347.0	321.0	293.0	297.0	306.0	253.0	300.0	278.0	247.0	349.0	291.0	357.0
6	293.0	349.0	292.0	359.0	287.0	278.0	332.0	304.0	299.0	345.0	349.0	280.0
7	284.0	315.0	353.0	245.0	324.0	293.0	325.0	304.0	326.0	292.0	353.0	278.0
8	303.0	359.0	342.0	355.0	297.0	290.0	282.0	336.0	317.0	359.0	358.0	356.0
9	355.0	359.0	283.0	341.0	355.0	315.0	321.0	300.0	223.0	276.0	311.0	311.0
10	358.0	277.0	285.0	308.0	315.0	308.0	309.0	320.0	203.0	326.0	159.0	282.0
11	146.0	285.0	302.0	262.0	324.0	290.0	300.0	303.0	342.0	303.0	287.0	232.0
12	318.0	269.0	281.0	279.0	288.0	329.0	301.0	293.0	187.0	276.0	294.0	268.0
13	319.0	334.0	273.0	347.0	169.0	306.0	258.0	288.0	281.0	297.0	316.0	357.0
14	356.0	307.0	288.0	343.0	334.0	320.0	310.0	290.0	324.0	292.0	325.0	
15	272.0	278.0	281.0	284.0	282.0	284.0	341.0	318.0	276.0	285.0	285.0	149.0
16	283.0	261.0	304.0	321.0	310.0	282.0	289.0	300.0	271.0	279.0	280.0	359.0
17	338.0	357.0	360.0	292.0	347.0	308.0	282.0	322.0	292.0	359.0	287.0	308.0
18	351.0	323.0	279.0	314.0	350.0	300.0	249.0	298.0	300.0	274.0	287.0	321.0
19	357.0	332.0	314.0	345.0	328.0	339.0	305.0	351.0	289.0	274.0	307.0	359.0
20	360.0	357.0	324.0	296.0	292.0	358.0	320.0	300.0	292.0	277.0	320.0	340.0
21	300.0	256.0	269.0	298.0	309.0	295.0	290.0	289.0	306.0	360.0	321.0	334.0
22	358.0	295.0	339.0	360.0	357.0	295.0	303.0	317.0	341.0	316.0	301.0	359.0
23	358.0	353.0	328.0	338.0	343.0	305.0	357.0	284.0	276.0	291.0	157.0	244.0
24	353.0	294.0	335.0	340.0	348.0	279.0	323.0	280.0	293.0	333.0	275.0	345.0
25	355.0	306.0	280.0	340.0	302.0	281.0	299.0	283.0	292.0	317.0	293.0	288.0
26	357.0	327.0	142.0	352.0	313.0	346.0	261.0	284.0	352.0	360.0	345.0	292.0
27	287.0	287.0	314.0	301.0	316.0	279.0	310.0	289.0	282.0	359.0	302.0	285.0
28	280.0	196.0	359.0	284.0	312.0	263.0	293.0	303.0	295.0	242.0	300.0	300.0
29	281.0		349.0	355.0	278.0	260.0	258.0	284.0	280.0	277.0	291.0	303.0
30	313.0		360.0	359.0	345.0	312.0	247.0	286.0	289.0	280.0	321.0	301.0
31	336.0		304.0		292.0		287.0	247.0		324.0		357.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	360.0	359.0	360.0	360.0	358.0	358.0	357.0	351.0	352.0	360.0	358.0	360.0
MEAN:	314.03	314.50	306.06	317.43	314.19	299.43	299.13	300.87	288.97	306.97	295.53	312.80
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	305.80	ANNUAL MAX:	360.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61106) Std Dev Hz Wind Direction

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (021) INSTRUMENTAL ARITH STD DEV LEVEL 1
 PQAQ: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	41.0	71.0	46.0	46.0	45.0	46.0	66.0	61.0	31.0	80.0	60.0	62.0
2	40.0	65.0	73.0	55.0	52.0	37.0	40.0	41.0	32.0	66.0	60.0	51.0
3	37.0	62.0	69.0	40.0	63.0	70.0	42.0	50.0	28.0	46.0	41.0	63.0
4	56.0	67.0	54.0	45.0	68.0	43.0	44.0	57.0	44.0	47.0	64.0	72.0
5	60.0	43.0	58.0	34.0	40.0	26.0	48.0	52.0	43.0	40.0	42.0	70.0
6	56.0	62.0	30.0	61.0	39.0	30.0	43.0	58.0	69.0	47.0	49.0	36.0
7	42.0	41.0	60.0	30.0	54.0	59.0	57.0	47.0	63.0	58.0	47.0	43.0
8	69.0	78.0	61.0	30.0	42.0	44.0	48.0	48.0	72.0	46.0	73.0	48.0
9	44.0	55.0	61.0	48.0	47.0	57.0	52.0	29.0	55.0	30.0	44.0	29.0
10	63.0	38.0	41.0	70.0	66.0	52.0	53.0	57.0	64.0	62.0	25.0	34.0
11	18.0	32.0	61.0	57.0	56.0	44.0	51.0	49.0	48.0	50.0	61.0	64.0
12	65.0	57.0	56.0	36.0	37.0	47.0	55.0	34.0	77.0	49.0	44.0	50.0
13	57.0	30.0	60.0	42.0	48.0	42.0	30.0	33.0	56.0	27.0	70.0	49.0
14	52.0	49.0	47.0	64.0	55.0	47.0	42.0	45.0	76.0	33.0	51.0	
15	38.0	48.0	27.0	35.0	24.0	37.0	52.0	62.0	48.0	58.0	54.0	32.0
16	30.0	22.0	40.0	37.0	43.0	39.0	53.0	45.0	58.0	39.0	65.0	64.0
17	51.0	57.0	52.0	45.0	52.0	46.0	51.0	51.0	40.0	44.0	35.0	64.0
18	56.0	50.0	42.0	45.0	61.0	45.0	46.0	31.0	38.0	48.0	37.0	75.0
19	67.0	58.0	22.0	40.0	64.0	46.0	59.0	72.0	43.0	59.0	50.0	38.0
20	58.0	56.0	53.0	50.0	56.0	49.0	61.0	59.0	39.0	30.0	54.0	71.0
21	41.0	54.0	40.0	44.0	55.0	49.0	43.0	65.0	48.0	31.0	64.0	64.0
22	49.0	39.0	55.0	62.0	56.0	53.0	30.0	45.0	49.0	38.0	53.0	47.0
23	54.0	64.0	41.0	53.0	34.0	56.0	41.0	35.0	42.0	30.0	19.0	58.0
24	59.0	54.0	46.0	49.0	51.0	41.0	52.0	33.0	51.0	51.0	49.0	59.0
25	76.0	47.0	36.0	54.0	57.0	40.0	47.0	68.0	50.0	50.0	48.0	35.0
26	59.0	48.0	25.0	56.0	42.0	52.0	47.0	53.0	60.0	66.0	62.0	24.0
27	34.0	73.0	51.0	67.0	49.0	53.0	40.0	66.0	30.0	66.0	32.0	40.0
28	37.0	27.0	33.0	55.0	28.0	42.0	35.0	58.0	29.0	34.0	33.0	29.0
29	34.0		57.0	46.0	38.0	40.0	57.0	56.0	41.0	38.0	59.0	46.0
30	43.0		56.0	54.0	53.0	42.0	51.0	46.0	50.0	24.0	27.0	30.0
31	68.0		39.0		21.0		43.0	52.0		41.0		50.0
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	76.0	78.0	73.0	70.0	68.0	70.0	66.0	72.0	77.0	80.0	73.0	75.0
MEAN:	50.13	51.68	48.13	48.33	48.26	45.80	47.71	50.26	49.13	46.06	49.07	49.90
ANNUAL OBSERVATIONS:		364		ANNUAL MEAN:	48.68		ANNUAL MAX:	80.0				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62101) Outdoor Temperature

