Date Printed: 12/05/2014 10:26

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

Daily Summary Report

Site: Tower "D" (1000 Area)

12/4/2014

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	5.7	6.0	6.0	6.0	.29	.23	.25	-.06	-.04
01:00	5.5	5.9	5.9	5.9	.40	.37	.37	-.03	-.03
02:00	5.3	5.7	5.9	5.9	.45	.55	.63	.11	.19
03:00	5.9	6.1	6.0	6.0	.20	.17	.17	-.03	-.03
04:00	6.2	6.2	6.1	6.1	.02	-.10	-.12	-.12	-.14
05:00	6.4	6.4	6.3	6.3	.06	-.07	-.10	-.13	-.15
06:00	6.5	6.5	6.4	6.4	.05	-.05	-.06	-.10	-.11
07:00	6.5	6.5	6.4	6.4	.04	-.03	-.02	-.07	-.07
08:00	6.7	6.6	6.5	6.5	-.06	-.16	-.14	-.11	-.09
09:00	7.7	7.5	7.3	7.2	-.17	-.38	-.46	-.21	-.29
10:00	8.5	8.3	8.1	8.0	-.21	-.46	-.56	-.25	-.35
11:00	9.5	9.2	9.0	8.9	-.34	-.57	-.67	-.23	-.33
12:00	10.5	10.1	9.9	9.8	-.37	-.62	-.73	-.25	-.36
13:00	11.6	11.2	11.0	10.9	-.37	-.59	-.69	-.22	-.32
14:00	12.5	12.2	12.0	11.9	-.31	-.52	-.61	-.21	-.30
15:00	13.2	13.0	12.8	12.6	-.27	-.47	-.58	-.20	-.31
16:00	12.7	12.8	12.7	12.6	.12	-.03	-.08	-.15	-.21
17:00	11.6	12.4	12.4	12.4	.84	.83	.81	-.01	-.03
18:00	11.1	11.9	11.9	11.9	.80	.75	.74	-.05	-.06
19:00	10.5	11.2	11.2	11.2	.65	.66	.74	.01	.09
20:00	9.4	10.3	10.3	10.3	.87	.88	.96	.01	.08
21:00	9.8	10.2	10.1	10.2	.42	.36	.40	-.06	-.02
22:00	9.9	10.2	10.1	10.1	.25	.18	.21	-.08	-.05
23:00	10.0	10.2	10.0	10.0	.13	.00	-.02	-.12	-.14
Avg	8.9	9.0	8.9	8.9	.15	.04	.02	-.11	-.13
Max	13.2	13.0	12.8	12.6	.87	.88	.96	.11	.19
Hr. of Max	15	15	15	16	20	20	20	02	02
Min	5.3	5.7	5.9	5.9	-.37	-.62	-.73	-.25	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/4/2014

