Date Printed: 10/03/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/2/2014

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	14.0	15.4	15.8	16.9	1.41	1.84	2.91	.43	1.50
01:00	13.9	15.1	15.5	16.5	1.24	1.59	2.62	.36	1.39
02:00	13.8	14.9	15.3	16.1	1.01	1.46	2.28	.45	1.27
03:00	13.2	14.6	14.8	15.4	1.36	1.61	2.23	.25	.87
04:00	12.9	14.2	14.4	15.0	1.31	1.57	2.15	.26	.84
05:00	12.9	14.0	14.2	14.5	1.07	1.26	1.60	.19	.53
06:00	13.4	14.1	14.2	14.4	.68	.76	.99	.08	.31
07:00	13.5	14.1	14.1	14.3	.56	.60	.75	.04	.19
08:00	14.5	14.6	14.5	14.6	.12	.01	.18	-.12	.05
09:00	17.4	16.9	16.7	16.6	-.51	-.72	-.82	-.22	-.31
10:00	20.3	19.5	19.2	19.1	-.88	-1.16	-1.22	-.28	-.34
11:00	23.0	22.1	21.7	21.6	-.96	-1.31	-1.41	-.35	-.45
12:00	25.7	24.3	24.0	23.9	-1.37	-1.68	-1.77	-.31	-.40
13:00	27.4	26.0	25.6	25.5	-1.41	-1.77	-1.83	-.36	-.42
14:00	28.3	27.0	26.6	26.5	-1.32	-1.67	-1.78	-.35	-.45
15:00	29.0	27.9	27.5	27.4	-1.14	-1.52	-1.63	-.38	-.49
16:00	29.2	28.3	27.9	27.8	-.94	-1.28	-1.41	-.34	-.47
17:00	28.6	28.1	27.8	27.7	-.52	-.83	-.95	-.31	-.43
18:00	25.7	26.5	26.6	26.8	.80	.96	1.11	.15	.31
19:00	22.1	23.5	24.6	25.4	1.44	2.49	3.33	1.06	1.90
20:00	20.1	22.0	23.2	24.3	1.83	3.02	4.16	1.19	2.34
21:00	19.0	22.0	23.6	24.2	3.04	4.66	5.17	1.62	2.13
22:00	20.3	23.2	23.3	23.5	2.91	3.05	3.20	.15	.30
23:00	19.0	22.2	22.6	22.7	3.27	3.61	3.72	.34	.45
Avg	19.9	20.4	20.6	20.9	.54	.69	.98	.15	.44
Max	29.2	28.3	27.9	27.8	3.27	4.66	5.17	1.62	2.34
Hr. of Max	16	16	16	16	23	21	21	21	20
Min	12.9	14.0	14.1	14.3	-1.41	-1.77	-1.83	-.38	-.49
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/2/2014

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	12.2	13.0	12.8	23.0	90.2	87.1	10.7	11.3	0.009103
01:00	12.4	13.1	12.9	22.7	91.9	89.1	10.9	11.4	0.009212
02:00	12.5	13.2	13.0	22.4	93.1	91.3	11.0	11.5	0.009305
03:00	11.8	13.2	12.3	22.2	92.4	92.7	10.5	11.4	0.00886
04:00	11.5	13.0	12.0	21.9	92.8	93.8	10.3	11.3	0.008705
05:00	11.8	12.7	12.2	21.7	93.8	93.5	10.5	11.1	0.008838
06:00	12.5	13.0	12.8	21.5	95.3	94.3	10.9	11.3	0.009254
07:00	12.5	12.9	12.9	21.3	95.3	94.0	11.0	11.2	0.009305
08:00	13.0	12.9		21.1	92.7	90.9	11.3	11.2	0.009611
09:00	14.0	13.5	15.1	21.0	82.0	81.5	12.0	11.6	0.010262
10:00	14.0	13.7	16.1	21.0	68.6	70.8	11.9	11.7	0.010305
