Date Printed: 02/10/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/9/2015

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	14.2	14.9	14.9	15.0	.67	.66	.76	-.01	.09
01:00	12.5	13.4	13.5	13.7	.90	1.00	1.17	.10	.28
02:00	11.2	12.4	12.8	12.9	1.13	1.55	1.70	.42	.57
03:00	10.9	12.0	12.3	12.7	1.05	1.37	1.73	.32	.68
04:00	10.7	12.0	12.5	12.8	1.37	1.84	2.14	.47	.77
05:00	10.9	12.3	12.5	12.7	1.45	1.61	1.84	.16	.39
06:00	11.2	12.3	12.4	12.5	1.12	1.19	1.29	.06	.17
07:00	11.0	12.3	12.3	12.3	1.24	1.29	1.32	.05	.08
08:00	11.5	12.3	12.2	12.1	.77	.67	.62	-.10	-.14
09:00	11.9	12.0	11.8	11.8	.10	-.08	-.16	-.17	-.26
10:00	12.8	12.6	12.3	12.3	-.22	-.44	-.52	-.21	-.29
11:00	14.1	13.8	13.6	13.5	-.23	-.46	-.56	-.23	-.33
12:00	14.7	14.3	14.0	13.9	-.34	-.64	-.81	-.29	-.47
13:00	14.7	14.5	14.2	14.1	-.23	-.52	-.63	-.29	-.40
14:00	13.8	13.9	13.7	13.7	.08	-.06	-.10	-.14	-.17
15:00	12.1	11.9	11.8	11.7	-.12	-.27	-.36	-.16	-.25
16:00	10.2	10.1	9.9	9.8	-.17	-.36	-.48	-.19	-.31
17:00	9.0	8.9	8.7	8.6	-.07	-.25	-.36	-.18	-.28
18:00	7.6	7.6	7.4	7.3	-.03	-.22	-.32	-.18	-.28
19:00	6.7	6.6	6.4	6.3	-.06	-.24	-.34	-.18	-.28
20:00	6.1	6.0	5.8	5.7	-.07	-.26	-.36	-.18	-.28
21:00	5.3	5.2	5.0	4.9	-.09	-.28	-.39	-.19	-.30
22:00	4.9	4.8	4.6	4.5	-.07	-.27	-.37	-.19	-.29
23:00	4.3	4.2	4.0	3.9	-.10	-.30	-.41	-.20	-.31
Avg	10.5	10.8	10.8	10.8	.34	.27	.27	-.06	-.07
Max	14.7	14.9	14.9	15.0	1.45	1.84	2.14	.47	.77
Hr. of Max	13	00	00	00	05	04	04	04	04
Min	4.3	4.2	4.0	3.9	-.34	-.64	-.81	-.29	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/9/2015

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	8.3	8.2	10.3	7.1	68.6	65.1	8.3	8.2	0.007055
01:00	9.6	9.4	10.6	7.1	84.0	78.2	9.1	9.0	0.0077
02:00	10.3	10.1	10.6	7.2	95.1	87.2	9.6	9.4	0.008073
03:00	10.1	10.1	10.4	7.2	95.8	89.1	9.4	9.4	0.007972
04:00	9.9	9.9	10.1	7.3	96.1	87.7	9.3	9.3	0.007852
05:00	10.0	9.9	10.3	7.3	95.3	86.2	9.4	9.3	0.007904
06:00	9.9	9.9	10.3	7.3	93.1	86.6	9.3	9.3	0.007873
07:00	10.1	10.1	10.4	7.3	95.1	87.6	9.4	9.4	0.007954
08:00	10.3	10.2	10.7	7.4	93.9	88.3	9.6	9.5	0.008102
09:00	10.5	10.4	11.0	7.4	92.4	90.8	9.7	9.6	0.008195
10:00	11.0	10.7	11.6	7.5	90.3	89.4	10.0	9.7	0.008487
11:00	10.6	10.3	11.8	7.6	81.0	80.6	9.7	9.5	0.008276
