Date Printed: 03/26/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/25/2015

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	11.7	15.6	16.8	17.6	3.82	5.06	5.90	1.24	2.07
01:00	14.3	16.9	17.2	17.4	2.53	2.83	3.07	.31	.54
02:00	14.8	16.5	16.7	16.9	1.62	1.86	2.03	.24	.41
03:00	16.3	17.1	17.2	17.4	.74	.87	1.03	.12	.29
04:00	16.3	16.7	16.8	16.9	.45	.52	.67	.07	.22
05:00	15.8	16.1	16.1	16.1	.34	.29	.34	-.05	-.01
06:00	15.6	15.8	15.7	15.7	.18	.06	.09	-.11	-.09
07:00	14.9	15.2	15.2	15.2	.29	.24	.29	-.05	.00
08:00	14.3	14.9	14.8	14.8	.52	.45	.49	-.07	-.03
09:00	15.8	15.6	15.4	15.3	-.18	-.41	-.49	-.23	-.31
10:00	17.8	17.4	17.1	17.0	-.37	-.65	-.73	-.28	-.36
11:00	20.3	19.5	19.2	19.0	-.78	-1.16	-1.32	-.38	-.54
12:00	21.4	20.7	20.3	20.1	-.76	-1.13	-1.31	-.38	-.55
13:00	22.3	21.7	21.3	21.2	-.62	-.98	-1.09	-.36	-.47
14:00	23.8	22.8	22.4	22.3	-.96	-1.34	-1.48	-.39	-.52
15:00	24.3	23.5	23.1	23.0	-.81	-1.20	-1.31	-.39	-.50
16:00	24.8	24.0	23.7	23.5	-.74	-1.11	-1.30	-.37	-.55
17:00	24.9	24.4	24.1	23.9	-.52	-.88	-1.04	-.35	-.52
18:00	24.2	24.1	23.8	23.7	-.15	-.42	-.49	-.26	-.34
19:00	22.7	23.3	23.2	23.2	.56	.47	.48	-.09	-.08
20:00	19.2	21.8	22.1	22.3	2.63	2.90	3.09	.27	.46
21:00	17.4	20.3	21.1	21.5	2.88	3.65	4.10	.76	1.21
22:00	18.8	20.6	20.8	20.9	1.75	1.95	2.06	.20	.32
23:00	18.8	19.9	20.0	20.1	1.11	1.22	1.30	.10	.18
Avg	18.8	19.4	19.3	19.4	.56	.55	.60	-.02	.03
Max	24.9	24.4	24.1	23.9	3.82	5.06	5.90	1.24	2.07
Hr. of Max	17	17	17	17	00	00	00	00	00
Min	11.7	14.9	14.8	14.8	-.96	-1.34	-1.48	-.39	-.55
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/25/2015