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	2.9	2.5	3.9	11.0	82.7	78.8	5.9	5.7	0.004753
01:00	2.9	2.4	3.8	10.8	83.7	78.7	5.9	5.7	0.004742
02:00	2.9	2.3	3.7	10.7	85.2	79.3	5.9	5.6	0.004749
03:00	3.2	2.4	4.1	10.5	83.5	78.0	6.0	5.6	0.004834
04:00	2.7	2.4	3.9	10.4	79.1	77.1	5.8	5.6	0.004689
05:00	2.8	2.5	4.0	10.3	78.6	76.7	5.8	5.7	0.004711
06:00	3.1	2.7	4.2	10.2	79.4	77.3	5.9	5.8	0.004806
07:00	3.5	3.1	4.5	10.1	82.2	79.6	6.1	5.9	0.004963
08:00	4.0	3.7	4.9	10.0	83.8	82.4	6.3	6.2	0.005135
09:00	4.2	4.1	5.4	10.0	79.4	79.4	6.4	6.3	0.005214
10:00	4.3	4.1	5.7	10.0	75.5	75.7	6.4	6.3	0.005248
11:00	4.6	4.3	6.3	10.0	72.3	72.5	6.5	6.4	0.005375
12:00	5.1	4.8	6.9	10.1	70.0	70.4	6.7	6.6	0.005575
13:00	5.7	5.4	7.6	10.3	68.0	68.2	7.0	6.9	0.005803
14:00	6.3	6.1	8.4	10.5	66.9	67.1	7.3	7.2	0.006083
15:00	7.0	6.8	9.1	10.8	66.7	67.1	7.6	7.5	0.006363
16:00	7.4	7.2	9.2	10.9	71.1	69.2	7.9	7.7	0.006556
17:00	7.7	7.4	9.0	11.0	78.2	72.6	8.0	7.9	0.006672
18:00	8.2	8.0	9.2	11.1	82.9	78.0	8.3	8.2	0.006886
19:00	8.1	8.2	8.9	11.0	86.1	83.2	8.3	8.3	0.006849
20:00	7.7	8.1	8.2	11.0	90.0	87.3	8.1	8.3	0.006647
21:00	8.0	8.1	8.6	10.9	89.4	87.9	8.2	8.3	0.006775
22:00	8.1	8.1	8.7	10.8	89.1	88.0	8.3	8.3	0.006827
23:00	8.1	8.1	8.7	10.8	88.5	87.9	8.3	8.3	0.006826
Avg	5.4	5.1	6.5	10.6	79.7	77.6	7.0	6.8	0.005712
Max	8.2	8.2	9.2	11.1	90.0	88.0	8.3	8.3	0.006886
Hr. of Max	18	19	18	18	20	22	23	23	18
Min	2.7	2.3	3.7	10.0	66.7	67.1	5.8	5.6	0.004689
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)

12/4/2014

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	0.004623	7.5	7.3	.00	29.38	994.9	-2.0	.00	37.6
01:00	0.004584	7.5	7.3	.00	29.38	995.0	-2.3	.00	23.1
02:00	0.004556	7.5	7.2	.00	29.39	995.1	-1.8	.00	31.5
03:00	0.004582	7.7	7.3	.00	29.38	995.1	-2.1	.00	33.2
04:00	0.004578	7.4	7.3	.00	29.38	994.8	-1.7	.00	46.7
05:00	0.004615	7.5	7.3	.00	29.38	995.0	-2.0	.00	47.9
06:00	0.004691	7.6	7.4	.00	29.39	995.2	-2.1	.00	45.5
07:00	0.004818	7.9	7.7	.00	29.39	995.3	2.2	.00	34.3
08:00	0.005027	8.2	8.0	.00	29.40	995.7	28.6	.04	30.1
09:00	0.005152	8.3	8.2	.00	29.41	996.0	79.7	.11	76.0
10:00	0.005186	8.3	8.2	.00	29.42	996.2	95.3	.14	57.2
11:00	0.005266	8.5	8.4	.00	29.41	995.8	237.2	.34	78.6
12:00	0.005465	8.8	8.7	.00	29.37	994.7	248.4	.36	102.1
13:00	0.005683	9.2	9.0	.00	29.35	994.0	265.3	.38	112.9
14:00	0.005972	9.6	9.4	.00	29.33	993.3	228.3	.33	113.1
15:00	0.006292	10.1	9.9	.00	29.33	993.2	157.7	.23	91.8
16:00	0.00643	10.4	10.2	.00	29.33	993.4	52.4	.08	48.7
17:00	0.006553	10.5	10.4	.00	29.34	993.5	2.5	.00	23.3
18:00	0.00683	10.9	10.8	.00	29.34	993.7	-1.8	.00	45.6
19:00	0.006908	10.8	10.9	.00	29.35	994.1	-1.9	.00	42.8
20:00	0.006834	10.5	10.8	.00	29.36	994.2	-2.4	.00	49.7
21:00	0.006853	10.7	10.8	.00	29.36	994.4	-2.2	.00	51.3
22:00	0.006856	10.8	10.8	.00	29.36	994.3	-2.1	.00	48.9
23:00	0.006838	10.8	10.8	.00	29.36	994.3	-1.9	.00	49.4
Avg	0.005633	9.0	8.9	.00	29.37	994.6	57.1	.08	54.0
Max	0.006908	10.9	10.9	.00	29.42	996.2	265.3	.38	113.1
Hr. of Max	19	18	19	23	10	10	13	13	14
Min	0.004556	7.4	7.2	.00	29.33	993.2	-2.4	.00	23.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/4/2014

