Date Printed: 10/15/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/14/2014

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	18.4	19.6	21.4	22.9	1.18	2.98	4.52	1.81	3.35
01:00	18.7	20.1	21.6	23.0	1.47	2.95	4.35	1.48	2.88
02:00	23.2	23.4	23.3	23.3	.21	.11	.12	-.10	-.08
03:00	22.8	23.1	23.0	23.0	.25	.13	.12	-.12	-.13
04:00	20.7	20.9	20.9	20.9	.19	.15	.18	-.04	.00
05:00	19.7	19.8	19.7	19.7	.15	.03	.06	-.12	-.09
06:00	20.0	20.0	19.9	19.9	.07	-.04	-.07	-.11	-.14
07:00	19.6	19.7	19.6	19.6	.13	.04	.02	-.09	-.11
08:00	19.6	19.8	19.8	19.8	.20	.15	.16	-.05	-.04
09:00	19.6	19.8	19.7	19.7	.25	.18	.17	-.07	-.07
10:00	19.9	20.1	20.0	20.1	.17	.10	.13	-.07	-.04
11:00	20.9	20.9	20.7	20.7	-.02	-.18	-.20	-.16	-.18
12:00	20.6	20.5	20.4	20.4	-.10	-.22	-.23	-.12	-.13
13:00	19.5	19.4	19.3	19.4	-.02	-.11	-.09	-.09	-.07
14:00	17.9	17.8	17.6	17.6	-.12	-.25	-.25	-.13	-.13
15:00	18.1	18.0	17.9	17.8	-.14	-.28	-.29	-.14	-.16
16:00	19.5	19.2	19.0	18.9	-.28	-.53	-.58	-.24	-.30
17:00	19.7	19.6	19.5	19.5	-.09	-.24	-.22	-.15	-.13
18:00	18.9	19.1	19.0	19.1	.18	.14	.23	-.04	.05
19:00	17.1	17.7	17.8	18.0	.64	.72	.93	.08	.29
20:00	16.5	16.9	17.0	17.1	.36	.46	.65	.10	.29
21:00	15.6	16.0	16.0	16.2	.35	.40	.57	.05	.22
22:00	15.1	15.5	15.6	15.9	.36	.49	.72	.13	.36
23:00	14.6	15.1	15.2	15.4	.56	.65	.81	.09	.25
Avg	19.0	19.3	19.3	19.5	.25	.33	.49	.08	.25
Max	23.2	23.4	23.3	23.3	1.47	2.98	4.52	1.81	3.35
Hr. of Max	02	02	02	02	01	00	00	00	00
Min	14.6	15.1	15.2	15.4	-.28	-.53	-.58	-.24	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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10/14/2014

