Date Printed: 11/27/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

11/26/2014

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	5.5	7.1	7.5	8.0	1.58	2.06	2.54	.48	.95
01:00	5.2	6.8	7.2	7.3	1.63	2.00	2.11	.37	.48
02:00	5.4	6.7	6.7	6.7	1.26	1.27	1.28	.01	.02
03:00	5.8	6.4	6.3	6.3	.54	.47	.47	-.08	-.08
04:00	5.0	6.0	6.1	6.2	.96	1.05	1.16	.09	.20
05:00	3.7	5.1	5.4	5.6	1.38	1.73	1.94	.35	.56
06:00	3.4	4.5	4.5	4.6	1.10	1.16	1.17	.06	.07
07:00	2.4	3.9	4.0	4.2	1.49	1.63	1.77	.13	.28
08:00	4.0	4.4	4.5	4.5	.38	.44	.45	.07	.07
09:00	6.5	5.9	5.6	5.5	-.61	-.89	-1.02	-.27	-.40
10:00	8.2	7.4	7.2	7.1	-.80	-1.07	-1.19	-.27	-.39
11:00	9.4	8.6	8.3	8.2	-.79	-1.09	-1.23	-.29	-.43
12:00	10.4	9.4	9.1	9.0	-.93	-1.27	-1.40	-.33	-.46
13:00	10.9	9.9	9.6	9.4	-1.02	-1.34	-1.51	-.32	-.49
14:00	11.2	10.3	10.0	9.9	-.85	-1.17	-1.31	-.32	-.46
15:00	11.2	10.7	10.4	10.2	-.52	-.85	-1.01	-.33	-.49
16:00	10.2	10.3	10.1	10.0	.03	-.18	-.23	-.21	-.26
17:00	9.0	9.3	9.3	9.3	.28	.23	.30	-.05	.02
18:00	7.8	8.7	8.7	8.8	.91	.90	1.06	-.01	.15
19:00	5.6	8.0	8.2	8.4	2.39	2.58	2.82	.19	.43
20:00	5.8	7.9	8.1	8.1	2.08	2.25	2.30	.17	.22
21:00	7.4	7.7	7.6	7.7	.30	.24	.28	-.06	-.02
22:00	7.0	7.1	6.9	6.8	.04	-.13	-.21	-.18	-.25
23:00	5.1	5.5	5.4	5.5	.36	.30	.35	-.05	-.01
Avg	6.9	7.4	7.4	7.4	.47	.43	.45	-.04	-.01
Max	11.2	10.7	10.4	10.2	2.39	2.58	2.82	.48	.95
Hr. of Max	15	15	15	15	19	19	19	00	00
Min	2.4	3.9	4.0	4.2	-1.02	-1.34	-1.51	-.33	-.49
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/26/2014