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (041) INSTRUMENTAL ELEC. OR MACH. AVG. L
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Fahrenheit
 MIN DETECTABLE: -60

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	30	40	57	78	61	78	96	91	96	83	67	46
2	36	33	59	79	66	73	102	96	94	85	57	47
3	36	45	61	69	75	79	99	95	95	83	64	39
4	39	54	58	60	76	87	89	97	96	74	62	42
5	42	60	61	71	80	90	91	96	82	58	46	39
6	45	54	60	58	83	77	92	96	87	54	45	38
7	47	56	48	60	83	81	92	95	92	56	46	46
8	45	46	53	43	77	80	89	96	92	62	50	51
9	45	47	61	45	57	83	92	96	88	65	58	50
10	38	49	69	54	59	87	87	96	83	69	61	55
11	40	55	68	64	66	86	85	94	72	72	56	54
12	46	60	66	66	77	84	87	96	78	78	59	46
13	51	62	67	68	82	85	89	93	75	79	55	48
14	57	62	68	59	78	90	89	95	71	82	58	
15	55	61	69	66	77	93	89	98	76	84	58	49
16	56	63	68	73	64	91	92	97	78	81	57	47
17	63	52	59	77	61	84	96	99	81	75	58	52
18	58	56	65	70	54	88	93	99	85	76	62	47
19	55	53	56	71	56	74	95	94	87	79	57	50
20	49	39	60	74	61	83	96	96	89	76	57	46
21	53	46	58	70	75	91	95	96	91	76	50	45
22	60	48	51	68	76	97	94	98	91	77	55	37
23	49	50	61	67	75	96	94	100	91	80	67	46
24	54	51	53	68	69	94	96	103	91	77	61	51
25	55	52	53	68	82	93	96	100	88	75	58	50
26	55	48	45	62	79	93	80	97	89	53	58	50
27	54	40	60	64	83	96	93	97	89	59	59	50
28	58	49	64	74	82	99	96	96	91	69	58	53
29	57		61	63	68	93	100	96	92	67	61	56
30	54		69	57	67	85	96	98	90	72	61	60
31	48		73		82		83	98		72		57
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	63.	63.	73.	79.	83.	99.	102.	103.	96.	85.	67.	60.
MEAN:	49.4	51.1	60.7	65.5	72.0	87.0	92.4	96.6	86.7	72.5	57.4	48.2
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	70.1	ANNUAL MAX:	103.						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(62201) Relative Humidity

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (012) INSTRUMENTAL HYGROSCOPIC PLASTIC F
 PQA0: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Percent relative humidity
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	71	62	68	56	37	30	38	86	26	45	45	56
2	69	34	64	44	35	21	27	61	29	56	47	86
3	95	41	70	52	37	29	34	48	21	74	27	65
4	87	60	80	35	36	27	56	53	22	75	90	85
5	77	77	54	45	27	22	61	32	69	94	94	75
6	72	48	55	66	32	24	72	24	75	85	92	53
7	68	63	94	87	31	34	74	22	44	87	95	52
8	75	48	68	95	66	31	55	25	33	70	75	60
9	84	52	67	95	86	31	68	25	47	64	59	54
10	51	48	59	81	92	30	66	31	51	59	37	47
11	43	49	56	73	93	32	69	38	85	63	41	45
12	55	46	59	52	68	28	68	30	86	64	55	93
13	64	38	65	55	52	30	57	32	76	37	70	96
14	74	37	50	53	42	35	36	37	91	45	75	
15	72	41	55	51	35	35	35	43	82	40	76	54
16	76	51	57	48	47	29	33	29	75	44	65	56
17	81	57	68	59	68	26	33	29	69	45	49	58
18	67	52	69	65	88	38	38	34	58	35	59	71
19	70	95	51	82	90	41	47	48	51	34	61	76
20	57	95	59	58	95	49	43	41	47	39	73	63
21	62	92	95	67	70	34	24	37	42	42	92	67
22	70	70	87	40	58	28	19	35	33	41	86	49
23	57	70	63	73	64	25	22	30	27	37	56	52
24	60	67	94	88	68	24	31	32	28	39	60	42
25	57	59	85	79	55	23	45	32	35	60	72	46
26	67	95	93	44	27	19	78	65	38	58	53	46
27	61	95	86	40	41	21	73	63	40	46	42	46
28	57	84	73	38	43	22	49	50	33	40	41	44
29	61		50	36	47	21	39	51	34	33	47	48
30	74		57	38	67	34	51	44	31	35	51	59
31	84		60		42		86	37		41		61
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	95.	95.	95.	95.	95.	49.	86.	86.	91.	94.	95.	96.
MEAN:	68.3	61.6	68.1	59.8	56.1	29.1	49.3	40.1	49.3	52.5	62.8	60.2
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:		54.7	ANNUAL MAX:		96.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(63301) Solar radiation

