Date Printed: 03/07/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2015

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	-6.8	-6.7	-6.8	-6.9	.12	.01	-.08	-.11	-.19
01:00	-6.4	-6.5	-6.7	-6.9	-.12	-.32	-.45	-.20	-.34
02:00	-6.2	-6.3	-6.5	-6.7	-.12	-.33	-.47	-.21	-.35
03:00	-6.6	-6.6	-6.8	-6.9	-.05	-.24	-.36	-.18	-.31
04:00	-7.3	-7.2	-7.4	-7.5	.07	-.07	-.16	-.13	-.22
05:00	-7.6	-7.5	-7.6	-7.7	.09	-.03	-.11	-.13	-.20
06:00	-7.8	-7.6	-7.7	-7.7	.22	.11	.05	-.11	-.17
07:00	-7.7	-7.7	-7.9	-8.0	-.02	-.20	-.35	-.18	-.33
08:00	-6.2	-6.6	-6.9	-7.1	-.34	-.66	-.88	-.32	-.55
09:00	-4.5	-5.0	-5.4	-5.7	-.52	-.89	-1.17	-.37	-.66
10:00	-3.3	-4.1	-4.3	-4.6	-.72	-1.01	-1.27	-.30	-.56
11:00	-1.9	-2.8	-3.1	-3.3	-.84	-1.19	-1.36	-.35	-.51
12:00	-.2	-1.1	-1.4	-1.6	-.85	-1.17	-1.35	-.32	-.50
13:00	1.4	.6	.2	.1	-.80	-1.12	-1.31	-.32	-.50
14:00	2.9	2.0	1.8	1.7	-.90	-1.14	-1.24	-.24	-.34
15:00	3.8	3.0	2.7	2.5	-.81	-1.09	-1.24	-.28	-.42
16:00	4.3	3.7	3.4	3.2	-.65	-.96	-1.12	-.30	-.47
17:00	4.0	3.7	3.4	3.3	-.32	-.60	-.72	-.27	-.40
18:00	1.4	2.9	2.9	3.0	1.52	1.58	1.62	.05	.09
19:00	-1.0	1.1	1.8	2.2	2.11	2.77	3.18	.66	1.07
20:00	-1.9	.1	.9	1.4	1.93	2.79	3.27	.87	1.35
21:00	-2.5	-.9	-.1	.6	1.61	2.41	3.07	.81	1.46
22:00	-3.2	-1.7	-.8	-.2	1.44	2.32	3.00	.88	1.55
23:00	-3.6	-2.2	-1.6	-.2	1.38	2.01	3.46	.63	2.08
Avg	-2.8	-2.6	-2.7	-2.6	.14	.12	.17	-.02	.02
Max	4.3	3.7	3.4	3.3	2.11	2.79	3.46	.88	2.08
Hr. of Max	16	17	17	17	19	20	23	22	23
Min	-7.8	-7.7	-7.9	-8.0	-.90	-1.19	-1.36	-.37	-.66
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)

