Date Printed: 09/10/2014 09:38

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

Daily Summary Report

Site: Tower "D" (1000 Area)

9/9/2014

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	22.3	22.6	23.0	23.5	.31	.68	1.23	.37	.92
01:00	21.7	22.3	22.5	22.7	.60	.84	1.04	.24	.44
02:00	21.8	22.1	22.2	22.4	.30	.41	.63	.11	.33
03:00	21.9	22.1	22.2	22.3	.15	.23	.35	.09	.20
04:00	21.7	21.8	21.8	22.0	.06	.09	.25	.03	.19
05:00	21.6	21.7	21.6	21.8	.06	.02	.21	-.04	.15
06:00	21.7	21.6	21.6	21.7	-.06	-.10	.04	-.04	.09
07:00	21.7	21.7	21.5	21.5	-.07	-.22	-.20	-.15	-.13
08:00	22.0	21.8	21.6	21.5	-.19	-.42	-.47	-.23	-.28
09:00	22.6	22.3	22.1	22.0	-.31	-.56	-.65	-.25	-.34
10:00	23.0	22.7	22.4	22.3	-.37	-.64	-.73	-.27	-.35
11:00	23.8	23.3	23.0	22.9	-.54	-.82	-.90	-.28	-.35
12:00	24.5	24.0	23.7	23.6	-.51	-.78	-.87	-.27	-.36
13:00	25.5	24.9	24.6	24.5	-.64	-.98	-1.08	-.34	-.43
14:00	27.0	26.2	25.8	25.7	-.83	-1.16	-1.25	-.33	-.42
15:00	27.4	26.5	26.1	26.0	-.88	-1.23	-1.34	-.35	-.46
16:00	27.7	26.9	26.5	26.3	-.81	-1.18	-1.34	-.37	-.53
17:00	27.8	27.2	26.9	26.8	-.58	-.90	-1.03	-.32	-.45
18:00	26.8	26.7	26.5	26.5	-.09	-.28	-.32	-.19	-.23
19:00	24.6	24.9	25.7	25.9	.30	1.13	1.29	.83	1.00
20:00	22.7	23.3	24.3	24.8	.62	1.62	2.12	1.00	1.51
21:00	21.9	22.6	23.1	23.3	.75	1.24	1.49	.48	.74
22:00	21.3	21.9	22.3	22.8	.60	1.07	1.56	.47	.96
23:00	20.9	21.6	22.0	22.4	.69	1.07	1.46	.38	.77
Avg	23.5	23.4	23.5	23.6	-.06	-.04	.06	.02	.12
Max	27.8	27.2	26.9	26.8	.75	1.62	2.12	1.00	1.51
Hr. of Max	17	17	17	17	21	20	20	20	20
Min	20.9	21.6	21.5	21.5	-.88	-1.23	-1.34	-.37	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	20.4	20.6	21.0	26.1	91.4	90.7	17.6	17.8	0.015517
01:00	19.7	19.7	20.3	25.9	90.7	87.7	16.9	16.9	0.014822
02:00	20.0	20.0	20.6	25.8	91.8	90.0	17.2	17.2	0.015128
03:00	20.1	20.2	20.7	25.6	91.8	91.4	17.4	17.4	0.015277
04:00	20.0	20.1	20.5	25.5	91.9	92.6	17.2	17.4	0.015084
05:00	20.0	20.1	20.5	25.4	93.0	93.3	17.3	17.4	0.01514
06:00	19.9	20.0	20.5	25.3	91.9	92.7	17.1	17.2	0.015036
07:00	19.6	19.7	20.3	25.2	89.7	90.8	16.8	16.9	0.014731
08:00	19.4	19.4	20.3	25.1	87.4	88.5	16.6	16.6	0.014566
09:00	19.2	19.1	20.4	25.1	83.1	84.0	16.4	16.3	0.014398
10:00	19.1	18.9	20.4	25.1	80.3	81.4	16.2	16.1	0.01425
11:00	19.0	18.9	20.6	25.1	76.5	78.4	16.1	16.0	0.014213
12:00	19.2	19.0	21.0	25.3	74.4	75.6	16.3	16.1	0.014413
13:00	19.4	19.2	21.5	25.5	70.9	72.4	16.5	16.2	0.014612
14:00	19.3	19.2	21.9	25.7	64.6	67.1	16.3	16.2	0.014534
15:00	19.6	19.3	22.2	26.1	64.4	66.5	16.5	16.3	0.014806
16:00	19.5	19.1	22.2	26.4	62.7	64.3	16.4	16.1	0.014721
17:00	19.4	19.1	22.2	26.7	61.9	62.8	16.3	16.0	0.014625
18:00	20.2	19.9	22.4	26.9	69.1	68.1	17.2	16.9	0.01539
19:00	21.0	20.6	22.2	26.9	82.6	79.4	18.1	17.7	0.016128
20:00	20.4	20.5	21.1	26.9	89.0	86.6	17.6	17.7	0.015512
21:00	20.0	20.6	20.6	26.7	91.3	90.8	17.2	17.9	0.015133
22:00	19.7	20.5	20.2	26.5	92.8	94.2	16.9	17.8	0.014834
23:00	19.4	20.4	19.9	26.3	93.1	95.3	16.6	17.7	0.014566
Avg	19.7	19.8	21.0	25.9	82.3	82.7	16.9	16.9	0.014893
Max	21.0	20.6	22.4	26.9	93.1	95.3	18.1	17.9	0.016128
Hr. of Max	19	21	18	20	23	23	19	21	19
Min	19.0	18.9	19.9	25.1	61.9	62.8	16.1	16.0	0.014213
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/9/2014

