Date Printed: 05/08/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/7/2015

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	18.4	20.8	21.5	22.2	2.40	3.09	3.77	.69	1.38
01:00	17.2	19.3	20.0	20.8	2.10	2.72	3.54	.62	1.44
02:00	16.1	17.9	18.8	19.8	1.89	2.77	3.77	.88	1.88
03:00	15.2	17.2	18.0	19.4	1.95	2.82	4.21	.87	2.26
04:00	14.6	16.3	17.0	18.0	1.75	2.40	3.39	.65	1.63
05:00	14.1	15.9	16.2	17.3	1.80	2.10	3.16	.30	1.36
06:00	13.8	15.4	15.7	16.3	1.64	1.90	2.55	.26	.91
07:00	14.3	15.4	15.5	15.7	1.07	1.21	1.42	.14	.35
08:00	17.8	17.5	17.3	17.3	-.26	-.45	-.48	-.19	-.21
09:00	20.7	20.2	20.0	19.9	-.51	-.75	-.85	-.25	-.34
10:00	23.1	22.3	22.0	21.9	-.81	-1.09	-1.22	-.28	-.41
11:00	25.3	24.5	24.2	24.1	-.82	-1.13	-1.22	-.31	-.40
12:00	27.0	26.0	25.6	25.5	-1.02	-1.36	-1.50	-.34	-.48
13:00	28.0	26.8	26.4	26.3	-1.16	-1.54	-1.68	-.38	-.52
14:00	28.7	27.6	27.3	27.3	-1.11	-1.42	-1.48	-.30	-.36
15:00	29.6	28.4	28.0	27.9	-1.22	-1.54	-1.68	-.32	-.45
16:00	29.6	28.7	28.4	28.3	-.84	-1.17	-1.32	-.34	-.48
17:00	29.6	29.1	28.8	28.6	-.52	-.81	-1.02	-.29	-.50
18:00	29.3	29.0	28.7	28.6	-.32	-.60	-.69	-.28	-.37
19:00	26.0	27.7	27.9	28.0	1.76	1.91	2.02	.16	.26
20:00	23.1	25.2	25.9	26.5	2.10	2.76	3.38	.66	1.28
21:00	23.8	24.1	24.0	24.0	.29	.25	.25	-.04	-.04
22:00	20.2	22.0	22.6	22.8	1.70	2.36	2.51	.66	.80
23:00	18.2	20.2	21.2	21.8	1.95	2.98	3.61	1.03	1.66
Avg	21.8	22.4	22.5	22.8	.58	.73	1.02	.15	.44
Max	29.6	29.1	28.8	28.6	2.40	3.09	4.21	1.03	2.26
Hr. of Max	17	17	17	18	00	00	03	23	03
Min	13.8	15.4	15.5	15.7	-1.22	-1.54	-1.68	-.38	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/7/2015