12:00	10.5	10.3	11.9	7.8	77.3	77.9	9.6	9.5	0.008219
13:00	10.5	10.4	11.9	8.1	76.9	77.5	9.6	9.5	0.00821
14:00	10.8	10.6	11.8	8.3	83.8	82.2	9.8	9.7	0.008398
15:00	8.9	8.4	9.9	8.5	81.9	80.0	8.7	8.4	0.007371
16:00	6.5	6.1	7.7	8.7	78.2	77.1	7.4	7.2	0.006218
17:00	5.2	5.0	6.4	8.9	78.0	77.3	6.8	6.7	0.005677
18:00	4.1	3.9	5.3	8.9	79.1	78.5	6.3	6.3	0.005251
19:00	3.3	3.1	4.4	8.8	79.7	79.2	6.0	5.9	0.004957
20:00	2.5	2.3	3.7	8.7	78.4	77.7	5.7	5.6	0.004675
21:00	1.5	1.3	2.8	8.5	77.3	76.6	5.3	5.3	0.004362
22:00	.8	.6	2.1	8.4	75.2	74.5	5.0	5.0	0.00412
23:00	.5	.3	1.8	8.2	76.8	76.1	5.0	4.9	0.004037
Avg	7.7	7.6	8.7	7.9	84.3	81.3	8.3	8.2	0.006956
Max	11.0	10.7	11.9	8.9	96.1	90.8	10.0	9.7	0.008487
Hr. of Max	10	10	13	18	04	09	10	14	10
Min	.5	.3	1.8	7.1	68.6	65.1	5.0	4.9	0.004037
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/9/2015

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	0.006997	11.0	10.9	.00	28.93	979.8	-2.3	.00	244.2
01:00	0.007607	12.0	11.8	.00	28.93	979.7	-1.8	.00	243.6
02:00	0.007972	12.6	12.4	.00	28.93	979.6	-2.4	.00	242.9
03:00	0.007946	12.4	12.3	.01	28.91	979.0	-1.7	.00	234.0
04:00	0.007845	12.2	12.2	.00	28.90	978.5	-2.3	.00	221.4
05:00	0.007868	12.3	12.2	.00	28.89	978.5	-2.7	.00	232.7
06:00	0.007889	12.2	12.3	.00	28.90	978.8	-2.3	.00	224.7
07:00	0.007955	12.4	12.4	.00	28.91	979.0	.6	.00	237.4
08:00	0.008014	12.6	12.5	.00	28.92	979.3	19.3	.03	276.6
09:00	0.008107	12.7	12.6	.00	28.91	979.2	42.7	.06	249.3
10:00	0.008275	13.2	12.9	.00	28.91	978.9	247.8	.36	236.7
11:00	0.008107	12.9	12.6	.00	28.90	978.8	218.7	.31	299.2
12:00	0.008102	12.8	12.6	.00	28.89	978.4	239.7	.34	27.0
13:00	0.008153	12.7	12.6	.00	28.87	977.7	157.4	.23	.3
14:00	0.008283	13.0	12.8	.12	28.86	977.3	107.7	.15	334.0
15:00	0.007142	11.5	11.1	.00	28.87	977.8	202.6	.29	274.7
16:00	0.00606	9.7	9.4	.00	28.89	978.5	115.4	.17	273.9
17:00	0.005592	8.9	8.7	.00	28.92	979.5	24.6	.04	264.5
18:00	0.005196	8.2	8.1	.00	28.95	980.4	-.6	.00	259.8
19:00	0.004902	7.8	7.7	.00	28.98	981.4	-2.0	.00	252.5
20:00	0.004615	7.3	7.2	.00	29.01	982.3	-2.2	.00	270.0
21:00	0.004299	6.8	6.7	.00	29.03	983.1	-1.9	.00	292.5
22:00	0.004062	6.5	6.4	.00	29.04	983.6	-2.3	.00	313.9
23:00	0.003976	6.3	6.2	.00	29.05	983.7	-1.9	.00	318.0
