Date Printed: 12/01/2014 01:20

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "D" (1000 Area)

11/30/2014

Interval: 001h

	01_TempC_002m	02_TempC_015m	03_TempC_035m	04_TempC_060m	09_VTGrad_0215m	10_VTGrad_0235m	11_VTGrad_0260m	12_VTGrad_1535m	13_VTGrad_1560m
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC
00:00	5.5	7.7	8.6	9.0	2.22	3.15	3.54	.93	1.31
01:00	6.7	8.2	8.9	9.4	1.53	2.25	2.72	.72	1.19
02:00	7.2	8.8	9.4	9.8	1.62	2.24	2.57	.62	.96
03:00	7.6	8.9	9.5	9.9	1.34	1.89	2.34	.55	1.00
04:00	7.8	9.5	10.2	10.7	1.76	2.43	2.96	.66	1.20
05:00	8.4	10.5	10.9	11.1	2.05	2.46	2.69	.41	.64
06:00	8.7	10.8	11.1	11.2	2.11	2.38	2.52	.26	.41
07:00	9.0	10.7	11.0	11.2	1.68	1.98	2.18	.30	.50
08:00	9.6	11.2	11.7	11.8	1.58	2.05	2.19	.47	.61
09:00	11.1	11.7	11.7	11.6	.56	.51	.51	-.04	-.05
10:00	12.2	12.2	12.0	12.0	-.06	-.22	-.28	-.16	-.22
11:00	14.0	13.9	13.9	13.9	-.02	-.12	-.06	-.10	-.04
12:00	15.3	15.4	15.2	15.3	.11	.00	.01	-.11	-.10
13:00	15.9	15.9	15.7	15.7	.03	-.16	-.20	-.18	-.22
14:00	16.7	16.6	16.4	16.3	-.10	-.31	-.39	-.22	-.29
15:00	17.0	17.0	16.8	16.7	.01	-.19	-.24	-.19	-.25
16:00	17.0	17.2	17.0	17.0	.14	-.02	-.05	-.16	-.19
17:00	16.2	16.7	16.7	16.7	.48	.46	.52	-.03	.04
18:00	15.1	15.9	16.1	16.3	.77	.95	1.20	.17	.43
19:00	13.9	15.5	15.7	16.1	1.65	1.86	2.19	.21	.54
20:00	13.0	15.2	15.4	15.6	2.23	2.38	2.66	.14	.42
21:00	11.8	14.7	14.9	15.2	2.88	3.15	3.43	.28	.56
22:00	11.6	14.4	14.6	14.8	2.82	3.04	3.23	.22	.41
23:00	10.8	13.4	14.1	14.5	2.57	3.30	3.66	.73	1.10
Avg	11.8	13.0	13.2	13.4	1.25	1.48	1.66	.23	.42
Max	17.0	17.2	17.0	17.0	2.88	3.30	3.66	.93	1.31
Hr. of Max	16	16	16	16	21	23	23	00	00
Min	5.5	7.7	8.6	9.0	-.10	-.31	-.39	-.22	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/30/2014

