Date Printed: 02/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/1/2015

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	2.5	3.8	4.2	4.3	1.30	1.64	1.74	.34	.45
01:00	2.3	3.4	3.7	4.1	1.13	1.45	1.80	.32	.67
02:00	1.9	3.2	3.6	3.9	1.22	1.69	1.99	.47	.77
03:00	1.7	2.8	3.3	3.8	1.09	1.58	2.10	.49	1.01
04:00	1.9	2.8	3.1	3.5	.94	1.27	1.68	.33	.74
05:00	1.7	3.0	3.2	3.6	1.30	1.43	1.83	.13	.53
06:00	1.9	3.0	3.3	3.6	1.13	1.43	1.76	.30	.63
07:00	1.6	2.8	3.2	3.6	1.27	1.65	2.01	.38	.75
08:00	2.1	2.7	3.1	3.5	.62	1.03	1.36	.41	.74
09:00	4.0	3.9	3.8	3.9	-.08	-.15	-.12	-.07	-.04
10:00	4.8	4.5	4.3	4.4	-.25	-.45	-.43	-.20	-.18
11:00	6.4	6.2	5.9	5.9	-.28	-.51	-.57	-.23	-.29
12:00	7.4	7.3	7.1	7.1	-.06	-.22	-.24	-.16	-.17
13:00	5.8	5.7	5.6	5.6	-.09	-.21	-.23	-.12	-.14
14:00	5.6	5.4	5.3	5.3	-.16	-.22	-.22	-.06	-.06
15:00	5.8	5.6	5.4	5.4	-.16	-.34	-.40	-.17	-.24
16:00	5.8	5.7	5.5	5.5	-.09	-.25	-.28	-.16	-.19
17:00	5.4	5.3	5.2	5.2	-.06	-.18	-.21	-.12	-.16
18:00	5.4	5.3	5.3	5.3	-.07	-.15	-.08	-.08	-.01
19:00	5.6	5.7	5.7	5.8	.05	.04	.15	-.02	.10
20:00	6.0	6.1	6.1	7.0	.04	.09	.97	.05	.93
21:00	8.3	8.5	8.6	8.9	.22	.28	.62	.06	.40
22:00	9.2	9.8	9.9	10.1	.62	.71	.89	.09	.27
23:00	9.0	10.2	10.6	10.8	1.23	1.60	1.86	.36	.62
Avg	4.7	5.1	5.2	5.4	.45	.55	.75	.10	.30
Max	9.2	10.2	10.6	10.8	1.30	1.69	2.10	.49	1.01
Hr. of Max	22	23	23	23	05	02	03	03	03
Min	1.6	2.7	3.1	3.5	-.28	-.51	-.57	-.23	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	-4.1	-8.2	-1.9	5.0	62.2	41.6	3.6	2.6	0.002854
01:00	-4.2	-7.7	-2.1	5.0	62.6	44.7	3.5	2.7	0.002822
02:00	-4.2	-7.7	-2.2	4.9	64.3	45.4	3.5	2.7	0.00283
03:00	-4.0	-6.8	-2.1	4.9	66.3	49.9	3.6	2.9	0.002864
04:00	-4.3	-5.9	-2.2	4.8	64.3	53.1	3.5	3.1	0.002819
05:00	-3.4	-5.3	-1.7	4.8	69.3	55.0	3.8	3.3	0.003012
06:00	-3.3	-5.1	-1.6	4.8	69.0	55.6	3.8	3.3	0.003032
07:00	-3.1	-5.0	-1.6	4.7	71.6	56.8	3.8	3.3	0.003076
08:00	-2.7	-4.3	-1.1	4.7	71.3	60.5	4.0	3.5	0.003183
09:00	-3.4	-4.5	-.9	4.7	59.3	54.6	3.7	3.4	0.003029
10:00	-4.0	-4.6	-1.1	4.7	53.5	52.0	3.6	3.4	0.002883
11:00	-4.7	-5.5	-1.0	4.8	45.3	43.6	3.4	3.2	0.002747
12:00	-2.7	-3.9	.7	4.9	50.3	45.9	4.0	3.6	0.003246
