Date Printed: 01/07/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

1/6/2015

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	-4.6	-3.2	-2.9	-2.4	1.43	1.65	2.22	.22	.80
01:00	-4.9	-3.7	-3.2	-2.6	1.23	1.72	2.29	.49	1.07
02:00	-5.0	-3.8	-3.4	-2.7	1.22	1.61	2.36	.39	1.14
03:00	-5.0	-4.2	-3.9	-3.3	.78	1.14	1.74	.37	.97
04:00	-5.3	-4.4	-3.8	-3.2	.91	1.51	2.19	.60	1.27
05:00	-5.5	-4.6	-3.9	-3.2	.96	1.61	2.34	.65	1.39
06:00	-5.4	-4.1	-3.3	-2.6	1.28	2.08	2.74	.79	1.46
07:00	-5.3	-3.3	-2.8	-2.3	2.02	2.54	2.99	.52	.98
08:00	-3.5	-2.0	-1.7	-1.6	1.51	1.78	1.87	.27	.36
09:00	-.1	-.3	-.4	-.4	-.25	-.39	-.32	-.14	-.07
10:00	3.0	2.4	2.2	2.1	-.58	-.85	-.96	-.27	-.37
11:00	5.0	4.1	3.8	3.7	-.83	-1.15	-1.29	-.33	-.46
12:00	5.8	5.0	4.7	4.5	-.86	-1.16	-1.31	-.30	-.45
13:00	6.1	5.6	5.3	5.1	-.59	-.87	-1.01	-.28	-.43
14:00	6.4	5.9	5.6	5.5	-.49	-.76	-.89	-.27	-.40
15:00	6.9	6.4	6.1	5.9	-.55	-.84	-1.00	-.29	-.45
16:00	6.6	6.4	6.1	6.0	-.26	-.50	-.62	-.24	-.36
17:00	5.0	5.4	5.3	5.2	.38	.26	.24	-.11	-.14
18:00	3.5	4.1	4.0	4.0	.55	.48	.48	-.06	-.07
19:00	1.9	3.1	3.0	3.0	1.16	1.12	1.13	-.03	-.03
20:00	.9	2.0	2.0	2.0	1.06	1.08	1.10	.01	.03
21:00	.5	1.1	1.1	1.1	.58	.55	.56	-.03	-.02
22:00	-.4	.3	.3	.3	.77	.77	.78	.00	.01
23:00	-1.0	-.3	-.3	-.2	.72	.75	.80	.03	.08
Avg	.2	.7	.8	1.0	.51	.59	.77	.08	.26
Max	6.9	6.4	6.1	6.0	2.02	2.54	2.99	.79	1.46
Hr. of Max	15	16	16	16	07	07	07	06	06
Min	-5.5	-4.6	-3.9	-3.3	-.86	-1.16	-1.31	-.33	-.46
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/6/2015

