Date Printed: 12/12/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/11/2014

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	1.7	2.1	2.1	2.23	2.58	2.67	.35	.44
01:00	-.7	1.2	1.7	1.8	1.89	2.40	2.55	.52	.66
02:00	-1.7	-.3	1.1	1.4	1.37	2.80	3.10	1.43	1.73
03:00	-1.2	.4	.9	.9	1.60	2.01	2.11	.41	.51
04:00	-1.3	-.2	.3	.5	1.08	1.55	1.77	.47	.69
05:00	-1.2	-.2	.1	.2	1.06	1.34	1.39	.28	.33
06:00	-1.3	-.2	-.1	-.1	1.08	1.19	1.17	.12	.09
07:00	-2.0	-.7	-.4	-.2	1.28	1.61	1.71	.32	.43
08:00	-.9	-.2	-.1	-.2	.76	.80	.77	.05	.01
09:00	1.0	.7	.4	.3	-.27	-.58	-.74	-.31	-.47
10:00	2.1	1.7	1.4	1.2	-.45	-.76	-.96	-.31	-.51
11:00	3.3	2.6	2.3	2.0	-.74	-1.09	-1.33	-.35	-.59
12:00	4.5	3.6	3.3	3.1	-.85	-1.18	-1.40	-.33	-.55
13:00	5.5	4.7	4.3	4.2	-.82	-1.14	-1.29	-.32	-.47
14:00	6.2	5.5	5.2	5.1	-.65	-.94	-1.08	-.29	-.43
15:00	6.7	6.1	5.8	5.7	-.52	-.83	-.98	-.30	-.46
16:00	6.3	6.2	5.9	5.8	-.11	-.36	-.50	-.26	-.39
17:00	3.1	5.2	5.3	5.4	2.01	2.16	2.28	.15	.26
18:00	.7	3.1	3.9	4.8	2.40	3.14	4.05	.74	1.65
19:00	-.6	1.7	2.9	3.9	2.26	3.47	4.44	1.21	2.18
20:00	-1.2	.7	1.6	2.7	1.91	2.75	3.92	.84	2.01
21:00	-1.6	.1	.9	2.1	1.67	2.48	3.70	.81	2.03
22:00	-2.2	-.5	.1	1.5	1.63	2.24	3.62	.62	2.00
23:00	-3.1	-1.4	-.8	.3	1.63	2.32	3.37	.69	1.74
Avg	.8	1.7	2.0	2.3	.89	1.17	1.43	.27	.54
Max	6.7	6.2	5.9	5.8	2.40	3.47	4.44	1.43	2.18
Hr. of Max	15	16	16	16	18	19	19	02	19
Min	-3.1	-1.4	-.8	-.2	-.85	-1.18	-1.40	-.35	-.59
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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12/11/2014

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	-3.0	-4.4	-2.2	7.1	83.8	64.2	3.9	3.5	0.003095
01:00	-3.0	-4.3	-2.2	7.0	85.1	67.3	3.9	3.5	0.0031
02:00	-3.6	-4.2	-2.9	6.8	87.2	75.2	3.7	3.6	0.002961
03:00	-3.1	-4.5	-2.5	6.6	87.0	70.0	3.9	3.5	0.003065
04:00	-3.2	-4.5	-2.6	6.5	87.0	73.1	3.8	3.5	0.003037
05:00	-3.2	-4.6	-2.6	6.3	86.7	72.5	3.8	3.5	0.003037
06:00	-3.3	-5.0	-2.6	6.2	86.3	70.2	3.8	3.3	0.003019
07:00	-4.0	-5.1	-3.3	6.1	86.7	72.4	3.6	3.3	0.002875
08:00	-3.9	-5.0	-2.9	6.0	81.1	70.3	3.7	3.3	0.002891
09:00	-4.8	-5.3	-2.9	5.9	65.8	64.6	3.4	3.3	0.002702
10:00	-5.8	-6.2	-3.2	5.8	56.1	56.1	3.1	3.0	0.002503
