Date Printed: 06/10/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2015

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	19.2	19.1	19.2	19.4	-.11	-.06	.11	.05	.22
01:00	19.2	19.0	19.1	19.3	-.13	-.10	.10	.04	.23
02:00	19.0	18.9	19.0	19.1	-.12	-.07	.10	.05	.22
03:00	19.1	18.9	18.9	19.0	-.15	-.18	-.10	-.04	.05
04:00	19.3	19.2	19.2	19.3	-.12	-.16	.00	-.04	.12
05:00	19.5	19.4	19.4	19.4	-.08	-.17	-.12	-.09	-.04
06:00	19.3	19.4	19.3	19.4	.04	.00	.10	-.04	.06
07:00	19.5	19.4	19.4	19.6	-.09	-.10	.07	-.01	.16
08:00	20.5	20.2	20.0	19.9	-.31	-.51	-.57	-.20	-.26
09:00	21.6	21.2	20.9	20.9	-.40	-.61	-.69	-.21	-.29
10:00	22.8	22.4	22.2	22.0	-.40	-.66	-.78	-.25	-.38
11:00	24.0	23.6	23.4	23.3	-.40	-.64	-.73	-.24	-.33
12:00	25.6	25.0	24.8	24.6	-.62	-.85	-.99	-.23	-.37
13:00	26.9	26.1	25.9	25.8	-.82	-1.04	-1.11	-.22	-.29
14:00	28.0	27.3	27.0	26.9	-.70	-1.00	-1.09	-.30	-.38
15:00	29.0	28.3	27.9	27.8	-.76	-1.09	-1.22	-.33	-.46
16:00	29.4	28.8	28.5	28.3	-.67	-.96	-1.10	-.29	-.43
17:00	29.3	28.8	28.6	28.4	-.43	-.69	-.85	-.27	-.43
18:00	28.5	28.5	28.3	28.3	-.02	-.18	-.20	-.16	-.17
19:00	25.4	27.3	27.8	27.9	1.94	2.40	2.57	.46	.63
20:00	22.7	24.4	26.2	27.1	1.79	3.55	4.44	1.76	2.65
21:00	20.5	22.6	24.0	25.1	2.10	3.48	4.60	1.37	2.50
22:00	19.2	21.3	21.9	22.7	2.09	2.64	3.45	.54	1.36
23:00	18.2	20.0	20.7	21.5	1.81	2.42	3.28	.61	1.47
Avg	22.7	22.9	23.0	23.1	.14	.23	.39	.08	.24
Max	29.4	28.8	28.6	28.4	2.10	3.55	4.60	1.76	2.65
Hr. of Max	16	17	17	17	21	20	21	20	20
Min	18.2	18.9	18.9	19.0	-.82	-1.09	-1.22	-.33	-.46
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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6/9/2015

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	18.3	18.3	18.6	24.7	96.4	97.3	15.6	15.7	0.013637
01:00	18.2	18.4	18.6	24.4	96.4	98.1	15.6	15.7	0.013586
02:00	18.1	18.3	18.4	24.2	96.6	98.5	15.5	15.7	0.01351
03:00	18.2	18.4	18.5	24.1	96.5	98.6	15.5	15.7	0.013539
04:00	18.4	18.6	18.7	23.9	96.3	98.4	15.7	15.9	0.013733
05:00	18.5	18.7	18.9	23.8	96.2	97.6	15.9	16.0	0.013867
06:00	18.4	18.7	18.7	23.7	96.4	98.0	15.7	16.0	0.013738
07:00	18.6	18.7	18.9	23.5	96.6	98.1	15.9	16.1	0.013883
08:00	19.1	19.1	19.5	23.4	93.8	95.6	16.3	16.3	0.014314
09:00	19.1	18.9	19.9	23.4	87.8	89.0	16.3	16.1	0.014332
10:00	19.4	19.0	20.6	23.5	83.3	82.8	16.6	16.1	0.014683
