Date Printed: 04/08/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/7/2015

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	12.5	12.6	12.7	12.9	.08	.15	.40	.07	.32
01:00	12.7	12.7	12.7	13.0	.03	.05	.28	.02	.25
02:00	12.8	12.7	12.8	13.1	-.01	.09	.33	.10	.34
03:00	12.9	13.0	13.1	13.2	.10	.17	.29	.07	.19
04:00	13.0	13.1	13.2	13.3	.08	.14	.27	.06	.19
05:00	13.3	13.3	13.3	13.5	.07	.05	.25	-.02	.18
06:00	13.4	13.7	14.0	14.2	.32	.57	.78	.25	.47
07:00	13.8	14.2	14.3	14.5	.42	.47	.64	.05	.22
08:00	14.8	14.8	14.7	14.8	.08	-.01	.05	-.09	-.02
09:00	15.3	15.3	15.1	15.1	-.05	-.20	-.19	-.15	-.14
10:00	16.3	16.2	16.1	16.1	-.05	-.19	-.16	-.13	-.11
11:00	16.1	16.0	15.8	15.8	-.09	-.25	-.27	-.17	-.18
12:00	16.6	16.5	16.3	16.2	-.17	-.38	-.44	-.21	-.27
13:00	17.5	17.3	17.0	16.9	-.21	-.44	-.52	-.24	-.32
14:00	17.8	17.6	17.4	17.3	-.22	-.45	-.53	-.23	-.31
15:00	17.5	17.4	17.3	17.2	-.09	-.23	-.26	-.15	-.17
16:00	17.3	17.2	17.0	16.9	-.11	-.28	-.33	-.17	-.22
17:00	17.1	17.0	16.9	16.8	-.08	-.23	-.27	-.15	-.19
18:00	16.8	16.9	16.8	16.8	.08	-.02	-.04	-.11	-.13
19:00	16.5	16.7	16.6	16.6	.13	.03	.05	-.09	-.07
20:00	16.1	16.6	16.6	16.7	.51	.53	.64	.02	.13
21:00	15.6	16.3	16.5	16.7	.70	.81	1.02	.11	.32
22:00	15.5	16.1	16.2	16.5	.65	.79	1.02	.14	.37
23:00	15.2	15.8	15.8	15.9	.61	.61	.75	.00	.14
Avg	15.3	15.4	15.3	15.4	.12	.07	.16	-.04	.04
Max	17.8	17.6	17.4	17.3	.70	.81	1.02	.25	.47
Hr. of Max	14	14	14	14	21	21	22	06	06
Min	12.5	12.6	12.7	12.9	-.22	-.45	-.53	-.24	-.32
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/7/2015