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	16.5	16.2	17.1	20.8	90.4	82.8	14.0	13.7	0.01214
01:00	16.8	16.5	17.4	20.6	90.6	81.7	14.2	13.9	0.012385
02:00	16.5	16.3	18.7	20.5	67.5	65.7	13.8	13.6	0.012198
03:00	16.5	16.4	18.6	20.5	68.9	67.6	13.8	13.7	0.012218
04:00	17.6	17.7	18.6	20.4	84.4	83.8	14.9	15.0	0.013097
05:00	18.2	18.3	18.7	20.2	93.3	93.1	15.5	15.6	0.013604
06:00	17.9	18.0	18.6	20.0	89.8	90.0	15.2	15.3	0.013348
07:00	17.7	17.8	18.3	19.6	90.9	90.9	15.0	15.2	0.013179
08:00	18.1	18.2	18.6	19.5	92.6	92.1	15.4	15.5	0.013512
09:00	17.9	17.8	18.4	19.6	91.9	90.4	15.2	15.2	0.013349
10:00	17.7	17.4	18.4	19.6	88.6	86.4	15.0	14.7	0.013173
11:00	17.5	17.1	18.6	19.7	82.6	80.8	14.8	14.4	0.013038
12:00	18.3	18.0	19.0	19.8	88.2	87.4	15.5	15.3	0.013721
13:00	17.6	17.7	18.2	20.2	91.1	91.6	15.0	15.0	0.013167
14:00	16.2	16.2	16.8	20.4	91.7	92.3	13.7	13.7	0.011997
15:00	15.8	15.6	16.6	20.3	88.1	87.6	13.4	13.2	0.011711
16:00	15.4	15.0	16.8	20.3	78.6	78.0	13.0	12.7	0.011402
17:00	14.4	14.1	16.2	20.3	73.0	71.8	12.2	12.0	0.010695
18:00	12.5	12.2	14.6	20.4	67.7	65.6	10.8	10.6	0.00942
19:00	12.7	12.0	14.1	20.3	76.6	70.4	11.0	10.5	0.009499
20:00	10.8	10.6	12.7	20.2	70.2	67.6	9.7	9.6	0.008389
21:00	10.6	10.5	12.3	20.0	73.2	70.8	9.7	9.5	0.008277
22:00	11.1	11.0	12.5	19.8	78.1	75.5	10.0	9.9	0.008544
23:00	11.4	11.1	12.5	19.5	82.6	78.0	10.2	10.0	0.008705
Avg	15.7	15.5	16.8	20.1	82.9	80.9	13.4	13.2	0.011699
Max	18.3	18.3	19.0	20.8	93.3	93.1	15.5	15.6	0.013721
Hr. of Max	12	05	12	00	05	05	12	05	12
Min	10.6	10.5	12.3	19.5	67.5	65.6	9.7	9.5	0.008277
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)

10/14/2014

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	0.011974	18.8	18.5	.00	28.97	981.2	-3.4	.00	34.0
01:00	0.012211	19.1	18.9	.00	28.95	980.5	-3.2	.00	61.1
02:00	0.012026	18.8	18.6	.00	28.94	980.1	-1.5	.00	174.7
03:00	0.012169	18.9	18.8	.00	28.91	979.2	-1.4	.00	156.6
04:00	0.013162	20.2	20.3	.16	28.92	979.3	-1.3	.00	188.1
05:00	0.013695	21.0	21.1	.13	28.92	979.2	-2.6	.00	216.8
06:00	0.013445	20.6	20.7	.17	28.90	978.6	-2.3	.00	142.8
07:00	0.013302	20.3	20.5	.14	28.88	977.9	-2.3	.00	128.1
08:00	0.013597	20.8	20.9	.08	28.86	977.2	6.0	.01	82.6
09:00	0.013327	20.5	20.5	.00	28.86	977.3	30.4	.04	92.2
10:00	0.012973	20.3	20.0	.00	28.84	976.8	86.3	.12	96.9
11:00	0.012742	20.0	19.6	.03	28.81	975.8	164.3	.24	102.5
12:00	0.013513	21.0	20.7	.03	28.78	974.7	197.4	.28	105.9
13:00	0.013218	20.2	20.3	.29	28.80	975.2	82.8	.12	230.0
14:00	0.011986	18.5	18.4	.04	28.81	975.5	102.4	.15	226.4
15:00	0.011548	18.0	17.8	.01	28.80	975.4	217.1	.31	225.9
16:00	0.011114	17.6	17.1	.00	28.81	975.6	393.0	.56	221.0
17:00	0.010464	16.5	16.2	.00	28.83	976.2	189.0	.27	218.6
18:00	0.009232	14.6	14.3	.00	28.85	976.9	66.0	.09	229.4
19:00	0.009107	14.7	14.1	.00	28.88	978.0	-1.4	.00	227.7
20:00	0.008267	13.0	12.8	.00	28.90	978.7	-2.4	.00	228.7
21:00	0.008189	12.9	12.7	.00	28.93	979.8	-1.9	.00	223.6
22:00	0.008455	13.3	13.1	.00	28.95	980.4	-2.6	.00	222.6
23:00	0.008521	13.5	13.3	.00	28.95	980.4	-2.1	.00	223.8
Avg	0.011593	18.0	17.9	.05	28.88	977.9	62.8	.09	181.0
Max	0.013695	21.0	21.1	.29	28.97	981.2	393.0	.56	230.0
Hr. of Max	05	12	05	13	00	00	16	16	13
Min	0.008189	12.9	12.7	.00	28.78	974.7	-3.4	.00	34.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/14/2014