11:00	14.1	13.9	17.1	21.2	58.6	61.2	11.9	11.7	0.010394
12:00	15.0	14.7	18.6	21.7	53.1	56.4	12.5	12.3	0.011049
13:00	15.4	15.3	19.4	22.3	49.1	53.1	12.7	12.7	0.011306
14:00	15.2	15.3	19.5	23.1	45.9	50.0	12.5	12.7	0.011184
15:00	13.7	13.9	18.8	23.8	40.3	43.4	11.4	11.6	0.010229
16:00	12.9	13.0	18.4	24.2	37.8	40.0	10.9	10.9	0.009717
17:00	13.4	13.4	18.5	24.5	40.3	41.6	11.2	11.2	0.009998
18:00	15.4	14.8	18.8	24.6	54.9	49.9	12.8	12.3	0.011387
19:00	16.4	15.9	18.3	24.6	71.8	64.0	13.7	13.3	0.012058
20:00	16.1	16.3	17.5	24.5	79.3	71.8	13.6	13.7	0.011844
21:00	15.9	16.0	16.9	24.3	83.9	70.3	13.4	13.4	0.011662
22:00	16.1	15.8	17.5	24.1	78.7	64.6	13.6	13.2	0.011855
23:00	16.0	15.9	17.0	23.8	84.5	68.7	13.5	13.3	0.011729
Avg	13.9	14.1	16.0	22.8	73.6	71.4	11.9	12.0	0.010299
Max	16.4	16.3	19.5	24.6	95.3	94.3	13.7	13.7	0.012058
Hr. of Max	19	20	14	19	07	06	19	20	19
Min	11.5	12.7	12.0	21.0	37.8	40.0	10.3	10.9	0.008705
Count	24	24	23	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/2/2014

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	0.009625	14.2	15.0	.00	29.12	986.2	-2.3	.00	23.3
01:00	0.009676	14.4	15.1	.00	29.12	986.3	-2.9	.00	49.7
02:00	0.009751	14.5	15.2	.00	29.13	986.4	-3.0	.00	64.9
03:00	0.009714	13.9	15.2	.00	29.13	986.4	-2.1	.00	64.2
04:00	0.009579	13.6	15.0	.00	29.14	986.7	-2.2	.00	52.9
05:00	0.009442	13.8	14.8	.00	29.15	987.1	-2.2	.00	65.9
06:00	0.009578	14.5	15.0	.00	29.16	987.6	-2.4	.00	60.1
07:00	0.009518	14.6	14.9	.00	29.18	988.3	5.6	.01	65.6
08:00	0.009498	15.0	14.9	.00	29.20	988.9	133.9	.19	59.6
09:00	0.009891	16.1	15.5	.00	29.21	989.2	349.9	.50	79.1
10:00	0.010064	16.1	15.8	.00	29.21	989.3	528.2	.76	89.0
11:00	0.010228	16.3	16.0	.00	29.20	989.0	670.7	.96	105.8
12:00	0.010819	17.2	16.9	.00	29.18	988.3	759.6	1.09	163.2
13:00	0.011262	17.6	17.6	.00	29.16	987.6	798.2	1.14	212.2
14:00	0.011258	17.4	17.5	.00	29.13	986.5	676.6	.97	228.6
15:00	0.010303	15.9	16.1	.00	29.11	985.7	655.6	.94	217.4
16:00	0.009748	15.1	15.2	.00	29.08	984.9	519.7	.75	196.3
17:00	0.010024	15.6	15.6	.00	29.06	984.2	284.7	.41	202.3
18:00	0.010917	17.7	17.0	.00	29.06	984.0	63.7	.09	232.8
19:00	0.011713	18.7	18.2	.00	29.08	984.7	1.2	.00	314.9
20:00	0.012003	18.4	18.6	.00	29.08	984.7	-1.2	.00	343.6
