Date Printed: 06/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/10/2015

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	17.6	19.1	19.6	20.3	1.42	1.93	2.66	.51	1.24
01:00	17.3	18.6	19.1	19.8	1.31	1.80	2.59	.49	1.28
02:00	16.7	17.7	18.2	19.4	1.01	1.51	2.65	.50	1.64
03:00	16.3	17.3	17.7	18.2	.94	1.34	1.90	.41	.96
04:00	15.9	17.0	17.4	17.9	1.09	1.55	2.04	.46	.95
05:00	15.7	16.7	17.1	17.6	1.08	1.46	1.91	.38	.83
06:00	15.6	16.6	17.0	17.6	1.04	1.38	2.00	.34	.95
07:00	16.8	17.1	17.3	17.6	.22	.45	.71	.22	.49
08:00	19.3	19.0	18.8	18.7	-.26	-.47	-.60	-.21	-.34
09:00	22.0	21.7	21.4	21.3	-.33	-.61	-.75	-.28	-.43
10:00	24.3 P	23.8 P	23.6 P	23.4 P	P	P	P	P	P
11:00	26.3	25.7	25.4	25.2	-.57	-.90	-1.02	-.33	-.44
12:00	27.8	27.2	26.9	26.8	-.62	-.89	-1.04	-.27	-.42
13:00	29.1	28.2	28.0	27.9	-.84	-1.10	-1.22	-.26	-.38
14:00	29.6	29.0	28.7	28.5	-.61	-.89	-1.02	-.28	-.41
15:00	30.0	29.3	29.0	28.9	-.62	-1.00	-1.08	-.37	-.45
16:00	30.1	29.6	29.3	29.2	-.52	-.78	-.90	-.27	-.38
17:00	30.3	29.8	29.5	29.3	-.51	-.83	-.98	-.32	-.47
18:00	29.4	29.5	29.3	29.3	.04	-.15	-.14	-.20	-.18
19:00	27.1	28.4	28.7	29.0	1.37	1.64	1.91	.26	.54
20:00	24.4	26.3	27.1	27.8	1.91	2.66	3.38	.76	1.47
21:00	22.3	24.6	25.5	26.2	2.30	3.18	3.89	.88	1.60
22:00	21.1	23.3	23.7	24.3	2.14	2.62	3.13	.48	.99
23:00	20.3	22.0	22.5	23.4	1.71	2.18	3.06	.46	1.35
Avg	22.7	23.2	23.4	23.7	.55	.70	1.00	.15	.45
Max	30.3	29.8	29.5	29.3	2.30	3.18	3.89	.88	1.64
Hr. of Max	17	17	17	18	21	21	21	21	02
Min	15.6	16.6	17.0	17.6	-.84	-1.10	-1.22	-.37	-.47
Count	24	24	24	24	23	23	23	23	23
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/10/2015