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	0.015686	24.0	24.3	.00	29.17	987.8	-1.3	.00	222.1 -
01:00	0.014867	23.0	23.1	.00	29.17	987.8	-2.7	.00	6.6 -
02:00	0.015105	23.4	23.4	.00	29.16	987.6	-3.2	.00	5.5 -
03:00	0.015343	23.7	23.8	.00	29.16	987.5	-1.7	.00	281.9 -
04:00	0.015266	23.4	23.7	.00	29.16	987.6	-2.1	.00	245.3
05:00	0.01525	23.5	23.6	.00	29.17	987.9	-2.1	.00	249.6
06:00	0.015126	23.3	23.5	.00	29.18	988.2	-3.2	.00	225.6
07:00	0.014838	22.9	23.0	.00	29.20	988.8	-.3	.00	223.4
08:00	0.014574	22.6	22.7	.00	29.22	989.4	99.9	.14	222.8
09:00	0.014292	22.4	22.2	.00	29.22	989.4	207.6	.30	225.7
10:00	0.01413	22.2	22.0	.00	29.22	989.5	245.4	.35	230.5
11:00	0.014092	22.1	21.9	.00	29.22	989.7	342.6	.49	234.8 -
12:00	0.014192	22.4	22.1	.00	29.22	989.5	386.4	.55	221.3 -
13:00	0.014371	22.7	22.3	.00	29.21	989.1	612.8	.88	225.4
14:00	0.014376	22.6	22.3	.00	29.18	988.3	742.1	1.06	215.1
15:00	0.01452	23.0	22.5	.00	29.15	987.1	704.3	1.01	229.8 -
16:00	0.014391	22.8	22.3	.00	29.13	986.6	612.6	.88	238.2
17:00	0.014333	22.7	22.2	.00	29.12	986.2	327.9	.47	240.3
18:00	0.015088	23.8	23.4	.00	29.12	986.0	142.0	.20	224.9
19:00	0.015753	24.9	24.3	.00	29.11	985.8	40.0	.06	303.1 -
20:00	0.015679	24.0	24.3	.00	29.13	986.4	-1.0	.00	313.3 -
21:00	0.015756	23.4	24.4	.00	29.12	986.2	-2.2	.00	320.7 -
22:00	0.015636	23.0	24.2	.00	29.13	986.4	-1.6	.00	283.8 -
23:00	0.015557	22.6	24.1	.00	29.14	986.7	-1.6	.00	295.1 -
Avg	0.014926	23.1	23.2	.00	29.17	987.7	185.0	.27	252.0
Max	0.015756	24.9	24.4	.00	29.22	989.7	742.1	1.06	320.7
Hr. of Max	21	19	21	23	12	11	14	14	21
Min	0.014092	22.1	21.9	.00	29.11	985.8	-3.2	.00	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)

