Date Printed: 10/16/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/15/2014

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	15.1	15.3	15.3	15.4	.24	.24	.32	.00	.08
01:00	15.0	15.1	15.0	15.0	.09	-.01	.01	-.10	-.08
02:00	14.7	14.8	14.7	14.7	.06	-.04	.00	-.10	-.06
03:00	13.8	13.9	13.8	13.9	.03	-.01	.09	-.04	.06
04:00	13.7	13.8	13.8	14.0	.11	.12	.24	.01	.13
05:00	13.9	13.9	13.9	14.0	.10	.04	.14	-.06	.04
06:00	13.2	13.4	13.3	13.4	.16	.10	.17	-.06	.02
07:00	12.0	12.6	12.6	12.7	.58	.58	.70	-.01	.11
08:00	12.7	12.7	12.7	12.8	.06	.00	.08	-.06	.02
09:00	14.5	14.2	14.0	13.9	-.32	-.58	-.66	-.26	-.34
10:00	15.1	14.9	14.7	14.6	-.22	-.46	-.52	-.23	-.29
11:00	15.7	15.5	15.2	15.1	-.20	-.44	-.51	-.24	-.31
12:00	14.7	14.6	14.5	14.5	-.06	-.17	-.15	-.12	-.09
13:00	15.3	15.2	15.0	15.0	-.08	-.23	-.24	-.15	-.16
14:00	15.2	15.1	15.0	15.0	-.06	-.20	-.21	-.14	-.15
15:00	13.1	13.0	12.9	12.9	-.13	-.21	-.16	-.09	-.04
16:00	13.0	12.8	12.7	12.7	-.17	-.33	-.33	-.16	-.16
17:00	12.9	12.8	12.6	12.6	-.12	-.27	-.24	-.15	-.12
18:00	12.8	12.6	12.4	12.4	-.14	-.32	-.32	-.18	-.18
19:00	12.6	12.4	12.3	12.3	-.13	-.29	-.28	-.16	-.15
20:00	12.4	12.3	12.1	12.1	-.12	-.27	-.23	-.14	-.11
21:00	12.2	12.2	12.0	12.0	-.07	-.21	-.19	-.14	-.12
22:00	12.1	12.0	11.9	11.9	-.09	-.22	-.20	-.14	-.11
23:00	12.1	12.0	11.9	11.9	-.09	-.25	-.26	-.16	-.17
Avg	13.7	13.6	13.5	13.5	-.02	-.14	-.11	-.12	-.09
Max	15.7	15.5	15.3	15.4	.58	.58	.70	.01	.13
Hr. of Max	11	11	00	00	07	07	07	04	04
Min	12.0	12.0	11.9	11.9	-.32	-.58	-.66	-.26	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/15/2014