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	12.0	12.1	12.1	13.4	97.9	98.3	10.6	10.7	0.008925
01:00	12.1	12.2	12.3	13.4	98.0	98.3	10.8	10.8	0.00904
02:00	12.2	12.3	12.4	13.3	98.0	98.3	10.8	10.8	0.009087
03:00	12.4	12.5	12.6	13.3	98.0	98.3	10.9	11.0	0.009184
04:00	12.5	12.6	12.6	13.3	98.0	98.3	11.0	11.1	0.00924
05:00	12.7	12.8	12.9	13.3	98.0	98.4	11.1	11.2	0.009392
06:00	12.9	13.2	13.0	13.3	98.0	98.4	11.2	11.5	0.009483
07:00	13.3	13.8	13.5	13.3	98.0	98.4	11.5	11.9	0.009749
08:00	14.2	14.3	14.4	13.3	98.0	98.4	12.2	12.3	0.010355
09:00	14.6	14.7	14.9	13.4	97.5	98.4	12.5	12.6	0.010666
10:00	15.4	15.6	15.7	13.4	96.7	97.9	13.2	13.3	0.011245
11:00	15.3	15.4	15.6	13.6	97.0	98.3	13.1	13.2	0.011153
12:00	15.8	15.8	16.1	13.9	96.5	97.9	13.4	13.5	0.011486
13:00	16.4	16.4	16.7	14.1	95.3	96.8	13.9	14.0	0.011959
14:00	16.6	16.6	17.0	14.3	94.5	95.8	14.1	14.1	0.01213
15:00	16.6	16.7	16.9	14.5	96.1	97.3	14.1	14.2	0.012108
16:00	16.4	16.5	16.7	14.7	96.3	97.6	13.9	14.0	0.011964
17:00	16.0	16.1	16.4	14.9	95.2	96.1	13.6	13.7	0.01169
18:00	16.0	16.1	16.3	15.0	96.4	96.6	13.6	13.7	0.011645
19:00	15.9	16.1	16.1	15.1	97.8	98.5	13.5	13.7	0.0116
20:00	15.5	16.0	15.7	15.1	97.9	98.5	13.2	13.7	0.011263
21:00	15.0	15.8	15.2	15.1	97.9	98.6	12.9	13.5	0.010959
22:00	14.9	15.6	15.1	15.0	97.9	98.6	12.7	13.3	0.010829
23:00	14.6	15.3	14.8	14.9	97.9	98.6	12.5	13.1	0.010653
Avg	14.6	14.8	14.8	14.0	97.2	97.9	12.5	12.7	0.010659
Max	16.6	16.7	17.0	15.1	98.0	98.6	14.1	14.2	0.01213
Hr. of Max	15	15	14	21	08	23	15	15	14
Min	12.0	12.1	12.1	13.3	94.5	95.8	10.6	10.7	0.008925
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)

4/7/2015

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	0.009013	14.0	14.2	.00	29.25	990.7	-2.5	.00	253.8
01:00	0.009089	14.2	14.3	.00	29.24	990.2	-2.0	.00	231.4
02:00	0.009115	14.3	14.3	.00	29.23	989.9	-1.7	.00	212.8
03:00	0.009278	14.4	14.5	.00	29.22	989.5	-2.4	.00	220.0
04:00	0.009325	14.5	14.6	.00	29.22	989.6	-2.3	.00	207.8
05:00	0.009475	14.7	14.8	.00	29.22	989.5	-2.7	.00	238.7
06:00	0.009721	14.9	15.2	.00	29.23	990.0	-2.0	.00	216.0
07:00	0.010064	15.3	15.8	.00	29.24	990.3	3.9	.01	239.4
08:00	0.010452	16.2	16.4	.00	29.25	990.6	48.0	.07	222.1
09:00	0.010731	16.7	16.8	.00	29.26	990.7	62.4	.09	211.2
10:00	0.011339	17.6	17.7	.02	29.25	990.5	60.0	.09	262.0
11:00	0.011239	17.5	17.6	.10	29.26	991.0	84.3	.12	268.6
12:00	0.011527	18.0	18.0	.01	29.26	991.1	134.5	.19	184.3
13:00	0.011986	18.7	18.7	.00	29.26	990.8	160.5	.23	65.8
14:00	0.012128	18.9	18.9	.00	29.24	990.3	142.6	.20	75.7
15:00	0.012186	18.9	19.0	.01	29.23	989.8	59.4	.09	39.4
16:00	0.012031	18.7	18.8	.03	29.22	989.5	78.7	.11	56.9
17:00	0.011738	18.2	18.3	.00	29.21	989.2	73.4	.11	58.8
18:00	0.011729	18.2	18.3	.04	29.22	989.4	31.1	.04	40.1
19:00	0.011774	18.1	18.4	.01	29.20	988.9	13.5	.02	63.9
20:00	0.011704	17.6	18.3	.00	29.21	989.2	-2.2	.00	308.4
21:00	0.011537	17.1	18.0	.00	29.23	989.8	-1.7	.00	262.8
22:00	0.011362	16.9	17.8	.00	29.23	990.0	-1.0	.00	58.3
23:00	0.011154	16.7	17.4	.00	29.22	989.6	-1.7	.00	55.0
Avg	0.010821	16.7	16.9	.01	29.23	990.0	38.8	.06	231.0
Max	0.012186	18.9	19.0	.10	29.26	991.1	160.5	.23	308.4
Hr. of Max	15	15	15	11	13	12	13	13	20
Min	0.009013	14.0	14.2	.00	29.20	988.9	-2.7	.00	39.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/7/2015

