Date Printed: 10/13/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/12/2014

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	16.1	16.1	16.0	16.1	-.03	-.08	-.03	-.05	.00
01:00	16.1	16.1	16.1	16.1	-.02	-.07	-.04	-.05	-.02
02:00	16.1	16.2	16.1	16.2	.09	.01	.05	-.07	-.04
03:00	16.0	16.0	16.0	16.0	.00	-.04	.05	-.04	.05
04:00	16.0	16.0	15.9	16.0	-.01	-.06	-.02	-.05	-.01
05:00	16.2	16.1	16.0	16.1	-.04	-.13	-.10	-.09	-.06
06:00	16.1	16.2	16.1	16.1	.04	-.04	-.01	-.07	-.05
07:00	16.0	16.1	16.0	16.1	.06	-.01	.03	-.07	-.03
08:00	16.3	16.2	16.1	16.2	-.05	-.14	-.09	-.09	-.04
09:00	16.7	16.6	16.4	16.4	-.15	-.32	-.34	-.17	-.19
10:00	17.9	17.5	17.3	17.2	-.30	-.54	-.63	-.24	-.33
11:00	18.6	18.3	18.1	18.0	-.27	-.50	-.60	-.24	-.33
12:00	19.6	19.3	19.1	19.1	-.30	-.54	-.59	-.24	-.29
13:00	20.9	20.5	20.2	20.2	-.40	-.66	-.73	-.26	-.33
14:00	21.2	21.0	20.8	20.7	-.26	-.48	-.56	-.23	-.31
15:00	21.9	21.6	21.4	21.3	-.25	-.47	-.56	-.23	-.31
16:00	22.0	21.9	21.7	21.6	-.14	-.33	-.39	-.18	-.25
17:00	21.1	21.3	21.3	21.3	.19	.15	.19	-.03	.00
18:00	19.7	20.0	20.0	20.0	.31	.28	.28	-.03	-.03
19:00	18.8	19.0	19.0	19.0	.15	.11	.14	-.04	-.01
20:00	18.5	18.6	18.6	18.6	.08	.04	.09	-.04	.00
21:00	18.2	18.4	18.4	18.4	.22	.18	.23	-.04	.01
22:00	18.2	18.3	18.3	18.3	.08	.01	.04	-.06	-.03
23:00	18.2	18.4	18.4	18.5	.16	.19	.26	.02	.09
Avg	18.2	18.2	18.1	18.1	-.04	-.14	-.14	-.11	-.10
Max	22.0	21.9	21.7	21.6	.31	.28	.28	.02	.09
Hr. of Max	16	16	16	16	18	18	18	23	23
Min	16.0	16.0	15.9	16.0	-.40	-.66	-.73	-.26	-.33
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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10/12/2014

