Date Printed: 12/11/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/10/2014

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	1.6	3.1	3.1	3.2	1.45	1.54	1.59	.09	.14
01:00	1.4	3.0	3.3	3.4	1.61	1.96	1.99	.35	.38
02:00	1.8	2.9	3.4	3.6	1.06	1.56	1.83	.50	.77
03:00	1.4	2.4	3.2	3.6	1.01	1.79	2.21	.78	1.20
04:00	1.3	2.4	3.1	3.2	1.10	1.83	1.93	.73	.83
05:00	2.3	3.2	3.1	3.2	.87	.85	.87	-.02	-.01
06:00	2.3	3.1	3.1	3.1	.78	.81	.83	.03	.05
07:00	2.4	2.9	2.9	2.9	.49	.49	.48	.00	-.01
08:00	3.0	3.3	3.2	3.1	.26	.17	.14	-.09	-.12
09:00	3.9	3.8	3.7	3.6	-.06	-.23	-.30	-.17	-.24
10:00	4.5	4.3	4.1	4.0	-.15	-.38	-.50	-.22	-.34
11:00	4.9	4.6	4.4	4.3	-.23	-.47	-.59	-.23	-.36
12:00	4.9	4.6	4.4	4.2	-.30	-.60	-.74	-.29	-.44
13:00	4.9	4.6	4.3	4.2	-.29	-.57	-.71	-.27	-.42
14:00	4.9	4.5	4.2	4.1	-.33	-.63	-.78	-.30	-.45
15:00	4.4	4.2	4.0	3.9	-.21	-.44	-.57	-.23	-.36
16:00	4.2	4.1	3.9	3.8	-.13	-.34	-.45	-.21	-.32
17:00	3.7	3.8	3.7	3.6	.11	-.03	-.12	-.14	-.22
18:00	3.1	3.7	3.6	3.5	.57	.45	.38	-.12	-.19
19:00	2.9	3.6	3.5	3.4	.68	.58	.50	-.09	-.17
20:00	2.9	3.3	3.3	3.3	.47	.47	.47	.01	.00
21:00	2.6	3.2	3.2	3.1	.63	.57	.50	-.06	-.12
22:00	2.3	2.9	2.9	2.9	.60	.58	.54	-.02	-.07
23:00	.9	2.2	2.4	2.4	1.28	1.47	1.48	.19	.20
Avg	3.0	3.5	3.5	3.5	.47	.48	.46	.01	-.01
Max	4.9	4.6	4.4	4.3	1.61	1.96	2.21	.78	1.20
Hr. of Max	14	13	12	11	01	01	03	03	03
Min	.9	2.2	2.4	2.4	-.33	-.63	-.78	-.30	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/10/2014

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	-.5	-.5	.2	7.7	86.4	77.8	4.6	4.6	0.003721
01:00	-.2	-.7	.3	7.5	89.6	77.3	4.7	4.6	0.003792
02:00	.4	-.5	.8	7.4	90.9	79.4	5.0	4.6	0.003965
03:00	.1	-.2	.6	7.3	91.6	83.1	4.9	4.7	0.003895
04:00	.1	-.1	.5	7.2	92.4	84.5	4.9	4.8	0.003879
05:00	.9	.6	1.4	7.1	91.4	83.6	5.2	5.0	0.004135
06:00	1.1	.6	1.5	7.1	92.3	84.6	5.2	5.0	0.004171
07:00	1.2	.6	1.6	7.0	91.9	85.1	5.2	5.0	0.004197
08:00	1.4	.6	2.0	7.0	90.2	83.5	5.3	5.0	0.004288
09:00	.6	.1	1.7	7.0	79.7	77.3	5.0	4.8	0.004027
10:00	-1.1	-1.6	.8	7.0	67.8	66.1	4.4	4.3	0.003574
11:00	-1.4	-1.9	.7	7.1	64.2	62.9	4.3	4.2	0.003481
12:00	-1.7	-2.2	.5	7.2	62.8	61.9	4.2	4.1	0.003426