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	14.0	13.7	15.5	21.7	76.7	64.8	11.9	11.6	0.010255
01:00	13.7	13.9	14.9	21.5	81.1	71.9	11.7	11.8	0.010048
02:00	13.3	13.8	14.2	21.3	85.3	78.4	11.5	11.8	0.009813
03:00	13.1	14.0	13.8	21.1	88.7	83.3	11.4	12.0	0.009668
04:00	12.9	13.9	13.5	20.8	91.1	87.1	11.2	11.9	0.009528
05:00	12.6	13.9	13.1	20.6	92.0	89.3	11.0	11.9	0.009324
06:00	12.4	13.8	12.8	20.3	92.7	91.6	10.9	11.9	0.009197
07:00	12.9	13.7	13.4	20.1	92.9	91.1	11.3	11.8	0.009547
08:00	14.6	14.0	15.7	19.9	83.0	81.4	12.4	12.0	0.010636
09:00	14.3	13.7	16.4	19.7	68.0	67.8	12.1	11.7	0.010435
10:00	14.0	13.3	17.0	19.8	57.9	58.1	11.8	11.3	0.0103
11:00	13.0	12.4	17.1	20.1	47.5	48.0	11.0	10.6	0.009643
12:00	11.6	11.1	16.7	20.7	39.4	40.4	10.0	9.7	0.00884
13:00	11.6	11.1	17.0	21.5	37.1	38.4	10.0	9.7	0.008837
14:00	11.3	11.0	17.1	22.2	35.0	36.4	9.8	9.6	0.008715
15:00	11.3	10.8	17.4	22.7	33.2	34.4	9.7	9.5	0.00869
16:00	10.5	9.9	16.8	22.9	31.5	31.8	9.3	8.9	0.008263
17:00	11.1	10.7	17.3	23.2	32.7	32.8	9.6	9.4	0.008592
18:00	11.5	10.7	17.4	23.3	34.3	33.2	9.9	9.4	0.008827
19:00	14.5	12.2	18.3	23.3	50.7	39.3	12.1	10.4	0.010701
20:00	14.8	13.4	17.6	23.3	60.9	49.2	12.4	11.3	0.010881
21:00	13.7	13.5	17.0	23.1	54.5	53.0	11.5	11.4	0.010106
22:00	13.9	13.8	16.0	22.9	68.5	61.2	11.8	11.7	0.010246
23:00	13.6	13.5	15.1	22.7	75.9	67.0	11.6	11.5	0.010001
Avg	12.9	12.7	15.9	21.6	62.9	59.6	11.1	11.0	0.009629
Max	14.8	14.0	18.3	23.3	92.9	91.6	12.4	12.0	0.010881
Hr. of Max	20	08	19	20	07	06	20	08	20
Min	10.5	9.9	12.8	19.7	31.5	31.8	9.3	8.9	0.008263
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)

5/7/2015

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	0.010045	16.0	15.7	.00	29.21	989.2	-.5	.00	301.3
01:00	0.010172	15.7	15.9	.00	29.21	989.1	-1.1	.00	290.3
02:00	0.010156	15.4	15.9	.00	29.19	988.7	-1.0	.00	301.2
03:00	0.010274	15.1	16.1	.00	29.19	988.5	-1.0	.00	10.8
04:00	0.010203	14.9	16.0	.00	29.19	988.6	-2.5	.00	344.2
05:00	0.010167	14.6	15.9	.00	29.20	988.9	-3.4	.00	30.3
06:00	0.010102	14.4	15.8	.00	29.21	989.4	-.3	.00	36.8
07:00	0.010013	15.0	15.7	.00	29.24	990.1	74.5	.11	48.1
08:00	0.010261	16.7	16.1	.00	29.25	990.6	300.6	.43	92.8
09:00	0.010082	16.3	15.8	.00	29.25	990.7	501.0	.72	188.8
10:00	0.009839	16.1	15.4	.00	29.25	990.6	704.2	1.01	219.1
11:00	0.009272	15.1	14.5	.00	29.25	990.6	857.8	1.23	212.7
12:00	0.008522	13.9	13.4	.00	29.24	990.2	950.1	1.36	192.3
13:00	0.008528	13.9	13.4	.00	29.22	989.5	987.2	1.42	113.3
14:00	0.008495	13.7	13.3	.00	29.20	988.7	981.3	1.41	131.8
15:00	0.008393	13.6	13.2	.00	29.17	987.9	883.6	1.27	161.1
16:00	0.007932	12.9	12.4	.00	29.15	987.2	653.2	.94	149.1
17:00	0.008366	13.4	13.1	.00	29.14	986.8	437.4	.63	36.2
18:00	0.008398	13.8	13.1	.00	29.13	986.6	218.1	.31	232.2
19:00	0.009239	16.7	14.4	.00	29.13	986.5	117.0	.17	248.2
20:00	0.009978	17.0	15.6	.00	29.14	987.0	10.0	.01	317.3
21:00	0.009997	15.8	15.6	.00	29.16	987.5	-1.8	.00	193.4
22:00	0.010178	16.0	15.9	.00	29.17	987.7	-1.9	.00	262.8
23:00	0.009968	15.6	15.6	.00	29.18	988.0	-.6	.00	267.4
Avg	0.009524	15.1	14.9	.00	29.19	988.7	319.2	.46	244.0
Max	0.010274	17.0	16.1	.00	29.25	990.7	987.2	1.42	344.2
Hr. of Max	03	20	08	23	11	09	13	13	04
Min	0.007932	12.9	12.4	.00	29.13	986.5	-3.4	.00	10.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/7/2015

