

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: 2001

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.082	.060	.039	.035	.016	.035	.013	.037	.035	.056	.037	.047
2	.062	.047	.053	.017	.034	.016	.047	.042	.025	.054	.040	.026
3	.070	.050	.035	.040	.007	.031	.031	.063	.025	.028	.046	.051
4	.074	.089	.034	.041	.021	.016	.050	.029	.057	.029	.039	.039
5	.067	.040	.045	.041	.029	.040	.023	.021	.039	.032	.070	
6	.067	.060	.052	.040	.011	.035	.021	.066	.026	.038	.040	.039
7	.054	.033	.019	.012	.040	.029	.028	.068	.025	.019	.035	.037
8	.055	.057	.036	.016	.024	.056	.016	.043	.018	.037	.031	.044
9	.084	.067	.039	.035	.046	.017	.025	.029	.022	.024	.058	.038
10	.052	.051	.025	.017	.036	.018	.014	.023	.038	.035	.040	.041
11	.045	.041	.023	.044	.055	.031	.016	.044	.023	.038	.036	.036
12	.045	.041	.023	.032	.044	.027	.039	.025	.058	.038	.040	.042
13	.041	.039	.031	.031	.024	.020	.054	.036	.038	.029	.036	.047
14	.035	.034	.020	.011	.030	.021	.019	.041	.031	.018	.035	.041
15	.032	.051	.044	.022	.037	.027	.042	.041	.028	.035	.036	.035
16	.019	.043	.042	.048	.024	.020	.100	.054	.026	.053	.037	.052
17	.039	.066	.036	.043	.024	.015	.013	.061	.041	.041	.045	.061
18	.044	.043	.026	.012	.023	.021	.035	.035	.042	.037	.026	.075
19	.057	.044	.039	.028	.026	.027	.034	.032	.045	.067	.039	.062
20	.075	.040	.034	.031	.013	.041	.015	.012	.040	.039	.043	.061
21	.056	.054	.031	.026	.038	.040	.012	.025	.044	.041	.043	.050
22	.051	.050	.024	.024	.046	.038	.009	.028	.042	.039	.043	.057
23	.071	.051	.026	.020	.051	.015	.031	.045	.040	.037	.037	.057
24	.053	.040	.033	.033	.042	.015	.024	.042	.062	.030	.036	.059
25	.049	.018	.030	.040	.089	.033	.063	.035	.046	.043	.038	.061
26	.046	.047	.029	.050	.033	.042	.014	.022	.036	.049	.033	.060
27	.026	.048	.032	.034	.017	.030	.041	.070	.039	.043	.043	.065
28	.024	.048	.033	.010	.028	.033	.034	.045	.041	.040	.044	.069
29	.044		.022	.012	.037	.034	.023	.042	.033	.047	.037	.071
30	.035		.033	.053	.044	.033	.013	.039	.024	.033	.042	.052
31	.045		.034		.038		.028	.043		.026		.074
NO.:	31	28	31	30	31	30	31	31	30	31	30	30
MAX:	.084	.089	.053	.053	.089	.056	.100	.070	.062	.067	.070	.075
MEAN:	.0516	.0483	.0330	.0299	.0331	.0285	.0299	.0393	.0368	.0378	.0402	.0516
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	.0383		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.

(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: 2001

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .001

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.074	.045	.052	.035	.023	.033		.058	.039	.047	.041	.041
2	.054	.047	.045	.031	.031	.023		.043	.045	.044	.047	.026
3	.072	.050	.045	.038	.006	.018		.039	.050	.040	.046	.047
4	.074	.042	.042	.037	.046	.031		.027	.044	.043	.046	.045
5	.085	.042	.047	.040	.041	.047		.049	.035	.045	.067	.037
6	.078	.050	.055	.042	.045	.042		.068	.027	.053	.038	.023
7	.073	.036	.053	.017	.044	.044		.047	.027	.041	.039	.042
8	.083	.051	.055	.033	.053	.039		.051	.027	.041	.043	.042
9	.077	.059	.044	.049	.042	.043		.041	.043	.032	.049	.041
10	.059	.055	.025	.035	.049	.046		.042	.047	.044	.043	.049
11	.044	.040	.040	.042	.059	.045		.044	.052	.035	.044	.047
12	.049	.045	.049	.023	.054	.032		.039	.038	.041	.040	.045
13	.044	.042	.044	.037	.046	.023	.040	.036	.039	.036	.038	.046
14	.038	.043	.044	.047	.030	.036	.023	.046	.038	.030	.040	.043
15	.043	.052	.050	.047	.033	.039	.041	.044	.047	.042	.046	.047
16	.041	.049	.045	.058	.035	.043	.038	.055	.041	.051	.048	.047
17	.051	.050	.045	.048	.037	.047	.030	.060	.038	.042	.043	.055
18	.047	.044	.040	.039	.035	.032	.031	.049	.039	.042	.037	.076
19	.057	.045	.044	.040	.046	.042	.034	.029	.039	.049	.042	.060
20	.048	.050	.036	.040	.036	.046	.031	.013	.048	.039	.051	.066
21	.048	.051	.033	.032	.046	.046	.025	.024	.048	.040	.048	.053
22	.087	.045	.040	.035	.046	.047	.047	.043	.047	.044	.041	.049
23	.060	.035	.039	.039	.042	.010	.051	.052	.049	.039	.036	.053
24	.057	.041	.043	.042	.049	.011	.054	.045	.060	.046	.038	.053
25	.044	.046	.030	.055	.042	.036	.046	.045	.039	.048	.040	.057
26	.052	.044	.042	.045	.037	.034	.039	.046	.055	.053	.041	.065
27	.047	.045	.019	.036	.033	.022	.043	.047	.048	.042	.041	.071
28	.044	.047	.039	.013	.036	.021	.048	.062	.043	.046	.047	.070
29	.047		.039	.042	.036	.060	.048	.061	.042	.050	.038	.061
30	.045		.038	.037	.046	.051	.008	.039	.049	.036	.044	.055
31	.044		.043		.040		.036	.047		.037		.059
NO.:	31	28	31	30	31	30	19	31	30	31	30	31
MAX:	.087	.059	.055	.058	.059	.060	.054	.068	.060	.053	.067	.076
MEAN:	.0570	.0461	.0421	.0385	.0401	.0363	.0375	.0449	.0428	.0425	.0434	.0507
ANNUAL OBSERVATIONS:	353		ANNUAL MEAN:		.0437		ANNUAL MAX:		.087			