21:00	0.011792	18.1	18.3	.00	29.07	984.6	-1.9	.00	257.3
22:00	0.011635	18.4	18.1	.00	29.07	984.5	-2.8	.00	226.9
23:00	0.011666	18.2	18.1	.00	29.06	984.3	-3.4	.00	229.8
Avg	0.010404	16.1	16.2	.00	29.13	986.5	225.9	.33	102.0
Max	0.012003	18.7	18.6	.00	29.21	989.3	798.2	1.14	343.6
Hr. of Max	20	19	20	23	10	10	13	13	20
Min	0.009442	13.6	14.8	.00	29.06	984.0	-3.4	.00	23.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/2/2014

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	57.2	56.6	35.0	52.3	52.4	19.6	15.7	.6	1.7
01:00	59.7	65.3	59.8	61.1	25.4	10.8	9.8	1.0	2.1
02:00	61.8	55.6	74.7	51.2	12.7	8.7	4.0	1.4	2.6
03:00	86.6	60.2	81.0	56.9	37.0	35.5	15.6	.1	.6
04:00	63.9	65.4	61.0	61.3	31.1	8.9	7.6	.5	1.4
05:00	61.2	59.1	76.1	54.8	14.8	9.1	4.3	1.0	2.5
06:00	57.0	59.0	68.9	54.3	13.6	6.3	3.3	1.5	3.3
07:00	62.3	58.4	74.0	53.5	11.8	8.1	4.7	1.2	2.9
08:00	58.5	63.1	66.1	58.3	15.1	8.5	7.0	2.1	3.4
09:00	67.9	58.1	88.9	54.4	22.6	23.0	19.5	2.8	2.5
10:00	82.7	72.6	96.6	68.6	34.4	34.3	29.6	2.4	2.4
11:00	95.0	88.9	112.0	82.9	52.6	49.6	47.8	1.8	1.5
12:00	182.2	185.3	181.3	186.5	62.1	61.3	64.8	1.3	1.5
13:00	223.0	221.3	225.6	222.3	37.5	30.4	24.8	4.3	5.6
14:00	237.1	230.0	238.5	231.2	39.3	32.2	27.5	4.0	5.3
15:00	225.2	220.1	228.1	220.9	38.9	32.6	28.4	4.7	6.1
16:00	210.6	209.9	208.5	210.7	34.4	27.2	22.7	5.1	6.5
17:00	209.3	208.5	213.7	209.3	26.8	21.3	17.3	4.1	5.6
18:00	218.7	210.2	242.0	211.4	23.3	12.0	8.4	2.1	4.3
19:00	226.6	210.6	322.2	211.9	18.3	34.3	7.8	.6	1.3
20:00	95.5	186.3	346.0	186.9	29.9	39.9	13.0	.3	.2
21:00	217.1	189.3	261.3	190.0	45.2	20.4	16.8	.7	2.8
22:00	211.4	192.0	238.4	192.2	20.9	18.0	15.0	2.6	4.2
23:00	209.4	189.1	242.0	189.2	24.9	15.5	14.6	1.9	3.3
Avg	127.0	132.0	114.0	129.0	30.2	23.6	17.9	.0	.0
Max	237.1	230.0	346.0	231.2	62.1	61.3	64.8	5.1	6.5
Hr. of Max	14	14	20	14	12	12	12	16	16
Min	57.0	55.6	35.0	51.2	11.8	6.3	3.3	.1	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/2/2014

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	2.8	.9	1.7	2.9	1.3	3.2	2.5	.4	.05
01:00	3.7	1.2	2.3	3.8	1.4	4.1	1.1	.0	.02
02:00	4.3	1.4	2.7	4.3	1.7	4.7	.9	.9	.02
03:00	1.8	.6	.7	1.9	1.1	2.3	2.7	-1.2	.04
04:00	2.5	.6	1.4	2.5	1.0	2.9	3.5	.3	.05
05:00	3.9	1.1	2.5	3.9	1.4	4.3	1.8	.2	.04