11:00	18.8	18.2	20.6	23.6	74.5	73.2	15.9	15.3	0.014142
12:00	18.2	17.3	20.7	24.0	65.2	64.0	15.3	14.5	0.01361
13:00	18.4	17.1	21.2	24.5	61.2	59.2	15.4	14.3	0.013794
14:00	17.8	16.7	21.2	25.1	55.2	53.8	14.8	13.9	0.013294
15:00	16.2	15.0	20.5	25.5	47.3	45.6	13.4	12.4	0.012047
16:00	15.2	14.0	19.9	25.7	43.2	41.7	12.5	11.7	0.011309
17:00	14.4	13.4	19.4	26.0	41.5	39.9	11.9	11.2	0.010766
18:00	15.3	13.8	19.7	26.2	46.3	41.7	12.7	11.5	0.011418
19:00	17.7	14.4	20.3	26.3	64.3	46.3	14.8	12.0	0.013223
20:00	18.0	15.9	19.6	26.2	76.8	60.3	15.2	13.2	0.013432
21:00	17.5	16.5	18.5	26.1	84.7	70.1	14.8	13.8	0.012991
22:00	17.0	16.6	17.7	25.9	88.5	76.1	14.4	14.0	0.012537
23:00	16.4	17.1	17.0	25.6	90.6	84.9	13.9	14.4	0.012057
Avg	17.7	17.1	19.4	24.7	78.2	75.4	15.0	14.5	0.013227
Max	19.4	19.1	21.2	26.3	96.6	98.6	16.6	16.3	0.014683
Hr. of Max	10	08	14	19	07	03	10	08	10
Min	14.4	13.4	17.0	23.4	41.5	39.9	11.9	11.2	0.010766
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2015

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	0.013671	21.1	21.1	.00	29.03	983.2	-1.5	.00	227.2
01:00	0.013712	21.0	21.2	.00	29.01	982.5	-2.6	.00	228.4
02:00	0.013666	20.9	21.1	.01	29.00	982.1	-2.7	.00	233.3
03:00	0.013713	20.9	21.2	.00	28.99	981.7	-1.6	.00	224.5
04:00	0.013917	21.2	21.5	.00	29.00	982.0	-1.1	.00	239.9
05:00	0.014003	21.4	21.6	.00	28.99	981.8	-2.0	.00	250.3
06:00	0.013992	21.2	21.6	.00	29.00	982.2	6.6	.01	257.8
07:00	0.014023	21.5	21.7	.00	29.02	982.8	89.9	.13	240.2
08:00	0.014316	22.1	22.1	.00	29.03	983.2	140.9	.20	248.5
09:00	0.014176	22.1	21.9	.00	29.04	983.4	354.6	.51	283.3
10:00	0.014237	22.7	22.0	.00	29.03	983.3	450.8	.65	169.8
11:00	0.01355	21.8	21.0	.00	29.02	982.8	565.1	.81	277.1
12:00	0.01287	21.0	19.9	.00	29.02	982.7	846.9	1.21	246.6
13:00	0.012721	21.3	19.7	.00	29.01	982.3	1028.3	1.47	169.9
14:00	0.012434	20.5	19.2	.00	28.99	981.7	881.9	1.26	210.5
15:00	0.011128	18.6	17.2	.00	28.97	981.1	930.0	1.33	270.3
16:00	0.010488	17.5	16.3	.00	28.95	980.4	553.0	.79	283.9
17:00	0.010097	16.7	15.7	.00	28.93	979.8	343.6	.49	300.5
18:00	0.010308	17.7	16.0	.00	28.94	980.1	298.1	.43	288.9
19:00	0.010694	20.4	16.6	.00	28.96	980.7	171.8	.25	294.5
20:00	0.011724	20.7	18.1	.00	28.96	980.8	22.4	.03	308.1
21:00	0.01222	20.1	18.9	.00	28.97	981.1	-2.4	.00	314.4
