Date Printed: 04/27/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/26/2015

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	16.3	16.3	16.3	16.4	.07	.04	.16	-.03	.09
01:00	15.6	15.7	15.7	15.9	.03	.03	.24	-.01	.21
02:00	15.2	15.4	15.4	15.7	.22	.22	.46	.00	.24
03:00	15.0	15.5	15.4	15.6	.47	.46	.62	-.01	.15
04:00	14.3	14.8	15.2	15.5	.54	.90	1.26	.36	.72
05:00	14.0	14.8	15.1	15.6	.75	1.10	1.62	.35	.87
06:00	14.3	15.0	15.3	15.7	.70	1.01	1.36	.30	.66
07:00	14.2	14.5	14.9	15.3	.28	.63	1.05	.34	.76
08:00	15.0	15.0	15.0	15.2	-.02	-.02	.20	.00	.21
09:00	16.5	16.3	16.1	16.1	-.20	-.36	-.36	-.16	-.16
10:00	16.9	16.5	16.3	16.2	-.34	-.58	-.66	-.23	-.32
11:00	18.0	17.6	17.3	17.2	-.46	-.71	-.84	-.24	-.38
12:00	17.2	16.6	16.3	16.1	-.55	-.84	-1.03	-.29	-.47
13:00	16.9	16.2	15.9	15.8	-.70	-.98	-1.13	-.28	-.43
14:00	16.5	15.8	15.5	15.3	-.67	-.98	-1.17	-.31	-.50
15:00	15.7	15.0	14.7	14.5	-.73	-1.03	-1.20	-.30	-.47
16:00	15.6	15.0	14.7	14.6	-.55	-.84	-.98	-.30	-.44
17:00	14.8	14.4	14.2	14.1	-.31	-.58	-.70	-.27	-.39
18:00	13.8	13.6	13.3	13.2	-.23	-.48	-.61	-.25	-.37
19:00	13.1	13.1	12.9	12.9	.01	-.14	-.19	-.15	-.20
20:00	10.7	11.3	12.2	12.5	.66	1.47	1.87	.81	1.20
21:00	9.3	9.9	11.1	11.9	.67	1.89	2.65	1.21	1.97
22:00	8.3	9.3	10.4	10.9	.97	2.13	2.54	1.16	1.57
23:00	7.8	8.9	9.9	10.5	1.16	2.14	2.70	.98	1.53
Avg	14.4	14.4	14.5	14.7	.07	.19	.33	.11	.25
Max	18.0	17.6	17.3	17.2	1.16	2.14	2.70	1.21	1.97
Hr. of Max	11	11	11	11	23	23	23	21	21
Min	7.8	8.9	9.9	10.5	-.73	-1.03	-1.20	-.31	-.50
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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4/26/2015

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	14.7	14.9	15.2	17.0	92.1	92.7	12.6	12.7	0.010926
01:00	14.5	14.7	14.9	16.9	94.7	95.5	12.4	12.6	0.010787
02:00	14.3	14.5	14.6	16.8	96.4	95.9	12.3	12.4	0.010673
03:00	14.2	14.3	14.5	16.7	96.9	94.6	12.2	12.3	0.0106
04:00	13.6	14.0	13.8	16.6	97.3	96.6	11.8	12.1	0.01017
05:00	13.4	13.9	13.6	16.5	97.5	96.2	11.6	12.0	0.010005
06:00	13.4	13.6	13.7	16.4	95.9	92.9	11.6	11.8	0.010028
07:00	13.5	13.6	13.8	16.3	97.0	95.5	11.7	11.7	0.010082
08:00	14.1	13.9	14.4	16.2	95.8	94.8	12.1	12.0	0.01046
09:00	14.5	14.1	15.2	16.1	89.9	88.4	12.4	12.1	0.010764
10:00	14.2	13.9	15.1	16.2	86.0	85.8	12.2	11.9	0.010565
