Date Printed: 05/19/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/18/2015

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	19.5	20.6	21.4	22.1	1.16	1.91	2.68	.75	1.52
01:00	19.0	20.2	20.6	21.7	1.19	1.64	2.75	.45	1.55
02:00	18.4	19.6	20.1	20.7	1.26	1.75	2.35	.49	1.09
03:00	18.3	19.3	19.7	20.4	.92	1.36	2.05	.44	1.13
04:00	18.4	19.4	19.7	20.2	1.01	1.28	1.83	.27	.82
05:00	18.3	19.3	19.6	20.2	.97	1.27	1.87	.30	.90
06:00	18.0	19.0	19.3	19.8	1.02	1.30	1.84	.28	.83
07:00	18.8	19.3	19.3	19.7	.46	.50	.86	.04	.40
08:00	20.8	20.6	20.5	20.6	-.19	-.26	-.14	-.07	.05
09:00	23.4	22.9	22.6	22.5	-.54	-.83	-.97	-.29	-.43
10:00	24.5	23.9	23.6	23.5	-.58	-.87	-.99	-.30	-.41
11:00	25.6	24.8	24.5	24.4	-.78	-1.08	-1.20	-.30	-.42
12:00	26.1	25.3	25.1	25.1	-.77	-.95	-.97	-.19	-.20
13:00	25.5	24.8	24.6	24.5	-.68	-.89	-.98	-.22	-.30
14:00	25.4	24.9	24.6	24.5	-.56	-.82	-.91	-.27	-.35
15:00	24.0	23.4	23.1	23.0	-.61	-.91	-1.03	-.30	-.42
16:00	25.9	25.0	24.6	24.4	-.88	-1.30	-1.46	-.42	-.58
17:00	26.1	25.4	25.0	24.9	-.74	-1.07	-1.20	-.33	-.46
18:00	25.6	25.2	25.0	24.9	-.41	-.64	-.71	-.23	-.30
19:00	24.6	24.5	24.4	24.4	-.14	-.26	-.22	-.12	-.08
20:00	23.3	23.5	23.6	23.7	.17	.27	.40	.10	.22
21:00	21.3	21.2	21.1	21.1	-.05	-.16	-.14	-.11	-.09
22:00	20.5	20.4	20.3	20.3	-.10	-.18	-.13	-.09	-.04
23:00	20.1	20.2	20.1	20.1	.11	.01	.04	-.09	-.07
Avg	22.1	22.2	22.2	22.4	.05	.04	.23	-.01	.18
Max	26.1	25.4	25.1	25.1	1.26	1.91	2.75	.75	1.55
Hr. of Max	17	17	12	12	02	00	01	00	01
Min	18.0	19.0	19.3	19.7	-.88	-1.30	-1.46	-.42	-.58
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/18/2015