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	51.2	52.2	39.1	48.1	24.6	14.6	13.2	1.6	3.5
01:00	31.4	29.0	29.0	24.4	30.9	23.5	15.8	1.3	2.7
02:00	33.7	36.9	34.2	31.8	24.3	11.9	8.7	1.3	3.4
03:00	62.9	68.5	34.0	65.1	49.7	15.7	11.8	1.3	3.3
04:00	54.5	58.4	46.3	54.8	30.9	12.4	8.1	2.4	5.6
05:00	59.6	62.8	49.4	59.0	22.9	14.6	12.6	1.1	2.5
06:00	58.3	63.3	48.6	59.5	28.6	17.6	10.3	1.4	2.9
07:00	50.5	58.6	37.7	54.9	26.9	11.8	9.2	1.6	4.3
08:00	52.2	61.4	30.7	57.5	29.1	12.1	7.3	1.2	3.3
09:00	73.5	72.6	74.7	70.3	49.2	25.6	16.9	.8	1.5
10:00	61.5	59.9	68.4	57.3	53.9	42.6	36.9	.9	1.5
11:00	59.2	46.2	85.3	43.0	41.8	43.6	40.0	1.1	1.1
12:00	101.4	90.7	106.4	87.8	36.3	38.4	41.3	1.3	1.3
13:00	104.9	92.7	120.2	92.8	40.7	51.1	64.1	.9	.8
14:00	112.4	98.1	123.4	96.8	34.7	39.1	42.6	1.0	.9
15:00	88.1	86.5	97.8	84.5	28.4	27.1	27.5	1.5	1.4
16:00	50.6	54.4	52.2	51.1	22.9	16.1	11.5	1.2	2.5
17:00	34.4	42.2	27.4	37.2	22.9	11.1	9.2	1.2	2.8
18:00	51.7	50.9	48.5	46.6	17.3	11.1	7.9	1.4	3.0
19:00	59.0	63.4	46.8	59.6	21.2	9.9	6.5	1.7	4.4
20:00	58.6	58.5	53.3	54.7	20.2	8.5	4.9	1.8	4.9
21:00	62.3	59.9	52.6	56.1	28.6	10.6	6.6	1.6	3.7
22:00	60.9	60.9	52.7	57.1	22.3	10.1	6.3	1.7	3.9
23:00	59.0	60.6	51.2	56.7	23.5	12.8	7.0	2.2	4.6
Avg	61.0	61.0	57.0	58.0	30.5	20.5	17.8	.0	.0
Max	112.4	98.1	123.4	96.8	53.9	51.1	64.1	2.4	5.6
Hr. of Max	14	14	14	14	10	13	13	04	04
Min	31.4	29.0	27.4	24.4	17.3	8.5	4.9	.8	.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/4/2014