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	7.7	7.5	9.0	14.6	77.1	59.9	8.0	7.9	0.006697
01:00	8.3	7.5	10.3	14.4	67.9	54.9	8.3	7.8	0.006993
02:00	8.2	7.9	10.4	14.1	65.6	57.9	8.2	8.0	0.006977
03:00	8.9	8.7	11.4	13.9	62.5	58.7	8.6	8.5	0.007323
04:00	9.1	9.0	11.5	13.7	63.4	61.2	8.7	8.6	0.007404
05:00	9.4	9.3	11.5	13.6	66.8	64.9	8.9	8.8	0.007553
06:00	10.5	10.5	12.2	13.5	72.8	72.0	9.6	9.6	0.008141
07:00	10.7	10.8	12.1	13.4	77.2	76.1	9.7	9.8	0.008236
08:00	10.8	10.8	12.0	13.3	80.6	77.8	9.8	9.8	0.008274
09:00	11.1	10.9	12.7	13.2	75.0	74.8	10.0	9.8	0.008464
10:00	11.3	11.0	13.5	13.3	67.2	67.2	10.0	9.8	0.008588
11:00	10.8	10.4	14.0	13.4	55.4	56.5	9.6	9.4	0.008319
12:00	10.4	10.0	14.1	13.8	50.4	51.4	9.4	9.2	0.00812
13:00	10.0	9.6	14.1	14.4	46.4	46.9	9.1	8.9	0.007882
14:00	9.8	9.4	14.5	14.9	42.0	43.2	8.9	8.7	0.007817
15:00	9.3	8.9	14.3	15.5	39.5	40.2	8.7	8.4	0.007593
16:00	9.0	8.5	14.3	15.9	37.5	38.0	8.5	8.2	0.007425
17:00	9.2	8.8	14.4	16.3	37.8	37.9	8.6	8.4	0.007541
18:00	9.6	9.3	14.5	16.5	40.5	40.1	8.8	8.7	0.007732
19:00	9.5	9.1	13.9	16.7	43.9	41.3	8.8	8.6	0.007677
20:00	9.8	9.2	12.9	16.7	55.6	45.7	9.0	8.7	0.007791
21:00	10.0	9.6	12.5	16.5	62.7	51.1	9.2	8.9	0.007908
22:00	10.7	10.3	13.4	16.3	60.3	52.8	9.6	9.3	0.008273
23:00	11.1	11.1	13.7	16.1	62.0	57.8	9.9	9.8	0.008502
Avg	9.8	9.5	12.8	14.8	58.8	55.3	9.1	8.9	0.007801
Max	11.3	11.1	14.5	16.7	80.6	77.8	10.0	9.8	0.008588
Hr. of Max	10	23	18	20	08	08	10	23	10
Min	7.7	7.5	9.0	13.2	37.5	37.9	8.0	7.8	0.006697
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)

3/25/2015

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	0.006658	10.5	10.5	.00	29.18	988.1	-2.2	.00	221.0
01:00	0.006659	11.0	10.5	.00	29.17	987.9	-3.2	.00	218.4
02:00	0.006835	11.0	10.7	.00	29.17	987.8	-1.0	.00	206.8
03:00	0.007219	11.5	11.3	.00	29.16	987.4	-1.3	.00	219.2
04:00	0.007354	11.6	11.5	.00	29.16	987.4	-2.4	.00	226.1
05:00	0.007501	11.9	11.8	.00	29.18	988.1	-3.4	.00	244.0
06:00	0.008145	12.8	12.8	.00	29.21	989.3	-2.9	.00	235.8
07:00	0.008274	12.9	13.0	.00	29.24	990.1	3.7	.01	232.4
08:00	0.008262	13.0	13.0	.00	29.25	990.6	80.4	.12	229.5
09:00	0.008351	13.3	13.1	.00	29.26	990.8	175.7	.25	222.5
10:00	0.008385	13.5	13.2	.00	29.25	990.6	355.9	.51	217.6
11:00	0.008079	13.1	12.7	.00	29.24	990.2	701.6	1.01	217.4
12:00	0.007898	12.8	12.4	.00	29.22	989.7	724.1	1.04	216.2
13:00	0.007672	12.4	12.0	.00	29.20	988.9	601.5	.86	214.8
14:00	0.007579	12.3	11.9	.00	29.18	988.0	839.6	1.20	216.2
15:00	0.007366	11.9	11.6	.00	29.15	987.2	762.4	1.09	212.3
16:00	0.007184	11.6	11.3	.00	29.13	986.5	669.3	.96	221.0
17:00	0.007337	11.8	11.5	.00	29.12	986.1	370.1	.53	227.8
18:00	0.0076	12.1	11.9	.00	29.11	985.9	178.7	.26	230.3
19:00	0.007475	12.0	11.7	.00	29.11	985.9	39.2	.06	247.5
20:00	0.007533	12.2	11.8	.00	29.11	985.8	-1.9	.00	254.3
21:00	0.00771	12.4	12.1	.00	29.10	985.6	-1.1	.00	238.5
22:00	0.008087	12.9	12.7	.00	29.10	985.6	-.9	.00	218.4
23:00	0.008488	13.3	13.3	.00	29.10	985.3	-.9	.00	219.0
Avg	0.007652	12.2	12.0	.00	29.17	987.9	228.4	.33	225.0
Max	0.008488	13.5	13.3	.00	29.26	990.8	839.6	1.20	254.3
Hr. of Max	23	10	23	23	09	09	14	14	20
Min	0.006658	10.5	10.5	.00	29.10	985.3	-3.4	.00	206.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/25/2015