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	.9	-1.6	2.4	9.4	73.0	54.5	5.1	4.2	0.004146
01:00	.8	-1.2	2.3	9.4	74.1	57.1	5.1	4.4	0.004135
02:00	.8	-1.2	2.3	9.3	73.0	57.9	5.1	4.4	0.004125
03:00	-.4	-1.4	1.7	9.2	65.0	57.9	4.6	4.3	0.003791
04:00	.1	-1.0	1.8	9.1	71.3	61.5	4.8	4.4	0.003931
05:00	-.1	-1.0	1.2	9.0	76.8	65.1	4.8	4.4	0.003859
06:00	-1.0	-1.9	.5	8.9	73.8	63.9	4.5	4.2	0.003621
07:00	-.9	-2.1	.2	8.8	79.3	65.3	4.5	4.1	0.003637
08:00	-1.3	-2.3	.5	8.7	69.1	62.2	4.3	4.0	0.003525
09:00	-2.5	-2.9	.5	8.6	52.9	53.6	4.0	3.8	0.00323
10:00	-2.4	-2.9	1.1	8.5	47.5	48.3	4.0	3.8	0.003267
11:00	-2.6	-3.2	1.4	8.5	43.2	43.6	3.9	3.7	0.003221
12:00	-4.1	-4.7	.7	8.5	36.5	37.1	3.5	3.3	0.002898
13:00	-6.1	-6.7	-.4	8.6	30.4	31.0	3.0	2.9	0.002506
14:00	-5.4	-6.2	.1	8.7	31.3	31.2	3.2	3.0	0.002625
15:00	-6.4	-6.8	-.5	8.9	29.1	29.0	2.9	2.8	0.002449
16:00	-6.2	-6.8	-.7	9.0	31.4	30.1	3.0	2.9	0.002469
17:00	-5.9	-6.5	-.9	9.1	34.7	32.6	3.1	2.9	0.002524
18:00	-4.9	-6.8	-.7	9.1	41.1	33.1	3.3	2.9	0.002727
19:00	-3.1	-6.9	-.2	9.1	54.0	34.6	3.8	2.9	0.003105
20:00	-2.5	-6.0	.3	9.0	55.8	37.3	4.0	3.1	0.003247
21:00	-3.1	-3.8	.4	9.0	47.8	44.4	3.8	3.6	0.003105
22:00	-.9	-1.1	1.8	8.9	58.0	57.0	4.5	4.4	0.003663
23:00	2.2	1.4	3.2	8.9	82.2	75.8	5.6	5.3	0.00457
Avg	-2.3	-3.5	.8	8.9	55.5	48.5	4.1	3.7	0.003349
Max	2.2	1.4	3.2	9.4	82.2	75.8	5.6	5.3	0.00457
Hr. of Max	23	23	23	01	23	23	23	23	23
Min	-6.4	-6.9	-.9	8.5	29.1	29.0	2.9	2.8	0.002449
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/26/2014

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	0.003454	6.5	5.4	.00	29.13	986.6	-2.6	.00	261.2
01:00	0.003567	6.5	5.6	.00	29.11	985.8	-2.0	.00	278.4
02:00	0.003574	6.5	5.6	.00	29.11	985.9	-1.9	.00	248.4
03:00	0.003513	6.0	5.5	.00	29.09	985.0	-3.4	.00	254.1
04:00	0.003622	6.2	5.7	.00	29.08	984.8	-2.6	.00	51.5
05:00	0.003609	6.1	5.7	.00	29.09	985.2	-2.2	.00	259.2
06:00	0.003396	5.7	5.4	.00	29.11	985.9	-2.2	.00	234.7
07:00	0.003328	5.7	5.2	.00	29.12	986.2	13.1	.02	232.2
08:00	0.003279	5.6	5.2	.00	29.14	986.9	162.6	.23	238.1
09:00	0.003132	5.1	4.9	.00	29.16	987.6	338.3	.48	271.4
10:00	0.00314	5.2	5.0	.00	29.17	987.8	478.6	.69	262.9
11:00	0.003077	5.1	4.9	.00	29.17	987.7	562.4	.81	264.5
12:00	0.002764	4.6	4.4	.00	29.14	986.9	590.6	.85	258.9
13:00	0.002384	4.0	3.8	.00	29.12	986.2	498.1	.71	246.2
14:00	0.002473	4.1	3.9	.00	29.11	985.8	461.9	.66	219.8
15:00	0.002359	3.9	3.7	.00	29.11	985.7	318.6	.46	221.2
16:00	0.002371	3.9	3.7	.00	29.11	985.7	88.3	.13	218.7
17:00	0.002412	4.0	3.8	.00	29.12	986.0	.9	.00	219.5
18:00	0.002353	4.3	3.7	.00	29.12	986.1	-2.6	.00	240.1
19:00	0.002343	4.9	3.7	.00	29.10	985.6	-2.1	.00	257.7
20:00	0.002511	5.1	4.0	.00	29.10	985.3	-2.4	.00	227.9
21:00	0.002947	4.9	4.6	.00	29.11	985.8	-1.2	.00	241.4
22:00	0.003605	5.8	5.7	.00	29.11	985.8	-2.9	.00	274.6
23:00	0.00432	7.2	6.8	.01	29.10	985.3	-2.4	.00	246.3
Avg	0.003064	5.3	4.8	.00	29.12	986.1	145.1	.21	247.0
Max	0.00432	7.2	6.8	.01	29.17	987.8	590.6	.85	278.4
Hr. of Max	23	23	23	23	11	10	12	12	01
Min	0.002343	3.9	3.7	.00	29.08	984.8	-3.4	.00	51.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/26/2014