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	247.4	202.6	296.4	200.8	55.1	52.8	50.5	.8	1.3
01:00	176.2	185.1	279.1	189.1	57.8	34.6	43.1	.6	.1
02:00	357.3	252.8	293.3	254.3	25.5	36.0	12.1	.5	.2
03:00	212.1	255.9	258.4	256.7	42.5	39.8	18.7	.5	.4
04:00	277.5	157.1	333.5	157.0	46.5	26.5	33.0	.4	.4
05:00	55.8	29.2	35.7	27.3	43.1	15.7	23.3	.4	1.3
06:00	67.0	59.4	42.9	55.9	24.8	9.2	8.9	.7	1.6
07:00	58.1	55.4	54.6	51.3	30.4	12.3	5.4	.7	1.7
08:00	65.9	56.2	98.9	52.9	26.5	26.1	16.1	1.5	1.7
09:00	227.8	217.0	212.8	227.4	54.1	51.5	49.1	.8	.8
10:00	228.3	229.6	227.2	231.3	53.0	48.2	49.1	1.7	1.8
11:00	232.6	234.7	218.9	234.5	50.9	50.7	38.8	2.1	2.5
12:00	207.0	213.2	202.0	214.7	68.1	59.0	52.0	1.2	1.4
13:00	114.7	114.3	116.3	112.5	30.2	29.1	24.1	3.5	3.6
14:00	140.8	148.4	138.2	148.0	45.8	37.8	36.1	2.0	1.7
15:00	165.8	168.0	162.6	169.2	44.4	38.9	35.7	2.5	2.8
16:00	163.5	174.4	160.1	173.4	51.1	43.7	40.0	1.9	2.2
17:00	51.8	45.7	47.5	35.7	64.5	69.3	60.6	.5	.7
18:00	239.9	231.8	233.5	232.9	47.5	49.7	51.3	1.1	1.6
19:00	201.3	192.3	250.9	194.1	34.1	17.8	16.5	.8	1.9
20:00	180.7	174.8	315.8	176.5	52.3	37.4	25.4	.2	1.1
21:00	192.6	189.3	198.6	190.7	32.7	25.1	21.7	2.2	3.7
22:00	207.1	192.9	252.6	194.0	49.2	24.0	15.9	.4	1.8
23:00	263.0	247.0	266.5	248.9	43.4	21.9	12.8	.5	1.1
Avg	190.0	187.0	236.0	191.0	44.7	35.7	30.8	.0	.0
Max	357.3	255.9	333.5	256.7	68.1	69.3	60.6	3.5	3.7
Hr. of Max	02	03	04	03	12	17	17	13	21
Min	51.8	29.2	35.7	27.3	24.8	9.2	5.4	.2	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/7/2015