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	14.9	14.9	15.3	20.5	94.3	94.3	12.7	12.7	0.010888
01:00	15.0	15.0	15.4	20.3	94.8	94.5	12.8	12.8	0.010988
02:00	15.0	14.9	15.4	20.2	94.6	93.9	12.8	12.8	0.010945
03:00	15.0	14.9	15.3	20.0	95.3	95.1	12.8	12.8	0.01094
04:00	15.0	15.0	15.3	19.9	95.6	95.7	12.8	12.8	0.01098
05:00	15.0	15.0	15.4	19.8	94.6	94.9	12.8	12.8	0.010985
06:00	15.0	15.1	15.4	19.7	94.5	94.8	12.8	12.8	0.010951
07:00	15.0	15.1	15.3	19.6	95.1	95.3	12.8	12.9	0.010956
08:00	15.3	15.3	15.6	19.5	95.5	95.8	13.0	13.0	0.011138
09:00	15.7	15.6	16.0	19.4	95.1	95.7	13.3	13.3	0.011436
10:00	16.4	16.2	16.9	19.4	93.1	93.8	13.9	13.8	0.012019
11:00	16.8	16.7	17.4	19.4	91.0	92.0	14.2	14.2	0.012318
12:00	17.2	17.0	18.0	19.5	87.3	88.3	14.5	14.4	0.01261
13:00	17.5	17.0	18.6	19.8	82.6	82.2	14.8	14.4	0.012891
14:00	17.7	17.3	18.9	20.1	81.8	81.4	14.9	14.6	0.013054
15:00	17.9	17.8	19.2	20.3	80.0	80.8	15.1	15.1	0.013292
16:00	18.5	18.4	19.7	20.6	82.5	82.7	15.7	15.6	0.013822
17:00	18.9	18.8	19.7	20.7	89.5	87.5	16.2	16.0	0.014164
18:00	17.7	17.5	18.3	20.8	90.2	87.6	15.0	14.9	0.013056
19:00	17.6	17.7	18.0	20.8	94.5	94.1	15.0	15.1	0.012993
20:00	17.4	17.5	17.8	20.7	95.1	95.1	14.8	14.9	0.012807
21:00	17.2	17.3	17.5	20.5	95.6	95.4	14.6	14.7	0.012606
22:00	17.2	17.4	17.6	20.4	95.8	96.1	14.7	14.8	0.012672
23:00	17.2	17.4	17.6	20.3	95.8	95.9	14.7	14.8	0.012661
Avg	16.5	16.5	17.1	20.1	91.8	91.8	14.0	14.0	0.012132
Max	18.9	18.8	19.7	20.8	95.8	96.1	16.2	16.0	0.014164
Hr. of Max	17	17	17	19	23	22	17	17	17
Min	14.9	14.9	15.3	19.4	80.0	80.8	12.7	12.7	0.010888
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/12/2014

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	0.010876	17.0	17.0	.01	29.14	986.9	-3.0	.00	50.6
01:00	0.010946	17.1	17.1	.00	29.13	986.4	-2.8	.00	42.5
02:00	0.010932	17.1	17.0	.00	29.13	986.4	-1.3	.00	37.9
03:00	0.010926	17.0	17.0	.00	29.12	986.2	-1.4	.00	348.0
04:00	0.010985	17.1	17.1	.01	29.11	985.9	-2.1	.00	31.1
05:00	0.010982	17.1	17.1	.00	29.12	986.1	-3.0	.00	41.1
06:00	0.011006	17.1	17.1	.00	29.13	986.4	-3.3	.00	45.1
07:00	0.011024	17.1	17.2	.00	29.13	986.6	-2.4	.00	46.7
08:00	0.011139	17.4	17.4	.03	29.15	987.3	14.9	.02	21.8
09:00	0.011399	17.8	17.8	.03	29.16	987.6	75.4	.11	52.8
10:00	0.011879	18.7	18.5	.00	29.17	987.8	181.3	.26	83.2
11:00	0.012241	19.2	19.1	.00	29.17	988.0	211.4	.30	66.6
12:00	0.012508	19.6	19.5	.00	29.17	987.8	263.9	.38	64.1
13:00	0.012505	20.0	19.5	.00	29.15	987.2	365.6	.52	165.9
14:00	0.01279	20.3	19.9	.00	29.13	986.4	221.7	.32	164.4
15:00	0.013217	20.6	20.5	.00	29.11	985.8	244.4	.35	10.8
16:00	0.013729	21.4	21.3	.00	29.11	985.7	89.5	.13	55.9
17:00	0.014022	22.0	21.7	.00	29.11	986.0	20.9	.03	41.9
18:00	0.012932	20.3	20.1	.18	29.13	986.5	6.3	.01	120.5
19:00	0.01306	20.2	20.3	.03	29.14	986.9	-1.6	.00	64.8
20:00	0.012881	19.9	20.0	.00	29.15	987.1	-2.0	.00	44.1
21:00	0.012749	19.6	19.8	.00	29.16	987.4	-2.7	.00	42.8
22:00	0.012771	19.7	19.9	.04	29.17	987.8	-2.4	.00	38.1
23:00	0.012807	19.7	19.9	.00	29.17	987.8	-1.9	.00	24.6
Avg	0.012096	18.9	18.8	.01	29.14	986.8	69.4	.10	50.0
Max	0.014022	22.0	21.7	.18	29.17	988.0	365.6	.52	348.0
Hr. of Max	17	17	17	18	23	11	13	13	03
Min	0.010876	17.0	17.0	.00	29.11	985.7	-3.3	.00	10.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/12/2014