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	18.2	19.3	18.6	22.9	94.7	94.4	15.6	16.6	0.013454
01:00	17.8	19.2	18.2	22.8	95.1	96.3	15.2	16.5	0.0131
02:00	17.3	18.9	17.7	22.6	95.6	97.9	14.7	16.2	0.012678
03:00	17.4	18.7	17.7	22.4	95.9	98.5	14.8	16.0	0.012725
04:00	17.4	18.7	17.7	22.3	95.5	98.0	14.8	16.1	0.012737
05:00	17.3	18.6	17.6	22.1	95.6	98.1	14.7	15.9	0.012669
06:00	17.0	18.4	17.3	22.0	95.8	98.6	14.5	15.8	0.012433
07:00	17.7	18.3	18.1	21.9	95.1	96.1	15.1	15.6	0.01302
08:00	18.7	18.4	19.4	21.8	90.0	89.5	16.0	15.7	0.013871
09:00	18.6	18.3	20.2	21.7	76.1	77.0	15.7	15.4	0.013783
10:00	18.7	18.5	20.7	21.8	72.0	73.2	15.8	15.6	0.01393
11:00	18.9	18.5	21.1	22.0	68.2	69.8	15.9	15.6	0.014055
12:00	19.3	18.9	21.6	22.4	68.6	69.4	16.4	15.9	0.014513
13:00	18.1	17.7	20.5	22.8	65.5	66.4	15.2	14.8	0.013406
14:00	17.6	17.5	20.2	23.2	63.8	65.1	14.7	14.6	0.013021
15:00	18.9	18.7	20.6	23.4	75.1	76.9	16.0	15.9	0.014123
16:00	18.3	18.0	20.8	23.5	64.9	66.9	15.4	15.1	0.013625
17:00	18.4	18.2	21.0	23.6	64.3	66.3	15.4	15.3	0.013721
18:00	18.9	18.8	21.2	23.7	68.5	69.4	16.0	15.8	0.014182
19:00	19.8	19.7	21.4	23.8	76.7	76.4	16.9	16.7	0.014988
20:00	20.1	20.0	21.2	23.7	84.4	82.9	17.3	17.2	0.015264
21:00	19.2	19.3	19.9	23.7	89.9	90.7	16.4	16.5	0.014329
22:00	19.1	19.2	19.5	23.6	93.9	95.5	16.3	16.5	0.014238
23:00	18.9	19.1	19.3	23.4	94.8	95.9	16.2	16.4	0.014048
Avg	18.4	18.7	19.6	22.8	82.5	83.7	15.6	15.9	0.013663
Max	20.1	20.0	21.6	23.8	95.9	98.6	17.3	17.2	0.015264
Hr. of Max	20	20	12	19	03	06	20	20	20
Min	17.0	17.5	17.3	21.7	63.8	65.1	14.5	14.6	0.012433
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/18/2015

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	0.014407	21.0	22.5	.00	29.30	992.4	-2.3	.00	267.8
01:00	0.01428	20.5	22.3	.00	29.30	992.3	-3.6	-.01	270.2
02:00	0.014045	19.8	21.9	.00	29.29	991.8	-3.5	-.01	245.3
03:00	0.013842	19.9	21.6	.00	29.27	991.4	-3.2	.00	4.2
04:00	0.013918	19.9	21.7	.00	29.26	990.8	-1.4	.00	31.0
05:00	0.013811	19.8	21.5	.00	29.26	990.8	-1.8	.00	290.3
06:00	0.013641	19.4	21.3	.00	29.27	991.1	4.5	.01	267.6
07:00	0.013523	20.3	21.1	.00	29.28	991.6	101.0	.14	50.2
08:00	0.013629	21.6	21.3	.00	29.29	992.0	213.7	.31	217.5
09:00	0.013509	21.5	21.1	.00	29.29	992.0	501.2	.72	208.8
10:00	0.013673	21.7	21.3	.00	29.29	992.0	381.4	.55	196.5
11:00	0.013735	21.9	21.4	.00	29.28	991.7	641.7	.92	185.3
12:00	0.014077	22.6	21.9	.01	29.28	991.5	591.3	.85	242.0
13:00	0.013053	20.9	20.4	.00	29.26	990.9	609.8	.87	286.7
14:00	0.012873	20.3	20.1	.00	29.25	990.5	287.0	.41	241.6
15:00	0.013942	22.0	21.7	.00	29.23	989.8	419.9	.60	151.0
16:00	0.013336	21.2	20.8	.00	29.21	989.2	525.9	.75	168.3
17:00	0.013556	21.3	21.1	.00	29.19	988.6	385.9	.55	120.3
18:00	0.014022	22.0	21.8	.00	29.18	988.2	218.6	.31	100.8
19:00	0.014822	23.3	23.0	.00	29.18	988.3	72.4	.10	231.4
20:00	0.015157	23.7	23.5	.00	29.19	988.6	4.8	.01	264.8
21:00	0.014403	22.3	22.4	.01	29.21	989.3	-1.1	.00	262.2
22:00	0.014389	22.1	22.4	.00	29.22	989.5	-.9	.00	228.9
23:00	0.014293	21.9	22.2	.00	29.23	989.8	-2.9	.00	37.0
Avg	0.013914	21.3	21.7	.00	29.25	990.6	205.8	.30	237.0
Max	0.015157	23.7	23.5	.01	29.30	992.4	641.7	.92	290.3
Hr. of Max	20	20	20	21	01	00	11	11	05
Min	0.012873	19.4	20.1	.00	29.18	988.2	-3.6	-.01	4.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/18/2015