9/9/2014

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	219.2	210.6	233.6	211.2	<	30.8	17.6	1.2	2.6
01:00	46.7 -	48.4	7.1	42.9	<	<	25.0	.8	1.0
02:00	91.8	105.5	8.6	101.1	<	25.1	14.2	.4	.9
03:00	7.8 -	74.6	287.9	70.6	<	<	24.9	.5	.7
04:00	243.7	216.9	254.6	217.2	17.5	13.7	14.1	1.3	2.0
05:00	248.3	230.3	259.1	231.0	15.2	8.7	5.6	1.4	3.1
06:00	230.7	231.9	235.8	232.5	20.5	10.0	7.6	1.4	3.5
07:00	226.2	224.1	233.6	225.0	23.1	14.4	9.3	2.1	4.0
08:00	228.1	224.9	234.0	225.8	25.2	17.7	12.5	2.8	4.8
09:00	235.1	236.1	236.8	236.5	27.0	23.1	17.4	3.2	4.5
10:00	237.5	235.3	241.1	236.0	32.6	24.7	20.1	2.6	3.6
11:00	238.4	234.5	246.7	235.7	22.0 -	23.6	19.1	3.3	4.3
12:00	227.6	228.0	232.8	228.8	39.5 -	31.2	23.8	3.0	3.8
13:00	234.4	233.8	236.8	234.4	32.9	23.7	19.3	3.8	5.2
14:00	225.4	224.7	226.6	225.1	31.1	25.5	23.6	4.0	4.9
15:00	236.2	229.0	241.6	230.6	31.2 -	24.4	18.9	3.6	4.9
16:00	245.5	244.5	251.6	244.8	37.5	29.6	25.6	3.4	4.6
17:00	247.0	242.4	252.0	243.0	38.0	30.3	22.2	2.3	3.2
18:00	227.2	224.4	232.2	225.7	27.1	20.2	15.1	1.7	2.9
19:00	249.2	228.4	305.8	229.4	12.7 -	18.3	9.7	.7	1.5
20:00	41.9 -	104.6	318.7	106.5	<	<	43.6	.4	.6
21:00	48.5 -	92.0	326.4	88.9	<	13.0 -	30.9	.5	.6
22:00	225.8 -	253.8	288.4	246.6	34.7 -	57.2 -	23.6	.3	.0
23:00	70.2	328.5	303.4	338.0	<	33.1	43.3	.2	.3
Avg	236.0	223.0	262.0	225.0	27.5	23.7	20.3	.0	.0
Max	249.2	328.5	326.4	338.0	39.5	57.2	43.6	4.0	5.2
Hr. of Max	19	23	21	23	12	22	20	14	13
Min	7.8	48.4	7.1	42.9	12.7	8.7	5.6	.2	.0
Count	24	24	24	24	17	21	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/9/2014