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	49.3	53.3	56.0	49.7	32.6	14.5	9.9	1.4	4.0
01:00	34.6	36.9	51.1	32.6	45.0	19.7	13.3	.9	2.7
02:00	53.1	60.5	44.6	57.4	23.3	13.2	8.4	1.3	2.7
03:00	67.1	72.6	335.7	70.1	47.2	26.6	16.1	.3	1.1
04:00	45.1	53.5	37.1	49.9	41.6	18.2	12.5	.9	2.4
05:00	52.2	57.8	44.5	54.5	37.3	12.5	8.8	1.4	3.6
06:00	57.1	64.3	53.4	61.4	21.4	11.2	9.6	1.6	3.1
07:00	60.6	66.4	53.4	63.6	37.9	21.3	16.4	1.1	2.8
08:00	81.8	90.7	18.9	84.9	60.7	55.6	39.8	.4	1.2
09:00	46.8	48.8	61.1	44.9	25.3	13.7	8.7	1.7	3.5
10:00	77.3	70.2	92.3	67.6	21.8	18.5	16.4	2.3	2.7
11:00	65.1	57.3	78.3	52.3	37.3	28.1	35.5	1.0	1.5
12:00	64.8	78.8	66.8	74.7	51.0	45.4	47.6	.9	.9
13:00	189.7	211.6	183.1	215.3	45.4	48.7	52.8	1.3	1.5
14:00	186.9	223.0	173.0	247.6	67.4	75.9	65.0	.4	.3
15:00	15.5	15.3	14.0	10.9	52.5	42.0	34.6	1.1	1.6
16:00	58.9	56.0	67.8	54.0	37.9	27.7	25.4	1.2	2.4
17:00	56.3	64.7	48.6	59.6	55.2	54.4	53.2	.4	1.5
18:00	137.9	132.6	128.7	133.4	59.8	50.3	48.9	1.2	1.9
19:00	77.2	87.9	72.4	84.3	40.6	32.9	27.2	1.7	3.4
20:00	51.3	60.5	49.4	57.2	25.3	11.9	9.0	1.8	3.9
21:00	53.6	64.1	49.4	60.8	19.9	11.0	8.7	1.6	3.5
22:00	50.5	60.6	46.0	57.1	25.7	15.9	11.2	1.6	3.5
23:00	28.0	34.4	34.4	29.5	52.0	25.5	15.3	.9	2.7
Avg	62.0	65.0	57.0	59.0	40.2	28.9	24.8	.0	.0
Max	189.7	223.0	335.7	247.6	67.4	75.9	65.0	2.3	4.0
Hr. of Max	13	14	03	14	14	14	14	10	00
Min	15.5	15.3	14.0	10.9	19.9	11.0	8.4	.3	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/12/2014