Avg	0.006874	10.8	10.7	.01	28.93	979.7	56.3	.08	267.0
Max	0.008283	13.2	12.9	.12	29.05	983.7	247.8	.36	334.0
Hr. of Max	14	10	10	14	23	23	10	10	14
Min	0.003976	6.3	6.2	.00	28.86	977.3	-2.7	.00	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/9/2015

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	248.5	240.9	248.7	243.6	18.5	13.3	10.4	3.1	5.2
01:00	258.1	260.8	248.7	263.1	21.4	16.5	12.0	2.5	4.4
02:00	261.5	259.4	247.0	261.5	12.8	7.7	6.2	1.8	4.2
03:00	240.8	234.1	238.7	236.5	13.9	6.6	4.8	1.8	4.3
04:00	239.7	231.4	226.7	234.1	12.8	7.8	6.0	.9	3.0
05:00	234.8	227.3	238.5	230.2	10.9	6.9	5.8	2.9	5.5
06:00	237.8	233.8	229.6	236.1	14.2	8.2	6.5	1.5	3.4
07:00	242.4	234.3	241.4	236.9	19.9	10.7	7.7	1.8	3.5
08:00	281.9	273.5	278.9	274.7	29.6	18.5	15.0	1.5	2.8
09:00	263.3	266.4	254.8	267.7	24.4	19.2	13.7	2.3	3.1
10:00	248.6	251.1	243.2	253.4	24.6	19.1	17.2	2.6	3.3
11:00	309.7	309.6	300.4	308.1	43.3	37.0	32.4	1.8	2.5
12:00	28.8	21.4	28.6	17.6	38.6	34.3	29.3	1.4	2.5
13:00	14.0	15.7	2.2	12.7	54.5	27.4	21.2	1.6	2.7
14:00	341.4	337.1	333.5	333.9	40.5	26.8	21.4	2.6	4.2
15:00	286.1	289.7	280.2	289.7	22.3	20.2	16.5	7.6	10.7
16:00	284.7	288.7	278.8	288.8	23.0	19.2	15.5	6.4	8.7
17:00	277.8	282.0	269.9	282.6	21.9	19.9	16.7	5.0	6.5
18:00	277.5	282.1	265.0	282.5	28.7	24.2	20.0	4.2	5.6
19:00	268.1	272.5	258.6	274.2	20.8	17.5	14.9	4.3	5.9
20:00	284.7	290.5	274.5	290.5	22.9	20.2	16.5	3.8	5.2
21:00	299.8	304.6	295.2	303.1	27.9	23.4	18.2	3.3	4.5
22:00	325.4	323.1	317.1 +	320.9	38.0	29.3	21.6	2.2	3.4
23:00	334.0	328.5	320.0	325.7	39.3	35.5	28.4	2.3	3.4
Avg	279.0	279.0	272.0	280.0	26.0	19.6	15.7	.0	.0
Max	341.4	337.1	333.5	333.9	54.5	37.0	32.4	7.6	10.7
Hr. of Max	14	14	14	14	13	11	11	15	15
Min	14.0	15.7	2.2	12.7	10.9	6.6	4.8	.9	2.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/9/2015

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	7.2	3.4	5.5	7.5	3.9	8.0	-.7	1.2	-.12
01:00	6.3	2.8	4.7	6.6	3.3	6.9	-.8	2.2	-.12
02:00	6.2	1.8	4.3	6.3	2.3	6.6	.3	1.7	.01
03:00	6.4	1.9	4.3	6.5	2.4	6.9	-.3	1.8	-.02
04:00	5.6	.9	3.1	5.7	1.5	6.1	1.8	1.4	.03
05:00	7.4	2.9	5.5	7.4	3.4	8.0	-1.5	1.1	-.12
06:00	4.9	1.6	3.5	5.0	2.0	5.4	1.1	1.2	.02
07:00	4.6	2.0	3.7	4.8	2.4	5.2	-.8	1.1	-.06