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	324.1	193.2	270.9	197.8	44.4	63.0	49.6	.5	.2
01:00	162.5	285.1	270.9	287.2	46.3	33.5	41.4	.3	.4
02:00	241.8	217.3	248.5	219.3	22.3	26.2	10.5	1.6	2.1
03:00	86.5	173.8	347.8	173.9	54.4	32.7	25.3	.3	.2
04:00	43.8	66.8	33.5	54.4	35.0	20.9	38.3	.4	1.0
05:00	63.0	325.5	283.4	324.6	43.7	19.8	25.0	.2	.4
06:00	186.8	238.5	280.1	251.5	46.1	53.6	39.1	.1	.1
07:00	63.3	111.9	19.8	109.4	43.1	35.3	27.4	.1	.3
08:00	250.2	224.9	228.8	236.6	42.2	27.6	30.1	.7	1.1
09:00	225.4	220.6	219.5	220.5	29.6	25.4	27.5	2.5	3.2
10:00	213.6	215.3	205.9	216.4	33.4	28.8	26.6	2.7	3.3
11:00	198.6	200.5	193.5	200.5	48.9	39.0	31.5	2.2	3.0
12:00	246.7	247.1	246.6	248.5	31.6	24.3	17.9	3.2	4.6
13:00	297.7	302.9	289.3	299.7	36.5	29.6	25.8	3.5	5.1
14:00	250.2	252.4	245.8	252.6	24.6	24.6	22.0	2.6	3.0
15:00	153.3	155.2	155.5	154.6	31.5	31.9	32.0	3.1	3.5
16:00	169.0	167.8	173.9	168.0	40.5	29.7	26.7	2.3	2.9
17:00	122.8	123.8	122.9	121.5	25.4	19.9	15.8	3.7	4.2
18:00	102.6	121.1	107.3	114.0	51.0	53.6	53.0	1.0	1.0
19:00	218.9	213.8	234.6	215.5	51.6	35.8	25.5	1.2	1.9
20:00	256.1	236.7	267.2	237.7	29.1	20.2	16.0	2.2	3.6
21:00	278.6	283.9	266.5	283.3	21.2	16.6	12.5	4.0	5.9
22:00	232.9	236.4	232.3	238.2	25.9	15.4	11.7	2.3	3.9
23:00	177.8	176.9	37.5	176.9	30.0	19.3	21.2	.3	.4
Avg	205.0	212.0	246.0	216.0	37.0	30.3	27.2	.0	.0
Max	324.1	325.5	347.8	324.6	54.4	63.0	53.0	4.0	5.9
Hr. of Max	00	05	03	05	03	00	18	21	21
Min	43.8	66.8	19.8	54.4	21.2	15.4	10.5	.1	.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)