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	260.8	267.4	253.9	267.8	49.7	33.1	19.9	.4	1.3
01:00	226.2	251.2	236.9	252.7	53.0	17.2	14.9	.7	1.5
02:00	237.0	276.1	218.4	276.7	20.9	12.9	10.8	1.2	2.1
03:00	237.3	261.6	224.4	262.7	19.6	14.2	11.5	1.6	2.7
04:00	232.9	253.0	212.7	254.5	14.1	9.4	8.2	2.4	3.6
05:00	233.4	228.2	243.2	230.7	18.9	10.4	7.9	2.3	4.5
06:00	246.7	249.5	220.2	251.1	20.5	14.2	10.9	.9	2.4
07:00	242.8	244.8	243.1	246.5	25.2	14.9	11.3	2.0	3.9
08:00	232.9	236.6	226.6	238.6	15.9	10.8	7.8	2.8	4.6
09:00	223.3	225.0	217.5	226.9	25.6	21.6	16.4	2.1	3.6
10:00	260.9	251.0	266.2	251.9	20.2	15.9	13.2	2.3	3.6
11:00	277.8	275.0	273.6	274.3	38.0	24.5	17.9	1.5	2.7
12:00	274.3	321.1	187.2	291.1	39.8	40.1	32.6	.3	.1
13:00	56.6	57.2	67.2	42.6	29.5	28.4	21.2	1.5	2.2
14:00	73.3	70.6	78.2	66.7	27.6	25.4	18.8	2.5	3.0
15:00	46.0	51.5	41.1	47.1	32.5	16.9	11.9	2.1	4.5
16:00	58.3	58.7	59.0	54.3	36.5	18.9	12.6	2.5	5.2
17:00	58.2	58.2	62.6	53.9	27.0	17.6	11.6	1.8	3.5
18:00	44.5	44.1	41.6	39.2	59.3	43.3	24.1	1.1	2.3
19:00	67.1	70.3	65.5	66.2	21.6	13.1	10.0	1.7	3.4
20:00	359.0	349.6	287.7	342.4	52.4	35.8	47.5	.2	1.4
21:00	226.4	132.5	273.2	133.3	54.0	32.9	26.1	.4	.6
22:00	64.8	67.2	60.3	68.2	48.0	30.5	16.3	1.0	2.2
23:00	66.2	70.5	51.7	66.1	35.1	28.4	20.3	1.9	3.7
Avg	263.0	298.0	239.0	296.0	32.7	22.1	16.8	.0	.0
Max	359.0	349.6	287.7	342.4	59.3	43.3	47.5	2.8	5.2
Hr. of Max	20	20	20	20	18	18	20	08	16
Min	44.5	44.1	41.1	39.2	14.1	9.4	7.8	.2	.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)