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	11.1	11.0	12.4	19.3	78.5	76.5	10.0	9.9	0.008545
01:00	11.1	11.0	12.4	19.2	78.5	77.6	10.0	9.9	0.008535
02:00	11.1	11.0	12.3	19.0	80.1	79.4	10.0	9.9	0.00852
03:00	11.8	11.7	12.5	18.9	88.6	88.1	10.5	10.4	0.008915
04:00	11.7	11.6	12.4	18.7	88.9	87.8	10.4	10.3	0.008872
05:00	11.3	11.3	12.2	18.6	86.0	85.4	10.2	10.1	0.008655
06:00	11.1	11.1	11.8	18.5	87.9	87.5	10.0	10.0	0.008499
07:00	10.7	10.9	11.2	18.3	93.2	90.5	9.8	9.9	0.008311
08:00	10.8	10.6	11.4	18.2	89.5	88.1	9.8	9.7	0.008335
09:00	10.1	9.7	11.6	18.0	76.1	75.3	9.4	9.1	0.007995
10:00	9.4	9.1	11.3	18.0	69.5	69.0	8.9	8.7	0.007593
11:00	9.7	9.4	11.7	18.1	68.7	68.4	9.1	8.9	0.00777
12:00	10.5	10.2	11.9	18.1	77.1	75.8	9.6	9.4	0.008187
13:00	10.4	10.1	12.0	18.1	74.1	72.9	9.5	9.3	0.008171
14:00	9.5	9.3	11.4	18.1	70.0	69.2	9.0	8.8	0.007676
15:00	11.2	11.0	11.8	18.1	89.3	89.3	10.1	10.0	0.008563
16:00	11.6	11.4	12.0	18.1	92.3	92.6	10.3	10.3	0.008786
17:00	11.6	11.5	12.0	17.9	93.1	93.3	10.3	10.3	0.008789
18:00	11.6	11.5	12.0	17.8	93.8	94.5	10.4	10.3	0.008791
19:00	11.5	11.4	11.8	17.5	94.3	95.0	10.3	10.3	0.008719
20:00	11.4	11.4	11.7	17.2	95.1	95.7	10.2	10.2	0.008683
21:00	11.2	11.3	11.5	16.8	94.7	95.7	10.1	10.2	0.008565
22:00	11.1	11.2	11.5	16.4	94.9	95.8	10.1	10.1	0.008521
23:00	11.0	11.1	11.4	16.2	94.4	95.4	10.0	10.1	0.008487
Avg	10.9	10.8	11.8	18.0	85.4	85.0	9.9	9.8	0.008437
Max	11.8	11.7	12.5	19.3	95.1	95.8	10.5	10.4	0.008915
Hr. of Max	03	03	03	00	20	22	03	03	03
Min	9.4	9.1	11.2	16.2	68.7	68.4	8.9	8.7	0.007593
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)

10/15/2014

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	0.008457	13.3	13.2	.00	28.95	980.3	-2.4	.00	211.6
01:00	0.00848	13.3	13.2	.00	28.95	980.3	-2.0	.00	208.5
02:00	0.008485	13.2	13.2	.00	28.95	980.2	-2.9	.00	208.8
03:00	0.008878	13.8	13.8	.00	28.94	980.0	-2.1	.00	224.7
04:00	0.008825	13.8	13.7	.00	28.93	979.7	-2.2	.00	205.8
05:00	0.00865	13.4	13.4	.00	28.94	980.0	-1.9	.00	214.6
06:00	0.008548	13.2	13.3	.00	28.94	980.2	-2.5	.00	234.3
07:00	0.008395	12.9	13.1	.00	28.95	980.5	1.0	.00	241.8
08:00	0.008236	13.0	12.8	.00	28.96	980.7	85.9	.12	222.8
09:00	0.007744	12.4	12.1	.00	28.96	980.9	317.8	.46	209.7
10:00	0.007434	11.8	11.6	.00	28.95	980.6	207.8	.30	212.5
11:00	0.007628	12.1	11.9	.00	28.95	980.3	166.5	.24	205.4
12:00	0.008012	12.7	12.5	.00	28.94	980.1	74.9	.11	204.4
13:00	0.008001	12.7	12.4	.00	28.92	979.4	117.3	.17	208.4
14:00	0.007568	11.9	11.8	.00	28.91	978.9	65.8	.09	235.9
15:00	0.008495	13.3	13.2	.03	28.92	979.5	58.1	.08	250.1
16:00	0.008717	13.6	13.5	.07	28.93	979.7	55.6	.08	233.3
17:00	0.008744	13.7	13.6	.04	28.93	979.9	15.3	.02	229.1
18:00	0.008771	13.7	13.6	.05	28.94	980.2	11.8	.02	220.3
19:00	0.008708	13.6	13.5	.03	28.94	980.2	-2.4	.00	229.6
20:00	0.008672	13.5	13.5	.09	28.95	980.3	-2.5	.00	227.4
21:00	0.008611	13.3	13.4	.05	28.95	980.4	-2.7	.00	225.4
22:00	0.008559	13.3	13.3	.07	28.95	980.5	-2.1	.00	220.9
23:00	0.00852	13.2	13.2	.01	28.94	980.1	-1.8	.00	214.0
Avg	0.008381	13.1	13.0	.02	28.94	980.1	47.9	.07	220.0
Max	0.008878	13.8	13.8	.09	28.96	980.9	317.8	.46	250.1
Hr. of Max	03	04	03	20	09	09	09	09	15
Min	0.007434	11.8	11.6	.00	28.91	978.9	-2.9	.00	204.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/15/2014