13:00	-2.2	-2.6	.2	7.3	60.8	60.2	4.1	4.0	0.003298
14:00	-2.6	-3.1	-.1	7.4	58.9	58.3	3.9	3.8	0.003193
15:00	-2.9	-3.2	-.4	7.6	59.5	58.9	3.9	3.8	0.003135
16:00	-3.4	-3.8	-.9	7.6	58.2	57.0	3.7	3.6	0.003014
17:00	-3.1	-3.8	-.8	7.7	61.6	57.8	3.8	3.6	0.003083
18:00	-1.8	-3.9	-.2	7.6	70.5	58.3	4.2	3.6	0.003379
19:00	-1.3	-3.8	.1	7.5	74.4	59.2	4.4	3.6	0.003512
20:00	-1.1	-3.2	.2	7.4	75.6	62.6	4.4	3.8	0.003566
21:00	-1.1	-3.4	.1	7.4	76.7	62.1	4.4	3.7	0.003556
22:00	-1.4	-3.5	-.2	7.3	76.9	63.3	4.3	3.7	0.00349
23:00	-2.6	-4.2	-1.4	7.2	78.0	63.2	4.0	3.5	0.003194
Avg	-.9	-1.8	.4	7.3	76.8	69.5	4.5	4.2	0.003624
Max	1.4	.6	2.0	7.7	92.4	85.1	5.3	5.0	0.004288
Hr. of Max	08	08	08	17	04	07	08	08	08
Min	-3.4	-4.2	-1.4	7.0	58.2	57.0	3.7	3.5	0.003014
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/10/2014

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	0.003715	5.9	5.9	.00	29.28	991.4	-2.5	.00	.0
01:00	0.003669	6.0	5.8	.00	29.28	991.5	-2.8	.00	6.2
02:00	0.003734	6.3	5.9	.00	29.28	991.6	-2.1	.00	298.0
03:00	0.003798	6.2	6.0	.00	29.27	991.3	-3.7	-.01	258.0
04:00	0.003841	6.1	6.1	.00	29.27	991.3	-2.5	.00	288.2
05:00	0.004023	6.5	6.4	.00	29.27	991.3	-3.0	.00	277.8
06:00	0.00404	6.6	6.4	.00	29.27	991.3	-2.3	.00	274.0
07:00	0.004024	6.6	6.4	.00	29.28	991.6	-.1	.00	298.5
08:00	0.004043	6.8	6.4	.00	29.29	991.8	27.7	.04	290.7
09:00	0.003889	6.4	6.2	.00	29.30	992.3	57.0	.08	347.9
10:00	0.003444	5.7	5.5	.00	29.31	992.6	113.6	.16	2.7
11:00	0.003356	5.5	5.3	.00	29.30	992.3	136.8	.20	339.5
12:00	0.003304	5.4	5.2	.00	29.28	991.7	191.6	.27	24.2
13:00	0.0032	5.2	5.1	.00	29.27	991.4	166.7	.24	.9
14:00	0.003092	5.1	4.9	.00	29.27	991.3	169.2	.24	359.2
15:00	0.003054	5.0	4.8	.00	29.27	991.3	87.9	.13	335.6
16:00	0.002926	4.8	4.6	.00	29.27	991.2	45.7	.07	351.0
17:00	0.002916	4.9	4.6	.00	29.27	991.1	1.3	.00	359.7
18:00	0.002911	5.4	4.6	.00	29.26	991.0	-2.3	.00	309.8
19:00	0.002929	5.6	4.6	.00	29.26	991.0	-1.8	.00	297.9
20:00	0.00305	5.6	4.8	.00	29.26	990.9	-2.3	.00	332.1
21:00	0.003008	5.6	4.8	.00	29.25	990.5	-2.2	.00	321.9
22:00	0.002998	5.5	4.7	.00	29.24	990.2	-2.2	.00	345.2
23:00	0.002839	5.1	4.5	.00	29.24	990.1	-2.2	.00	350.2