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	4.6	1.8	3.7	4.8	2.2	5.3	-3.4	-.9	-.20
01:00	3.6	1.8	3.3	4.2	2.1	4.7	-2.7	-.8	-.14
02:00	4.7	1.4	3.5	4.7	1.8	5.1	-3.8	-.4	-.16
03:00	4.4	1.4	3.4	4.5	1.9	4.9	-.5	-.2	-.09
04:00	7.5	2.6	5.7	7.6	3.2	8.1	-1.8	-1.4	-.29
05:00	3.1	1.3	2.7	3.3	1.7	3.7	-2.2	-1.6	-.12
06:00	3.9	1.6	3.1	4.0	1.9	4.4	-.9	-.8	-.11
07:00	5.4	1.8	4.4	5.5	2.2	5.9	-2.9	-1.0	-.21
08:00	4.3	1.3	3.4	4.3	1.8	4.7	-1.4	-2.8	-.14
09:00	2.0	.9	1.6	2.1	1.4	2.6	2.4	1.5	-.01
10:00	2.0	1.2	1.8	2.2	1.8	2.7	4.1	4.3	.09
11:00	1.1	1.3	1.3	1.3	1.9	2.1	-2.3	-5.9	-.07
12:00	1.1	1.6	1.8	1.6	2.2	2.3	3.8	2.3	.19
13:00	.6	1.2	1.1	.9	1.8	1.6	2.2	-10.3	.16
14:00	.8	1.2	1.0	1.0	1.8	1.6	-5.5	-9.6	-.17
15:00	1.3	1.7	1.6	1.5	2.2	2.1	1.8	2.1	.09
16:00	2.8	1.3	2.6	2.9	1.6	3.3	-.3	2.6	-.05
17:00	3.5	1.3	2.9	3.6	1.6	4.0	-1.5	-.6	-.08
18:00	3.9	1.6	3.2	3.9	1.9	4.3	-4.4	-1.5	-.18
19:00	5.6	1.9	4.5	5.6	2.2	6.0	-4.6	-1.8	-.23
20:00	6.3	1.9	4.9	6.4	2.2	6.8	-2.8	-1.8	-.17
21:00	4.9	1.7	3.8	4.9	2.1	5.3	-3.2	-2.3	-.17
22:00	5.0	1.8	4.0	5.0	2.3	5.4	-4.5	-2.5	-.24
23:00	6.3	2.4	4.7	6.4	2.8	6.8	-.7	-2.4	-.19
Avg	.0	1.6	3.1	3.8	2.0	4.3	-1.5	-1.5	-.10
Max	7.5	2.6	5.7	7.6	3.2	8.1	4.1	4.3	.19
Hr. of Max	04	04	04	04	04	04	10	10	12
Min	.6	.9	1.0	.9	1.4	1.6	-5.5	-10.3	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

12/4/2014

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	-.11	5.7	8.0	9.2	5.7	9.6	16.8	7.3
01:00	-.10	5.3	7.6	8.7	6.2	9.1	13.2	6.0
02:00	-.06	4.6	7.3	8.0	5.4	7.9	13.0	5.2
03:00	-.12	7.1	9.4	11.2	8.1	12.5	13.6	7.3
04:00	-.24	9.6	10.8	12.1	9.2	11.9	19.6	6.1
05:00	-.09	5.3	12.6	12.6	4.8	8.6	17.9	7.0
06:00	-.08	4.4	7.8	9.4	4.8	7.9	19.5	7.1
07:00	-.13	5.3	7.6	8.9	6.0	8.8	17.4	5.9
08:00	-.22	7.1	8.0	10.8	6.2	8.1	21.4	5.3
09:00	.02	4.8	5.3	6.0	5.0	6.4	26.2	17.6
10:00	.11	5.3	6.0	6.6	5.3	6.9	25.9	22.4
11:00	-.18	4.6	5.3	5.5	5.1	6.1	29.0	34.0
12:00	.10	4.8	5.3	6.2	5.8	6.0	26.8	30.4
13:00	-.25	3.9	4.1	4.6	4.6	4.5	29.2	33.1
14:00	-.33	4.1	4.6	3.7	5.4	4.4	23.6	29.9
15:00	.12	4.8	4.1	4.4	4.2	5.3	18.6	26.1
16:00	.08	3.2	5.0	5.3	4.5	5.7	18.3	12.2
17:00	-.05	3.2	6.0	6.0	3.6	5.9	12.1	4.7
18:00	-.12	3.4	4.8	6.0	3.6	6.5	10.2	3.9
19:00	-.19	5.7	7.6	8.5	6.0	9.1	14.6	4.3
20:00	-.22	5.3	9.2	12.6	5.6	9.3	14.8	3.4
21:00	-.22	4.6	7.6	7.6	5.3	7.8	15.8	4.2
22:00	-.24	4.8	8.7	9.6	5.7	10.4	14.8	4.3
23:00	-.31	6.2	11.7	15.6	6.6	10.2	19.0	6.1
Avg	-.12	5.1	7.3	8.3	5.5	7.9	18.8	12.2
Max	.12	9.6	12.6	15.6	9.2	12.5	29.2	34.0
Hr. of Max	15	04	05	23	04	03	13	11
Min	-.33	3.2	4.1	3.7	3.6	4.4	10.2	3.4
Count	24	24	24	24	24	24	24	24
Total								