13:00	2.8	1.6	3.8	5.0	81.7	75.8	5.8	5.4	0.004759
14:00	4.0	3.6	4.5	5.2	90.4	88.7	6.3	6.1	0.005195
15:00	4.4	4.2	4.9	5.4	91.9	91.5	6.5	6.4	0.005375
16:00	4.7	4.6	5.1	5.5	93.9	93.8	6.7	6.6	0.005495
17:00	4.4	4.3	4.7	5.6	94.2	93.9	6.5	6.5	0.005372
18:00	4.6	4.5	4.9	5.7	95.3	95.2	6.6	6.6	0.005447
19:00	4.9	4.9	5.1	5.8	95.8	95.6	6.7	6.7	0.005562
20:00	5.3	5.3	5.5	5.8	96.0	95.8	6.9	6.9	0.005738
21:00	7.6	7.8	7.8	5.9	96.4	96.3	8.1	8.2	0.006764
22:00	8.4	8.9	8.7	6.3	95.6	95.2	8.5	8.8	0.007126
23:00	8.2	9.3	8.5	6.4	96.3	95.6	8.4	9.0	0.007059
Avg	.5	-.6	1.9	5.2	76.5	69.8	5.2	4.9	0.004262
Max	8.4	9.3	8.7	6.4	96.4	96.3	8.5	9.0	0.007126
Hr. of Max	22	23	22	23	21	21	22	23	22
Min	-4.7	-8.2	-2.2	4.7	45.3	41.6	3.4	2.6	0.002747
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/1/2015

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	0.002097	4.5	3.3	.00	29.33	993.4	-2.3	.00	344.0
01:00	0.00218	4.5	3.5	.00	29.31	992.8	-2.3	.00	343.9
02:00	0.002181	4.5	3.5	.00	29.29	992.0	-2.2	.00	272.8
03:00	0.002333	4.5	3.7	.00	29.29	991.8	-2.1	.00	237.2
04:00	0.002487	4.5	3.9	.00	29.26	991.0	-1.9	.00	30.2
05:00	0.002622	4.8	4.2	.00	29.25	990.6	-2.2	.00	42.1
06:00	0.002648	4.8	4.2	.00	29.24	990.1	-3.6	-.01	18.9
07:00	0.002668	4.9	4.2	.00	29.23	989.9	.0	.00	11.6
08:00	0.002826	5.0	4.5	.00	29.23	989.7	42.2	.06	34.6
09:00	0.002774	4.8	4.4	.00	29.22	989.4	85.8	.12	225.2
10:00	0.002756	4.6	4.4	.00	29.21	989.3	133.5	.19	230.5
11:00	0.002597	4.3	4.1	.00	29.18	988.2	156.9	.22	220.1
12:00	0.002952	5.1	4.7	.00	29.12	986.2	99.7	.14	230.0
13:00	0.004387	7.5	6.9	.04	29.06	984.1	134.3	.19	296.7
14:00	0.00504	8.1	7.9	.04	29.00	982.2	96.7	.14	305.3
15:00	0.005289	8.4	8.3	.04	28.96	980.9	77.6	.11	277.5
16:00	0.005452	8.6	8.5	.01	28.93	979.8	23.9	.03	291.5
17:00	0.005336	8.4	8.3	.02	28.91	979.0	2.2	.00	230.1
18:00	0.005412	8.5	8.4	.01	28.87	977.8	-2.2	.00	313.4
19:00	0.005574	8.7	8.7	.05	28.84	976.8	-3.3	.00	149.7
20:00	0.005744	8.9	8.9	.02	28.80	975.3	-1.0	.00	246.9
21:00	0.006858	10.5	10.6	.38	28.80	975.3	-3.5	-.01	219.0
22:00	0.007398	11.0	11.4	.04	28.76	974.0	-2.0	.00	217.1
23:00	0.007618	10.9	11.8	.01	28.73	973.0	-2.1	.00	233.9