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) INSTRUMENTAL PYRANOMETER
 PQAQ: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Langleys/minute
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.82	.93	1.24	1.35	1.51	.84	1.47	1.39	1.30		.92	.63
2	.79	.95	.88	1.08	1.49	1.54	1.48	1.41	1.36		.93	.80
3	.42	.94	1.11	1.36	1.47	1.52	1.48	1.20	1.38		.92	.75
4	.80	.88	1.17	1.41	1.47	1.51	1.20	1.29	1.29		.86	.75
5	.80	.94	1.15	1.36	1.49	1.52	1.29	1.43	.37		.91	.75
6	.79	.91	.75	.58	1.47	1.49	1.39	1.47	1.29		.19	.75
7	.79	.86	.75	.52	1.47	1.51	1.45	1.46	1.30		.79	.74
8	.80	1.00	1.20	.48	.94	1.50	1.35	1.46	1.33		.89	.80
9	.77	1.01	1.14	1.16	.70	1.49	1.44	1.45	1.32		.88	.74
10	.83	1.01	1.13	1.39	1.07	1.49	1.38	1.40	1.23		.85	.74
11	.30	1.01	1.22	1.35	1.24	1.48	1.09	1.42	.58	1.05	.59	.70
12	.80	1.02	1.22	1.37	1.46	1.50	1.23	1.35	1.36	1.07	.80	.19
13	.82	.98	1.22	1.22	1.48	1.59	1.33	1.35	1.11	1.05	.49	.81
14	.81	.99	1.19	1.34	1.47	1.48	1.47	1.34	.97	1.05	.82	
15	.81	.86	1.10	1.39	1.49	1.49	1.48	1.27	1.22	1.04	.83	.60
16	.78	.97	.83	1.39	1.32	1.48	1.50	1.41	1.11	1.02	.80	.72
17	.82	.99	.49	1.39	.79	1.39	1.48	1.37		1.02	.77	.73
18	.86	.70	1.21	1.05	1.03	1.44	1.24	1.38		1.01	.81	.42
19	.84	.12	1.00	1.42	1.05	1.47	1.32	1.37		1.03	.72	.69
20	.84	.40	.55	1.35	1.21	1.47	1.45	1.36		1.01	.65	.72
21	.85	1.01	.93	1.44	1.45	1.49	1.49	1.30		1.00	.46	.72
22	.89	1.09	1.33	1.42	1.06	1.49	1.50	1.34		.99	.77	.67
23	.91	1.07	1.29	1.52	1.42	1.48	1.48	1.36		.99	.75	.72
24	.82	1.02	1.10	1.43	1.34	1.51	1.17	1.34		.93	.72	.70
25	.88	.84	1.20	1.42	1.48	1.52	1.40	1.32		.95	.78	.73
26	.89	.20	.38	1.46	1.48	1.51	.35	1.32		.97	.78	.74
27	.89	.93	1.31	1.46	1.48	1.51	1.28	1.27		.96	.78	.73
28	.90	1.15	1.31	1.44	1.47	1.45	1.43	1.30		.96	.62	.72
29	.91		1.32	1.47	1.49	1.21	1.41	1.31		.94	.77	.72
30	.66		1.31	1.47	1.48	1.46	1.24	1.28		.94	.77	.70
31	.97		1.32		1.16		1.10	1.32		.93		.74
NO.:	31	28	31	30	31	30	31	31	16	21	30	30
MAX:	.97	1.15	1.33	1.52	1.51	1.59	1.50	1.47	1.38	1.07	.93	.81
MEAN:	.802	.885	1.076	1.283	1.320	1.461	1.335	1.356	1.158	.996	.754	.697
ANNUAL OBSERVATIONS:	340		ANNUAL MEAN:	1.096	ANNUAL MAX:	1.59						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(65102) Rain/melt precipitation

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (011) BUCKET CONTINUOUS OR INCREMENTAL
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Inches (rainfall)
 MIN DETECTABLE: .01

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
3	.00	.00	.00	.00	.00	.00	.00	.02	.00	.04	.00	.00
4	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.01	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.01	.00
6	.00	.00	.00	.00	.00	.00	.14	.00	.00	.06	.03	.00
7	.00	.00	.11	.07	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.08	.05	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.02	.11	.00	.00	.00	.02	.00	.00	.00
10	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.10	.00	.19	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.31	.00	.00	.04
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
14	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.04	.15	.00	.00	.00	.00	.00	.00	.00
19	.00	.10	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00
20	.00	.01	.00	.00	.05	.00	.00	.00	.00	.00	.01	.04
21	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.05	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.06	.10	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00
26	.00	.14	.09	.00	.00	.00	.04	.01	.00	.00	.00	.00
27	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	0.00	.14	.11	.10	.15	.01	.14	.02	.31	.33	.05	.04
MEAN:	0.000	.010	.011	.010	.016	0.000	.013	.001	.021	.015	.004	.005
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:		.009		ANNUAL MAX:		.33			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88101) PM2.5 - Local Conditions

SITE ID: 49-053-0130 POC: 1
 COUNTY: (053) Washington
 CITY: (00000) Not in a city
 SITE ADDRESS: ZION NATIONAL PARK, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (014) FOUR CORNERS
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: DESERT
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 37.1983
 LONGITUDE: -113.1506
 UTM ZONE: 12
 UTM NORTHING: 4118833.39
 UTM EASTING: 309129.29
 ELEVATION-MSL: 1213
 PROBE HEIGHT:

SUPPORT AGENCY: (0745) National Park Service
 MONITOR TYPE: NON-EPA FEDERAL
 COLLECTION AND ANALYSIS METHOD: (170) Met One BAM-1020 Mass Monitor w/VS
 PQAO: (0745) National Park Service