Interval: 001h

	14_DewPtC_002m	15_DewPtC_015m	17a_WBulbC	18_SoilTempC	19_RH_002m	20_RH_015m	21_AbsHum_002m	22_AbsHum_015m	23_Mix Ratio_002m
Hour	DEGC	DEGC	DEGC	DEGC	PERCENT	PERCENT	G/M3	G/M3	COUNT
00:00	2.1	1.2	3.2	6.7	79.4	64.0	5.5	5.2	0.004506
01:00	2.6	1.6	4.0	6.7	76.0	63.5	5.7	5.3	0.004678
02:00	2.9	1.8	4.4	6.7	75.1	62.2	5.8	5.4	0.004787
03:00	3.3	2.1	4.8	6.7	75.2	62.7	6.0	5.5	0.004927
04:00	3.9	2.4	5.2	6.8	77.4	61.7	6.3	5.6	0.005136
05:00	4.3	3.1	5.7	6.9	76.0	61.0	6.4	5.9	0.005272
06:00	4.8	3.7	6.1	7.0	77.2	62.0	6.6	6.1	0.005457
07:00	5.0	3.8	6.3	7.0	77.1	63.2	6.7	6.1	0.005545
08:00	5.6	5.5	6.9	7.1	76.7	68.6	7.0	6.9	0.005764
09:00	6.2	5.9	7.9	7.2	72.7	68.6	7.3	7.1	0.006039
10:00	6.6	6.4	8.5	7.3	69.0	68.6	7.4	7.3	0.006172
11:00	8.4	8.5	10.3	7.5	70.1	70.4	8.4	8.4	0.007036
12:00	9.8	9.9	11.6	7.7	71.1	70.8	9.2	9.2	0.007741
13:00	10.0	10.1	12.0	7.9	69.2	69.1	9.3	9.3	0.007857
14:00	9.9	9.9	12.2	8.2	65.2	65.4	9.2	9.1	0.007789
15:00	9.5	9.5	12.0	8.4	62.4	62.3	8.9	8.9	0.007602
16:00	9.2	9.2	11.8	8.7	61.0	60.4	8.8	8.7	0.007447
17:00	9.1	9.1	11.5	8.9	63.6	61.9	8.7	8.7	0.007362
18:00	9.0	9.0	11.0	9.1	67.6	64.6	8.7	8.7	0.007304
19:00	8.9	8.9	10.6	9.1	73.0	65.6	8.6	8.6	0.007258
20:00	8.8	8.9	10.2	9.1	76.9	67.0	8.6	8.6	0.007208
21:00	8.9	8.9	9.8	9.1	83.3	69.3	8.7	8.6	0.007226
22:00	8.9	8.8	9.8	9.1	84.5	70.2	8.7	8.6	0.007218
23:00	8.6	8.7	9.3	9.1	87.4	74.4	8.6	8.6	0.007096
Avg	6.9	6.5	8.5	7.8	73.6	65.7	7.7	7.5	0.006434
Max	10.0	10.1	12.2	9.1	87.4	74.4	9.3	9.3	0.007857
Hr. of Max	13	13	14	23	23	23	13	13	13
Min	2.1	1.2	3.2	6.7	61.0	60.4	5.5	5.2	0.004506
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

11/30/2014

Interval: 001h

	24_Mix Ratio_015m	27_VaporPr_002m	28_VaporPr_015m	34_Precip_In	36_BarPres_In	37_BarPres_Mb	38_SolarRad_Wm2	39_SolarRad_Lang	40_WDir_015m
Hour	COUNT	KPa	KPa	INCHES	INHG	KPa	W/M2	Langleys	DEG
00:00	0.004239	7.1	6.7	.00	29.22	989.7	-1.9	.00	208.9
01:00	0.004343	7.4	6.9	.00	29.23	989.9	-2.5	.00	202.5
02:00	0.00443	7.6	7.0	.00	29.24	990.4	-2.2	.00	176.5
03:00	0.004501	7.8	7.1	.00	29.25	990.6	-2.3	.00	38.1
04:00	0.004616	8.1	7.3	.00	29.26	990.8	-2.2	.00	189.4
05:00	0.004859	8.3	7.7	.00	29.27	991.1	-2.0	.00	218.9
06:00	0.005047	8.6	8.0	.00	29.28	991.6	-2.7	.00	223.0
07:00	0.005091	8.8	8.1	.00	29.29	992.0	.5	.00	220.3
08:00	0.005732	9.1	9.1	.00	29.30	992.3	17.0	.02	245.6
09:00	0.005915	9.5	9.4	.00	29.31	992.7	42.4	.06	239.9
10:00	0.00611	9.8	9.7	.00	29.32	992.9	88.0	.13	247.8
11:00	0.00706	11.1	11.1	.00	29.31	992.4	100.3	.14	255.6
12:00	0.007762	12.2	12.2	.00	29.29	991.9	56.5	.08	232.8
13:00	0.007864	12.4	12.4	.00	29.28	991.4	81.0	.12	214.1
14:00	0.007766	12.3	12.2	.00	29.26	990.9	159.8	.23	214.9
15:00	0.007585	12.0	11.9	.00	29.26	991.0	96.7	.14	211.2
16:00	0.007436	11.7	11.7	.00	29.27	991.3	52.9	.08	209.7
17:00	0.007389	11.6	11.6	.00	29.28	991.5	3.8	.01	215.0
18:00	0.007338	11.5	11.6	.00	29.29	991.9	-1.6	.00	227.0
19:00	0.007273	11.4	11.5	.00	29.30	992.4	-2.2	.00	234.7
20:00	0.007275	11.4	11.5	.00	29.32	992.8	-2.6	.00	233.5
21:00	0.00725	11.4	11.4	.00	29.33	993.4	-1.8	.00	228.1
22:00	0.007215	11.4	11.4	.00	29.35	993.9	-1.6	.00	234.0
23:00	0.007153	11.2	11.3	.00	29.36	994.4	-2.1	.00	239.1
Avg	0.006302	10.2	10.0	.00	29.29	991.8	28.0	.04	223.0
Max	0.007864	12.4	12.4	.00	29.36	994.4	159.8	.23	255.6
Hr. of Max	13	13	13	23	23	23	14	14	11
Min	0.004239	7.1	6.7	.00	29.22	989.7	-2.7	.00	38.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/30/2014

