Date Printed: 10/05/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/4/2014

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	14.9	15.6	15.7	15.8	.74	.82	.98	.08	.24
01:00	14.5	14.5	14.3	14.2	-.04	-.22	-.28	-.18	-.24
02:00	11.9	11.9	11.7	11.6	-.06	-.26	-.35	-.19	-.29
03:00	10.1	10.1	9.9	9.8	-.02	-.17	-.22	-.15	-.21
04:00	8.8	8.8	8.7	8.6	-.02	-.19	-.25	-.17	-.23
05:00	7.8	7.8	7.7	7.7	.05	-.08	-.10	-.13	-.15
06:00	7.0	7.1	7.0	7.0	.11	.01	.00	-.11	-.11
07:00	5.4	6.2	6.3	6.4	.80	.94	1.00	.15	.20
08:00	6.5	6.5	6.5	6.6	-.04	-.05	.13	-.02	.16
09:00	9.0	8.4	8.1	8.0	-.58	-.86	-1.02	-.28	-.43
10:00	10.5	9.7	9.4	9.2	-.78	-1.11	-1.28	-.34	-.51
11:00	11.8	10.9	10.5	10.4	-.97	-1.32	-1.45	-.35	-.48
12:00	13.0	12.0	11.6	11.4	-1.02	-1.39	-1.56	-.37	-.54
13:00	14.1	12.9	12.6	12.4	-1.12	-1.49	-1.70	-.37	-.57
14:00	14.7	13.6	13.2	13.0	-1.11	-1.49	-1.70	-.38	-.60
15:00	14.5	13.8	13.5	13.3	-.72	-1.04	-1.20	-.31	-.48
16:00	14.3	13.8	13.6	13.5	-.50	-.74	-.85	-.24	-.35
17:00	14.1	13.7	13.5	13.4	-.35	-.56	-.65	-.21	-.30
18:00	12.9	12.9	12.8	12.8	-.03	-.14	-.14	-.11	-.11
19:00	9.4	11.1	11.4	11.7	1.71	2.07	2.36	.36	.64
20:00	7.0	8.9	9.7	10.6	1.88	2.68	3.63	.80	1.75
21:00	5.7	7.6	8.8	9.7	1.94	3.12	4.02	1.18	2.08
22:00	4.8	6.4	8.1	9.4	1.54	3.24	4.53	1.71	2.99
23:00	3.9	6.0	7.1	8.9	2.07	3.20	4.94	1.13	2.87
Avg	10.3	10.4	10.5	10.6	.14	.21	.37	.06	.22
Max	14.9	15.6	15.7	15.8	2.07	3.24	4.94	1.71	2.99
Hr. of Max	00	00	00	00	23	22	23	22	22
Min	3.9	6.0	6.3	6.4	-1.12	-1.49	-1.70	-.38	-.60
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/4/2014

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	11.6	11.2	12.7	22.0	82.9	76.6	10.4	10.1	0.008854
01:00	9.7	9.5	11.3	21.7	74.0	73.3	9.1	9.0	0.00775
02:00	7.2	7.0	8.8	21.4	73.6	72.9	7.8	7.7	0.006536
03:00	4.6	4.3	6.4	21.1	69.4	68.2	6.5	6.4	0.005424
04:00	2.9	2.6	4.9	20.8	66.9	65.7	5.8	5.7	0.004813
05:00	2.1	1.9	4.0	20.4	68.1	66.6	5.5	5.4	0.00455
06:00	2.3	2.0	3.8	20.0	72.4	70.5	5.6	5.5	0.004586
07:00	2.8	2.4	3.7	19.5	84.3	77.7	5.8	5.7	0.004762
08:00	3.2	2.3	4.3	19.2	80.2	75.6	6.0	5.6	0.004895
09:00	1.5	.7	4.0	18.8	60.0	59.1	5.2	5.0	0.00434
10:00	-.4	-1.3	3.2	18.7	47.5	47.0	4.6	4.3	0.0038
11:00	-1.1	-2.1	3.2	18.8	41.2	40.9	4.3	4.0	0.003623