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	279.8	337.5	257.1	332.3	62.6	60.8	43.1	.7	.4
01:00	292.4	294.4	278.5 +	292.0	47.2	25.6	28.9	1.5	3.0
02:00	276.0	286.5	254.5	285.9	25.3	21.4	15.6	2.2	3.8
03:00	280.6	289.3	258.6	288.1	23.0	20.6	16.6	2.1	3.2
04:00	108.3	100.4	57.5	97.2	44.2	36.6	43.7	.7	1.4
05:00	278.9	262.1	264.1	265.6	33.7	30.3	23.2	2.4	3.5
06:00	262.3	276.4	241.0	275.6	22.0	22.2	25.1	2.6	4.2
07:00	218.4	252.2	236.0	251.1	49.5	23.0	31.1	.9	2.1
08:00	253.1	264.1	243.2	264.7	20.5	20.1	17.4	3.3	4.6
09:00	276.2	274.3	276.5	274.0	21.1	17.9	15.9	4.3	5.4
10:00	273.8	273.2	267.6	271.0	41.7	32.1	29.2	2.8	3.3
11:00	272.1	265.5	268.6	264.7	45.1	37.7	30.8	3.0	3.9
12:00	263.1	261.4	264.6	260.9	42.8	31.7	25.5	3.9	5.0
13:00	254.4	252.4	253.7	253.1	27.0	21.9	17.4	5.9	7.4
14:00	229.0	228.6	226.5	229.6	29.6	26.2	22.5	5.7	7.0
15:00	225.4	225.8	228.5	227.1	24.1	19.8	14.9	5.8	7.6
16:00	223.8	222.4	225.5	223.9	20.3	15.7	12.5	4.6	6.7
17:00	224.0	221.3	226.3	223.0	16.7	11.8	8.4	4.4	7.0
18:00	232.1	223.0	245.5	224.8	12.8	7.7	5.2	2.3	4.6
19:00	219.5	192.7	258.6	194.2	50.0	19.6	12.1	.7	2.2
20:00	206.0	192.8	232.7	193.4	18.0	11.8	11.0	2.2	3.8
21:00	245.7	241.1	248.1	243.3	23.2	17.3	15.9	4.2	7.0
22:00	280.8	281.1	279.5	282.0	27.2	19.2	16.1	3.6	5.7
23:00	239.0	233.8	248.0	236.4	39.7	28.1	21.2	1.1	2.2
Avg	251.0	252.0	252.0	253.0	32.0	24.1	21.0	.0	.0
Max	292.4	337.5	279.5	332.3	62.6	60.8	43.7	5.9	7.6
Hr. of Max	01	00	22	00	00	00	04	13	15
Min	108.3	100.4	57.5	97.2	12.8	7.7	5.2	.7	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/26/2014

