Date Printed: 03/13/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/12/2015

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	12.5	13.2	13.2	13.2	.70	.69	.73	.00	.04
01:00	11.7	12.7	12.7	12.8	.95	1.02	1.11	.07	.16
02:00	11.6	12.5	12.6	12.7	.89	1.00	1.10	.11	.21
03:00	10.9	12.2	12.3	12.5	1.28	1.37	1.54	.09	.27
04:00	9.8	11.3	11.5	11.8	1.45	1.70	1.97	.24	.52
05:00	8.9	10.4	10.9	11.4	1.52	1.94	2.45	.42	.92
06:00	8.5	10.5	10.9	11.2	1.98	2.32	2.69	.34	.71
07:00	9.3	10.6	10.7	10.9	1.35	1.45	1.68	.10	.32
08:00	9.9	10.7	10.6	10.7	.74	.71	.78	-.03	.04
09:00	12.1	12.0	11.7	11.6	-.11	-.36	-.50	-.24	-.39
10:00	13.7	13.3	12.9	12.7	-.45	-.84	-1.05	-.39	-.60
11:00	14.8	14.1	13.7	13.5	-.65	-1.08	-1.27	-.42	-.61
12:00	16.6	15.9	15.5	15.3	-.69	-1.13	-1.35	-.44	-.66
13:00	18.1	17.3	16.8	16.5	-.81	-1.34	-1.60	-.53	-.79
14:00	19.1	18.4	18.0	17.7	-.65	-1.12	-1.35	-.47	-.70
15:00	20.1	19.4	19.0	18.8	-.67	-1.06	-1.26	-.39	-.60
16:00	20.6	20.1	19.7	19.5	-.46	-.84	-1.02	-.38	-.55
17:00	20.5	20.3	20.0	19.9	-.28	-.56	-.67	-.28	-.39
18:00	19.9	20.1	19.9	19.9	.15	.02	-.05	-.13	-.20
19:00	18.5	19.5	19.5	19.5	1.02	1.00	1.02	-.02	.00
20:00	16.5	18.6	18.8	19.1	2.07	2.28	2.58	.21	.51
21:00	14.2	16.0	16.8	17.7	1.77	2.54	3.53	.77	1.76
22:00	13.9	15.1	15.5	16.4	1.21	1.63	2.45	.42	1.24
23:00	14.6	15.4	15.5	15.7	.80	.96	1.12	.16	.32
Avg	14.4	15.0	14.9	15.0	.55	.51	.61	-.03	.06
Max	20.6	20.3	20.0	19.9	2.07	2.54	3.53	.77	1.76
Hr. of Max	16	17	17	18	20	21	21	21	21
Min	8.5	10.4	10.6	10.7	-.81	-1.34	-1.60	-.53	-.79
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/12/2015

