

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

Jun. 1, 2006

(42602) Nitrogen dioxide

SITE ID: 49-011-0001 POC: 1
COUNTY: (011) Davis
CITY: (07690) Bountiful
SITE ADDRESS: 65W 300S BOUNTIFUL UTAH
SITE COMMENTS: COMPLETE MONITORING STATION BEGAN 9-13-74
MONITOR COMMENTS: 14

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

CAS NUMBER: 10102-44-0
LATITUDE: 40.886389
LONGITUDE: -111.882222
UTM ZONE: 12
UTM NORTHING: 4526298
UTM EASTING: 425676
ELEVATION-MSL: 5
PROBE HEIGHT: 3

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

REPORT FOR: 2000

DURATION: 1 HOUR
UNITS: Parts per million
MIN DETECTABLE: .001

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1		.057	.032	.030	.042	.020	.026	.067	.020	.040	.035	.044
2		.061	.035	.038	.040	.031	.010	.065	.025	.030	.034	.055
3		.063	.043	.046	.049	.023	.010	.055	.042	.028	.037	.061
4		.060	.055	.044	.033	.032	.013	.041	.019	.036	.048	.052
5	.042	.054	.046	.032	.025	.043	.016	.026	.020	.038	.019	.059
6	.050	.045	.045	.023	.045	.047	.039	.036		.051	.037	.056
7	.048	.059	.037	.024	.030	.014	.021	.066		.028	.031	.055
8	.050	.068	.020	.057	.027	.022	.017	.035	.019	.034	.037	.067
9	.026	.051	.035	.032	.041	.013	.011	.048	.029	.044	.041	.046
10	.047	.053	.035	.027	.035	.039	.026	.046	.028	.041	.036	.036
11	.027	.036	.035		.013	.026	.052	.023	.027	.026	.030	.046
12	.040	.029	.034		.013	.041	.038	.031	.042	.043	.039	.041
13	.045	.040	.043		.023	.019	.028	.030	.055	.031	.053	.044
14	.047	.020	.050		.042	.031	.015	.036	.043	.033	.042	.039
15	.049	.042	.034		.024	.028	.059	.056	.064	.026	.043	.036
16	.030	.043	.045		.017	.023	.020	.035	.027	.037	.034	.042
17	.034	.032	.023		.030	.014	.043	.041	.028	.038	.043	.037
18	.036	.049	.046	.016	.014	.030	.022	.045	.023	.055	.049	.033
19	.035	.043	.034	.031	.049	.023	.024	.035	.031	.061	.051	.046
20	.039	.041	.037	.041	.020	.014	.036	.022	.021	.060	.053	.048
21	.038	.037	.036	.044	.037	.046	.034	.033	.037	.023	.085	.055
22	.033	.037	.051	.025	.040	.036	.063	.047	.032	.022	.094	.060
23	.040	.044	.048	.028	.023	.025	.057	.044	.019	.034	.055	.071
24	.037	.030	.041	.022	.029	.024	.025	.037	.019	.037	.046	.044
25	.038	.041	.045	.042	.034	.017	.054	.051	.027	.033	.053	.050
26	.029	.045	.047	.043	.029	.025	.046	.032	.040	.037	.052	.053
27	.033	.045	.050	.033	.033	.045	.036	.043	.047	.036	.069	.058
28	.027	.033	.029	.013	.018	.035	.032	.035	.043	.031	.048	.122
29	.039	.045	.030	.018	.017	.054	.049	.046	.037	.026	.062	.110
30	.039		.018	.029	.043	.039	.040	.021	.039	.036	.035	.108
31	.042		.027		.022		.043	.035		.032		.094
NO.:	27	29	31	23	31	30	31	31	28	31	30	31
MAX:	.050	.068	.055	.057	.049	.054	.063	.067	.064	.061	.094	.122
MEAN:	.0385	.0449	.0383	.0321	.0302	.0293	.0324	.0407	.0323	.0364	.0464	.0570
ANNUAL OBSERVATIONS:	353		ANNUAL MEAN:	.0384		ANNUAL MAX:	.122					