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	16.1	17.0	16.6	25.3	92.4	89.5	13.7	14.4	0.011822
01:00	15.9	16.7	16.4	25.0	93.6	90.7	13.5	14.2	0.01169
02:00	15.5	16.4	15.9	24.7	94.2	93.6	13.2	13.9	0.011368
03:00	15.2	16.4	15.6	24.4	94.7	96.5	12.9	13.9	0.011155
04:00	14.8	16.2	15.2	24.1	94.9	97.0	12.7	13.8	0.010873
05:00	14.6	16.0	15.0	23.9	95.2	97.3	12.5	13.6	0.010752
06:00	14.6	15.9	15.0	23.6	95.6	97.1	12.5	13.5	0.01074
07:00	15.7	15.9	16.1	23.3	94.5	94.4	13.3	13.5	0.011498
08:00	16.8	16.2	17.7	23.1	87.6	85.6	14.3	13.7	0.012409
09:00	17.4	16.5	19.0	23.0	76.9	73.7	14.7	13.8	0.012902
10:00	P	P	P	23.0 P	66.8 P	64.1 P	P	P	P
11:00	17.6	16.3	20.5	23.3	60.4	57.7	14.7	13.6	0.013073
12:00	17.3	16.1	20.8	23.9	54.3	52.3	14.3	13.4	0.012867
13:00	16.7	15.4	20.8	24.7	48.6	46.8	13.8	12.7	0.012411
14:00	16.2	15.1	20.7	25.4	45.9	44.1	13.4	12.5	0.01207
15:00	16.1	15.0	20.7	25.8	44.5	42.8	13.3	12.4	0.011977
16:00	16.0	14.9	20.7	26.0	43.8	42.1	13.1	12.3	0.011869
17:00	16.2	15.3	20.9	26.3	43.9	42.8	13.3	12.6	0.012058
18:00	17.6	16.0	21.6	26.5	50.7	45.5	14.6	13.2	0.013229
19:00	19.2	17.2	21.8	26.6	64.1	51.9	16.2	14.2	0.014567
20:00	19.1	17.6	20.9	26.6	74.2	60.6	16.2	14.7	0.01441
21:00	18.2	17.5	19.5	26.5	79.2	66.2	15.3	14.6	0.013544
22:00	18.0	18.2	19.0	26.3	84.1	75.2	15.2	15.4	0.013362
23:00	17.9	18.3	18.7	26.0	88.1	81.5	15.2	15.5	0.013324
Avg	16.6	16.4	18.7	24.9	73.7	70.4	14.0	13.7	0.012347
Max	19.2	18.3	21.8	26.6	95.6	97.3	16.2	15.5	0.014567
Hr. of Max	19	23	19	20	06	05	20	23	19
Min	14.6	14.9	15.0	23.0	43.8	42.1	12.5	12.3	0.01074
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)

6/10/2015

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	0.012528	18.3	19.4	.00	29.01	982.3	-1.0	.00	330.3
01:00	0.01231	18.1	19.1	.00	29.00	982.1	-2.4	.00	348.4
02:00	0.012042	17.6	18.6	.00	28.99	981.8	-3.3	.00	259.4
03:00	0.012067	17.3	18.7	.00	28.99	981.8	-2.2	.00	256.8
04:00	0.011902	16.9	18.4	.00	29.00	982.2	-2.7	.00	318.9
05:00	0.011776	16.7	18.3	.00	29.01	982.4	-3.1	.00	349.3
06:00	0.011665	16.7	18.1	.00	29.03	983.0	9.9	.01	15.1
07:00	0.01164	17.8	18.1	.00	29.04	983.5	119.3	.17	223.4
08:00	0.011926	19.2	18.5	.00	29.05	983.8	339.7	.49	201.2
09:00	0.012119	20.0	18.8	.00	29.05	983.8	532.0	.76	159.9
10:00	P	P	P	.00 P	29.04 P	983.6 P	727.6 P	1.04 P	176.2 P
11:00	0.012078	20.2	18.7	.00	29.04	983.5	877.5	1.26	176.4
12:00	0.011947	19.9	18.5	.00	29.04	983.4	969.0	1.39	220.9
13:00	0.01139	19.2	17.7	.00	29.03	983.0	1001.8	1.44	216.0
14:00	0.011198	18.7	17.4	.00	29.02	982.8	970.1	1.39	199.4
15:00	0.011114	18.6	17.2	.00	29.01	982.3	908.3	1.30	239.6
16:00	0.011079	18.4	17.2	.00	28.99	981.7	547.2	.78	249.1
17:00	0.011402	18.7	17.7	.00	28.97	981.2	347.9	.50	278.8
18:00	0.011907	20.4	18.4	.00	28.97	981.0	287.6	.41	287.1
19:00	0.012788	22.4	19.8	.00	28.97	981.0	173.3	.25	274.5
20:00	0.013161	22.2	20.3	.00	28.98	981.6	22.7	.03	309.8
21:00	0.012994	20.9	20.1	.00	29.00	982.1	-1.2	.00	329.4
22:00	0.013608	20.7	21.0	.00	29.02	982.7	-2.2	.00	350.8
23:00	0.013693	20.6	21.2	.00	29.02	982.7	-1.4	.00	319.5
Avg	0.012101	19.1	18.7	.00	29.01	982.5	325.6	.47	269.0
Max	0.013693	22.4	21.2	.00	29.05	983.8	1001.8	1.44	350.8
Hr. of Max	23	19	23	23	09	09	13	13	22
Min	0.011079	16.7	17.2	.00	28.97	981.0	-3.3	.00	15.1
Count	23	23	23	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/10/2015

