Date Printed: 09/26/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

9/25/2014

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	13.2	14.9	15.6	16.7	1.74	2.45	3.53	.70	1.79
01:00	13.0	14.9	15.3	15.9	1.92	2.29	2.95	.37	1.03
02:00	13.3	14.9	15.1	15.7	1.52	1.78	2.32	.26	.80
03:00	13.0	14.6	14.9	15.3	1.64	1.90	2.29	.26	.65
04:00	12.9	14.5	14.6	14.9	1.54	1.69	2.00	.15	.46
05:00	13.4	14.5	14.6	14.9	1.08	1.27	1.57	.19	.49
06:00	13.4	14.4	14.5	15.0	.96	1.13	1.58	.17	.62
07:00	12.4	13.7	14.1	14.5	1.31	1.71	2.12	.40	.80
08:00	14.6	14.8	14.8	14.9	.23	.19	.30	-.04	.07
09:00	18.1	17.6	17.3	17.1	-.50	-.83	-.99	-.33	-.49
10:00	20.2	19.3	18.9	18.6	-.89	-1.33	-1.58	-.44	-.69
11:00	22.0	20.8	20.4	20.2	-1.25	-1.64	-1.85	-.38	-.59
12:00	24.0	22.8	22.4	22.2	-1.21	-1.60	-1.79	-.39	-.58
13:00	25.2	24.0	23.5	23.4	-1.26	-1.68	-1.85	-.43	-.59
14:00	26.7	25.5	25.0	24.8	-1.19	-1.72	-1.96	-.53	-.76
15:00	27.2	26.1	25.6	25.3	-1.09	-1.64	-1.92	-.55	-.83
16:00	26.9	26.3	26.0	25.8	-.61	-.95	-1.13	-.34	-.52
17:00	26.5	26.1	25.9	25.8	-.38	-.62	-.69	-.24	-.32
18:00	25.8	25.8	25.7	25.7	.04	-.05	-.06	-.08	-.09
19:00	21.9	23.1	24.2	24.6	1.29	2.32	2.73	1.03	1.44
20:00	19.9	21.6	22.4	23.1	1.73	2.55	3.22	.81	1.49
21:00	18.9	20.5	20.8	22.0	1.65	1.97	3.09	.32	1.44
22:00	18.2	19.6	19.9	21.0	1.39	1.76	2.79	.37	1.41
23:00	17.4	18.6	19.0	19.8	1.26	1.66	2.46	.41	1.20
Avg	19.1	19.5	19.6	19.9	.46	.53	.80	.07	.34
Max	27.2	26.3	26.0	25.8	1.92	2.55	3.53	1.03	1.79
Hr. of Max	15	16	16	17	01	20	00	19	00
Min	12.4	13.7	14.1	14.5	-1.26	-1.72	-1.96	-.55	-.83
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/25/2014