Avg	0.003408	5.7	5.4	.00	29.27	991.3	40.2	.06	328.0
Max	0.004043	6.8	6.4	.00	29.31	992.6	191.6	.27	359.7
Hr. of Max	08	08	08	23	10	10	12	12	17
Min	0.002839	4.8	4.5	.00	29.24	990.1	-3.7	-.01	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/10/2014

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	.5	355.1	359.9	350.3	19.8	16.0	13.8	2.4	4.7
01:00	6.8	355.3	7.8	349.1	25.9	17.7	15.1	1.1	2.5
02:00	316.2	321.5	288.7	316.1	51.2	34.0	13.6	.7	1.7
03:00	315.2	313.0	255.4	309.0	49.1	34.1	9.7	.6	1.7
04:00	291.5	292.3	273.3	290.2	64.0	42.6	19.8	.5	1.5
05:00	284.8	291.0	280.5	288.8	47.8	36.1	10.8	1.8	3.6
06:00	285.1	285.1	276.6	283.4	36.7	22.0	9.5	1.5	3.4
07:00	235.8	253.6	286.6	252.8	61.0	23.6	20.2	.4	1.1
08:00	303.0	306.8	289.3	302.4	26.3	17.6	13.2	.9	1.9
09:00	.5	359.4	349.6	355.0	32.8	22.1	17.9	1.9	3.2
10:00	3.6	.1	3.5	355.1	54.1	36.9	32.1	1.3	2.5
11:00	347.9	348.6	339.0	344.4	53.7	39.8	36.0	2.4	3.7
12:00	20.6	16.4	24.6	11.7	31.2	20.1	16.7	3.4	5.6
13:00	7.9	5.1	2.3	359.8	41.0	28.6	22.8	3.3	5.0
14:00	6.6	1.7	357.5	356.6	34.4	27.0	22.2	3.6	5.4
15:00	346.1	347.3	334.7	342.0	40.4	33.3	26.8	2.4	4.0
16:00	2.7	359.2	350.4	354.6	34.3	25.2	22.6	2.7	4.3
17:00	11.3	4.1	357.8	359.2	37.9	20.9	19.5	1.2	2.6
18:00	340.7	344.4	303.8	339.5	30.5	24.4	18.3	.3	1.2
19:00	322.5	328.3	293.6	322.7	20.1	18.8	15.5	.6	1.2
20:00	357.1	7.7	330.9	1.2	24.8	15.8	11.7	.9	1.8
21:00	350.1	1.3	318.7	355.2	13.1	11.3	10.4	.9	1.7
22:00	9.3	16.1	343.9	9.9	18.1	12.3	10.3	1.1	2.4
23:00	13.5	19.7	351.5	13.1	19.1	10.2	10.4	1.6	3.9
Avg	342.0	342.0	326.0	337.0	36.1	24.6	17.5	.0	.0
Max	357.1	359.4	359.9	359.8	64.0	42.6	36.0	3.6	5.6
Hr. of Max	20	09	00	13	04	04	11	14	12
Min	.5	.1	2.3	1.2	13.1	10.2	9.5	.3	1.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/10/2014

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	2.6	4.9	6.7	3.0	7.3	-4.0	-.3	-.30
01:00	3.0	1.3	2.7	3.1	1.7	3.6	.9	-.1	-.02
02:00	2.6	1.1	2.0	2.7	1.5	3.0	3.0	1.0	.06
03:00	3.6	.8	1.9	3.7	1.3	3.7	-.3	1.8	-.01
04:00	2.3	.6	1.7	2.5	1.0	2.8	1.1	1.4	.01
05:00	5.0	2.1	3.7	5.0	2.6	5.2	-1.5	.9	-.13
06:00	4.8	1.6	3.5	4.9	2.0	5.1	-.2	.9	-.04
07:00	1.6	.5	1.2	1.7	1.0	2.2	4.0	.3	.05
08:00	2.5	1.2	2.1	2.7	1.6	3.0	-2.8	-4.3	-.09