Avg	0.004051	6.7	6.3	.03	29.08	984.7	34.3	.05	276.0
Max	0.007618	11.0	11.8	.38	29.33	993.4	156.9	.22	344.0
Hr. of Max	23	22	23	21	00	00	11	11	00
Min	0.002097	4.3	3.3	.00	28.73	973.0	-3.6	-.01	11.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/1/2015

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	46.8	55.3	350.9	53.1	47.7	37.9	23.6	.1	1.1
01:00	55.4	98.3	336.3 +	97.5	56.9	46.9	28.1	.4	.3
02:00	40.2	41.9	257.8	37.7	55.3	39.6	23.4	.3	.9
03:00	244.7	32.4	240.7	30.8	54.2	62.7	33.6	.8	.9
04:00	60.3	65.3	36.4	62.3	47.0	28.0	27.0	1.0	1.9
05:00	66.6	71.1	51.3	68.4	61.8	28.8	13.8	.5	1.9
06:00	46.9	60.2	12.3	57.0	49.6	33.2	12.3	.5	1.9
07:00	57.9	60.1	11.4	57.7	57.8	28.9	7.7	.3	1.8
08:00	61.7	68.7	57.1	65.9	52.6	24.2	11.2	.1	1.7
09:00	291.8	42.4	229.2	30.8	38.4	45.5	35.7	.6	.3
10:00	234.7	224.5	236.4	226.7	18.2	13.1	11.9	2.2	3.1
11:00	232.7	231.8	226.8	233.8	23.5	20.3	22.8	2.1	3.0
12:00	232.4	227.1	236.1	229.4	26.8	23.1	23.3	2.4	3.4
13:00	292.4	266.1	302.9	267.9	49.8	39.5	22.7	1.0	2.0
14:00	300.7	278.8	299.4	278.7	57.0	56.3	50.0	.6	.9
15:00	265.7	262.3	281.5	265.7	36.4	36.3	44.2	1.1	1.4
16:00	280.3	270.6	290.3	271.1	62.4	69.8	45.7	.4	.8
17:00	263.5	287.1	235.5	287.8	25.4	24.0	24.1	1.3	1.8
18:00	329.3	312.4	286.1	313.5	62.8	46.4	51.0	.1	.4
19:00	147.3	315.6	158.2	326.8	66.7	74.9	58.2	1.2	.9
20:00	293.2	294.5	255.6	296.1	54.5	41.0	25.6	.5	.6
21:00	246.8	250.4	224.1	251.8	40.2	33.1	20.9	3.1	4.9
22:00	219.7	212.3	225.5	215.2	61.2	29.7	17.7	1.2	3.1
23:00	258.4	241.8	254.0	244.5	60.2	19.2	10.4	.6	2.6
Avg	294.0	311.0	275.0	315.0	48.6	37.6	26.9	.0	.0
Max	329.3	315.6	350.9	326.8	66.7	74.9	58.2	3.1	4.9
Hr. of Max	18	19	00	19	19	19	19	21	21
Min	40.2	32.4	11.4	30.8	18.2	13.1	7.7	.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)

2/1/2015

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	1.2	.8	1.3	1.3	1.3	1.8	3.4	.2	.07
01:00	.9	.8	.5	1.0	1.2	1.4	2.2	-.3	.03
02:00	1.6	1.0	1.2	1.8	1.4	2.2	3.1	.4	.06
03:00	.6	1.4	1.3	1.4	1.9	1.8	.9	1.1	.01
04:00	2.5	1.2	2.3	2.8	1.6	3.2	-.5	-1.2	-.05
05:00	3.6	1.0	2.2	3.7	1.5	4.1	-.8	-.5	-.03
06:00	3.4	1.1	2.1	3.6	1.5	4.0	1.0	-.4	-.02
07:00	3.4	1.2	1.9	3.5	1.6	3.9	-.2	-1.3	-.02