11:00	12.8	12.3	14.5	16.3	72.7	72.6	11.0	10.7	0.009612
12:00	12.0	11.7	13.8	16.6	73.1	73.7	10.5	10.3	0.009141
13:00	11.2	10.7	13.1	17.0	70.1	70.8	10.0	9.7	0.008633
14:00	10.3	9.8	12.4	17.3	67.7	68.2	9.4	9.1	0.008122
15:00	9.4	8.9	11.5	17.5	67.2	67.9	8.9	8.6	0.007661
16:00	9.1	8.8	11.3	17.7	66.5	67.3	8.7	8.6	0.0075
17:00	8.6	8.4	10.7	17.8	67.6	67.9	8.5	8.3	0.007238
18:00	7.9	7.7	9.8	17.8	68.4	68.5	8.1	8.0	0.00687
19:00	7.8	7.3	9.6	17.7	71.3	69.0	8.0	7.8	0.006829
20:00	8.4	8.0	9.1	17.5	86.8	80.8	8.4	8.2	0.007086
21:00	7.9	8.0	8.3	17.3	92.1	89.0	8.2	8.2	0.006837
22:00	7.2	8.0	7.6	17.0	94.0	92.7	7.9	8.2	0.006544
23:00	6.8	7.8	7.1	16.7	94.7	93.7	7.6	8.1	0.006351
Avg	11.4	11.4	12.4	16.9	84.7	83.8	10.3	10.3	0.008895
Max	14.7	14.9	15.2	17.8	97.5	96.6	12.6	12.7	0.010926
Hr. of Max	00	00	09	18	05	04	00	00	00
Min	6.8	7.3	7.1	16.1	66.5	67.3	7.6	7.8	0.006351
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/26/2015

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	0.011041	16.8	16.9	.33	28.67	971.0	-1.4	.00	236.9
01:00	0.010902	16.6	16.7	.01	28.68	971.3	-1.2	.00	227.1
02:00	0.010774	16.4	16.5	.00	28.68	971.2	-3.4	.00	253.6
03:00	0.010661	16.3	16.4	.00	28.68	971.2	-1.7	.00	260.5
04:00	0.010452	15.6	16.1	.00	28.69	971.6	-1.3	.00	311.8
05:00	0.010354	15.4	15.9	.00	28.70	972.1	-.9	.00	247.1
06:00	0.010165	15.4	15.6	.00	28.72	972.5	-.2	.00	243.1
07:00	0.010106	15.5	15.6	.00	28.73	973.1	36.1	.05	237.3
08:00	0.010331	16.1	15.9	.00	28.76	973.9	76.8	.11	230.0
09:00	0.010453	16.6	16.1	.00	28.77	974.3	262.8	.38	230.1
10:00	0.01032	16.3	15.9	.00	28.78	974.7	358.1	.51	236.6
11:00	0.009316	14.8	14.4	.00	28.80	975.2	538.9	.77	271.8
12:00	0.0089	14.1	13.8	.00	28.81	975.7	538.4	.77	274.9
13:00	0.00834	13.4	12.9	.00	28.82	976.0	607.7	.87	266.3
14:00	0.007841	12.6	12.2	.00	28.83	976.3	444.1	.64	253.2
15:00	0.007394	11.9	11.5	.00	28.84	976.6	464.3	.67	269.9
16:00	0.007335	11.6	11.4	.00	28.84	976.8	299.0	.43	286.3
17:00	0.007126	11.2	11.1	.00	28.86	977.2	158.2	.23	27.0
18:00	0.00678	10.7	10.5	.00	28.89	978.2	104.0	.15	23.7
19:00	0.006614	10.6	10.3	.00	28.91	979.0	52.0	.07	352.3
20:00	0.006892	11.0	10.7	.00	28.92	979.4	2.2	.00	293.4
21:00	0.006914	10.7	10.8	.00	28.93	979.7	-2.1	.00	271.1