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	211.3	199.6	224.2	200.9	27.8	24.7	15.4	1.8	3.9
01:00	210.2	201.6	223.8	203.1	13.8	10.4	8.9	3.7	6.1
02:00	203.9	199.8	211.6	201.5	16.5	11.5	11.0	3.3	5.7
03:00	218.0	211.5	225.3	213.5	16.7	12.3	10.0	5.5	8.5
04:00	225.8	219.2	231.4	221.4	18.5	12.4	9.6	4.5	7.6
05:00	246.9	242.7	249.0	244.5	18.0	13.6	10.3	5.8	8.8
06:00	238.0	236.5	241.2	238.5	19.9	13.1	9.7	5.6	8.6
07:00	237.7	234.8	237.0	236.6	18.2	11.9	8.8	3.8	6.4
08:00	232.2	227.5	232.6	229.6	17.9	12.2	8.8	2.3	4.0
09:00	226.1	221.9	227.4	223.8	18.8	15.5	12.2	3.6	5.0
10:00	224.8	224.7	223.8	226.3	20.7	17.8	15.1	6.2	7.6
11:00	222.0	219.5	222.4	221.3	25.3	20.9	18.1	8.4	10.9
12:00	221.5	219.7	221.7	221.5	24.0	20.8	18.4	9.1	11.7
13:00	219.8	218.9	220.3	220.6	28.2	22.9	19.5	8.5	10.9
14:00	221.7	220.8	221.5	222.7	27.9	22.7	18.9	8.5	10.9
15:00	219.8	219.4	218.5	221.4	24.7	20.2	17.7	8.3	10.5
16:00	225.2	224.7	225.5	226.7	28.6	22.7	21.4	7.1	9.2
17:00	231.5	230.2	234.1	232.4	23.7	21.3	18.8	7.1	9.0
18:00	234.3	232.8	235.4	235.0	21.1	15.4	12.4	6.9	9.6
19:00	252.6	252.4	252.3	254.2	16.3	13.0	11.5	4.3	6.1
20:00	241.1	239.1	254.1	240.7	22.6	8.7	6.8	1.1	2.8
21:00	219.0	210.4	235.5	212.6	42.2	10.0	7.7	.5	3.1
22:00	206.5	198.3	222.9	199.7	19.5	14.0	11.5	3.0	5.0
23:00	210.0	201.5	223.9	203.2	15.1	11.9	10.2	3.0	5.1
Avg	225.0	221.0	229.0	222.0	21.9	15.8	13.0	.0	.0
Max	252.6	252.4	254.1	254.2	42.2	24.7	21.4	9.1	11.7
Hr. of Max	19	19	20	19	21	00	16	12	12
Min	203.9	198.3	211.6	199.7	13.8	8.7	6.8	.5	2.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/25/2015

