Date Printed: 12/09/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/8/2014

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	1.9	4.0	4.8	5.3	2.13	2.97	3.48	.84	1.34
01:00	2.0	3.9	4.5	5.1	1.90	2.46	3.08	.56	1.18
02:00	1.8	3.2	4.4	5.1	1.44	2.54	3.27	1.11	1.84
03:00	1.9	3.5	4.4	5.2	1.55	2.44	3.26	.89	1.71
04:00	2.7	4.0	4.7	5.4	1.24	1.98	2.66	.74	1.42
05:00	3.2	4.5	4.8	5.4	1.22	1.52	2.12	.29	.90
06:00	3.1	4.8	5.0	5.5	1.69	1.89	2.34	.20	.65
07:00	2.8	4.4	5.0	5.2	1.65	2.15	2.40	.50	.75
08:00	3.2	3.7	4.4	4.8	.51	1.14	1.53	.63	1.03
09:00	4.7	4.8	4.9	5.0	.05	.17	.27	.13	.22
10:00	5.9	5.8	5.7	5.6	-.08	-.22	-.27	-.13	-.19
11:00	7.4	7.0	6.7	6.6	-.38	-.62	-.73	-.25	-.36
12:00	8.4	7.9	7.7	7.5	-.49	-.70	-.81	-.21	-.31
13:00	9.5	8.9	8.6	8.5	-.67	-.92	-1.06	-.26	-.39
14:00	10.4	9.8	9.6	9.5	-.54	-.79	-.91	-.25	-.37
15:00	10.7	10.4	10.1	10.0	-.33	-.59	-.72	-.27	-.40
16:00	9.7	9.7	9.6	9.5	.05	-.12	-.16	-.17	-.22
17:00	7.9	9.2	9.3	9.3	1.24	1.41	1.40	.18	.16
18:00	5.3	7.6	8.1	8.6	2.36	2.79	3.36	.43	1.00
19:00	3.5	5.9	6.6	7.5	2.40	3.10	3.95	.70	1.55
20:00	3.3	5.2	5.8	6.7	1.91	2.54	3.43	.63	1.52
21:00	3.9	5.0	5.6	6.3	1.07	1.64	2.35	.57	1.29
22:00	3.3	4.8	5.3	6.2	1.54	2.02	2.96	.49	1.43
23:00	2.8	4.0	4.9	5.8	1.23	2.12	3.08	.89	1.84
Avg	5.0	5.9	6.3	6.7	.95	1.29	1.68	.34	.73
Max	10.7	10.4	10.1	10.0	2.40	3.10	3.95	1.11	1.84
Hr. of Max	15	15	15	15	19	19	19	02	23
Min	1.8	3.2	4.4	4.8	-.67	-.92	-1.06	-.27	-.40
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/8/2014

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	.2	.1	.8	8.6	89.4	76.6	4.9	4.8	0.003902
01:00	.4	.0	.9	8.5	89.3	76.1	4.9	4.8	0.003954
02:00	.3	.0	.8	8.4	90.1	79.6	4.9	4.8	0.003923
03:00	.6	.1	1.1	8.3	91.5	79.3	5.0	4.8	0.00402
04:00	1.0	.4	1.6	8.2	88.9	78.0	5.2	4.9	0.004135
05:00	.9	-.2	1.7	8.1	85.0	72.4	5.1	4.7	0.004097
06:00	1.1	-.6	1.8	8.1	87.0	68.4	5.2	4.6	0.004158
07:00	.8	-.9	1.5	8.0	87.2	68.6	5.1	4.5	0.00407
08:00	1.1	-.2	1.8	8.0	86.7	76.1	5.2	4.7	0.004166
09:00	1.4	.2	2.5	7.9	80.0	73.2	5.3	4.9	0.004274
10:00	.7	-.3	2.5	7.9	70.2	65.5	5.0	4.7	0.004069
11:00	-.6	-1.3	2.1	8.0	57.7	56.3	4.6	4.3	0.003702