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: 2001

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.077	.046	.053	.040	.023	.038	.043	.043	.045	.056	.045	.042
2	.059	.054	.050	.035	.032	.024	.051	.047	.048	.044	.051	.033
3	.079	.052	.044	.043	.010	.018	.050	.046	.048	.045	.047	.057
4	.074	.045	.039	.047	.041	.017	.046	.053	.050	.045	.048	.048
5	.081	.044	.038	.045	.040	.037	.040	.059	.040	.051	.074	.042
6	.084	.066	.061	.044	.045	.041	.030	.076	.029	.059	.044	.040
7	.079	.034	.016	.019	.044	.033	.028	.051	.031	.049	.042	.042
8	.079	.052	.062	.024	.052	.037	.024	.056	.035	.045	.046	.046
9	.100	.063	.048	.038	.042	.037	.027	.044	.029	.037	.055	.046
10	.062	.059	.035	.018	.033	.037	.035	.044	.054	.043	.048	.050
11	.041	.046	.041	.040	.051	.031	.034	.042	.054	.041	.045	.047
12	.059	.049	.049	.028	.056	.031	.034	.047	.044	.043	.040	.045
13	.045	.044	.039	.047	.046	.022	.043	.049	.040	.039	.043	.042
14	.041	.042	.048	.034	.045	.023	.025	.046	.037	.045	.041	.042
15	.038	.057	.043	.043	.040	.025	.048	.050	.059	.046	.048	.046
16	.012	.055	.048	.058	.027	.049	.041	.051	.054	.057	.049	.053
17	.051	.054	.040	.052	.029	.043	.039	.052	.037	.045	.044	.055
18	.047	.050	.040	.042	.035	.042	.044	.048	.040	.047	.038	.099
19	.049	.049	.042	.040	.036	.047	.045	.038	.051	.047	.045	.063
20	.049	.053	.036	.026	.029	.055	.047	.030	.051	.042	.051	.070
21	.049	.056	.033	.032	.022	.048	.047	.039	.053	.047	.048	.057
22	.078	.049	.036	.040	.040	.042	.032	.047	.060	.046	.045	.053
23	.065	.045	.036	.038	.038	.024	.044	.056	.056	.041	.037	.060
24	.057	.040	.044	.044	.042	.018	.048	.047	.062	.044	.037	.057
25	.049	.040	.036	.057	.045	.043	.059	.046	.055	.051	.040	.060
26	.044	.054	.035	.046	.038	.039	.038	.045	.063	.060	.040	.068
27	.023	.044	.041	.041	.021	.037	.043	.050	.052	.046	.045	.079
28	.049	.048	.039	.025	.026	.034	.046	.059	.050	.051	.038	.069
29	.054		.040	.048	.033	.060	.049	.073	.046	.052	.038	.074
30	.041		.040	.037	.035	.048	.013	.049	.054	.042	.049	.059
31	.042		.038		.041		.042	.043		.040		.064
NO.:	31	28	31	30	31	30	31	31	30	31	30	31
MAX:	.100	.066	.062	.058	.056	.060	.059	.076	.063	.060	.074	.099
MEAN:	.0567	.0496	.0416	.0390	.0367	.0360	.0398	.0492	.0476	.0466	.0454	.0551
ANNUAL OBSERVATIONS:	365		ANNUAL MEAN:		.0453		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.