Interval: 001h

	41_WDir_035m	42_WDir_060m	46_SWDir_015m	47_SWDir_060m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH
00:00	247.7	259.6	214.4	262.1	29.6	13.0	10.4	1.7	4.4
01:00	243.8	257.8	208.5	260.2	20.7	12.9	9.9	1.8	4.5
02:00	242.0	257.1	183.7	259.5	25.4	14.1	10.4	.9	3.3
03:00	201.5	256.5	56.4	258.4	47.5	33.4	14.4	.1	.8
04:00	249.3	271.0	198.9	273.5	47.6	25.5	11.5	.9	2.4
05:00	257.1	265.6	224.3	268.2	17.6	14.1	10.3	2.4	4.1
06:00	259.2	264.5	228.3	266.9	15.2	12.1	9.7	2.5	4.0
07:00	248.7	253.0	226.0	255.2	21.9	17.6	10.9	2.2	3.2
08:00	270.1	262.3	249.7	265.0	23.7	12.2	10.3	1.8	4.5
09:00	265.1	267.0	245.4	269.5	20.1	14.5	11.7	2.5	3.9
10:00	268.4	271.7	253.0	273.1	31.0	23.6	18.8	2.0	3.1
11:00	255.0	242.9	261.3	244.9	26.6	20.5	16.4	3.7	5.9
12:00	235.8	228.1	239.1	230.9	23.8	18.2	15.0	6.9	9.9
13:00	221.6	217.2	222.7	220.3	21.3	16.3	12.7	10.0	13.9
14:00	220.4	217.8	222.3	220.6	22.2	17.9	14.3	8.5	11.5
15:00	215.3	213.0	218.2	215.7	23.2	19.6	14.7	7.3	9.6
16:00	217.5	213.5	217.7	216.3	20.4	16.3	13.0	6.7	9.2
17:00	218.2	213.0	222.2	216.1	17.1	12.9	9.7	5.1	7.9
18:00	226.6	218.5	233.2	221.7	15.4	8.7	6.3	4.1	7.3
19:00	232.4	222.3	240.9	225.4	13.0	9.2	6.2	3.3	6.4
20:00	236.7	223.5	239.2	226.5	18.6	8.8	6.2	2.4	4.8
21:00	233.9	222.9	233.9	226.1	10.5	5.7	5.3	2.8	4.8
22:00	234.8	220.3	239.6	223.4	9.0	5.9	5.8	2.7	5.1
23:00	237.1	222.1	242.8	225.2	29.6	6.7	4.8	1.2	3.7
Avg	239.0	240.0	228.0	242.0	23.0	15.0	10.8	.0	.0
Max	270.1	271.7	261.3	273.5	47.6	33.4	18.8	10.0	13.9
Hr. of Max	08	10	11	04	04	03	10	13	13
Min	201.5	213.0	56.4	215.7	9.0	5.7	4.8	.1	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