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

AIR QUALITY SYSTEM

RAW DATA MAX VALUES REPORT

Jun. 1, 2006

(42602) Nitrogen dioxide

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: 10102-44-0
 LATITUDE: 40.646667
 LONGITUDE: -111.849722
 UTM ZONE: 12
 UTM NORTHING: 4499650
 UTM EASTING: 428153
 ELEVATION-MSL: 0
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

REPORTING ORG: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2000

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .001

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.059	.051	.036	.050		.058	.020	.053	.028	.039	.033	.052
2	.052	.063	.047	.044		.059	.009	.055	.042	.037	.044	.050
3	.050	.081	.051	.046		.052	.029	.043	.039	.038	.042	.054
4	.051	.054	.052	.044		.052	.050	.045	.024	.044	.046	.061
5	.047	.048	.039	.045		.048	.041	.044	.036	.041	.023	.063
6	.048	.049	.043	.043		.054	.053	.047	.037	.043	.037	.060
7	.054	.054	.046	.048		.033	.041	.045	.055	.044	.041	.060
8	.050	.048	.042	.056		.009	.017	.038	.039	.045	.038	.062
9	.042	.048	.043	.046		.037	.019	.048	.041	.045	.046	.040
10	.046	.039	.044	.036		.053	.030	.041	.057	.023	.045	.033
11	.018	.035	.038	.049	.018	.049	.046	.048	.040	.039	.046	.057
12	.041	.043	.044	.044	.040	.042	.057	.060	.046	.040	.044	.047
13	.074	.035	.048	.040	.050	.039	.049	.048	.056	.033	.049	.039
14	.049	.013	.048	.025	.044	.037	.050	.055	.060	.033	.046	.046
15	.060	.043	.048	.035	.040	.029	.049	.036	.058	.040	.040	.036
16	.033	.039	.049	.035	.041	.026	.045	.042	.045	.050	.047	.046
17	.036	.041	.043	.048	.024	.054	.048	.038	.030	.049	.047	.044
18	.028	.041	.049	.037	.044	.046	.028	.035	.040	.058	.053	.044
19	.038	.046	.042	.040	.044	.032	.044	.026	.028	.047	.060	.044
20	.039	.044	.048	.047	.046	.041	.047	.046	.040	.055	.073	.054
21	.040	.034	.049	.047	.038	.048	.044	.037	.034	.032	.090	.047
22	.038	.042	.057	.033	.040	.041	.052		.028	.025	.083	.052
23	.038	.032	.046	.022	.038	.034	.045	.036	.023	.030	.056	.049
24	.042	.027	.054	.045	.032	.032	.047	.053	.034	.039	.053	.042
25	.034	.043	.056	.055	.028	.034	.046	.043	.040	.040	.050	.040
26	.034	.044	.046	.043	.044	.028	.038	.034	.046	.035	.047	.047
27	.043	.036	.044	.066	.041	.043	.057	.038	.051	.037	.047	.060
28	.045	.043	.042	.042	.031	.050	.056	.040	.050	.031	.060	.064
29	.046	.047	.047		.030	.047	.062	.034	.044	.012	.048	.072
30	.043		.030		.048	.040	.056	.023	.043	.034	.047	.094
31	.043		.027		.039		.065	.038		.030		.067
NO.:	31	29	31	28	21	30	31	30	30	31	30	31
MAX:	.074	.081	.057	.066	.050	.059	.065	.060	.060	.058	.090	.094
MEAN:	.0439	.0436	.0451	.0433	.0381	.0416	.0432	.0423	.0411	.0383	.0494	.0525
ANNUAL OBSERVATIONS:	353		ANNUAL MEAN:	.0437		ANNUAL MAX:	.094					

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

Jun. 1, 2006

(42602) Nitrogen dioxide

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: 10102-44-0
LATITUDE: 40.736389
LONGITUDE: -111.872222
UTM ZONE: 12
UTM NORTHING: 4509639
UTM EASTING: 426359
ELEVATION-MSL: 0
PROBE HEIGHT: 4