3/6/2015

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	-10.6	-11.1	-9.3	4.6	74.9	71.2	2.2	2.1	0.001705
01:00	-10.5	-11.2	-9.2	4.4	72.8	69.8	2.2	2.1	0.00171
02:00	-11.2	-12.0	-9.5	4.3	68.1	64.6	2.1	2.0	0.001624
03:00	-11.6	-12.3	-9.9	4.1	67.9	64.2	2.1	1.9	0.001577
04:00	-12.3	-13.0	-10.7	4.0	67.5	63.6	1.9	1.8	0.00148
05:00	-12.2	-12.9	-10.7	3.9	69.4	65.5	2.0	1.9	0.00149
06:00	-12.6	-13.3	-11.0	3.8	68.7	63.8	1.9	1.8	0.001449
07:00	-12.2	-12.9	-10.7	3.7	70.6	66.9	2.0	1.9	0.001501
08:00	-11.3	-12.1	-9.6	3.6	67.7	64.9	2.1	2.0	0.00161
09:00	-9.9	-11.0	-8.1	3.5	66.5	63.0	2.3	2.1	0.001807
10:00	-8.5	-10.0	-6.8	3.4	67.9	63.7	2.6	2.3	0.002015
11:00	-7.6	-9.5	-5.7	3.4	65.8	60.0	2.8	2.4	0.002167
12:00	-6.9	-8.8	-4.7	3.4	61.2	56.1	2.9	2.5	0.002281
13:00	-6.9	-8.2	-4.1	3.7	54.8	52.2	2.9	2.6	0.002299
14:00	-7.6	-9.3	-4.1	4.2	46.6	43.3	2.8	2.4	0.002187
15:00	-8.2	-10.0	-4.2	4.7	41.7	38.5	2.6	2.3	0.00208
16:00	-8.6	-10.1	-4.3	5.1	39.2	36.2	2.5	2.2	0.00203
17:00	-7.4	-8.7	-3.6	5.3	43.4	40.4	2.8	2.5	0.002206
18:00	-6.2	-9.3	-3.6	5.5	58.6	40.9	3.1	2.4	0.002432
19:00	-5.0	-7.4	-3.7	5.5	74.7	53.4	3.4	2.8	0.002641
20:00	-4.6	-6.1	-3.7	5.4	82.2	63.7	3.5	3.1	0.002726
21:00	-4.6	-6.2	-3.9	5.3	85.9	67.3	3.5	3.1	0.002719
22:00	-5.0	-6.0	-4.4	5.1	87.7	73.0	3.4	3.1	0.00264
23:00	-5.1	-5.2	-4.6	4.9	90.1	80.3	3.4	3.3	0.002619
Avg	-8.6	-9.9	-6.7	4.4	66.4	59.4	2.6	2.4	0.002041
Max	-4.6	-5.2	-3.6	5.5	90.1	80.3	3.5	3.3	0.002726
Hr. of Max	21	23	18	19	23	23	21	23	20
Min	-12.6	-13.3	-11.0	3.4	39.2	36.2	1.9	1.8	0.001449
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)

3/6/2015

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	0.001635	2.7	2.6	.00	29.53	1000.2	-1.8	.00	54.1
01:00	0.001624	2.7	2.6	.00	29.53	1000.2	-2.3	.00	41.6
02:00	0.001527	2.6	2.5	.00	29.54	1000.4	-2.2	.00	40.2
03:00	0.001485	2.5	2.4	.00	29.54	1000.4	-2.2	.00	36.4
04:00	0.001403	2.4	2.3	.00	29.54	1000.5	-2.0	.00	47.1
05:00	0.001416	2.4	2.3	.00	29.56	1001.0	-2.1	.00	54.9
06:00	0.00137	2.3	2.2	.00	29.56	1001.1	-1.5	.00	59.2
07:00	0.001419	2.4	2.3	.00	29.56	1001.0	48.3	.07	60.1
08:00	0.001505	2.6	2.4	.00	29.58	1001.7	293.7	.42	51.1
09:00	0.001643	2.9	2.6	.00	29.59	1002.1	521.1	.75	59.0
10:00	0.001789	3.2	2.9	.00	29.59	1002.1	627.1	.90	84.4
11:00	0.001856	3.5	3.0	.01	29.58	1001.9	800.5	1.15	110.0
12:00	0.001966	3.7	3.2	.00	29.57	1001.4	851.8	1.22	121.0
13:00	0.002063	3.7	3.3	.00	29.55	1000.7	832.0	1.19	93.6
14:00	0.0019	3.5	3.0	.00	29.53	1000.0	762.8	1.09	231.3
15:00	0.001812	3.3	2.9	.00	29.51	999.5	631.6	.91	223.5
16:00	0.001793	3.3	2.9	.00	29.51	999.2	426.3	.61	227.2
17:00	0.002008	3.5	3.2	.00	29.49	998.8	167.2	.24	235.1
18:00	0.001912	3.9	3.1	.00	29.50	999.0	15.6	.02	259.7
19:00	0.0022	4.2	3.5	.00	29.51	999.4	-2.3	.00	278.0
20:00	0.00243	4.4	3.9	.00	29.52	999.7	-2.3	.00	265.3
21:00	0.0024	4.4	3.8	.00	29.53	999.9	-2.2	.00	267.4
22:00	0.002443	4.2	3.9	.00	29.53	1000.0	-2.2	.00	246.0
23:00	0.002587	4.2	4.1	.00	29.53	999.9	-2.2	.00	265.0
Avg	0.001841	3.3	3.0	.00	29.54	1000.4	248.0	.36	48.0
Max	0.002587	4.4	4.1	.01	29.59	1002.1	851.8	1.22	278.0
Hr. of Max	23	21	23	11	10	10	12	12	19
Min	0.00137	2.3	2.2	.00	29.49	998.8	-2.3	.00	36.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2015