4/7/2015

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	2.6	.6	1.6	3.0	1.1	3.1	2.4	1.9	.03
01:00	2.2	.9	1.7	2.5	1.3	2.8	1.8	3.8	.03
02:00	3.2	1.2	2.1	3.3	1.6	3.5	2.8	2.6	.07
03:00	3.4	1.8	2.8	3.6	2.3	3.8	.9	.8	.02
04:00	4.2	2.5	3.7	4.4	2.8	4.8	1.6	1.1	.05
05:00	6.1	2.5	4.5	6.1	3.0	6.6	-1.3	1.0	-.10
06:00	4.2	1.0	2.5	4.3	1.5	4.7	1.4	1.4	.03
07:00	5.3	2.4	4.2	5.5	2.8	5.9	-1.3	1.2	-.08
08:00	6.2	2.9	4.7	6.3	3.3	6.8	1.0	1.2	-.01
09:00	5.1	2.7	4.3	5.7	3.2	6.2	1.3	1.2	-.02
10:00	4.8	2.5	4.0	5.5	2.9	5.8	.3	-.4	-.10
11:00	4.3	1.7	3.0	4.5	2.1	4.0	2.1	5.5	-.01
12:00	.3	1.4	1.8	2.1	1.8	2.8	2.9	25.1	.01
13:00	2.5	1.8	2.5	2.7	2.3	3.0	.0	1.6	-.04
14:00	3.4	2.7	3.2	3.6	3.2	4.0	1.8	6.1	.03
15:00	5.9	2.4	4.8	6.1	2.8	6.5	-2.2	.6	-.26
16:00	6.8	2.9	5.6	7.1	3.6	7.5	.4	-.2	-.18
17:00	4.4	2.0	3.6	4.5	2.3	4.8	.4	-2.1	-.09
18:00	2.8	1.5	2.5	3.0	1.8	3.4	-2.0	-3.5	-.11
19:00	4.2	1.9	3.6	4.4	2.2	4.7	-.1	-.6	-.10
20:00	2.4	1.1	2.0	2.9	1.6	3.3	1.7	.8	.01
21:00	.8	1.1	1.1	1.0	1.4	1.5	3.0	-.9	.05
22:00	2.9	1.3	2.4	3.0	1.6	3.3	-1.4	.7	-.08
23:00	5.0	2.2	3.9	5.2	2.5	5.5	-1.1	-.9	-.10
Avg	.0	1.9	3.2	4.2	2.3	4.5	.7	2.0	-.04
Max	6.8	2.9	5.6	7.1	3.6	7.5	3.0	25.1	.07
Hr. of Max	16	16	16	16	16	16	21	12	02
Min	.3	.6	1.1	1.0	1.1	1.5	-2.2	-3.5	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/7/2015

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	.06	2.5	4.8	6.9	3.5	9.1	13.2	10.1
01:00	.16	3.2	4.1	6.6	3.8	6.8	10.2	5.7
02:00	.14	2.7	4.4	6.0	3.0	6.9	9.9	7.2
03:00	.04	3.9	5.3	7.6	4.5	7.2	9.1	6.8
04:00	.08	5.5	6.9	8.7	5.9	9.9	7.6	5.7
05:00	.15	10.5	14.9	17.9	7.2	11.7	10.4	3.1
06:00	.09	3.0	6.6	7.3	3.1	7.7	7.2	5.1
07:00	.11	5.5	7.6	9.6	6.9	12.0	8.7	5.0
08:00	.12	6.2	11.2	11.2	6.5	12.1	11.3	5.6
09:00	.02	8.0	9.8	11.7	10.1	12.8	14.9	9.4
10:00	-.09	9.8	12.6	14.0	9.6	14.2	15.1	7.7
11:00	.29	8.0	11.7	12.1	6.3	10.7	23.0	12.3
12:00	1.32	4.6	5.3	5.3	5.5	2.8	21.4	.0
13:00	.08	6.2	6.9	6.9	5.6	5.9	19.3	16.0
14:00	.33	6.9	8.0	7.8	7.5	7.3	17.3	14.6
15:00	.00	8.0	10.8	11.4	8.9	12.9	20.9	8.8
16:00	-.08	9.2	12.1	14.4	10.2	14.7	23.0	9.4
17:00	-.17	6.0	14.4	14.4	6.3	10.0	21.0	8.3
18:00	-.17	5.0	8.9	11.9	5.2	6.5	17.2	10.5
19:00	-.10	5.3	8.9	8.5	7.1	8.7	15.6	7.0
20:00	-.02	5.5	8.2	8.7	5.2	8.3	16.5	18.4
21:00	-.01	7.6	6.2	3.2	4.6	3.6	13.1	16.9
22:00	.00	3.2	5.5	6.4	4.0	6.8	10.6	6.7
23:00	-.11	8.2	11.7	12.1	8.5	12.5	12.2	5.8
Avg	.09	6.0	8.6	9.6	6.2	9.2	14.5	8.6
Max	1.32	10.5	14.9	17.9	10.2	14.7	23.0	18.4
Hr. of Max	12	05	05	05	16	16	16	20
Min	-.17	2.5	4.1	3.2	3.0	2.8	7.2	.0
Count	24	24	24	24	24	24	24	24
Total								