12:00	-1.2	-2.0	2.0	8.2	51.4	50.4	4.3	4.1	0.003536
13:00	-1.5	-2.0	2.2	8.4	46.6	47.0	4.2	4.1	0.003477
14:00	-1.3	-1.9	2.6	8.7	44.7	44.4	4.3	4.1	0.003539
15:00	-1.6	-2.1	2.5	8.8	42.8	42.1	4.2	4.0	0.003458
16:00	-.9	-1.5	2.7	9.0	48.4	46.1	4.4	4.2	0.003649
17:00	.6	-1.5	3.1	9.1	60.8	47.9	5.0	4.2	0.004057
18:00	.6	-1.1	2.2	9.1	72.5	54.7	5.0	4.4	0.004038
19:00	.2	-1.2	1.3	9.0	79.3	60.9	4.9	4.4	0.003914
20:00	.5	-.5	1.4	8.9	82.3	66.9	5.0	4.6	0.003997
21:00	1.2	.6	2.1	8.8	83.0	74.0	5.2	5.0	0.004217
22:00	.9	.4	1.7	8.7	85.2	73.9	5.1	4.9	0.004124
23:00	.8	.1	1.4	8.6	87.6	76.4	5.1	4.8	0.004093
Avg	.3	-.6	1.8	8.5	74.5	64.8	4.9	4.6	0.00394
Max	1.4	.6	3.1	9.1	91.5	79.6	5.3	5.0	0.004274
Hr. of Max	09	21	17	18	03	02	09	21	09
Min	-1.6	-2.1	.8	7.9	42.8	42.1	4.2	4.0	0.003458
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/8/2014

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	0.003888	6.2	6.2	.00	29.38	995.1	-2.4	.00	58.5
01:00	0.003854	6.3	6.1	.00	29.38	995.1	-3.1	.00	55.7
02:00	0.003837	6.2	6.1	.00	29.39	995.2	-2.4	.00	261.8
03:00	0.00389	6.4	6.2	.00	29.39	995.2	-2.4	.00	35.6
04:00	0.003964	6.6	6.3	.00	29.38	995.1	-2.6	.00	56.7
05:00	0.003803	6.5	6.0	.00	29.38	994.8	-2.3	.00	46.0
06:00	0.003685	6.6	5.9	.00	29.40	995.5	-2.2	.00	47.1
07:00	0.003596	6.5	5.7	.00	29.40	995.7	3.0	.00	351.2
08:00	0.003792	6.6	6.0	.00	29.42	996.2	68.1	.10	236.6
09:00	0.00392	6.8	6.2	.00	29.42	996.4	94.2	.14	222.0
10:00	0.003776	6.5	6.0	.00	29.42	996.4	159.0	.23	194.4
11:00	0.003525	5.9	5.6	.00	29.40	995.5	313.7	.45	231.0
12:00	0.003354	5.6	5.3	.00	29.36	994.4	372.6	.53	205.9
13:00	0.003355	5.5	5.3	.00	29.33	993.4	467.7	.67	167.8
14:00	0.003391	5.6	5.4	.00	29.30	992.3	375.6	.54	120.6
15:00	0.003326	5.5	5.3	.00	29.30	992.1	211.4	.30	197.8
16:00	0.00349	5.8	5.5	.00	29.30	992.1	60.7	.09	217.2
17:00	0.003485	6.4	5.5	.00	29.29	991.9	2.5	.00	245.1
18:00	0.003588	6.4	5.7	.00	29.29	991.8	-2.3	.00	288.5
19:00	0.003558	6.2	5.6	.00	29.29	991.9	-2.3	.00	255.8
20:00	0.003718	6.3	5.9	.00	29.29	992.0	-2.2	.00	323.5
21:00	0.004052	6.7	6.4	.00	29.29	991.9	-3.4	.00	67.4
22:00	0.003988	6.5	6.3	.00	29.28	991.5	-3.1	.00	290.1