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	51.9	50.7	53.8	46.7	25.4	13.6	8.8	2.5	5.5
01:00	41.4	39.3	46.2	34.9	34.0	21.4	16.0	2.3	4.2
02:00	40.2	38.4	42.0	34.0	27.8	15.1	12.2	3.5	6.8
03:00	34.1	32.3	35.2	27.2	32.5	18.0	13.4	3.0	6.3
04:00	41.0	40.4	49.6	35.5	35.7	14.9	10.9	2.4	5.9
05:00	56.0	52.4	56.9	48.2	31.7	16.0	10.7	2.3	5.2
06:00	58.5	55.6	61.4	51.6	22.9	14.3	9.0	3.7	7.4
07:00	61.5	60.1	62.2	56.4	27.0	16.5	11.7	3.5	6.6
08:00	47.2	46.9	52.8	42.5	34.2	21.9	15.4	3.8	6.5
09:00	49.5	49.5	59.3	45.9	32.4	25.6	18.5	4.1	5.5
10:00	79.9	75.1	87.4	71.4	24.3	21.6	16.8	5.2	5.4
11:00	104.3	95.6	112.4	92.4	29.1	28.5	25.6	3.4	3.5
12:00	106.4	98.0	125.4	96.6	59.3	55.9	50.6	1.7	1.9
13:00	95.2	94.0	93.2	90.9	58.9	51.7	51.3	2.4	2.0
14:00	244.4	247.9	237.5	250.2	55.7	45.4	41.4	2.6	2.8
15:00	238.3	246.1	231.3	245.7	60.3	52.1	43.2	2.6	3.1
16:00	242.6	250.8	233.1	252.7	41.7	43.6	46.5	2.6	2.9
17:00	239.4	240.9	238.7	242.8	25.8	24.6	22.9	3.1	3.6
18:00	255.1	253.0	263.0	253.8	14.9	10.2	9.1	2.3	4.1
19:00	227.7	232.8	275.5	234.3	12.7	8.7	6.7	.8	2.6
20:00	239.2	239.2	259.5	240.6	19.6	10.5	4.7	1.1	2.3
21:00	231.0	233.1	244.3	234.4	40.3	9.6	7.2	.5	1.2
22:00	242.3	246.7	246.7	247.6	14.6	9.8	8.4	1.1	2.1
23:00	222.7	269.5	263.4	268.2	30.0	10.0	14.8	.3	1.7
Avg	71.0	38.0	55.0	22.0	33.0	23.3	19.8	.0	.0
Max	255.1	269.5	275.5	268.2	60.3	55.9	51.3	5.2	7.4
Hr. of Max	18	23	19	23	15	12	13	10	06
Min	34.1	32.3	35.2	27.2	12.7	8.7	4.7	.3	1.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2015

