Date Printed: 05/06/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2015

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	13.2	15.4	16.0	18.0	2.12	2.77	4.71	.65	2.58
01:00	12.6	14.4	15.3	16.7	1.85	2.71	4.09	.86	2.24
02:00	11.9	13.8	14.2	15.6	1.84	2.32	3.72	.48	1.88
03:00	11.4	13.0	13.5	14.9	1.64	2.14	3.54	.50	1.90
04:00	10.9	12.6	13.1	14.7	1.71	2.20	3.84	.50	2.14
05:00	10.4	11.9	12.6	13.6	1.56	2.29	3.26	.73	1.70
06:00	10.2	11.6	12.0	12.8	1.41	1.78	2.62	.37	1.21
07:00	11.1	12.0	12.3	13.2	.91	1.22	2.06	.31	1.15
08:00	14.8	14.6	14.5	14.6	-.19	-.37	-.22	-.18	-.02
09:00	19.1	18.8	18.6	18.4	-.33	-.55	-.69	-.22	-.36
10:00	21.8	21.0	20.7	20.6	-.77	-1.05	-1.17	-.28	-.40
11:00	23.2	22.4	22.1	22.0	-.80	-1.08	-1.22	-.27	-.42
12:00	25.0	24.0	23.8	23.6	-.94	-1.22	-1.34	-.27	-.39
13:00	26.5	25.4	25.1	24.9	-1.04	-1.40	-1.56	-.36	-.51
14:00	27.5	26.3	26.0	25.8	-1.14	-1.46	-1.64	-.32	-.50
15:00	27.7	26.8	26.5	26.3	-.91	-1.24	-1.43	-.34	-.53
16:00	27.8	27.2	26.9	26.7	-.66	-.98	-1.11	-.31	-.45
17:00	27.9	27.4	27.1	27.0	-.47	-.80	-.94	-.32	-.46
18:00	27.7	27.5	27.2	27.1	-.21	-.47	-.64	-.26	-.42
19:00	25.1	26.5	26.6	26.6	1.40	1.54	1.55	.15	.15
20:00	21.3	23.9	24.6	25.2	2.53	3.23	3.86	.70	1.34
21:00	19.6	22.3	22.9	23.4	2.71	3.32	3.79	.61	1.08
22:00	20.0	22.4	22.6	22.7	2.40	2.62	2.69	.22	.29
23:00	20.4	21.9	22.2	22.4	1.55	1.83	2.04	.28	.49
Avg	19.5	20.1	20.3	20.7	.67	.81	1.24	.13	.57
Max	27.9	27.5	27.2	27.1	2.71	3.32	4.71	.86	2.58
Hr. of Max	17	18	18	18	21	21	00	01	00
Min	10.2	11.6	12.0	12.8	-1.14	-1.46	-1.64	-.36	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2015

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	10.1	10.6	11.2	19.6	82.5	74.2	9.4	9.6	0.007871
01:00	10.0	10.7	10.9	19.3	85.7	79.4	9.4	9.7	0.007821
02:00	9.8	10.8	10.5	19.0	88.3	83.3	9.3	9.8	0.007716
03:00	9.7	10.7	10.2	18.8	90.3	87.1	9.2	9.8	0.007618
04:00	9.4	10.5	9.9	18.5	91.7	88.5	9.0	9.7	0.00749
05:00	9.1	10.4	9.5	18.3	93.1	91.6	8.9	9.6	0.007328
06:00	9.0	10.3	9.4	18.0	93.2	93.0	8.8	9.6	0.007262
07:00	9.7	10.1	10.2	17.8	92.3	89.2	9.2	9.4	0.007626
08:00	11.4	10.4	12.5	17.6	81.0	77.1	10.2	9.6	0.008543
09:00	12.6	11.6	14.8	17.4	67.5	64.5	10.9	10.2	0.009319
10:00	11.4	10.7	14.9	17.5	52.8	52.9	10.0	9.6	0.008617