22:00	0.00689	10.2	10.7	.00	28.94	980.2	-2.5	.00	240.3
23:00	0.006803	9.9	10.6	.00	28.95	980.4	-2.5	.00	253.6
Avg	0.008863	13.7	13.7	.01	28.80	975.3	163.6	.24	264.0
Max	0.011041	16.8	16.9	.33	28.95	980.4	607.7	.87	352.3
Hr. of Max	00	00	00	00	23	23	13	13	19
Min	0.006614	9.9	10.3	.00	28.67	971.0	-3.4	.00	23.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/26/2015

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	247.8	255.8	242.2	256.9	28.9	22.2	16.8	4.5	7.1
01:00	230.1	232.7	232.0	235.0	19.4	9.4	5.4	3.4	6.5
02:00	235.9	222.4	255.8	224.4	43.0	24.9	11.1	1.7	3.4
03:00	220.8	190.2	264.5	192.2	29.2	34.0	22.1	.8	1.6
04:00	223.4	190.9	303.8	194.5	40.3	67.2	18.7	.6	.3
05:00	236.9	222.3	251.9	224.4	22.1	17.2	13.8	3.0	4.8
06:00	251.4	255.0	247.1	256.7	15.3	10.6	8.4	3.5	6.1
07:00	234.0	238.4	242.2	240.5	17.7	9.9	7.0	2.9	5.1
08:00	240.2	240.1	235.5	241.9	15.1	8.8	6.5	3.1	5.4
09:00	239.2	243.2	235.0	244.7	19.6	14.8	11.7	3.8	5.3
10:00	247.4	249.0	242.4	250.3	20.1	14.8	13.3	4.6	6.2
11:00	282.0	284.1	276.2	283.2	31.1	25.6	20.9	5.1	6.5
12:00	281.9	285.7	280.3	284.2	27.5	19.8	17.7	6.6	8.8
13:00	272.9	276.4	271.8	275.7	28.3	22.6	19.8	6.8	8.8
14:00	260.6	262.9	259.8	263.3	23.5	19.1	17.2	6.8	9.0
15:00	274.3	275.9	272.0	275.5	26.6	20.3	16.1	6.1	7.9
16:00	300.1	303.4	289.9	301.9	32.1	27.3	21.3	4.0	5.2
17:00	28.1	24.5	27.1	20.0	36.5	24.5	20.2	3.3	5.6
18:00	25.0	24.4	25.8	19.3	45.6	27.1	18.0	2.9	5.6
19:00	2.0	358.7	354.6	354.3	31.9	19.4	15.4	2.2	3.6
20:00	270.4	269.1	291.3	267.0	15.8	21.5	15.4	1.0	1.3
21:00	312.6	298.4	259.6	296.1	43.0	40.0	7.7	.3	1.4
22:00	251.9	267.6	243.9	266.9	22.2	22.7	22.4	1.5	1.9
23:00	247.2	297.1	251.7	295.4	53.2	65.2	24.4	.7	1.2
Avg	262.0	264.0	267.0	265.0	28.7	24.5	15.5	.0	.0
Max	312.6	358.7	354.6	354.3	53.2	67.2	24.4	6.8	9.0
Hr. of Max	21	19	19	19	23	04	23	14	14
Min	2.0	24.4	25.8	19.3	15.1	8.8	5.4	.3	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/26/2015

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	9.1	5.4	8.3	10.3	6.0	10.9	.5	.2	-.09
01:00	8.8	3.6	6.6	8.9	4.0	9.5	.3	2.5	-.07
02:00	5.4	1.9	3.5	5.5	2.3	6.0	-1.0	1.2	-.07
03:00	2.9	1.3	1.8	3.1	1.8	3.5	-1.5	.3	-.07
04:00	1.3	.7	.4	1.4	1.0	1.8	2.3	.9	.04
05:00	6.2	3.2	5.1	6.6	3.6	7.2	-2.0	1.6	-.15
06:00	8.1	3.6	6.2	8.3	4.1	8.8	-.3	1.4	-.11
