Date Printed: 05/07/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/6/2015

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	19.4	21.0	21.4	22.0	1.56	1.97	2.58	.41	1.02
01:00	18.8	20.4	20.7	21.4	1.56	1.93	2.63	.37	1.06
02:00	17.8	19.4	19.8	20.6	1.59	2.07	2.84	.48	1.25
03:00	16.6	18.2	18.7	19.4	1.57	2.06	2.77	.49	1.20
04:00	15.2	17.0	17.5	18.1	1.73	2.21	2.86	.48	1.13
05:00	14.3	16.0	16.3	17.1	1.71	2.05	2.85	.34	1.14
06:00	13.6	15.1	15.5	16.2	1.46	1.89	2.57	.43	1.11
07:00	14.3	15.3	15.6	16.4	.91	1.25	2.01	.34	1.11
08:00	17.8	17.7	17.6	18.1	-.14	-.23	.26	-.09	.40
09:00	21.1	20.6	20.4	20.2	-.46	-.74	-.88	-.28	-.42
10:00	23.4 P	22.7 P	22.4 P	22.2 P	P	P	P	P	P
11:00	24.8 >	24.0 >	23.7 >	23.5 >	-.83 >	-1.11 >	-1.28 >	-.29 >	-.45 >
12:00	26.3	25.3	25.0	24.9	-1.01	-1.34	-1.45	-.32	-.44
13:00	27.3	26.3	25.9	25.7	-1.04	-1.42	-1.60	-.38	-.56
14:00	27.5	26.8	26.5	26.3	-.72	-1.05	-1.23	-.33	-.51
15:00	28.4	27.5	27.2	27.0	-.90	-1.25	-1.43	-.35	-.53
16:00	28.9	28.0	27.7	27.5	-.93	-1.25	-1.37	-.32	-.45
17:00	29.2	28.5	28.2	28.0	-.63	-.98	-1.18	-.35	-.55
18:00	27.7	28.1	28.0	28.0	.39	.35	.30	-.04	-.10
19:00	24.9	27.1	27.6	27.8	2.19	2.74	2.90	.55	.71
20:00	21.7	24.6	25.4	26.0	2.87	3.65	4.25	.78	1.38
21:00	20.2	22.6	23.4	24.4	2.41	3.13	4.20	.72	1.79
22:00	20.0	22.5	23.8	24.4	2.53	3.83	4.47	1.31	1.94
23:00	19.4	21.5	22.1	23.3	2.14	2.76	3.97	.63	1.84
Avg	21.6	22.3	22.5	22.9	.78	.98	1.35	.20	.57
Max	29.2	28.5	28.2	28.0	2.87	3.83	4.47	1.31	1.94
Hr. of Max	17	17	17	18	20	22	22	22	22
Min	13.6	15.1	15.5	16.2	-1.04	-1.42	-1.60	-.38	-.56
Count	24	24	24	24	23	23	23	23	23
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/6/2015