22:00	0.012276	19.4	19.0	.00	28.99	981.7	-2.6	.00	348.2
23:00	0.012627	18.7	19.5	.00	29.00	982.0	-1.1	.00	351.6
Avg	0.012773	20.4	19.8	.00	28.99	981.9	277.8	.40	261.0
Max	0.014316	22.7	22.1	.01	29.04	983.4	1028.3	1.47	351.6
Hr. of Max	08	10	08	02	09	09	13	13	23
Min	0.010097	16.7	15.7	.00	28.93	979.8	-2.7	.00	169.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2015

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	253.1	257.9	233.0	259.4	15.8	11.3	8.3	1.1	2.2
01:00	245.4	260.4	230.0	262.5	38.3	14.9	8.9	.7	1.7
02:00	237.1	259.1	236.9	260.0	23.9	11.3	10.5	1.3	2.2
03:00	216.4	213.9	229.7	216.0	20.2	13.7	11.9	1.3	2.4
04:00	221.7	206.3	244.9	208.2	22.7	14.8	9.6	1.3	2.5
05:00	227.4	206.2	253.3	207.6	32.9	23.1	12.6	1.1	2.0
06:00	241.8	222.3	261.3	225.0	20.5	12.4	7.0	1.4	2.6
07:00	233.7	219.1	245.2	221.7	19.8	8.5	7.3	1.7	3.4
08:00	255.0	250.4	251.0	252.5	41.6	45.2	46.1	2.1	2.7
09:00	289.8	283.7	287.3	281.8	48.9	53.8	52.5	1.9	2.4
10:00	179.4	182.7	177.4	182.5	40.3	33.7	32.7	1.3	1.4
11:00	298.7	292.9	268.9	291.8	55.2	47.2	41.0	1.0	1.6
12:00	275.5	293.6	247.4	290.0	53.9	57.8	59.1	1.1	1.6
13:00	186.8	197.6	177.7	198.4	51.1	39.3	38.0	2.8	2.8
14:00	229.3	229.4	217.7	230.3	54.9	52.1	45.9	2.4	2.9
15:00	289.0	296.0	275.1	293.2	43.1	39.0	31.4	3.3	4.4
16:00	289.6	294.5	285.6	292.3	35.4	27.8	21.4	3.7	5.0
17:00	310.9	314.1	302.4	310.2	41.5	28.9	24.9	3.4	4.8
18:00	296.4	298.0	291.2	295.2	31.6	22.2	20.6	2.2	3.4
19:00	292.7	294.4	293.1	291.1	9.3	7.9	5.9	1.8	3.4
20:00	297.9	299.5	305.7	296.9	18.3	36.5	4.7	.8	1.9
21:00	298.4	267.2	314.6	264.5	41.7	45.0	48.9	.6	.4
22:00	60.8	51.8	347.4	50.9	43.1	12.1	23.3	.7	1.7
23:00	51.6	51.2	349.3	46.6	44.3	12.2	12.9	.4	1.1
Avg	261.0	260.0	263.0	260.0	35.3	27.9	24.4	.0	.0
Max	310.9	314.1	349.3	310.2	55.2	57.8	59.1	3.7	5.0
Hr. of Max	17	17	23	17	11	12	12	16	16
Min	51.6	51.2	177.4	46.6	9.3	7.9	4.7	.4	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/9/2015

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	3.9	1.1	2.3	3.9	1.7	4.2	1.2	.6	.02
01:00	3.2	.8	1.9	3.3	1.3	3.5	1.2	3.6	.04
02:00	2.7	1.5	2.3	2.8	1.9	3.0	-.1	1.7	-.02
03:00	2.7	1.5	2.5	2.9	1.9	3.2	-1.4	-.4	-.07
04:00	4.0	1.4	2.7	4.2	1.9	4.5	-2.3	-.4	-.11
05:00	3.1	1.3	2.1	3.2	1.7	3.5	-2.7	-.6	-.09