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	10.5	10.6	11.2	13.2	89.2	85.6	9.7	9.7	0.008076
01:00	10.1	10.3	10.6	12.9	90.9	86.5	9.4	9.5	0.007833
02:00	9.9	10.0	10.4	12.7	90.3	85.8	9.3	9.3	0.007718
03:00	9.3	9.6	9.8	12.5	90.7	85.1	8.9	9.1	0.007403
04:00	8.8	9.1	9.2	12.2	94.8	87.3	8.7	8.8	0.007196
05:00	8.1	8.5	8.3	12.0	95.4	89.1	8.3	8.5	0.006815
06:00	7.7	8.0	8.0	11.7	95.4	85.2	8.1	8.2	0.006643
07:00	7.7	7.6	8.2	11.5	90.9	82.7	8.1	8.0	0.006646
08:00	7.7	7.4	8.5	11.2	87.1	81.1	8.1	7.9	0.006652
09:00	8.2	7.5	9.5	11.0	78.1	75.1	8.3	7.9	0.006877
10:00	7.7	7.0	9.7	11.0	67.9	66.6	8.0	7.6	0.006665
11:00	7.6	6.9	10.0	11.1	63.0	62.6	7.9	7.5	0.006603
12:00	7.5	6.9	10.6	11.4	55.8	55.8	7.8	7.5	0.006606
13:00	8.0	7.3	11.4	11.7	52.4	52.7	8.0	7.7	0.006831
14:00	7.6	7.2	11.4	12.1	47.9	48.6	7.8	7.6	0.006636
15:00	7.9	7.5	12.0	12.6	46.2	46.7	8.0	7.7	0.006809
16:00	8.3	8.0	12.4	13.0	46.2	46.5	8.2	8.0	0.00701
17:00	8.7	8.4	12.7	13.2	47.4	47.1	8.4	8.2	0.007189
18:00	9.3	8.7	12.9	13.4	51.4	49.0	8.7	8.4	0.007485
19:00	9.6	9.0	12.6	13.5	56.9	51.3	8.9	8.5	0.007597
20:00	10.0	9.2	12.1	13.5	66.4	55.4	9.2	8.7	0.007787
21:00	12.3	10.9	13.0	13.4	90.0	73.4	10.8	9.8	0.009111
22:00	12.7	11.6	13.1	13.3	93.7	80.8	11.1	10.3	0.009327
23:00	11.4	10.6	12.5	13.2	82.9	74.4	10.2	9.6	0.008592
Avg	9.0	8.7	10.8	12.4	73.8	68.9	8.7	8.5	0.007338
Max	12.7	11.6	13.1	13.5	95.4	89.1	11.1	10.3	0.009327
Hr. of Max	22	22	22	20	06	05	22	22	22
Min	7.5	6.9	8.0	11.0	46.2	46.5	7.8	7.5	0.006603
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/12/2015

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	0.008112	12.8	12.8	.00	29.38	994.9	-1.6	.00	54.8
01:00	0.007935	12.4	12.5	.00	29.38	995.1	-1.9	.00	48.7
02:00	0.007785	12.2	12.3	.00	29.38	995.1	-2.3	.00	40.1
03:00	0.007558	11.7	11.9	.00	29.39	995.3	-1.9	.00	67.9
04:00	0.0073	11.4	11.5	.00	29.39	995.3	-2.3	.00	52.5
05:00	0.007052	10.8	11.2	.00	29.39	995.1	-1.9	.00	59.4
06:00	0.006782	10.5	10.7	.00	29.39	995.5	-1.8	.00	56.8
07:00	0.006623	10.5	10.5	.00	29.41	996.0	-.7	.00	64.9
08:00	0.00651	10.5	10.3	.00	29.41	996.1	93.5	.13	58.9
09:00	0.006562	10.9	10.4	.00	29.44	997.0	266.7	.38	65.7
10:00	0.006349	10.6	10.1	.00	29.45	997.4	450.8	.65	61.9
11:00	0.006287	10.5	10.0	.00	29.46	997.5	528.5	.76	51.2
12:00	0.006315	10.5	10.0	.00	29.44	997.0	590.0	.85	67.2
13:00	0.006525	10.8	10.3	.00	29.42	996.3	656.7	.94	53.9
14:00	0.006457	10.5	10.2	.00	29.40	995.6	647.1	.93	54.9
15:00	0.006604	10.8	10.5	.00	29.38	995.1	594.8	.85	59.1
16:00	0.006846	11.1	10.8	.00	29.38	994.9	430.5	.62	57.1
17:00	0.007019	11.4	11.1	.00	29.38	995.0	229.0	.33	52.5
18:00	0.007202	11.8	11.4	.00	29.38	995.0	83.5	.12	51.0
19:00	0.0073	12.0	11.5	.00	29.38	995.0	12.3	.02	55.0
20:00	0.007416	12.3	11.7	.00	29.39	995.1	-2.8	.00	54.7
21:00	0.008317	14.4	13.1	.01	29.39	995.4	-2.1	.00	323.3
22:00	0.008694	14.7	13.7	.00	29.40	995.6	-2.0	.00	241.4
23:00	0.008122	13.6	12.8	.00	29.40	995.8	-2.6	.00	216.9
Avg	0.007153	11.6	11.3	.00	29.40	995.7	190.0	.27	54.0
Max	0.008694	14.7	13.7	.01	29.46	997.5	656.7	.94	323.3
Hr. of Max	22	22	22	21	11	11	13	13	21
Min	0.006287	10.5	10.0	.00	29.38	994.9	-2.8	.00	40.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/12/2015