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	-7.0	-9.1	-6.2	5.6	83.3	63.7	2.9	2.5	0.002255
01:00	-7.2	-8.8	-6.4	5.4	84.3	68.0	2.9	2.5	0.002233
02:00	-7.2	-8.5	-6.5	5.3	85.1	70.5	2.9	2.6	0.002227
03:00	-7.2	-7.9	-6.5	5.2	84.8	76.3	2.9	2.7	0.002227
04:00	-7.1	-6.6	-6.5	5.1	87.8	85.5	2.9	3.0	0.002247
05:00	-7.1	-6.6	-6.6	4.9	89.2	86.4	2.9	3.0	0.002251
06:00	-6.8	-6.1	-6.3	4.8	90.0	86.2	3.0	3.1	0.002301
07:00	-6.7	-6.1	-6.2	4.7	90.6	81.7	3.0	3.1	0.002323
08:00	-5.7	-6.3	-5.0	4.6	85.3	72.8	3.2	3.1	0.002507
09:00	-4.8	-5.8	-3.2	4.5	71.1	66.9	3.4	3.2	0.002694
10:00	-4.7	-5.6	-2.1	4.5	57.5	55.9	3.4	3.2	0.002716
11:00	-5.5	-6.4	-2.0	4.5	47.1	46.5	3.2	3.0	0.002558
12:00	-5.8	-6.6	-1.9	4.5	43.4	43.4	3.1	2.9	0.002511
13:00	-6.7	-7.3	-2.4	4.5	39.9	39.4	2.9	2.8	0.00236
14:00	-6.8	-7.4	-2.4	4.6	38.9	38.3	2.9	2.8	0.002343
15:00	-6.5	-7.1	-2.1	4.8	38.2	37.9	2.9	2.8	0.002382
16:00	-6.8	-7.2	-2.3	4.9	38.3	37.7	2.9	2.8	0.002344
17:00	-6.2	-6.7	-2.5	5.1	44.6	41.9	3.0	2.9	0.002435
18:00	-6.1	-6.5	-2.9	5.2	50.0	46.4	3.1	3.0	0.002457
19:00	-5.8	-6.4	-3.2	5.2	57.5	50.4	3.2	3.0	0.002512
20:00	-5.6	-6.2	-3.4	5.1	62.2	54.9	3.2	3.0	0.002537
21:00	-5.9	-6.3	-3.7	5.1	62.5	58.2	3.1	3.0	0.002481
22:00	-6.0	-6.4	-4.2	5.0	66.3	60.9	3.1	3.0	0.002451
23:00	-6.0	-6.5	-4.3	4.9	69.3	63.4	3.1	3.0	0.002459
Avg	-6.3	-6.9	-4.1	4.9	65.3	59.7	3.0	2.9	0.002409
Max	-4.7	-5.6	-1.9	5.6	90.6	86.4	3.4	3.2	0.002716
Hr. of Max	10	10	12	00	07	05	10	10	10
Min	-7.2	-9.1	-6.6	4.5	38.2	37.7	2.9	2.5	0.002227
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/6/2015

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	0.001921	3.6	3.1	.00	29.45	997.2	-2.3	.00	290.0
01:00	0.001976	3.6	3.2	.00	29.43	996.8	-2.8	.00	273.7
02:00	0.002023	3.6	3.2	.00	29.42	996.5	-2.5	.00	263.0
03:00	0.002122	3.6	3.4	.00	29.41	996.1	-1.8	.00	239.7
04:00	0.002345	3.6	3.7	.00	29.40	995.8	-2.4	.00	247.5
05:00	0.002345	3.6	3.7	.00	29.39	995.4	-2.7	.00	254.4
06:00	0.00243	3.7	3.9	.00	29.39	995.4	-2.6	.00	3.1
07:00	0.002439	3.7	3.9	.00	29.40	995.6	1.1	.00	204.4
08:00	0.002396	4.0	3.8	.00	29.41	996.1	150.6	.22	230.3
09:00	0.002494	4.3	4.0	.00	29.43	996.7	332.3	.48	209.6
10:00	0.002536	4.3	4.0	.00	29.42	996.4	416.1	.60	216.1
11:00	0.002387	4.1	3.8	.00	29.39	995.4	511.5	.73	241.6
12:00	0.002361	4.0	3.8	.00	29.36	994.2	517.8	.74	238.5
13:00	0.002237	3.8	3.6	.00	29.33	993.3	350.6	.50	242.0
14:00	0.002229	3.7	3.5	.00	29.32	992.8	308.9	.44	235.4
15:00	0.002279	3.8	3.6	.00	29.32	992.9	328.6	.47	243.5
16:00	0.00227	3.7	3.6	.00	29.32	993.0	173.9	.25	258.0
17:00	0.002351	3.9	3.7	.00	29.34	993.6	15.4	.02	254.8
18:00	0.002375	3.9	3.8	.00	29.35	994.1	-2.2	.00	258.2
19:00	0.002398	4.0	3.8	.00	29.36	994.2	-2.1	.00	248.7
20:00	0.002422	4.0	3.9	.00	29.36	994.1	-2.1	.00	243.7
21:00	0.00241	4.0	3.8	.00	29.37	994.5	-2.3	.00	248.9
22:00	0.002384	3.9	3.8	.00	29.36	994.4	-2.0	.00	237.3
23:00	0.00237	3.9	3.8	.00	29.35	994.1	-2.1	.00	248.9
Avg	0.002313	3.8	3.7	.00	29.38	994.9	128.2	.19	247.0
Max	0.002536	4.3	4.0	.00	29.45	997.2	517.8	.74	290.0
Hr. of Max	10	10	10	23	00	00	12	12	00
Min	0.001921	3.6	3.1	.00	29.32	992.8	-2.8	.00	3.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/6/2015