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

REPORT FOR: 2000

DURATION: 1 HOUR
UNITS: Parts per million
MIN DETECTABLE: .001

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.058	.058	.041	.047	.061	.055	.055	.068	.033	.041	.039	.062
2	.053	.061	.042	.045	.043	.048	.045	.080	.049	.039	.042	.057
3	.050	.085	.054	.047	.063	.050	.020	.060	.047	.044	.046	.059
4	.049	.048	.056	.047	.042	.042	.063	.047	.045	.045	.050	.064
5	.049	.051	.046	.043	.034	.049	.043	.039	.043	.046	.022	.060
6	.048	.053	.046	.047	.042	.046	.061	.043	.044	.049	.041	.063
7	.059	.056	.048	.046	.025	.037	.049	.042	.061	.045	.045	.060
8	.055	.059	.044	.059	.034	.048	.040	.051	.042	.048	.038	.055
9	.046	.061	.044	.041	.035	.021	.026	.064	.051	.046	.044	.043
10	.048	.047	.046	.038	.040	.042	.031	.057	.063	.039	.046	.034
11	.038	.040	.042	.041	.032	.038	.043	.039	.043	.044	.047	.050
12	.047	.046	.041	.045	.029	.046	.046	.061	.047	.041	.046	.048
13	.062	.041	.046	.050	.035	.018	.052	.054	.066	.040	.048	.039
14	.052	.018	.043	.031	.044	.038	.050	.062	.076	.036	.045	.044
15	.067	.046	.025	.031	.051	.032	.045	.045	.069	.042	.040	.039
16	.034	.046	.047	.031	.040	.026	.021	.045	.055	.050	.042	.048
17	.042	.041	.043	.049	.036	.048	.062	.049	.041	.051	.043	.045
18	.036	.040	.046	.042	.037	.047	.033	.035	.041	.058	.048	.046
19	.040	.049	.046	.041	.037	.035	.039	.037	.026	.051	.065	.049
20	.041	.047	.049	.049	.037	.038	.047	.032	.048	.053	.068	.097
21	.054	.030	.033	.058	.033	.040	.049	.052	.044	.041	.079	.048
22	.039	.043	.059	.039	.049	.052	.035	.047	.032	.027	.102	.051
23	.041	.034	.053	.029	.029	.041	.049	.040	.023	.027	.054	.054
24	.046	.037	.053	.037	.035	.023	.044	.054	.025	.040	.053	.053
25	.037	.054	.060	.054	.032	.024	.059	.048	.045	.038	.051	.040
26	.036	.048	.048	.044	.032	.021	.066	.029	.054	.038	.058	.051
27	.044	.043	.045	.066	.041	.028	.053	.044	.063	.042	.055	.062
28	.043	.045	.032	.047	.031	.043	.054	.054	.053	.030	.058	.074
29	.044	.048	.045	.027	.042	.044	.059	.046	.049	.023	.057	.097
30	.045		.036	.045	.049	.051	.056	.030	.050	.035	.044	.119
31	.047		.045		.031		.073	.040		.035		.092
NO.:	31	29	31	30	31	30	31	31	30	31	30	31
MAX:	.067	.085	.060	.066	.063	.055	.073	.080	.076	.058	.102	.119
MEAN:	.0468	.0474	.0453	.0439	.0387	.0390	.0474	.0482	.0476	.0414	.0505	.0582
ANNUAL OBSERVATIONS:	366		ANNUAL MEAN:	.0462		ANNUAL MAX:	.119					

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

AIR QUALITY SYSTEM

RAW DATA MAX VALUES REPORT

Jun. 1, 2006

(42602) Nitrogen dioxide

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: 10102-44-0
 LATITUDE: 40.253611
 LONGITUDE: -111.663056
 UTM ZONE: 12
 UTM NORTHING: 4455894
 UTM EASTING: 443606
 ELEVATION-MSL: 0
 PROBE HEIGHT: 4