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	4.7	8.0	4.7	7.1	6.3	10.1	17.7	10.8	10.2	9.9	8.5	27.4
2	6.1	6.8	5.4	7.8	6.9	10.0	13.4	9.9	8.0	9.6	6.4	11.2
3	7.8	6.3	6.1	7.5	7.1	7.4	29.2	12.4	8.7	10.1	7.0	8.8
4	7.6	5.4	9.7	8.0	11.4	8.8	11.7	19.9	13.7	9.6	7.1	8.0
5	9.3		5.8	5.3	6.4	8.8	12.7	8.6	11.0	5.7	7.4	7.6
6	7.0		5.3	6.8	10.6	12.2	13.5	7.2	16.2	8.8	7.0	7.2
7	4.6		6.1	9.7	12.5	5.0	12.1	9.3	14.1	6.9	7.5	8.7
8	7.0	5.6	7.8	8.3	10.3	9.1	9.4	8.6	14.7	8.6	7.7	7.9
9	10.7	6.8	6.0	7.0	10.2	9.1	11.5	16.5	14.2	7.6	8.7	9.6
10	6.8	6.1	7.5	7.5	6.1	9.6	13.9	8.8	11.8	7.2	8.2	5.6
11	4.4	5.9	6.3	7.1	6.5	10.8	15.0	9.4	13.4	7.2	8.4	6.2
12	6.1	5.1	6.1	7.2	7.9	9.9	13.0	10.3	11.5	8.3	7.0	7.7
13	6.3	7.3	7.2	21.1	7.8	8.8		11.2	9.1	10.9	9.1	6.9
14	6.8	4.6	8.0	36.8	11.8	7.4		17.3	10.9	9.5	10.4	
15	5.4	6.3	7.0	17.2	10.6	8.3		12.5	9.8	6.9	16.9	7.5
16	7.1	8.8	7.0		6.0	27.7		9.1	11.1	16.0	17.6	10.4
17	5.1	6.1	30.0		7.7	15.4		10.4	12.4	8.1	10.0	10.6
18	5.8	4.9	26.8		6.7	12.2		11.7	10.2	6.6	8.6	13.1
19	6.6	6.8	25.3	5.3	4.3	7.0	11.3	26.2	7.6	8.8	8.2	10.2
20	5.4	6.6	19.9	7.4	8.8	8.4	8.1	16.9	10.0	7.0	11.3	17.4
21	5.9	8.1	18.5	7.5	9.3	7.6	8.6	17.0	8.1	6.8	6.8	8.6
22	5.6	7.1	7.1	9.4	10.3	7.8	5.1	10.4	5.6	6.4	10.1	7.1
23	5.4	6.6	5.9	6.5	11.5	8.0		21.8	10.5	8.1	6.7	8.9
24	5.1	8.5	10.5	10.6	8.7	9.9		12.5	8.3	10.2	9.7	11.0
25	6.3	8.8	21.6	9.9	8.2	7.8		19.9	8.1	11.6	10.3	7.1
26	6.3	6.8	7.3	32.6	10.0	7.2		11.9	9.2	10.3	8.1	14.0
27	5.6	5.2	9.3	8.2	9.4	10.2		20.4	8.3	12.7	7.2	5.8
28	5.8	8.3	5.6	7.5	9.4	16.3		16.2	11.2	7.6	6.1	8.8
29	7.1		5.3	11.6	8.4	14.1	11.0	17.0	12.0	9.6	8.6	6.0
30	5.8		8.3	7.1	5.0	16.6	9.9	11.9	7.9	38.4	9.8	7.7
31			6.8		7.0		10.5	12.1		8.9		9.1
NO.:	30	25	31	27	31	30	19	31	30	31	30	30
MAX:	10.7	8.8	30.0	36.8	12.5	27.7	29.2	26.2	16.2	38.4	17.6	27.4
MEAN:	6.32	6.67	10.14	10.67	8.49	10.38	12.51	13.49	10.59	9.80	8.88	9.54
ANNUAL OBSERVATIONS:	345		ANNUAL MEAN:	9.75	ANNUAL MAX:	38.4						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42601) Nitric oxide (NO)

SITE ID: 49-057-0002 POC: 1
 COUNTY: (057) Weber
 CITY: (55980) Ogden
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-43-9
 LATITUDE: 41.206389
 LONGITUDE: -111.974722
 UTM ZONE: 12
 UTM NORTHING: 4561914
 UTM EASTING: 418278
 ELEVATION-MSL: 1316
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE
 PQAQ: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	41.0	7.0	91.0	161.0	24.0	5.0	18.0	1.0	39.0	20.0	5.0	1.0
2	58.0	36.0	85.0	40.0	3.0	3.0	13.0	17.0	30.0	32.0	69.0	60.0
3	128.0	41.0	53.0	.0	20.0	23.0	5.0	8.0	15.0	75.0	88.0	90.0
4	99.0	95.0	112.0	20.0	51.0	10.0	18.0	28.0	9.0	25.0	4.0	69.0
5	123.0	99.0	66.0	35.0	31.0	12.0	8.0	17.0	4.0	2.0	5.0	75.0
6	116.0	44.0	7.0	59.0	54.0	47.0	13.0	9.0	8.0	4.0	12.0	106.0
7	19.0	63.0	37.0	14.0	47.0	9.0	13.0	7.0	27.0	6.0	20.0	173.0
8	46.0	9.0	59.0	34.0	1.0	20.0	23.0	14.0	13.0	28.0	119.0	162.0
9	61.0	49.0	122.0	8.0	3.0	5.0	7.0	33.0	4.0	24.0	97.0	182.0
10	53.0	108.0	98.0	16.0	4.0	24.0	3.0	19.0	18.0	83.0	126.0	155.0
11	81.0	141.0	8.0	62.0	40.0	6.0	10.0	15.0	8.0	17.0	164.0	116.0
12	49.0	105.0	12.0	14.0	52.0	3.0	17.0	20.0	40.0	3.0	51.0	228.0
13	171.0	80.0	23.0	72.0	30.0	18.0	1.0	10.0	53.0		46.0	69.0
14	123.0	195.0	62.0	12.0	1.0	20.0	18.0	2.0	48.0	83.0	75.0	81.0
15	158.0	126.0	87.0	58.0	.0	21.0	26.0	7.0	43.0	73.0	65.0	67.0
16	152.0	2.0	119.0	7.0	1.0	4.0	8.0	17.0	16.0	26.0	136.0	113.0
17	55.0	95.0	55.0	1.0	5.0	15.0	4.0	15.0	21.0	31.0	54.0	116.0
18	140.0	175.0	44.0	9.0	7.0	12.0	4.0	29.0	15.0	87.0	14.0	19.0
19	29.0	9.0	1.0	10.0	7.0	2.0	11.0	19.0	64.0	91.0	79.0	31.0
20	125.0	6.0	3.0	30.0	6.0	30.0	12.0	5.0	71.0	105.0	56.0	49.0
21	64.0	43.0	64.0	64.0	16.0	17.0	19.0	6.0	66.0	76.0	147.0	74.0
22	18.0	49.0	22.0	15.0	8.0	19.0	18.0	29.0	51.0	51.0	149.0	95.0
23	54.0	85.0	81.0	11.0	7.0	18.0	10.0	23.0	73.0	29.0	184.0	172.0
24	153.0	72.0	1.0	5.0	3.0	16.0	5.0	31.0	30.0	108.0	86.0	124.0
25	68.0	37.0	6.0	2.0	27.0	9.0	16.0	18.0	14.0	29.0	30.0	127.0
26	111.0	20.0	35.0	2.0	1.0	2.0	26.0	12.0	30.0	43.0	95.0	141.0
27	165.0	29.0	2.0	30.0	12.0	13.0	20.0	8.0	86.0	77.0	99.0	161.0
28	23.0	107.0	23.0	37.0	2.0	58.0	13.0	2.0	75.0	136.0	130.0	172.0
29	29.0		75.0	2.0	1.0	3.0	18.0	17.0	33.0	82.0	168.0	184.0
30	13.0		34.0	27.0	21.0	9.0	6.0	33.0	74.0	42.0	118.0	85.0
31	86.0		44.0		39.0		2.0	1.0		103.0		107.0
NO.:	31	28	31	30	31	30	31	31	30	29	30	31
MAX:	171.0	195.0	122.0	161.0	54.0	58.0	26.0	33.0	86.0	136.0	184.0	228.0
MEAN:	84.23	68.82	49.39	28.57	16.90	15.10	12.42	15.23	35.93	54.76	83.03	109.81
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	47.72	ANNUAL MAX:	228.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(42603) Oxides of nitrogen (NOx)