08:00	3.2	.9	1.9	3.3	1.4	3.7	1.5	-1.8	.01
09:00	.8	1.6	1.6	1.6	2.2	2.1	-1.1	-2.7	-.06
10:00	3.3	2.4	3.2	3.4	2.9	3.8	1.6	-1.4	.03
11:00	3.8	2.3	3.2	4.0	2.9	4.5	2.4	-1.3	.02
12:00	4.4	2.7	3.7	4.8	3.3	5.3	.1	1.6	-.09
13:00	2.8	1.8	2.7	3.3	2.3	3.8	.4	-.2	-.04
14:00	1.3	1.1	1.4	1.7	1.7	2.1	2.5	6.7	.04
15:00	1.8	1.3	1.6	1.9	1.8	2.3	-.7	1.2	-.08
16:00	1.2	.5	.9	1.3	1.1	1.8	8.7	6.3	.19
17:00	2.2	1.4	1.9	2.4	2.0	2.8	3.5	2.3	.09
18:00	.7	.5	.9	.9	1.0	1.3	3.9	1.6	.07
19:00	.2	1.6	1.5	1.8	2.2	2.4	2.9	4.4	.15
20:00	2.0	.6	1.2	2.3	1.2	2.6	-1.7	.4	-.05
21:00	7.6	4.8	7.4	10.7	5.5	11.0	.6	2.2	-.16
22:00	5.7	2.1	3.8	6.3	2.6	6.7	1.2	2.1	-.03
23:00	5.1	.8	2.7	5.2	1.2	5.6	2.0	1.7	-.01
Avg	.0	1.5	2.2	3.1	2.0	3.5	1.5	.9	.01
Max	7.6	4.8	7.4	10.7	5.5	11.0	8.7	6.7	.19
Hr. of Max	21	21	21	21	21	21	16	14	16
Min	.2	.5	.5	.9	1.0	1.3	-1.7	-2.7	-.16
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/1/2015

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	.00	5.0	5.5	4.8	3.9	5.6	10.9	7.8
01:00	.00	3.0	2.7	3.4	3.4	3.7	9.2	7.2
02:00	.02	3.9	3.0	4.1	4.4	4.5	11.3	5.9
03:00	.05	4.6	4.1	4.8	4.7	5.0	7.8	11.0
04:00	-.06	3.0	4.1	5.5	3.8	6.1	9.8	8.8
05:00	-.04	3.4	5.0	7.3	3.7	7.2	11.4	5.8
06:00	-.05	4.4	6.4	8.5	5.9	8.7	11.0	6.3
07:00	-.09	4.4	4.8	7.1	4.7	7.7	9.6	5.2
08:00	-.12	3.2	4.1	6.6	3.4	6.4	12.0	5.5
09:00	-.17	5.5	5.5	7.8	5.8	7.7	17.6	15.7
10:00	-.10	5.0	8.2	5.7	5.9	6.0	15.3	7.8
11:00	-.17	6.0	6.4	7.8	6.5	8.4	18.5	11.3
12:00	-.03	7.3	9.4	11.0	7.9	11.7	15.7	15.8
13:00	-.01	7.8	16.7	17.6	9.3	11.8	15.7	10.6
14:00	.17	7.3	6.2	6.0	5.7	6.7	18.5	16.1
15:00	.00	5.7	6.2	6.2	6.4	6.7	17.9	14.1
16:00	.14	2.5	3.7	4.8	3.5	5.2	20.8	19.5
17:00	.05	3.7	5.5	7.6	3.9	8.1	13.6	15.5
18:00	.07	2.7	5.3	6.2	3.2	6.4	13.4	14.7
19:00	.13	7.8	7.1	8.5	8.1	8.8	12.2	21.3
20:00	.03	3.7	5.5	6.0	3.8	6.5	13.9	10.2
21:00	.18	18.5	26.8	29.8	18.8	79.9	16.9	10.2
22:00	.23	7.8	9.2	12.8	8.9	13.7	16.7	8.3
23:00	.15	6.4	9.2	14.9	6.5	11.7	14.4	6.2
Avg	.02	5.5	7.1	8.5	5.9	10.6	13.9	10.9
Max	.23	18.5	26.8	29.8	18.8	79.9	20.8	21.3
Hr. of Max	22	21	21	21	21	21	16	19
Min	-.17	2.5	2.7	3.4	3.2	3.7	7.8	5.2
Count	24	24	24	24	24	24	24	24
Total								