11:00	-6.0	-6.6	-2.9	5.8	50.9	51.1	3.1	2.9	0.002479
12:00	-6.0	-6.7	-2.5	5.8	47.2	47.5	3.1	2.9	0.002489
13:00	-6.0	-6.5	-2.2	5.8	43.7	44.6	3.1	3.0	0.002475
14:00	-6.4	-6.9	-2.2	5.9	40.7	40.8	3.0	2.9	0.002419
15:00	-6.2	-6.7	-1.9	6.0	39.9	39.8	3.0	2.9	0.002456
16:00	-5.5	-6.5	-1.6	6.2	43.1	40.3	3.2	3.0	0.002577
17:00	-3.4	-5.9	-1.2	6.3	62.8	45.3	3.7	3.1	0.003008
18:00	-3.7	-5.3	-2.3	6.3	72.5	54.6	3.7	3.3	0.002924
19:00	-4.1	-5.0	-2.9	6.3	77.4	61.6	3.6	3.3	0.002843
20:00	-4.4	-4.6	-3.3	6.2	79.0	67.9	3.5	3.4	0.002771
21:00	-5.0	-4.8	-3.9	6.1	78.1	70.4	3.4	3.4	0.002653
22:00	-5.1	-4.8	-4.1	6.0	80.9	73.3	3.4	3.4	0.002636
23:00	-5.0	-4.7	-4.3	5.8	87.1	79.0	3.4	3.4	0.002651
Avg	-4.5	-5.3	-2.7	6.2	70.7	61.3	3.5	3.3	0.002778
Max	-3.0	-4.2	-1.2	7.1	87.2	79.0	3.9	3.6	0.0031
Hr. of Max	01	02	17	00	02	23	03	02	01
Min	-6.4	-6.9	-4.3	5.8	39.9	39.8	3.0	2.9	0.002419
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/11/2014

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	0.002788	4.9	4.4	.00	29.24	990.2	-2.3	.00	349.6
01:00	0.002808	4.9	4.4	.00	29.24	990.1	-2.4	.00	322.4
02:00	0.002823	4.7	4.5	.00	29.24	990.4	-2.3	.00	248.9
03:00	0.002772	4.9	4.4	.00	29.24	990.2	-2.9	.00	327.9
04:00	0.002761	4.8	4.4	.00	29.23	990.0	-2.1	.00	256.2
05:00	0.002742	4.8	4.3	.00	29.24	990.3	-1.9	.00	309.4
06:00	0.002657	4.8	4.2	.00	29.26	990.8	-1.3	.00	309.2
07:00	0.002641	4.6	4.2	.00	29.28	991.4	3.1	.00	357.3
08:00	0.002657	4.6	4.2	.00	29.30	992.2	78.0	.11	340.1
09:00	0.002603	4.3	4.1	.00	29.33	993.2	199.3	.29	.8
10:00	0.002422	4.0	3.9	.00	29.33	993.3	387.9	.56	45.8
11:00	0.002359	3.9	3.8	.00	29.32	992.8	512.9	.74	52.8
12:00	0.002354	4.0	3.7	.00	29.30	992.2	555.7	.80	67.3
13:00	0.002382	3.9	3.8	.00	29.29	991.9	455.3	.65	295.2
14:00	0.002319	3.8	3.7	.00	29.28	991.5	424.9	.61	7.8
15:00	0.002361	3.9	3.7	.00	29.28	991.5	299.5	.43	281.3
16:00	0.002399	4.1	3.8	.00	29.28	991.6	125.3	.18	265.2
17:00	0.002505	4.8	4.0	.00	29.28	991.7	3.9	.01	259.9
18:00	0.002615	4.6	4.2	.00	29.30	992.2	-2.4	.00	302.4
19:00	0.002664	4.5	4.2	.00	29.32	992.8	-2.3	.00	27.8
20:00	0.002737	4.4	4.4	.00	29.33	993.4	-2.4	.00	60.9
21:00	0.002701	4.2	4.3	.00	29.34	993.7	-2.3	.00	62.7