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	293.6	177.1	286.1	178.0	27.3	39.5	27.4	.3	.3
01:00	40.1	312.9	254.4	311.4	42.8	38.1	24.0	.0	.4
02:00	183.9	22.3	263.8	26.9	19.6	39.3	17.5	.7	.2
03:00	243.8	235.3	244.5	237.3	14.1	8.0	8.0	2.4	4.0
04:00	224.6	254.3	251.0	255.9	26.0	12.7	11.3	1.4	3.0
05:00	225.0	243.7	250.4	245.7	21.9	5.7	7.6	.6	2.9
06:00	240.9	251.7	.0	254.0	51.1	50.1	12.4	.4	1.4
07:00	237.2	246.8	213.5	249.0	22.5	14.9	8.5	1.3	3.4
08:00	249.4	250.1	235.5	252.1	13.0	9.8	8.2	3.0	5.6
09:00	226.8	232.1	215.3	234.5	15.9	12.2	8.5	4.3	6.1
10:00	227.3	230.4	222.3	232.5	23.2	18.7	17.2	5.0	6.5
11:00	247.3	246.1	248.0	248.3	28.7	21.3	17.7	5.3	6.9
12:00	246.6	246.7	244.9	248.3	29.8	27.3	23.6	5.8	7.1
13:00	249.1	248.2	247.1	249.9	28.8	23.9	21.0	5.5	7.0
14:00	239.6	238.8	241.9	241.3	22.3	20.2	18.1	6.4	8.2
15:00	251.4	248.8	250.1	250.6	24.7	18.4	15.1	6.5	8.7
16:00	267.0	268.8	264.2	270.3	22.9	19.3	17.5	5.3	7.2
17:00	264.0	264.4	260.0	266.2	21.1	16.2	13.7	4.4	6.7
18:00	274.9	282.4	263.2	282.9	23.0	17.7	15.3	3.7	5.8
19:00	266.4	273.8	254.7	275.3	21.2	17.3	14.9	2.9	4.5
20:00	263.1	272.3	248.7	273.9	20.9	16.5	14.2	3.4	5.2
21:00	263.2	269.1	254.9	270.5	17.5	14.6	13.9	4.3	6.2
22:00	247.0	251.5	242.7	253.5	14.2	12.3	13.4	3.5	5.5
23:00	257.6	261.1	254.8	262.8	15.9	12.8	11.0	4.1	6.3
Avg	249.0	255.0	250.0	256.0	23.7	20.3	15.0	.0	.0
Max	293.6	312.9	286.1	311.4	51.1	50.1	27.4	6.5	8.7
Hr. of Max	00	01	00	01	06	06	00	15	15
Min	40.1	22.3	.0	26.9	13.0	5.7	7.6	.0	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