11:00	12.0	11.3	15.7	17.9	50.4	50.6	10.3	9.9	0.008954
12:00	11.4	10.8	15.9	18.5	43.5	44.2	9.9	9.5	0.008629
13:00	10.9	10.3	16.1	19.3	38.6	39.4	9.6	9.2	0.008385
14:00	9.2	8.5	15.3	20.1	32.6	33.3	8.5	8.2	0.007505
15:00	8.7	8.2	15.1	20.6	31.1	31.6	8.3	8.0	0.007295
16:00	9.6	8.8	15.7	20.9	32.8	32.4	8.8	8.3	0.007731
17:00	9.4	8.7	15.5	21.1	32.2	31.6	8.6	8.3	0.007612
18:00	10.0	9.1	15.9	21.3	34.1	32.3	9.0	8.5	0.007965
19:00	12.8	10.3	16.9	21.3	47.9	37.3	10.9	9.2	0.009517
20:00	13.2	11.9	15.9	21.3	61.1	48.1	11.3	10.3	0.009746
21:00	13.2	12.5	15.3	21.2	67.7	54.9	11.3	10.7	0.009707
22:00	13.6	12.9	15.7	21.0	68.0	56.1	11.5	11.0	0.009942
23:00	13.8	12.9	16.0	20.8	67.2	57.8	11.7	11.0	0.010105
Avg	10.8	10.5	13.7	19.5	63.6	59.6	9.8	9.5	0.008346
Max	13.8	12.9	16.9	21.3	93.2	93.0	11.7	11.0	0.010105
Hr. of Max	23	23	19	20	06	06	23	23	23
Min	8.7	8.2	9.4	17.4	31.1	31.6	8.3	8.0	0.007262
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2015

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	0.008121	12.4	12.8	.00	29.35	994.0	-3.5	-.01	.9
01:00	0.008173	12.3	12.9	.00	29.36	994.1	-3.2	.00	54.4
02:00	0.008213	12.2	13.0	.00	29.35	994.1	-2.9	.00	55.5
03:00	0.008186	12.0	12.9	.00	29.36	994.2	-2.7	.00	19.6
04:00	0.008085	11.8	12.8	.00	29.37	994.6	-1.7	.00	4.9
05:00	0.008	11.6	12.6	.00	29.37	994.7	-1.9	.00	260.7
06:00	0.007965	11.5	12.6	.00	29.39	995.3	2.0	.00	13.4
07:00	0.00783	12.1	12.4	.00	29.41	996.1	71.6	.10	131.2
08:00	0.008025	13.5	12.7	.00	29.42	996.5	300.6	.43	144.0
09:00	0.008717	14.7	13.8	.00	29.42	996.5	514.6	.74	172.0
10:00	0.008234	13.6	13.0	.00	29.42	996.4	701.5	1.01	239.8
11:00	0.008559	14.1	13.5	.00	29.42	996.3	851.2	1.22	202.9
12:00	0.008271	13.6	13.1	.00	29.40	995.6	945.6	1.36	167.2
13:00	0.008026	13.2	12.7	.00	29.37	994.7	981.0	1.41	129.6
14:00	0.007154	11.8	11.3	.00	29.35	993.8	969.8	1.39	143.2
15:00	0.00701	11.5	11.1	.00	29.33	993.1	872.7	1.25	60.0
16:00	0.007339	12.2	11.6	.00	29.30	992.3	575.9	.83	156.6
17:00	0.007264	12.0	11.4	.00	29.28	991.7	421.0	.60	89.9
18:00	0.007461	12.5	11.8	.00	29.28	991.4	276.5	.40	186.7
19:00	0.008112	14.9	12.8	.00	29.27	991.1	109.0	.16	249.3
20:00	0.008947	15.3	14.1	.00	29.27	991.3	6.6	.01	290.3
