Date Printed: 06/07/2016 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2016

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	19.0	20.0	20.1	20.1	1.04	1.11	1.18	.08	.15
01:00	19.2	19.8	20.0	20.0	.58	.77	.81	.19	.24
02:00	19.7	19.8	20.0	20.2	.10	.29	.48	.19	.38
03:00	19.9	19.9	20.0	20.3	.01	.12	.34	.10	.32
04:00	19.8	19.9	20.1	20.3	.07	.30	.52	.23	.46
05:00	19.4	19.7	19.8	20.1	.27	.37	.66	.09	.38
06:00	19.3	19.6	19.6	19.7	.35	.34	.42	-.01	.07
07:00	20.0	19.9	19.8	19.8	-.16	-.25	-.21	-.10	-.05
08:00	20.3	20.1	19.9	19.8	-.20	-.43	-.49	-.22	-.29
09:00	20.8	20.5	20.3	20.2	-.28	-.50	-.59	-.22	-.31
10:00	22.3	21.8	21.5	21.4	-.47	-.77	-.88	-.30	-.41
11:00	24.4	23.6	23.3	23.2	-.79	-1.06	-1.14	-.26	-.34
12:00	26.2	25.2	24.9	24.8	-.96	-1.26	-1.32	-.30	-.36
13:00	26.7	25.8	25.6	25.6	-.81	-1.07	-1.10	-.26	-.28
14:00	27.4	26.5	26.2	26.1	-.90	-1.19	-1.30	-.29	-.40
15:00	27.8	27.1	26.8	26.7	-.75	-1.06	-1.12	-.31	-.38
16:00	27.9	27.4	27.1	27.0	-.51	-.81	-.87	-.30	-.37
17:00	26.7	26.5	26.4	26.5	-.14	-.24	-.16	-.10	-.01
18:00	25.2	25.8	25.9	26.1	.63	.77	.90	.14	.26
19:00	23.3	24.6	25.4	25.5	1.25	2.07	2.19	.82	.93
20:00	21.4	23.0	24.1	24.6	1.61	2.69	3.18	1.09	1.57
21:00	19.3	21.0	21.9	22.5	1.76	2.68	3.28	.91	1.51
22:00	18.4	19.7	20.6	21.2	1.35	2.20	2.80	.85	1.45
23:00	17.9	19.1	19.7	20.4	1.25	1.84	2.57	.59	1.31
Avg	22.2	22.3	22.5	22.6	.18	.29	.42	.11	.24
Max	27.9	27.4	27.1	27.0	1.76	2.69	3.28	1.09	1.57
Hr. of Max	16	16	16	16	21	20	21	20	20
Min	17.9	19.1	19.6	19.7	-.96	-1.26	-1.32	-.31	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2016

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	18.2	19.5	18.5	23.4	97.4	99.2	15.5	16.8	0.013568
01:00	18.4	19.3	18.7	23.2	97.5	99.2	15.8	16.6	0.013781
02:00	19.0	19.3	19.2	23.1	97.6	99.2	16.2	16.6	0.014243
03:00	19.1	19.4	19.4	23.0	97.6	99.2	16.4	16.7	0.014424
04:00	19.0	19.4	19.3	22.9	97.6	99.2	16.3	16.7	0.014335
05:00	18.6	19.2	18.9	22.8	97.5	99.3	16.0	16.5	0.013968
06:00	18.5	19.1	18.8	22.7	97.5	99.3	15.8	16.4	0.013832
07:00	19.2	19.3	19.5	22.6	97.3	99.2	16.5	16.6	0.014455
08:00	18.8	18.6	19.3	22.5	92.8	93.3	16.0	15.9	0.014067
09:00	18.3	18.0	19.1	22.5	87.7	87.7	15.6	15.3	0.013665
10:00	18.3	17.5	19.6	22.5	80.0	78.5	15.5	14.8	0.013643
11:00	18.3	17.3	20.3	22.6	70.8	69.5	15.4	14.5	0.013738
12:00	17.4	16.2	20.3	22.8	60.1	58.9	14.5	13.5	0.012976
13:00	16.9	15.9	20.1	23.2	56.4	55.4	14.0	13.2	0.012547
14:00	16.7	15.6	20.2	23.7	53.4	52.4	13.8	12.9	0.012416
15:00	16.2	15.0	20.1	24.0	50.5	48.9	13.4	12.5	0.012051
16:00	16.7	15.5	20.4	24.3	52.2	49.8	13.8	12.9	0.012466
17:00	16.6	15.1	19.9	24.5	55.4	50.7	13.8	12.5	0.01235
18:00	18.5	15.9	20.7	24.7	68.3	55.9	15.6	13.2	0.013939
19:00	18.7	17.2	20.2	24.7	76.9	65.1	15.8	14.4	0.014067
20:00	18.9	17.6	19.7	24.7	87.8	73.6	16.1	14.8	0.014238
21:00	17.4	17.9	18.0	24.6	90.6	84.0	14.7	15.1	0.012909
22:00	17.2	18.4	17.6	24.4	94.4	94.0	14.6	15.7	0.01273
23:00	16.8	18.6	17.2	24.2	95.7	98.8	14.3	15.9	0.012474
Avg	18.0	17.7	19.4	23.5	81.4	79.6	15.2	15.0	0.013453
Max	19.2	19.5	20.7	24.7	97.6	99.3	16.5	16.8	0.014455
Hr. of Max	07	00	18	20	04	06	07	00	07
Min	16.2	15.0	17.2	22.5	50.5	48.9	13.4	12.5	0.012051
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)