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	5.8	2.0	4.1	6.0	2.5	6.4	.9	-1.1	.01
01:00	8.1	3.8	6.2	8.2	4.3	8.7	-1.9	-.3	-.18
02:00	7.8	3.4	5.8	8.0	3.8	8.5	-1.2	.1	-.11
03:00	11.1	5.7	8.7	11.3	6.2	12.0	-1.0	-.9	-.24
04:00	10.1	4.7	7.7	10.3	5.3	11.0	.0	.1	-.13
05:00	11.7	6.1	9.1	11.9	6.7	12.7	-.5	1.9	-.24
06:00	11.3	5.9	8.8	11.4	6.7	12.3	.6	1.1	-.11
07:00	8.5	4.0	6.6	8.6	4.5	9.2	1.0	1.3	-.04
08:00	5.6	2.4	4.1	5.6	2.9	6.2	-1.4	.4	-.10
09:00	5.9	3.8	5.1	6.0	4.4	6.6	-.4	.7	-.14
10:00	8.5	6.6	7.9	8.8	7.2	9.5	.2	1.7	-.22
11:00	12.8	9.2	11.7	13.5	10.2	14.4	1.0	1.7	-.10
12:00	13.8	9.8	12.4	14.4	10.7	15.5	1.4	3.8	-.03
13:00	12.9	9.4	11.7	13.6	10.0	14.6	1.1	1.6	-.10
14:00	12.6	9.4	11.8	13.3	10.2	14.3	.1	1.0	-.28
15:00	12.1	9.2	11.4	12.8	10.0	13.7	-1.7	-.2	-.50
16:00	10.2	7.8	9.7	10.8	8.5	11.6	-.3	1.7	-.28
17:00	10.2	7.6	9.5	10.7	8.3	11.6	.1	.5	-.21
18:00	11.2	7.4	10.0	11.5	8.1	12.4	.6	.3	-.15
19:00	7.3	4.5	6.4	7.5	5.0	8.0	-.1	.5	-.13
20:00	4.5	1.2	2.9	4.6	1.6	4.9	1.6	1.6	.04
21:00	5.8	.6	3.2	5.9	1.0	6.4	2.2	1.3	.03
22:00	6.8	3.2	5.2	6.9	3.6	7.3	-1.0	.3	-.11
23:00	6.5	3.1	5.2	6.6	3.5	7.1	-1.0	-.1	-.10
Avg	.0	5.5	7.7	9.5	6.1	10.2	.0	.8	-.14
Max	13.8	9.8	12.4	14.4	10.7	15.5	2.2	3.8	.04
Hr. of Max	12	12	12	12	12	12	21	12	20
Min	4.5	.6	2.9	4.6	1.0	4.9	-1.9	-1.1	-.50
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/25/2015

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	-.21	6.9	11.0	14.0	8.4	14.9	12.0	8.6
01:00	-.09	11.2	16.7	20.6	8.9	16.1	9.3	6.8
02:00	-.03	8.0	12.8	16.3	9.9	17.8	10.7	7.9
03:00	-.31	13.3	17.6	27.9	13.7	21.0	12.1	7.7
04:00	-.06	13.5	16.5	19.9	12.2	22.7	13.0	7.3
05:00	.31	14.9	19.9	21.5	17.7	25.5	13.4	7.5
06:00	.16	18.3	18.5	22.9	16.2	20.0	14.4	7.1
07:00	.13	13.5	21.3	30.5	14.2	21.1	13.5	6.7
08:00	.02	6.2	7.6	9.4	6.9	10.1	8.3	5.5
09:00	-.05	8.2	10.1	14.2	9.1	11.1	14.7	10.5
10:00	.11	15.6	18.1	17.6	16.6	19.0	14.5	11.5
11:00	.19	19.7	23.1	25.0	23.0	26.0	16.1	12.2
12:00	.51	24.0	25.2	29.1	27.9	28.9	16.0	14.1
13:00	.08	26.3	31.4	30.2	23.8	27.1	16.1	12.5
14:00	-.05	24.7	24.5	26.8	23.8	28.8	15.6	12.8
15:00	-.32	20.4	21.8	25.6	21.8	28.3	14.3	13.2
16:00	-.05	19.2	20.6	36.0	20.0	23.2	16.4	14.8
17:00	-.09	16.7	19.9	27.7	19.7	21.2	15.1	13.2
18:00	-.09	17.2	19.5	20.8	17.9	23.3	15.2	8.5
19:00	-.03	14.7	19.7	20.2	14.9	18.5	12.0	7.6
20:00	.13	6.0	9.2	12.4	5.2	8.4	9.2	5.3
21:00	.12	3.4	8.0	9.8	8.3	11.2	13.0	5.2
22:00	-.05	8.5	11.4	14.2	9.8	15.3	11.1	9.0
23:00	-.09	10.8	11.9	14.7	9.2	14.9	10.6	8.0
Avg	.01	14.2	17.3	21.1	15.0	19.8	13.2	9.3
Max	.51	26.3	31.4	36.0	27.9	28.9	16.4	14.8
Hr. of Max	12	13	13	16	12	12	16	16
Min	-.32	3.4	7.6	9.4	5.2	8.4	8.3	5.2
Count	24	24	24	24	24	24	24	24
Total								