21:00	0.009299	15.2	14.6	.00	29.29	991.9	-2.1	.00	12.6
22:00	0.009518	15.6	15.0	.00	29.31	992.5	-2.6	.00	254.8
23:00	0.009558	15.9	15.0	.00	29.31	992.7	-.8	.00	262.4
Avg	0.008169	13.1	12.9	.00	29.35	994.0	315.8	.45	143.0
Max	0.009558	15.9	15.0	.00	29.42	996.5	981.0	1.41	290.3
Hr. of Max	23	23	23	23	11	09	13	13	20
Min	0.00701	11.5	11.1	.00	29.27	991.1	-3.5	-.01	.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2015

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	60.9	350.9	290.9	349.5	61.6	31.0	41.9	.2	.5
01:00	56.6	62.1	62.2	58.5	46.7	15.6	19.8	.2	1.2
02:00	62.8	59.7	49.9	55.7	20.4	12.7	8.8	.3	1.3
03:00	65.1	49.0	24.5	43.9	30.4	8.9	11.5	.2	.8
04:00	61.8	44.2	3.3	39.3	58.0	16.3	17.9	.2	1.1
05:00	202.2	113.1	260.8	106.0	35.2	63.7	40.3	.8	.1
06:00	143.6	190.7	13.2	188.2	42.2	22.1	28.5	.4	.4
07:00	51.1	72.8	125.8	67.0	53.1	24.3	13.2	.0	.7
08:00	130.8	357.0	157.5	349.7	33.2	51.9	28.0	.4	.2
09:00	190.9	214.2	180.5	214.5	38.4	48.3	57.1	1.1	1.1
10:00	244.9	242.9	246.7	244.5	32.5	27.3	21.3	3.9	5.0
11:00	210.2	216.2	207.6	217.6	57.8	50.7	41.9	2.4	2.9
12:00	185.1	192.8	172.3	195.2	59.3	54.6	48.6	2.0	2.0
13:00	136.9	133.4	131.3	129.2	61.7	55.0	54.8	1.7	1.8
14:00	132.5	113.3	149.4	111.6	52.1	52.5	46.5	2.1	2.3
15:00	57.9	55.9	61.4	52.4	58.3	49.6	41.7	2.5	3.1
16:00	2.4	29.1	180.0	21.2	74.6	71.6	70.9	.5	.4
17:00	78.1	72.3	89.3	69.0	53.8	53.2	53.0	1.8	2.2
18:00	202.0	194.0	189.1	191.5	45.2	41.3	39.3	1.3	1.6
19:00	196.3	180.6	249.6	182.7	23.7	15.5	11.5	.8	1.7
20:00	212.8	186.9	290.2	188.6	24.6	20.7	16.2	.9	2.1
21:00	74.4	146.4	13.0	141.4	50.4	53.4	39.8	.5	1.1
22:00	235.6	208.5	260.4	209.7	24.8	23.3	28.9	2.7	3.4
23:00	248.1	231.4	263.7	233.3	39.6	18.8	10.8	1.7	3.7
Avg	134.0	130.0	185.0	127.0	44.9	36.8	33.0	.0	.0
Max	248.1	357.0	290.9	349.7	74.6	71.6	70.9	3.9	5.0
Hr. of Max	23	08	00	08	16	16	16	10	10
Min	2.4	29.1	3.3	21.2	20.4	8.9	8.8	.0	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2015

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	.2	.3	.6	.4	.5	.9	1.5	1.0	.01
01:00	.9	.3	1.3	1.1	.7	1.5	2.8	-.6	.04
02:00	1.9	.3	1.4	1.9	.7	2.3	2.1	.5	.03
03:00	1.4	.2	.8	1.5	.6	1.9	2.4	.0	.03
04:00	2.1	.2	1.2	2.4	.5	2.7	1.4	1.4	.02
05:00	.2	1.0	.4	.5	1.4	.9	.1	.9	.01