08:00	3.9	1.8	3.0	4.1	2.2	4.3	-.8	.8	-.09
09:00	3.9	2.4	3.3	4.1	2.9	4.4	-.7	-2.1	-.11
10:00	3.9	2.8	3.6	4.1	3.5	4.6	-.1	-.2	-.07
11:00	2.8	2.8	3.3	3.5	3.2	3.9	-1.9	1.0	-.26
12:00	2.9	2.5	3.5	3.8	3.0	4.4	-.3	-2.8	-.17
13:00	3.0	1.9	2.9	3.2	2.3	3.7	4.0	.8	-.01
14:00	5.3	3.3	4.9	6.0	3.7	6.5	.1	-3.2	-.18
15:00	12.8	8.2	11.3	13.3	8.6	13.6	-2.9	-2.1	-.76
16:00	10.6	6.9	9.1	11.0	7.2	11.2	-1.5	-1.2	-.53
17:00	7.8	5.4	6.9	8.2	5.8	8.5	-2.6	-1.8	-.43
18:00	7.1	4.6	6.0	7.5	5.1	7.9	-3.1	-1.9	-.47
19:00	7.3	4.6	6.2	7.6	5.2	8.0	-.5	-.2	-.20
20:00	6.4	4.2	5.5	6.7	4.6	7.0	-2.4	-1.8	-.34
21:00	5.8	3.6	4.9	6.1	4.0	6.4	-.8	-2.3	-.29
22:00	5.2	2.6	3.9	5.7	3.2	6.2	-2.3	-.4	-.32
23:00	4.2	2.7	3.8	4.6	3.2	5.2	.4	1.9	-.15
Avg	.0	3.2	4.9	6.2	3.7	6.6	-.7	-.2	-.20
Max	12.8	8.2	11.3	13.3	8.6	13.6	4.0	2.2	.03
Hr. of Max	15	15	15	15	15	15	13	01	04
Min	2.8	.9	2.9	3.2	1.5	3.7	-3.1	-3.2	-.76
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/9/2015

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	.11	8.7	9.8	11.9	8.8	12.8	11.3	6.5
01:00	.21	8.0	11.2	13.1	8.6	13.2	9.8	6.4
02:00	.18	4.4	8.0	11.9	4.7	9.2	6.8	4.1
03:00	.21	3.9	6.9	12.8	4.2	10.4	5.0	2.9
04:00	.13	3.4	6.2	10.5	3.9	10.8	6.9	4.1
05:00	.13	6.0	8.9	15.8	6.7	12.3	7.0	4.0
06:00	.10	5.3	13.1	16.0	5.5	9.6	5.8	4.3
07:00	.07	4.1	6.0	7.8	4.8	7.4	6.9	4.7
08:00	.00	7.1	9.2	10.5	8.3	11.4	15.2	8.3
09:00	-.18	6.2	7.8	8.5	6.6	9.3	12.9	9.8
10:00	-.07	8.2	13.1	13.3	8.3	9.8	17.3	15.9
11:00	-.19	8.2	9.4	9.2	8.4	9.7	21.4	23.2
12:00	-.41	6.6	6.9	9.4	7.7	9.2	26.2	20.5
13:00	-.04	6.2	6.2	10.1	7.0	7.1	26.6	19.9
14:00	-.50	10.3	12.6	14.2	11.4	15.1	21.7	14.4
15:00	-.85	21.1	25.2	24.3	22.6	24.7	16.4	11.9
16:00	-.55	16.9	22.2	22.0	19.2	21.4	17.8	11.9
17:00	-.50	13.1	19.9	19.7	14.6	17.4	15.9	12.7
18:00	-.48	13.1	15.1	16.7	13.8	16.3	19.4	15.7
19:00	-.17	24.3	23.6	19.7	13.6	16.3	14.3	10.9
20:00	-.40	12.8	14.2	14.7	11.6	15.7	16.2	12.5
21:00	-.51	10.1	11.9	13.1	11.2	13.6	20.2	15.5
22:00	-.28	10.3	11.7	14.2	12.0	15.5	23.1	17.5
23:00	-.18	10.1	16.7	19.0	10.6	12.6	23.5	20.8
Avg	-.17	9.5	12.3	14.1	9.8	13.0	15.3	11.6
Max	.21	24.3	25.2	24.3	22.6	24.7	26.6	23.2
Hr. of Max	03	19	15	15	15	15	13	11
Min	-.85	3.4	6.0	7.8	3.9	7.1	5.0	2.9
Count	24	24	24	24	24	24	24	24
Total								