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	54.7	98.3	317.6	91.7	53.1	39.1	22.7	.3	.4
01:00	47.0	20.3	347.7	16.5	40.3	26.3	16.9	.7	1.0
02:00	219.5	305.1	260.7	308.3	22.3	31.2	36.0	1.4	.8
03:00	250.8	232.2	255.4	235.3	52.5	50.5	18.9	.7	.9
04:00	58.2	14.0	309.4	350.5	47.1	26.4	43.8	.3	.5
05:00	47.4	66.6	338.0	61.9	36.2	45.2	26.6	.4	.9
06:00	42.4	33.7	351.4	27.2	58.0	29.2	13.8	.3	.9
07:00	80.2	33.1	233.9	20.0	52.0	58.1	53.4	.5	.2
08:00	208.5	126.3	213.5	129.1	41.7	52.3	49.8	.9	.7
09:00	164.9	177.2	171.6	177.1	51.3	57.1	63.0	.9	.7
10:00	192.5 P	199.2 P	182.0 P	200.8 P	43.7 P	36.0 P	32.1 P	1.6 P	1.9 P
11:00	190.2	199.5	181.1	199.5	31.2	26.2	28.1	2.7	3.0
12:00	221.7	207.1	221.4	208.6	66.5	59.6	58.4	.8	1.1
13:00	216.7	222.1	228.4	222.1	54.5	59.7	53.4	1.8	1.9
14:00	214.5	220.6	209.2	222.8	53.6	47.0	39.6	2.4	2.6
15:00	252.4	251.8	240.8	252.2	55.6	48.3	40.2	1.7	2.6
16:00	261.9	261.8	253.2	261.4	74.1	63.1	57.1	1.2	1.7
17:00	287.9	290.4	279.5	288.6	34.1	24.1	23.0	2.0	2.7
18:00	284.3	277.5	286.8	277.3	23.3	21.3	16.2	1.7	2.6
19:00	242.8	238.3	274.1	240.7	12.9	7.8	5.6	1.3	2.6
20:00	246.5	219.8	309.7	239.1	15.1	27.3	45.1	1.0	.8
21:00	55.5	57.1	328.5	47.9	33.6	36.6	26.8	.5	.9
22:00	61.1	62.5	350.3	58.6	22.2	9.2	4.5	.5	1.3
23:00	52.0	52.6	314.1	47.8	28.0	43.7	10.8	.3	.6
Avg	218.0	234.0	270.0	259.0	41.8	38.6	32.7	.0	.0
Max	287.9	305.1	351.4	350.5	74.1	63.1	63.0	2.7	3.0
Hr. of Max	17	02	06	04	16	16	09	11	11
Min	42.4	14.0	171.6	16.5	12.9	7.8	4.5	.3	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/10/2015