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	14.3	13.4	16.0	20.7	73.4	62.8	12.1	11.4	0.010408
01:00	14.2	13.7	15.7	20.5	76.0	66.7	12.1	11.6	0.010348
02:00	13.9	13.5	15.2	20.4	79.5	70.1	11.9	11.5	0.010149
03:00	13.4	13.4	14.5	20.2	82.7	75.2	11.5	11.5	0.009815
04:00	12.9	13.6	13.7	20.0	87.1	81.7	11.2	11.6	0.009478
05:00	12.5	13.6	13.1	19.8	90.2	87.0	10.9	11.7	0.009216
06:00	12.2	13.4	12.6	19.6	92.1	91.4	10.7	11.6	0.009028
07:00	12.7	13.4	13.2	19.4	91.1	90.0	11.1	11.6	0.009345
08:00	13.9	13.2	15.2	19.2	79.4	76.5	11.9	11.3	0.010142
09:00	13.6	12.9	16.1	19.1	63.7	62.6	11.6	11.1	0.010004
10:00	P	P	P	19.1 P	55.0 P	54.5 P	P	P	P
11:00	12.4 >	11.7 >	16.5 >	19.5 >	47.1 >	47.3 >	10.6 >	10.2 >	0.009269 >
12:00	12.0	11.4	16.8	20.1	41.9	42.8	10.3	9.9	0.009036
13:00	11.9	11.5	17.0	20.8	39.4	40.7	10.2	10.0	0.008999
14:00	11.6	11.4	16.9	21.6	38.1	39.1	10.0	9.9	0.00883
15:00	10.9	10.5	16.8	22.1	34.7	35.5	9.6	9.3	0.008488
16:00	10.4	9.7	16.6	22.3	32.7	32.8	9.2	8.8	0.008222
17:00	10.6	9.8	16.8	22.5	32.6	32.0	9.3	8.9	0.00832
18:00	11.9	10.6	17.2	22.6	38.9	34.8	10.2	9.4	0.009062
19:00	13.8	10.8	17.5	22.6	51.4	37.1	11.6	9.5	0.010205
20:00	14.0	12.1	16.6	22.5	62.8	46.6	11.8	10.4	0.010312
21:00	13.8	12.9	15.9	22.3	67.6	55.3	11.7	11.0	0.010116
22:00	14.1	13.4	16.1	22.1	70.3	57.7	12.0	11.4	0.010348
23:00	14.2	13.8	15.9	21.9	73.4	62.6	12.0	11.6	0.010391
Avg	12.8	12.3	15.7	20.9	62.5	57.6	11.0	10.7	0.009545
Max	14.3	13.8	17.5	22.6	92.1	91.4	12.1	11.7	0.010408
Hr. of Max	00	23	19	19	06	06	01	05	00
Min	10.4	9.7	12.6	19.1	32.6	32.0	9.2	8.8	0.008222
Count	23	23	23	24	24	24	23	23	23
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

5/6/2015

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	0.009809	16.3	15.4	.00	29.32	993.0	-3.0	.00	21.3
01:00	0.01002	16.2	15.7	.00	29.32	993.0	-2.2	.00	16.7
02:00	0.009886	15.9	15.5	.00	29.31	992.5	-.6	.00	269.4
03:00	0.009842	15.4	15.5	.00	29.30	992.4	-1.8	.00	6.8
04:00	0.009929	14.9	15.6	.00	29.30	992.2	-3.2	.00	31.3
05:00	0.009919	14.5	15.6	.00	29.30	992.1	-3.6	-.01	44.8
06:00	0.009837	14.2	15.4	.00	29.30	992.2	1.2	.00	309.4
07:00	0.00979	14.7	15.4	.00	29.32	992.8	80.2	.11	358.2
08:00	0.009678	15.9	15.2	.00	29.32	993.0	298.4	.43	106.4
09:00	0.009553	15.7	15.0	.00	29.32	992.9	514.1	.74	192.4
10:00	P	P	P	.00 P	29.31 P	992.7 P	705.1 P	1.01 P	195.9 P
11:00	0.008855 >	14.6 >	13.9 >	.00	29.30 >	992.4 >	849.3 >	1.22 >	226.0 >
12:00	0.008672	14.2	13.6	.00	29.29	991.9	947.8	1.36	136.9
13:00	0.008756	14.1	13.8	.00	29.26	991.0	992.9	1.42	113.9
14:00	0.0087	13.9	13.7	.00	29.24	990.1	708.3	1.02	4.7
15:00	0.008229	13.3	12.9	.00	29.21	989.3	814.5	1.17	30.2
16:00	0.007827	12.9	12.3	.00	29.18	988.3	660.0	.95	120.9
17:00	0.00789	13.0	12.4	.00	29.17	987.8	446.1	.64	138.7
18:00	0.008322	14.2	13.0	.00	29.16	987.6	202.0	.29	.5
19:00	0.008384	15.9	13.1	.00	29.16	987.5	104.0	.15	281.6
20:00	0.009098	16.1	14.2	.00	29.16	987.7	6.9	.01	310.7
21:00	0.009572	15.8	15.0	.00	29.18	988.2	-3.0	.00	337.5
22:00	0.009924	16.2	15.5	.00	29.20	988.8	-3.6	-.01	265.8
23:00	0.01012	16.3	15.8	.00	29.20	989.0	-1.2	.00	36.2
Avg	0.009244	15.0	14.5	.00	29.26	990.8	304.5	.44	10.0
Max	0.01012	16.3	15.8	.00	29.32	993.0	992.9	1.42	358.2
Hr. of Max	23	23	23	23	09	08	13	13	07
Min	0.007827	12.9	12.3	.00	29.16	987.5	-3.6	-.01	.5
Count	23	23	23	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/6/2015