06:00	4.2	1.5	3.4	4.2	1.8	4.5	-1.0	-2.1	-.05
07:00	4.7	1.3	3.0	4.7	1.7	5.0	-2.4	-1.1	-.08
08:00	3.9	2.1	3.4	4.0	2.5	4.3	-5.0	-2.5	-.28
09:00	2.9	3.0	2.7	3.1	3.6	3.5	2.8	6.4	.18
10:00	2.3	2.7	2.7	2.5	3.2	3.2	-2.1	5.9	-.07
11:00	1.3	2.3	2.0	1.9	2.9	2.7	1.3	-.7	.09
12:00	1.5	2.9	2.9	2.5	3.7	3.3	-.7	-3.8	-.08
13:00	6.4	5.0	6.3	6.9	5.7	7.6	-1.3	-3.7	-.27
14:00	6.2	4.9	6.1	6.8	5.6	7.5	.7	.4	-.17
15:00	7.0	5.5	6.8	7.6	6.1	8.3	-.7	1.1	-.21
16:00	7.4	6.0	7.2	7.9	6.8	8.6	-.4	2.5	-.27
17:00	6.9	4.5	6.0	7.2	5.2	7.7	-.4	-.1	-.19
18:00	6.0	2.4	4.4	6.1	2.9	6.6	.0	-.3	-.06
19:00	3.7	.7	1.5	3.8	.9	4.2	2.8	.3	.03
20:00	3.6	.4	.9	3.7	.7	4.1	.5	1.2	.01
21:00	4.8	.9	2.9	5.0	1.4	5.4	1.5	-.7	.05
22:00	5.7	2.8	4.4	5.9	3.3	6.4	-1.3	-1.7	-.14
23:00	4.4	2.0	3.5	4.6	2.4	5.0	.8	-1.2	.00
Avg	.0	2.4	3.4	4.5	2.8	5.0	.3	.0	-.05
Max	7.4	6.0	7.2	7.9	6.8	8.6	3.5	6.4	.18
Hr. of Max	16	16	16	16	16	16	04	09	09
Min	1.3	.4	.7	1.9	.7	2.3	-5.0	-3.8	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/2/2014

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	.03	2.5	3.4	5.0	2.7	5.3	8.0	4.8
01:00	.01	3.0	5.0	8.5	3.2	6.4	8.0	4.6
02:00	.07	3.0	5.0	6.6	3.3	6.5	8.2	3.2
03:00	-.03	2.1	4.4	8.7	2.4	5.3	10.5	7.4
04:00	.02	2.3	3.4	4.4	2.6	4.2	7.0	2.9
05:00	.01	2.5	4.4	6.0	2.9	6.3	7.9	3.3
06:00	-.16	3.2	6.9	9.4	3.7	5.8	8.6	2.6
07:00	-.10	2.7	7.1	8.9	3.2	7.1	9.5	3.7
08:00	-.22	4.8	6.2	9.8			12.2	6.0
09:00	.32	6.4	7.1	9.4	6.7	7.2	17.3	18.6
10:00	.43	6.0	5.5	6.4	7.1	7.3	23.9	28.0
11:00	-.02	6.4	6.0	6.0	7.6	7.4	28.6	35.4
12:00	-.29	8.9	9.6	8.7	8.8	11.1	27.7	31.7
13:00	-.60	15.3	14.0	15.8	14.7	16.6	20.2	19.6
14:00	-.24	12.1	14.4	14.4	12.8	16.0	19.9	18.5
15:00	-.18	13.5	15.3	16.3	14.7	17.8	18.1	17.4
16:00	.16	16.7	17.4	31.4	17.6	16.8	17.8	14.9
17:00	-.13	10.8	13.7	23.4	11.0	16.9	18.5	12.3
18:00	-.07	9.6	10.5	17.2	10.0	15.0	12.4	5.6
19:00	.00	2.7	6.2	9.4	2.5	7.5	8.6	5.2
20:00	.04	3.0	3.0	8.9	3.2	9.3	11.9	9.8
21:00	-.15	4.6	8.0	10.5	5.8	11.3	20.4	11.6
22:00	-.29	7.1	8.9	11.4	7.9	12.0	12.8	11.3
23:00	-.17	6.6	7.3	10.1	7.0	10.2	13.4	11.3
Avg	-.07	6.5	8.0	11.1	7.0	10.0	14.6	12.1
Max	.43	16.7	17.4	31.4	17.6	17.8	28.6	35.4
Hr. of Max	10	16	16	16	16	15	11	11
Min	-.60	2.1	3.0	4.4	2.4	4.2	7.0	2.6
Count	24	24	24	24	23	23	24	24
Total								