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	58.3	58.6	57.7	54.2	22.5	13.5	9.0	3.2	6.7
01:00	50.1	50.8	51.2	46.2	20.1	10.1	7.0	2.3	5.5
02:00	36.6	37.6	43.6	32.1	25.3	13.4	10.0	2.7	6.3
03:00	64.2	58.0	69.4	53.7	22.0	13.1	8.6	2.0	4.4
04:00	58.2	61.9	56.5	57.7	15.4	7.4	4.7	1.5	4.5
05:00	57.9	62.3	61.8	58.2	23.6	9.0	4.7	1.6	5.1
06:00	60.8	62.5	60.6	58.4	18.3	10.0	4.6	2.9	7.5
07:00	64.1	61.6	66.9	57.5	21.2	12.5	6.0	3.7	8.0
08:00	60.4	59.6	59.4	55.6	19.6	12.6	7.1	3.7	8.2
09:00	61.9	60.7	66.6	56.6	25.0	16.8	11.2	3.8	7.0
10:00	56.6	57.2	61.5	53.3	26.2	16.5	11.2	5.9	10.8
11:00	49.5	51.9	50.1	47.4	29.1	15.5	10.1	5.7	10.8
12:00	62.2	62.2	69.1	58.2	28.6	22.5	16.4	6.0	8.2
13:00	52.9	52.8	54.9	48.1	32.0	22.7	17.2	4.3	7.3
14:00	54.4	54.5	56.0	49.7	30.9	21.3	16.2	4.8	7.2
15:00	54.5	53.9	60.8	49.9	38.6	29.5	23.8	3.5	4.7
16:00	54.3	51.6	59.8	47.7	31.0	28.1	20.8	3.7	5.2
17:00	50.6	49.7	52.2	45.1	30.5	18.4	14.1	3.1	5.5
18:00	53.4	54.4	52.2	49.7	27.7	12.6	9.7	2.5	5.4
19:00	60.5	61.4	57.0	57.4	19.4	11.7	8.6	1.9	4.1
20:00	68.8	61.2	58.7	57.1	53.0	10.1	6.9	.5	2.0
21:00	24.6	60.9	317.0	51.2	47.4	26.6	30.6	.5	.5
22:00	190.3	222.0	243.0	224.4	22.4	42.8	8.4	1.9	3.0
23:00	210.0	202.4	222.0	204.2	19.8	11.9	9.7	3.3	5.3
Avg	58.0	58.0	55.0	53.0	27.1	17.0	11.5	.0	.0
Max	210.0	222.0	317.0	224.4	53.0	42.8	30.6	6.0	10.8
Hr. of Max	23	22	21	22	20	22	21	12	11
Min	24.6	37.6	43.6	32.1	15.4	7.4	4.6	.5	.5
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)