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	11.1	11.8	11.8	22.3	88.7	83.0	10.1	10.5	0.00843
01:00	11.2	11.8	11.8	22.0	90.0	83.0	10.1	10.5	0.008446
02:00	11.4	11.3	12.0	21.7	89.3	80.5	10.2	10.1	0.008576
03:00	11.1	11.6	11.7	21.5	89.3	83.2	10.0	10.3	0.008396
04:00	11.4	11.8	11.9	21.2	91.3	85.1	10.2	10.4	0.00855
05:00	11.7	11.9	12.3	21.0	91.2	85.9	10.5	10.5	0.008773
06:00	11.8	11.9	12.3	20.8	91.2	86.7	10.5	10.6	0.00879
07:00	11.0	11.9	11.5	20.6	92.4	89.9	10.0	10.5	0.008351
08:00	12.2	11.8	13.0	20.4	86.9	83.2	10.7	10.4	0.009041
09:00	12.9	12.3	14.7	20.3	73.2	72.4	11.2	10.7	0.009519
10:00	13.0	12.6	15.4	20.4	64.5	66.2	11.1	10.8	0.009567
11:00	13.4	13.2	16.3	20.7	59.4	63.1	11.4	11.2	0.009863
12:00	13.8	13.6	17.2	21.2	53.9	57.3	11.6	11.5	0.010111
13:00	14.0	13.7	17.7	21.9	50.9	54.0	11.7	11.6	0.01026
14:00	14.1	14.2	18.3	22.7	47.0	50.6	11.7	11.8	0.010364
15:00	13.9	14.0	18.4	23.4	45.1	48.4	11.6	11.7	0.010266
16:00	14.4	14.4	18.6	23.8	47.3	49.0	12.0	12.0	0.010582
17:00	14.9	14.8	18.8	24.0	50.1	51.1	12.4	12.3	0.010934
18:00	15.3	15.3	18.8	24.1	54.0	53.5	12.8	12.7	0.011253
19:00	16.3	16.1	18.1	24.1	72.2	65.9	13.6	13.4	0.011892
20:00	16.2	16.4	17.4	24.0	81.1	74.1	13.7	13.8	0.01184
21:00	16.0	16.5	17.0	23.8	85.2	79.6	13.5	13.9	0.011681
22:00	15.9	16.5	16.6	23.6	88.0	84.0	13.4	13.9	0.011562
23:00	15.4	16.4	16.0	23.3	89.9	89.0	13.1	13.9	0.011205
Avg	13.4	13.6	15.3	22.2	73.8	71.6	11.5	11.6	0.009927
Max	16.3	16.5	18.8	24.1	92.4	89.9	13.7	13.9	0.011892
Hr. of Max	19	22	18	19	07	07	20	23	19
Min	11.0	11.3	11.5	20.3	45.1	48.4	10.0	10.1	0.008351
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/25/2014

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	0.00883	13.3	13.9	.00	29.33	993.3	-2.6	.00	60.9
01:00	0.008824	13.3	13.9	.00	29.33	993.2	-2.6	.00	90.8
02:00	0.008538	13.5	13.5	.00	29.33	993.3	-2.8	.00	50.4
03:00	0.008706	13.2	13.7	.00	29.33	993.1	-2.7	.00	68.3
04:00	0.008807	13.5	13.9	.00	29.33	993.3	-2.4	.00	60.1
05:00	0.008865	13.8	14.0	.00	29.34	993.5	-2.9	.00	61.7
06:00	0.008894	13.8	14.0	.00	29.35	993.8	-2.7	.00	50.0
07:00	0.008858	13.2	14.0	.00	29.36	994.2	15.3	.02	50.6
08:00	0.008786	14.2	13.9	.00	29.36	994.4	186.4	.27	81.8
09:00	0.009128	15.0	14.4	.00	29.37	994.5	387.7	.56	81.5
10:00	0.009294	15.1	14.6	.00	29.36	994.4	580.6	.83	81.7
11:00	0.009693	15.5	15.3	.00	29.35	993.9	723.1	1.04	95.5
12:00	0.009978	15.9	15.7	.00	29.33	993.2	808.3	1.16	67.6
13:00	0.010102	16.1	15.9	.00	29.31	992.6	841.0	1.21	100.6
14:00	0.010412	16.3	16.3	.00	29.28	991.5	816.6	1.17	68.0
15:00	0.010326	16.1	16.2	.00	29.26	990.8	703.9	1.01	57.7
16:00	0.010578	16.6	16.6	.00	29.24	990.3	397.5	.57	57.7
17:00	0.010892	17.1	17.0	.00	29.23	990.0	229.3	.33	43.8
18:00	0.011187	17.6	17.5	.00	29.23	989.9	116.9	.17	41.6
19:00	0.011749	18.6	18.4	.00	29.23	989.9	5.0	.01	15.7
20:00	0.01203	18.5	18.8	.00	29.24	990.1	-3.5	-.01	18.0
21:00	0.012098	18.3	18.9	.00	29.25	990.5	-3.6	-.01	348.0
22:00	0.012038	18.1	18.8	.00	29.26	990.7	-3.1	.00	24.5
23:00	0.012004	17.5	18.8	.00	29.26	991.0	-2.6	.00	304.1
Avg	0.010026	15.6	15.8	.00	29.30	992.3	240.8	.35	55.0
Max	0.012098	18.6	18.9	.00	29.37	994.5	841.0	1.21	348.0
Hr. of Max	21	19	21	23	09	09	13	13	21
Min	0.008538	13.2	13.5	.00	29.23	989.9	-3.6	-.01	15.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/25/2014