09:00	4.0	2.1	3.4	4.2	2.6	4.8	-.4	-1.6	-.17
10:00	3.1	2.0	3.1	3.8	2.6	4.4	-.4	4.1	-.17
11:00	4.2	3.3	4.4	4.8	3.8	5.5	-3.3	-3.8	-.39
12:00	6.3	4.2	6.2	6.9	4.9	7.7	-2.0	-3.4	-.47
13:00	5.8	4.2	5.8	6.5	4.7	7.2	-3.0	-1.1	-.47
14:00	6.1	4.1	6.0	6.7	4.7	7.4	-2.6	-1.9	-.46
15:00	4.7	3.1	4.6	5.2	3.7	5.9	.4	1.2	-.18
16:00	4.8	3.2	4.6	5.2	3.6	5.8	-2.6	-1.3	-.39
17:00	3.3	1.4	2.8	3.5	1.9	4.1	.5	.1	-.05
18:00	2.0	.4	1.3	2.1	.9	2.6	-.6	-2.0	-.02
19:00	1.7	.6	1.2	1.7	1.0	2.2	-2.7	-.8	-.05
20:00	2.4	.9	2.0	2.6	1.3	3.1	-2.1	-.2	-.06
21:00	2.1	.9	1.8	2.2	1.3	2.7	-2.5	.0	-.06
22:00	3.0	1.2	2.5	3.1	1.6	3.6	-1.2	.0	-.06
23:00	5.1	1.8	3.9	5.2	2.2	5.7	-3.9	1.2	-.18
Avg	.0	1.9	3.2	4.0	2.4	4.5	-1.1	-.3	-.15
Max	6.5	4.2	6.2	6.9	4.9	7.7	4.0	4.1	.06
Hr. of Max	00	13	12	12	12	12	07	10	02
Min	1.6	.4	1.2	1.7	.9	2.2	-4.0	-4.3	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/10/2014

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	-.07	8.7	11.2	12.4	8.3	13.3	13.6	6.4
01:00	-.03	4.4	9.2	13.7	4.7	8.1	11.0	6.5
02:00	.03	3.4	5.3	6.0	4.2	6.2	10.3	6.9
03:00	.09	2.7	5.7	6.4	2.8	6.9	10.4	6.9
04:00	.07	2.1	5.7	6.6	2.7	6.2	13.2	10.5
05:00	-.01	5.7	6.9	8.0	6.6	8.3	12.5	8.0
06:00	.07	4.6	6.4	7.6	5.2	8.0	13.8	5.2
07:00	-.03	3.2	6.6	6.9	4.0	5.7	13.0	14.0
08:00	-.23	3.2	4.4	5.3	3.6	5.2	10.4	7.7
09:00	-.20	6.4	8.9	8.9	7.8	10.2	22.0	12.5
10:00	.18	5.5	8.7	13.1	6.5	9.7	25.5	17.7
11:00	-.59	9.8	12.4	11.4	11.3	12.4	19.9	19.4
12:00	-.56	11.0	11.9	12.6	12.9	13.6	20.3	11.9
13:00	-.26	11.4	11.7	12.6	12.6	13.3	20.8	14.4
14:00	-.42	13.7	12.6	13.3	13.2	15.3	21.4	13.8
15:00	-.18	10.3	12.4	13.1	11.0	13.9	23.6	19.1
16:00	-.33	8.7	10.3	11.2	10.0	12.3	21.9	15.5
17:00	-.11	6.4	11.0	11.9	8.2	13.0	20.1	12.8
18:00	-.15	2.7	5.5	6.0	3.4	7.3	17.0	12.8
19:00	-.06	2.3	3.0	3.4	2.5	4.0	10.4	11.3
20:00	-.01	3.0	4.4	5.3	3.0	5.0	9.0	5.4
21:00	-.02	2.5	4.4	4.4	2.5	4.5	9.2	5.7
22:00	-.03	3.9	6.0	6.2	5.1	7.5	12.5	6.3
23:00	.08	4.8	10.3	12.1	5.9	9.7	11.5	6.6
Avg	-.12	5.9	8.1	9.1	6.6	9.2	15.6	10.7
Max	.18	13.7	12.6	13.7	13.2	15.3	25.5	19.4
Hr. of Max	10	14	14	01	14	14	10	11
Min	-.59	2.1	3.0	3.4	2.5	4.0	9.0	5.2
Count	24	24	24	24	24	24	24	24
Total								