22:00	0.002695	4.2	4.3	.00	29.35	994.0	-2.4	.00	47.5
23:00	0.002715	4.2	4.3	.00	29.36	994.3	-2.4	.00	205.6
Avg	0.002603	4.4	4.1	.00	29.29	991.9	125.7	.18	337.0
Max	0.002823	4.9	4.5	.00	29.36	994.3	555.7	.80	357.3
Hr. of Max	02	03	02	23	23	23	12	12	07
Min	0.002319	3.8	3.7	.00	29.23	990.0	-2.9	.00	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/11/2014

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	8.6	12.2	350.3	5.9	18.5	10.4	9.3	2.1	5.2
01:00	341.6	348.2	319.5	343.0	18.4	11.6	10.9	1.4	3.4
02:00	328.4	329.4	250.8	323.3	31.7	25.2	11.3	.7	2.0
03:00	338.1	337.2	327.0	331.2	29.7	14.5	11.3	.8	2.7
04:00	292.5	331.0	258.5	325.3	29.4	37.5	27.8	1.3	1.7
05:00	325.7	326.3	306.9	321.0	38.2	18.0	12.8	.9	2.7
06:00	330.3	328.2	305.7	322.3	24.6	14.6	11.9	.6	2.2
07:00	19.8	18.2	357.7	12.8	46.4	18.1	17.8	.5	1.9
08:00	.5	3.5	341.4	358.6	33.2	17.1	15.7	1.9	4.1
09:00	10.0	12.2	.3	7.7	35.4	20.9	17.1	2.6	4.5
10:00	42.2	36.1	44.4	31.3	42.7	28.8	23.4	2.8	4.5
11:00	35.2	28.6	60.2	25.1	54.7	47.2	35.8	2.0	3.2
12:00	52.1	46.5	72.8 +	41.7	69.9	56.6	47.9	1.7	2.3
13:00	310.3	316.7	291.6	314.6	49.2	44.8	43.0	.5	1.1
14:00	352.6	331.2	356.5	326.8	55.5	52.1	46.9	.8	1.5
15:00	321.7	321.5	288.4	318.1	43.7	35.7	35.7	.5	1.0
16:00	274.8	274.5	261.4	274.3	46.6	41.7	36.2	1.4	1.7
17:00	232.6	223.2	258.6	224.5	12.4	7.2	6.2	1.1	2.6
18:00	248.3	256.9	279.2	257.6	49.5	35.3	11.2	.2	.8
19:00	22.3	304.1	41.0	301.6	36.1	36.2	11.8	.3	1.1
20:00	56.6	26.4	65.3	21.3	27.5	13.0	12.5	.7	2.8
21:00	42.2	55.9	72.0	52.3	24.0	7.6	3.8	.4	1.9
22:00	49.5	57.4	60.5	53.6	45.3	8.0	2.5	.5	1.9
23:00	82.4	65.1	237.2	61.1	58.4	17.2	8.6	.1	.3
Avg	356.0	351.0	334.0	346.0	38.4	25.8	19.6	.0	.0
Max	352.6	348.2	357.7	358.6	69.9	56.6	47.9	2.8	5.2
Hr. of Max	14	01	07	08	12	12	12	10	00
Min	.5	3.5	.3	5.9	12.4	7.2	2.5	.1	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/11/2014

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	7.0	2.2	5.3	7.1	2.6	7.7	-2.6	.3	-.16
01:00	5.0	1.4	3.5	5.2	1.8	5.7	-1.0	1.2	-.08
02:00	4.1	.8	2.1	4.2	1.3	4.7	1.2	3.0	.03
03:00	4.6	1.0	2.8	4.7	1.4	5.2	3.3	1.4	.06
04:00	3.4	1.5	2.3	3.7	2.0	4.0	1.7	.9	.03
05:00	4.3	1.0	2.8	4.4	1.4	4.9	1.4	.7	.01