SITE ID: 49-057-0002 POC: 1
 COUNTY: (057) Weber
 CITY: (55980) Ogden
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 11104-93-1
 LATITUDE: 41.206389
 LONGITUDE: -111.974722
 UTM ZONE: 12
 UTM NORTHING: 4561914
 UTM EASTING: 418278
 ELEVATION-MSL: 1316
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 10

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	85.0	16.0	134.0	200.0	55.0	29.0	39.0	17.0	68.0	43.0	18.0	17.0
2	106.0	80.0	135.0	72.0	40.0	19.0	53.0	36.0	57.0	64.0	99.0	94.0
3	177.0	86.0	91.0	14.0	55.0	46.0	27.0	31.0	48.0	104.0	126.0	125.0
4	150.0	141.0	150.0	60.0	86.0	51.0	51.0	54.0	41.0	49.0	16.0	103.0
5	176.0	144.0	105.0	72.0	71.0	44.0	32.0	46.0	26.0	8.0	18.0	112.0
6	164.0	75.0	39.0	94.0	90.0	74.0	33.0	27.0	32.0	18.0	43.0	139.0
7	66.0	106.0	75.0	44.0	81.0	37.0	39.0	37.0	54.0	31.0	43.0	211.0
8	84.0	20.0	100.0	75.0	18.0	41.0	48.0	42.0	43.0	46.0	153.0	202.0
9	102.0	88.0	164.0	33.0	18.0	34.0	22.0	64.0	23.0	42.0	130.0	222.0
10	87.0	145.0	137.0	57.0	25.0	46.0	14.0	45.0	44.0	106.0	160.0	198.0
11	120.0	178.0	48.0	97.0	65.0	21.0	28.0	43.0	23.0	46.0	202.0	152.0
12	83.0	145.0	35.0	48.0	82.0	29.0	38.0	46.0	66.0	92.0	92.0	273.0
13	216.0	118.0	63.0	109.0	52.0	44.0	8.0	28.0	83.0		74.0	102.0
14	165.0	250.0	105.0	51.0	9.0	38.0	53.0	30.0	79.0	105.0	115.0	118.0
15	206.0	169.0	125.0	99.0	5.0	45.0	47.0	22.0	71.0	103.0	101.0	99.0
16	201.0	15.0	155.0	47.0	8.0	37.0	35.0	39.0	51.0	51.0	173.0	146.0
17	82.0	145.0	98.0	21.0	21.0	40.0	28.0	48.0	51.0	55.0	87.0	154.0
18	183.0	241.0	85.0	38.0	21.0	29.0	26.0	54.0	43.0	112.0	39.0	40.0
19	63.0	45.0	7.0	43.0	29.0	14.0	39.0	47.0	89.0	119.0	113.0	62.0
20	163.0	14.0	26.0	63.0	29.0	44.0	40.0	40.0	94.0	130.0	89.0	77.0
21	106.0	77.0	113.0	98.0	42.0	38.0	44.0	40.0	91.0	100.0	172.0	107.0
22	54.0	90.0	59.0	56.0	39.0	49.0	45.0	58.0	74.0	79.0	181.0	128.0
23	86.0	135.0	120.0	48.0	27.0	44.0	43.0	61.0	102.0	58.0	218.0	205.0
24	191.0	116.0	17.0	33.0	21.0	35.0	41.0	62.0	71.0	143.0	115.0	155.0
25	113.0	49.0	31.0	15.0	50.0	30.0	43.0	48.0	48.0	60.0	62.0	161.0
26	142.0	48.0	74.0	26.0	27.0	13.0	62.0	39.0	62.0	70.0	126.0	176.0
27	203.0	71.0	28.0	63.0	47.0	46.0	43.0	42.0	114.0	112.0	131.0	194.0
28	51.0	151.0	58.0	75.0	24.0	98.0	38.0	21.0	103.0	173.0	163.0	211.0
29	54.0		112.0	13.0	8.0	15.0	45.0	39.0	70.0	119.0	203.0	217.0
30	40.0		65.0	65.0	53.0	27.0	29.0	64.0	102.0	69.0	155.0	113.0
31	125.0		75.0		65.0		24.0	22.0		135.0		137.0
NO.:	31	28	31	30	31	30	31	31	30	29	30	31
MAX:	216.0	250.0	164.0	200.0	90.0	98.0	62.0	64.0	114.0	173.0	218.0	273.0
MEAN:	124.00	105.64	84.81	60.97	40.74	38.57	37.32	41.68	64.10	81.03	113.90	143.55
ANNUAL OBSERVATIONS:	363		ANNUAL MEAN:	77.88	ANNUAL MAX:	273.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-057-0002 POC: 1
 COUNTY: (057) Weber
 CITY: (55980) Ogden
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.206389
 LONGITUDE: -111.974722
 UTM ZONE: 12
 UTM NORTHING: 4561914
 UTM EASTING: 418278
 ELEVATION-MSL: 1316
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	7.1	19.5	5.3	5.4	11.5	12.7	5.0	6.7	4.3	8.1	8.1	17.3
2	6.3	5.9	6.5	10.3	6.3	10.7	4.7	7.8	4.4	6.9	6.0	4.9
3	4.6	3.7	8.1	8.6	11.4	5.2	7.4	6.2	4.0	8.0	5.6	10.7
4	3.2	2.9	5.3	8.5	6.0	4.9	8.3	6.6	3.9	7.1	12.0	16.8
5	3.8	6.3	10.7	10.8	7.0	9.5	8.9	5.7	6.3	11.3	5.4	12.4
6	4.8	5.4	7.6	13.1	6.7	12.0	4.6	6.7	8.0	6.9	6.6	3.6
7	3.6	13.3	6.0	11.5	4.5	5.5	5.4	5.5	12.4	5.7	6.5	3.6
8	3.4	11.8	8.1	7.0	8.2	12.2	5.4	5.6	8.2	5.7	3.6	4.2
9	3.7	4.3	7.8	4.4	8.0	7.1	8.9	6.3	14.1	4.5	3.3	3.4
10	5.5	5.6	15.3	7.6	5.1	6.5	11.4	4.3	8.9	7.7	3.8	4.0