3/12/2015

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	9.1	3.4	6.9	9.4	3.7	9.8	-1.5	-.1	-.23
01:00	7.7	2.4	5.6	7.8	2.7	8.2	-1.9	-.8	-.19
02:00	8.8	2.9	6.5	8.9	3.3	9.5	.2	.3	-.15
03:00	6.5	2.2	4.5	6.7	2.4	7.1	-.8	.0	-.07
04:00	6.9	1.6	4.6	6.9	1.9	7.3	-2.9	-.5	-.15
05:00	8.2	1.7	5.2	8.2	2.0	8.7	-1.4	-.4	-.08
06:00	11.3	3.1	7.6	11.3	3.4	11.8	-.8	-.4	-.15
07:00	11.7	3.9	8.2	11.8	4.3	12.3	-.9	-.4	-.21
08:00	11.3	3.9	8.3	11.3	4.3	11.9	.1	-.6	-.18
09:00	9.5	4.1	7.2	9.7	4.8	10.2	1.5	1.2	-.08
10:00	13.5	6.5	11.2	13.8	7.3	14.4	.1	.7	-.40
11:00	12.7	6.2	11.1	12.9	6.8	13.4	-.4	-1.4	-.43
12:00	9.8	6.7	8.9	10.4	7.5	11.0	.7	2.5	-.24
13:00	9.1	4.9	7.7	9.4	5.6	10.0	1.6	-1.0	-.11
14:00	8.6	5.4	7.6	8.9	6.1	9.4	-2.5	-1.8	-.52
15:00	5.6	4.1	5.2	5.9	4.7	6.5	.6	3.6	-.04
16:00	6.2	4.1	5.6	6.5	4.6	7.0	-.3	.8	-.23
17:00	6.4	3.4	5.7	6.6	3.8	7.0	-1.8	.0	-.33
18:00	6.5	2.7	5.5	6.6	3.0	7.0	-1.1	-.9	-.23
19:00	5.4	2.0	4.2	5.5	2.4	5.8	-3.4	.2	-.20
20:00	3.6	.6	2.0	3.7	.9	4.0	2.6	-.1	.02
21:00	.4	.6	.5	.5	.9	1.0	.5	.9	.00
22:00	4.3	2.0	3.1	4.3	2.4	4.8	-.1	.4	-.04
23:00	6.6	3.5	5.4	6.7	3.8	7.1	.3	.1	-.03
Avg	.0	3.4	6.2	8.1	3.9	8.6	-.5	.1	-.18
Max	13.5	6.7	11.2	13.8	7.5	14.4	2.6	3.6	.02
Hr. of Max	10	12	10	10	12	10	20	15	20
Min	.4	.6	.5	.5	.9	1.0	-3.4	-1.8	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/12/2015

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	-.13	11.0	16.9	19.2	10.9	19.6	17.2	7.6
01:00	-.14	6.4	8.9	14.4	7.5	13.4	16.3	5.1
02:00	-.03	11.4	13.1	16.9	11.8	17.4	19.4	8.1
03:00	-.06	5.3	9.6	12.1	6.0	12.5	14.7	7.4
04:00	-.08	4.6	7.8	13.1	5.0	9.6	12.0	3.6
05:00	-.07	5.0	12.1	14.7	5.2	12.8	11.0	3.3
06:00	-.10	8.7	13.1	19.2	9.8	16.5	14.6	3.7
07:00	-.13	12.6	18.3	28.6	13.7	18.1	16.2	4.6
08:00	-.18	18.8	22.2	25.4	12.0	16.5	17.3	5.7
09:00	.07	12.6	18.5	27.0	13.1	18.8	19.6	10.2
10:00	-.02	19.0	23.4	22.9	18.2	24.5	21.0	9.6
11:00	-.49	19.7	25.6	36.4	21.8	20.5	21.4	10.0
12:00	.29	20.6	21.1	22.2	20.5	22.7	19.8	13.8
13:00	-.30	13.5	19.2	18.5	16.3	17.6	23.0	13.7
14:00	-.42	13.3	20.8	20.2	16.4	16.0	21.1	12.2
15:00	.26	10.1	16.5	16.0	10.9	13.4	21.9	21.2
16:00	-.18	11.9	14.9	18.8	12.4	15.0	23.0	17.5
17:00	-.11	9.8	12.4	19.2	12.9	13.2	20.5	12.6
18:00	-.16	7.6	14.4	12.6	8.0	10.9	20.2	8.1
19:00	-.03	5.5	11.0	14.4	6.3	9.6	14.7	6.6
20:00	-.01	4.4	7.1	9.2	3.6	6.3	11.5	4.0
21:00	.02	2.3	2.1	5.0	2.5	3.3	7.9	9.7
22:00	.06	6.6	10.1	12.6	6.0	13.4	6.3	3.9
23:00	.01	8.5	13.1	18.3	8.4	12.7	9.8	6.4
Avg	-.08	10.4	14.7	18.2	10.8	14.8	16.7	8.7
Max	.29	20.6	25.6	36.4	21.8	24.5	23.0	21.2
Hr. of Max	12	12	11	11	11	10	16	15
Min	-.49	2.3	2.1	5.0	2.5	3.3	6.3	3.3
Count	24	24	24	24	24	24	24	24
Total								