07:00	6.0	3.1	5.2	6.1	3.6	6.6	-2.3	1.1	-.18
08:00	7.4	3.2	5.4	7.4	3.6	8.0	.1	.4	-.07
09:00	6.4	4.0	5.4	6.5	4.5	7.1	.4	.5	-.14
10:00	7.3	5.0	6.8	7.9	5.6	8.4	.5	-.7	-.18
11:00	8.0	5.8	7.2	8.6	6.3	9.0	-2.6	-2.3	-.59
12:00	10.6	7.3	9.4	11.1	7.8	11.5	-4.5	-3.9	-.84
13:00	10.1	7.6	9.6	10.7	8.2	11.3	-.6	-1.3	-.49
14:00	10.3	7.4	9.5	10.8	8.1	11.4	-1.0	-1.4	-.43
15:00	9.1	6.6	8.3	9.5	7.0	9.9	.7	-.4	-.33
16:00	5.9	5.6	7.3	8.1	6.0	8.6	-2.1	-2.6	-.49
17:00	6.6	3.9	6.0	6.9	4.4	7.6	-2.4	-2.6	-.46
18:00	7.4	3.5	6.1	7.7	4.1	8.4	-.8	.4	-.36
19:00	4.4	2.5	3.9	4.7	3.0	5.1	-2.4	-3.4	-.27
20:00	1.6	1.0	1.6	1.9	1.3	2.2	1.5	1.4	.02
21:00	4.4	.3	1.7	4.5	.8	4.2	1.2	3.1	.02
22:00	3.9	1.7	2.5	4.5	2.1	4.6	2.0	4.0	.06
23:00	3.5	1.0	1.8	3.7	1.5	3.9	.9	3.1	.02
Avg	.0	3.7	5.4	6.9	4.2	7.3	-.5	.1	-.22
Max	10.6	7.6	9.6	11.1	8.2	11.5	2.3	4.0	.06
Hr. of Max	12	13	13	12	13	12	04	22	22
Min	1.3	.3	.4	1.4	.8	1.8	-4.5	-3.9	-.84
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/26/2015

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	-.13	21.8	36.9	49.7	25.0	33.9	16.7	10.5
01:00	.41	8.7	16.9	15.8	9.3	13.8	13.3	3.8
02:00	.16	5.3	11.4	14.4	5.8	11.6	14.3	7.0
03:00	-.01	4.6	6.2	11.9	4.9	8.4	13.5	12.1
04:00	.01	2.5	3.2	7.3	2.5	4.6	9.9	13.1
05:00	.25	10.3	11.4	13.7	11.5	14.5	10.0	8.0
06:00	.17	8.9	12.6	20.8	10.4	14.7	10.2	5.5
07:00	.14	6.2	9.4	10.8	7.3	10.8	7.0	2.9
08:00	.03	7.8	11.0	16.0	7.8	11.8	11.0	4.4
09:00	-.02	10.3	12.8	16.7	10.8	12.5	15.3	8.7
10:00	-.26	14.0	14.7	16.0	14.3	17.1	15.8	9.9
11:00	-.71	19.5	25.9	25.2	15.6	18.8	19.8	16.0
12:00	-1.10	17.9	20.4	20.8	18.0	22.3	17.6	13.1
13:00	-.62	19.0	20.8	20.6	18.2	21.9	18.3	14.4
14:00	-.46	16.9	18.5	18.3	18.8	19.7	16.7	11.6
15:00	-.39	19.0	22.2	24.3	16.8	18.2	20.4	14.9
16:00	-.70	15.8	16.5	15.3	14.3	15.7	19.2	14.8
17:00	-.51	12.8	14.4	14.0	12.2	15.2	23.2	13.5
18:00	-.16	11.2	15.1	15.3	12.6	17.4	24.0	13.2
19:00	-.39	10.5	14.0	18.8	10.0	11.5	17.2	9.3
20:00	.02	3.0	5.7	6.0	2.9	4.9	8.0	7.3
21:00	.21	2.3	4.8	7.6	2.4	7.3	13.3	5.6
22:00	.28	3.9	6.0	13.5	4.3	9.0	7.9	7.5
23:00	.13	4.6	7.3	11.0	5.0	11.2	13.1	14.3
Avg	-.15	10.7	14.1	16.8	10.9	14.5	14.8	10.1
Max	.41	21.8	36.9	49.7	25.0	33.9	24.0	16.0
Hr. of Max	01	00	00	00	00	00	18	11
Min	-1.10	2.3	3.2	6.0	2.4	4.6	7.0	2.9
Count	24	24	24	24	24	24	24	24
Total								