11	6.2	3.2	6.0	5.6	6.3	4.8	9.9	5.1	9.4	6.2	2.6	3.3
12	4.9	6.2	5.9	7.3	4.7	9.9	6.9	4.2	6.4	9.3	9.3	3.0
13	4.3	6.1	5.4	13.5	9.5	6.3	10.2	11.3	3.9	3.4	6.0	3.6
14	3.1	11.3	5.0	6.0	10.8	5.4	11.3	8.9	6.5	3.0	6.9	3.8
15	3.0	10.8	7.6	5.7	14.7	5.7	7.3	10.1	5.6	4.1	6.5	4.5
16	5.2	18.5	11.2	7.3	8.2	12.2	8.9	6.8	6.9	8.9	4.9	4.1
17	5.6	6.9	4.7	7.6	6.3	4.4	7.6	4.6	5.6	4.9	9.2	4.2
18	8.6	8.0	8.7	5.8	6.9	6.3	7.6	3.9	4.3	3.7	10.7	3.9
19	8.2	8.7	12.1	7.4	10.0	6.0	12.4	5.0	5.3	3.9	6.2	3.7
20	5.6	7.8	8.6	7.8	4.4	5.1	4.9	6.1	4.4	3.9	3.8	4.0
21	4.1	4.2	15.3	12.4	7.1	5.6	4.5	4.7	4.1	4.1	4.7	6.9
22	8.1	8.3	9.5	5.5	8.4	4.1	5.6	5.9	3.5	4.2	6.0	6.9
23	5.4	5.6	10.5	5.6	10.0	5.7	4.9	4.8	3.2	3.0	6.1	3.3
24	3.9	5.3	11.5	6.6	5.9	5.6	4.3	4.3	3.1	4.7	6.7	4.9
25	3.1	16.0	10.2	7.6	10.6	5.1	9.7	8.6	5.5	4.4	13.2	3.5
26	3.7	4.1	10.3	8.5	13.0	6.9	8.2	7.1	4.3	8.2	5.6	3.5
27	4.3	5.7	8.0	6.4	6.9	5.6	6.4	5.7	3.1	3.7	3.4	4.2
28	4.9	7.1	8.2	10.9	6.3	13.7	5.5	10.9	4.0	3.7	4.4	3.0
29	4.5		5.6	9.6	5.2	8.0	4.8	7.0	4.1	3.4	4.3	4.9
30	4.5		7.4	7.0	9.2	6.7	5.8	11.1	4.3	4.0	7.0	12.2
31	9.3		8.1		10.8		6.3	13.5		4.5		8.8
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	9.3	19.5	15.3	13.5	14.7	13.7	12.4	13.5	14.1	11.3	13.2	17.3
MEAN:	5.05	7.95	8.40	8.04	8.06	7.31	7.19	6.81	5.73	5.34	6.28	5.84
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	6.83	ANNUAL MAX:	19.5						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-057-0002 POC: 1
 COUNTY: (057) Weber
 CITY: (55980) Ogden
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.206389
 LONGITUDE: -111.974722
 UTM ZONE: 12
 UTM NORTHING: 4561914
 UTM EASTING: 418278
 ELEVATION-MSL: 1316
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	230	353	336	293	346	318	348	351	357	226	353	353
2	334	353	342	349	250	328	337	341	286	335	350	349
3	346	348	351	348	357	352	285	347	340	258	344	355
4	354	332	349	324	319	345	278	329	350	350	352	350
5	337	353	350	354	298	326	293	332	350	302	357	321
6	331	336	358	240	350	309	334	335	357	336	241	346
7	348	349	349	353	330	344	356	360	328	300	348	348
8	348	344	354	353	359	359	340	338	340	342	339	322
9	355	351	336	324	360	358	357	306	333	305	330	335
10	276	265	346	347	345	350	360	333	286	278	358	348
11	341	308	357	327	327	348	202	325	220	353	311	331
12	356	306	338	347	330	335	289	349	321	354	353	347
13	314	348	270	345	348	349	294	351	323	354	340	353
14	348	355	337	346	312	318	221	360	265	260	253	308
15	346	330	333	339	346	357	339	346	305	342	360	346
16	345	343	346	265	360	343	273	340	335	341	254	343
17	352	315	322	358	334	344	321	289	349	352	359	317
18	272	350	316	352	319	347	334	313	275	354	340	330
19	353	327	309	351	339	360	343	359	334	341	316	337
20	276	339	358	357	347	282	351	269	350	270	324	340
21	347	359	296	352	279	285	289	326	349	317	359	355
22	353	355	306	356	357	329	298	338	321	338	351	348
23	262	340	201	319	291	357	359	346	336	332	358	341
24	350	354	301	310	346	352	354	353	276	346	351	353
25	353	351	347	350	265	340	319	288	324	351	354	359
26	321	344	295	348	355	347	303	333	330	337	352	337
27	319	325	355	261	307	341	274	300	303	283	340	328
28	356	338	347	343	337	324	336	348	341	351	352	353
29	335		282	358	353	331	356	300	356	325	354	341
30	349		236	345	338	282	333	252	354	353	346	345
31	358		284		332		322	301		332		350
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	358.	359.	358.	358.	360.	360.	360.	360.	357.	354.	360.	359.
MEAN:	331.1	338.3	322.8	333.8	330.2	335.3	316.1	327.7	323.1	323.2	336.6	341.6
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		329.9		ANNUAL MAX:		360.			