12:00	-1.2	-2.2	3.5	19.0	37.9	37.6	4.3	4.0	0.003595
13:00	-.9	-1.8	4.1	19.3	36.4	36.6	4.4	4.1	0.003705
14:00	-.9	-1.7	4.3	19.6	34.9	35.4	4.4	4.1	0.003704
15:00	-.9	-1.5	4.2	19.8	35.2	35.2	4.4	4.2	0.003698
16:00	-.7	-1.4	4.3	19.9	36.3	35.5	4.4	4.2	0.003761
17:00	-.4	-1.1	4.4	19.8	37.6	36.5	4.5	4.3	0.003827
18:00	.5	-.6	4.6	19.7	43.3	40.2	4.8	4.5	0.004077
19:00	3.2	.8	5.3	19.6	66.4	49.8	5.9	5.0	0.004934
20:00	3.6	2.3	4.8	19.3	79.7	64.0	6.1	5.6	0.005059
21:00	3.3	2.6	4.1	19.0	85.6	71.5	6.0	5.7	0.004949
22:00	3.1	3.0	3.7	18.7	89.2	79.9	5.9	5.9	0.004862
23:00	2.5	2.5	3.0	18.4	91.2	79.1	5.7	5.7	0.004661
Avg	2.4	1.7	5.0	19.8	62.3	58.1	5.7	5.5	0.004782
Max	11.6	11.2	12.7	22.0	91.2	79.9	10.4	10.1	0.008854
Hr. of Max	00	00	00	00	23	22	00	00	00
Min	-1.2	-2.2	3.0	18.4	34.9	35.2	4.3	4.0	0.003595
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/4/2014

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	0.008618	13.8	13.4	.00	28.99	981.8	-2.6	.00	269.4
01:00	0.007658	12.1	11.9	.00	29.00	982.2	-2.0	.00	273.0
02:00	0.006449	10.2	10.1	.00	29.03	983.0	-2.9	.00	269.3
03:00	0.005325	8.5	8.3	.00	29.04	983.6	-2.2	.00	266.2
04:00	0.004719	7.6	7.4	.00	29.06	984.1	-.5	.00	256.8
05:00	0.00446	7.1	7.0	.00	29.08	984.7	-2.2	.00	259.9
06:00	0.004504	7.2	7.1	.00	29.08	984.9	-2.0	.00	261.8
07:00	0.004644	7.5	7.3	.00	29.09	985.0	8.2	.01	209.3
08:00	0.004608	7.7	7.2	.00	29.09	985.1	150.0	.22	223.0
09:00	0.004112	6.8	6.5	.00	29.09	985.2	380.8	.55	248.0
10:00	0.00357	6.0	5.6	.00	29.08	984.9	547.1	.78	272.2
11:00	0.003362	5.7	5.3	.00	29.06	984.3	604.5	.87	260.3
12:00	0.003339	5.7	5.3	.00	29.04	983.5	647.2	.93	261.1
13:00	0.003461	5.8	5.4	.00	29.02	982.8	711.0	1.02	248.3
14:00	0.003486	5.8	5.5	.00	29.00	982.0	676.4	.97	255.8
15:00	0.003531	5.8	5.5	.00	28.98	981.6	451.9	.65	248.2
16:00	0.003563	5.9	5.6	.00	28.98	981.5	267.0	.38	256.3
17:00	0.003631	6.0	5.7	.00	29.00	981.9	170.2	.24	259.0
18:00	0.00378	6.4	5.9	.00	29.01	982.5	75.7	.11	256.0
19:00	0.004151	7.7	6.5	.00	29.03	983.2	2.3	.00	277.5
20:00	0.004614	7.9	7.2	.00	29.04	983.6	-2.8	.00	326.9
21:00	0.004722	7.8	7.4	.00	29.05	983.9	-2.2	.00	331.4
22:00	0.004849	7.6	7.6	.00	29.06	984.2	-2.1	.00	275.4
23:00	0.004672	7.3	7.3	.00	29.06	984.2	-2.1	.00	254.9
Avg	0.004576	7.5	7.2	.00	29.04	983.5	194.5	.28	262.0