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	2.2	1.4	2.0	2.3	1.7	2.7	2.1	.2	.01
01:00	.5	.9	1.0	.8	1.2	1.2	1.4	-.4	.02
02:00	1.8	.8	1.2	1.8	1.1	2.1	1.0	.6	.01
03:00	1.6	.7	1.4	1.8	1.1	2.1	1.9	2.3	.02
04:00	1.3	.8	1.4	1.5	1.1	1.8	1.6	-.2	.04
05:00	1.2	.5	1.3	1.5	.8	1.8	2.7	1.4	.04
06:00	2.6	.7	1.7	2.7	1.0	3.0	1.3	2.1	.02
07:00	3.0	.8	1.8	3.0	1.0	3.4	1.7	-.3	.01
08:00	2.3	1.6	1.9	2.4	2.0	2.8	.5	4.1	.03
09:00	.9	1.8	2.0	2.1	2.4	2.7	-5.0	-10.6	-.21
10:00	1.7	2.5	2.5	2.3	3.1	3.0	-3.7	-8.1	-.13
11:00	2.8	3.3	3.5	3.6	4.0	4.5	-2.7	-1.0	-.19
12:00	1.7	2.8	2.9	3.4	3.4	4.1	1.0	.3	.04
13:00	3.8	4.0	4.1	4.3	4.7	5.0	-.5	-6.0	-.05
14:00	1.4	3.4	3.5	3.4	4.0	4.2	-1.9	-4.0	-.16
15:00	3.2	3.9	3.9	4.2	4.6	4.9	2.7	1.1	.17
16:00	2.5	2.6	2.6	2.9	3.2	3.5	-3.4	-6.6	-.13
17:00	.7	1.9	2.2	2.1	2.5	2.9	7.7	15.5	.26
18:00	1.8	1.8	2.3	2.4	2.4	2.9	1.4	2.1	-.04
19:00	2.8	1.3	2.2	3.1	1.5	3.5	2.2	1.1	.05
20:00	2.3	1.5	2.5	3.9	1.9	4.2	2.2	1.9	.07
21:00	5.3	3.0	4.3	5.7	3.6	6.2	2.5	-.5	.05
22:00	3.3	.9	2.3	3.4	1.3	3.8	2.4	.3	.05
23:00	2.8	.7	1.2	2.9	1.1	3.3	1.7	1.4	.03
Avg	.0	1.8	2.3	2.8	2.3	3.3	.9	-.1	.00
Max	5.3	4.0	4.3	5.7	4.7	6.2	7.7	15.5	.26
Hr. of Max	21	13	21	21	13	21	17	17	17
Min	.5	.5	1.0	.8	.8	1.2	-5.0	-10.6	-.21
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/7/2015

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	.01	5.5	6.0	8.0	6.0	8.8	11.1	10.9
01:00	.01	2.7	2.7	3.0	3.3	3.4	7.9	15.6
02:00	.03	3.2	3.4	5.3	3.7	5.1	7.3	7.4
03:00	.07	5.7	6.2	4.4	4.0	4.3	10.8	10.1
04:00	.00	3.2	3.4	5.0	3.4	4.3	9.4	7.5
05:00	.04	2.1	3.0	3.2	2.1	3.4	8.0	5.3
06:00	.11	2.3	3.4	5.5	2.6	4.6	8.8	3.6
07:00	-.03	2.5	4.6	6.4	2.3	5.5	12.9	4.3
08:00	.09	4.8	5.0	4.8	5.2	5.0	20.5	17.4
09:00	-.58	6.6	7.6	7.1	7.3	7.3	26.5	28.3
10:00	-.47	6.6	7.1	7.8	9.0	8.5	24.9	27.7
11:00	-.18	10.3	10.8	11.4	10.8	12.5	23.9	29.5
12:00	.01	8.2	9.8	11.7	9.3	11.5	28.0	30.7
13:00	-.47	10.8	9.4	9.4	11.0	10.9	20.7	23.9
14:00	-.23	8.2	8.7	10.8	10.5	10.7	24.2	30.8
15:00	.25	9.8	9.2	10.8	10.1	11.5	19.8	25.0
16:00	-.46	9.6	9.6	8.9	10.2	9.3	25.5	30.3
17:00	.85	7.8	5.7	7.1	9.3	8.1	29.2	32.7
18:00	.09	5.5	6.0	6.2	6.4	7.1	26.3	24.8
19:00	.08	2.7	4.1	6.2	4.2	6.6	13.6	9.7
20:00	.08	12.4	13.7	14.9	16.0	16.1	9.6	7.4
21:00	-.20	14.4	14.0	15.6	11.4	16.7	18.9	14.3
22:00	.02	3.4	5.5	7.1	3.4	7.6	13.4	9.7
23:00	.08	2.7	3.9	6.9	3.0	7.1	7.8	5.5
Avg	-.03	6.3	6.8	7.8	6.9	8.2	17.0	17.2
Max	.85	14.4	14.0	15.6	16.0	16.7	29.2	32.7
Hr. of Max	17	21	21	21	20	21	17	17
Min	-.58	2.1	2.7	3.0	2.1	3.4	7.3	3.6
Count	24	24	24	24	24	24	24	24
Total								