23:00	0.003899	6.5	6.2	.00	29.27	991.2	-2.5	.00	283.0
Avg	0.003697	6.3	5.9	.00	29.35	993.9	87.3	.13	256.0
Max	0.004052	6.8	6.4	.00	29.42	996.4	467.7	.67	351.2
Hr. of Max	21	09	21	23	10	10	13	13	07
Min	0.003326	5.5	5.3	.00	29.27	991.2	-3.4	.00	35.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/8/2014

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	54.4	57.7	59.0	53.3	41.0	9.5	7.1	.6	2.8
01:00	53.7	63.9	61.2	59.5	39.0	32.5	10.3	.7	2.5
02:00	244.6	102.9	261.6	102.0	53.7	51.4	38.5	.8	.7
03:00	45.6	65.9	34.7	61.8	55.7	33.8	8.3	.7	1.5
04:00	56.7	67.1	57.4	62.7	31.0	18.9	11.3	1.6	3.1
05:00	53.9	71.3	46.0	67.1	27.3	9.4	5.8	1.6	3.6
06:00	63.3	73.2	45.3	69.0	31.2	13.7	7.8	1.0	2.8
07:00	38.0	62.9	349.1	58.7	40.0	34.2	11.3	.5	1.4
08:00	227.9	207.2	239.5	209.2	16.9	20.5	36.7	2.1	2.2
09:00	38.5	120.5	244.0	116.6	60.9	57.8	42.6	.3	.1
10:00	75.0	97.2	206.2	104.5	66.6	53.4	33.3	.3	.3
11:00	228.8	225.0	236.0	223.0	28.7	30.2	38.1	2.3	2.6
12:00	231.1	231.5	205.8	231.9	61.2	45.8	39.8	1.7	2.1
13:00	187.7	198.6	171.1	198.3	62.7	60.6	58.5	1.5	1.5
14:00	145.2	151.7	126.5	151.3	59.8	56.7	46.8	1.1	1.1
15:00	201.2	196.7	201.9	196.3	38.7	30.7	25.7	2.7	3.7
16:00	219.7	217.7	220.3	219.3	17.2	13.1	7.9	2.9	4.4
17:00	220.4	212.5	239.6	212.6	52.7	37.0	14.3	.7	1.3
18:00	76.5	205.3	285.1	197.5	55.3	55.8	33.7	.1	.1
19:00	222.0	236.0	252.4	236.2	40.1	24.2	13.5	.6	1.6
20:00	29.5	176.3	324.3	175.6	22.6	29.4	8.2	.2	.1
21:00	46.0	94.1	72.7	73.5	31.1	19.5	15.1	.2	.8
22:00	46.6	179.7	287.8	179.5	36.8	48.9	26.8	.4	.0
23:00	247.7	216.5	279.7	217.9	56.5	12.3	5.2	.1	1.9
Avg	90.0	150.0	257.0	148.0	42.8	33.3	22.8	.0	.0
Max	247.7	236.0	349.1	236.2	66.6	60.6	58.5	2.9	4.4
Hr. of Max	23	19	07	19	10	13	13	16	16
Min	29.5	57.7	34.7	53.3	16.9	9.4	5.2	.1	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/8/2014

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	4.4	.7	2.9	4.5	1.1	4.9	1.8	-.1	.04
01:00	4.1	1.4	2.5	4.1	1.7	4.5	.6	-1.0	-.02
02:00	1.7	1.6	2.0	2.0	2.1	2.5	1.6	-2.0	.03
03:00	3.3	1.0	1.6	3.3	1.4	3.8	.5	-1.2	.01
04:00	4.6	1.8	3.4	4.8	2.2	5.2	-.9	-.6	-.07
05:00	5.4	1.7	3.7	5.4	1.9	5.8	-3.1	-.5	-.15