11/30/2014

Interval: 001h

	57_RWSpd_060m	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH
00:00	6.5	1.8	4.5	6.6	2.4	7.0	2.5	3.4	.09
01:00	6.7	1.9	4.7	6.8	2.4	7.3	3.4	3.5	.14
02:00	5.4	1.0	3.4	5.5	1.6	5.9	3.3	3.7	.09
03:00	2.7	.2	.9	2.8	.7	3.3	2.5	2.1	.04
04:00	5.3	1.0	2.6	5.4	1.4	5.7	2.4	3.8	.08
05:00	6.3	2.5	4.3	6.5	3.1	6.8	1.3	3.5	.06
06:00	5.8	2.6	4.1	5.9	3.2	6.3	.9	1.9	.04
07:00	5.1	2.3	3.4	5.2	2.8	5.7	1.0	1.1	.04
08:00	6.5	1.9	4.6	6.7	2.4	7.1	.6	2.9	.01
09:00	5.7	2.6	4.1	5.9	3.1	6.2	.8	3.2	-.01
10:00	4.4	2.3	3.4	4.6	2.8	4.8	-.1	2.2	-.11
11:00	7.7	4.2	6.3	8.1	4.8	8.8	-.8	1.9	-.21
12:00	12.9	7.7	10.6	13.4	8.5	14.2	.4	1.7	-.16
13:00	17.2	10.6	14.4	17.6	11.6	18.7	-.7	-.4	-.39
14:00	14.4	9.1	12.0	14.8	9.9	15.7	1.5	1.0	-.04
15:00	11.7	7.8	10.1	12.1	8.3	12.9	1.6	1.6	.00
16:00	11.5	7.0	9.6	11.8	7.9	12.6	-.2	.0	-.22
17:00	10.3	5.4	8.1	10.5	6.0	11.1	-.1	-.6	-.11
18:00	9.7	4.2	7.4	9.8	4.8	10.4	-.6	-.1	-.13
19:00	9.2	3.4	6.5	9.3	3.9	9.9	-1.3	.0	-.15
20:00	7.0	2.5	4.8	7.1	2.9	7.7	.2	1.0	-.03
21:00	6.3	2.9	4.8	6.4	3.4	6.8	-1.1	.6	-.07
22:00	6.6	2.8	5.1	6.6	3.3	7.1	-1.0	.2	-.06
23:00	5.8	1.3	3.8	5.9	1.8	6.4	1.7	1.2	.04
Avg	.0	3.7	6.0	8.1	4.3	8.7	.8	1.6	-.04
Max	17.2	10.6	14.4	17.6	11.6	18.7	3.4	3.8	.14
Hr. of Max	13	13	13	13	13	13	01	04	01
Min	2.7	.2	.9	2.8	.7	3.3	-1.3	-.6	-.39
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/30/2014

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m
Hour	MPH	MPH	MPH	MPH	MPH	MPH	DEG	DEG
00:00	.35	6.0	10.5	12.1	8.1	12.8	13.4	7.8
01:00	.37	6.0	10.3	12.1	7.3	13.4	13.6	7.7
02:00	.33	5.0	7.3	10.5	5.6	11.9	16.5	8.4
03:00	.09	2.1	4.6	7.3	2.2	7.0	13.6	9.1
04:00	.35	4.4	6.6	10.8	4.8	11.9	13.2	8.4
05:00	.34	5.5	8.2	12.4	6.9	11.4	8.7	7.8
06:00	.16	5.3	7.6	15.8	5.6	10.7	6.3	7.1
07:00	.09	5.5	7.3	10.3	5.0	9.3	6.0	6.0
08:00	.30	5.5	9.6	11.7	6.7	12.2	12.1	7.4
09:00	.29	5.7	8.5	16.0	6.5	11.1	12.8	8.6
10:00	.08	7.1	9.2	11.7	7.6	15.4	18.4	12.2
11:00	.24	13.7	19.9	23.4	15.6	24.1	15.8	10.6
12:00	.21	23.4	29.1	29.8	25.8	33.5	14.9	9.1
13:00	-.38	24.5	30.9	32.1	25.8	32.1	14.4	9.2
14:00	.08	26.3	28.6	43.3	25.3	34.0	15.9	10.1
15:00	.16	19.0	30.0	33.4	20.4	25.7	16.4	11.4
16:00	-.15	19.9	21.1	21.8	19.6	23.6	14.3	9.6
17:00	-.21	16.9	18.8	29.8	18.1	20.7	12.9	7.2
18:00	-.04	8.9	15.6	16.5	9.2	15.3	10.5	4.5
19:00	-.03	8.0	16.3	21.5	9.1	14.7	9.4	4.4
20:00	.13	9.8	14.7	20.8	6.3	12.7	8.1	4.1
21:00	.07	4.6	7.1	10.3	4.9	11.4	3.4	3.1
22:00	.01	6.0	11.2	13.3	5.1	11.1	4.8	3.9
23:00	.12	6.2	11.0	13.1	3.8	9.2	6.8	2.8
Avg	.12	10.2	14.3	18.3	10.6	16.5	11.8	7.5
Max	.37	26.3	30.9	43.3	25.8	34.0	18.4	12.2
Hr. of Max	01	14	13	14	13	14	10	10
Min	-.38	2.1	4.6	7.3	2.2	7.0	3.4	2.8
Count	24	24	24	24	24	24	24	24
Total								