06:00	3.6	.7	2.3	3.7	1.2	4.2	2.3	1.6	.03
07:00	3.1	.6	2.1	3.3	1.1	3.9	.5	2.7	.00
08:00	5.6	2.0	4.3	5.8	2.4	6.3	.7	1.6	-.07
09:00	5.2	2.9	4.7	5.5	3.4	6.1	-.3	-1.9	-.27
10:00	5.0	3.6	5.0	5.5	4.3	6.3	-3.6	-3.6	-.38
11:00	3.7	3.2	4.0	4.2	3.8	5.1	.4	1.2	-.12
12:00	2.7	3.1	3.6	3.7	3.9	4.6	-.4	-2.1	-.09
13:00	1.3	3.4	3.8	3.7	4.1	4.5	-3.1	-4.0	-.34
14:00	1.7	2.7	2.9	2.8	3.3	3.7	-3.8	-6.0	-.32
15:00	1.3	2.8	3.4	3.3	3.4	4.0	1.2	3.6	.03
16:00	1.9	1.8	2.4	2.4	2.3	2.9	6.8	11.0	.13
17:00	3.2	1.2	2.6	3.3	1.6	3.8	-1.0	1.1	-.02
18:00	3.4	.2	.8	3.7	.7	4.0	3.2	2.8	.04
19:00	4.0	.4	1.6	4.2	.8	4.4	2.0	3.0	.04
20:00	2.3	.8	2.9	2.6	1.2	3.1	2.0	3.1	.05
21:00	3.3	.5	1.9	3.3	.9	3.8	1.9	1.8	.04
22:00	3.7	.6	1.9	3.7	1.0	4.2	2.2	1.2	.05
23:00	1.1	.1	.3	1.1	.5	1.7	.9	-1.0	.01
Avg	.0	1.6	2.9	4.0	2.1	4.5	.7	1.0	-.05
Max	7.0	3.6	5.3	7.1	4.3	7.7	6.8	11.0	.13
Hr. of Max	00	10	00	00	10	00	16	16	16
Min	1.1	.1	.3	1.1	.5	1.7	-3.8	-6.0	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	.03	5.5	11.7	13.3	6.5	10.8	10.9	5.0
01:00	.09	6.0	8.0	11.4	5.9	9.8	10.0	3.8
02:00	.19	2.5	6.0	8.2	3.3	8.8	14.2	9.6
03:00	.08	3.2	6.2	10.1	3.5	9.0	15.8	8.3
04:00	.10	3.2	6.0	12.6	4.0	9.1	12.7	12.4
05:00	-.01	3.4	7.3	8.2	4.1	9.0	19.1	9.7
06:00	.07	3.2	6.6	9.2	4.2	7.1	16.1	9.2
07:00	.18	2.3	4.6	8.0	3.6	8.8	12.3	7.4
08:00	.12	6.4	8.5	9.4	6.8	10.2	19.1	7.0
09:00	-.33	7.6	9.8	12.6	10.1	11.1	23.4	12.6
10:00	-.41	13.3	13.1	13.1	12.9	14.0	23.8	20.3
11:00	-.20	9.8	13.5	10.8	10.3	11.8	25.2	25.8
12:00	-.28	8.7	9.2	11.0	10.5	10.3	25.8	27.3
13:00	-.43	9.4	10.5	9.4	9.2	10.6	23.2	24.9
14:00	-.53	8.5	9.6	8.9	9.5	12.4	26.9	30.1
15:00	.16	7.1	8.2	8.0	8.7	9.3	23.7	26.0
16:00	.47	6.4	7.6	8.0	7.2	7.2	20.8	20.6
17:00	.06	3.2	4.8	5.0	3.8	5.7	5.3	4.5
18:00	.20	1.8	3.7	6.4	2.5	7.2	12.3	4.9
19:00	.20	2.7	6.4	9.4	3.1	9.8	15.8	7.9
20:00	.19	4.6	7.3	9.4	4.0	7.5	8.9	7.1
21:00	.12	1.6	4.1	7.6	2.0	5.0	9.2	2.6
22:00	.08	1.8	3.9	6.2	2.3	5.4	6.3	1.9
23:00	-.03	1.1	1.4	5.5	1.6	3.5	5.3	3.1
Avg	.01	5.1	7.4	9.2	5.8	8.9	16.1	12.2
Max	.47	13.3	13.5	13.3	12.9	14.0	26.9	30.1
Hr. of Max	16	10	11	00	10	10	14	14
Min	-.53	1.1	1.4	5.0	1.6	3.5	5.3	1.9
Count	24	24	24	24	24	24	24	24
Total								