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	39.8	330.2	24.6	327.8	62.0	33.9	36.2	.8	1.2
01:00	53.1	45.6	21.5	43.0	58.5	25.0	49.2	.6	1.3
02:00	196.5	215.9	265.4	229.7	49.8	45.9	44.8	.5	.2
03:00	49.1	179.7	317.6	178.0	34.1	44.8	19.6	.3	.1
04:00	61.0	64.3	53.5	62.3	48.9	7.3	22.5	.2	1.1
05:00	64.2	62.2	45.9	58.2	38.6	13.0	9.5	.5	1.3
06:00	86.4	63.6	282.1	58.3	46.6	54.9	17.6	.2	.5
07:00	44.8	125.4	352.0	117.6	53.8	16.9	41.9	.2	.9
08:00	47.6	296.4	115.7	300.6	34.4	42.2	38.9	.3	.3
09:00	198.1	180.5	206.2	191.7	72.8	58.2	48.0	.4	.3
10:00	210.6 P	218.0 P	200.7 P	219.2 P	46.0 P	44.9 P	40.4 P	1.9 P	2.3 P
11:00	236.9 >	247.3 >	231.5 >	252.3 >	63.7	58.5	49.3	1.5 >	1.7 >
12:00	149.6	164.8	143.5	165.3	56.4	56.7	47.7	2.1	2.3
13:00	98.0	74.1	133.3	67.0	60.5	52.9	42.9	.7	.6
14:00	12.5	8.9	4.9	4.7	65.2	38.7	32.3	1.4	2.8
15:00	49.4	34.4	15.5	28.5	55.4	46.6	48.5	.7	1.3
16:00	107.7	104.4	130.6	99.0	53.9	54.4	53.3	2.1	2.6
17:00	142.6	138.1	140.9	136.2	44.1	37.3	36.0	2.3	2.8
18:00	15.3	14.2	2.0	8.6	33.5	27.5	22.2	1.3	1.9
19:00	257.7	259.3	280.7	260.1	13.3	9.2	12.3	1.4	1.8
20:00	227.1	245.5	309.1	246.7	13.4	20.7	12.0	.7	.7
21:00	100.4	203.5	334.6	204.1	65.2	36.5	27.0	.4	.9
22:00	237.0	223.2	268.0	222.8	53.4	31.6	26.7	1.3	2.2
23:00	74.4	318.3	42.8	325.7	42.4	26.7	50.8	.5	.8
Avg	88.0	151.0	353.0	157.0	48.6	36.8	34.6	.0	.0
Max	257.7	330.2	352.0	327.8	72.8	58.5	53.3	2.3	2.8
Hr. of Max	19	00	07	00	09	11	16	17	17
Min	12.5	8.9	2.0	4.7	13.3	7.3	9.5	.2	.1
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)