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

REPORT FOR: 2000

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .001

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.051	.047	.040	.051	.065	.064	.052	.054	.032	.032	.038	.043
2	.041	.052	.047	.039	.051	.061	.027	.054	.037	.038	.045	.048
3	.048	.047	.056	.055	.057	.051	.042	.039	.036	.045	.046	.041
4	.053	.047	.052	.036	.074	.048	.056	.033	.036	.045	.047	.048
5	.046	.050	.048	.045	.029	.042	.041	.041	.051	.042	.039	.051
6	.048	.048	.046	.040	.048	.065	.049	.033	.041	.054	.040	.047
7	.048	.052	.042	.052	.037	.038	.043	.044	.059	.044	.042	.043
8	.045	.050	.040	.042	.027	.044	.037	.045	.033	.049	.040	.051
9	.043	.050	.045	.040	.032	.039	.030	.045	.051	.039	.044	.038
10	.038	.039	.046	.042	.036	.047	.039	.046	.046	.032	.044	.031
11	.045	.038	.043	.053	.030	.034	.036	.059	.049	.034	.053	.048
12	.051	.043	.043	.052	.044	.051	.042	.055	.050	.035	.045	.046
13	.051	.045	.050	.043	.052	.030	.061	.051	.059	.036	.050	.039
14	.050	.035	.048	.047	.040	.039	.037	.050	.030	.039	.047	.046
15	.051	.046	.047	.039	.052	.020	.035	.048	.050	.036	.045	.026
16	.027	.046	.055	.047	.033	.017	.033	.037	.045	.029	.047	.045
17	.038	.037	.049	.054	.021	.040	.045	.024	.031	.049	.046	.045
18	.037	.031	.051	.043	.047	.038	.047	.038	.040	.047	.052	.041
19	.037	.046	.043	.044	.048	.032	.045	.038	.036	.054	.047	.047
20	.040	.037	.018	.057	.053	.041	.047	.044	.049	.052	.052	.050
21	.042	.039	.050	.037	.039	.039	.049	.049	.037	.040	.048	.045
22	.041	.042	.059	.035	.048	.035	.043	.046	.026	.031	.072	.050
23	.037	.044	.042	.024	.058	.039	.043	.042	.023	.040	.056	.047
24	.044	.028	.054	.052	.039	.032	.046	.046	.026	.045	.049	.044
25	.037	.043	.057	.048	.029	.030	.045	.038	.045	.040	.047	.033
26	.033	.043	.045	.055	.041	.030	.053	.037	.056	.035	.046	.039
27	.042	.042	.040	.050	.037	.036	.058	.033	.066	.037	.056	.043
28	.041	.044	.029	.051	.031	.045	.055	.045	.044	.036	.049	.060
29	.045	.050	.052	.040	.034	.043	.065	.051	.049	.033	.044	.050
30	.043		.020	.047	.032	.052	.052	.026	.050	.037	.054	.065
31	.043		.033		.040		.055	.035		.036		.050
NO.:	31	29	31	30	31	30	31	31	30	31	30	31
MAX:	.053	.052	.059	.057	.074	.065	.065	.059	.066	.054	.072	.065
MEAN:	.0431	.0435	.0448	.0453	.0421	.0407	.0454	.0428	.0428	.0400	.0477	.0452
ANNUAL OBSERVATIONS:	366		ANNUAL MEAN:	.0436		ANNUAL MAX:	.074					

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

Jun. 1, 2006

(42602) Nitrogen dioxide

SITE ID: 49-057-0001 POC: 2
COUNTY: (057) Weber
CITY: (55980) Ogden
SITE ADDRESS: HEALTH DEPT BLDG, 2570 GRANT AVE
SITE COMMENTS: SITE CLOSED DUE TO DEMOLITION OF BUILDING HOUSING SITE
MONITOR COMMENTS: 14

STATE: (49) Utah
AQCR: (220) WASATCH FRONT
URBANIZED AREA: (5840) OGDEN, UT
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
LATITUDE: 41.219167
LONGITUDE: -111.972778
UTM ZONE: 12
UTM NORTHING: 4563313
UTM EASTING: 418455
ELEVATION-MSL: 0
PROBE HEIGHT: 5

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

REPORT FOR: 2000

DURATION: 1 HOUR
UNITS: Parts per million
MIN DETECTABLE: .001

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.037											
2	.040											
3	.072											
4	.048											
5	.058											
6												
7	.046											
8	.055											
9	.028											
10	.047											
11	.032											
12	.046											
13	.052											
14	.073											
15	.053											
16	.035											
17	.051											
18	.038											
19	.060											
20	.052											
21	.047											
22	.041											
23	.039											
24	.042											
25	.042											
26	.031											
27												
28												
29												
30												
31												
NO.:	25	0	0	0	0	0	0	0	0	0	0	0
MAX:	.073											
MEAN:	.0466											

ANNUAL OBSERVATIONS: 25 ANNUAL MEAN: .0466 ANNUAL MAX: .073

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