06:00	3.7	1.5	2.7	3.7	1.9	4.0	-1.3	-.8	-.06
07:00	4.4	1.8	3.5	4.5	2.3	4.9	-2.0	-.3	-.14
08:00	2.8	2.3	3.0	3.2	2.8	3.6	-.3	4.6	-.14
09:00	2.9	2.3	2.8	3.3	2.8	3.7	-5.3	-7.6	-.45
10:00	1.7	2.0	2.0	2.2	2.5	2.7	-3.1	-6.0	-.11
11:00	1.8	2.0	2.3	2.3	2.5	2.8	-5.2	-5.8	-.28
12:00	1.6	2.5	2.3	2.4	3.2	3.2	-5.9	.4	-.39
13:00	2.8	3.4	3.3	3.4	4.0	4.0	2.6	4.2	.15
14:00	3.2	3.2	3.7	3.9	4.0	4.7	-2.8	2.4	-.11
15:00	5.3	3.9	4.9	5.8	4.6	6.3	-.2	-4.3	-.27
16:00	6.2	4.4	5.5	6.6	4.9	7.1	-2.1	-3.7	-.39
17:00	6.1	4.0	5.5	6.7	4.6	7.2	-.4	-1.7	-.30
18:00	4.2	2.5	3.6	4.5	2.9	4.6	-.9	-2.5	-.16
19:00	4.3	1.8	3.5	4.3	1.9	4.2	-2.6	-1.5	-.10
20:00	4.6	.9	1.9	4.7	1.2	4.2	-.6	2.4	-.02
21:00	1.8	.8	.9	2.7	1.2	2.7	1.8	1.1	.03
22:00	1.6	1.0	1.7	1.7	1.2	2.1	1.5	1.6	.02
23:00	1.8	.5	1.2	1.8	.9	2.1	1.2	.1	.02
Avg	.0	2.0	2.8	3.7	2.5	4.0	-1.2	-.5	-.12
Max	6.2	4.4	5.5	6.7	4.9	7.2	2.6	4.6	.15
Hr. of Max	16	16	17	17	16	17	13	08	13
Min	1.6	.5	.9	1.7	.9	2.1	-5.9	-7.6	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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6/9/2015

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	.04	5.0	6.6	9.2	3.8	8.2	11.7	5.1
01:00	.23	7.1	8.0	11.7	4.3	8.1	12.8	5.8
02:00	.08	3.2	3.9	4.1	3.6	4.7	9.5	3.9
03:00	-.03	3.4	5.7	6.0	3.6	6.2	11.1	5.1
04:00	-.05	4.4	6.6	8.9	4.1	9.5	10.8	4.7
05:00	-.02	4.4	4.8	8.0	3.8	7.7	10.2	7.5
06:00	-.05	4.1	4.6	5.3	3.7	5.6	9.5	3.2
07:00	-.03	5.7	6.4	7.6	5.8	7.5	13.0	3.9
08:00	.04	7.6	7.8	9.6	6.3	7.9	20.0	19.4
09:00	-.62	8.5	7.8	8.0	8.9	8.4	25.1	23.1
10:00	-.27	5.0	6.9	6.2	7.9	6.9	23.1	26.7
11:00	-.43	6.9	6.9	6.2	7.3	6.8	25.9	26.7
12:00	-.38	8.0	7.8	8.0	8.5	8.9	24.8	32.8
13:00	.09	9.4	9.2	10.8	10.9	10.9	23.0	28.0
14:00	.12	9.4	11.2	11.4	11.1	12.4	24.1	27.4
15:00	-.73	13.3	12.1	13.7	13.1	13.8	24.1	21.4
16:00	-.77	11.9	12.4	12.6	11.6	14.9	21.9	17.8
17:00	-.56	11.2	12.6	14.0	11.7	14.8	23.3	18.0
18:00	-.35	8.9	13.1	15.6	9.9	12.5	18.6	13.4
19:00	-.12	5.3	10.8	11.2	5.3	7.0	7.5	4.7
20:00	.17	3.0	5.7	8.2	2.7	6.9	11.4	4.7
21:00	.09	3.0	5.5	11.9	3.1	8.0	15.0	11.6
22:00	.08	2.5	3.0	3.7	2.9	3.9	9.5	6.8
23:00	.01	2.7	4.4	6.0	2.9	3.6	8.6	5.1
Avg	-.14	6.4	7.7	9.1	6.5	8.5	16.4	13.6
Max	.23	13.3	13.1	15.6	13.1	14.9	25.9	32.8
Hr. of Max	01	15	18	18	15	16	11	12
Min	-.77	2.5	3.0	3.7	2.7	3.6	7.5	3.2
Count	24	24	24	24	24	24	24	24
Total								