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	215.1	209.2	215.4	211.7	20.8	13.1	9.7	3.6	6.3
01:00	214.6	210.4	213.6	212.9	20.6	14.9	11.3	4.0	6.5
02:00	216.1	211.5	211.8	214.1	21.6	14.5	10.3	3.2	5.6
03:00	223.2	216.1	227.8	218.8	20.9	11.6	8.4	2.3	4.7
04:00	209.5	207.0	209.5	209.5	20.8	11.1	8.1	2.3	5.0
05:00	220.3	216.7	218.7	219.7	22.3	13.9	9.2	3.8	6.9
06:00	232.5	225.9	236.7	228.4	19.6	12.8	9.2	2.7	5.0
07:00	232.9	219.8	244.9	222.4	13.0	8.1	6.4	2.1	4.0
08:00	219.6	212.0	225.4	214.3	22.6	15.2	10.6	2.3	4.2
09:00	218.0	216.5	213.4	218.9	24.4	19.0	14.3	5.4	7.7
10:00	219.5	217.0	217.7	219.8	22.3	16.2	12.2	6.6	9.3
11:00	213.0	209.2	217.5	211.8	26.5	23.5	16.2	4.6	6.5
12:00	214.3	212.5	218.0	215.1	24.6	16.4	11.3	4.1	6.4
13:00	215.9	212.9	219.9	215.4	22.2	18.4	12.9	5.2	7.3
14:00	238.4	233.9	247.4	236.5	25.5	18.8	14.7	5.9	8.8
15:00	251.9	248.9	262.1	251.2	20.2	15.7	11.2	4.1	6.4
16:00	235.7	231.1	244.9	233.8	24.0	17.8	13.2	3.0	4.9
17:00	233.8	230.5	240.0	232.9	24.7	15.0	11.1	2.0	3.6
18:00	229.2	228.9	233.1	231.3	24.8	15.0	10.4	1.7	3.2
19:00	232.6	228.3	244.2	231.2	22.1	13.2	8.9	1.3	2.6
20:00	230.2	226.6	242.0	229.4	19.5	12.0	8.0	1.4	3.2
21:00	231.2	228.2	238.6	231.2	18.4	11.5	7.4	2.7	4.9
22:00	225.2	220.1	232.7	223.3	17.7	9.8	6.3	2.4	4.5
23:00	217.8	212.8	226.6	215.2	21.2	13.8	10.1	2.1	4.1
Avg	224.0	220.0	229.0	222.0	21.7	14.6	10.5	.0	.0
Max	251.9	248.9	262.1	251.2	26.5	23.5	16.2	6.6	9.3
Hr. of Max	15	15	15	15	11	11	11	10	10
Min	209.5	207.0	209.5	209.5	13.0	8.1	6.3	1.3	2.6
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)