5/18/2015

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	.8	.9	.5	1.0	1.2	1.4	2.1	-1.3	.05
01:00	1.1	.8	.9	1.4	1.2	1.7	.3	.9	.01
02:00	3.3	1.8	2.3	3.5	2.1	3.8	-.8	.5	-.03
03:00	.9	.4	.5	1.3	.7	1.6	1.0	.0	.02
04:00	.3	.6	1.2	.6	.9	1.0	1.1	1.8	.02
05:00	.2	.3	.4	.3	.7	.7	2.0	-.4	.03
06:00	.2	.2	.2	.7	.7	1.0	2.5	.2	.04
07:00	.5	.2	.3	.6	.6	1.0	.4	1.0	.00
08:00	2.0	.9	1.3	2.0	1.4	2.4	-.5	-1.1	-.03
09:00	3.4	3.0	3.6	3.8	3.6	4.3	.8	-2.6	-.07
10:00	4.1	3.0	3.7	4.4	3.5	4.9	1.5	3.9	.02
11:00	3.6	3.1	3.7	4.1	3.8	4.8	1.1	1.5	-.01
12:00	5.7	4.0	5.2	6.1	4.4	6.6	-3.7	-3.8	-.33
13:00	6.4	4.5	6.0	7.3	5.1	7.7	-1.1	-4.0	-.42
14:00	3.3	3.6	4.6	5.2	4.0	5.6	.5	-.8	-.13
15:00	3.8	3.7	4.1	4.5	4.4	5.0	3.4	5.6	.13
16:00	3.2	2.9	3.3	3.6	3.5	4.1	4.6	.5	.18
17:00	4.3	4.0	4.4	4.5	4.8	5.1	5.2	4.0	.33
18:00	1.0	2.0	2.3	2.2	2.5	2.6	2.8	6.1	.04
19:00	2.3	1.6	2.3	2.7	2.1	3.0	-1.3	1.0	-.06
20:00	4.4	2.4	3.9	5.1	2.7	5.3	-1.4	.7	-.10
21:00	8.0	4.3	6.2	8.2	4.7	8.3	-1.9	-.4	-.31
22:00	4.9	2.4	4.2	5.5	2.9	5.8	1.7	1.5	.00
23:00	1.0	1.4	2.0	2.3	1.7	2.7	-.8	-.6	-.05
Avg	.0	2.2	2.8	3.4	2.6	3.8	.8	.6	-.03
Max	8.0	4.5	6.2	8.2	5.1	8.3	5.2	6.1	.33
Hr. of Max	21	13	21	21	13	21	17	18	17
Min	.2	.2	.2	.3	.6	.7	-3.7	-4.0	-.42
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/18/2015

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	-.02	2.3	3.2	3.4	2.3	3.6	7.5	12.9
01:00	.03	2.5	3.0	4.1	3.1	4.3	8.1	10.4
02:00	.03	3.7	5.5	6.0	4.3	6.8	5.3	2.8
03:00	.00	1.6	4.4	5.7	1.8	3.6	8.6	7.0
04:00	.04	2.1	2.7	3.4	2.3	2.2	9.1	11.4
05:00	-.01	1.6	2.1	1.8	1.9	2.2	7.1	10.9
06:00	.01	1.6	1.8	2.1	1.9	2.5	6.1	6.8
07:00	.01	1.4	3.4	3.4	1.7	2.6	13.1	11.8
08:00	-.05	4.6	5.5	6.4	5.4	7.3	18.3	8.6
09:00	-.22	7.1	8.2	8.5	8.4	9.4	22.6	20.1
10:00	.16	8.7	8.2	8.7	8.6	10.5	19.8	19.8
11:00	.09	8.7	8.9	13.1	9.7	11.0	22.6	23.4
12:00	-.38	13.7	17.6	12.6	12.5	13.3	18.3	14.7
13:00	-.76	19.2	21.3	21.8	21.8	23.2	22.5	16.0
14:00	-.17	9.6	10.5	10.1	10.1	11.0	17.5	13.4
15:00	.42	11.9	15.8	19.7	13.3	16.2	20.1	23.3
16:00	.02	7.3	7.3	7.8	7.6	8.2	23.6	23.1
17:00	.38	9.6	9.6	9.4	10.3	10.2	19.3	19.2
18:00	.20	9.6	7.8	8.9	8.4	8.3	21.7	25.3
19:00	.07	3.7	5.0	5.3	4.3	5.1	12.0	6.6
20:00	.07	10.1	16.0	17.9	11.5	18.5	10.6	6.6
21:00	-.23	11.2	16.7	32.1	12.3	17.4	15.4	9.8
22:00	.12	6.0	7.6	9.2	6.5	9.6	14.6	6.9
23:00	.01	5.5	6.2	8.0	5.1	6.0	12.6	9.8
Avg	-.01	6.8	8.3	9.6	7.3	8.9	14.9	13.4
Max	.42	19.2	21.3	32.1	21.8	23.2	23.6	25.3
Hr. of Max	15	13	13	21	13	13	16	18
Min	-.76	1.4	1.8	1.8	1.7	2.2	5.3	2.8
Count	24	24	24	24	24	24	24	24
Total								