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	50.5	120.9	42.5	119.3	60.3	29.9	18.8	.8	1.5
01:00	60.5	153.5	77.2	153.2	56.0	37.4	23.5	.2	.5
02:00	179.8	174.6	187.1	176.1	37.3	31.6	25.2	5.1	7.0
03:00	161.2	163.1	172.0	163.2	52.9	47.3	34.2	1.9	2.8
04:00	188.1	182.3	199.7	183.9	36.3	28.3	23.8	2.9	4.3
05:00	206.2	189.3	232.2	191.0	46.9	35.4	27.7	1.1	2.5
06:00	153.7	155.0	156.2	154.9	47.1	39.8	36.5	3.3	4.4
07:00	139.4	143.0	138.7	142.3	58.1	44.8	42.7	2.1	3.6
08:00	94.4	100.4	90.2	97.8	32.3	22.2	16.9	4.5	7.3
09:00	102.0	106.8	102.0	104.5	27.3	18.1	15.9	3.8	6.0
10:00	105.9	116.5	106.2	114.2	37.2	26.6	22.8	2.5	4.0
11:00	111.4	116.3	111.1	115.5	35.6	34.1	32.9	3.1	4.1
12:00	116.7	121.9	114.1	120.2	37.5	25.3	21.3	2.5	4.2
13:00	234.5	231.1	242.9	232.8	24.0	19.3	16.9	7.3	10.7
14:00	232.1	230.4	239.0	233.1	22.8	15.3	11.6	7.5	11.1
15:00	230.7	227.0	237.7	229.9	23.4	17.1	12.4	7.4	11.0
16:00	224.7	222.7	232.8	225.4	23.1	16.5	12.4	7.3	10.5
17:00	223.6	220.8	230.4	223.5	23.1	16.4	11.7	5.7	8.7
18:00	231.7	227.6	242.0	229.9	21.8	15.3	12.3	4.9	7.7
19:00	227.5	221.6	239.4	224.2	21.0	14.9	11.7	3.7	6.6
20:00	229.8	224.6	241.5	227.2	20.1	12.5	8.9	5.5	9.6
21:00	226.2	221.9	234.0	224.3	25.2	15.1	11.4	2.9	5.7
22:00	225.6	221.8	233.6	224.5	17.6	9.6	7.0	3.0	6.1
23:00	223.6	217.8	234.6	220.4	18.2	10.1	8.6	2.7	5.4
Avg	184.0	181.0	193.0	183.0	33.5	24.3	19.5	.0	.0
Max	234.5	231.1	242.9	233.1	60.3	47.3	42.7	7.5	11.1
Hr. of Max	13	13	13	14	00	03	07	14	14
Min	50.5	100.4	42.5	97.8	17.6	9.6	7.0	.2	.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)