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	5.4	1.6	4.3	5.6	2.1	6.1	1.6	-.8	-.04
01:00	3.9	1.1	2.9	4.1	1.6	4.5	2.4	.1	.01
02:00	3.5	1.4	2.8	3.6	1.7	4.0	-3.8	-2.5	-.17
03:00	1.9	.4	1.3	1.9	.9	2.3	.6	1.9	.00
04:00	2.9	1.1	2.6	3.0	1.6	3.5	-3.0	-2.7	-.14
05:00	4.9	1.6	3.7	4.9	2.1	5.3	-.8	-3.1	-.18
06:00	3.7	1.7	3.3	3.7	2.1	4.1	-5.6	-1.9	-.28
07:00	3.7	1.3	2.9	3.8	1.7	4.2	-1.7	-1.8	-.14
08:00	2.1	1.3	1.9	2.5	1.7	3.0	-1.8	-1.0	-.09
09:00	4.6	1.8	3.6	4.7	2.2	5.2	-1.1	-3.0	-.17
10:00	3.0	2.4	2.8	3.1	2.9	3.6	2.9	3.4	.07
11:00	1.5	1.5	2.0	1.8	2.1	2.4	-1.9	-.8	-.10
12:00	1.0	1.4	1.5	1.4	1.9	2.1	-5.5	-5.5	-.13
13:00	1.5	1.9	1.9	1.9	2.5	2.5	-4.4	-10.5	-.11
14:00	.3	.6	.6	.6	1.2	1.3	3.7	-6.2	.11
15:00	1.7	1.3	1.9	2.0	1.9	2.6	-10.8	-12.4	-.42
16:00	2.7	1.5	2.7	2.9	2.0	3.3	-3.2	4.4	-.14
17:00	2.3	2.0	3.1	3.6	2.4	4.0	-3.7	1.6	-.20
18:00	2.6	2.6	3.2	3.5	3.1	4.0	-.3	.7	-.03
19:00	4.0	2.5	4.4	5.0	3.0	5.5	-2.9	-2.7	-.21
20:00	4.5	2.0	4.0	4.6	2.3	4.9	-3.8	-2.4	-.23
21:00	4.4	1.7	3.6	4.4	2.1	4.8	-5.2	-1.8	-.22
22:00	4.5	1.8	3.7	4.7	2.2	5.0	-3.5	-2.2	-.19
23:00	3.5	1.1	2.9	3.7	1.5	4.1	-.5	-1.4	-.09
Avg	.0	1.6	2.8	3.4	2.0	3.8	-2.2	-2.1	-.13
Max	5.4	2.6	4.4	5.6	3.1	6.1	3.7	4.4	.11
Hr. of Max	00	18	19	00	18	00	14	16	14
Min	.3	.4	.6	.6	.9	1.3	-10.8	-12.4	-.42
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)

10/12/2014

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	-.12	5.7	8.0	9.2	5.7	9.4	21.3	6.6
01:00	-.02	3.9	6.4	8.0	4.4	8.5	18.9	7.9
02:00	-.18	3.4	4.8	6.9	4.4	6.8	15.0	6.4
03:00	.07	2.5	4.4	4.8	3.3	5.2	12.5	8.0
04:00	-.17	3.9	5.7	6.2	4.8	6.7	16.7	5.5
05:00	-.29	6.2	7.6	8.7	6.4	9.2	20.4	5.7
06:00	-.15	5.0	6.4	13.1	7.0	8.3	13.8	7.0
07:00	-.19	3.9	6.6	7.6	4.9	7.8	17.9	8.8
08:00	-.07	5.7	6.2	7.1	6.0	7.7	14.1	12.4
09:00	-.28	5.3	8.9	13.5	5.8	7.8	20.8	5.5
10:00	.11	6.2	6.4	7.6	6.6	6.9	18.8	16.6
11:00	.07	3.7	4.8	4.4	4.6	5.1	25.6	23.0
12:00	-.02	4.8	6.0	5.5	5.5	6.3	25.6	29.9
13:00	-.43	5.3	5.3	6.6	7.2	7.6	26.3	31.0
14:00	-.19	3.4	4.8	3.2	4.2	3.9	31.7	35.8
15:00	-.57	5.3	4.4	4.6	5.1	5.1	22.2	23.2
16:00	.15	5.3	6.6	6.2	4.5	6.5	20.1	17.0
17:00	.01	7.1	7.3	8.2	8.0	10.1	18.1	13.6
18:00	-.18	10.1	13.3	12.4	7.5	11.1	18.2	19.7
19:00	-.28	6.4	8.0	8.2	6.6	8.9	14.8	11.2
20:00	-.21	4.6	7.1	8.2	5.7	7.1	16.1	5.2
21:00	-.15	4.8	6.6	8.5	5.3	8.0	11.3	4.2
22:00	-.21	4.6	6.4	9.8	5.1	7.9	15.8	5.8
23:00	-.11	4.8	9.2	10.3	3.9	8.0	17.1	6.9
Avg	-.14	5.1	6.7	7.9	5.5	7.5	18.9	13.2
Max	.15	10.1	13.3	13.5	8.0	11.1	31.7	35.8
Hr. of Max	16	18	18	09	17	18	14	14
Min	-.57	2.5	4.4	3.2	3.3	3.9	11.3	4.2
Count	24	24	24	24	24	24	24	24
Total								