6/6/2016

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	0.014741	21.0	22.7	.00	28.98	981.5	-1.8	.00	266.5
01:00	0.014535	21.3	22.4	.00	28.98	981.4	-2.3	.00	288.1
02:00	0.01457	22.0	22.5	.00	28.97	981.1	-2.2	.00	219.8
03:00	0.014678	22.2	22.6	.00	28.97	981.1	-2.1	.00	241.3
04:00	0.014638	22.1	22.6	.00	28.97	980.9	-2.3	.00	229.9
05:00	0.014469	21.6	22.3	.00	28.97	981.2	-2.0	.00	244.9
06:00	0.014399	21.4	22.2	.00	28.98	981.4	6.1	.01	207.3
07:00	0.014605	22.3	22.5	.00	28.98	981.3	54.9	.08	241.8
08:00	0.013965	21.7	21.6	.00	28.98	981.5	134.1	.19	199.3
09:00	0.013439	21.1	20.8	.00	28.99	981.6	211.2	.30	197.0
10:00	0.013006	21.1	20.1	.00	28.99	981.6	599.2	.86	189.1
11:00	0.012842	21.2	19.8	.00	28.97	981.2	803.6	1.15	274.4
12:00	0.012004	20.0	18.6	.00	28.96	980.8	1026.0	1.47	240.0
13:00	0.011743	19.4	18.2	.00	28.95	980.3	741.8	1.06	223.4
14:00	0.011543	19.2	17.8	.00	28.92	979.4	891.4	1.28	205.0
15:00	0.01118	18.6	17.3	.00	28.91	979.0	676.2	.97	204.1
16:00	0.011546	19.2	17.8	.00	28.90	978.6	462.3	.66	239.3
17:00	0.011231	19.0	17.3	.00	28.88	978.2	311.0	.45	294.1
18:00	0.011837	21.4	18.3	.00	28.87	977.8	211.8	.30	287.6
19:00	0.012833	21.6	19.8	.00	28.86	977.5	130.9	.19	296.3
20:00	0.013145	21.9	20.2	.00	28.87	977.7	21.1	.03	297.6
21:00	0.013337	19.9	20.5	.00	28.87	977.7	-1.5	.00	310.1
22:00	0.013789	19.6	21.2	.00	28.88	978.1	-1.9	.00	279.0
23:00	0.013931	19.2	21.4	.00	28.89	978.5	-1.8	.00	253.1
Avg	0.01325	20.8	20.4	.00	28.94	980.0	261.0	.38	246.0
Max	0.014741	22.3	22.7	.00	28.99	981.6	1026.0	1.47	310.1
Hr. of Max	00	07	00	23	10	10	12	12	21
Min	0.01118	18.6	17.3	.00	28.86	977.5	-2.3	.00	189.1
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)