Max	0.008618	13.8	13.4	.00	29.09	985.2	711.0	1.02	331.4
Hr. of Max	00	00	00	23	09	09	13	13	21
Min	0.003339	5.7	5.3	.00	28.98	981.5	-2.9	.00	209.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/4/2014

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	260.8	261.4	279.2	262.0	25.6	23.9	21.3	5.0	6.4
01:00	283.4	284.1	283.7	284.0	27.1	20.5	16.4	7.2	9.9
02:00	280.1	285.3	280.1	285.5	30.5	24.1	19.9	6.8	9.6
03:00	277.9	280.4	277.2	280.9	22.8	18.5	15.3	6.9	10.2
04:00	269.2	272.8	267.5	273.8	30.5	23.6	18.8	6.6	9.7
05:00	272.7	276.7	271.1	277.6	24.9	19.8	15.4	6.4	9.6
06:00	270.3	272.0	272.4	273.1	24.2	17.6	14.3	4.6	6.9
07:00	198.8	214.8	217.1	216.9	43.5	19.7	16.3	.6	2.1
08:00	229.7	236.2	233.5	238.6	17.9	15.3	12.1	2.3	3.7
09:00	260.1	258.7	259.1	260.1	31.0	25.9	19.4	4.1	5.3
10:00	281.9	282.6	283.2	281.9	39.7	29.3	26.3	4.0	5.4
11:00	273.8	276.9	270.7	276.8	44.0	36.9	29.8	3.6	4.7
12:00	270.3	270.0	271.9	270.6	32.8	24.0	21.1	6.3	8.3
13:00	257.8	255.9	259.6	257.0	32.1	27.0	23.6	6.4	8.8
14:00	257.8	256.1	265.2	257.5	34.9	27.0	21.9	6.8	9.4
15:00	255.3	256.6	260.6	258.3	28.8	23.3	21.8	7.1	9.7
16:00	263.2	263.6	268.2	265.0	24.7	20.4	16.7	6.3	8.9
17:00	266.8	265.9	270.6	267.7	24.1	19.8	16.0	5.0	7.0
18:00	262.2	263.6	267.0	265.7	21.8	15.6	13.3	3.5	5.4
19:00	255.0	264.1	284.7	266.2	31.0	14.7	10.7	.9	2.7
20:00	198.5	243.4	333.7	245.1	38.4	46.7	24.6	.5	.5
21:00	14.4	212.8	336.4	218.6	53.0	48.3	51.4	.8	.5
22:00	287.9	254.1	282.5	254.9	32.1	39.3	47.8	1.1	.9
23:00	243.7	241.5	264.0	243.8	19.9	29.9	17.2	2.3	3.0
Avg	263.0	260.0	272.0	262.0	30.6	25.5	21.3	.0	.0
Max	287.9	285.3	336.4	285.5	53.0	48.3	51.4	7.2	10.2
Hr. of Max	22	02	21	02	21	21	21	01	03
Min	14.4	212.8	217.1	216.9	17.9	14.7	10.7	.5	.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/4/2014

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	8.0	5.5	7.5	9.6	6.1	10.2	-2.9	-.6	-.57
01:00	12.4	7.9	10.5	12.9	8.6	13.3	-4.2	-1.7	-.86
02:00	12.4	7.7	10.4	13.2	8.5	13.8	-1.8	-1.1	-.58
03:00	12.7	7.4	10.7	13.2	8.0	13.6	-3.2	-1.4	-.70
04:00	12.6	7.4	10.4	13.2	8.2	13.9	-.2	.2	-.40
05:00	12.8	7.0	10.1	13.2	7.7	13.7	-2.1	-1.4	-.58
06:00	9.1	5.0	7.3	9.5	5.5	9.9	-.6	-.8	-.33
07:00	2.9	.9	2.4	3.3	1.5	3.8	1.9	-.1	.04