5/6/2015

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	.7	1.1	1.4	1.1	1.4	1.5	2.7	3.0	.06
01:00	.8	.9	1.5	1.1	1.1	1.5	1.0	2.2	.03
02:00	.4	.7	.5	.7	1.1	1.1	2.4	1.1	.05
03:00	.2	.3	.5	.2	.5	.6	2.4	.7	.03
04:00	.9	.2	1.1	.9	.5	1.3	1.7	-1.2	.02
05:00	1.8	.7	1.3	1.9	.9	2.2	3.4	.1	.05
06:00	1.3	.6	.6	1.4	1.0	1.8	2.2	.2	.05
07:00	.5	.2	.9	.6	.5	1.1	3.4	-2.6	.05
08:00	.5	.3	.3	.7	.9	1.1	.3	-1.6	.04
09:00	.3	.8	.9	1.0	1.5	1.7	10.4	5.3	.41
10:00	2.4 P	2.6 P	2.9 P	2.9 P	3.2 P	3.6 P	2.7 P	6.9 P	.10 P
11:00	1.8 >	2.5 >	2.6 >	2.4 >	3.2 >	3.3 >	-7.9 >	-15.7 >	-.45 >
12:00	2.2	3.9	3.7	3.7	4.7	4.5	2.2	9.7	.16
13:00	.9	3.6	3.8	4.0	4.4	4.8	2.1	1.8	.16
14:00	3.3	2.8	3.8	4.4	3.4	5.1	-1.3	-5.2	-.21
15:00	2.2	3.1	3.3	3.7	3.8	4.4	6.1	4.6	.23
16:00	2.9	3.3	3.8	4.0	4.0	4.6	.1	-.3	-.07
17:00	3.0	3.0	3.4	3.5	3.7	4.2	6.8	6.5	.38
18:00	2.0	1.9	2.3	2.4	2.2	2.8	-2.5	-4.7	-.15
19:00	2.1	1.5	1.8	2.1	1.7	2.4	-2.5	-2.4	-.09
20:00	2.0	.8	1.0	2.1	1.1	2.4	1.0	1.9	.01
21:00	.6	1.0	1.3	2.1	1.3	2.5	2.2	.4	.05
22:00	3.4	2.1	2.9	4.1	2.4	4.4	2.7	1.8	.06
23:00	1.4	.6	1.1	1.9	.8	2.2	1.5	1.6	.02
Avg	.0	1.6	1.9	2.2	2.1	2.7	1.8	.6	.04
Max	3.4	3.9	3.8	4.4	4.7	5.1	10.4	9.7	.41
Hr. of Max	22	12	16	14	12	14	09	12	09
Min	.2	.2	.3	.2	.5	.6	-7.9	-15.7	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/6/2015

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	.10	4.1	3.4	3.2	3.0	3.3	10.7	16.7
01:00	.04	3.7	3.0	3.2	3.9	3.7	16.0	20.2
02:00	.03	3.9	2.7	3.2	2.3	3.4	10.9	14.1
03:00	.01	1.6	2.7	2.5	1.8	1.8	6.3	7.9
04:00	-.02	1.4	1.8	2.1	1.7	2.4	7.2	6.2
05:00	.02	1.8	2.3	3.9	2.1	4.1	8.2	2.9
06:00	.02	2.7	3.0	6.9	2.1	4.1	7.2	4.5
07:00	-.05	1.4	2.3	2.3	1.5	2.9	8.4	14.2
08:00	-.01	2.5	2.7	2.3	3.2	2.7	31.0	20.9
09:00	.20	4.4	4.6	4.1	5.3	4.7	34.5	39.9
10:00	.38 P	<	<	<	<	<	<	<
11:00	-.93 >	7.1	8.9	9.6	7.5	10.4	28.9	30.7
12:00	.87	10.8	10.8	11.4	11.0	10.7	20.0	26.5
13:00	.37	9.4	11.0	10.8	11.4	13.4	24.6	27.2
14:00	-.34	10.1	12.1	11.2	11.3	12.5	26.9	25.4
15:00	.36	10.1	14.0	11.9	9.9	13.9	27.9	30.4
16:00	-.02	10.3	12.1	10.3	10.5	11.5	24.0	26.6
17:00	.63	8.0	8.5	8.7	9.3	9.5	22.1	24.3
18:00	-.16	9.6	9.8	8.5	7.0	8.7	15.9	17.1
19:00	-.04	2.7	3.4	4.4	3.0	5.1	6.4	9.1
20:00	.08	1.8	4.1	8.0	2.3	4.9	7.9	5.8
21:00	.02	6.4	11.0	10.1	7.5	10.2	7.7	6.4
22:00	.17	10.1	16.9	19.9	6.3	11.1	11.5	11.2
23:00	.12	2.5	3.0	9.4	2.7	6.9	11.9	17.6
Avg	.08	5.5	6.7	7.3	5.5	7.0	16.4	17.6
Max	.87	10.8	16.9	19.9	11.4	13.9	34.5	39.9
Hr. of Max	12	12	22	22	13	15	09	09
Min	-.93	1.4	1.8	2.1	1.5	1.8	6.3	2.9
Count	24	23	23	23	23	23	23	23
Total								