(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: 2001

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	.045	.045	.038	.020	.038	.036	.053	.045	.054	.042	.047
2	.048	.046	.042	.044	.026	.024	.041	.049	.040	.043	.044	.039
3	.041	.047	.046	.051	.036	.015	.057	.040	.048	.048	.049	.044
4	.050	.037	.041	.041	.043	.032	.048	.044	.040	.061	.045	.047
5	.061	.042	.049	.044	.041	.042	.040	.047	.039	.051	.048	.052
6	.072	.040	.054	.029	.033	.049	.035	.052	.024	.050	.041	.043
7	.059	.033	.050	.026	.048	.049	.033	.051	.029	.045	.036	.045
8	.068	.042	.057	.046	.044	.041	.023	.050	.038	.037	.040	.042
9	.066	.049	.043	.041	.050	.043	.026	.038	.042	.036	.045	.043
10	.041	.044	.038	.026	.053	.028	.035	.048	.046	.047	.038	.046
11	.038	.041	.035	.045	.053	.044	.038	.058	.043	.044	.031	.047
12	.046	.044	.046	.045	.056	.033	.048	.039	.039	.043	.038	.046
13	.048	.042	.049	.049	.043	.026	.036	.043	.035	.038	.038	.048
14	.040	.043	.043	.051	.038	.042	.024	.054	.045	.038	.042	.044
15	.039	.046	.041	.050	.035	.044	.027	.057	.055	.047	.047	.037
16	.039	.048	.045	.057	.041	.045	.039	.062	.038	.042	.044	.048
17	.038	.047	.045	.048	.036	.055	.053	.054	.041	.056	.047	.055
18	.043	.045	.042	.048	.035	.042	.038	.063	.048	.046	.036	.058
19	.046	.048	.044	.048	.045	.046	.043	.025	.051	.045	.040	.052
20	.048	.048	.041	.042	.030	.049	.045	.037	.055	.046	.051	.051
21	.054	.048	.034	.046	.035	.043	.046	.039	.058	.046	.049	.048
22	.063	.042	.039	.035	.050	.052	.042	.049	.061	.046	.025	.045
23	.064	.050	.035	.042	.045	.027	.056	.049	.048	.038	.037	.050
24	.052	.042	.037	.046	.047	.031	.051	.051	.049	.049	.037	.049
25	.044	.039	.037	.047	.046	.043	.044	.069	.052	.044	.033	.051
26	.050	.046	.044	.045	.035	.042	.042	.046	.047	.050	.036	.051
27	.044	.047	.050	.045	.025	.036	.050	.058	.050	.050	.034	.052
28	.038	.044	.044	.043	.037	.054	.044	.072	.054	.046	.041	.057
29	.041		.042	.034	.023	.052	.041	.043	.049	.048	.043	.050
30	.042		.041	.049	.048	.041	.036	.043	.048	.048	.045	.060
31	.037		.051		.041		.047	.047		.038		.057
NO.:	31	28	31	29	31	30	31	31	30	31	30	31
MAX:	.072	.050	.057	.057	.056	.055	.057	.072	.061	.061	.051	.060
MEAN:	.0490	.0441	.0435	.0433	.0399	.0403	.0407	.0494	.0452	.0458	.0407	.0485
ANNUAL OBSERVATIONS:	364		ANNUAL MEAN:	.0442		ANNUAL MAX:	.072					

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: 49-057-0002 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: 10102-44-0  
 LATITUDE: 41.206389  
 LONGITUDE: -111.974722  
 UTM ZONE: 12  
 UTM NORTHING: 4561914  
 UTM EASTING: 418278  
 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: 2001

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1								.043	.054	.052	.041	.050
2								.050	.047	.045	.044	.024
3								.049	.048	.042	.044	.050
4								.034	.045	.049	.034	.047
5								.054	.043	.049		.025
6								.060	.035	.051		.037
7								.068	.031	.056		.042
8								.064	.040	.051		.053
9								.047	.050	.043	.041	.049
10								.051	.049	.048	.048	.046
11								.056	.051	.043	.040	.044
12								.044	.046	.042	.050	.053
13								.058		.038	.040	.047
14								.054	.050	.039	.039	.044
15								.059	.051	.044	.036	.056
16								.060	.037	.053	.046	.049
17							.046	.063	.049	.046	.042	.052
18							.053	.053	.043	.043	.037	.064
19							.038	.050	.050	.051	.037	.067
20							.024	.043	.052	.040	.047	.078
21							.041	.034	.049	.043	.047	.064
22							.046	.060	.053	.048	.042	.062
23							.050	.064	.048	.030	.034	.060
24							.048	.054	.060	.043	.037	.061
25							.043	.053	.045	.052	.043	.062
26							.033	.052	.059	.048	.041	.062
27							.054	.062	.062	.051	.039	.058
28							.050	.049	.048	.053	.038	.072
29							.045	.053	.045	.061	.030	.071
30							.028	.047	.047	.048	.050	.064
31							.039	.045		.041		.060
NO.:	0	0	0	0	0	0	15	31	29	31	26	31
MAX:							.054	.068	.062	.061	.050	.078
MEAN:							.0425	.0527	.0478	.0465	.0410	.0540
ANNUAL OBSERVATIONS:	163		ANNUAL MEAN:	.0481		ANNUAL MAX:	.078					

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