08:00	4.8	2.4	3.9	5.1	3.1	5.6	-1.6	.3	-.12
09:00	6.1	4.6	5.7	6.5	5.3	7.1	-.3	-1.2	-.34
10:00	6.0	4.8	6.1	6.7	5.6	7.5	-3.5	-2.2	-.57
11:00	5.7	4.6	5.6	6.5	5.3	7.1	-2.0	-3.2	-.32
12:00	9.4	7.2	9.0	10.1	7.7	10.8	-2.9	-2.3	-.72
13:00	10.6	7.5	9.8	11.5	8.3	12.4	-.5	.6	-.42
14:00	11.6	7.8	10.3	12.3	8.6	13.2	.3	1.3	-.50
15:00	11.7	8.1	10.6	12.6	8.9	13.4	-2.8	.2	-.74
16:00	11.1	7.0	9.6	11.7	7.5	12.4	-.8	-2.0	-.37
17:00	8.8	5.4	7.4	9.1	5.9	9.7	.1	.1	-.33
18:00	6.8	3.8	5.6	7.0	4.3	7.5	-1.5	.9	-.28
19:00	4.9	1.1	2.8	5.0	1.5	5.4	-.7	1.2	-.05
20:00	2.5	.8	1.0	2.9	1.3	3.4	1.0	1.7	.02
21:00	1.5	1.3	1.9	2.8	1.7	3.3	1.6	1.3	.04
22:00	1.7	1.2	1.3	2.2	1.6	2.7	1.7	1.4	.03
23:00	3.7	2.4	3.2	3.9	2.9	4.4	-1.3	-.2	-.08
Avg	.0	5.0	6.8	8.5	5.6	9.1	-1.1	-.4	-.36
Max	12.8	8.1	10.7	13.2	8.9	13.9	1.9	1.7	.04
Hr. of Max	05	15	03	05	15	04	07	20	21
Min	1.5	.8	1.0	2.2	1.3	2.7	-4.2	-3.2	-.86
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/4/2014

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	-.48	27.5	27.5	30.2	26.3	33.6	15.8	11.7
01:00	-.77	21.8	21.1	25.0	21.6	28.7	16.8	12.7
02:00	-.78	20.4	23.6	32.3	21.9	36.3	18.9	14.6
03:00	-.56	21.1	25.9	24.0	24.4	27.1	16.4	11.4
04:00	-.39	23.1	27.2	33.7	25.9	31.2	20.5	13.6
05:00	-.68	19.0	22.4	25.9	20.9	26.8	17.1	11.1
06:00	-.36	17.9	25.0	37.3	18.8	25.2	17.3	10.5
07:00	-.05	6.0	7.6	11.4	7.9	13.1	14.8	10.1
08:00	.01	7.1	6.9	9.2	7.8	11.0	11.9	7.9
09:00	-.37	13.1	14.0	14.0	13.6	15.0	21.7	16.7
10:00	-.64	13.1	16.9	16.7	14.2	16.2	21.0	19.4
11:00	-.61	13.1	15.3	16.3	14.9	17.1	22.1	17.9
12:00	-.80	21.1	23.8	23.8	21.9	25.4	19.1	15.7
13:00	-.19	22.4	23.1	24.0	22.5	25.8	18.9	15.1
14:00	-.19	25.0	27.2	36.4	30.5	28.5	20.9	14.7
15:00	-.25	21.8	25.2	25.0	23.1	26.6	16.3	13.4
16:00	-.62	19.5	22.7	22.7	19.5	24.1	17.6	10.9
17:00	-.19	15.6	16.5	19.0	16.7	21.1	18.8	11.8
18:00	.00	11.9	16.3	15.6	12.9	18.2	14.9	11.4
19:00	.06	4.4	8.5	14.0	5.7	10.2	16.0	8.0
20:00	.07	2.7	3.4	7.3	3.3	8.0	10.0	10.7
21:00	.08	3.4	6.9	8.5	4.0	9.6	9.1	9.6
22:00	.09	2.7	3.7	5.7	3.1	6.9	9.0	9.9
23:00	-.02	5.0	5.3	8.0	5.4	7.4	4.8	4.6
Avg	-.32	14.9	17.3	20.3	16.1	20.5	16.2	12.2
Max	.09	27.5	27.5	37.3	30.5	36.3	22.1	19.4
Hr. of Max	22	00	00	06	14	02	11	10
Min	-.80	2.7	3.4	5.7	3.1	6.9	4.8	4.6
Count	24	24	24	24	24	24	24	24
Total								