06:00	.3	.9	1.1	1.1	1.3	1.4	1.7	.1	.03
07:00	1.2	.2	.7	1.3	.6	1.7	3.9	-.3	.05
08:00	.7	.5	.8	1.4	1.1	1.8	7.3	-1.8	.22
09:00	1.1	1.4	1.5	1.3	2.0	2.0	2.7	-1.9	.18
10:00	5.7	4.7	5.7	6.2	5.3	6.8	-1.2	.5	-.24
11:00	3.4	3.4	3.8	4.2	4.0	4.9	1.5	2.4	-.06
12:00	2.3	3.1	2.9	3.0	3.8	3.9	-1.8	-4.4	-.08
13:00	1.8	3.0	3.3	3.2	3.7	3.9	-.7	-1.0	-.04
14:00	2.9	4.0	4.2	4.3	4.8	5.1	1.7	1.9	-.02
15:00	3.4	3.9	4.2	4.3	4.6	5.1	-1.8	.3	-.18
16:00	.8	2.6	2.8	2.9	3.2	3.6	-1.1	5.9	-.07
17:00	2.6	2.6	3.1	3.4	3.2	4.0	.3	.5	-.04
18:00	1.4	1.9	2.1	1.9	2.3	2.5	3.7	12.0	.14
19:00	2.4	1.3	1.8	2.5	1.7	2.7	1.4	.7	.01
20:00	4.5	1.1	2.4	4.5	1.3	4.8	.3	4.2	.00
21:00	1.2	1.0	1.5	1.6	1.4	2.1	.5	2.1	.01
22:00	3.6	2.9	3.7	4.0	3.3	4.5	-1.4	-.6	-.15
23:00	4.8	2.0	3.9	5.0	2.4	5.4	.7	-.3	-.06
Avg	.0	1.8	2.3	2.7	2.3	3.2	1.2	1.0	-.01
Max	5.7	4.7	5.7	6.2	5.3	6.8	7.3	12.0	.22
Hr. of Max	10	10	10	10	10	10	08	18	08
Min	.2	.2	.4	.4	.5	.9	-1.8	-4.4	-.24
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/5/2015

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	2.1	2.1	2.6	2.6	6.1	12.4
01:00	-.02	2.1	2.5	2.3	2.4	2.5	9.3	8.5
02:00	.02	1.6	3.7	3.0	1.9	3.3	7.7	3.3
03:00	.00	1.6	2.1	3.0	1.6	3.4	7.0	6.1
04:00	.07	1.8	2.5	5.0	2.3	4.7	9.9	7.5
05:00	.02	2.3	2.3	2.1	2.7	2.2	6.8	17.7
06:00	.01	2.3	3.0	2.5	2.5	2.7	7.4	5.6
07:00	-.01	1.4	2.1	3.7	2.1	3.2	11.2	4.7
08:00	-.06	2.3	2.3	5.0	3.0	3.1	28.5	11.9
09:00	.00	6.2	8.5	8.2	7.2	9.3	30.1	30.6
10:00	-.10	11.9	12.8	12.6	11.3	13.6	19.6	16.9
11:00	.12	9.2	9.6	9.2	10.1	10.7	24.3	27.3
12:00	-.46	8.7	8.2	8.5	10.2	10.0	26.5	31.9
13:00	-.03	8.5	11.0	9.8	9.4	11.2	25.2	30.1
14:00	.11	11.7	11.4	12.4	13.5	14.2	23.6	26.6
15:00	-.05	11.9	12.8	12.1	13.1	13.8	22.4	27.7
16:00	.38	10.3	11.0	10.8	10.8	11.9	26.6	32.3
17:00	.05	12.6	10.5	7.3	7.5	8.5	22.8	24.5
18:00	.56	5.7	5.3	5.7	6.8	6.5	24.0	26.9
19:00	.04	3.7	5.5	4.6	4.5	5.0	13.9	11.0
20:00	.34	3.4	6.4	8.2	3.7	8.4	11.2	9.8
21:00	.09	6.4	8.7	9.2	6.8	9.6	18.1	22.1
22:00	-.15	6.4	7.8	9.6	7.0	10.9	13.4	17.9
23:00	-.08	8.2	16.0	11.9	9.0	12.0	11.9	5.0
Avg	.04	5.9	7.0	7.0	6.3	7.6	17.0	17.4
Max	.56	12.6	16.0	12.6	13.5	14.2	30.1	32.3
Hr. of Max	18	17	23	10	14	14	09	16
Min	-.46	1.4	2.1	2.1	1.6	2.2	6.1	3.3
Count	24	24	24	24	24	24	24	24
Total								