6/6/2016

Interval: 001h

	41_WDir_035m	42_WDir_060m	46_SWDir_015m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m	57_RWSpd_060m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH	MPH
00:00	229.3	196.1	268.7	21.0	17.8	13.7	1.1	2.0	2.9
01:00	246.6	208.8	278.0	36.9	16.7	16.5	.5	1.3	1.7
02:00	229.0	222.2	241.4	31.7	10.2	8.3	.3	1.0	2.2
03:00	232.9	232.5	245.3	19.0	12.6	8.1	1.5	2.9	4.3
04:00	244.0	252.9	234.6	15.0	9.3	9.5	1.5	2.9	3.6
05:00	234.3	222.9	249.5	13.8	10.6	9.9	2.0	3.5	4.8
06:00	219.8	218.9	221.4	31.6	27.0	24.3	.6	1.3	1.5
07:00	282.3	302.9	255.1	57.9	51.9	56.8	.4	.7	.8
08:00	206.1	186.9	209.0 +	43.8	30.9	27.2	1.4	1.4	1.5
09:00	215.1	204.5	196.8	68.7	47.8	40.6	.7	.9	1.3
10:00	208.1	190.7	199.5	65.6	57.9	40.7	.7	.9	1.0
11:00	268.6	211.6	289.1	57.3	54.7	57.4	.1	.5	1.0
12:00	254.2	250.9	245.6	54.3	43.0	39.5	2.3	2.9	3.2
13:00	239.0	233.7	228.2	45.6	34.9	37.3	2.6	3.2	3.6
14:00	193.0	185.4	215.2	70.4	60.9	51.5	1.6	1.8	2.1
15:00	208.0	205.1	211.2	40.6	35.5	31.8	2.2	2.9	3.3
16:00	253.0	244.5	242.1	30.7	34.2	32.6	2.3	3.0	3.5
17:00	303.8	301.3	294.8	22.8	18.0	13.6	2.1	3.3	4.8
18:00	303.4	304.2	288.3	13.5	11.9	9.0	1.7	3.1	4.7
19:00	298.5	306.9	294.3	14.1	12.0	11.5	1.4	2.8	4.1
20:00	245.6	249.2	296.1	15.3	10.8	9.9	1.1	1.7	2.1
21:00	189.1	168.6	306.6	11.2	48.6	14.4	.7	.2	.4
22:00	241.2	223.3	275.9	10.2	13.0	7.3	.6	1.5	1.9
23:00	221.8	233.6	254.6	8.2	5.5	9.6	1.2	1.7	2.0
Avg	239.0	229.0	251.0	33.3	28.2	24.2	.0	.0	.0
Max	303.8	306.9	306.6	70.4	60.9	57.4	2.6	3.5	4.8
Hr. of Max	17	19	21	14	14	11	13	05	17
Min	189.1	168.6	196.8	8.2	5.5	7.3	.1	.2	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2016

Interval: 001h

	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m	73_VSSpd_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH	MPH
00:00	1.2	2.1	3.0	1.5	3.3	-1.5	-1.6	-.06	-.11
01:00	.6	1.4	1.8	.9	2.1	.2	-3.4	-.03	-.12
02:00	.3	1.1	2.3	.8	2.5	.8	-.8	.01	-.03
03:00	1.6	3.1	4.5	2.0	4.7	-2.4	-.4	-.10	-.04
04:00	1.7	3.0	3.7	2.1	3.9	.5	1.0	.00	.07
05:00	2.1	3.7	4.9	2.4	5.2	-2.4	-.9	-.12	-.07
06:00	.7	1.6	1.8	1.2	2.2	3.3	-.4	.07	-.02
07:00	.6	.9	1.0	1.1	1.3	1.2	1.4	.00	.01
08:00	1.8	2.2	2.2	2.3	2.5	-3.2	-4.7	-.10	-.22
09:00	1.1	1.4	1.7	1.7	2.1	-.2	2.6	-.04	.10
10:00	1.7	1.8	1.8	2.2	2.5	-6.6	-15.6	-.22	-.65
11:00	2.0	2.0	2.0	2.7	2.7	.2	9.4	.06	.39
12:00	3.3	3.9	4.0	4.0	4.7	-3.1	-7.9	-.23	-.83
13:00	3.3	3.8	4.2	3.9	4.8	-1.4	-6.1	-.17	-.49
14:00	2.6	2.6	2.7	3.3	3.5	-2.8	-1.2	-.03	-.07
15:00	3.4	4.0	4.1	3.9	4.7	-1.9	-3.1	-.16	-.21
16:00	3.0	3.8	4.3	3.6	4.7	1.0	4.5	-.05	.22
17:00	2.2	3.5	4.9	2.4	4.9	-2.1	-2.0	-.18	-.26
18:00	1.8	3.2	4.7	1.8	4.7	-1.4	-3.1	-.08	-.30
19:00	1.5	3.0	4.2	1.7	4.1	-1.4	-1.3	-.06	-.16
20:00	1.2	1.7	2.4	1.4	2.5	2.5	2.1	.06	.09
21:00	.7	.2	.5	.9	1.0	-1.1	-1.0	-.02	-.02
22:00	.6	1.5	2.0	.9	2.2	-1.0	-.4	-.01	-.01
23:00	1.2	1.7	2.1	1.6	2.4	.9	.6	.02	.03
Avg	1.7	2.4	3.0	2.1	3.3	-.9	-1.3	-.06	-.11
Max	3.4	4.0	4.9	4.0	5.2	3.3	9.4	.07	.39
Hr. of Max	15	15	17	12	05	06	11	06	11
Min	.3	.2	.5	.8	1.0	-6.6	-15.6	-.23	-.83
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2016