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	1.1	1.2	.9	1.5	1.8	1.9	1.3	.9	.02
01:00	4.4	1.7	3.3	4.6	2.1	4.8	.8	-.8	-.05
02:00	5.6	2.6	4.2	5.8	3.2	6.0	.5	1.1	-.02
03:00	4.7	2.5	3.8	5.1	2.9	5.4	-2.6	-.2	-.19
04:00	1.8	1.1	1.7	2.1	1.5	2.7	1.5	.9	.04
05:00	4.3	2.8	4.3	5.6	3.3	6.0	.4	2.0	-.04
06:00	5.7	3.0	4.6	6.0	3.6	6.4	1.7	2.3	-.01
07:00	2.0	1.0	2.2	2.2	1.6	2.7	-.1	3.1	-.02
08:00	5.6	3.7	5.1	6.0	4.1	6.5	-1.5	1.2	-.20
09:00	5.6	4.7	5.7	5.8	4.9	6.4	-1.7	-4.0	-.30
10:00	3.7	3.5	4.0	4.4	4.1	5.2	-.4	-2.5	-.13
11:00	4.3	3.9	4.5	4.9	4.4	5.7	.7	.0	-.09
12:00	5.6	4.5	5.5	6.0	5.2	6.9	-1.0	-3.2	-.20
13:00	8.4	6.5	7.9	8.8	7.2	9.6	-1.4	-2.2	-.39
14:00	8.0	6.3	7.6	8.6	6.9	9.4	1.8	1.0	-.07
15:00	9.1	6.4	8.1	9.4	6.9	10.2	.2	-1.5	-.25
16:00	8.2	4.9	7.0	8.3	5.5	9.0	.7	.7	-.10
17:00	9.4	4.5	7.2	9.5	5.1	10.3	-.1	.7	-.12
18:00	6.4	2.3	4.6	6.5	2.9	7.1	-1.0	.5	-.08
19:00	4.1	.9	2.3	4.3	1.3	4.7	1.9	3.3	.02
20:00	4.9	2.3	3.9	5.0	2.8	5.5	-.5	-1.9	-.06
21:00	8.8	4.7	7.4	9.3	5.4	10.0	-1.2	.6	-.24
22:00	7.1	4.0	6.0	7.4	4.4	7.7	.2	.6	-.19
23:00	3.4	1.5	2.8	4.0	2.0	4.5	1.2	2.4	.00
Avg	.0	3.4	4.8	5.9	3.9	6.4	.1	.2	-.11
Max	9.4	6.5	8.1	9.5	7.2	10.3	1.9	3.3	.04
Hr. of Max	17	13	15	17	13	17	19	19	04
Min	1.1	.9	.9	1.5	1.3	1.9	-2.6	-4.0	-.39
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/26/2014

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	.02	4.6	5.3	6.9	4.4	4.7	7.3	9.0
01:00	-.04	7.6	8.7	9.8	7.8	9.9	13.8	8.9
02:00	-.01	9.4	11.4	14.9	9.1	14.5	13.2	9.0
03:00	-.15	13.3	15.1	14.2	8.3	11.7	14.3	10.4
04:00	.07	5.0	7.8	6.4	3.7	7.4	9.5	11.4
05:00	.19	8.0	10.1	12.4	8.7	12.9	9.5	7.2
06:00	.07	9.4	11.9	13.5	10.3	14.7	14.3	13.4
07:00	.15	3.7	4.8	5.0	4.3	5.9	10.4	7.7
08:00	.01	11.9	12.4	13.5	12.2	13.7	12.7	11.2
09:00	-.63	12.1	13.3	14.0	13.3	13.9	18.4	15.4
10:00	-.35	11.9	12.4	14.2	12.3	14.3	23.1	24.5
11:00	-.20	14.9	15.1	14.7	11.4	15.3	24.2	24.3
12:00	-.55	14.2	15.3	15.3	16.3	16.4	22.1	20.7
13:00	-.50	15.1	16.9	15.1	15.3	16.7	16.3	12.6
14:00	.03	15.8	18.1	16.7	16.2	18.3	17.9	15.0
15:00	-.41	16.0	18.1	18.8	15.7	19.6	17.2	11.0
16:00	.00	10.3	13.5	14.2	11.6	14.8	15.2	9.3
17:00	.03	11.7	14.0	16.9	12.7	19.0	12.6	6.5
18:00	.05	6.4	11.0	12.4	7.2	10.9	8.2	3.8
19:00	.23	3.7	6.4	9.8	3.5	8.6	11.9	8.4
20:00	-.22	6.0	7.1	8.9	6.5	9.3	9.2	8.0
21:00	.02	14.4	19.9	22.2	16.4	25.5	13.6	8.2
22:00	-.11	10.8	15.3	16.7	11.2	16.8	19.4	12.2
23:00	.16	6.6	8.7	9.6	6.6	11.1	15.3	10.1
Avg	-.09	10.1	12.2	13.2	10.2	13.6	14.6	11.6
Max	.23	16.0	19.9	22.2	16.4	25.5	24.2	24.5
Hr. of Max	19	15	21	21	21	21	11	10
Min	-.63	3.7	4.8	5.0	3.5	4.7	7.3	3.8
Count	24	24	24	24	24	24	24	24
Total								