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	7.3	2.8	5.7	7.4	3.3	7.9	.1	-1.2	-.16
01:00	5.6	2.5	4.4	5.8	3.1	6.4	.2	1.3	-.16
02:00	8.0	3.8	7.0	8.1	4.4	8.7	-1.2	-1.7	-.33
03:00	7.8	3.4	6.5	8.0	4.0	8.6	.4	1.2	-.27
04:00	7.5	2.7	6.1	7.6	3.4	8.1	1.0	.0	-.18
05:00	7.2	2.6	5.3	7.3	3.3	7.8	.2	.2	-.15
06:00	10.3	4.0	7.6	10.4	4.4	10.9	-.9	-1.1	-.28
07:00	9.1	3.8	6.9	9.3	4.5	9.8	.6	.7	-.12
08:00	7.9	4.4	6.9	8.2	5.1	8.9	-.6	1.5	-.28
09:00	6.7	4.7	6.0	7.0	5.2	7.6	.0	2.3	-.20
10:00	5.8	5.5	5.7	6.0	6.0	6.7	-.5	-1.4	-.17
11:00	3.8	3.7	3.9	4.2	4.5	5.0	-3.1	-5.8	-.20
12:00	2.1	2.7	2.6	2.8	3.5	3.7	1.1	6.7	.09
13:00	1.4	3.4	3.3	2.7	4.2	3.7	4.5	5.0	.21
14:00	2.8	3.5	3.6	3.5	4.2	4.5	-3.6	-7.7	-.22
15:00	3.4	3.6	4.0	4.2	4.3	5.0	-.6	-1.4	-.07
16:00	3.0	3.3	3.8	4.0	4.0	4.8	.9	-1.7	.00
17:00	4.0	3.6	4.0	4.4	4.0	5.0	.4	.3	-.09
18:00	5.1	2.5	4.2	5.2	2.9	5.6	-.7	.1	-.07
19:00	4.1	.9	2.6	4.2	1.3	4.6	-.4	1.7	-.02
20:00	4.1	1.1	2.4	4.1	1.6	4.6	.1	1.8	-.01
21:00	2.1	.5	1.2	2.1	.9	2.6	.2	1.3	.00
22:00	2.7	1.2	2.1	2.8	1.7	3.3	-.5	1.6	-.02
23:00	2.0	.4	1.8	2.3	1.0	2.6	1.2	1.8	.01
Avg	.0	2.9	4.5	5.5	3.5	6.1	-.1	.2	-.11
Max	10.3	5.5	7.6	10.4	6.0	10.9	4.5	6.7	.21
Hr. of Max	06	10	06	06	10	06	13	12	13
Min	1.4	.4	1.2	2.1	.9	2.6	-3.6	-7.7	-.33
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2015

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	-.22	8.0	12.8	19.5	8.8	14.8	19.8	7.3
01:00	.05	8.2	12.1	14.7	9.3	12.4	23.5	12.9
02:00	-.37	11.0	16.0	16.3	11.2	16.0	20.9	10.8
03:00	-.01	12.8	16.9	15.6	12.2	15.2	21.5	10.9
04:00	-.12	9.2	16.9	16.5	11.4	15.3	24.2	9.4
05:00	-.05	9.8	11.4	14.4	9.6	14.7	20.0	8.7
06:00	-.26	11.7	15.3	17.4	13.3	18.2	18.9	7.4
07:00	-.02	13.1	17.6	24.5	12.6	17.6	18.8	9.8
08:00	-.03	13.1	17.2	20.8	14.0	18.7	21.9	13.7
09:00	.16	12.4	17.4	21.1	13.3	14.3	21.1	15.7
10:00	-.25	12.4	11.2	11.9	12.6	12.5	17.3	19.1
11:00	-.45	21.8	16.0	12.4	11.9	10.8	19.9	24.5
12:00	.44	10.1	8.2	8.7	10.1	9.6	28.7	33.4
13:00	.41	9.2	10.1	8.9	9.7	10.0	25.6	33.2
14:00	-.51	12.1	11.4	11.7	12.5	12.7	24.6	29.4
15:00	-.21	11.2	11.7	12.6	12.4	12.8	22.9	25.4
16:00	-.22	8.7	8.9	8.9	10.4	10.2	22.2	25.1
17:00	-.11	8.5	8.9	9.6	9.5	10.6	18.3	17.3
18:00	.01	11.2	12.1	12.8	7.4	9.1	8.7	5.5
19:00	.14	2.5	8.0	10.3	3.2	7.3	7.3	2.5
20:00	.15	5.3	8.2	8.9	4.3	9.2	5.8	2.8
21:00	.07	3.2	2.7	3.4	3.9	3.9	4.8	2.9
22:00	.09	3.0	5.0	6.0	3.4	4.4	5.1	2.6
23:00	.08	2.7	7.8	7.8	3.0	4.9	9.8	5.7
Avg	-.05	9.6	11.8	13.1	9.6	11.9	18.0	14.0
Max	.44	21.8	17.6	24.5	14.0	18.7	28.7	33.4
Hr. of Max	12	11	07	07	08	08	12	12
Min	-.51	2.5	2.7	3.4	3.0	3.9	4.8	2.5
Count	24	24	24	24	24	24	24	24
Total								