06:00	4.6	1.1	2.9	4.8	1.5	5.2	-1.5	-.2	-.04
07:00	2.4	1.0	1.5	2.5	1.4	2.9	1.5	-.1	.02
08:00	1.1	2.2	2.3	1.2	2.7	1.7	-1.2	-.3	-.07
09:00	.5	.8	.8	.9	1.3	1.5	-1.0	-2.5	-.03
10:00	.7	.5	.7	1.1	1.0	1.7	4.7	-.8	.10
11:00	2.6	2.6	2.8	2.8	3.2	3.6	1.6	-.3	-.02
12:00	2.4	2.5	2.8	3.0	3.1	3.7	1.6	.3	.05
13:00	1.8	2.8	2.9	3.1	3.4	4.1	-3.2	-7.6	-.27
14:00	1.3	2.5	2.5	2.4	3.1	3.2	-3.9	-4.9	-.16
15:00	4.3	3.8	4.9	5.4	4.6	6.1	2.7	4.3	.07
16:00	5.6	3.0	4.5	5.7	3.5	6.2	1.1	-.4	.01
17:00	1.7	1.2	1.8	2.0	1.6	2.5	1.7	-.5	.01
18:00	.2	.2	.2	.3	.6	.9	1.9	.6	.03
19:00	2.7	.8	1.6	2.8	1.3	3.3	.8	2.7	.01
20:00	1.2	.2	.1	1.2	.7	1.7	1.4	-.9	.01
21:00	.3	.2	.9	.3	.7	.7	3.9	-.6	.05
22:00	1.3	.4	.6	1.5	.9	2.0	1.3	.6	.02
23:00	4.0	.1	2.0	4.0	.6	4.6	2.6	.5	.03
Avg	.0	1.4	2.2	2.9	1.9	3.4	.7	-.6	-.01
Max	5.6	3.8	4.9	5.7	4.6	6.2	4.7	4.3	.10
Hr. of Max	16	15	15	16	15	16	10	15	10
Min	.2	.1	.1	.3	.6	.7	-3.9	-7.6	-.27
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	3.7	6.6	10.1	3.1	7.5	8.4	3.5
01:00	-.08	4.4	7.8	10.5	3.6	8.5	7.4	5.4
02:00	-.04	4.4	5.0	5.5	5.3	6.5	9.0	8.3
03:00	-.06	3.0	4.4	6.6	3.5	7.1	7.9	4.6
04:00	-.06	4.6	6.4	11.7	5.2	8.6	10.2	3.6
05:00	-.05	3.7	6.2	8.9	4.1	9.5	11.8	3.5
06:00	-.03	3.0	9.2	10.5	3.6	8.8	12.9	3.4
07:00	-.01	3.0	3.4	7.1	3.4	5.0	7.1	4.5
08:00	.00	4.4	5.5	4.4	5.4	4.9	5.8	7.6
09:00	-.09	2.7	3.9	3.4	3.3	4.0	12.7	14.0
10:00	.00	3.4	4.1	3.9	4.6	4.5	21.4	20.4
11:00	-.05	6.6	8.2	7.3	8.0	8.4	19.9	23.7
12:00	.02	8.0	7.8	12.1	8.4	10.8	24.3	25.4
13:00	-.80	8.7	9.2	9.4	10.1	9.9	24.0	29.3
14:00	-.39	6.9	7.3	6.9	8.1	7.8	25.9	32.3
15:00	.28	9.8	10.5	9.6	11.5	11.3	18.4	17.5
16:00	-.08	9.6	10.8	11.4	8.7	9.5	12.9	6.1
17:00	-.04	7.8	9.4	9.4	5.2	5.3	10.5	8.1
18:00	.01	2.3	1.6	1.6	2.7	2.0	9.5	7.6
19:00	.16	5.0	5.5	5.0	6.2	5.5	8.0	3.9
20:00	-.02	2.1	1.1	3.7	2.1	2.7	7.4	4.2
21:00	-.01	1.4	2.1	2.3	1.7	2.2	8.5	8.9
22:00	.01	2.3	3.0	5.0	2.7	5.6	7.5	11.3
23:00	.04	1.8	5.3	9.4	1.8	6.6	11.6	3.3
Avg	-.05	4.7	6.0	7.3	5.1	6.8	12.6	10.9
Max	.28	9.8	10.8	12.1	11.5	11.3	25.9	32.3
Hr. of Max	15	15	16	12	15	15	14	14
Min	-.80	1.4	1.1	1.6	1.7	2.0	5.8	3.3
Count	24	24	24	24	24	24	24	24
Total								