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(88502) Acceptable PM2.5 AQI & Speciation

SITE ID: 49-057-0002 POC: 3
 COUNTY: (057) Weber
 CITY: (55980) Ogden
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.
 MONITOR COMMENTS: FDMS CONTINUOUS MONITOR

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:
 LATITUDE: 41.206389
 LONGITUDE: -111.974722
 UTM ZONE: 12
 UTM NORTHING: 4561914
 UTM EASTING: 418278
 ELEVATION-MSL: 1316
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (760) PM2.5 SCC FDMS-Gravimetric
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Micrograms/cubic meter (LC)
 MIN DETECTABLE: .06

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	19.5	7.5	26.2	20.7	11.2	13.7	49.2	2.1	21.6	4.8	6.2	
2	23.9	14.9	21.2	16.6	13.3	11.0	116.0	9.9	3.1	6.0	18.6	
3	34.2	16.7	13.3	8.0	12.9	15.0	45.6	7.5	1.3	7.2	45.2	15.4
4	53.1	35.0	17.9	7.7	10.4	26.9	555.0	9.5		4.8	3.5	10.4
5	65.7	34.8	18.6	9.6	12.7	15.9	21.9	5.3		1.7	5.3	15.9
6	70.2	11.1	10.6	14.3	17.1	22.5	28.5	8.5		3.1	6.7	22.4
7	82.0	13.0	18.2	12.3	23.2	17.5	19.6	9.8		6.1	4.7	24.3
8	69.6	8.5	16.8	15.1	12.7	14.8	18.5	16.5		9.4	22.7	40.9
9	66.1	14.8	16.2	13.2	6.7	16.7	14.0	19.4		10.4	19.6	51.0
10	20.5	19.8	12.5	11.8	9.9	9.2	17.3	7.2		8.0	26.1	42.5
11	22.5	22.9	9.3	12.6	13.4	16.5	18.6	8.9		2.0	32.6	32.7
12	35.8	22.9	12.5	12.5	21.1	12.6	14.1	11.9		22.2	21.5	40.4
13	86.6	20.0	16.0	12.6	14.8	17.6	17.3	18.1		25.2	11.6	31.8
14	65.5	15.8	11.7	13.5	12.7	11.0	13.7	7.8	7.3	10.4	11.4	32.4
15	75.6	12.7	24.5	23.9	32.6	10.7	20.2	9.6	9.0	22.6	9.2	26.4
16	77.5	18.1	11.8	24.5	19.3	16.2	13.7	23.6	8.9	6.0	11.2	30.0
17	10.4	11.4	10.7	14.0	15.1	16.6	18.9	10.8	20.9	5.0	18.8	36.8
18	13.6	14.7	22.0	7.9	5.9	16.3	16.4	9.0	11.4	8.8		38.2
19	10.6	9.0	22.4	11.9	13.2	10.0	13.3	12.8	7.1	5.8		33.6
20	20.6	9.1	13.9	11.5	11.0	10.5	16.0	12.4	7.0	6.0		31.7
21	20.7	17.6	18.4	11.9	15.5	13.0	13.1	1.4	6.2	10.9		33.8
22	10.3	14.4	8.9	17.8	16.0	15.3	16.8		5.4	8.9		13.0
23	18.9	13.3	15.4	18.2	10.4	17.0	42.4		11.4	6.1		22.4
24	22.4	15.7	9.5	15.5	14.4	14.6	103.7		15.1	4.9		33.4
25	25.0	11.8	9.9	10.4	16.9	24.4	40.6		9.9	6.0		49.0
26	31.9	18.0	8.1	10.4	23.5	9.9	17.6	4.1	5.2	14.2		51.1
27	39.5	14.6	8.2	11.2	8.8	23.8	10.4	6.7	7.0	14.3		57.4
28	43.6	18.0	12.6	7.1	11.6	18.6	7.5	6.1	5.9	22.7		35.6
29	43.7		9.5	7.4	6.6	21.6	8.4	6.9	14.8	19.2		28.1
30	43.0		16.5	9.3	8.5	12.1	11.4	6.4	7.3	16.2		25.9
31	26.5		14.2		15.6		1.4	19.5		9.2		22.1
NO.:	31	28	31	30	31	30	31	27	20	31	17	29
MAX:	86.6	35.0	26.2	24.5	32.6	26.9	555.0	23.6	21.6	25.2	45.2	57.4
MEAN:	40.29	16.29	14.76	13.11	14.10	15.72	42.62	10.06	9.29	9.94	16.17	32.02
ANNUAL OBSERVATIONS:	336		ANNUAL MEAN:	20.10	ANNUAL MAX:	555.0						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61101) Wind Speed - Scalar

SITE ID: 49-057-1003 POC: 1
 COUNTY: (057) Weber
 CITY: (00000) Not in a city
 SITE ADDRESS: 425 W 2550 NORTH, OGDEN, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.303683
 LONGITUDE: -111.987067
 UTM ZONE: 12
 UTM NORTHING: 4572719
 UTM EASTING: 417376
 ELEVATION-MSL: 1331
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Knots
 MIN DETECTABLE: .6