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	.5	.6	.4	.6	.9	1.0	1.2	.2	.02
01:00	1.2	1.2	1.0	1.3	1.5	1.6	1.3	1.0	.04
02:00	.4	1.5	1.3	1.5	1.9	1.9	.0	2.3	-.01
03:00	1.7	1.1	1.3	1.9	1.4	2.1	.4	1.3	-.01
04:00	.1	.7	.6	.3	1.1	.6	1.7	.3	.02
05:00	1.2	1.0	1.0	1.3	1.3	1.6	2.6	-.2	.05
06:00	1.5	.8	1.1	1.6	1.1	1.9	.2	.8	-.01
07:00	.5	.5	.4	.9	.9	1.3	3.6	-1.7	.05
08:00	.4	1.1	.9	.7	1.6	1.2	-8.2	-12.7	-.18
09:00	.6	1.2	1.1	1.1	1.8	1.7	.1	4.1	-.01
10:00	2.0 P	2.1 P	2.3 P	2.3 P	2.8 P	3.0 P	3.4 P	2.7 P	.19 P
11:00	3.2	3.0	3.3	3.5	3.6	3.9	-1.7	.7	-.11
12:00	1.3	2.4	2.4	2.2	3.0	2.9	-.2	-1.0	.04
13:00	2.2	2.8	3.1	3.2	3.4	3.9	-.7	2.2	-.04
14:00	3.1	3.2	3.4	3.7	3.8	4.4	.7	.1	.00
15:00	3.1	3.2	3.8	4.1	3.7	4.6	-1.5	-6.2	-.16
16:00	2.1	2.7	3.1	3.3	3.3	3.9	-3.3	-.3	-.28
17:00	2.8	2.5	3.2	3.2	3.0	3.6	1.5	-5.3	.02
18:00	2.7	1.8	2.7	2.8	2.1	3.1	4.6	-3.0	.10
19:00	3.4	1.4	2.6	3.5	1.7	3.8	-2.5	.1	-.09
20:00	1.5	1.1	.9	1.6	1.3	1.9	.0	.7	.00
21:00	.7	.8	1.1	.7	1.1	1.1	2.9	-.4	.05
22:00	2.3	.7	1.3	2.4	1.0	2.6	2.7	-.2	.04
23:00	1.0	.6	.6	1.0	.9	1.3	1.6	-.5	.02
Avg	.0	1.6	1.8	2.0	2.0	2.5	.4	-.6	-.01
Max	3.4	3.2	3.8	4.1	3.8	4.6	4.6	4.1	.19
Hr. of Max	19	15	15	15	14	15	18	09	10
Min	.1	.5	.4	.3	.9	.6	-8.2	-12.7	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/10/2015

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	1.8	1.6	2.1	2.0	2.3	6.1	6.4
01:00	.03	2.5	3.2	3.4	3.0	4.2	6.8	6.2
02:00	.06	3.2	3.0	5.5	3.6	4.6	5.7	10.7
03:00	.05	5.0	4.8	4.8	3.8	4.4	7.3	5.5
04:00	.00	2.5	2.1	1.8	2.7	2.1	7.9	9.0
05:00	.00	3.4	3.0	3.7	3.9	3.9	8.5	5.9
06:00	.03	4.4	2.7	2.7	3.1	3.2	9.7	6.3
07:00	-.05	3.0	1.6	2.5	3.1	2.4	16.8	10.8
08:00	-.36	3.9	3.9	3.2	5.1	3.4	24.3	24.7
09:00	.22	4.4	3.9	4.8	4.8	5.4	31.8	38.9
10:00	.15 P	<	<	<	<	<	<	<
11:00	-.03	8.5	7.8	10.1	7.8	8.0	22.3	23.8
12:00	.07	7.8	8.0	9.2	7.7	7.6	26.1	37.5
13:00	.17	7.6	8.2	8.5	8.4	10.9	27.1	29.8
14:00	-.12	8.7	9.2	8.9	10.4	10.8	25.8	26.8
15:00	-.51	9.4	10.5	12.6	9.8	14.7	21.3	23.1
16:00	-.07	7.3	8.5	9.4	8.0	9.7	23.5	28.1
17:00	-.39	7.6	6.4	7.6	8.8	8.5	24.0	21.7
18:00	-.21	4.8	5.0	4.8	4.7	5.2	20.7	18.8
19:00	.00	2.7	5.5	7.3	3.0	5.0	8.2	3.6
20:00	.04	3.2	5.3	6.6	2.6	4.0	7.0	12.4
21:00	.00	2.5	2.5	2.5	2.8	2.8	6.8	9.2
22:00	.00	2.5	3.0	4.6	2.7	4.3	6.9	2.5
23:00	-.01	2.7	1.8	2.3	2.3	2.4	7.2	3.1
Avg	-.04	4.8	4.8	5.6	5.0	5.6	15.3	15.9
Max	.22	9.4	10.5	12.6	10.4	14.7	31.8	38.9
Hr. of Max	09	15	15	15	14	15	09	09
Min	-.51	1.8	1.6	1.8	2.0	2.1	5.7	2.5
Count	24	23	23	23	23	23	23	23
Total								