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	4.5	1.5	3.1	4.9	2.3	5.4	1.8	2.9	.01
01:00	1.1	1.2	2.0	2.4	1.6	2.9	.4	.5	-.01
02:00	2.2	.4	1.0	2.3	1.0	2.8	3.1	2.5	.05
03:00	.9	.7	1.0	1.1	1.4	1.6	.9	-.6	.00
04:00	2.4	1.4	2.1	2.5	2.0	3.0	-.7	-.2	-.06
05:00	4.8	1.6	3.2	5.0	2.1	5.4	-1.5	-.3	-.09
06:00	5.3	1.5	3.6	5.3	2.2	5.8	-.2	.5	-.08
07:00	5.7	2.3	4.1	5.8	3.0	6.3	.4	.4	-.07
08:00	6.5	3.1	5.0	6.6	3.9	7.3	1.3	.3	-.09
09:00	5.6	3.6	4.7	5.8	4.4	6.4	-.3	2.6	-.13
10:00	4.1	3.0	3.9	4.3	3.7	4.9	1.4	-.9	-.03
11:00	5.0	3.6	4.6	5.2	4.2	5.8	-.9	.0	-.20
12:00	4.6	3.7	4.4	5.0	4.4	5.6	.7	1.9	-.09
13:00	6.0	4.3	5.7	6.5	5.2	7.1	.7	.2	-.11
14:00	5.7	4.7	5.5	6.2	5.4	6.9	1.2	3.0	-.05
15:00	5.7	4.2	5.4	6.1	5.0	6.8	.3	-.3	-.13
16:00	5.4	4.2	5.2	5.9	4.8	6.5	-.2	-3.0	-.16
17:00	4.0	3.1	3.9	4.6	3.6	5.1	1.3	.0	-.06
18:00	3.8	1.9	3.2	4.0	2.5	4.5	1.3	1.5	-.03
19:00	2.3	.7	1.6	2.4	1.1	2.7	4.2	-.8	.07
20:00	.2	.4	1.1	1.0	.8	1.5	1.5	1.2	.03
21:00	.7	.5	.6	.8	1.0	1.3	.5	-.1	.00
22:00	.1	.3	.2	.1	.9	.5	2.0	-1.5	.03
23:00	.1	.3	.4	.2	.7	.6	1.3	.0	.02
Avg	.0	2.2	3.1	3.9	2.8	4.4	.9	.4	-.05
Max	6.5	4.7	5.7	6.6	5.4	7.3	4.2	3.0	.07
Hr. of Max	08	14	13	08	14	08	19	14	19
Min	.1	.3	.2	.1	.7	.5	-1.5	-3.0	-.20
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

9/9/2014

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	.23	8.2	14.2	15.3	12.6	15.8	14.6	9.4
01:00	.00	6.0	6.9	12.1	6.1	7.6	12.4	11.0
02:00	.11	2.5	3.9	5.5	2.7	5.8	12.1	8.3
03:00	-.02	2.3	3.2	4.1	3.0	3.8	10.5	10.9
04:00	-.02	4.8	4.6	5.0	5.3	5.5	8.0	5.8
05:00	-.03	3.4	5.5	9.4	4.1	8.8	9.2	3.2
06:00	.03	4.1	7.3	9.6	5.4	9.0	13.6	5.3
07:00	-.02	7.1	8.2	10.3	9.6	11.2	16.2	7.4
08:00	-.07	8.2	10.8	14.4	9.4	11.9	18.2	9.4
09:00	.09	13.5	15.3	16.9	9.4	12.0	18.4	15.6
10:00	-.13	7.1	8.5	12.4	8.1	9.6	19.3	16.5
11:00	-.21	9.6	10.8	11.4	11.2	11.6	18.5	17.5
12:00	.01	9.2	11.2	12.8	10.8	12.5	20.4	18.5
13:00	-.10	11.7	12.1	12.4	13.4	13.5	20.7	14.6
14:00	.13	11.2	11.9	12.8	13.0	13.5	20.5	18.6
15:00	-.13	11.4	11.4	12.4	12.6	14.6	20.7	17.5
16:00	-.49	11.4	15.8	13.1	10.0	12.5	19.7	15.4
17:00	-.09	8.5	8.0	9.6	8.6	10.7	22.4	16.6
18:00	.05	6.0	7.3	7.3	6.9	8.3	16.0	10.3
19:00	-.04	1.8	5.5	9.4	1.9	5.1	10.5	4.2
20:00	.05	2.1	4.1	5.5	2.4	3.3	13.5	12.4
21:00	.00	1.6	1.8	1.8	2.1	2.4	6.8	4.6
22:00	-.02	1.1	1.1	1.1	1.9	1.5	6.4	6.2
23:00	.00	1.8	1.6	1.6	1.8	1.9	5.0	6.0
Avg	-.03	6.4	8.0	9.4	7.2	8.9	14.7	11.1
Max	.23	13.5	15.8	16.9	13.4	15.8	22.4	18.6
Hr. of Max	00	09	16	09	13	00	17	14
Min	-.49	1.1	1.1	1.1	1.8	1.5	5.0	3.2
Count	24	24	24	24	24	24	24	24
Total								