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	3.4	17.6	5.6	6.2	15.0	13.1	7.1	10.0	9.6	6.6	11.2	22.5
2	4.5	8.5	10.4	12.5	6.9	10.0	6.0	9.6	4.9	6.8	5.1	19.4
3	4.8	4.5	8.7	11.5	15.5	6.7	6.3	11.2	4.4	8.2	4.6	9.9
4	3.6	3.5	5.6	8.0	9.0	13.5	11.0	8.2	5.8	7.6	12.9	14.9
5	4.0	12.5	5.6	13.3	4.4	8.7	12.8	9.5	8.5	12.4	8.3	14.7
6	3.8	5.3	4.6	12.0	8.1	13.1	4.7	9.3	10.4	10.7	6.2	4.5
7	4.0	19.7	13.5	8.2	4.3	7.1	6.3	9.2	15.0	5.8	8.2	3.9
8	3.5	14.9	10.4	5.6	11.4	17.8	8.8	8.5	15.4	4.9	4.8	4.0
9	4.5	8.9	4.7	6.8	10.9	7.5	8.6	6.7	15.0	4.9	3.7	4.4
10	3.0	5.2	14.1	7.5	5.9	8.3	17.5	5.9	10.9	8.0	4.7	3.9
11	4.6	3.7	8.6	6.3	8.0	8.3	10.5	9.9	7.9	10.3	3.4	4.4
12	3.6	4.1	9.0	6.8	4.3	10.3	8.7	7.8	6.6	5.5	13.6	4.4
13	7.4	4.5	5.6	16.8	10.7	7.3	11.3	15.5	4.5	4.3	6.7	4.3
14	3.6	10.6	4.9	10.1	19.5	5.9	12.2	12.9	9.9	5.2	8.2	3.6
15	3.8	10.2	5.6	6.4	20.6	7.4	7.3	16.2	12.0	4.9	7.3	3.9
16	3.9	20.7	12.9	8.2	9.6	16.6	10.2	5.9	6.8	12.6	4.6	4.3
17	4.8	6.8	9.6	6.9	6.5	6.6	10.9	7.6	6.4	6.3	4.5	4.7
18	3.1	5.2	11.6	7.7	9.7	10.2	10.9	5.5	4.8	4.0	6.7	4.3
19	13.1	11.5	11.0	9.7	6.8	7.6	13.5	8.4	6.1	3.8	6.0	4.2
20	4.0	7.7	9.3	6.1	5.5	5.1	5.7	9.5	6.0	4.7	3.5	4.9
21	3.1	4.2	13.3	15.5	8.3	6.8	5.8	5.9	4.5	4.3	3.8	8.1
22	10.5	9.1	9.6	9.7	7.6	5.1	8.5	6.4	5.0	5.4	4.6	9.5
23	4.1	6.5	14.1	11.6	8.1	5.6	4.9	5.1	4.2	4.4	4.5	5.0
24	4.2	6.5	13.0	6.7	8.5	8.2	6.0	5.2	4.6	5.4	4.3	3.3
25	5.2	14.2	6.8	9.8	8.3	5.9	9.8	7.2	5.6	7.0	15.9	5.6
26	4.2	6.1	10.2	11.3	17.0	10.0	8.9	8.5	5.5	10.2	13.3	4.5
27	5.1	7.4	7.3	7.3	7.7	8.7	4.9	5.9	5.5	5.2	3.9	3.9
28	6.7	5.6	10.9	12.3	7.3	13.7	4.8	11.8	3.4	3.4	4.5	4.3
29	5.7		6.5	13.4	5.7	11.5	5.2	9.6	11.4	3.5	5.2	4.5
30	4.8		5.1	8.2	7.6	8.9	6.9	6.9	5.6	4.1	8.9	22.7
31	10.1		10.3		10.9		8.4	14.0		4.6		11.5
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	13.1	20.7	14.1	16.8	20.6	17.8	17.5	16.2	15.4	12.6	15.9	22.7
MEAN:	4.99	8.76	8.98	9.41	9.34	9.18	8.53	8.83	7.54	6.29	6.77	7.35
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:	7.99	ANNUAL MAX:	22.7						

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA MAX VALUES REPORT

Aug. 23, 2012

(61102) Wind Direction - Scalar

SITE ID: 49-057-1003 POC: 1
 COUNTY: (057) Weber
 CITY: (00000) Not in a city
 SITE ADDRESS: 425 W 2550 NORTH, OGDEN, UTAH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (49) Utah
 AQCR: (220) WASATCH FRONT
 URBANIZED AREA: (5840) OGDEN, UT
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER:
 LATITUDE: 41.303683
 LONGITUDE: -111.987067
 UTM ZONE: 12
 UTM NORTHING: 4572719
 UTM EASTING: 417376
 ELEVATION-MSL: 1331
 PROBE HEIGHT: 10

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality
 MONITOR TYPE: OTHER
 COLLECTION AND ANALYSIS METHOD: (050) INSTRUMENTAL ELECTRONIC OR MACHINE
 PQAO: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2011

DURATION: 1 HOUR
 UNITS: Degrees Compass
 MIN DETECTABLE: 1

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	344	238	351	244	352	191	359	356	343	247	341	356
2	345	347	316	347	353	353	350	349	342	310	336	355
3	292	292	348	347	346	339	360	246	349	326	358	339
4	316	351	305	271	325	313	353	338	347	351	338	357
5	339	340	340	359	346	356	159	341	328	325	355	317
6	357	307	357	301	318	320	339	357	339	340	322	320
7	326	354	328	345	353	360	344	338	312	312	340	339
8	316	307	356	352	329	351	307	338	315	355	345	339
9	358	340	215	309	356	339	282	338	152	350	359	316
10	330	306	322	291	354	360	354	355	301	301	357	301
11	360	340	330	336	358	350	254	312	314	353	357	342
12	339	359	353	360	343	342	339	356	352	262	324	342
13	357	306	317	335	359	337	342	329	358	341	350	337
14	346	348	354	338	283	360	250	327	336	355	341	334
15	300	352	304	358	316	350	351	347	326	348	318	355
16	345	348	343	344	348	327	346	354	327	354	328	354
17	346	352	323	342	330	337	350	334	335	331	334	313
18	355	349	258	345	315	339	322	354	345	353	346	329
19	345	359	309	337	326	352	352	354	334	353	356	341
20	350	351	208	320	315	303	341	348	337	338	344	330
21	335	356	266	326	260	323	340	346	358	352	337	326
22	344	360	325	354	348	348	301	325	355	345	337	284
23	334	335	322	315	283	341	343	354	256	343	351	359
24	304	350	310	333	310	355	353	353	358	354	336	344
25	345	360	287	351	226	357	338	353	351	354	337	329
26	331	308	347	355	334	340	340	320	347	325	349	343
27	347	302	342	261	356	358	325	281	348	352	350	341
28	322	324	352	323	314	304	294	333	349	317	314	305
29	350		360	344	320	341	351	359	357	258	354	346
30	359		353	311	348	359	349	346	338	353	360	347
31	340		358		252		306	353		357		324
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	360.	360.	360.	360.	359.	360.	360.	359.	358.	357.	360.	359.
MEAN:	338.0	333.6	321.3	328.5	325.0	336.8	325.6	338.5	330.3	332.7	342.5	334.3
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		332.2	ANNUAL MAX:		360.				

Note: A plus sign ("+") following a value indicates that the computed average includes one or more raw data values effected by a special event.