10/14/2014

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	2.7	1.1	1.7	2.8	1.4	3.4	3.5	-.4	.07
01:00	3.3	.9	1.9	3.6	1.4	4.2	.5	-1.4	-.02
02:00	9.9	5.9	7.9	10.6	7.0	11.5	.3	.3	-.32
03:00	4.1	2.5	3.4	4.7	3.2	5.4	5.1	3.5	.20
04:00	6.2	3.4	4.9	6.8	4.0	7.4	3.5	1.5	.13
05:00	3.9	2.4	3.6	4.9	3.0	5.5	-2.6	-.4	-.23
06:00	6.1	5.1	6.0	7.4	5.9	8.6	1.3	4.5	-.04
07:00	5.3	3.5	5.3	7.0	4.4	7.9	2.6	1.5	-.06
08:00	9.2	4.9	7.7	9.6	5.8	10.2	2.1	1.1	.01
09:00	7.0	4.1	6.2	7.2	4.8	7.7	2.0	2.0	.04
10:00	5.2	2.9	4.4	5.7	3.6	6.3	5.0	1.9	.24
11:00	4.4	3.7	4.8	5.3	4.5	6.1	4.4	4.6	.21
12:00	5.4	4.0	6.1	7.3	4.8	7.9	2.7	.1	.06
13:00	13.3	8.0	11.4	14.0	8.6	14.9	-.7	.5	-.38
14:00	14.2	7.9	11.5	14.5	8.7	15.3	.0	.6	-.36
15:00	13.8	7.9	11.5	14.1	8.6	15.0	-.3	.9	-.37
16:00	13.3	7.8	10.9	13.6	8.5	14.5	1.2	.7	-.20
17:00	10.9	6.1	9.0	11.1	6.8	11.9	1.4	.5	-.08
18:00	9.8	5.2	8.0	10.0	5.7	10.7	-1.7	1.7	-.31
19:00	9.2	3.9	6.8	9.4	4.6	10.1	-.8	1.8	-.17
20:00	12.7	5.8	9.8	12.9	6.6	13.8	-1.2	.5	-.29
21:00	8.2	3.1	5.9	8.4	3.9	9.1	-.8	1.1	-.17
22:00	8.8	3.1	6.2	8.8	3.5	9.5	.6	.4	-.05
23:00	7.7	2.9	5.5	7.8	3.5	8.4	-.8	.9	-.12
Avg	.0	4.4	6.7	8.6	5.1	9.4	1.1	1.2	-.09
Max	14.2	8.0	11.5	14.5	8.7	15.3	5.1	4.6	.24
Hr. of Max	14	13	15	14	14	14	03	11	10
Min	2.7	.9	1.7	2.8	1.4	3.4	-2.6	-1.4	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/14/2014

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	-.08	3.7	5.0	9.8	3.8	10.4	16.5	13.9
01:00	-.26	7.1	14.7	20.8	10.0	22.2	20.0	17.9
02:00	-.43	20.4	26.6	30.9	23.5	32.0	22.2	19.3
03:00	.09	10.5	14.0	22.2	12.8	17.8	25.5	25.0
04:00	-.10	10.1	15.1	19.7	11.0	20.2	21.4	18.4
05:00	-.21	11.2	13.3	19.2	14.0	21.0	19.5	17.3
06:00	.28	19.5	24.0	25.6	22.2	57.9	24.6	25.2
07:00	-.19	23.8	22.7	35.3	29.3	34.4	26.7	24.2
08:00	.06	19.5	22.7	22.7	19.0	23.2	18.7	12.2
09:00	.16	17.6	17.9	19.0	11.8	17.4	15.1	11.6
10:00	.15	11.2	12.1	18.3	15.2	20.1	20.4	16.0
11:00	.39	10.8	14.0	19.2	12.5	14.9	20.2	20.4
12:00	-.11	13.7	14.2	22.7	15.0	25.9	19.9	12.9
13:00	-.07	20.6	29.3	40.3	30.1	30.8	16.5	9.6
14:00	.01	19.5	35.5	37.8	23.8	31.2	17.5	9.0
15:00	.02	22.0	24.7	27.7	21.9	28.5	17.2	10.1
16:00	-.01	19.5	23.4	27.9	20.2	26.2	17.7	9.3
17:00	-.03	16.7	20.4	25.2	19.1	23.6	17.8	9.1
18:00	.20	15.3	18.3	24.0	14.0	23.5	15.6	9.4
19:00	.23	15.8	17.6	23.8	17.9	25.8	14.1	8.1
20:00	.00	16.9	20.4	31.1	17.8	25.6	14.5	6.8
21:00	.08	8.2	12.1	20.2	11.3	17.1	16.9	8.1
22:00	.04	8.0	11.7	13.7	8.9	15.5	14.8	5.4
23:00	.06	8.0	13.7	15.8	10.1	19.0	12.3	6.4
Avg	.01	14.6	18.5	23.9	16.5	24.3	18.6	13.6
Max	.39	23.8	35.5	40.3	30.1	57.9	26.7	25.2
Hr. of Max	11	07	14	13	13	06	07	06
Min	-.43	3.7	5.0	9.8	3.8	10.4	12.3	5.4
Count	24	24	24	24	24	24	24	24
Total								