1/6/2015

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	.1	.4	.4	.2	.9	.9	.4	-.5	.00
01:00	.2	.0	.6	.5	.3	1.1	1.3	.5	.02
02:00	.4	.8	.7	.6	1.4	1.2	-.3	-1.1	-.02
03:00	4.6	2.5	4.1	4.7	3.1	5.2	-.1	2.6	-.02
04:00	3.1	1.5	3.1	3.2	2.1	3.6	-1.4	2.3	-.08
05:00	4.4	.7	2.9	4.5	1.2	5.0	.5	2.6	.01
06:00	4.7	.6	1.7	4.9	1.3	5.3	1.0	3.6	.03
07:00	6.3	1.5	3.5	6.4	2.0	6.9	1.1	2.2	.01
08:00	7.7	3.2	5.8	7.8	3.7	8.4	.6	1.8	-.01
09:00	7.9	4.5	6.3	8.1	5.0	8.7	.7	.2	-.03
10:00	7.4	5.5	6.9	7.7	6.1	8.5	1.8	1.5	-.04
11:00	8.0	6.0	7.5	8.6	6.7	9.3	.4	.2	-.16
12:00	8.2	6.6	7.9	8.9	7.3	9.7	.8	3.3	-.16
13:00	8.3	6.1	7.6	8.8	6.9	9.6	.9	.6	-.12
14:00	9.2	6.9	8.6	9.7	7.6	10.4	-.9	1.2	-.34
15:00	10.1	7.1	9.1	10.4	7.8	11.1	-1.0	.7	-.36
16:00	8.7	5.8	7.6	9.1	6.4	9.6	-.6	1.1	-.30
17:00	8.5	4.6	6.9	8.7	5.1	9.2	1.9	1.2	-.01
18:00	7.4	4.1	6.2	7.7	4.5	8.0	-.7	-.7	-.19
19:00	6.2	3.1	4.7	6.4	3.7	6.7	-1.9	.7	-.19
20:00	7.0	3.6	5.5	7.2	4.3	7.5	.6	.4	-.04
21:00	7.5	4.6	6.6	7.9	5.2	8.3	-1.2	-.8	-.22
22:00	6.3	3.6	5.6	6.5	4.3	7.0	-.8	.6	-.11
23:00	8.0	4.3	6.5	8.3	4.8	8.8	-1.0	.1	-.18
Avg	.0	3.7	5.3	6.5	4.2	7.1	.1	1.0	-.10
Max	10.1	7.1	9.1	10.4	7.8	11.1	1.9	3.6	.03
Hr. of Max	15	15	15	15	15	15	17	06	06
Min	.1	.0	.4	.2	.3	.9	-1.9	-1.1	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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1/6/2015

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	.00	3.0	2.3	2.3	2.5	2.7	7.2	4.2
01:00	.01	3.0	3.7	4.4	2.0	2.7	6.7	7.9
02:00	-.01	2.7	3.0	2.1	3.5	2.7	5.4	8.5
03:00	.24	5.3	6.2	6.9	5.2	7.5	5.0	2.5
04:00	.15	3.0	8.2	11.2	3.9	6.8	6.7	3.9
05:00	.22	2.7	6.0	7.6	3.5	6.4	9.0	2.5
06:00	.32	2.7	6.4	8.5	3.5	10.7	16.9	5.4
07:00	.23	4.8	8.7	12.1	4.9	13.1	8.6	4.9
08:00	.22	7.8	12.8	13.7	8.8	14.0	9.3	5.9
09:00	-.01	9.6	12.4	18.1	10.7	13.5	11.7	6.6
10:00	.08	13.3	15.6	16.3	15.8	17.2	17.2	12.5
11:00	-.17	23.1	25.6	25.6	16.8	18.8	19.1	14.9
12:00	.25	24.7	19.0	20.8	17.3	20.6	17.4	15.8
13:00	-.09	22.4	30.2	28.6	15.6	17.9	17.1	13.6
14:00	-.07	16.7	16.9	18.3	18.1	19.3	15.5	13.9
15:00	-.05	14.2	23.6	24.3	16.9	22.8	15.4	11.2
16:00	.03	17.6	23.4	27.2	17.3	17.7	17.1	12.1
17:00	.00	13.1	18.1	17.2	13.9	18.7	15.6	10.1
18:00	-.29	13.1	15.3	16.3	13.3	18.2	15.8	12.4
19:00	-.04	10.3	12.6	15.6	10.8	17.3	12.6	11.0
20:00	-.07	9.8	12.8	14.9	11.7	16.0	13.3	10.6
21:00	-.20	11.0	13.1	14.2	12.3	15.2	13.0	9.4
22:00	.04	6.9	13.1	14.4	8.2	14.5	9.4	8.3
23:00	-.07	12.8	13.3	16.9	13.6	17.1	11.6	7.9
Avg	.03	10.6	13.4	14.9	10.4	13.8	12.4	9.0
Max	.32	24.7	30.2	28.6	18.1	22.8	19.1	15.8
Hr. of Max	06	12	13	13	14	15	11	12
Min	-.29	2.7	2.3	2.1	2.0	2.7	5.0	2.5
Count	24	24	24	24	24	24	24	24
Total								