Interval: 001h

	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	2.7	4.4	5.7	3.1	6.3	9.3	9.2	21.5	21.4
01:00	3.2	3.9	6.0	2.9	4.2	10.7	7.4	21.2	21.2
02:00	2.1	3.2	5.5	2.6	5.8	7.4	5.5	21.2	21.4
03:00	4.1	5.5	6.6	3.3	7.1	7.9	3.6	21.4	21.4
04:00	5.0	6.9	8.0	5.1	6.3	7.9	4.9	21.3	21.6
05:00	7.3	10.3	10.5	4.9	8.1	8.1	3.3	21.1	21.3
06:00	2.7	3.2	6.4	3.2	5.4	11.8	8.6	21.0	20.8
07:00	2.5	3.0	3.0	2.8	3.3	20.3	19.5	21.3	20.9
08:00	4.6	5.0	5.0	4.8	5.3	19.2	13.6	21.5	20.8
09:00	3.9	3.9	4.6	4.6	5.4	28.7	31.1	21.9	21.2
10:00	4.8	5.0	5.0	5.7	6.4	27.2	34.0	23.1	22.4
11:00	7.3	7.1	7.3	7.8	7.6	30.9	35.4	24.8	24.2
12:00	9.2	10.1	8.9	11.7	10.2	24.0	23.0	26.1	25.3
13:00	10.3	9.4	11.7	10.1	12.4	20.7	21.2	26.7	26.0
14:00	8.5	9.4	10.5	9.8	10.5	28.4	34.1	27.4	26.6
15:00	8.0	9.6	9.8	9.9	10.2	19.2	21.3	27.8	27.0
16:00	8.7	8.9	8.5	9.7	9.7	20.6	17.9	28.1	27.4
17:00	6.4	10.1	12.1	5.7	9.3	17.8	10.5	27.5	27.0
18:00	5.0	6.6	8.9	5.3	8.8	11.2	6.5	26.8	26.6
19:00	3.2	6.2	10.1	3.6	8.1	10.0	8.2	25.7	26.2
20:00	3.7	5.5	7.1	2.4	4.6	7.9	3.6	24.1	25.5
21:00	2.5	1.1	3.0	2.4	2.4	7.9	7.6	22.2	23.8
22:00	1.6	2.3	3.0	1.8	3.3	7.1	2.9	21.0	22.5
23:00	2.5	3.9	3.9	2.8	4.2	4.0	3.4	20.5	21.8
Avg	5.0	6.0	7.1	5.3	6.9	15.3	14.0	23.6	23.5
Max	10.3	10.3	12.1	11.7	12.4	30.9	35.4	28.1	27.4
Hr. of Max	13	05	17	12	13	11	11	16	16
Min	1.6	1.1	3.0	1.8	2.4	4.0	2.9	20.5	20.8
Count	24	24	24	24	24	24	24	24	24
Total									