10/15/2014

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	8.5	3.8	6.5	8.7	4.3	9.3	.2	-.2	-.12
01:00	8.7	4.2	6.7	8.8	4.7	9.4	.8	.1	-.07
02:00	7.7	3.4	5.7	7.8	4.0	8.4	.0	-.1	-.11
03:00	6.9	2.5	4.8	7.0	3.0	7.5	-.2	.3	-.08
04:00	7.3	2.4	5.1	7.3	3.0	7.8	-.4	-.1	-.13
05:00	9.9	4.0	7.1	10.0	4.8	10.7	1.2	.3	-.10
06:00	7.1	2.9	5.2	7.2	3.4	7.9	-.6	.8	-.13
07:00	5.5	2.2	4.1	5.6	2.6	6.1	-.9	-.1	-.07
08:00	6.4	2.4	4.4	6.5	3.0	7.1	-.8	1.6	-.14
09:00	9.6	5.7	8.0	9.9	6.4	10.6	2.0	-.1	-.08
10:00	11.5	7.0	9.7	11.7	7.6	12.5	-.4	-1.1	-.28
11:00	8.6	5.1	7.0	8.9	5.9	9.6	2.4	1.1	.02
12:00	8.7	4.4	6.6	8.9	4.9	9.5	2.4	-.2	-.02
13:00	9.7	5.5	7.6	9.9	6.2	10.7	1.5	.9	-.09
14:00	11.5	6.6	9.5	12.1	7.3	12.8	.5	.9	-.28
15:00	8.9	4.3	6.7	9.1	4.7	9.7	-.6	.8	-.22
16:00	6.6	3.3	5.2	6.9	3.8	7.3	.4	1.3	-.11
17:00	5.4	2.2	3.8	5.6	2.7	6.1	.0	1.7	-.10
18:00	4.6	1.9	3.3	4.7	2.4	5.1	3.1	1.8	.03
19:00	4.1	1.4	2.7	4.2	1.9	4.6	-.7	1.8	-.08
20:00	5.0	1.5	3.3	5.0	2.0	5.4	.9	1.3	-.02
21:00	6.8	2.8	5.0	6.8	3.2	7.4	.4	1.4	-.08
22:00	6.3	2.5	4.6	6.3	2.9	6.8	.7	1.4	-.06
23:00	5.8	2.2	4.2	5.9	2.8	6.3	1.1	1.2	.00
Avg	.0	3.5	5.7	7.7	4.1	8.3	.5	.7	-.10
Max	11.5	7.0	9.7	12.1	7.6	12.8	3.1	1.8	.03
Hr. of Max	14	10	10	14	10	14	18	19	18
Min	4.1	1.4	2.7	4.2	1.9	4.6	-.9	-1.1	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/15/2014

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	-.10	9.8	16.0	19.5	10.7	16.2	15.5	7.3
01:00	-.07	15.3	16.3	16.7	12.5	17.3	17.4	8.1
02:00	-.08	10.8	15.6	18.1	12.8	14.5	15.8	7.4
03:00	.01	17.6	16.5	21.8	11.3	14.9	14.6	6.3
04:00	-.07	8.2	11.0	14.2	9.2	15.5	15.2	6.6
05:00	-.03	12.6	19.2	20.6	12.5	19.1	16.8	7.1
06:00	.06	8.0	9.6	14.2	9.1	15.4	14.4	7.4
07:00	-.03	4.8	9.8	11.7	5.1	10.8	8.4	4.7
08:00	.14	7.8	10.5	14.2	10.3	15.3	15.5	8.0
09:00	-.22	16.9	16.5	25.6	15.9	18.5	18.6	10.9
10:00	-.39	17.9	19.2	18.3	17.1	20.7	15.7	9.0
11:00	-.02	17.2	15.1	23.4	15.6	17.9	18.5	12.8
12:00	-.17	14.0	18.3	19.9	15.7	21.1	18.5	9.0
13:00	.05	18.3	21.3	22.9	20.6	25.4	17.6	9.7
14:00	-.01	21.1	21.8	30.2	22.0	24.4	17.8	9.5
15:00	.06	14.2	15.3	24.0	14.8	18.3	15.7	7.3
16:00	.13	10.3	12.6	16.5	10.6	15.5	15.9	7.6
17:00	.14	6.2	7.8	10.1	6.8	10.6	16.2	7.8
18:00	.13	5.0	9.8	13.7	5.0	9.3	18.1	7.0
19:00	.11	6.2	9.4	13.1	5.8	10.6	15.1	7.1
20:00	.10	4.4	6.9	8.5	5.1	9.4	15.4	6.1
21:00	.14	6.6	8.7	11.9	7.6	11.2	15.6	5.4
22:00	.14	5.7	10.5	12.1	6.2	10.1	15.1	4.8
23:00	.07	6.4	12.8	13.3	6.5	11.7	15.7	8.2
Avg	.00	11.1	13.8	17.3	11.2	15.6	16.0	7.7
Max	.14	21.1	21.8	30.2	22.0	25.4	18.6	12.8
Hr. of Max	22	14	14	14	14	13	09	11
Min	-.39	4.4	6.9	8.5	5.0	9.3	8.4	4.7
Count	24	24	24	24	24	24	24	24
Total								