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	75.0	62.2	71.6	58.2	37.9	8.5	4.3	.7	3.0
01:00	69.3	65.4	100.4	60.8	16.5	15.9	6.1	.8	2.7
02:00	57.7	62.5	59.9	58.2	14.8	8.3	5.3	1.5	3.7
03:00	59.5	60.5	82.0	56.5	28.7	14.1	7.9	.9	3.4
04:00	55.8	59.0	69.3	54.9	22.1	11.2	5.3	1.2	3.6
05:00	62.6	60.0	70.8	55.6	18.5	10.1	5.0	2.0	5.3
06:00	63.0	63.8	57.9	59.3	14.4	8.5	5.9	1.9	4.5
07:00	63.2	62.0	63.6	57.9	29.8	9.6	5.3	.4	2.0
08:00	64.2	60.8	92.5	57.2	26.4	21.2	13.9	1.1	2.1
09:00	73.1	66.3	89.1	62.5	24.5	20.9	14.8	3.6	4.8
10:00	71.7	67.5	89.2	63.6	27.0	24.7	20.4	4.1	5.2
11:00	86.9	81.5	102.3	76.6	26.5	27.3	18.8	4.8	5.5
12:00	55.6	51.8	79.3	48.6	46.5	37.4	34.1	2.5	3.3
13:00	96.6	88.8	107.9	84.5	25.5	25.1	23.2	4.2	4.9
14:00	57.8	54.7	77.3	50.9	46.0	33.3	27.0	3.4	5.3
15:00	51.8	49.0	63.4	44.4	33.6	21.1	15.7	5.6	9.4
16:00	55.6	55.4	66.9	51.3	36.1	26.0	19.2	4.1	6.4
17:00	42.6	47.1	52.1	42.3	38.4	21.4	16.1	3.0	6.1
18:00	44.9	48.8	51.3	44.0	33.7	15.7	9.5	2.6	6.2
19:00	24.4	30.2	30.4	23.8	31.5	9.4	5.7	.6	4.7
20:00	70.1	46.7	358.6	42.2	24.0	20.3	9.1	.5	1.7
21:00	68.9	62.2	2.3	58.9	19.5	7.0	5.6	.4	1.2
22:00	67.7	65.6	35.9	61.9	10.4	6.9	3.5	.9	1.8
23:00	92.9	63.6	305.3	60.1	27.3	33.5	5.9	.3	.4
Avg	63.0	59.0	64.0	55.0	27.5	18.2	12.0	.0	.0
Max	96.6	88.8	358.6	84.5	46.5	37.4	34.1	5.6	9.4
Hr. of Max	13	13	20	13	12	12	12	15	15
Min	24.4	30.2	2.3	23.8	10.4	6.9	3.5	.3	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/25/2014

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	6.1	.8	3.1	6.2	1.2	6.6	3.9	.9	.07
01:00	6.3	.8	2.8	6.4	1.3	6.8	.6	-1.8	.02
02:00	6.4	1.6	3.7	6.5	1.9	6.9	-1.0	-.5	-.06
03:00	6.4	1.0	3.5	6.4	1.4	6.9	1.7	.4	.01
04:00	6.0	1.4	3.6	6.1	1.8	6.5	-.8	.0	-.06
05:00	8.0	2.2	5.4	8.0	2.6	8.4	-1.2	-1.6	-.14
06:00	6.7	2.0	4.6	6.7	2.3	7.1	-2.6	-1.8	-.16
07:00	3.7	.5	2.0	3.7	1.0	4.1	2.1	-.9	.03
08:00	3.5	1.2	2.2	3.6	1.8	4.1	2.0	3.2	.07
09:00	5.9	3.9	5.0	6.1	4.7	6.6	2.5	2.2	.12
10:00	6.1	4.4	5.6	6.4	5.2	7.1	1.5	4.3	.04
11:00	6.2	5.2	5.9	6.5	5.9	7.0	.6	-1.0	-.04
12:00	3.6	4.0	4.8	5.1	4.9	5.8	2.3	5.7	.03
13:00	5.2	4.6	5.3	5.6	5.3	6.3	.7	.6	.01
14:00	6.3	4.6	6.4	7.3	5.7	8.1	.8	5.6	-.09
15:00	11.2	6.4	9.9	11.6	7.0	12.3	-1.2	-.8	-.46
16:00	8.4	4.8	7.0	8.8	5.5	9.4	-.5	2.0	-.27
17:00	7.9	3.6	6.5	8.2	4.2	8.7	-3.2	-.1	-.44
18:00	8.3	3.0	6.4	8.4	3.5	8.9	-2.1	-1.0	-.34
19:00	6.8	.8	4.8	6.9	1.3	7.2	-.1	2.4	-.04
20:00	3.4	.5	1.9	3.6	.8	3.9	2.3	2.2	.05
21:00	2.7	.5	1.2	2.7	.8	3.0	.7	1.4	.01
22:00	3.7	.9	1.8	3.7	1.3	4.0	.8	1.6	.00
23:00	2.1	.4	.4	2.1	.7	2.5	1.7	.9	.02
Avg	.0	2.5	4.3	6.1	3.0	6.6	.5	1.0	-.07
Max	11.2	6.4	9.9	11.6	7.0	12.3	3.9	5.7	.12
Hr. of Max	15	15	15	15	15	15	00	12	09
Min	2.1	.4	.4	2.1	.7	2.5	-3.2	-1.8	-.46
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/25/2014

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	.08	2.7	5.3	11.9	3.5	8.9	11.0	3.5
01:00	-.23	3.7	8.0	14.7	3.2	9.7	10.0	4.3
02:00	-.07	3.7	6.9	15.1	3.4	9.9	10.1	3.5
03:00	.01	3.7	10.5	15.8	4.4	10.7	14.6	5.9
04:00	-.01	3.7	8.9	14.2	4.3	10.6	12.3	4.2
05:00	-.26	7.3	10.5	11.9	7.8	12.9	13.8	3.9
06:00	-.24	5.7	9.4	21.1	6.5	11.9	11.8	3.1
07:00	-.08	3.0	5.5	11.0	3.9	7.1	9.0	3.7
08:00	.12	5.3	6.9	8.7	6.3	8.4	19.2	12.6
09:00	.06	9.4	11.7	13.1	10.5	14.0	18.2	14.8
10:00	.43	12.4	19.5	13.5	13.6	15.9	21.3	17.1
11:00	-.19	11.9	13.1	16.0	13.3	13.9	17.8	16.3
12:00	.48	11.4	11.9	12.4	13.1	12.8	24.1	23.0
13:00	.02	11.4	12.1	11.7	12.1	12.5	19.3	20.1
14:00	.55	15.1	17.9	18.3	14.3	20.1	23.1	20.6
15:00	-.39	17.4	24.0	34.6	19.5	21.2	22.0	12.8
16:00	.12	15.1	18.1	18.5	16.6	18.7	22.7	13.9
17:00	-.17	11.7	20.4	19.2	13.8	16.2	22.8	11.1
18:00	-.23	9.2	12.6	18.3	12.1	14.6	23.5	7.7
19:00	.28	4.6	13.7	15.3	4.4	10.7	19.3	4.6
20:00	.18	2.1	4.8	8.0	2.4	9.0	7.1	5.8
21:00	.08	1.8	2.1	6.0	1.9	3.8	4.8	2.7
22:00	.11	3.0	3.0	6.4	2.1	5.0	6.8	2.3
23:00	.05	1.4	3.2	7.3	1.7	4.3	7.0	2.9
Avg	.03	7.4	10.8	14.3	8.1	11.8	15.5	9.2
Max	.55	17.4	24.0	34.6	19.5	21.2	24.1	23.0
Hr. of Max	14	15	15	15	15	15	12	12
Min	-.39	1.4	2.1	6.0	1.7	3.8	4.8	2.3
Count	24	24	24	24	24	24	24	24
Total								